

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119209.D
 Acq On : 5 Mar 2020 12:10
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:22:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115156	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	437254	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	245067	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	465619	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	372280	20.00	ng	-0.01
87) Perylene-d12	15.32	264	377576	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	570647	82.81	ng	-0.01
7) Phenol-d6	6.39	99	677448	80.84	ng	-0.02
23) Nitrobenzene-d5	7.30	82	662940	80.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	250564	78.16	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1308170	78.64	ng	-0.02
79) Terphenyl-d14	12.83	244	1664449	76.98	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	112460	36.656	ng	99
3) Pyridine	3.11	79	317639	37.910	ng	98
4) n-Nitrosodimethylamine	3.05	42	104033	40.987	ng	98
6) Aniline	6.39	93	409870	39.637	ng	# 68
8) 2-Chlorophenol	6.52	128	307036	41.288	ng	99
9) Benzaldehyde	6.28	77	196117	35.027	ng	98
10) Phenol	6.40	94	377003	41.609	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	279195	40.272	ng	97
12) 1,3-Dichlorobenzene	6.67	146	357595	40.121	ng	98
13) 1,4-Dichlorobenzene	6.75	146	360826	40.455	ng	98
14) 1,2-Dichlorobenzene	6.90	146	334686	41.145	ng	99
15) Benzyl Alcohol	6.88	79	260905	43.076	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	238146	39.655	ng	# 27
17) 2-Methylphenol	7.00	107	242522	40.225	ng	# 92
18) Hexachloroethane	7.23	117	130655	40.945	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	213157	43.651	ng	98
20) 3+4-Methylphenols	7.16	107	326184	44.160	ng	# 86
22) Acetophenone	7.14	105	418254	41.342	ng	# 94
24) Nitrobenzene	7.32	77	323540	39.507	ng	98
25) Isophorone	7.56	82	562123	39.085	ng	99
26) 2-Nitrophenol	7.63	139	170545	39.304	ng	97
27) 2,4-Dimethylphenol	7.68	122	232211	39.431	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	361146	38.578	ng	99
29) 2,4-Dichlorophenol	7.88	162	269466	38.869	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	314185	38.223	ng	99
31) Naphthalene	8.03	128	897178	39.564	ng	98
32) Benzoic acid	7.84	122	166549	40.045	ng	99
33) 4-Chloroaniline	8.09	127	382893	39.257	ng	99
34) Hexachlorobutadiene	8.15	225	199047	38.876	ng	98
35) Caprolactam	8.46	113	86516	40.529	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	283580	40.418	ng	100
37) 2-Methylnaphthalene	8.72	142	606756	39.759	ng	98
38) 1-Methylnaphthalene	8.82	142	572902	39.918	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317583	38.436	ng	99

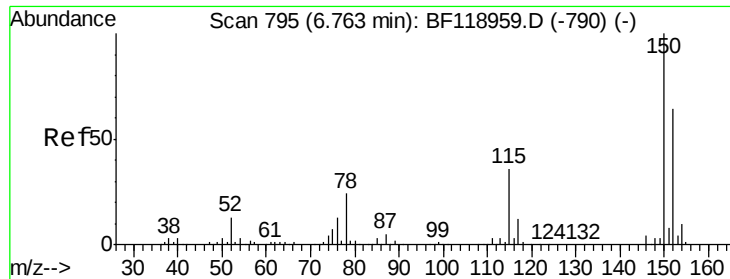
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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Quant Time: Mar 06 06:22:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	79163	32.625	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	198061	37.959	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	205188	37.475	ng	99
46) 1,1'-Biphenyl	9.19	154	777651	39.263	ng	98
47) 2-Chloronaphthalene	9.22	162	630766	39.519	ng	96
48) 2-Nitroaniline	9.32	65	186151	41.815	ng	96
49) Acenaphthylene	9.63	152	909644	39.460	ng	99
50) Dimethylphthalate	9.49	163	736491	39.301	ng	99
51) 2,6-Dinitrotoluene	9.56	165	162748	39.090	ng	91
52) Acenaphthene	9.80	154	548942	39.492	ng	99
53) 3-Nitroaniline	9.73	138	182968	39.641	ng	94
54) 2,4-Dinitrophenol	9.85	184	67453	37.695	ng	# 92
55) Dibenzofuran	9.97	168	813259	39.198	ng	99
56) 4-Nitrophenol	9.92	139	108664	39.184	ng	97
57) 2,4-Dinitrotoluene	9.97	165	210001	38.914	ng	96
58) Fluorene	10.32	166	674892	41.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	175620	38.012	ng	99
60) Diethylphthalate	10.19	149	716363	40.564	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	347628	40.736	ng	94
62) 4-Nitroaniline	10.35	138	191656	40.585	ng	95
63) Azobenzene	10.46	77	624154	40.661	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	110398	39.183	ng	93
66) n-Nitrosodiphenylamine	10.42	169	589271	38.651	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	230511	37.874	ng	93
68) Hexachlorobenzene	10.87	284	266530	37.983	ng	99
69) Atrazine	10.95	200	189121	35.504	ng	98
70) Pentachlorophenol	11.07	266	93458	33.063	ng	99
71) Phenanthrene	11.27	178	998862	39.337	ng	98
72) Anthracene	11.33	178	1001826	39.486	ng	98
73) Carbazole	11.49	167	899089	39.778	ng	98
74) Di-n-butylphthalate	11.81	149	1120715	40.944	ng	97
75) Fluoranthene	12.46	202	1091073	40.480	ng	99
77) Benzidine	12.58	184	524549	34.646	ng	100
78) Pyrene	12.69	202	1090317	36.473	ng	99
80) Butylbenzylphthalate	13.30	149	489722	38.924	ng	95
81) Benzo(a)anthracene	13.88	228	1015867	40.049	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	394413	40.043	ng	100
83) Chrysene	13.92	228	979426	38.751	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	658164	41.408	ng	99
85) Di-n-octyl phthalate	14.47	149	1055892	41.693	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	872755	35.662	ng	100
88) Benzo(b)fluoranthene	14.91	252	955351	38.386	ng	99
89) Benzo(k)fluoranthene	14.94	252	945438	40.992	ng	99
90) Benzo(a)pyrene	15.26	252	867998	38.643	ng	99
91) Dibenzo(a,h)anthracene	16.73	278	728597	36.865	ng	100
92) Benzo(g,h,i)perylene	17.14	276	678602	34.751	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

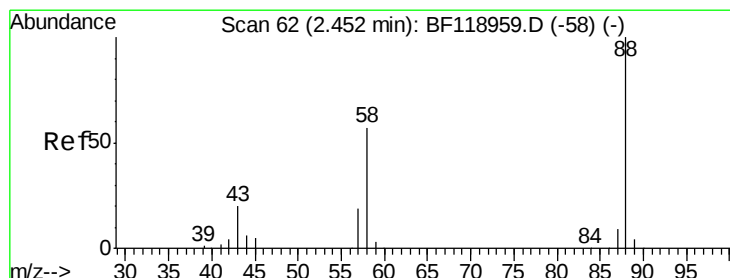
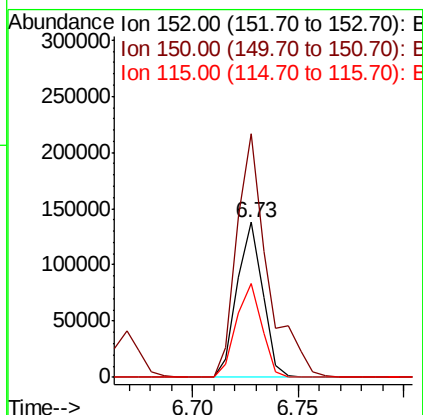
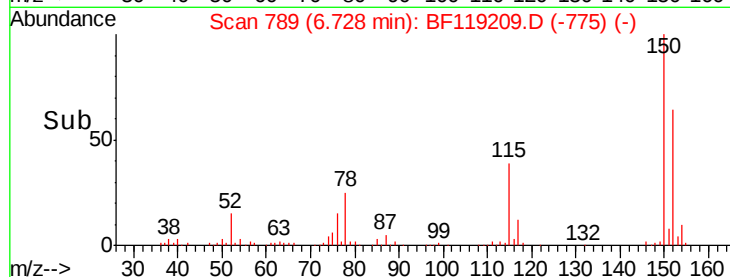
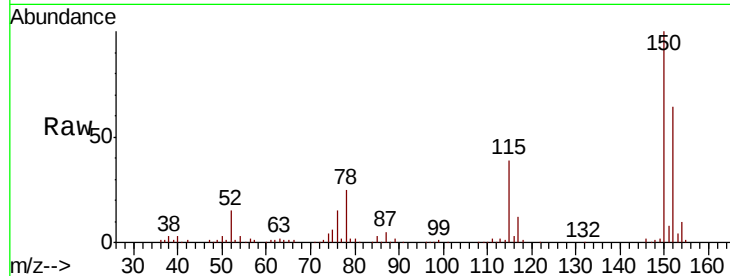


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampled :

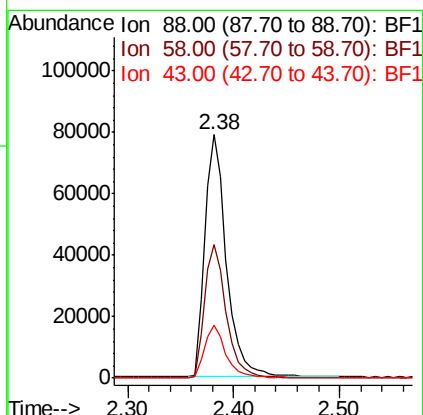
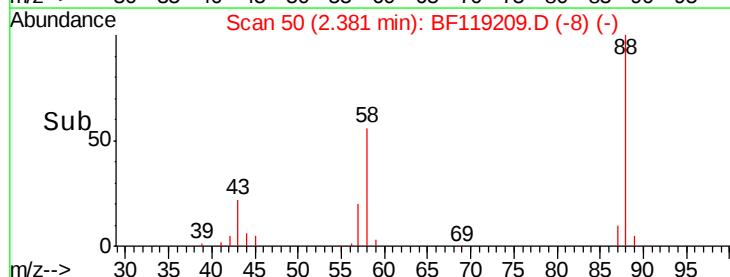
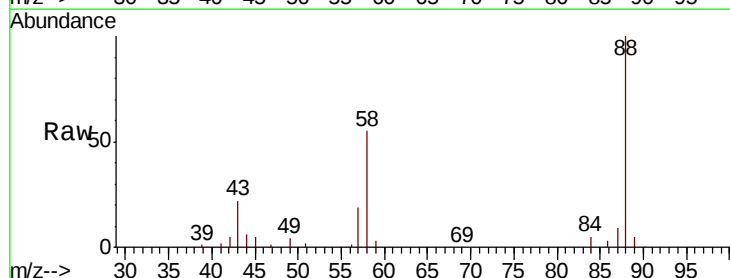
Tot Ion:152 Resp: 115156
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 60.8 49.5 74.3

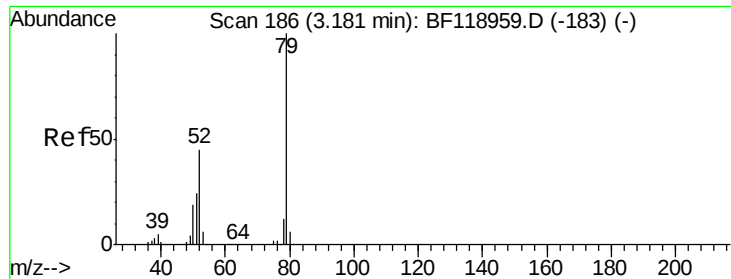


#2

1,4-Dioxane
Concen: 36.656 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.05 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion: 88 Resp: 112460
Ion Ratio Lower Upper
88 100
58 55.0 43.8 65.6
43 21.3 16.2 24.4





#3

Pvridine

Concen: 37.910 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.05 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

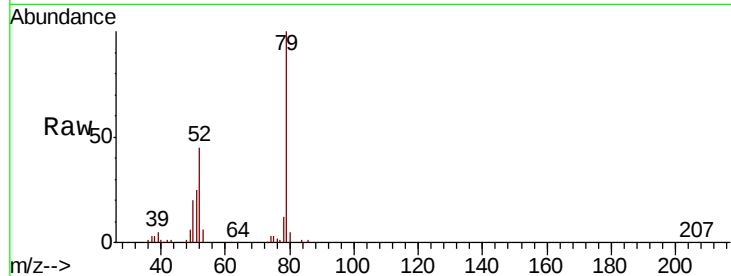
Tot Ion: 79 Resp: 317639

Ion Ratio Lower Upper

79 100

52 44.8 37.4 56.0

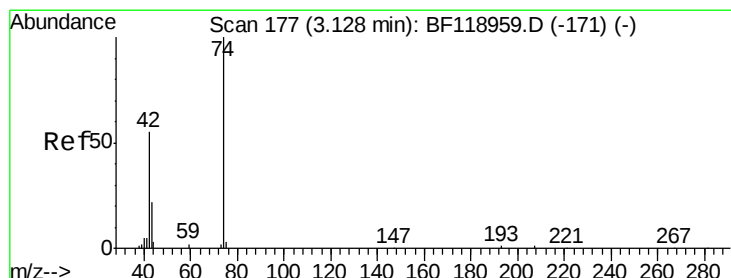
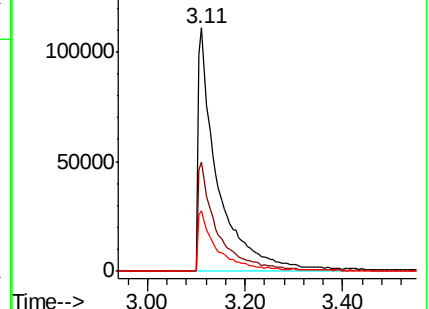
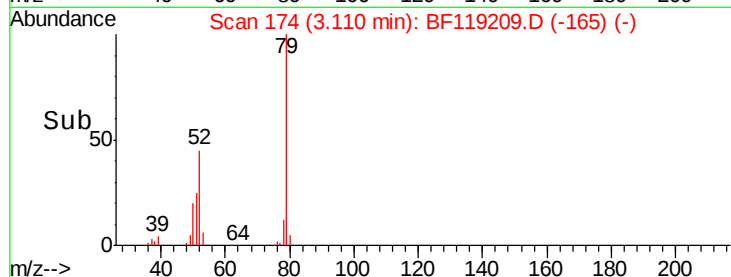
51 24.7 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.987 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.07 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

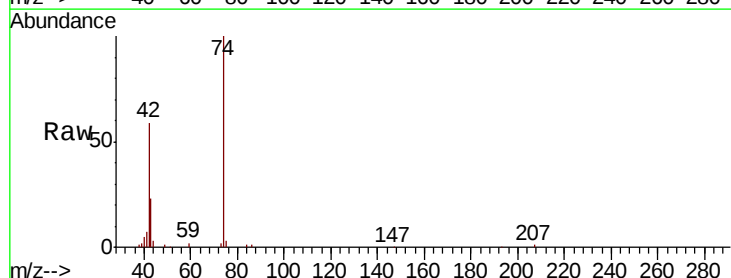
Tgt Ion: 42 Resp: 104033

Ion Ratio Lower Upper

42 100

74 169.5 137.7 206.5

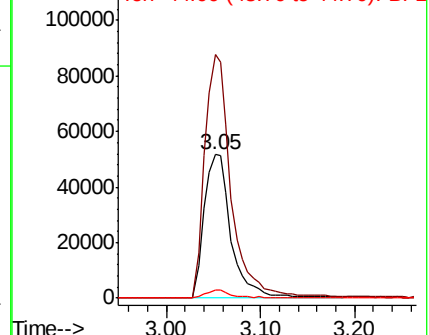
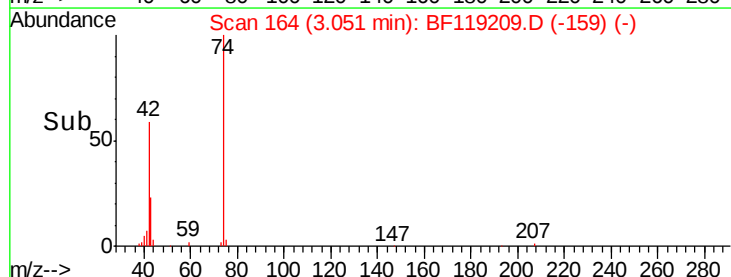
44 5.3 4.5 6.7

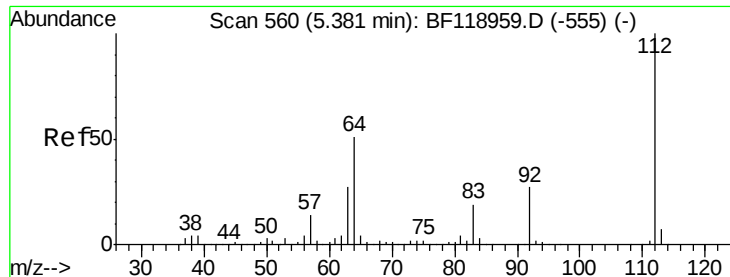


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.814 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

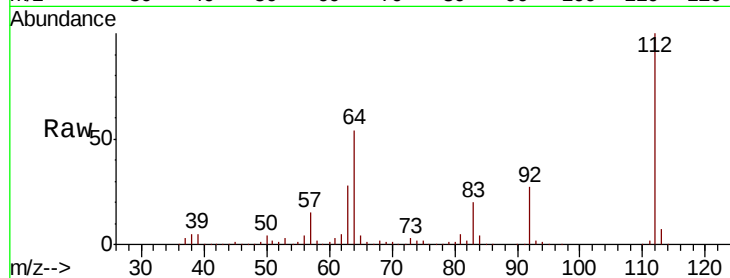
Tot Ion:112 Resp: 570647

Ion Ratio Lower Upper

112 100

64 53.8 45.0 67.4

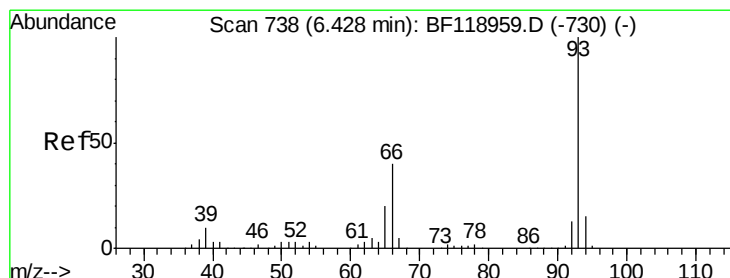
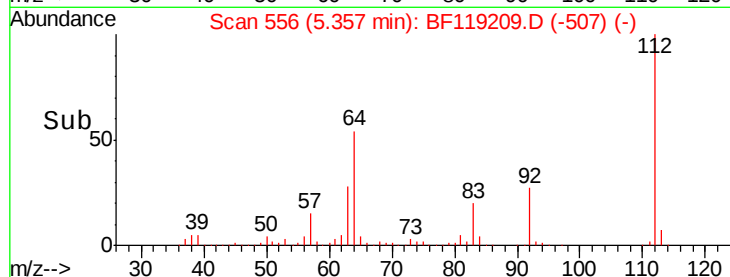
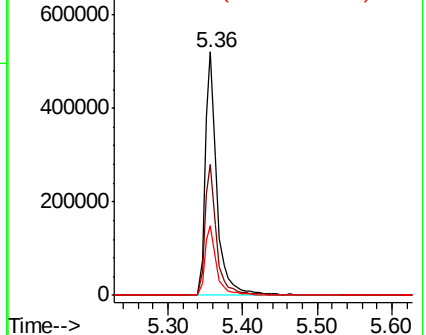
63 28.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.637 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

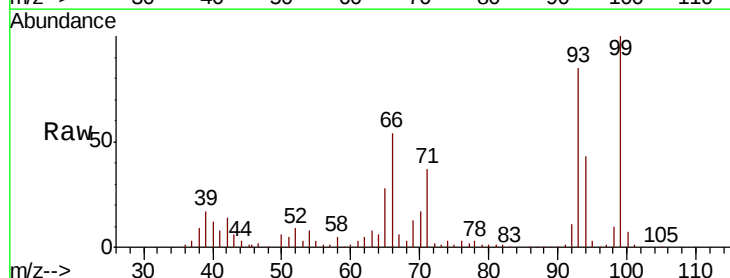
Tgt Ion: 93 Resp: 409870

Ion Ratio Lower Upper

93 100

66 63.2 74.5 111.7#

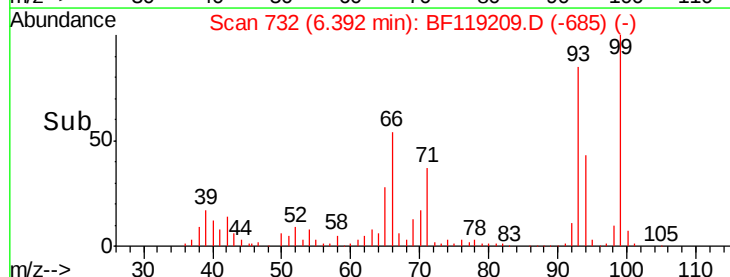
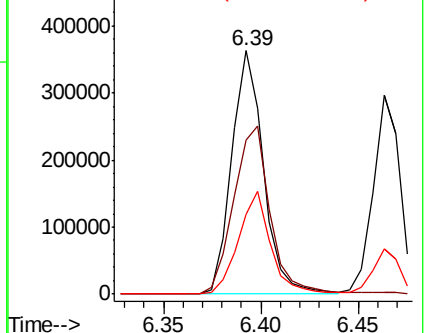
65 32.8 45.3 67.9#

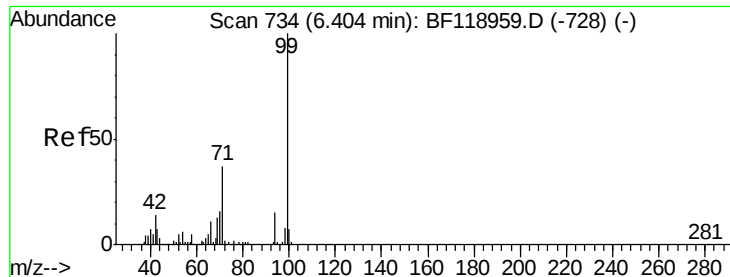


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.837 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

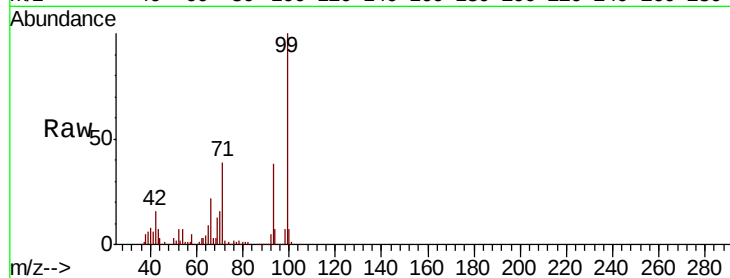
Tot Ion: 99 Resp: 677448

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 38.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.39

800000

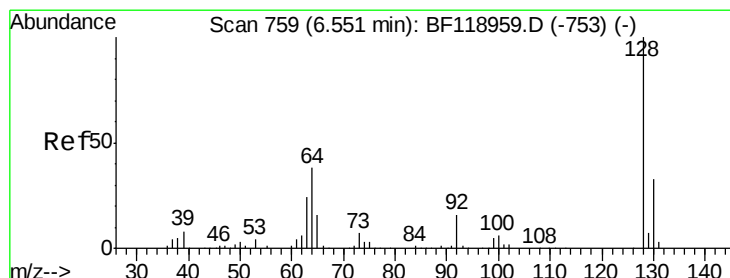
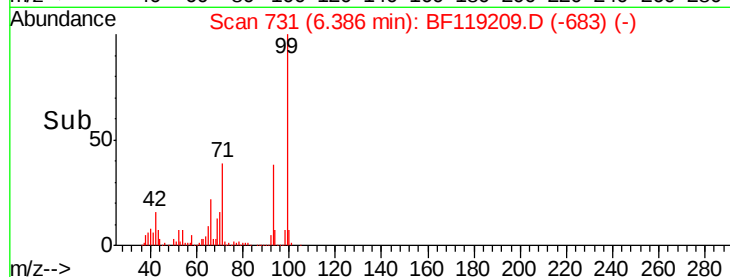
600000

400000

200000

0

Time--> 6.30 6.35 6.40 6.45 6.50



#8

2-Chlorophenol

Concen: 41.288 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

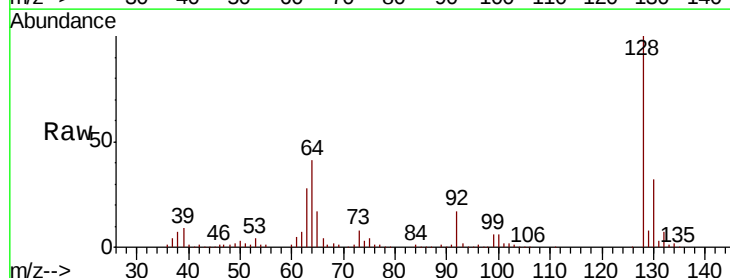
Tgt Ion: 128 Resp: 307036

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 41.3 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.52

400000

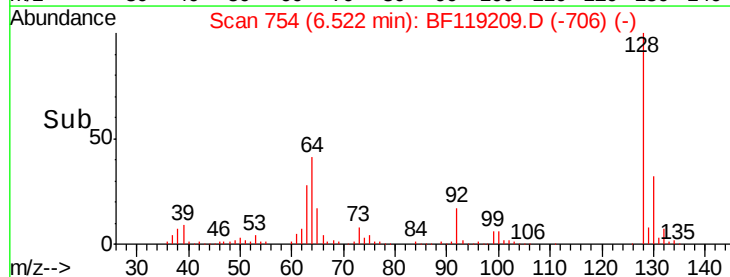
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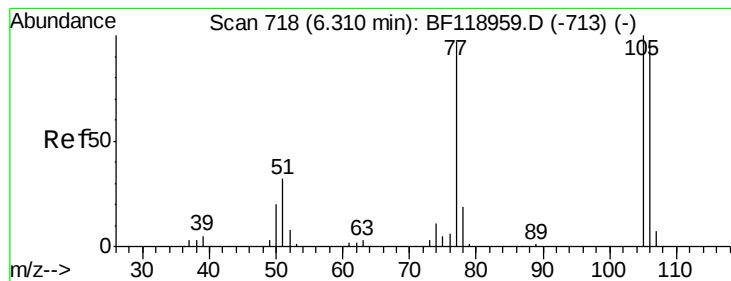
200000

100000

0

Time--> 6.45 6.50 6.55 6.60 6.65





#9

Benzaldehyde

Concen: 35.027 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

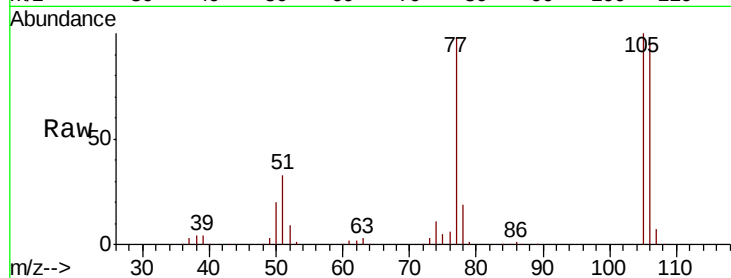
Tot Ion: 77 Resp: 196117

Ion Ratio Lower Upper

77 100

105 102.1 80.1 120.1

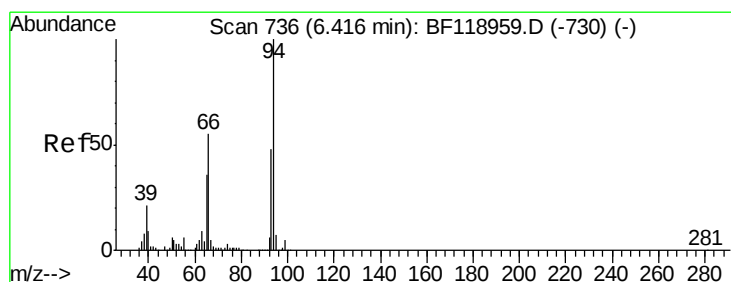
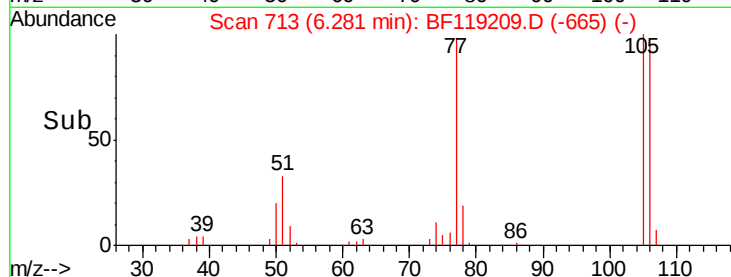
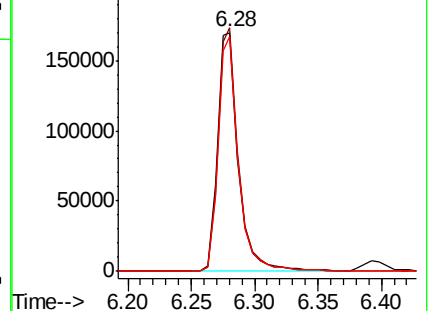
106 98.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.609 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

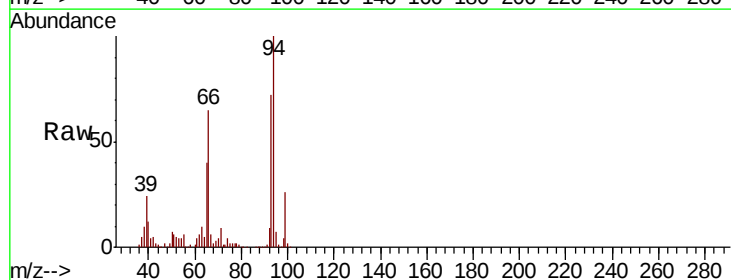
Tgt Ion: 94 Resp: 377003

Ion Ratio Lower Upper

94 100

65 39.5 19.2 59.2

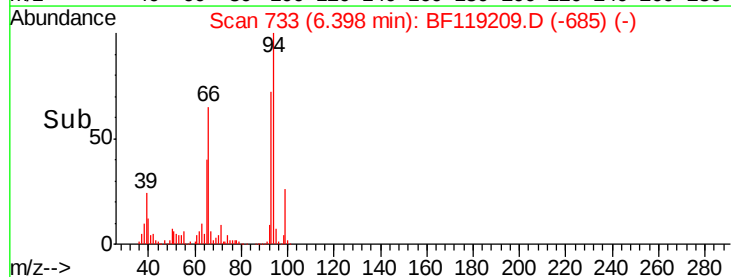
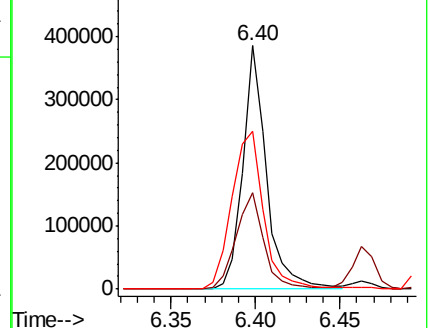
66 64.9 44.4 84.4

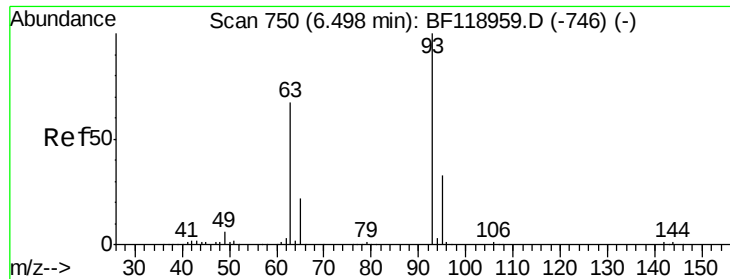


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

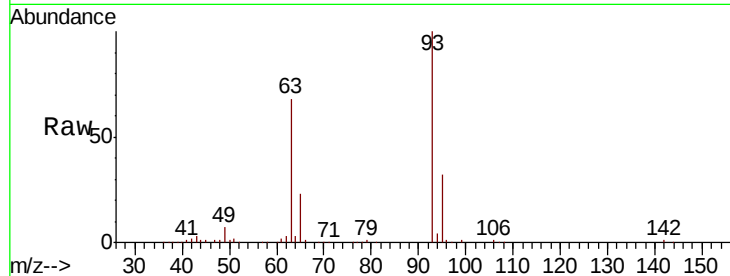




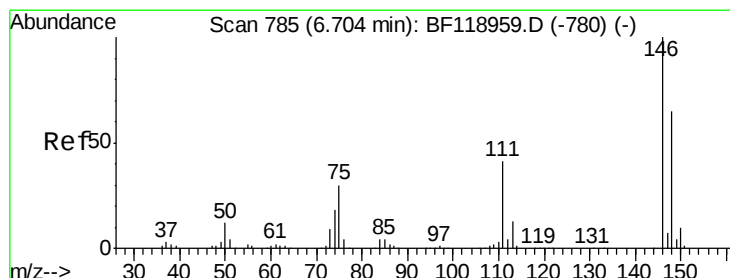
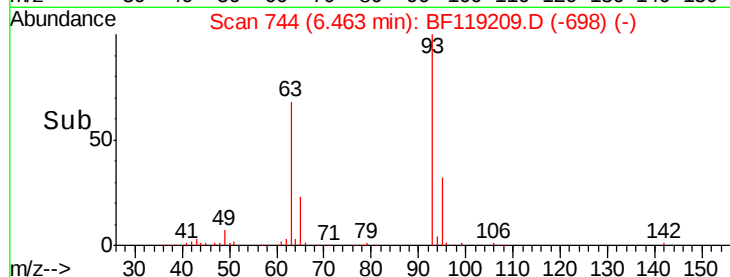
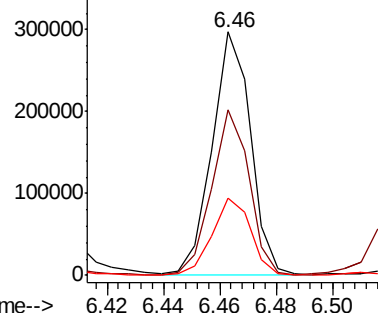
#11
bis(2-Chloroethyl)ether
Concen: 40.272 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	45.4	85.4
95	31.7	13.5	53.5

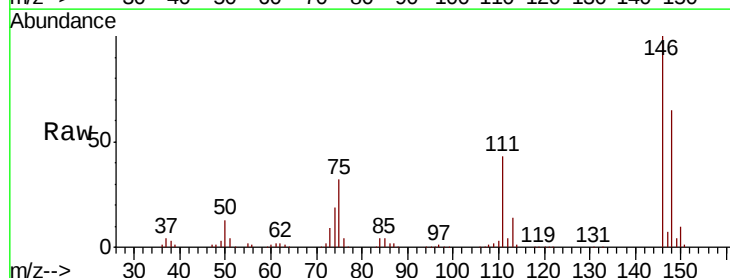


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

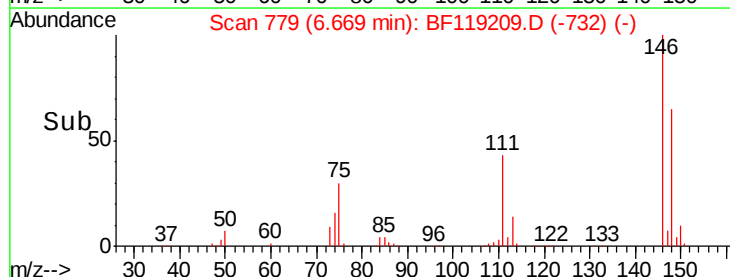
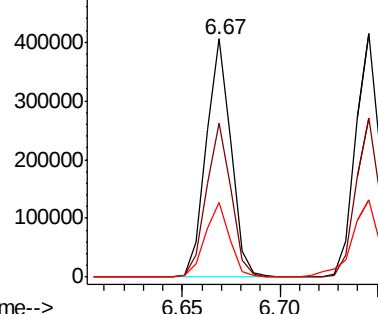


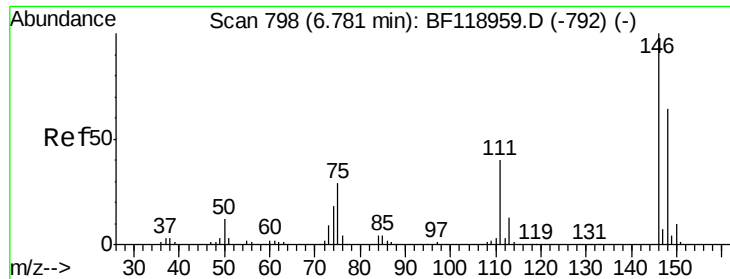
#12
1,3-Dichlorobenzene
Concen: 40.121 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	31.6	23.6	35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

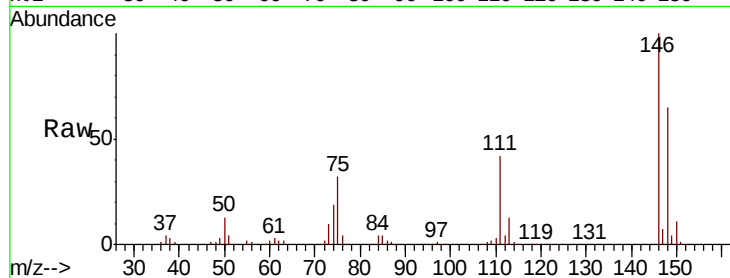




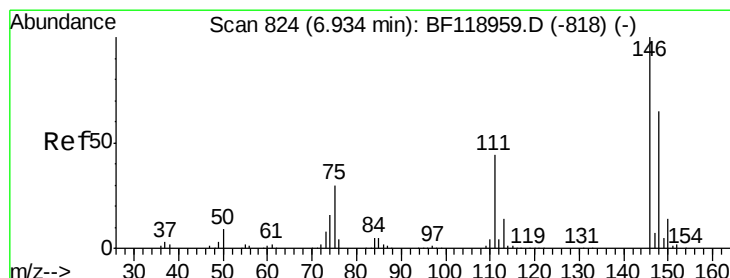
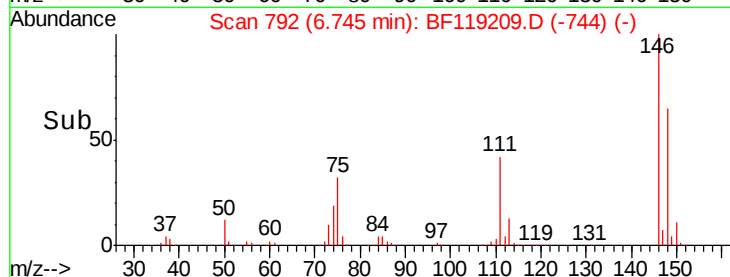
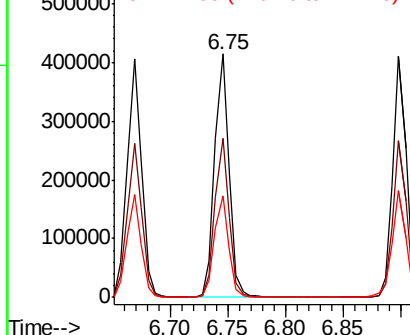
#13
 1,4-Dichlorobenzene
 Concen: 40.455 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 360826
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 41.8 34.8 52.2

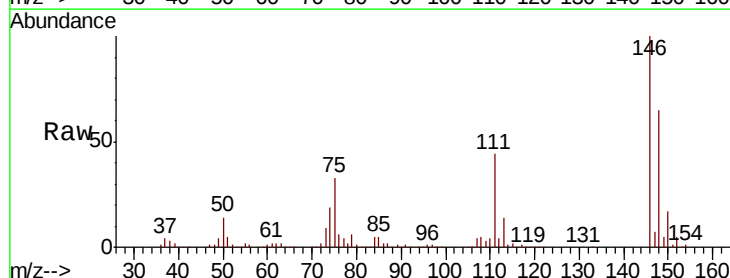


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

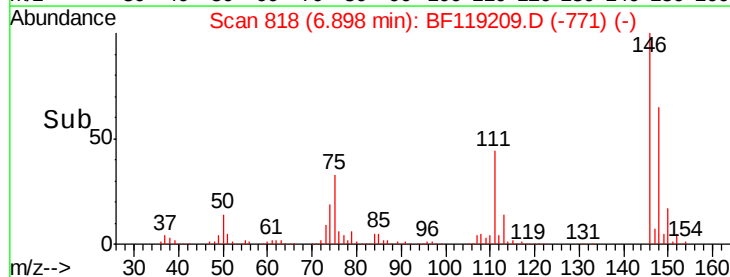
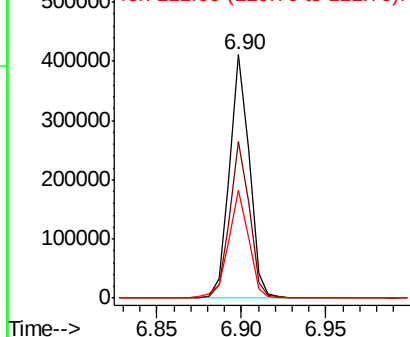


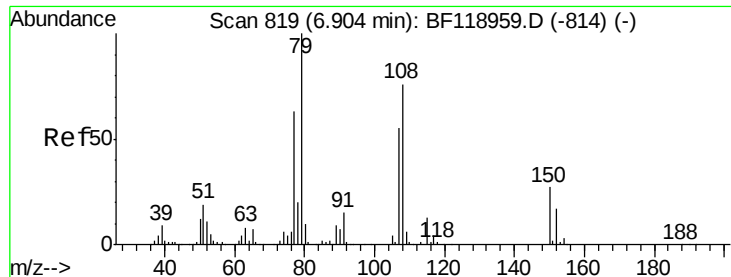
#14
 1,2-Dichlorobenzene
 Concen: 41.145 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:146 Resp: 334686
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 44.3 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.076 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

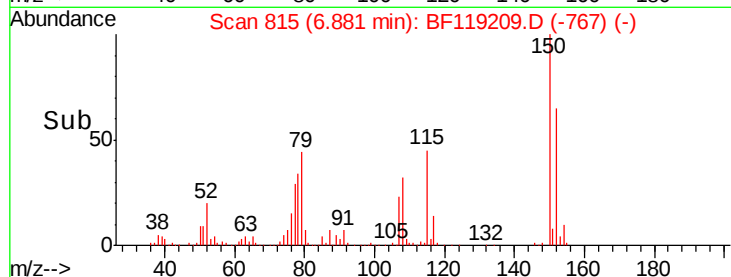
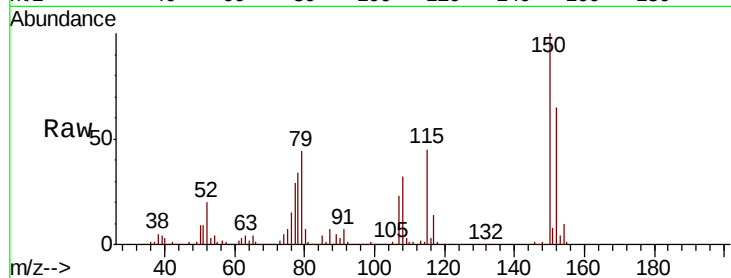
Tot Ion: 79 Resp: 260905

Ion Ratio Lower Upper

79 100

108 73.2 58.2 87.2

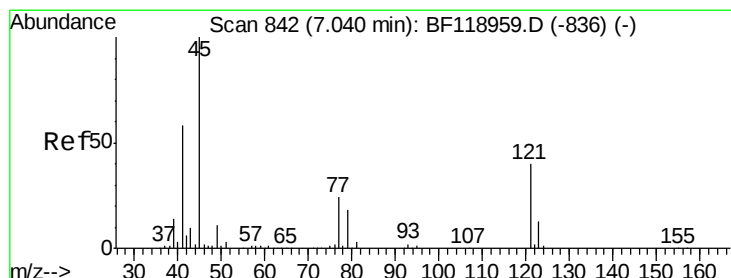
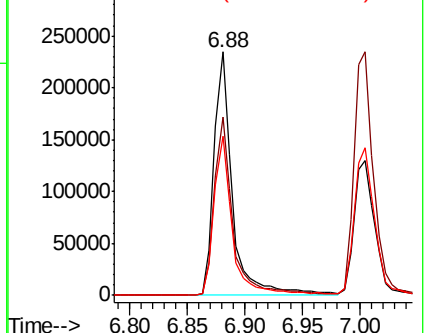
77 65.3 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.655 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

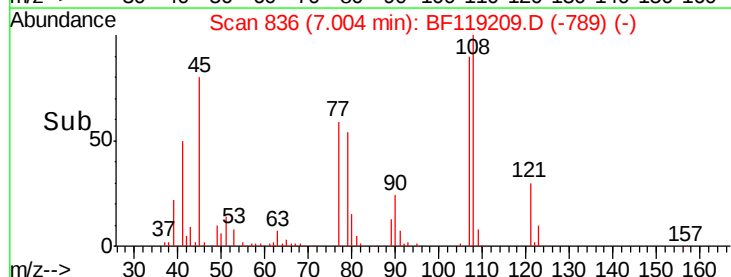
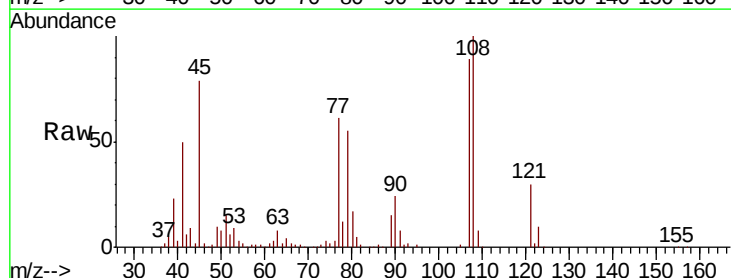
Tgt Ion: 45 Resp: 238146

Ion Ratio Lower Upper

45 100

77 76.5 15.0 55.0#

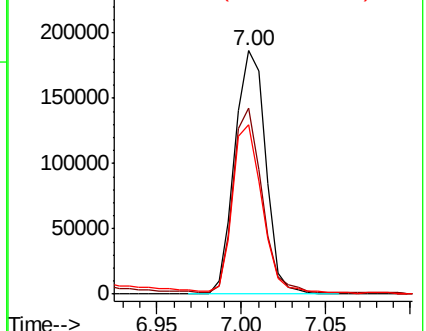
79 69.6 9.4 49.4#

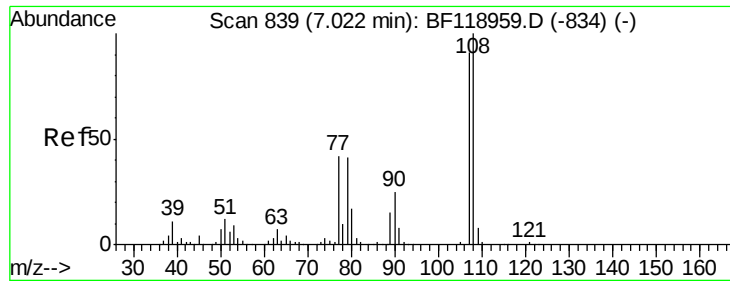


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

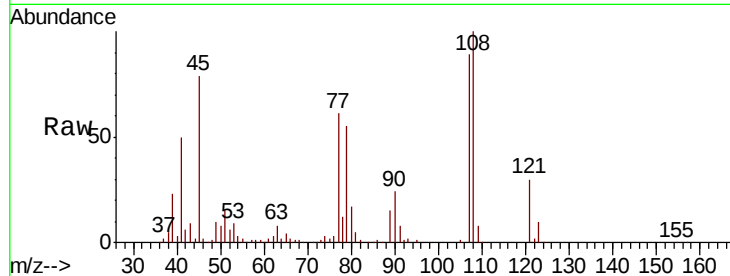




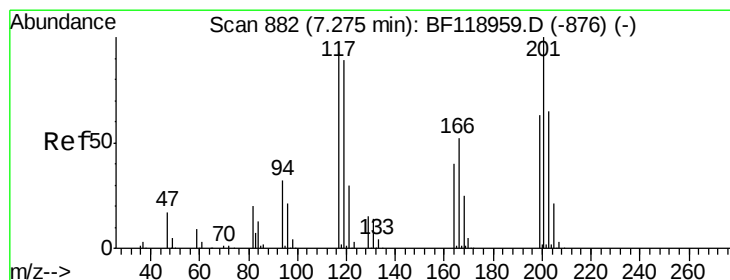
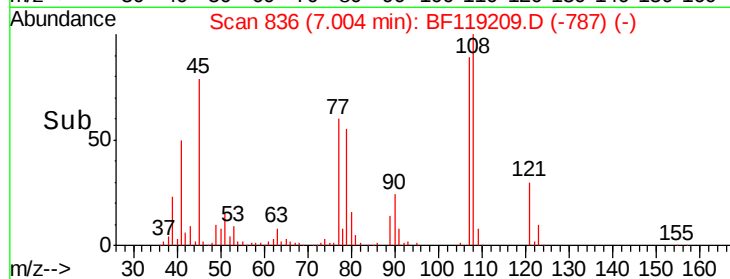
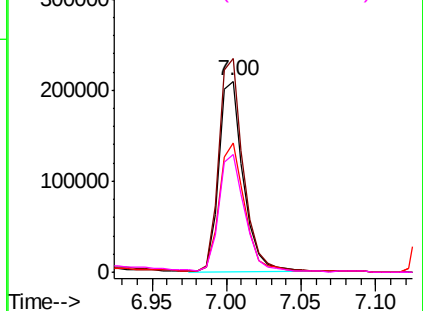
#17
2-Methylphenol
Concen: 40.225 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 242522
Ion Ratio Lower Upper
107 100
108 111.9 87.9 131.9
77 68.1 45.3 67.9#
79 61.9 43.0 64.4

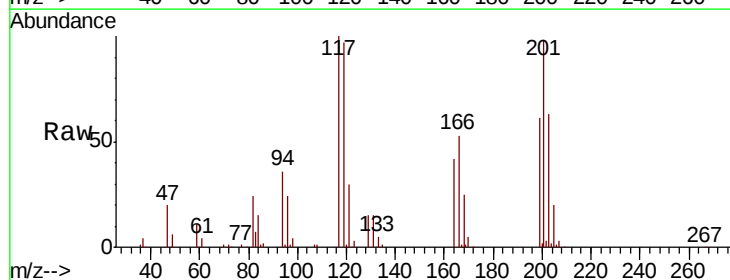


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

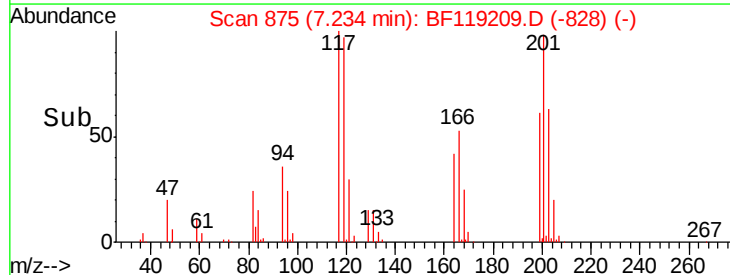
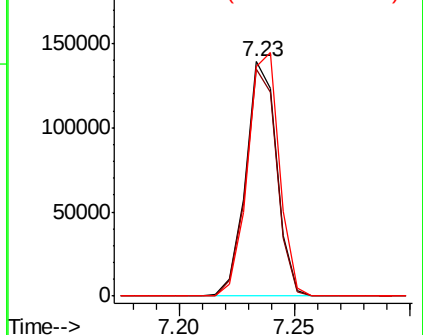


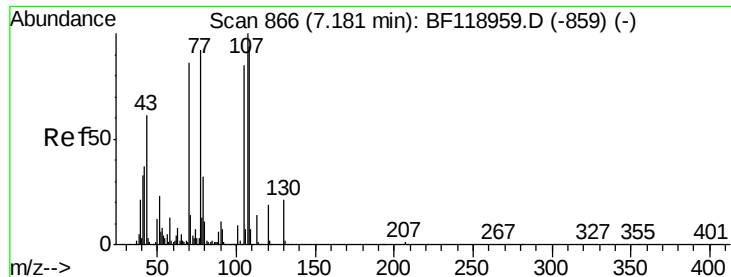
#18
Hexachloroethane
Concen: 40.945 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:117 Resp: 130655
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3
201 98.1 82.6 123.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

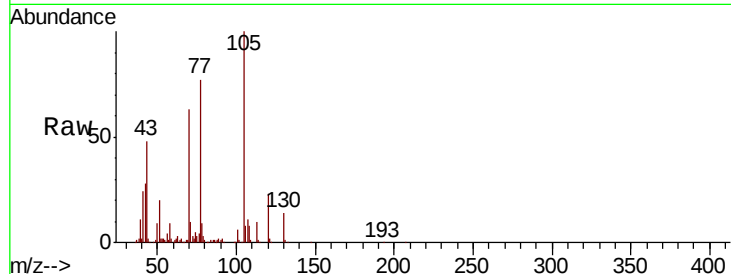




#19
n-Nitroso-di-n-propylamine
Concen: 43.651 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	38.0	57.0
101	10.4	8.2	12.4
130	22.8	18.2	27.4



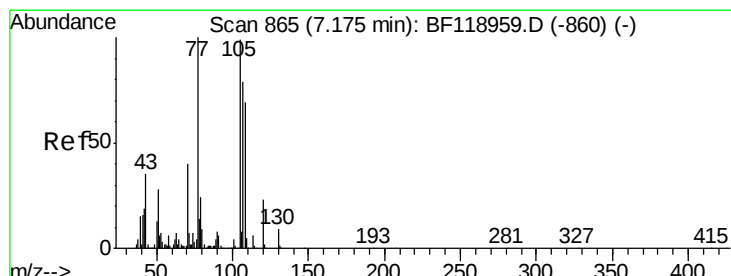
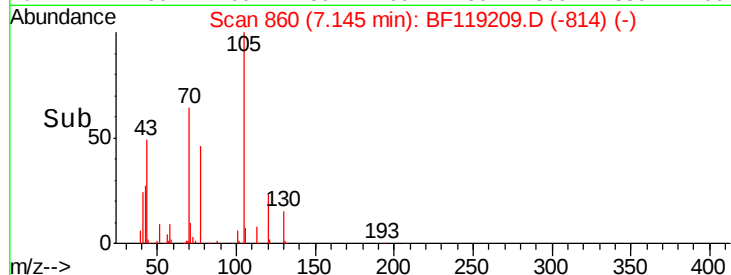
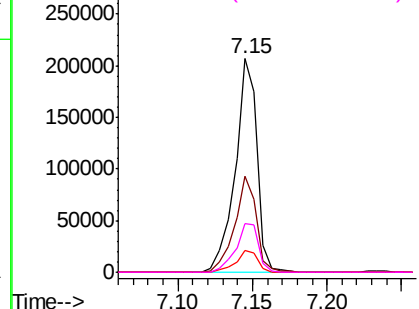
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 44.160 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.5	111.5
77	40.0	45.9	85.9
79	29.8	13.8	53.8

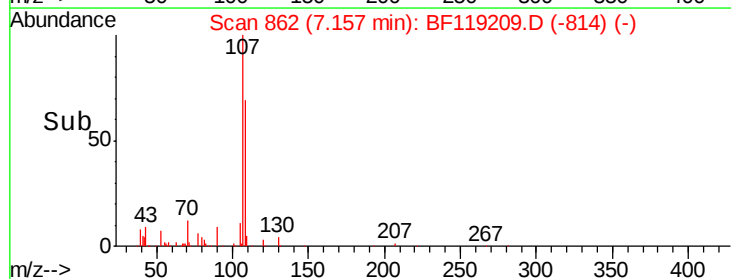
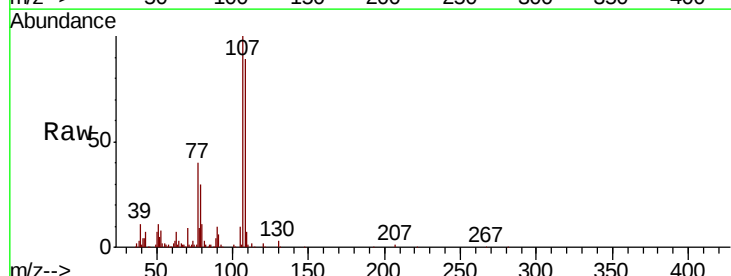
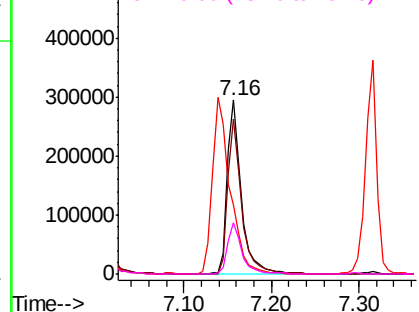
Abundance

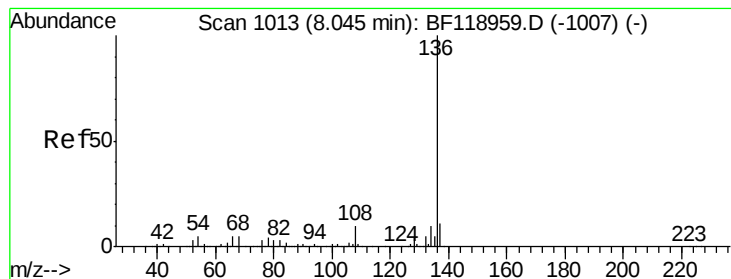
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 437254

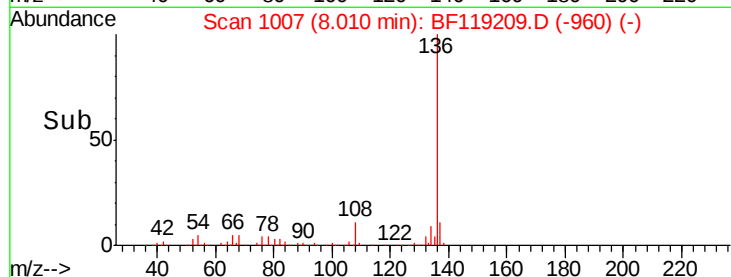
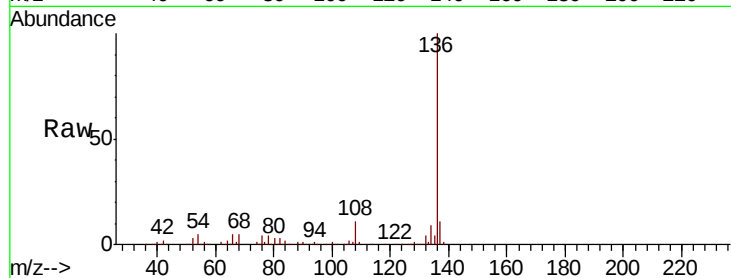
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.0 3.8 5.6

68 5.1 3.9 5.9

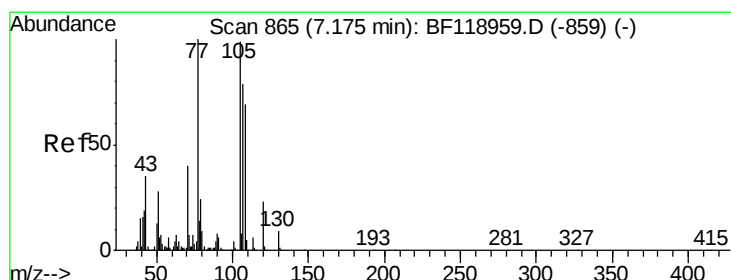
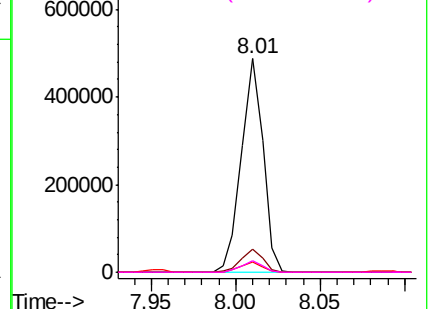


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.342 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Tgt Ion:105 Resp: 418254

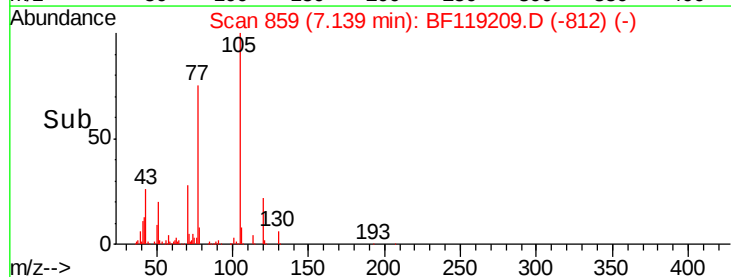
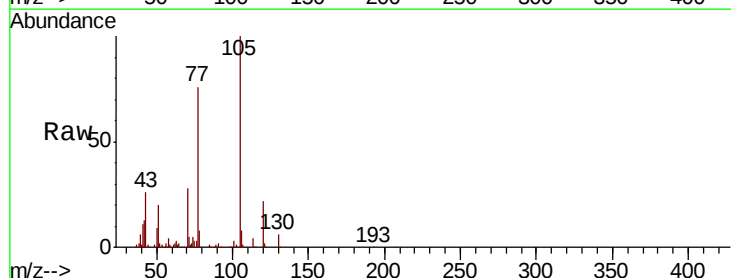
Ion Ratio Lower Upper

105 100

71 4.9 3.0 4.4#

51 20.0 20.1 30.1#

120 21.8 18.0 27.0

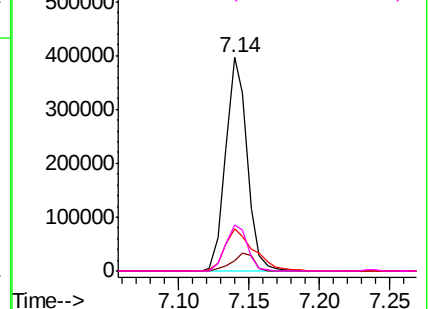


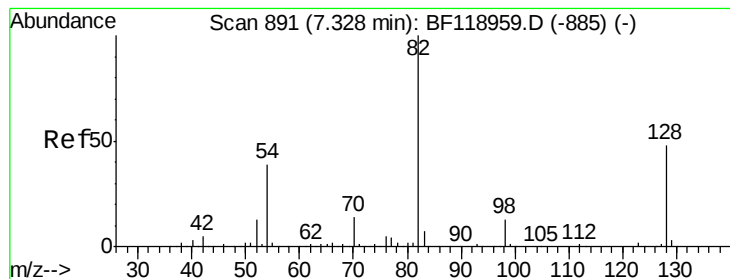
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.052 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

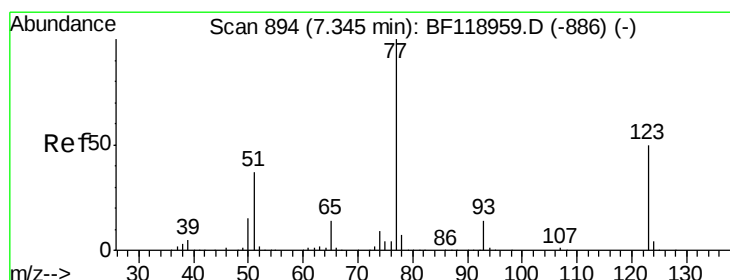
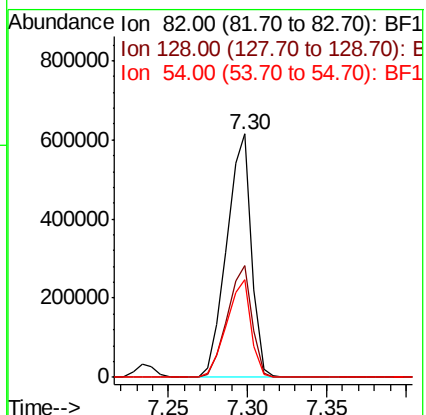
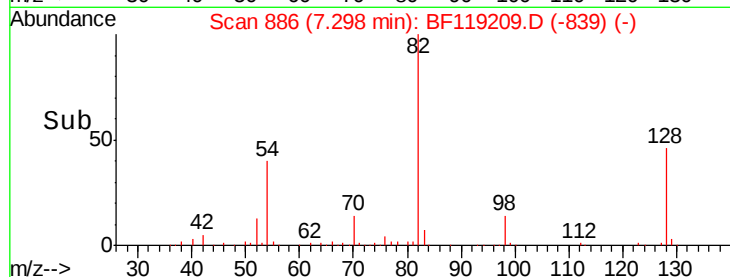
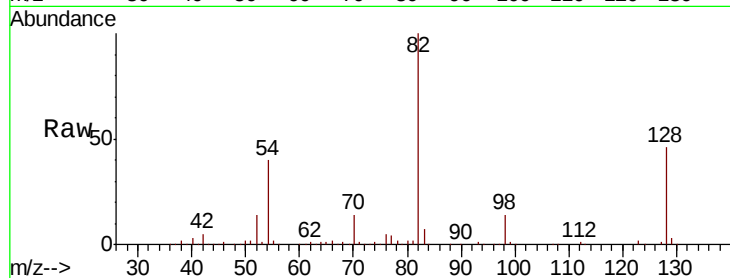
Tot Ion: 82 Resp: 662940

Ion Ratio Lower Upper

82 100

128 46.1 37.9 56.9

54 40.2 33.4 50.2



#24

Nitrobenzene

Concen: 39.507 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

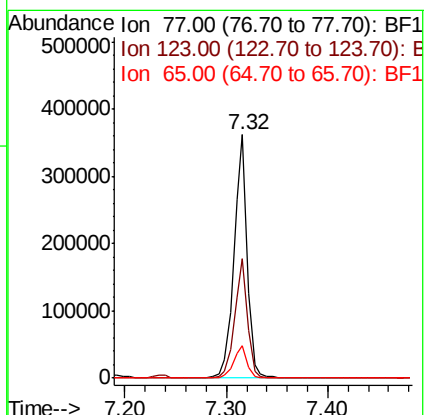
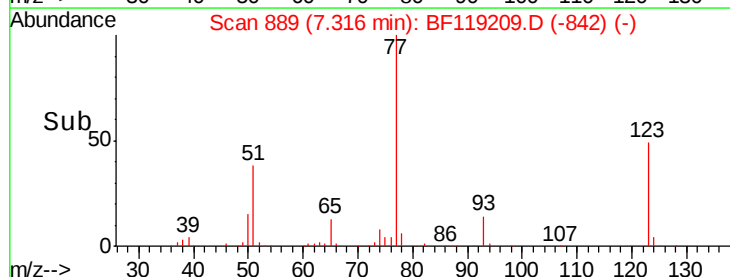
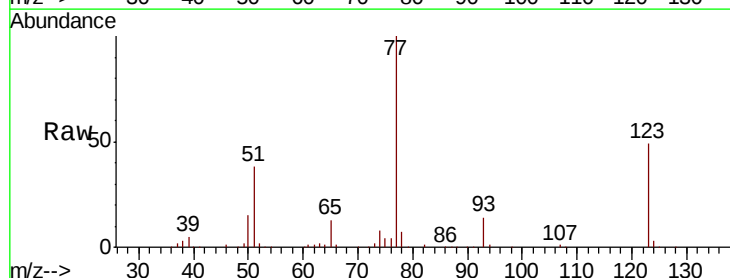
Tgt Ion: 77 Resp: 323540

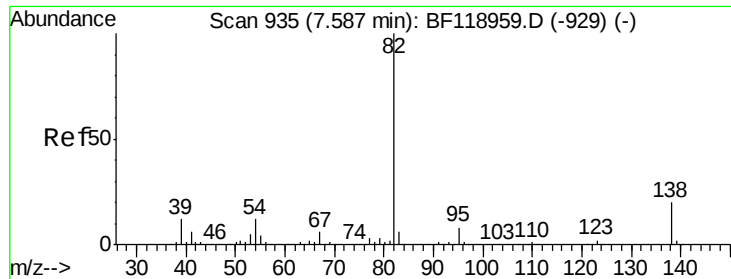
Ion Ratio Lower Upper

77 100

123 48.9 40.2 60.2

65 13.1 10.8 16.2

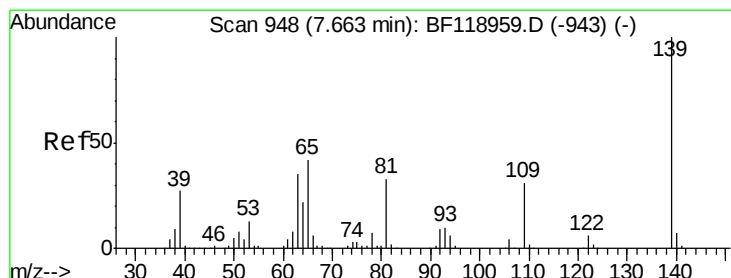
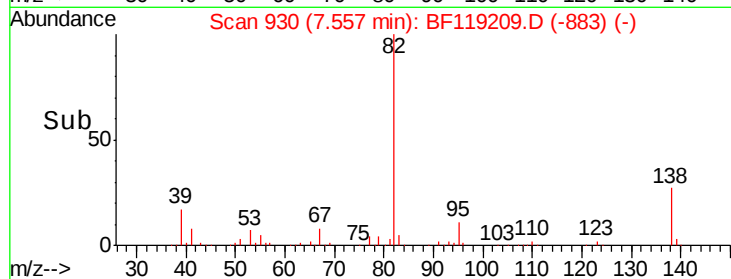
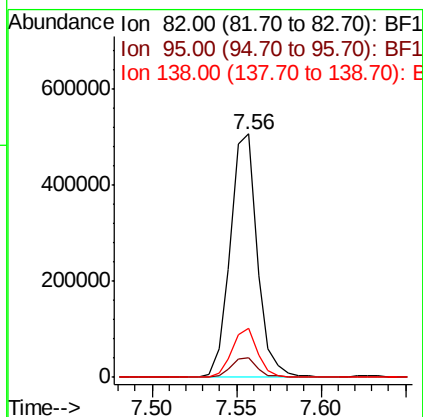
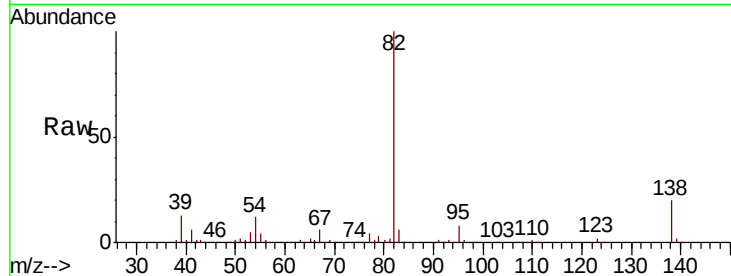




#25
Isophorone
Concen: 39.085 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

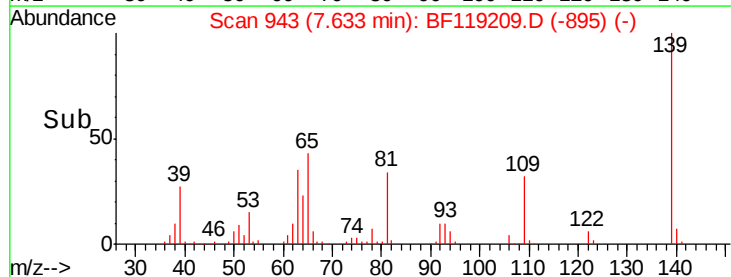
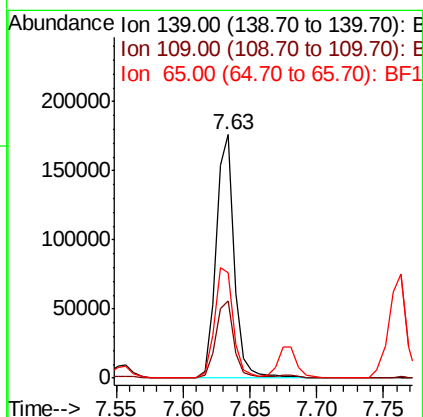
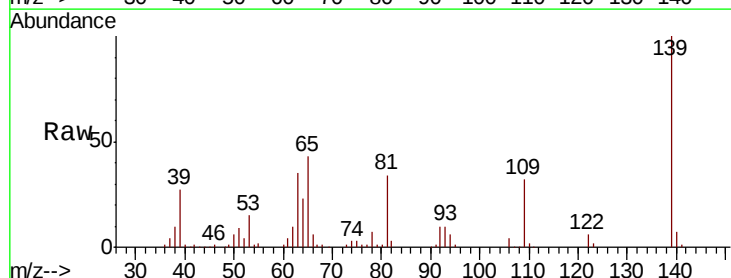
Instrument :
BNA_F
ClientSampleId :

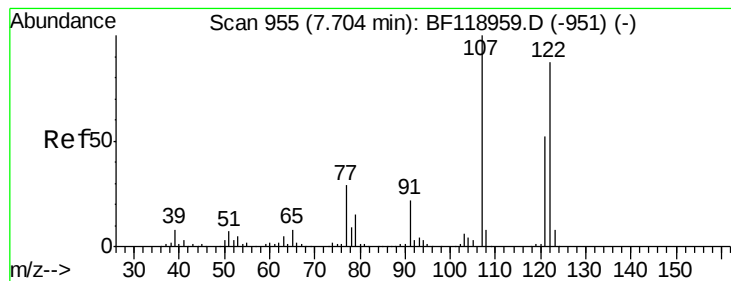
Tot Ion: 82 Resp: 562123
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.9 15.7 23.5



#26
2-Nitrophenol
Concen: 39.304 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion: 139 Resp: 170545
Ion Ratio Lower Upper
139 100
109 31.6 25.7 38.5
65 43.2 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.431 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

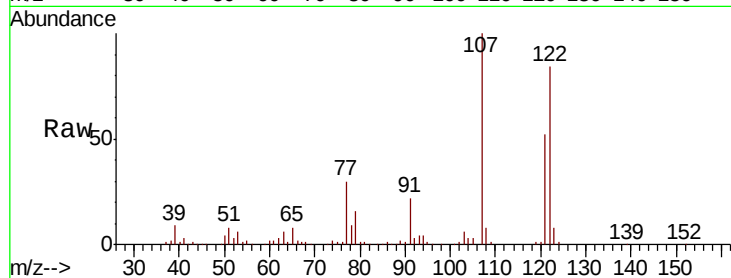
Tot Ion:122 Resp: 232211

Ion Ratio Lower Upper

122 100

107 119.4 93.8 140.6

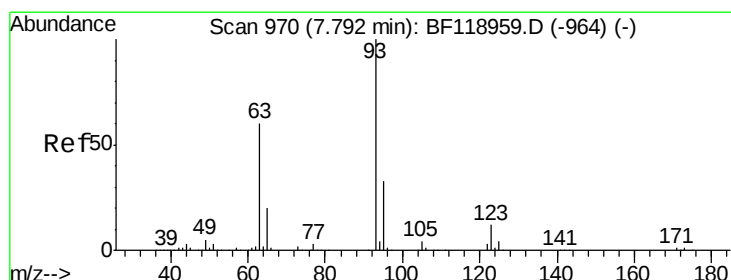
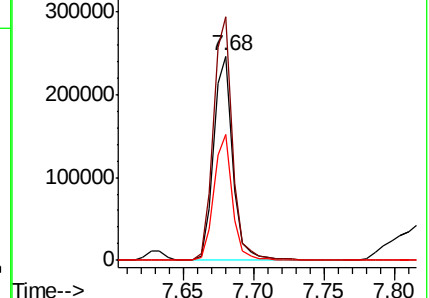
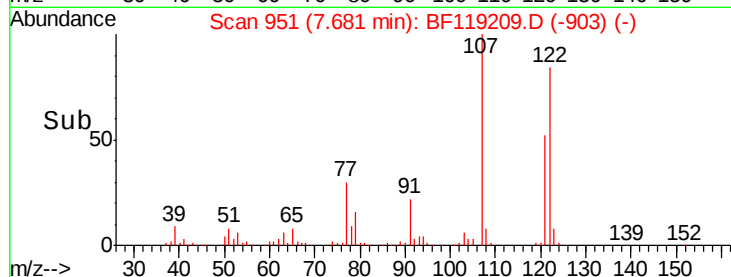
121 61.5 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.578 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

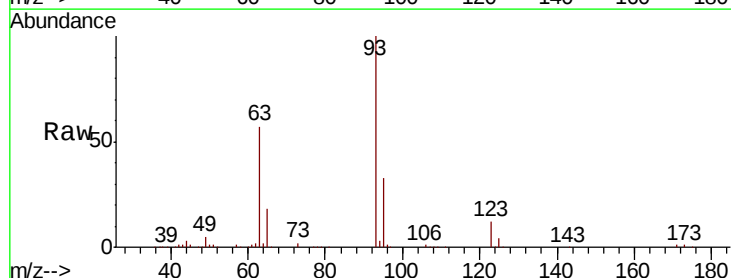
Tgt Ion: 93 Resp: 361146

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

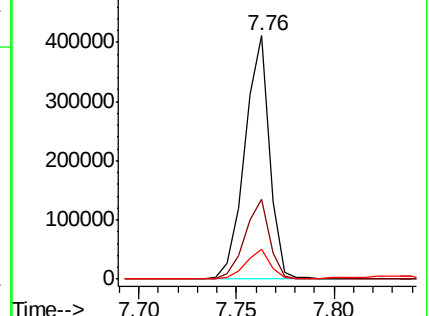
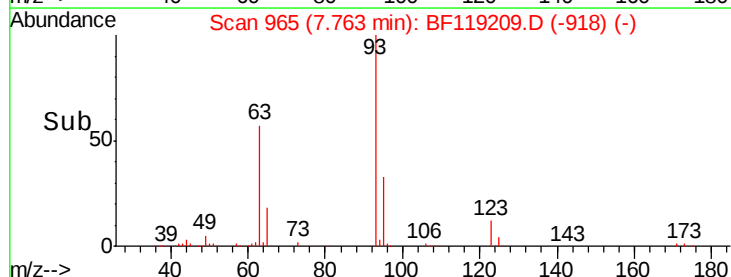
123 12.1 10.2 15.2

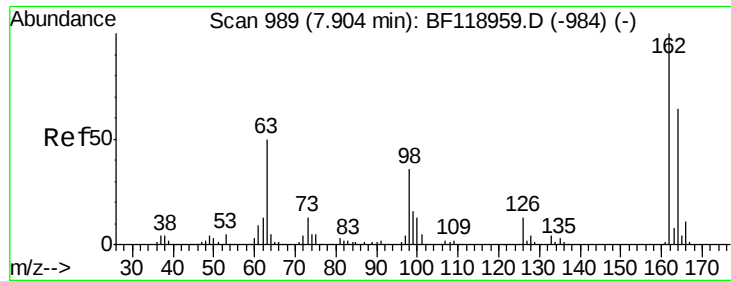


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

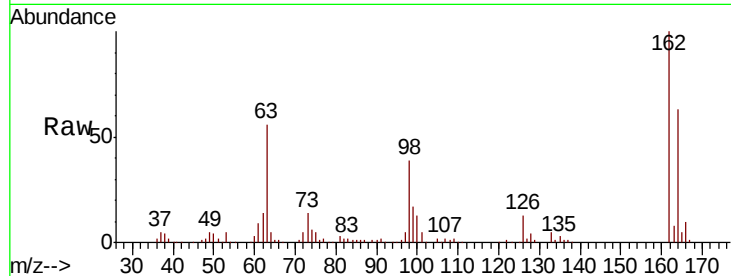




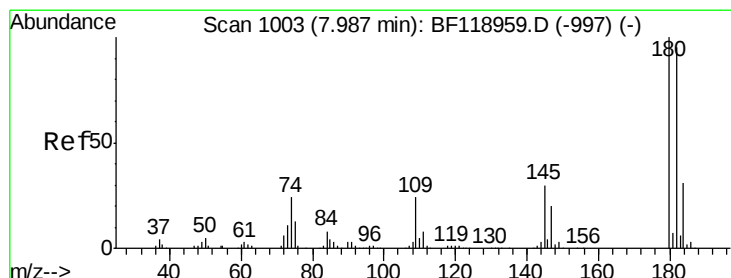
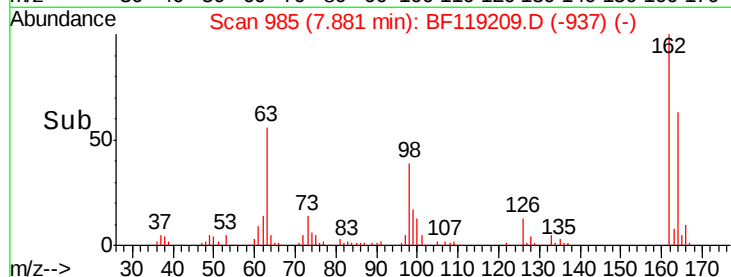
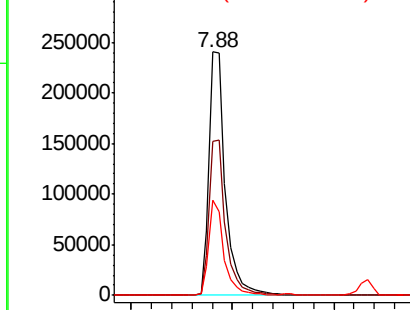
#29
 2,4-Dichlorophenol
 Concen: 38.869 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 269466
 Ion Ratio Lower Upper
 162 100
 164 63.3 45.2 85.2
 98 38.9 17.4 57.4

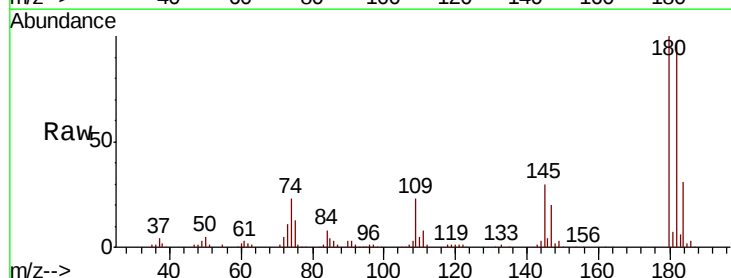


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

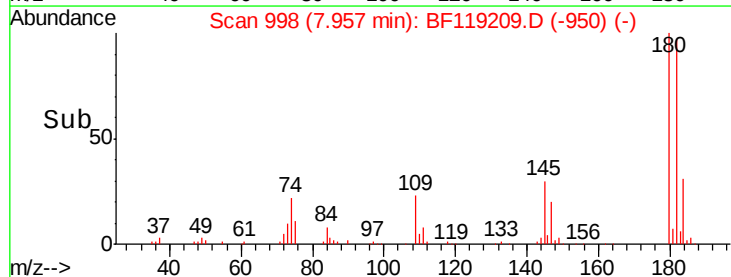
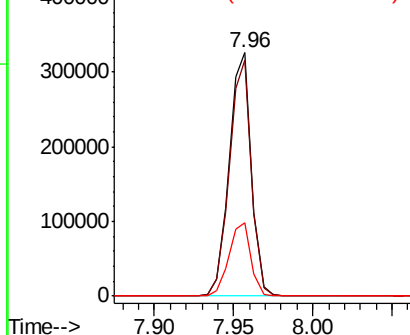


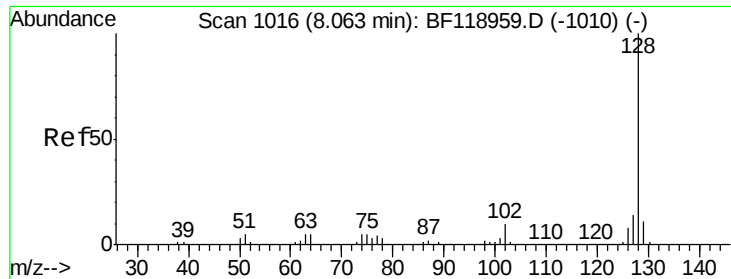
#30
 1,2,4-Trichlorobenzene
 Concen: 38.223 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:180 Resp: 314185
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.8 116.6
 145 30.2 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

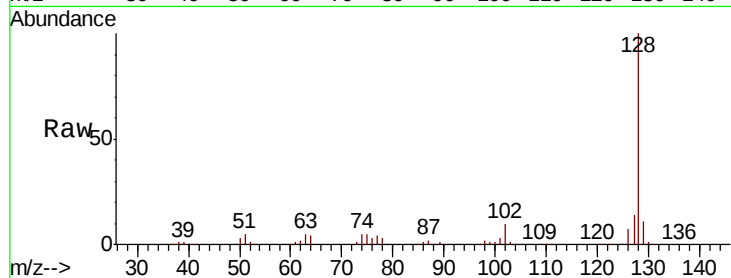




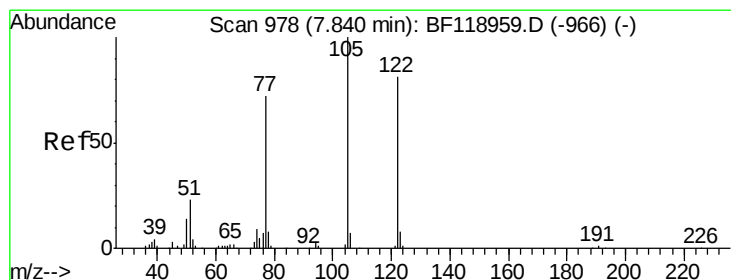
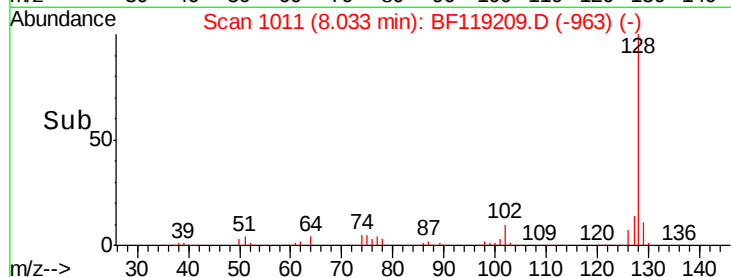
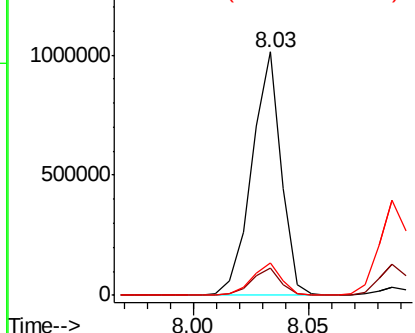
#31
Naphthalene
Concen: 39.564 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 897178
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.6 11.4 17.2

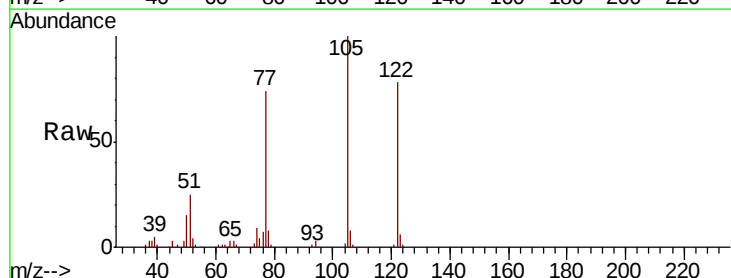


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

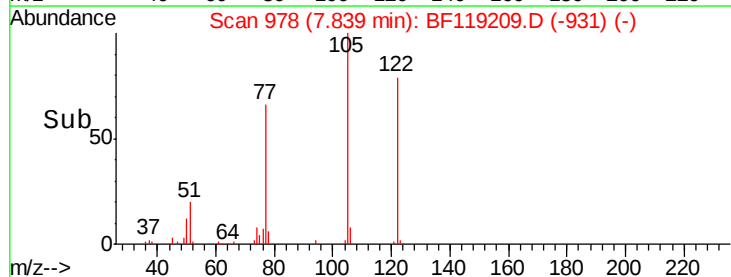
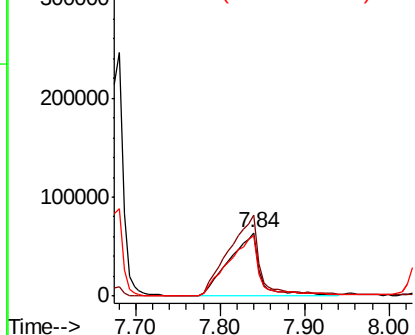


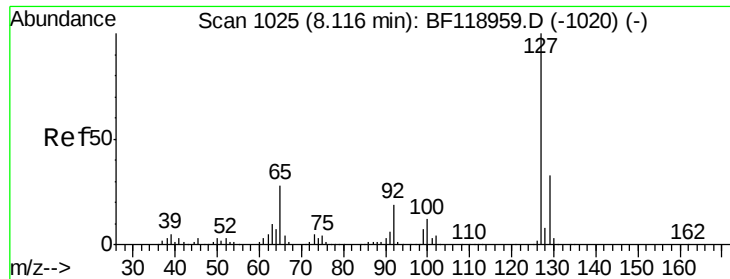
#32
Benzoic acid
Concen: 40.045 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:122 Resp: 166549
Ion Ratio Lower Upper
122 100
105 127.5 106.3 146.3
77 94.6 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

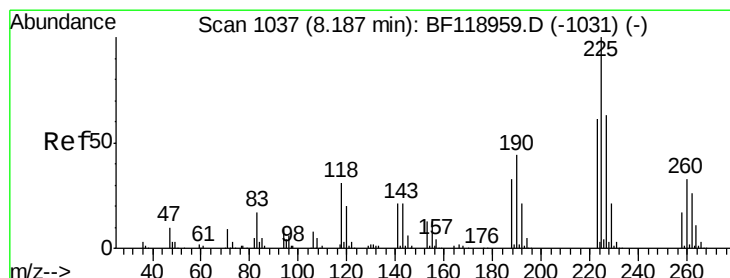
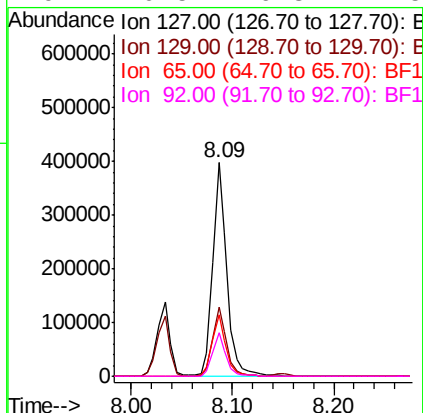
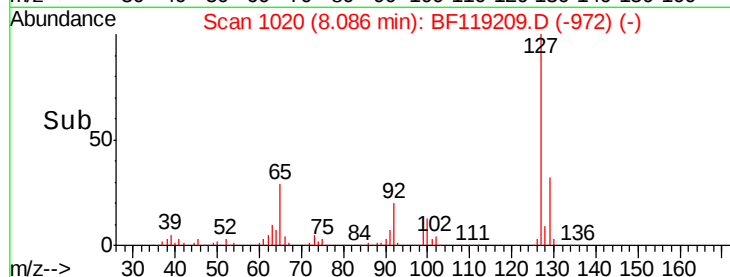
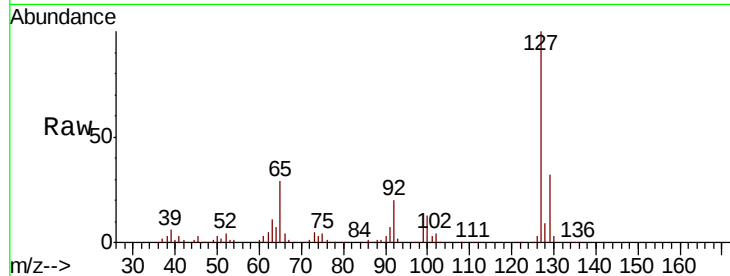




#33
4-Chloroaniline
Concen: 39.257 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

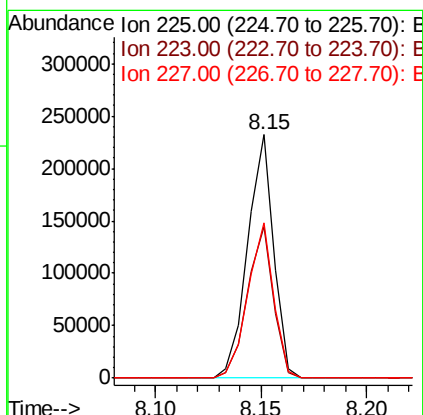
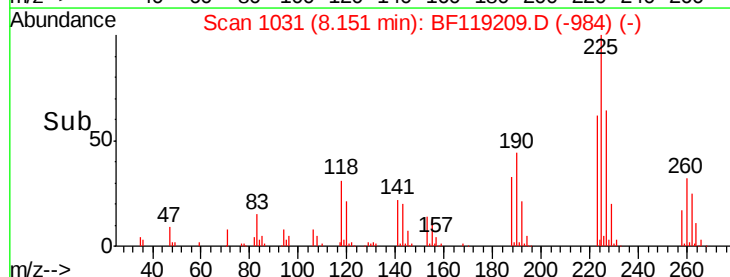
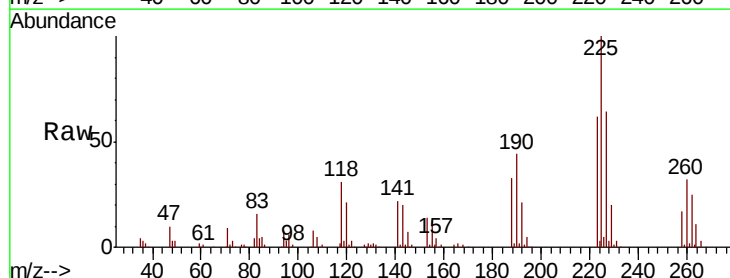
Instrument :
BNA_F
ClientSampleId :

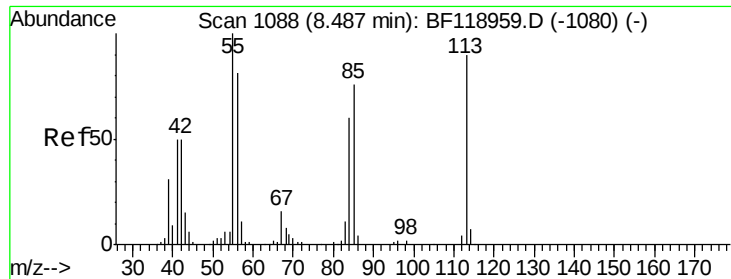
Tot Ion:	127	Resp:	382893
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.0	23.9	35.9
92	20.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.876 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:	225	Resp:	199047
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	63.7	52.9	79.3

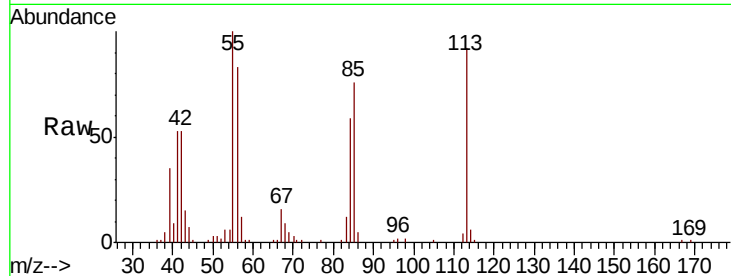




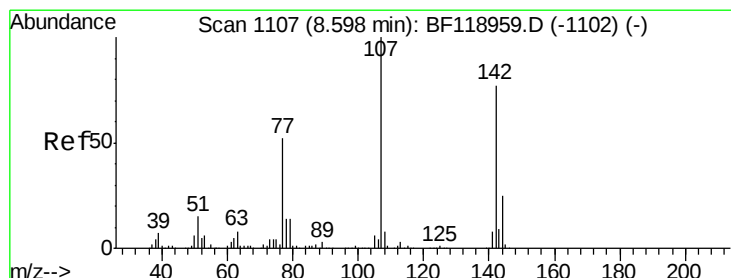
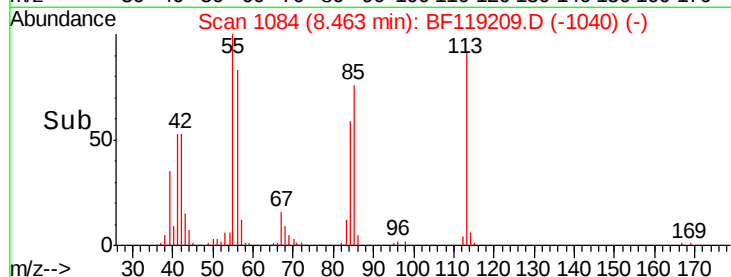
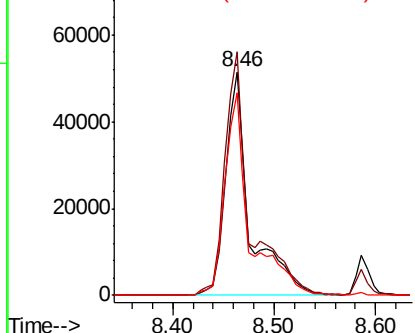
#35
 Caprolactam
 Concen: 40.529 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 86516
 Ion Ratio Lower Upper
 113 100
 55 109.0 95.7 135.7
 56 90.8 73.1 113.1

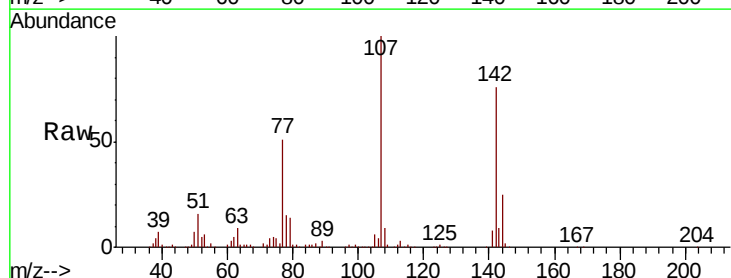


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

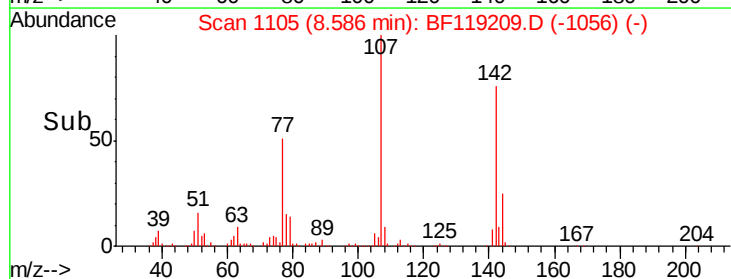
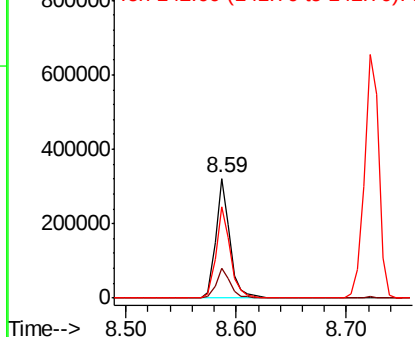


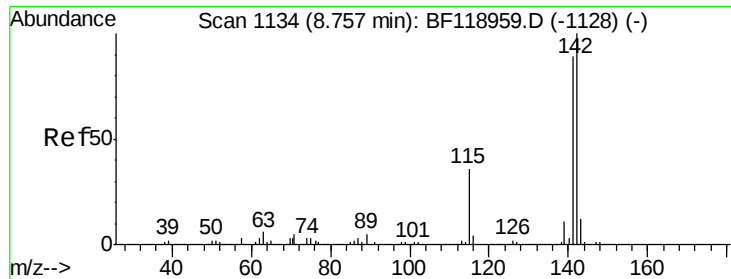
#36
 4-Chloro-3-methylphenol
 Concen: 40.418 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:107 Resp: 283580
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 76.4 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

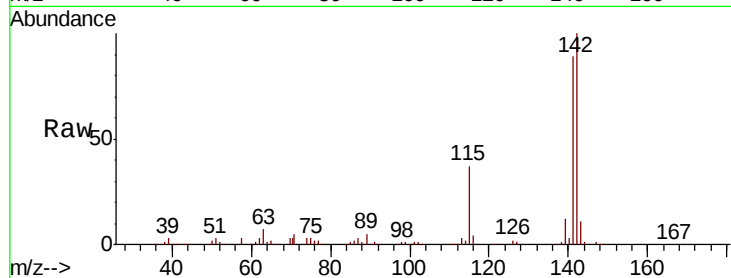




#37
2-Methylnaphthalene
Concen: 39.759 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	37.1	30.6	45.8

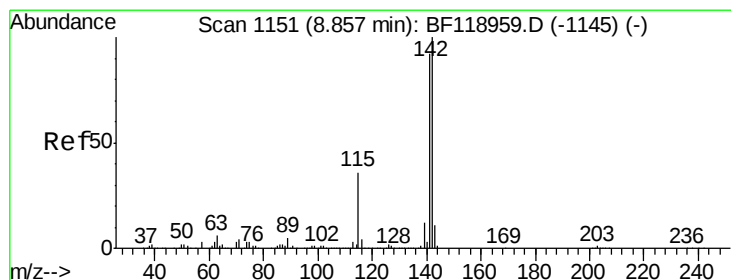
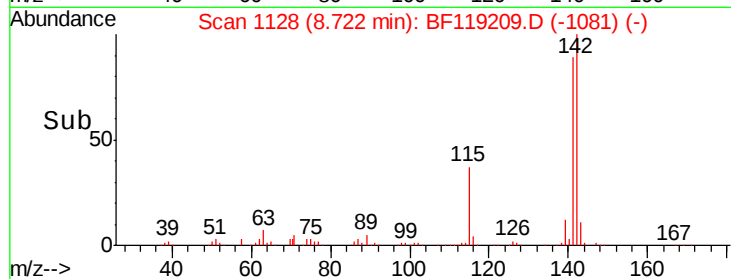
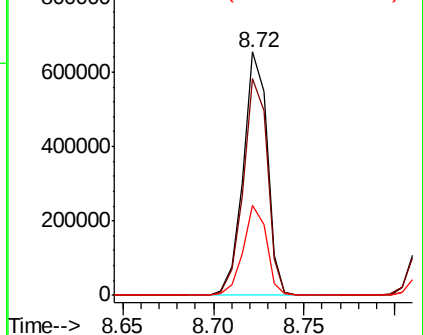


Abundance

Ion 142.00 (141.70 to 142.70): E

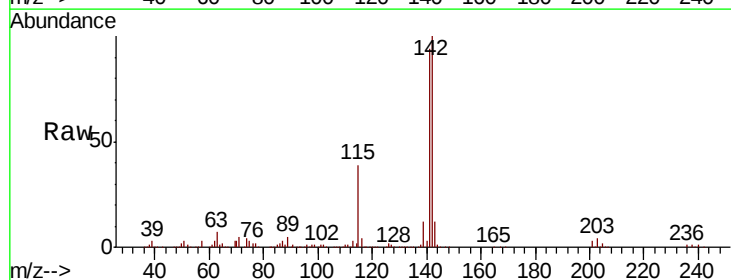
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.918 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.8	113.6
116	4.2	3.1	4.7

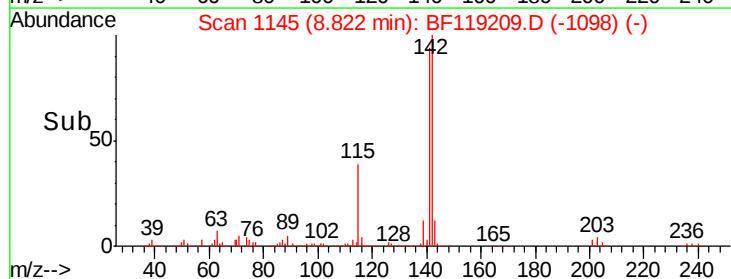
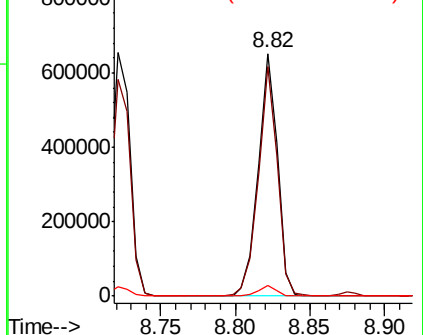


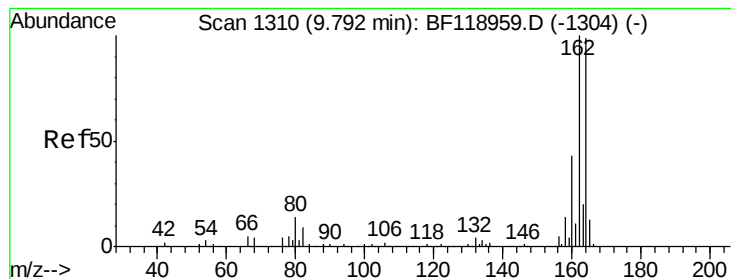
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

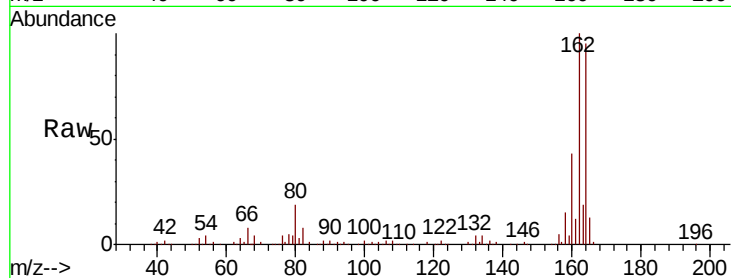
Tot Ion:164 Resp: 245067

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.8

160 45.0 36.0 54.0

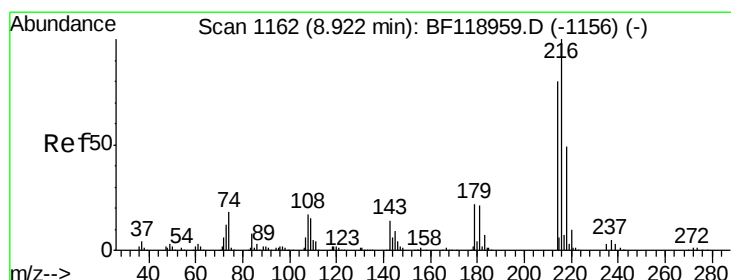
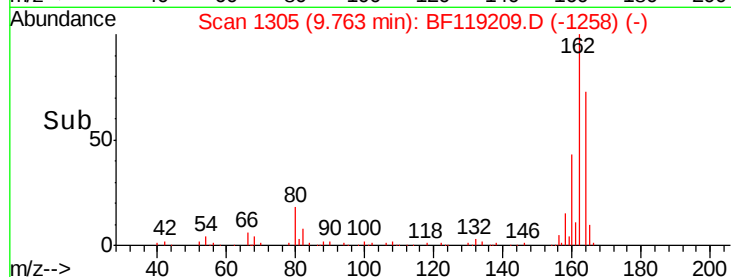
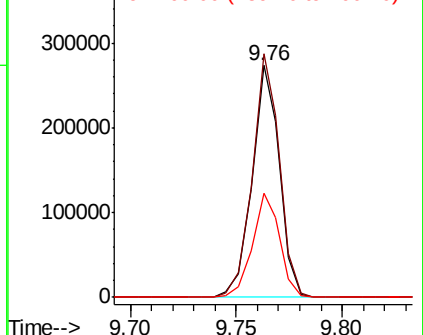


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.436 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Tgt Ion:216 Resp: 317583

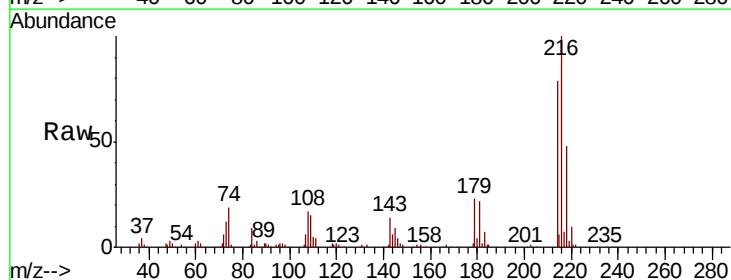
Ion Ratio Lower Upper

216 100

214 78.2 63.3 94.9

179 21.9 17.7 26.5

108 16.9 13.9 20.9



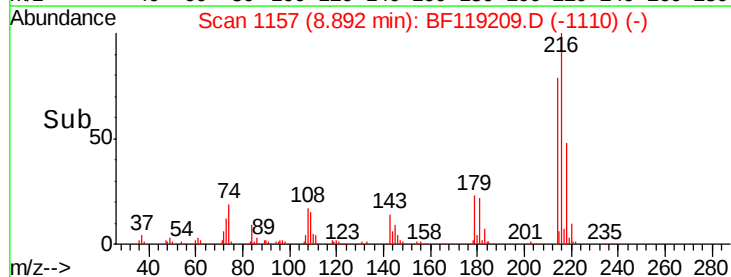
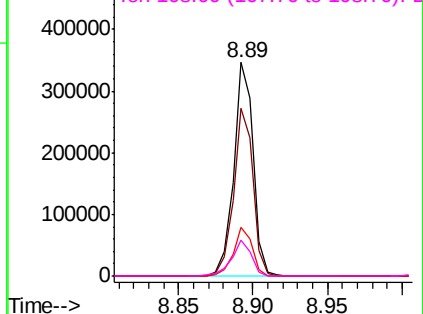
Abundance

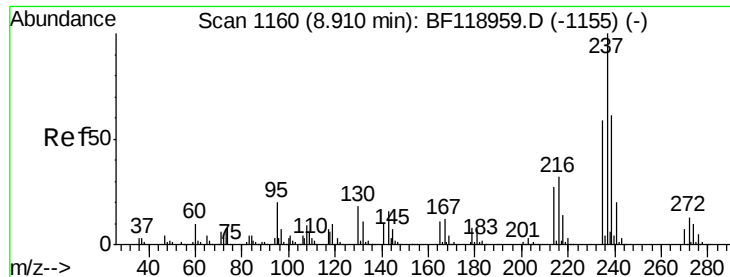
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.625 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

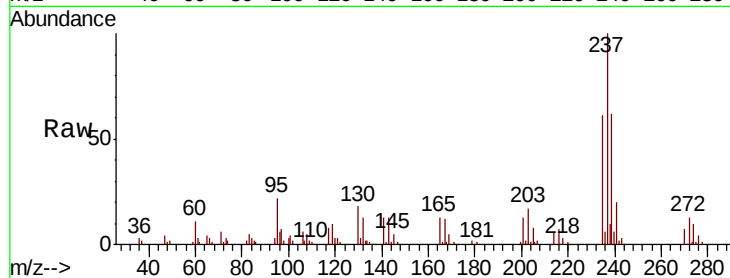
Tot Ion:237 Resp: 79163

Ion Ratio Lower Upper

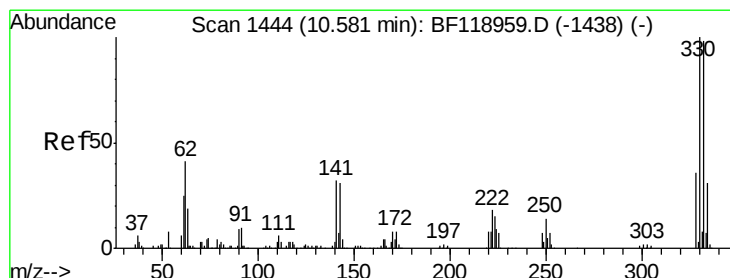
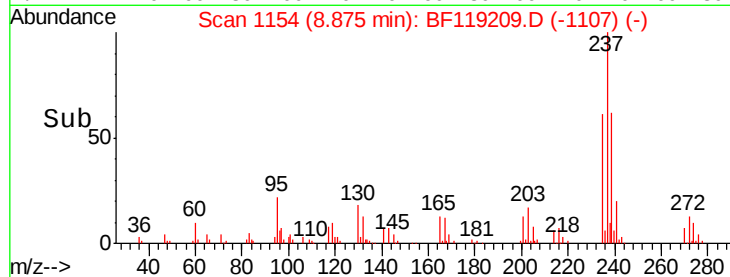
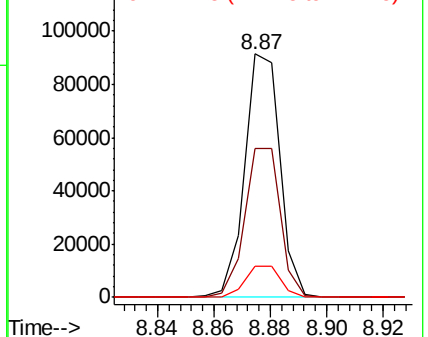
237 100

235 61.1 42.3 82.3

272 12.7 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.157 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

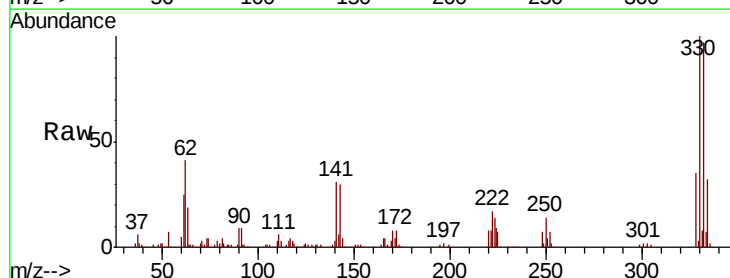
Tgt Ion:330 Resp: 250564

Ion Ratio Lower Upper

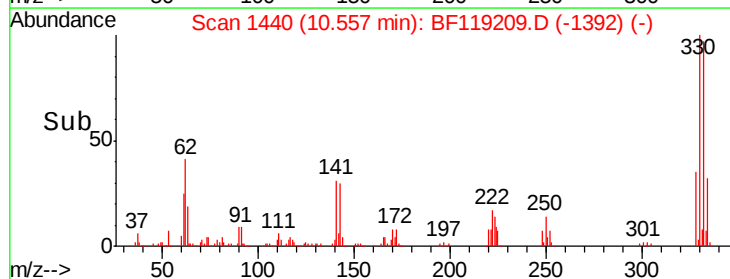
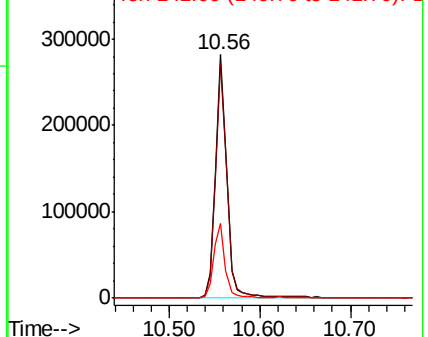
330 100

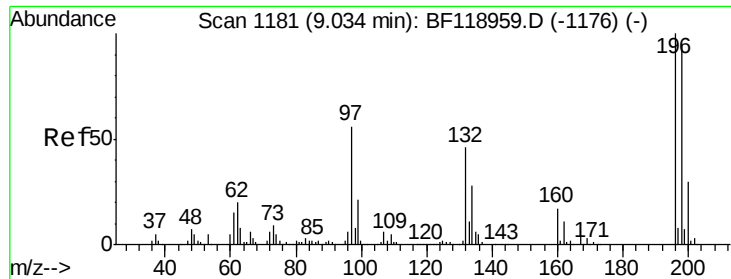
332 97.4 76.0 114.0

141 30.5 22.9 34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

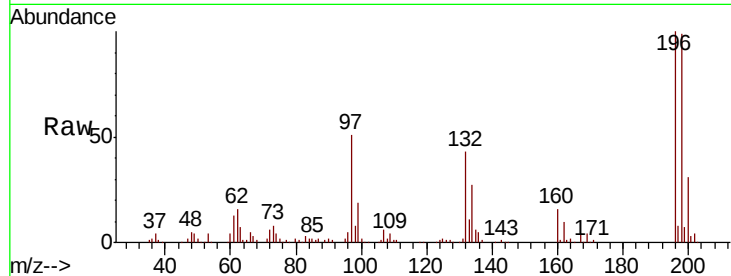




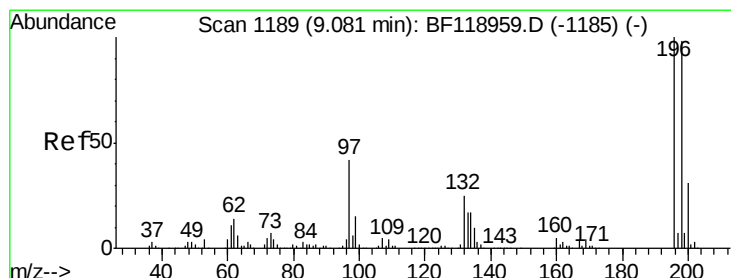
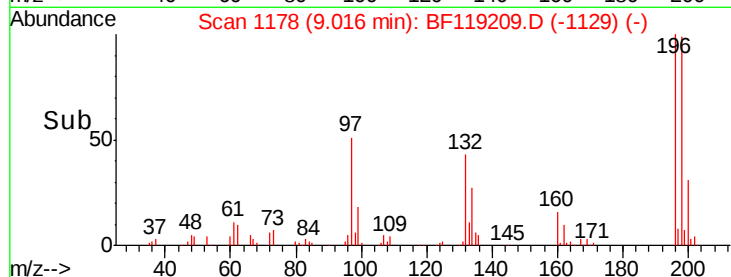
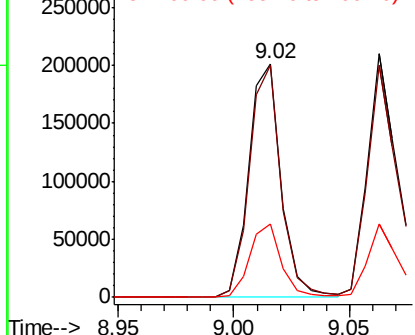
#43
 2,4,6-Trichlorophenol
 Concen: 37.959 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 198061
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.1 115.7
 200 31.3 25.0 37.6

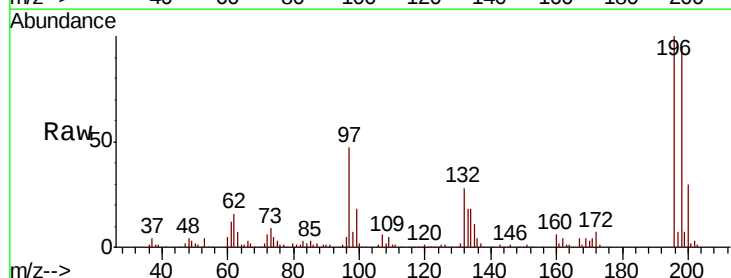


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

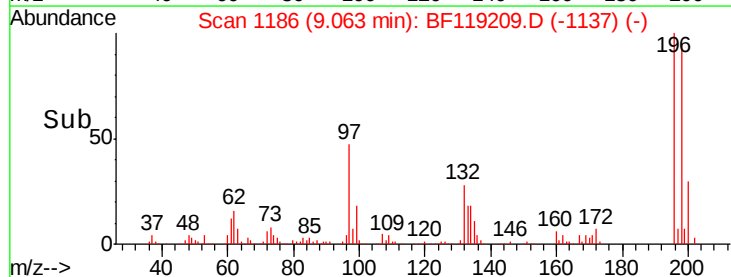
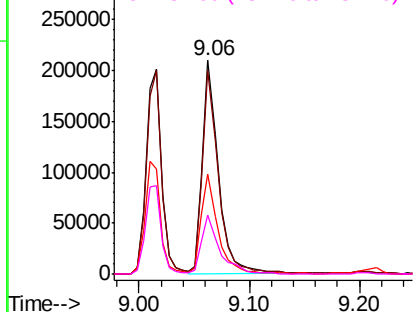


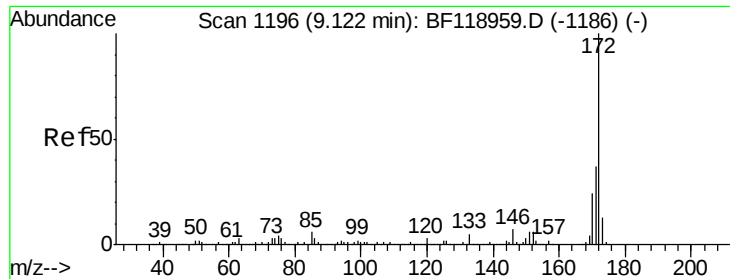
#44
 2,4,5-Trichlorophenol
 Concen: 37.475 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:196 Resp: 205188
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.8 115.2
 97 46.9 38.5 57.7
 132 27.5 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



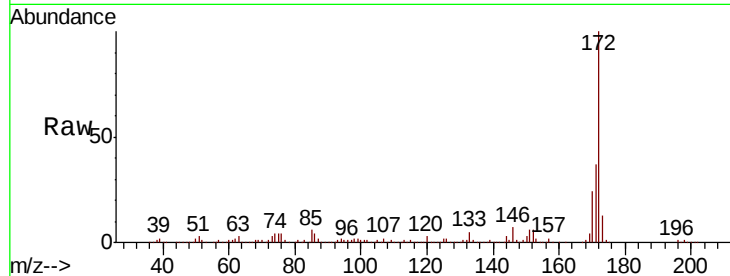


#45
 2-Fluorobiphenyl
 Concen: 78.638 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

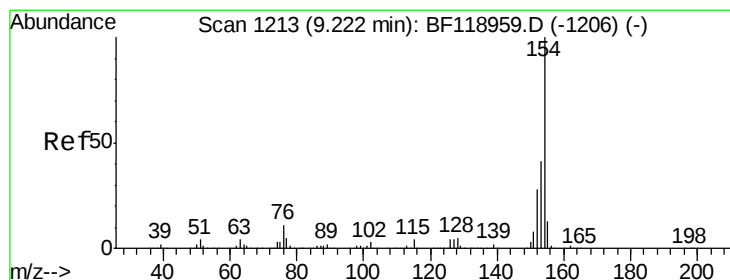
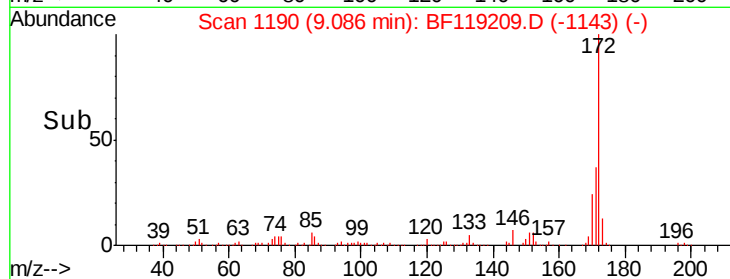
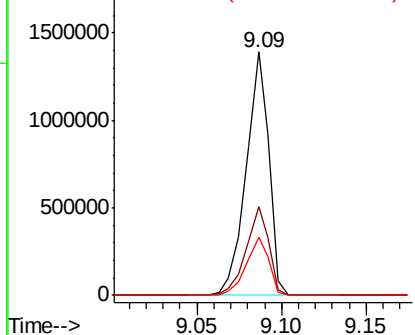
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1308170

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.1	20.2	30.2



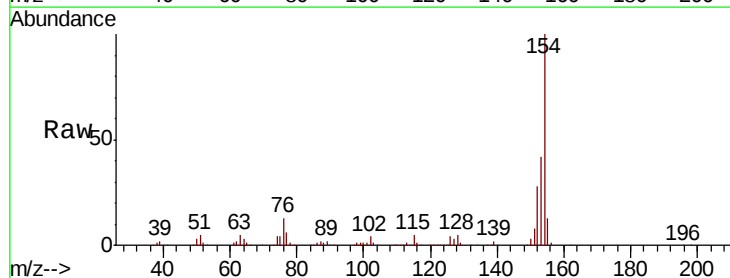
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



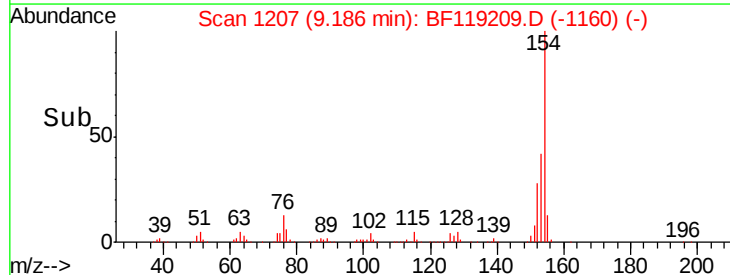
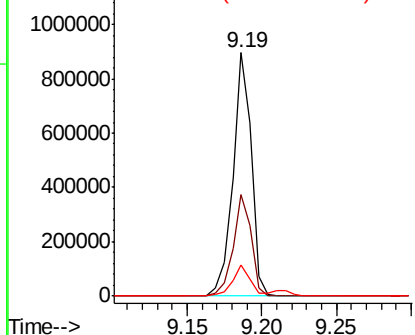
#46
 1,1'-Biphenyl
 Concen: 39.263 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

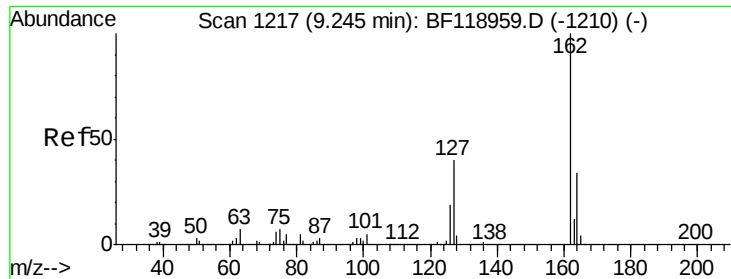
Tgt Ion:154 Resp: 777651

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.8	0.0	32.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

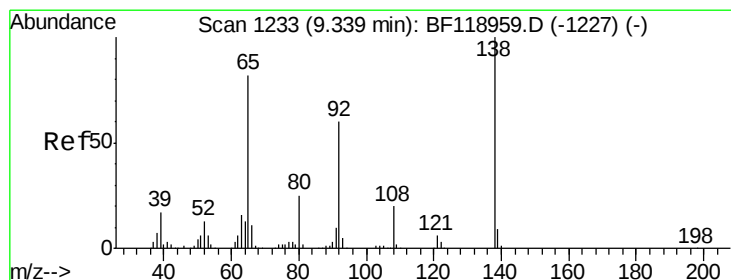
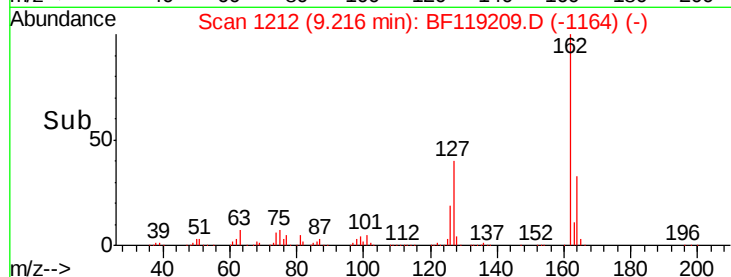
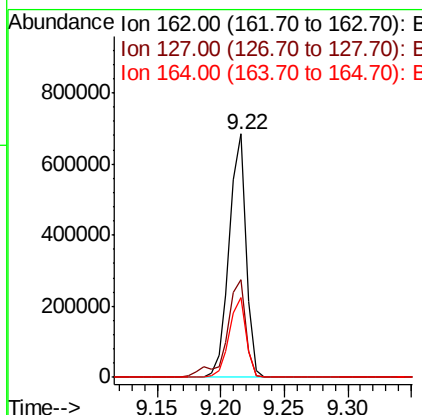
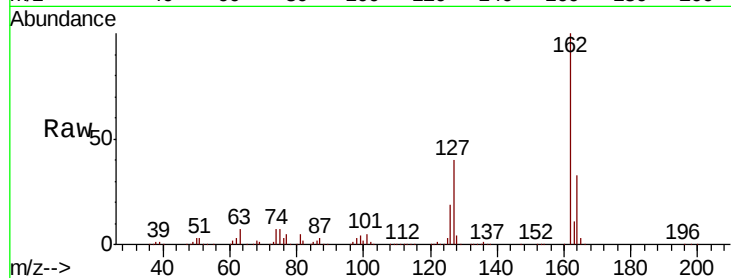




#47
 2-Chloronaphthalene
 Concen: 39.519 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

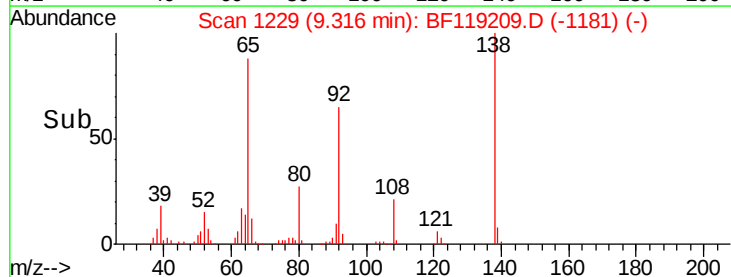
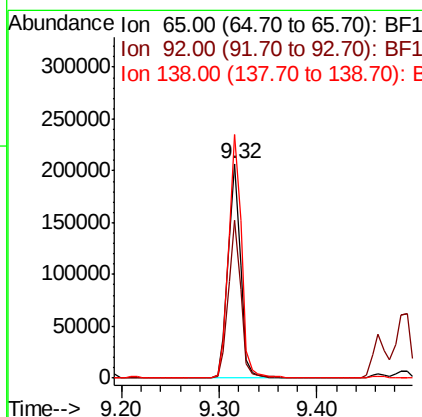
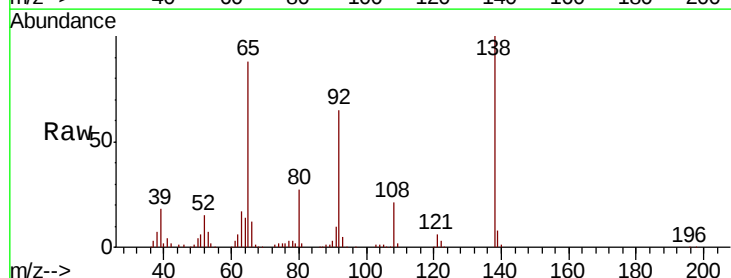
Instrument :
 BNA_F
 ClientSampleId :

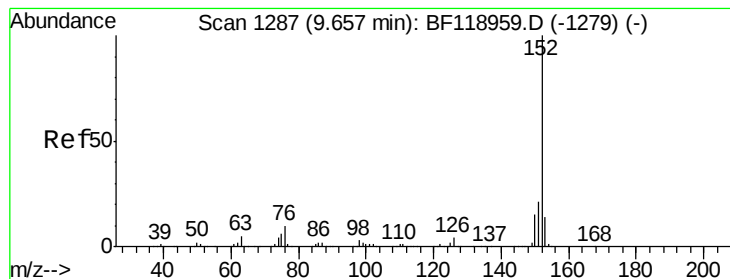
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	35.0	52.4
164	32.8	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.815 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	113.5	95.6	143.4





#49

Acenaphthylene

Concen: 39.460 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

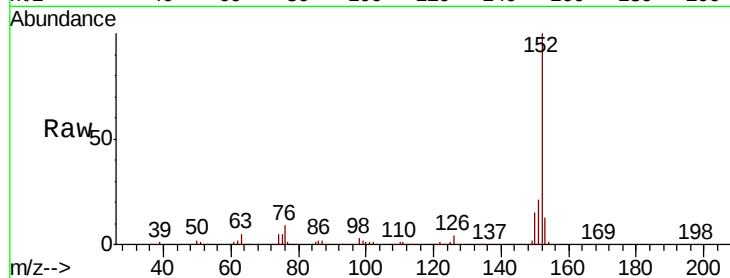
Tot Ion:152 Resp: 909644

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

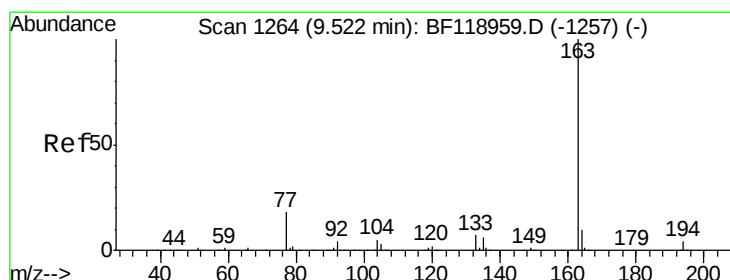
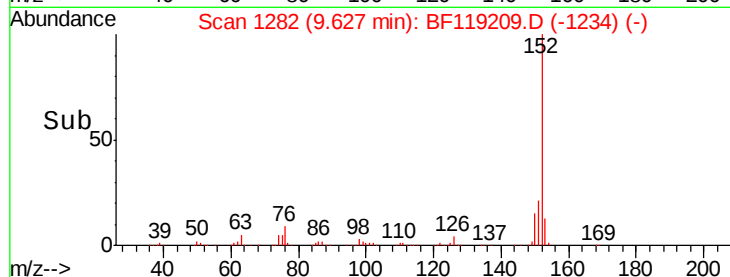
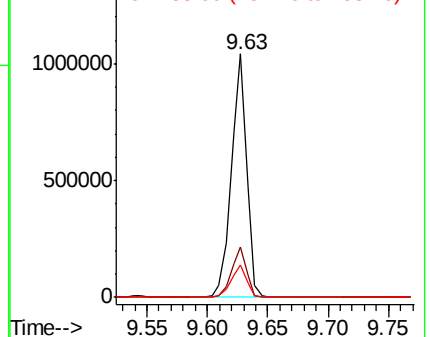
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.301 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

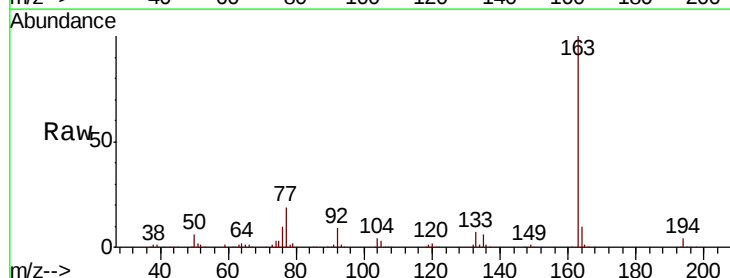
Tgt Ion:163 Resp: 736491

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

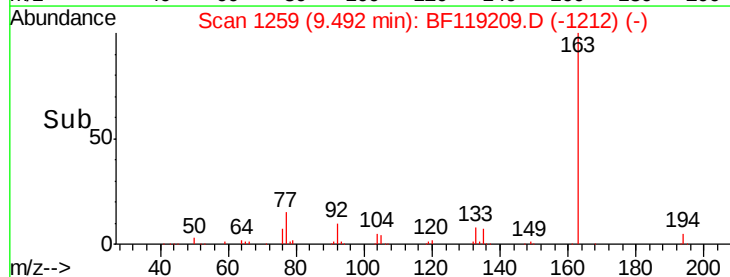
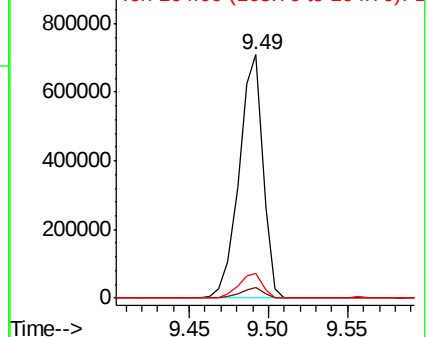
164 10.1 8.4 12.6

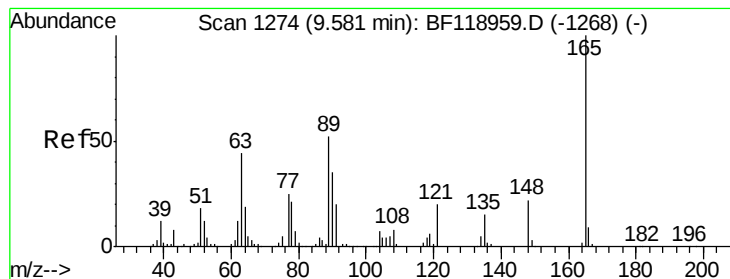


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.090 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

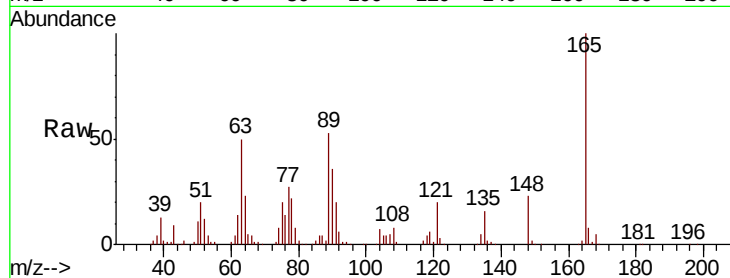
Tot Ion:165 Resp: 162748

Ion Ratio Lower Upper

165 100

63 50.0 34.3 51.5

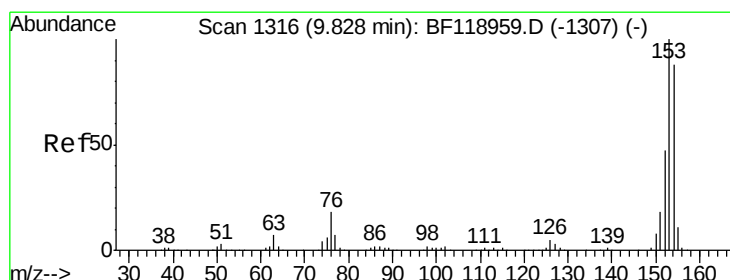
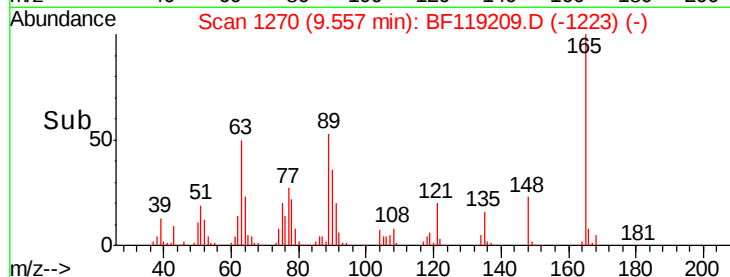
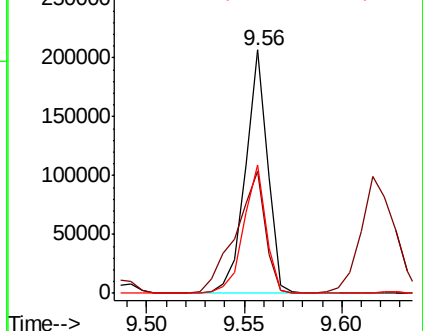
89 52.7 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.492 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

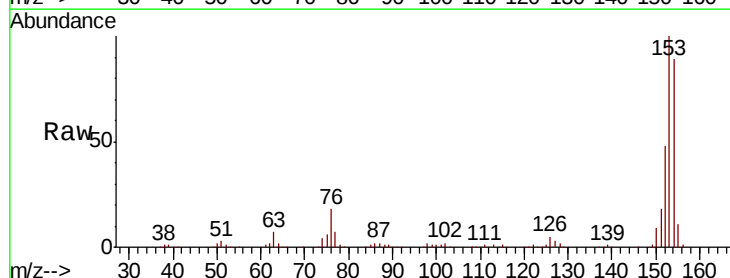
Tgt Ion:154 Resp: 548942

Ion Ratio Lower Upper

154 100

153 112.5 90.3 135.5

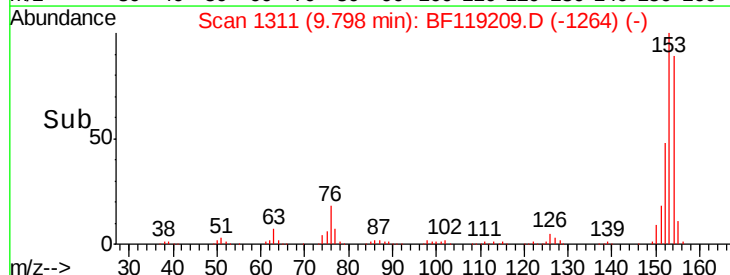
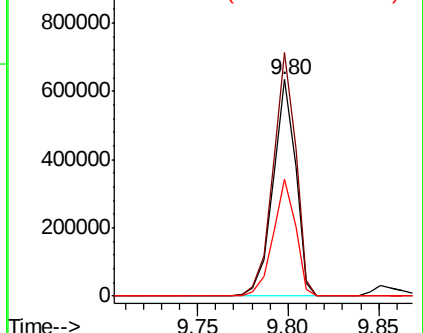
152 54.2 43.8 65.8

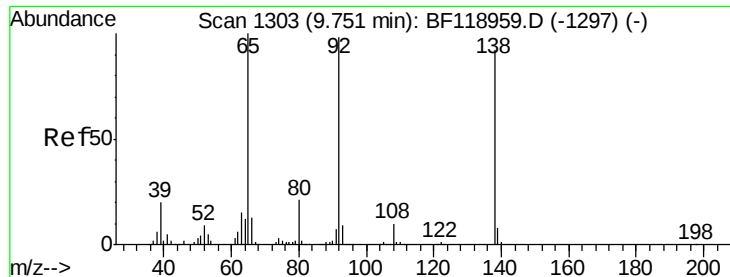


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

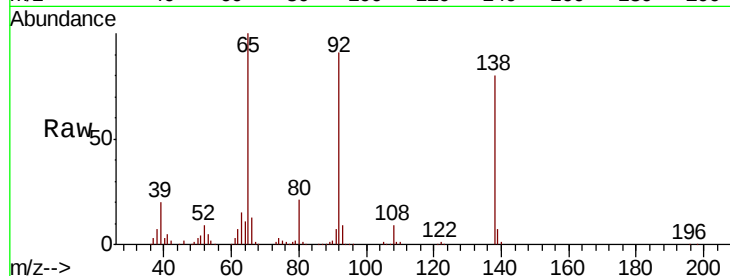




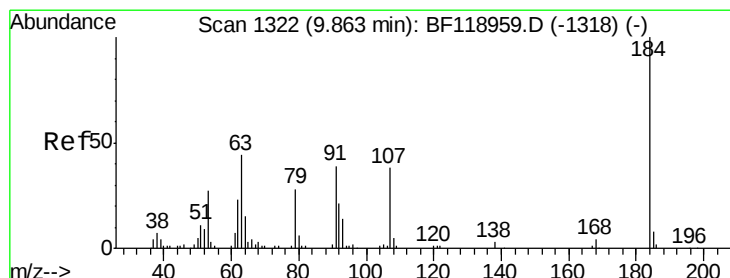
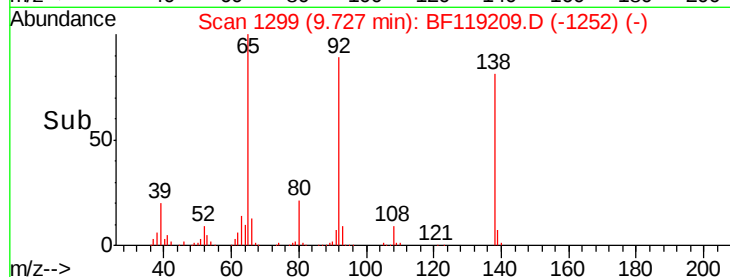
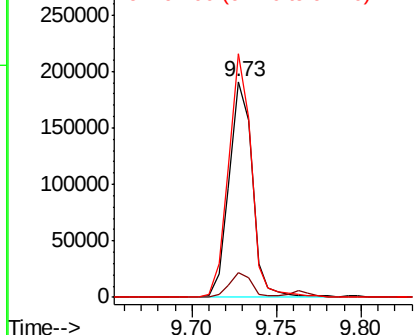
#53
3-Nitroaniline
Concen: 39.641 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 182968
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 112.7 84.8 127.2

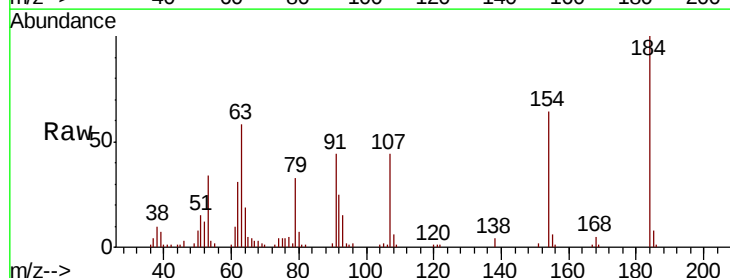


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

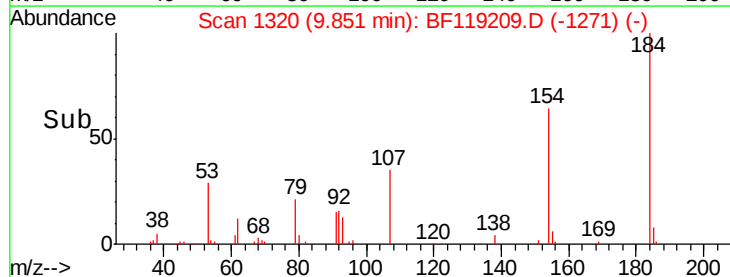
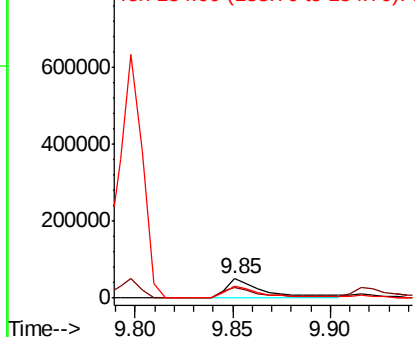


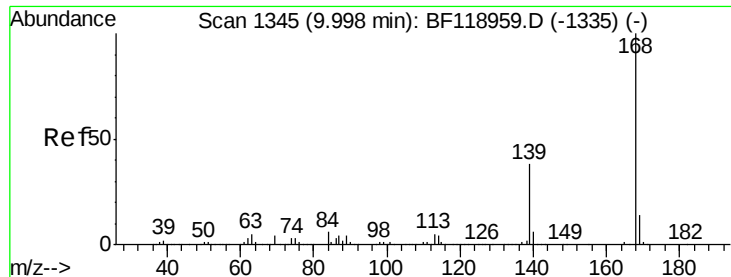
#54
2,4-Dinitrophenol
Concen: 37.695 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:184 Resp: 67453
Ion Ratio Lower Upper
184 100
63 58.3 38.7 58.1#
154 63.9 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

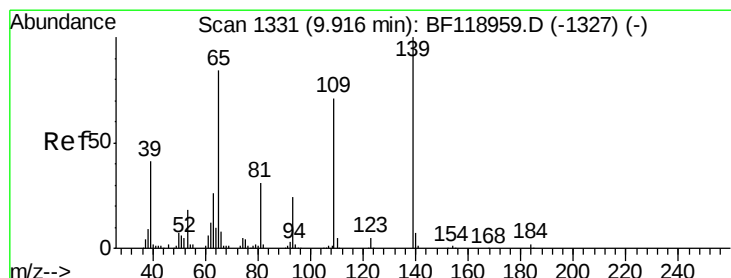
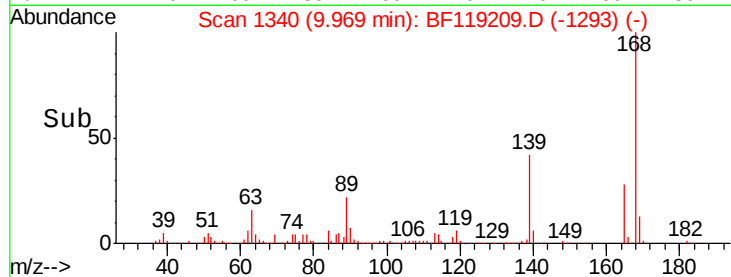
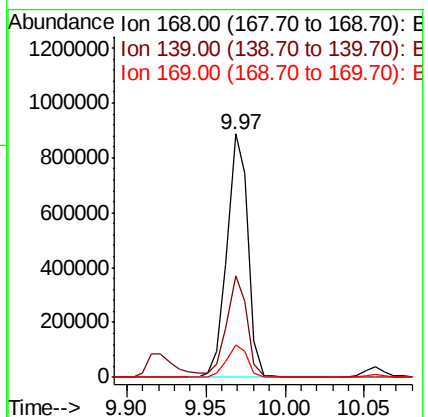
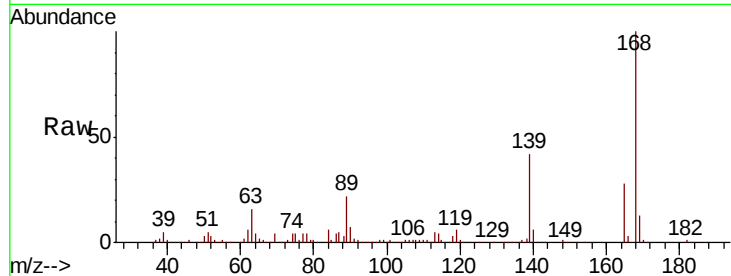




#55
Dibenzenofuran
Concen: 39.198 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

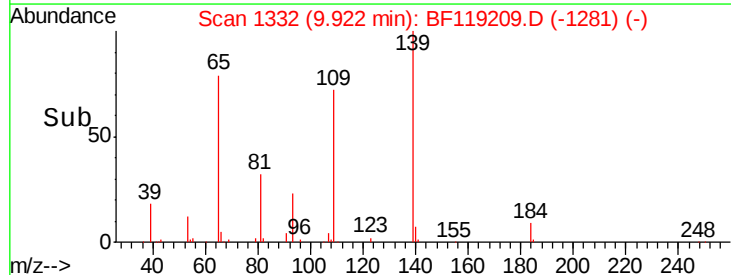
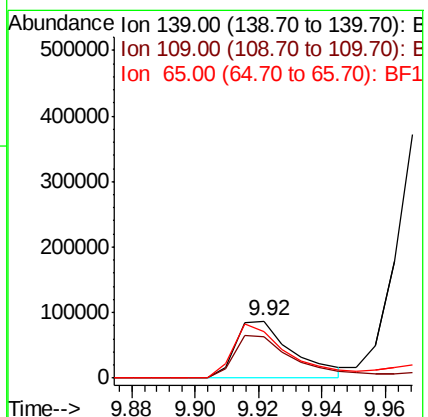
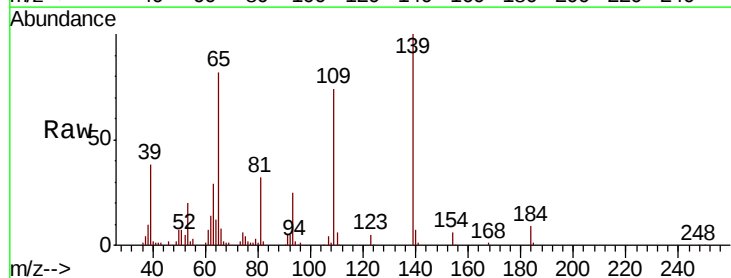
Instrument :
BNA_F
ClientSampleId :

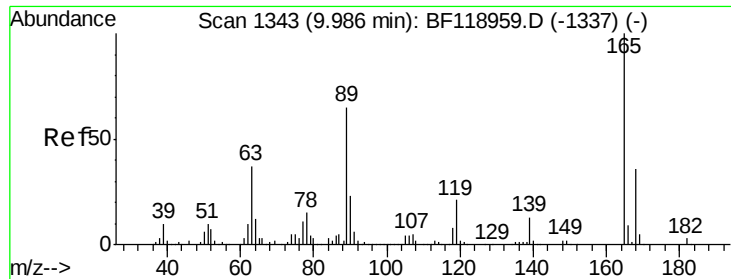
Tot Ion:168 Resp: 813259
Ion Ratio Lower Upper
168 100
139 41.9 34.0 51.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 39.184 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:139 Resp: 108664
Ion Ratio Lower Upper
139 100
109 73.8 56.7 96.7
65 81.9 65.0 105.0

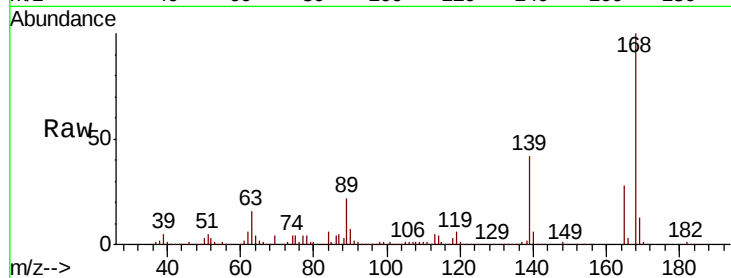




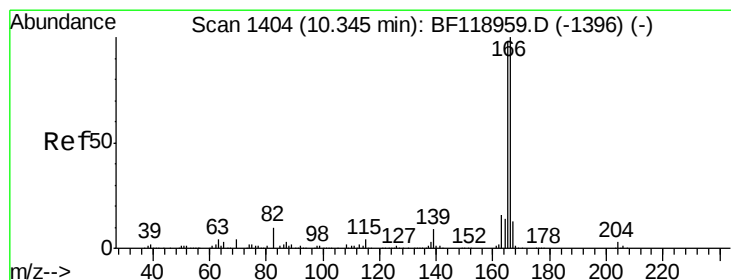
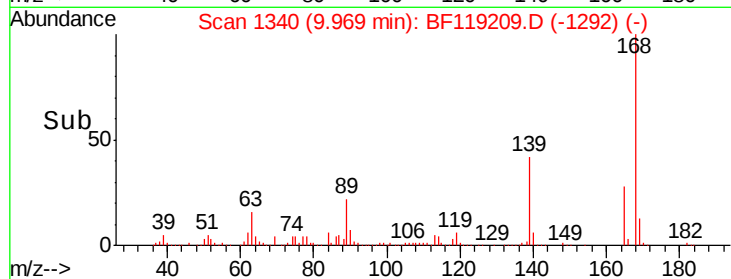
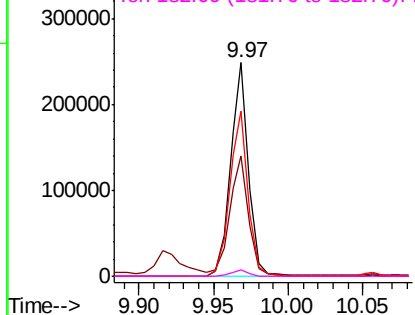
#57
 2,4-Dinitrotoluene
 Concen: 38.914 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	210001
Ion Ratio	Lower	Upper
165	100	
63	56.4	42.3 63.5
89	77.6	60.2 90.4
182	3.1	2.3 3.5

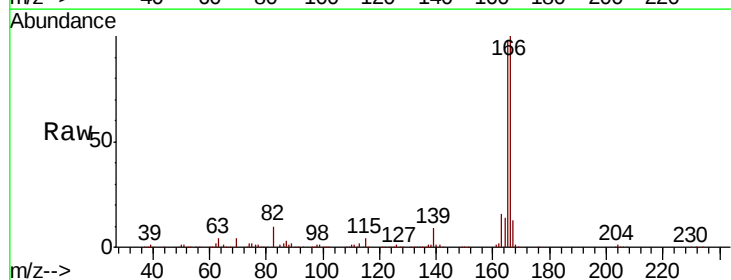


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

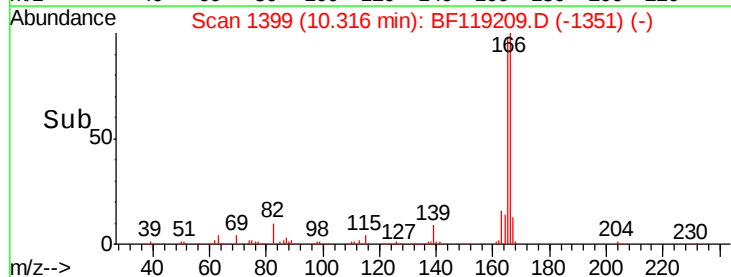
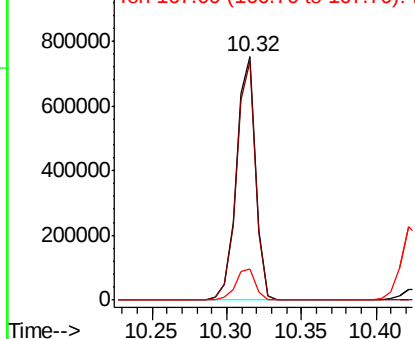


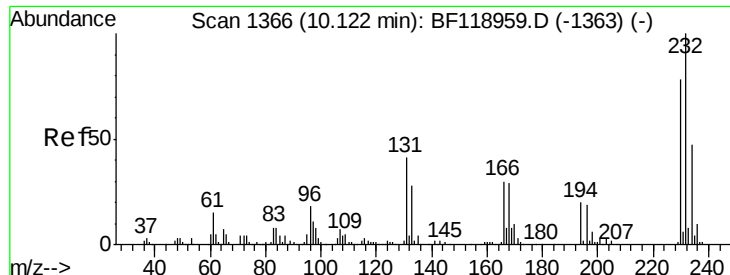
#58
 Fluorene
 Concen: 41.862 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:166	Resp:	674892
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.5 117.7
167	13.0	11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

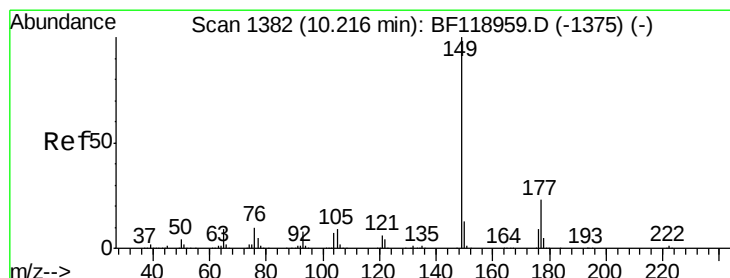
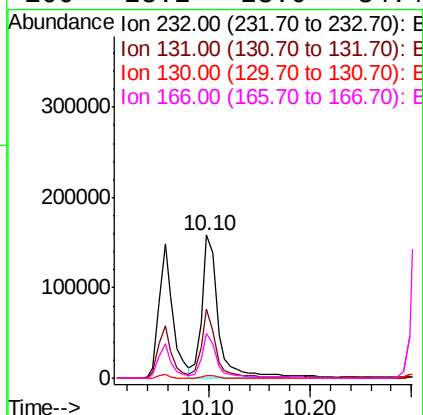
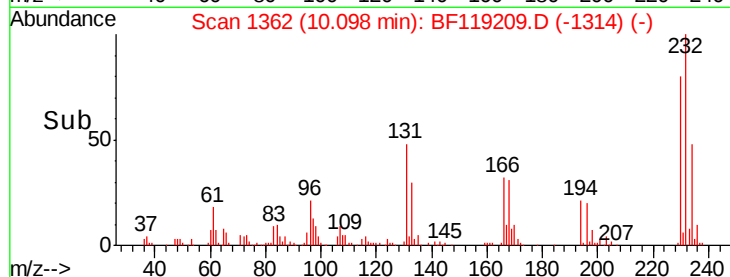
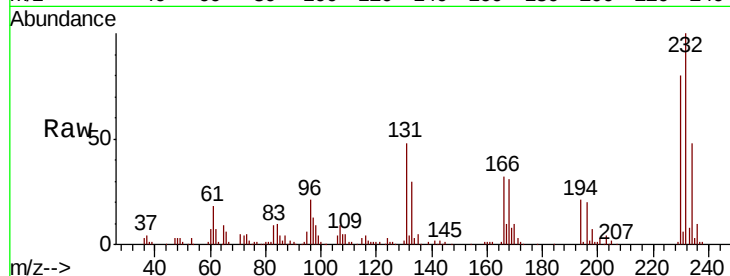




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.012 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

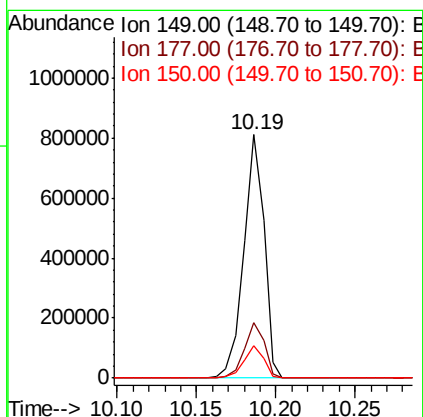
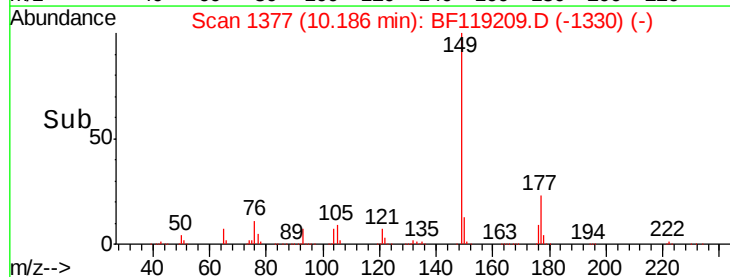
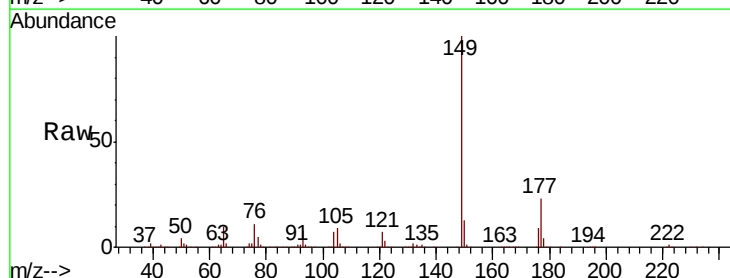
Instrument :
BNA_F
ClientSampleId :

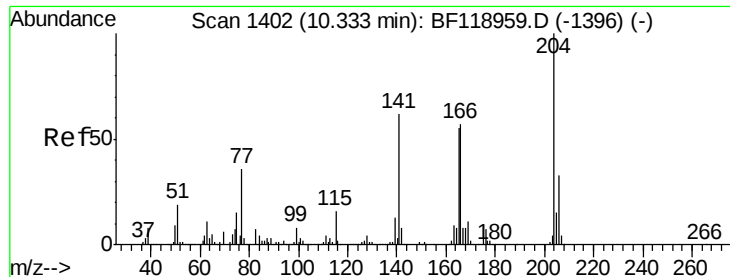
Tot Ion:232 Resp: 175620
Ion Ratio Lower Upper
232 100
131 41.3 33.8 50.8
130 2.0 1.8 2.6
166 28.2 23.0 34.4



#60
Diethylphthalate
Concen: 40.564 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:149 Resp: 716363
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 13.1 10.5 15.7

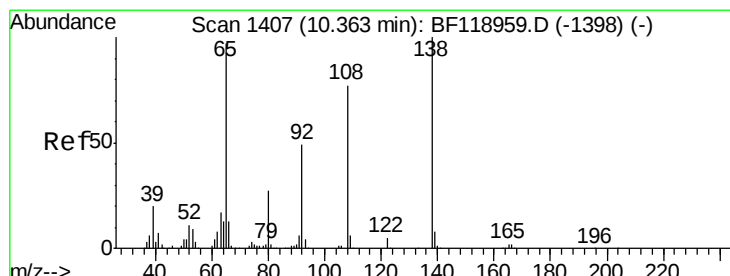
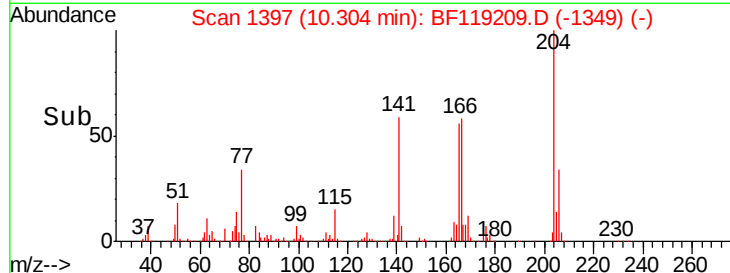
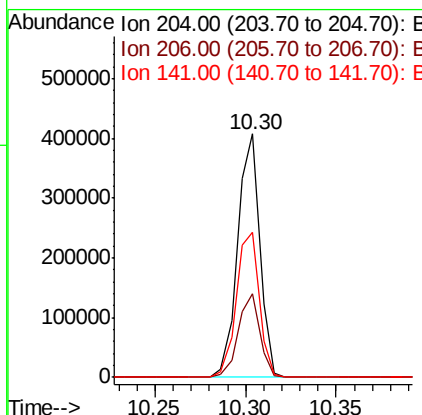
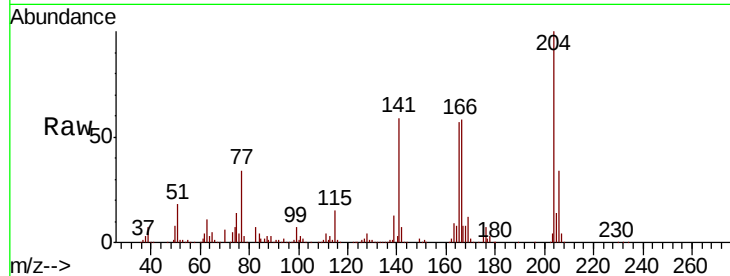




#61
 4-Chlorophenyl-phenylether
 Concen: 40.736 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

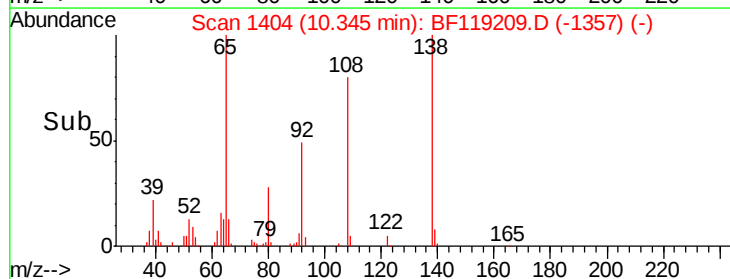
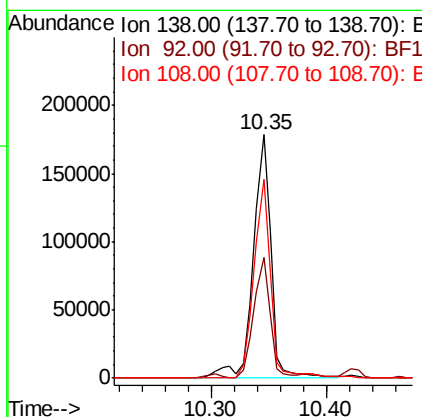
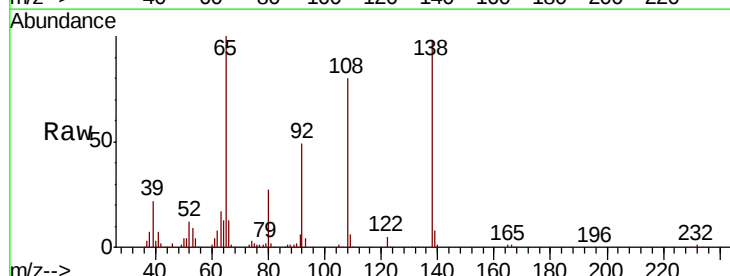
Instrument :
 BNA_F
 ClientSampled :

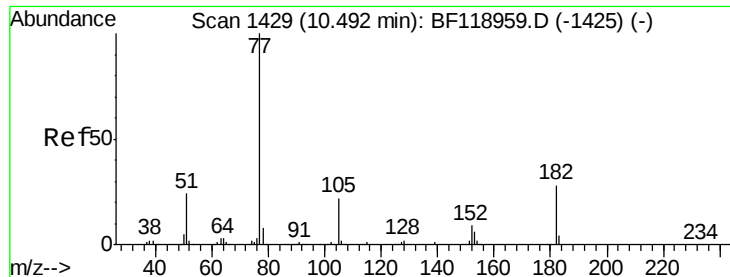
Tot Ion:	204	Resp:	347628
Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.1	40.7
141	59.5	52.9	79.3



#62
 4-Nitroaniline
 Concen: 40.585 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:	138	Resp:	191656
Ion	Ratio	Lower	Upper
138	100		
92	49.7	27.3	67.3
108	81.4	57.0	97.0





#63

Azobenzene

Concen: 40.661 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 624154

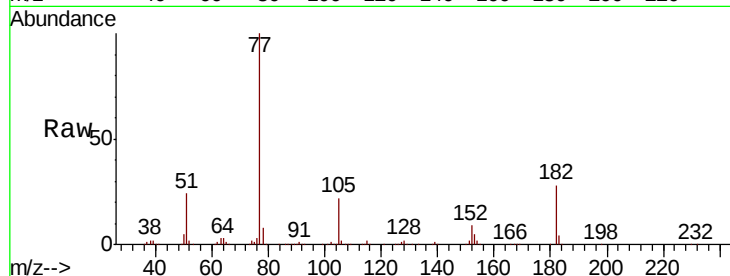
Ion Ratio Lower Upper

77 100

182 27.7 11.4 51.4

105 22.4 3.4 43.4

51 24.1 5.1 45.1

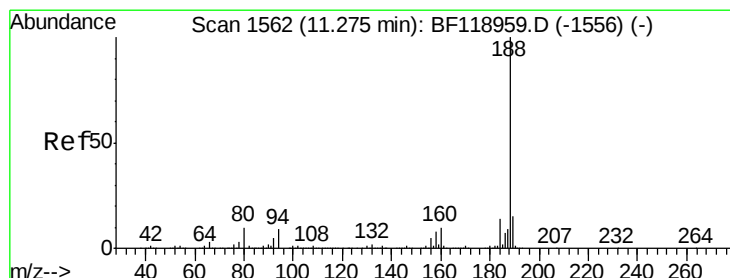
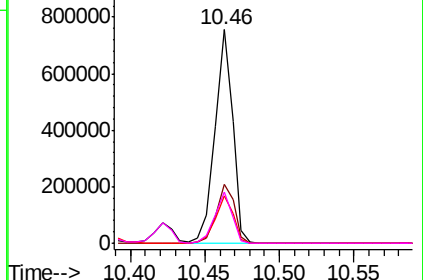
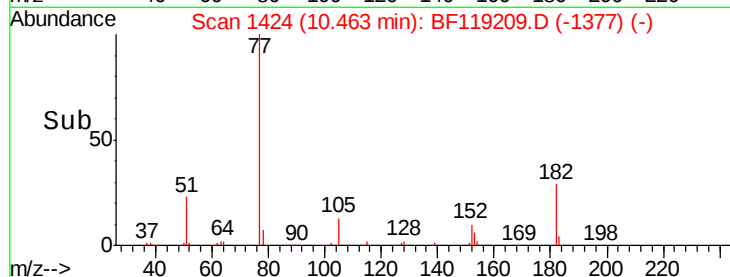


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

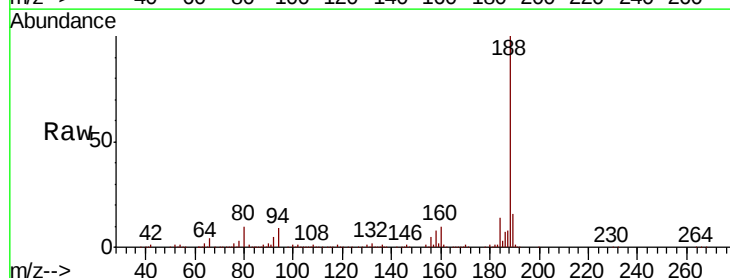
Tgt Ion: 188 Resp: 465619

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

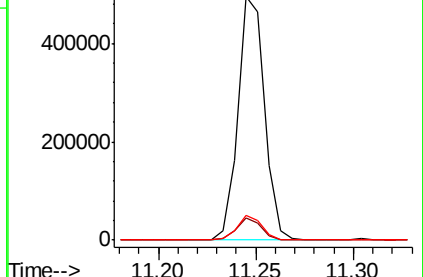
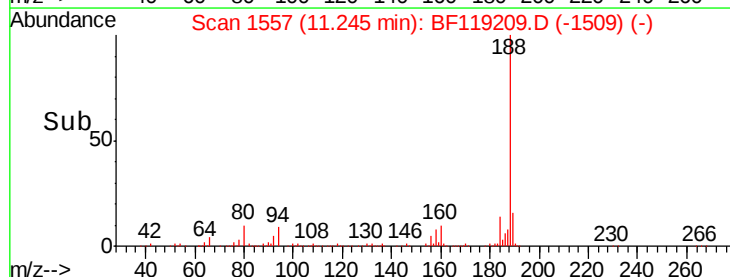
80 10.2 7.8 11.8

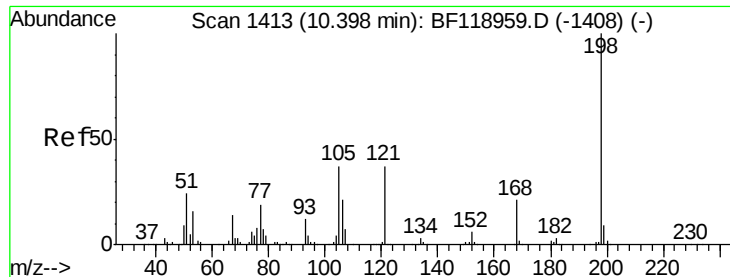


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.183 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampled :

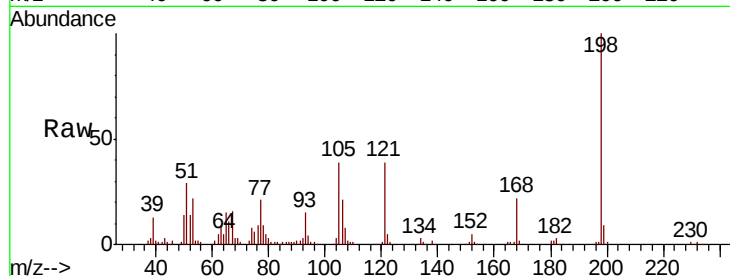
Tot Ion:198 Resp: 110398

Ion Ratio Lower Upper

198 100

51 29.2 14.2 54.2

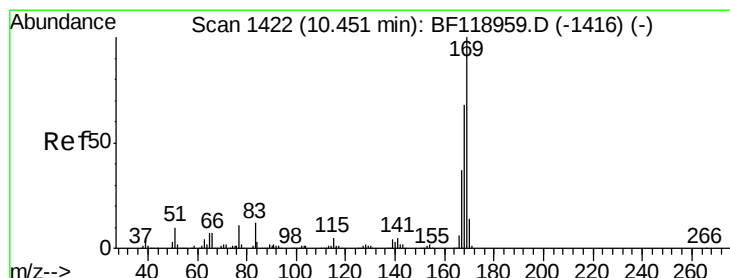
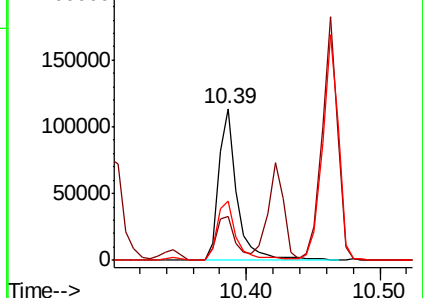
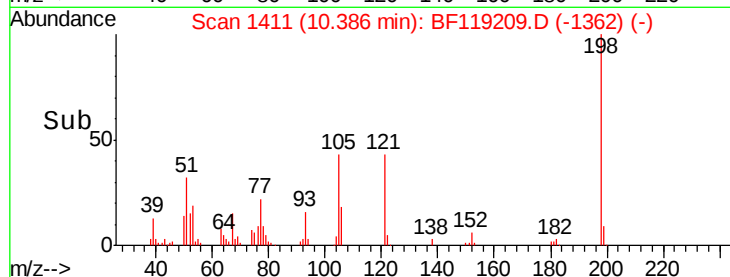
105 38.9 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.651 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

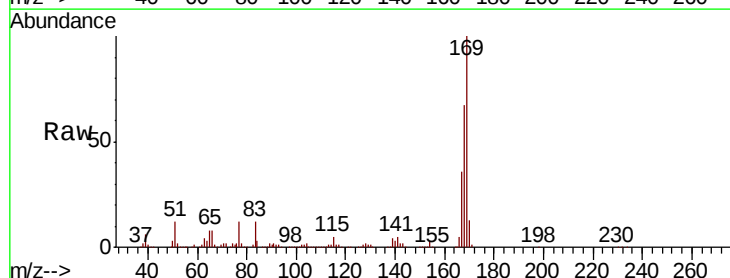
Tgt Ion:169 Resp: 589271

Ion Ratio Lower Upper

169 100

168 66.8 54.1 81.1

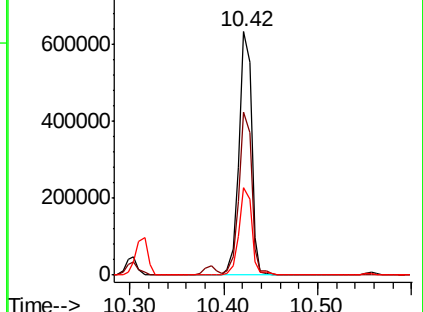
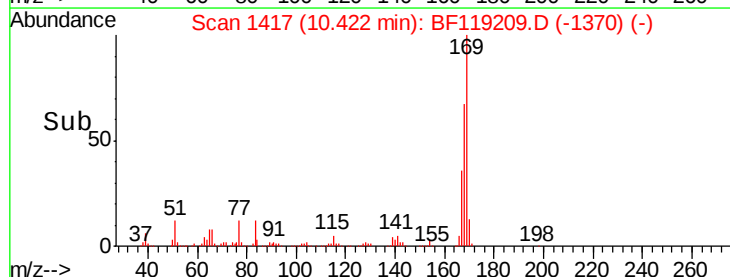
167 36.0 29.4 44.0

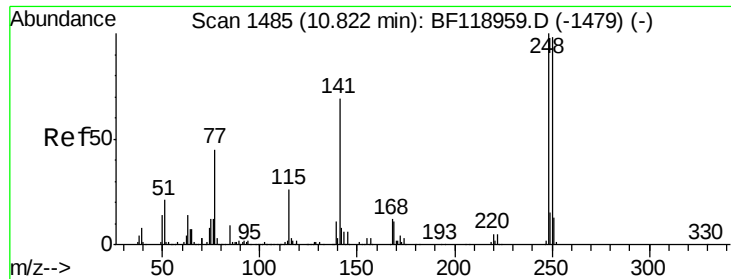


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

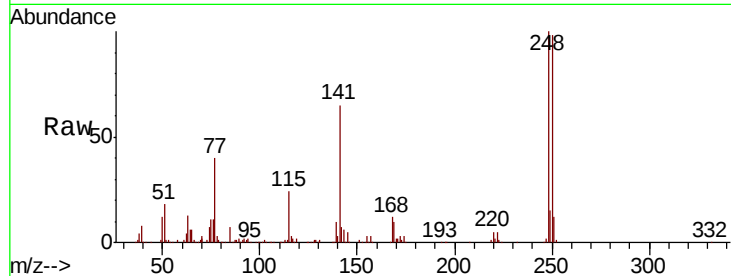




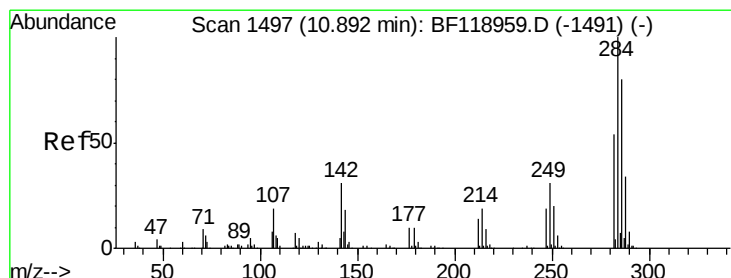
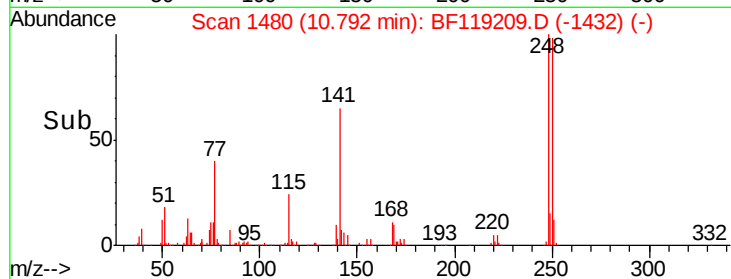
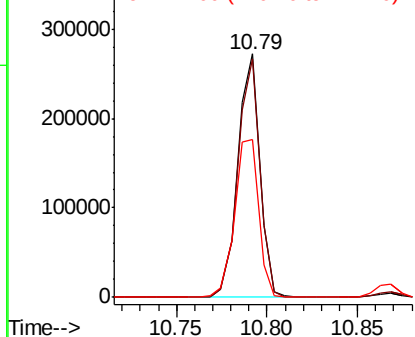
#67
4-Bromophenyl-phenylether
Concen: 37.874 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 230511
Ion Ratio Lower Upper
248 100
250 98.1 76.7 115.1
141 65.0 60.7 91.1

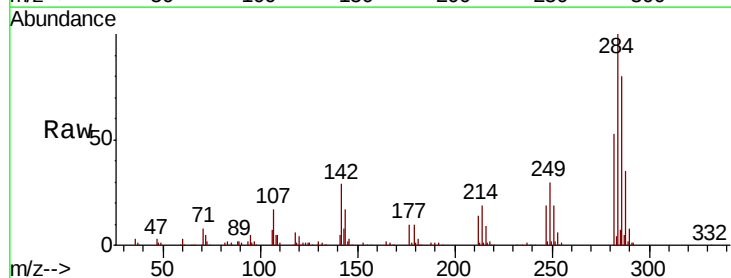


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

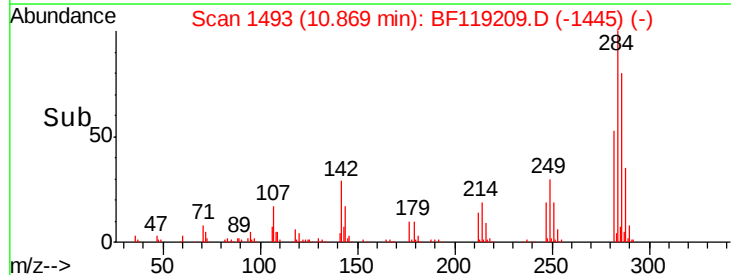
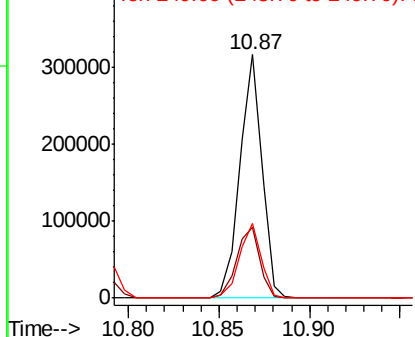


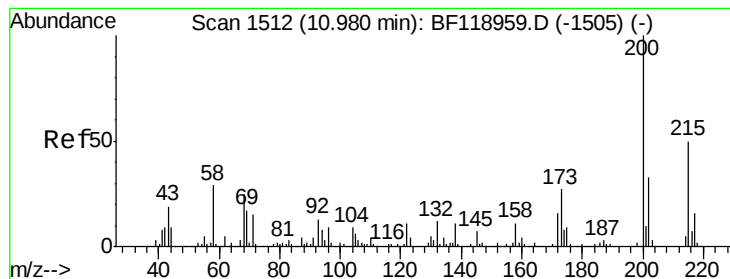
#68
Hexachlorobenzene
Concen: 37.983 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:284 Resp: 266530
Ion Ratio Lower Upper
284 100
142 29.3 23.7 35.5
249 30.4 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.504 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

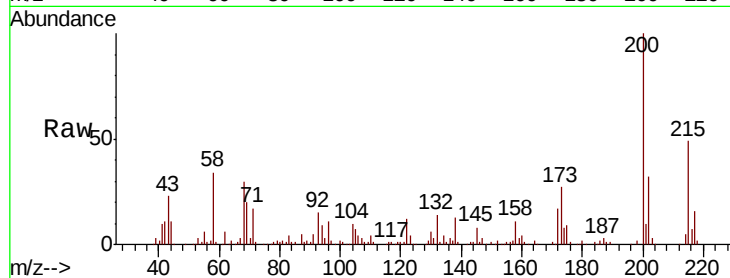
Tot Ion:200 Resp: 189121

Ion Ratio Lower Upper

200 100

173 27.3 6.4 46.4

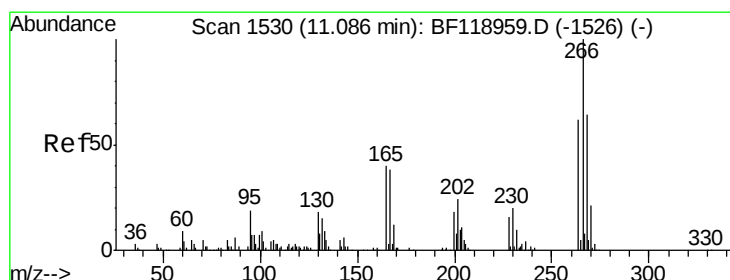
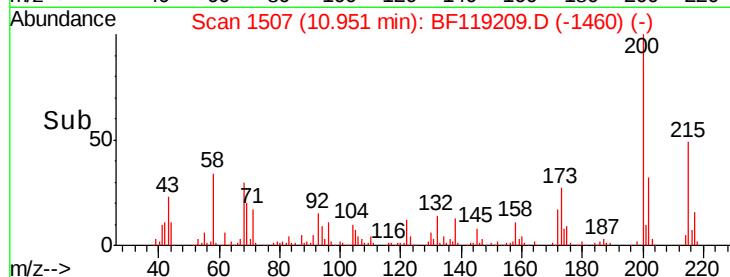
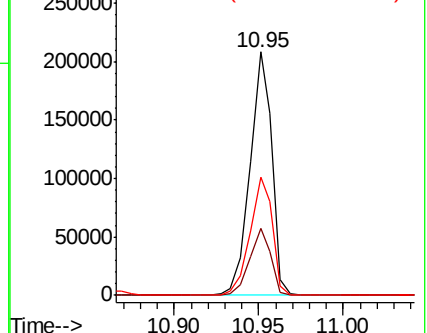
215 48.6 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.063 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

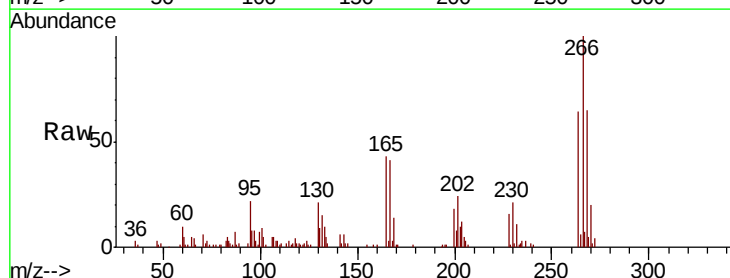
Tgt Ion:266 Resp: 93458

Ion Ratio Lower Upper

266 100

268 65.4 51.9 77.9

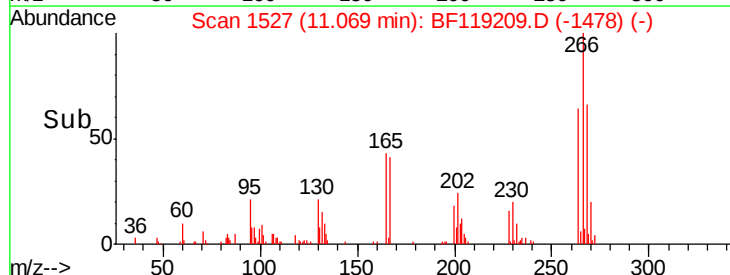
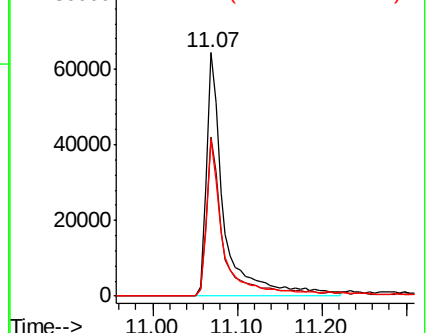
264 64.1 51.0 76.4

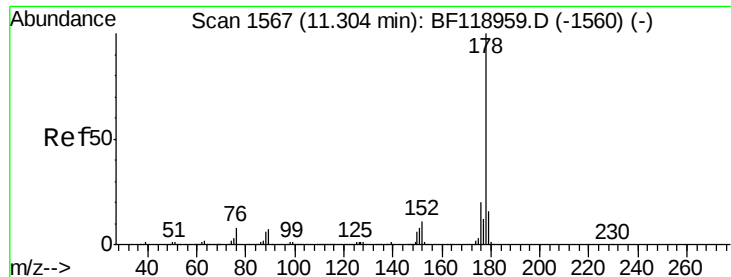


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

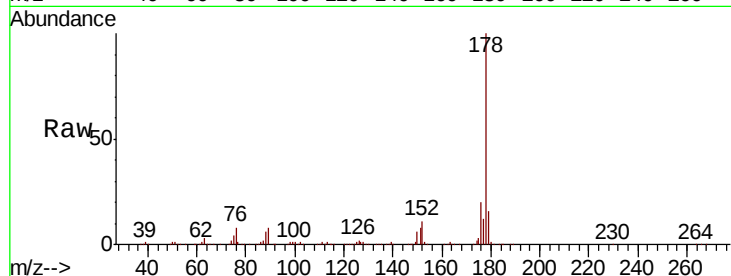




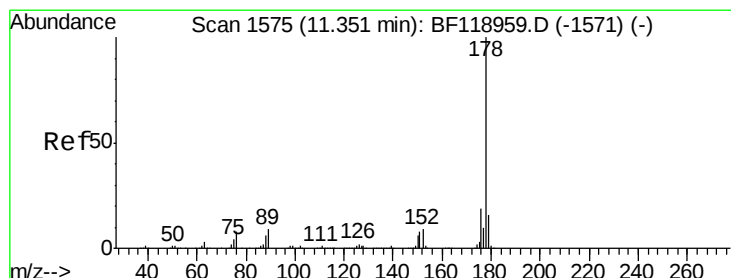
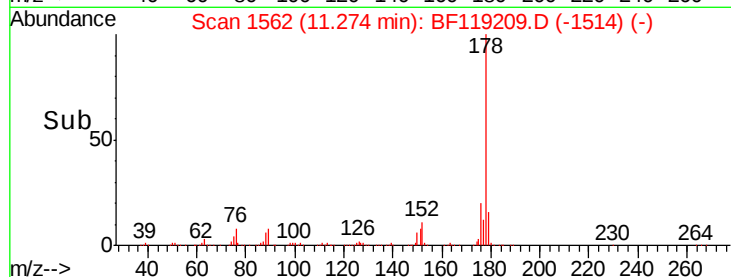
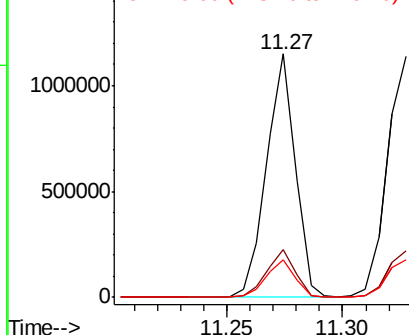
#71
Phenanthrene
Concen: 39.337 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 998862
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.6 13.0 19.6

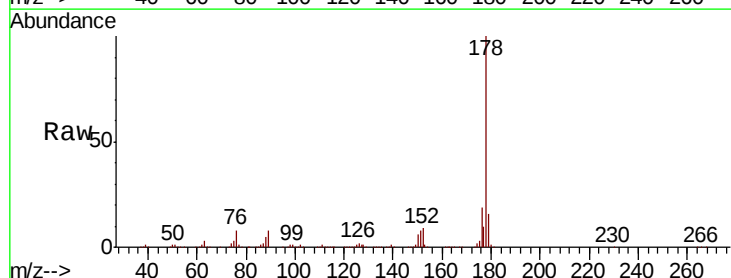


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

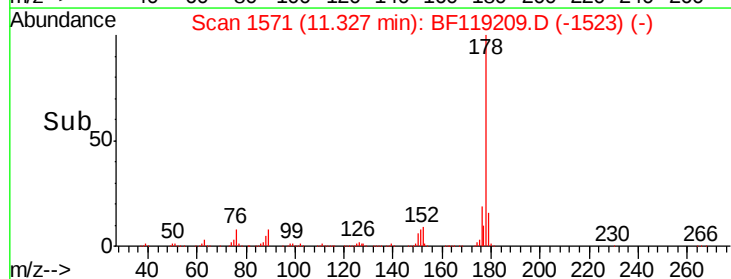
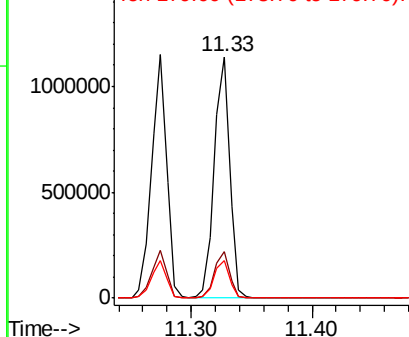


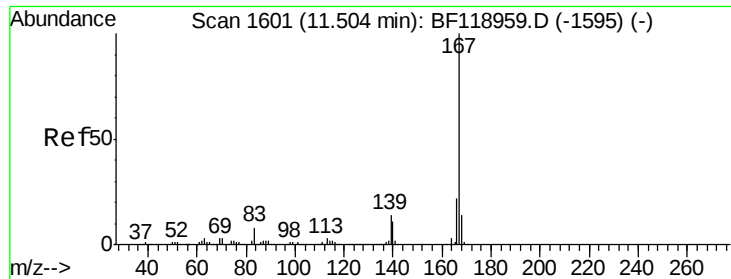
#72
Anthracene
Concen: 39.486 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:178 Resp: 1001826
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

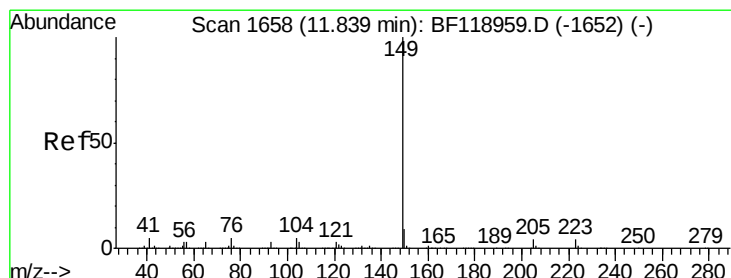
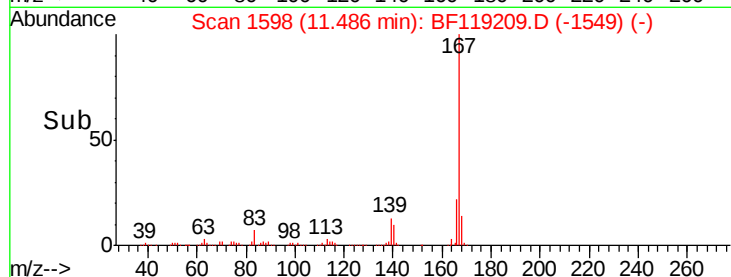
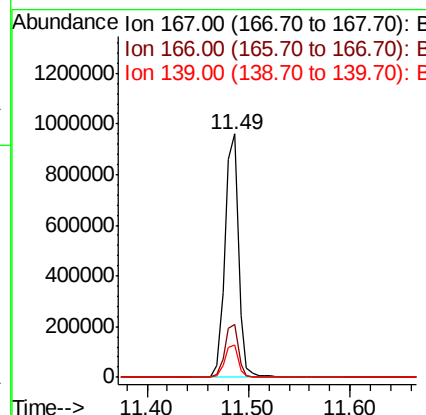
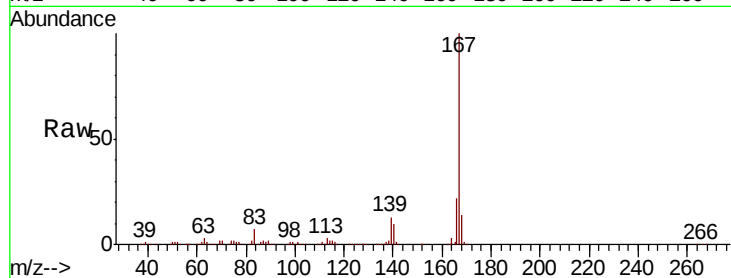




#73
 Carbazole
 Concen: 39.778 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

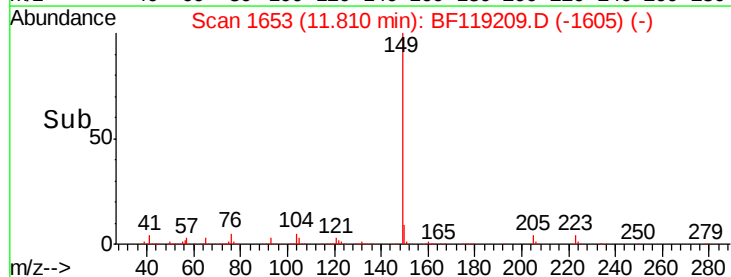
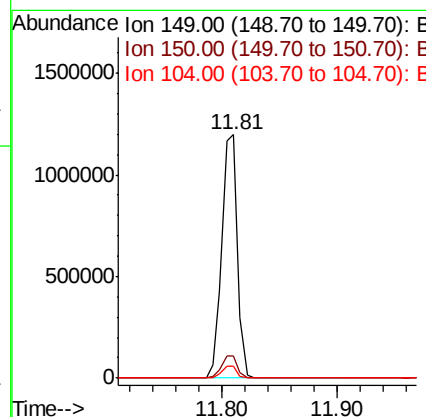
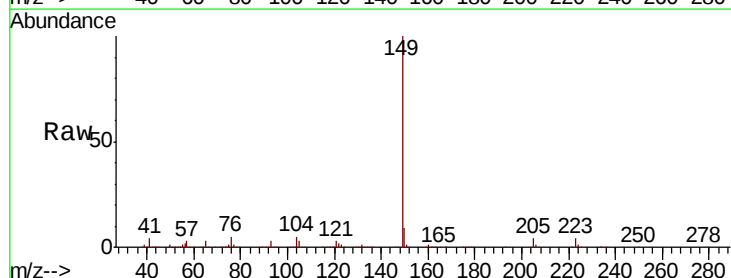
Instrument :
 BNA_F
 ClientSampleId :

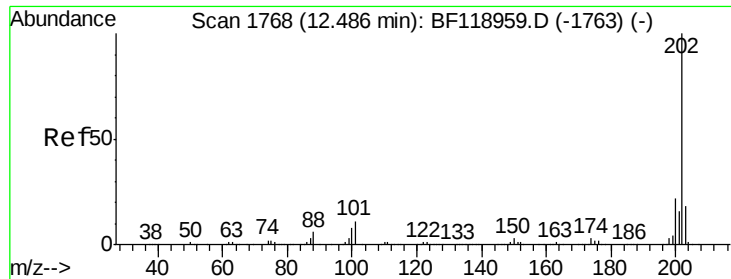
Tot Ion:167 Resp: 899089
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 13.3 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 40.944 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:149 Resp: 1120715
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 4.7 4.6 6.8

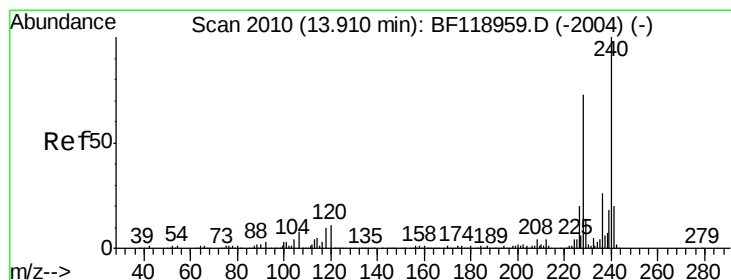
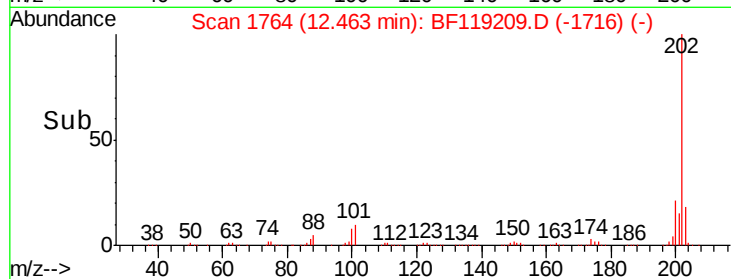
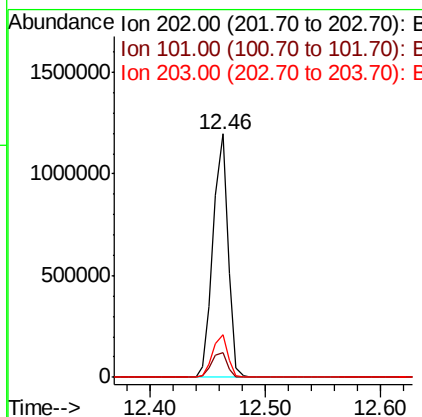
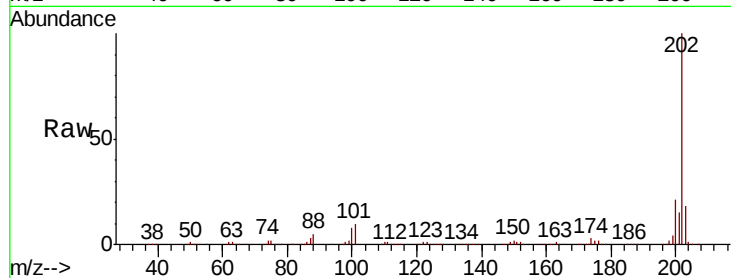




#75
 Fluoranthene
 Concen: 40.480 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

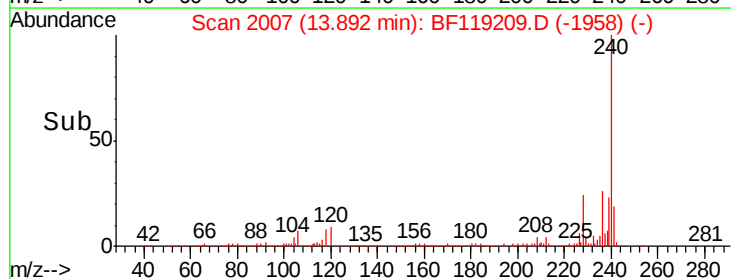
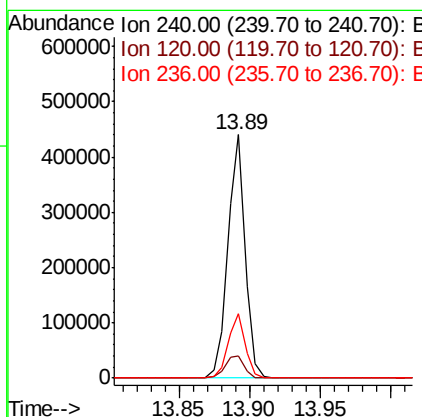
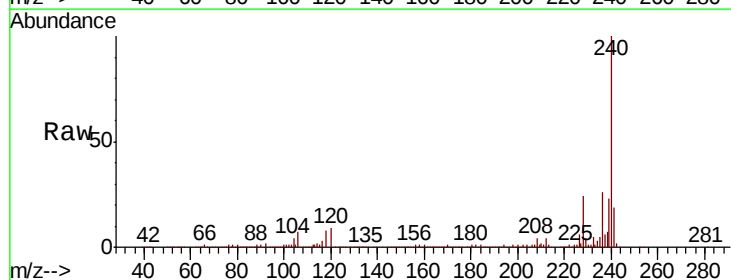
Instrument :
 BNA_F
 ClientSampleId :

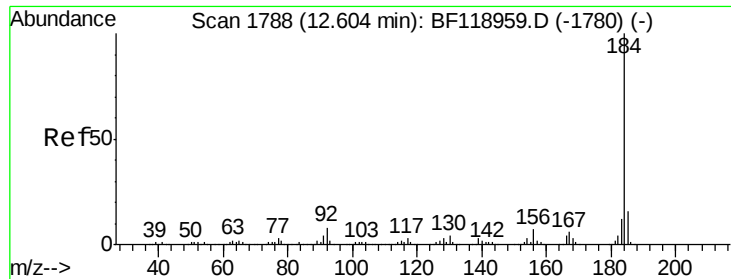
Tot Ion:202 Resp: 1091073
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.3
 203 17.6 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:240 Resp: 372280
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.4 12.6
 236 26.5 21.0 31.4





#77

Benzidine

Concen: 34.646 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

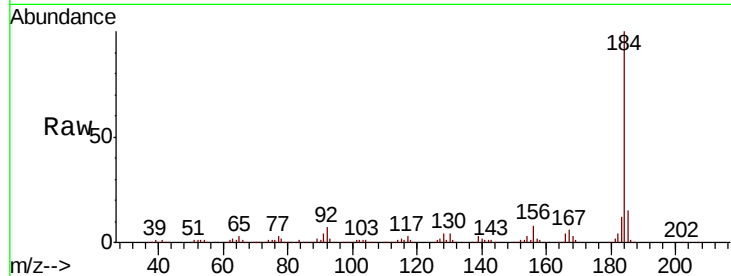
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 524549

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	12.3	9.9	14.9

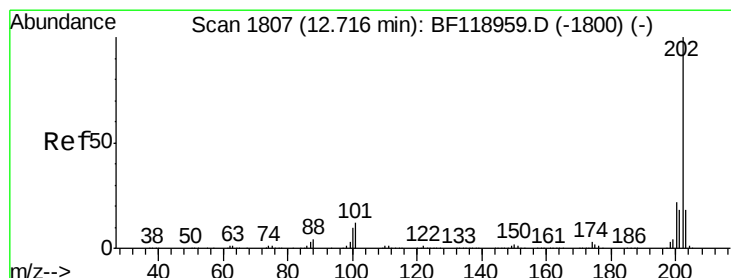
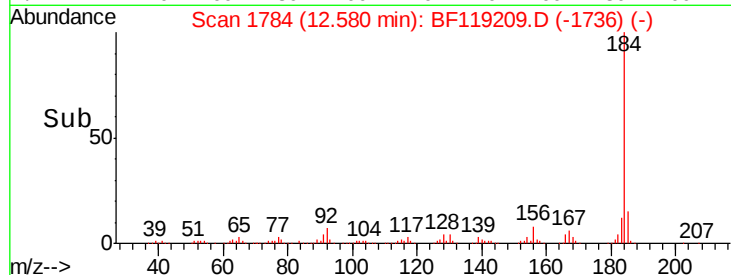
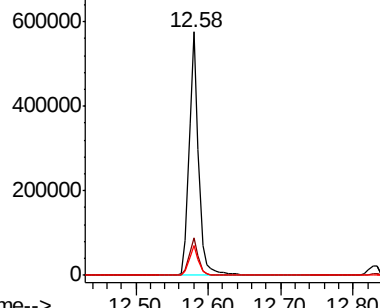


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.473 ng

RT: 12.69 min Scan# 1803

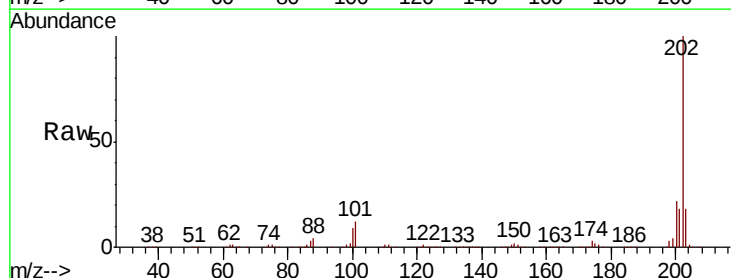
Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Tgt Ion:202 Resp: 1090317

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.9	14.6	22.0

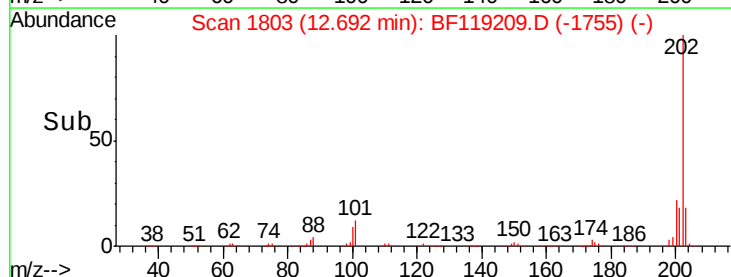
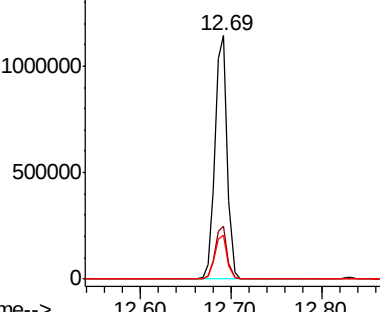


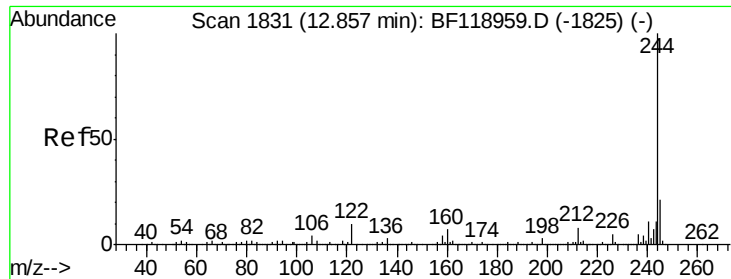
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

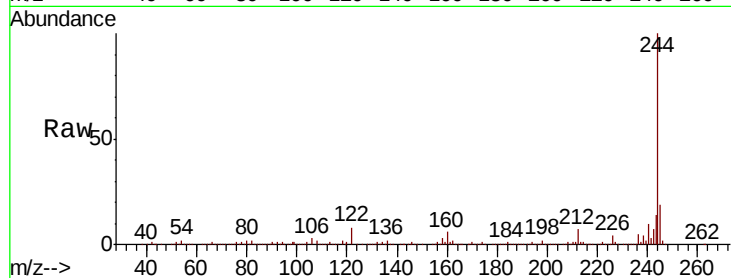




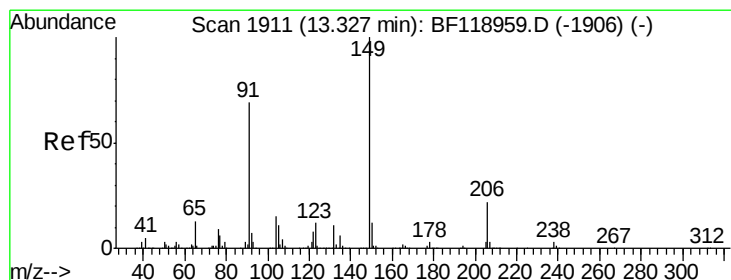
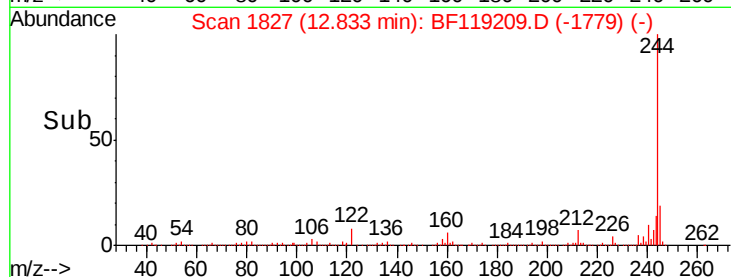
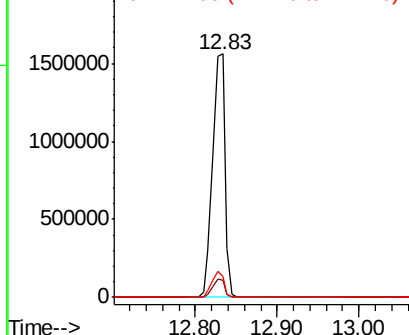
#79
 Terphenyl-d14
 Concen: 76.975 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1664449
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 10.0
 122 8.5 8.2 12.2

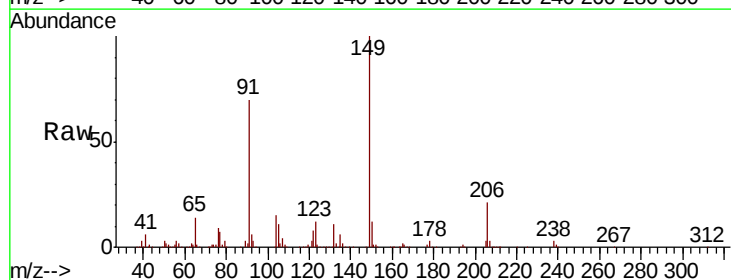


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

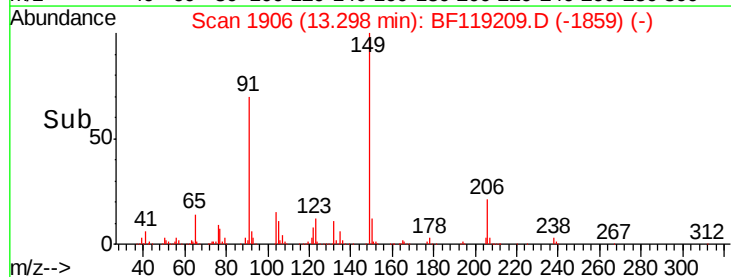
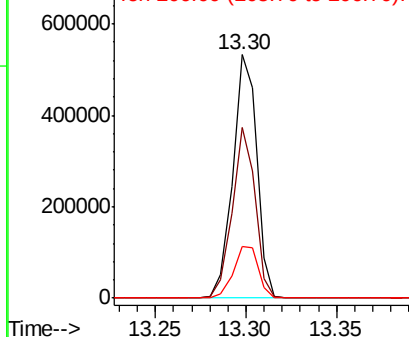


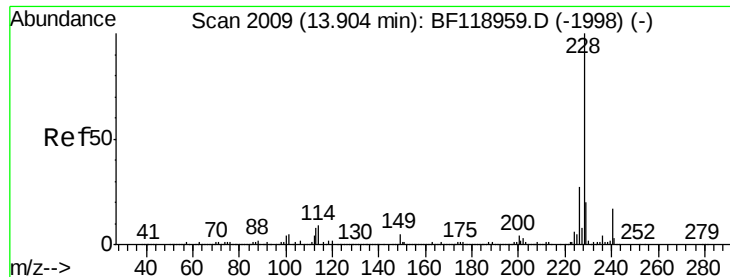
#80
 Butylbenzylphthalate
 Concen: 38.924 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:149 Resp: 489722
 Ion Ratio Lower Upper
 149 100
 91 69.9 52.3 78.5
 206 21.2 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.049 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

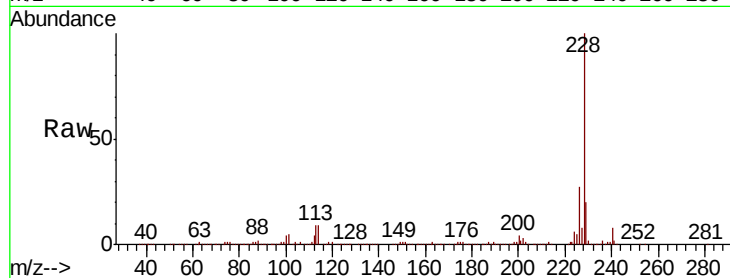
Tot Ion:228 Resp: 1015867

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	16.6	24.8

228 100

226 27.3 22.6 33.8

229 19.8 16.6 24.8

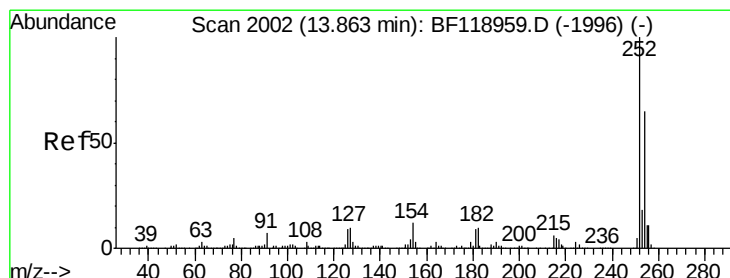
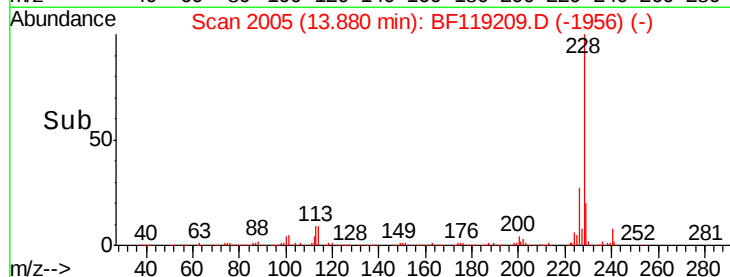
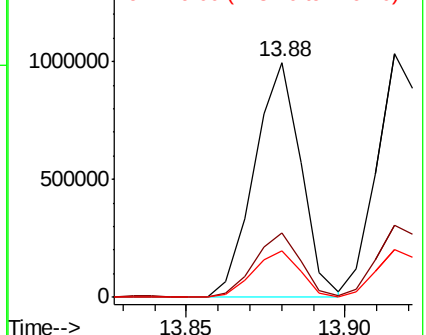


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.043 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

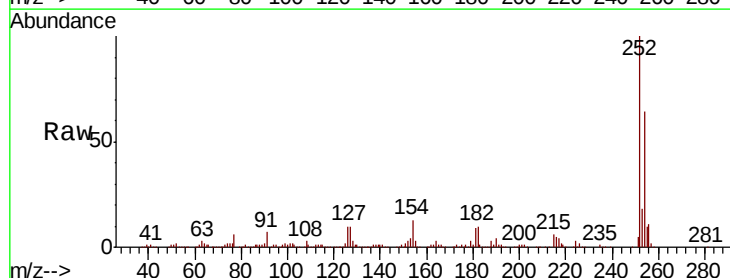
Tgt Ion:252 Resp: 394413

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	9.7	7.4	11.0

252 100

254 64.5 51.6 77.4

126 9.7 7.4 11.0

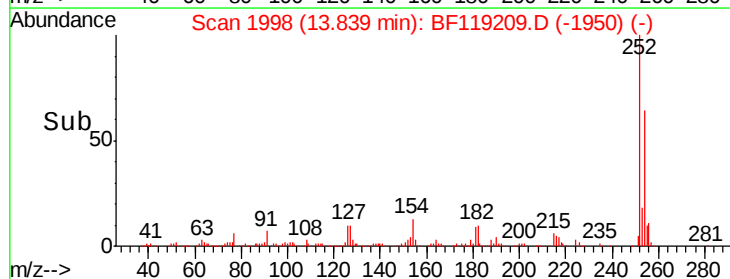
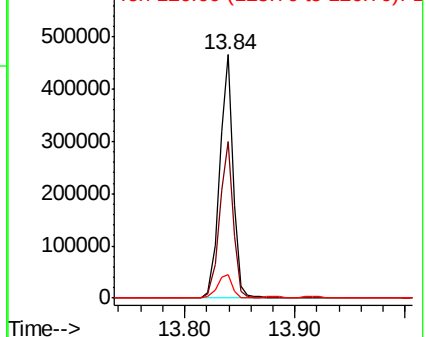


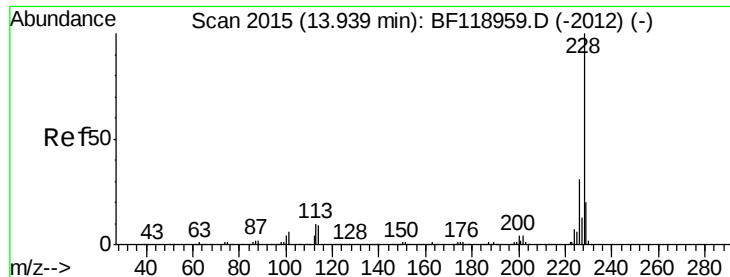
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

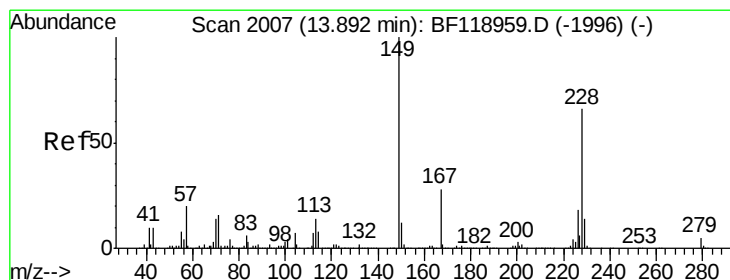
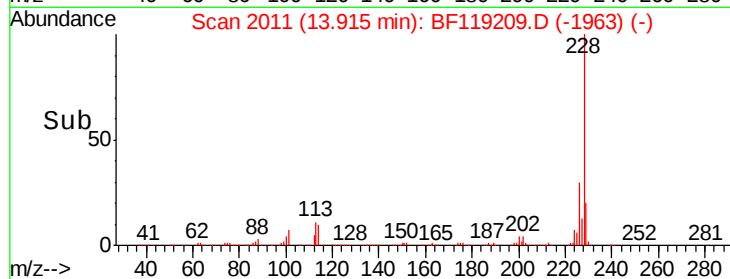
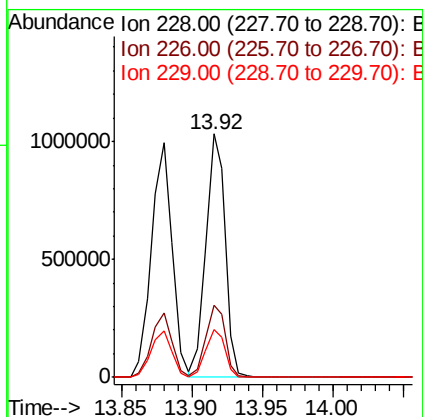
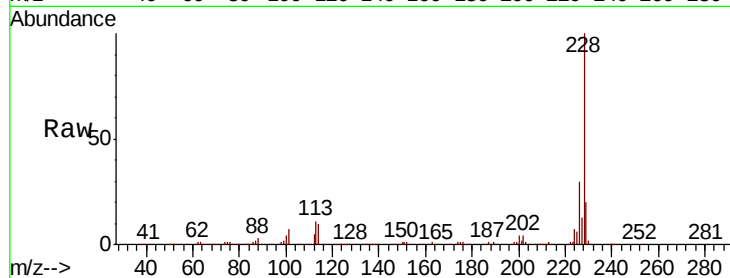




#83
 Chrvsene
 Concen: 38.751 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

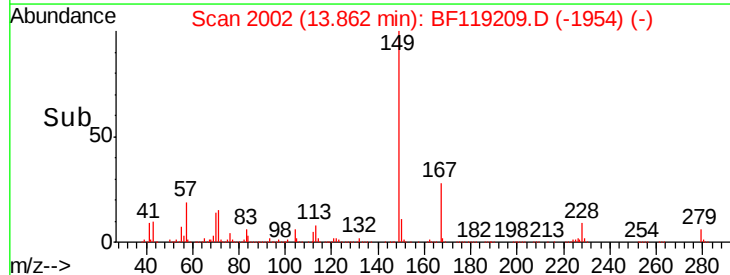
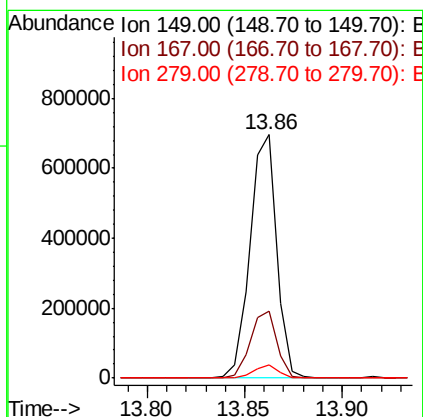
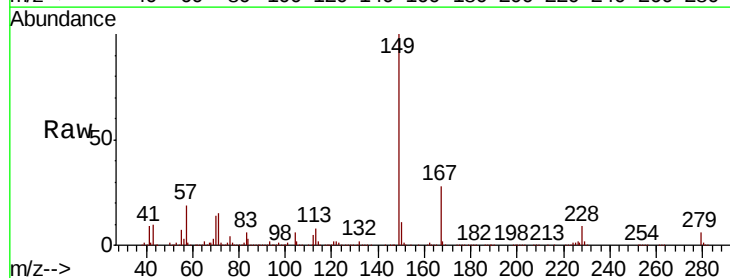
Instrument :
 BNA_F
 ClientSampled :

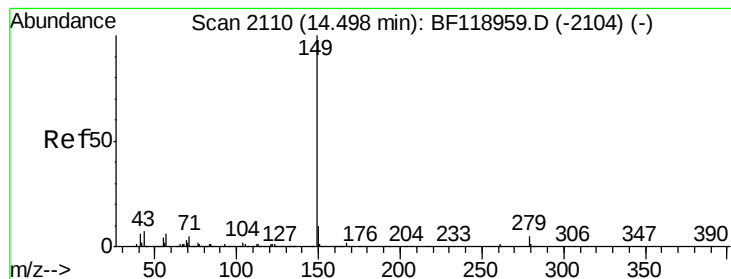
Tot Ion:228 Resp: 979426
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.408 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119209.D
 Acq: 5 Mar 2020 12:10

Tgt Ion:149 Resp: 658164
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.8 34.2
 279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 41.693 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

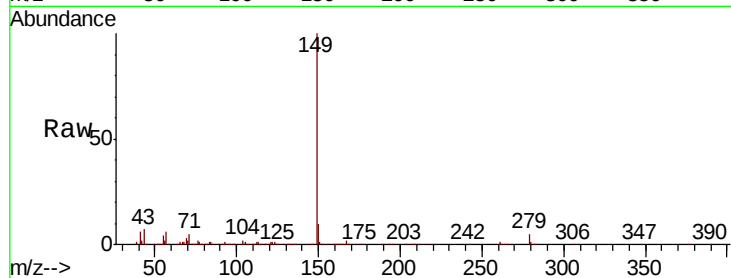
Tot Ion:149 Resp: 1055892

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

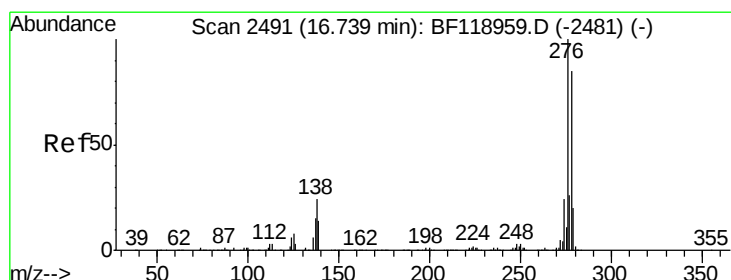
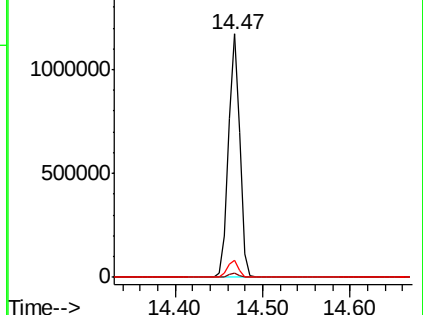
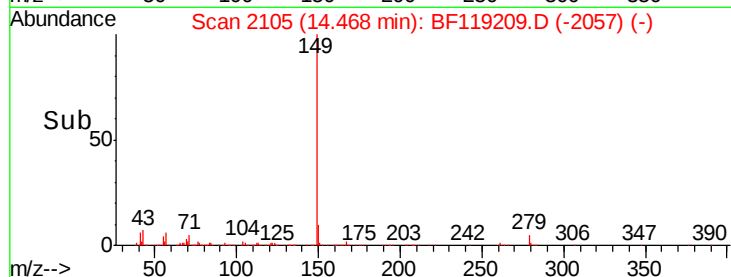
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.662 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

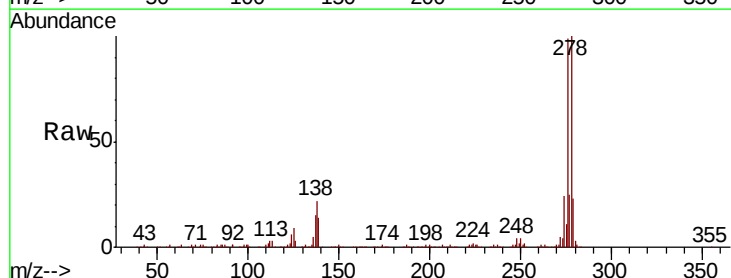
Tgt Ion:276 Resp: 872755

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.0

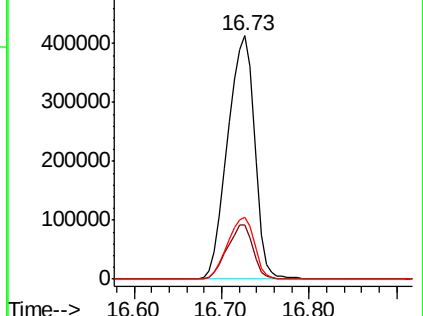
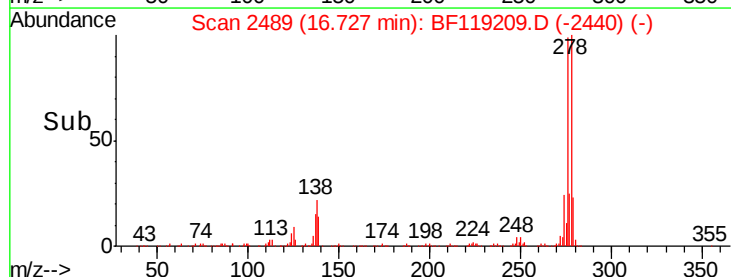
277 25.3 20.3 30.5

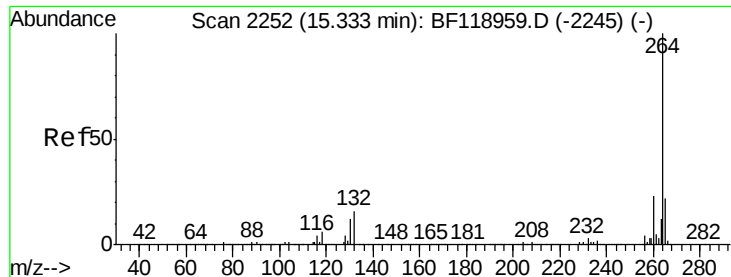


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

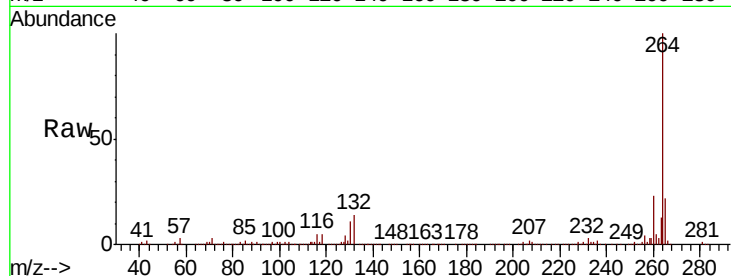
Tot Ion:264 Resp: 377576

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.8 17.7 26.5

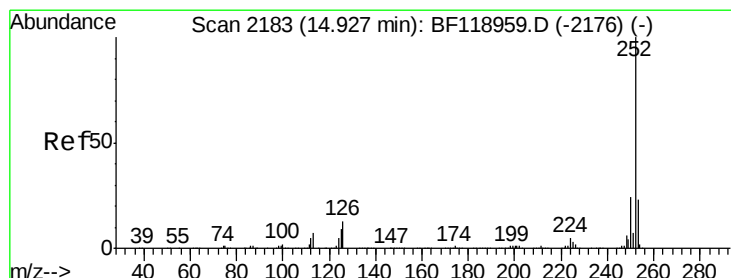
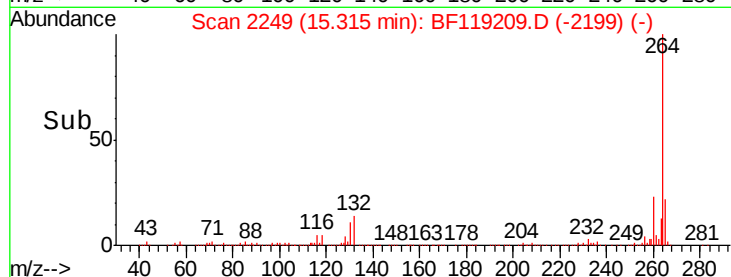
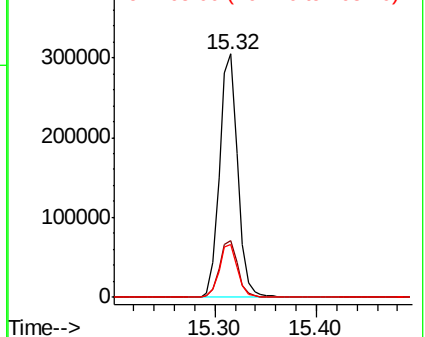


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.386 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

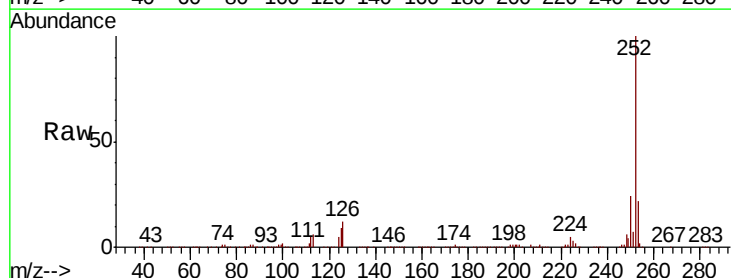
Tgt Ion:252 Resp: 955351

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.2 7.4 11.0

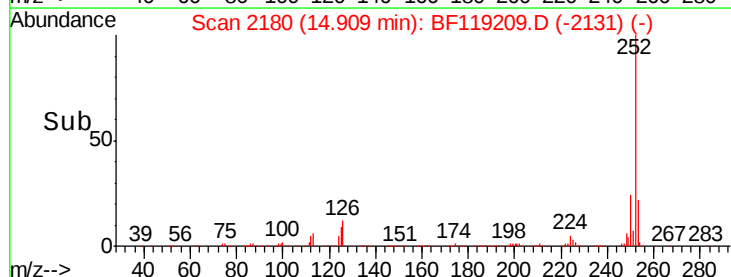
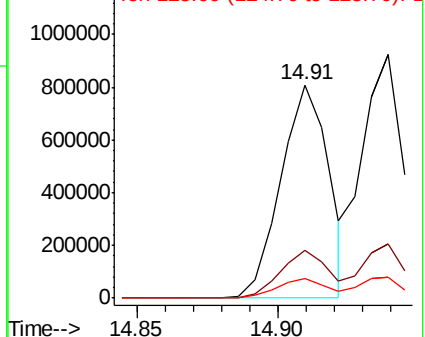


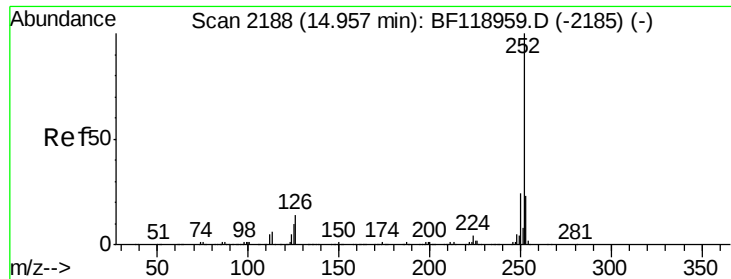
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

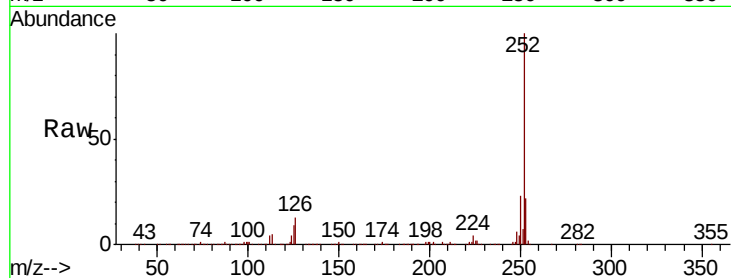




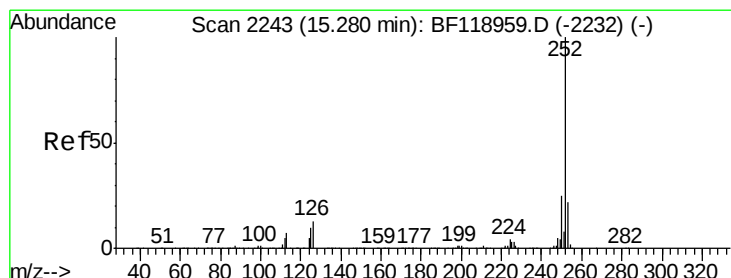
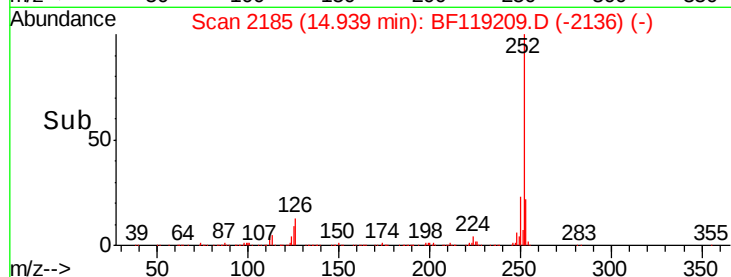
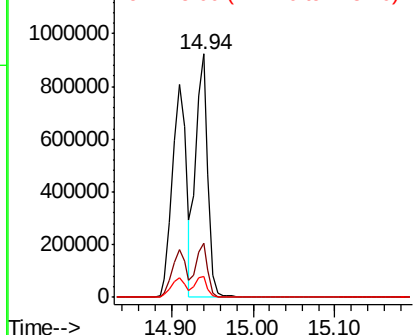
#89
Benzo(k)fluoranthene
Concen: 40.992 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 945438
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.7 7.5 11.3

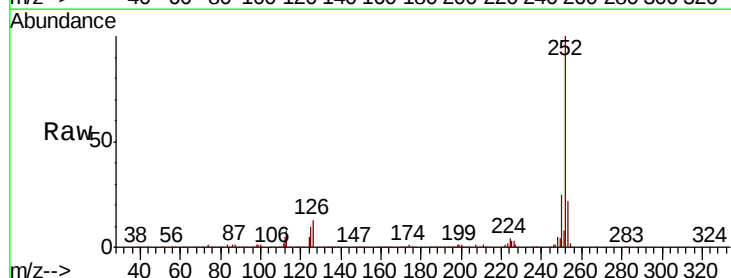


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

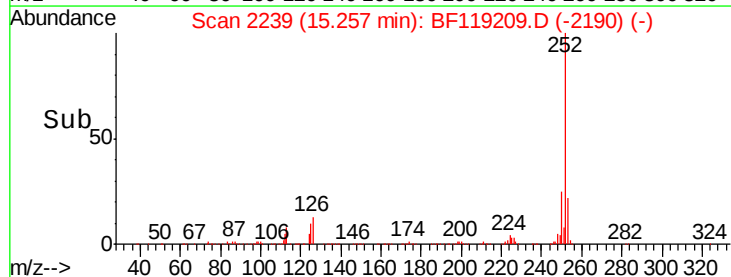
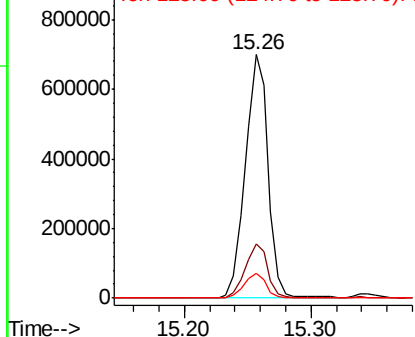


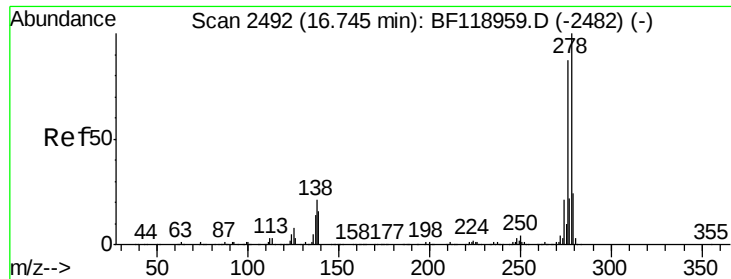
#90
Benzo(a)pyrene
Concen: 38.643 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119209.D
Acq: 5 Mar 2020 12:10

Tgt Ion:252 Resp: 867998
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.865 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

Instrument :

BNA_F

ClientSampleId :

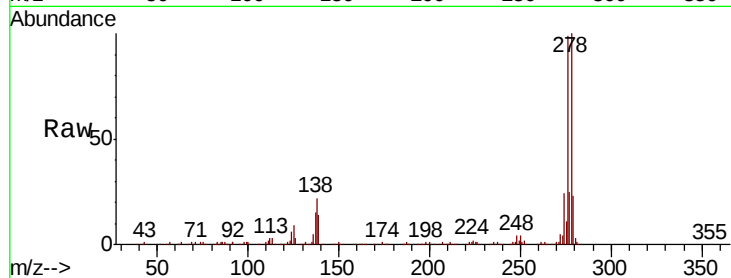
Tot Ion:278 Resp: 728597

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.4

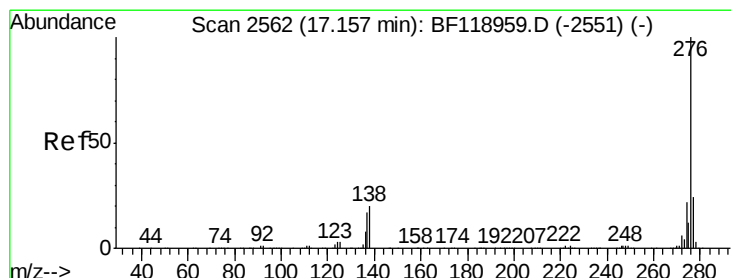
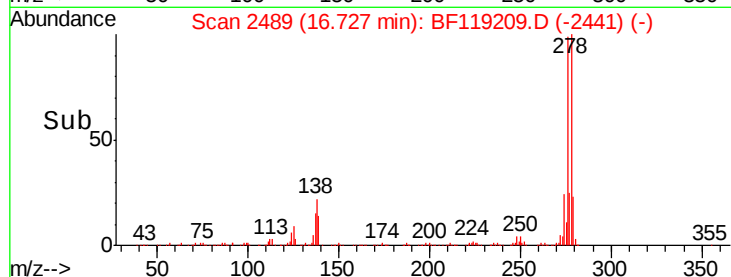
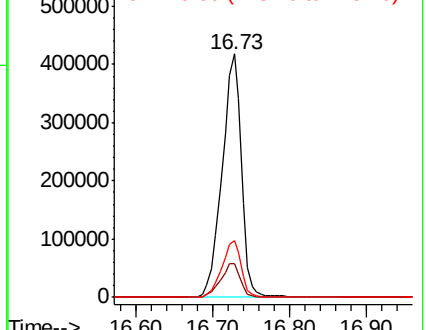
279 23.2 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.751 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119209.D

Acq: 5 Mar 2020 12:10

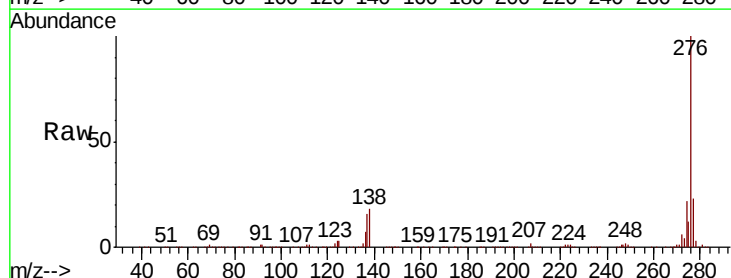
Tgt Ion:276 Resp: 678602

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.3 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

