

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119170.D
 Acq On : 2 Mar 2020 15:47
 Operator : CG/JU
 Sample : PB127188BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:19:13 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	146116	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	563240	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	324619	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	595634	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	422647	20.00	ng	-0.01
87) Perylene-d12	15.32	264	275280	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	865344	98.97	ng	0.00
7) Phenol-d6	6.39	99	1066732	100.32	ng	-0.02
23) Nitrobenzene-d5	7.30	82	632941	59.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	393566	92.68	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1315122	59.68	ng	-0.02
79) Terphenyl-d14	12.83	244	1551632	63.21	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	118488	30.438	ng	98
3) Pyridine	3.25	79	273167	25.694	ng	98
4) n-Nitrosodimethylamine	3.18	42	111258	34.546	ng	96
6) Aniline	6.40	93	301323	22.965	ng	# 83
8) 2-Chlorophenol	6.53	128	353924	37.509	ng	99
9) Benzaldehyde	6.29	77	87333	12.293	ng	99
10) Phenol	6.40	94	420476	36.574	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	313667	35.658	ng	99
12) 1,3-Dichlorobenzene	6.67	146	383346	33.897	ng	98
13) 1,4-Dichlorobenzene	6.75	146	392867	34.715	ng	98
14) 1,2-Dichlorobenzene	6.90	146	366432	35.503	ng	99
15) Benzyl Alcohol	6.89	79	295555	38.458	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	256186	33.620	ng	# 57
17) 2-Methylphenol	7.00	107	289128	37.794	ng	99
18) Hexachloroethane	7.25	117	140085	34.599	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	237920	38.398	ng	98
20) 3+4-Methylphenols	7.16	107	367441	39.205	ng	96
22) Acetophenone	7.15	105	479850	36.821	ng	# 96
24) Nitrobenzene	7.32	77	370307	35.103	ng	99
25) Isophorone	7.56	82	663284	35.803	ng	100
26) 2-Nitrophenol	7.64	139	199765	35.740	ng	98
27) 2,4-Dimethylphenol	7.68	122	303800	40.049	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	406604	33.719	ng	99
29) 2,4-Dichlorophenol	7.89	162	315076	35.282	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	347996	32.867	ng	98
31) Naphthalene	8.04	128	1032567	35.349	ng	99
32) Benzoic acid	7.83	122	164529	32.268	ng	99
33) 4-Chloroaniline	8.09	127	257876	20.526	ng	97
34) Hexachlorobutadiene	8.16	225	209933	31.831	ng	98
35) Caprolactam	8.47	113	59726	21.720	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	332469	36.786	ng	100
37) 2-Methylnaphthalene	8.73	142	716871	36.467	ng	98
38) 1-Methylnaphthalene	8.83	142	668270	36.148	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	356363	32.560	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	123171	36.681	nq	100
43) 2,4,6-Trichlorophenol	9.02	196	221694	32.076	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	240255	33.126	nq	96
46) 1,1'-Biphenyl	9.19	154	868023	33.085	nq	98
47) 2-Chloronaphthalene	9.22	162	688603	32.570	nq	96
48) 2-Nitroaniline	9.32	65	197526	33.496	nq	97
49) Acenaphthylene	9.63	152	1047397	34.301	nq	99
50) Dimethylphthalate	9.50	163	845658	34.068	nq	99
51) 2,6-Dinitrotoluene	9.56	165	189460	34.354	nq	94
52) Acenaphthene	9.80	154	625585	33.976	nq	99
53) 3-Nitroaniline	9.73	138	130153	21.288	nq	100
54) 2,4-Dinitrophenol	9.85	184	149416	58.011	nq	# 89
55) Dibenzofuran	9.98	168	948629	34.518	nq	96
56) 4-Nitrophenol	9.92	139	196451	53.479	nq	94
57) 2,4-Dinitrotoluene	9.97	165	242438	33.915	nq	98
58) Fluorene	10.32	166	754273	35.320	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	201221	32.880	nq	98
60) Diethylphthalate	10.20	149	819090	35.015	nq	100
61) 4-Chlorophenyl-phenylether	10.31	204	396780	35.102	nq	96
62) 4-Nitroaniline	10.35	138	178830	28.589	nq	99
63) Azobenzene	10.47	77	722315	35.524	nq	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	128092	35.539	nq	96
66) n-Nitrosodiphenylamine	10.43	169	681879	34.962	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	258895	33.253	nq	95
68) Hexachlorobenzene	10.87	284	291243	32.445	nq	97
69) Atrazine	10.96	200	234049	34.347	nq	98
70) Pentachlorophenol	11.07	266	219936	60.824	nq	98
71) Phenanthrene	11.28	178	1112974	34.263	nq	98
72) Anthracene	11.33	178	1135854	34.997	nq	97
73) Carbazole	11.49	167	985737	34.092	nq	99
74) Di-n-butylphthalate	11.82	149	1248229	35.648	nq	98
75) Fluoranthene	12.46	202	1175383	34.089	nq	98
77) Benzidine	12.59	184	193350	11.249	nq	98
78) Pyrene	12.69	202	1175624	34.640	nq	99
80) Butylbenzylphthalate	13.30	149	508224	35.581	nq	96
81) Benzo(a)anthracene	13.88	228	980333	34.042	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	300510	26.874	nq	98
83) Chrysene	13.92	228	966416	33.679	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	706180	39.134	nq	98
85) Di-n-octyl phthalate	14.47	149	1102455	38.344	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	744694	26.803	nq	99
88) Benzo(b)fluoranthene	14.91	252	843603	46.492	nq	98
89) Benzo(k)fluoranthene	14.94	252	809942	48.167	nq	99
90) Benzo(a)pyrene	15.26	252	693798	42.366	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	640312	44.438	nq	99
92) Benzo(g,h,i)perylene	17.13	276	612886	43.049	nq	99

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

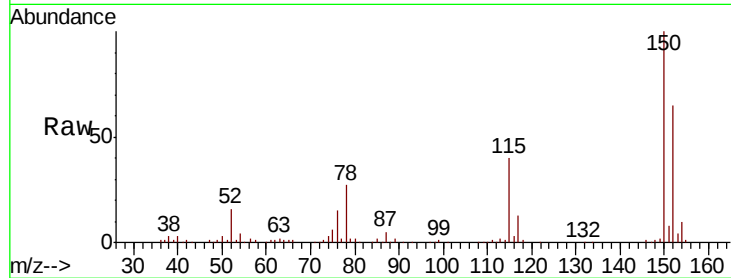


#1

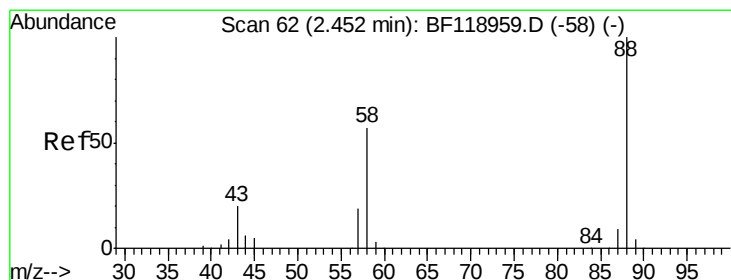
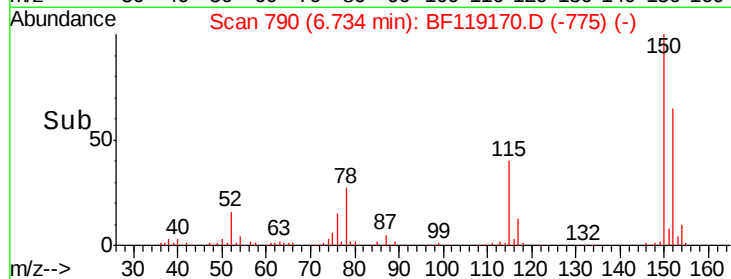
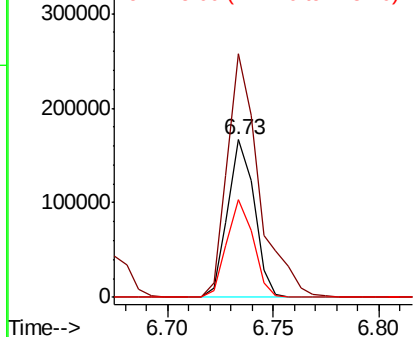
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146116
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 61.6 49.5 74.3



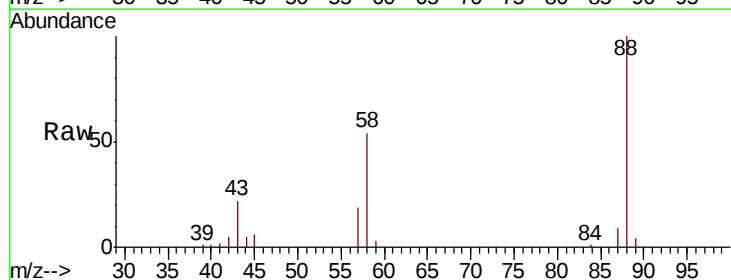
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



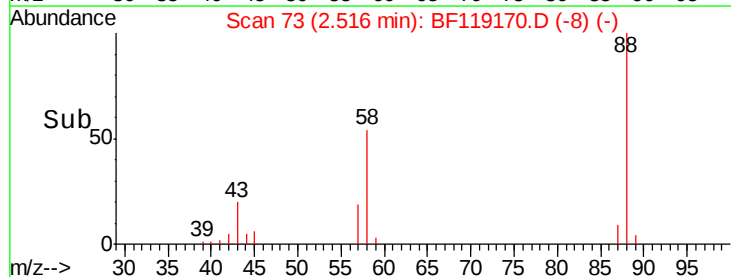
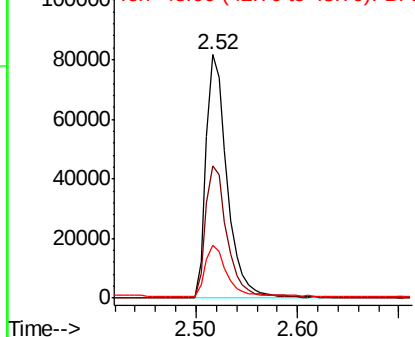
#2

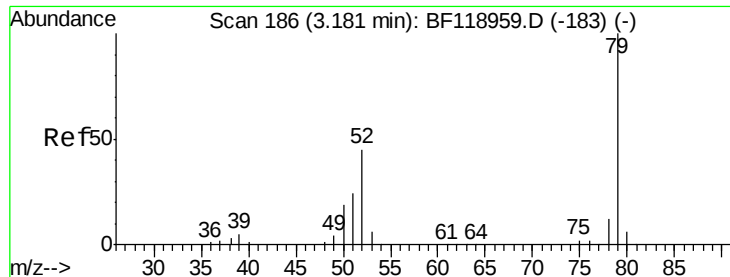
1,4-Dioxane
Concen: 30.438 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.08 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion: 88 Resp: 118488
Ion Ratio Lower Upper
88 100
58 56.0 43.8 65.6
43 21.1 16.2 24.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



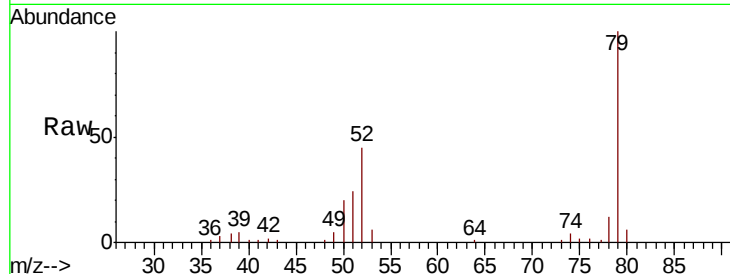


#3
 Pvridine
 Concen: 25.694 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.09 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

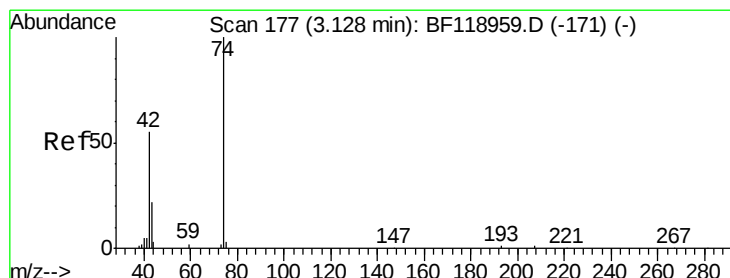
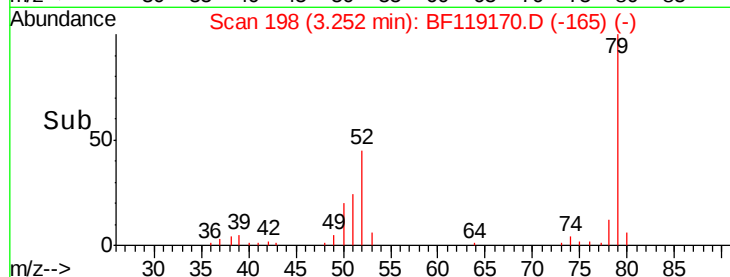
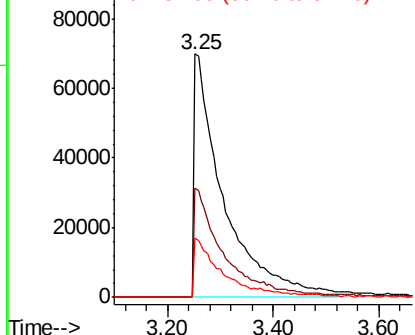
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 273167

Ion	Ratio	Lower	Upper
79	100		
52	45.0	37.4	56.0
51	24.2	19.8	29.6



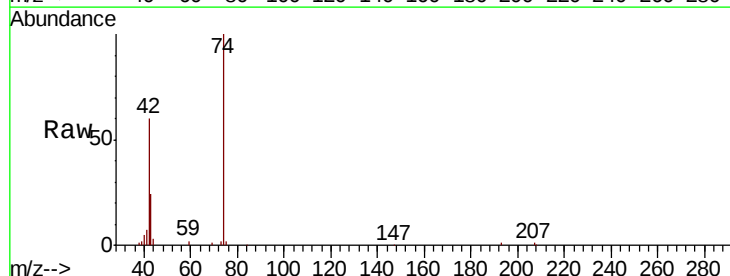
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1



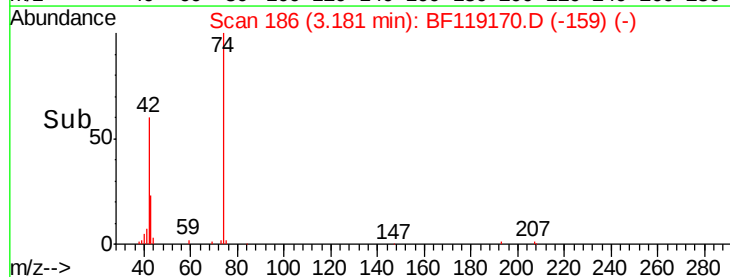
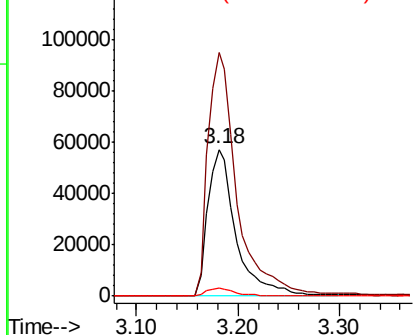
#4
 n-Nitrosodimethylamine
 Concen: 34.546 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.06 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

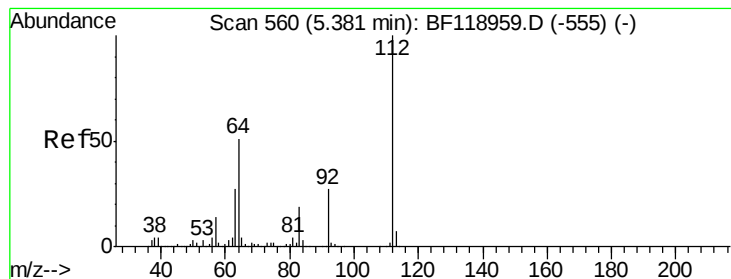
Tgt Ion: 42 Resp: 111258

Ion	Ratio	Lower	Upper
42	100		
74	166.1	137.7	206.5
44	5.1	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: 98.972 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampled :

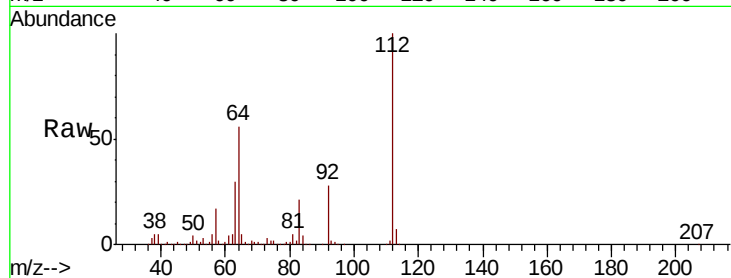
Tot Ion:112 Resp: 865344

Ion Ratio Lower Upper

112 100

64 55.7 45.0 67.4

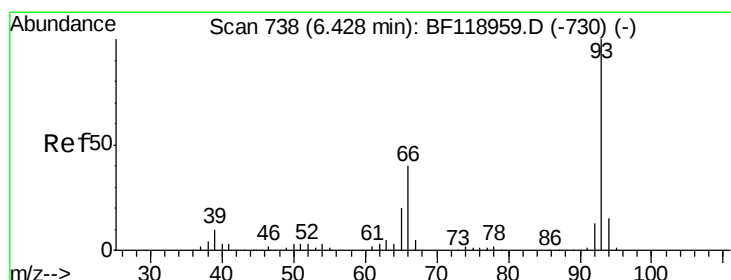
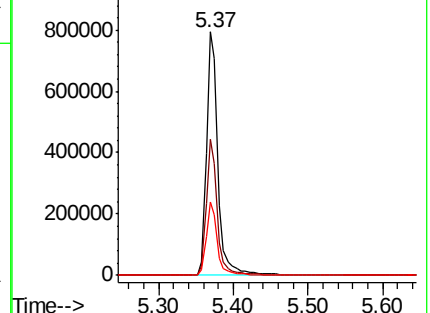
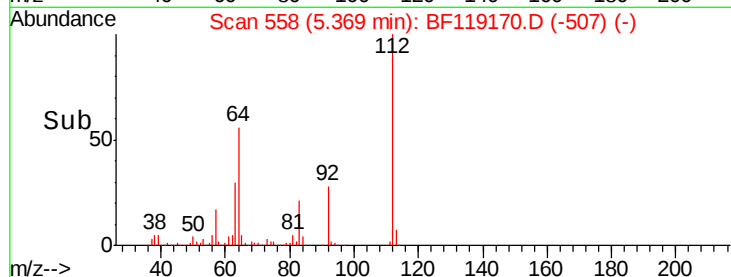
63 30.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.965 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

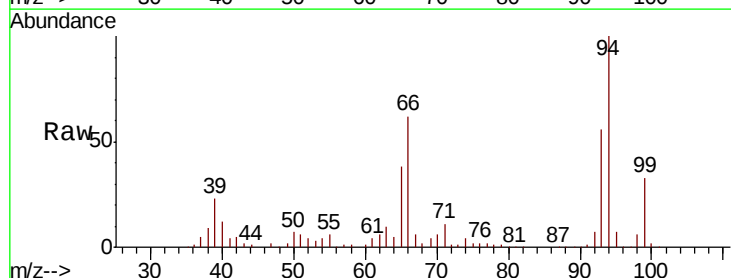
Tgt Ion: 93 Resp: 301323

Ion Ratio Lower Upper

93 100

66 110.0 74.5 111.7

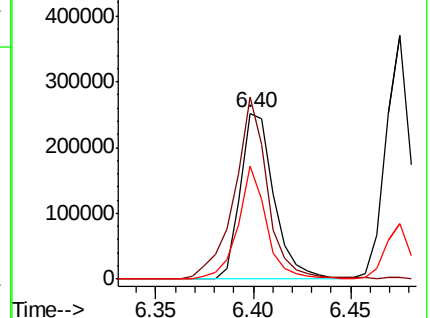
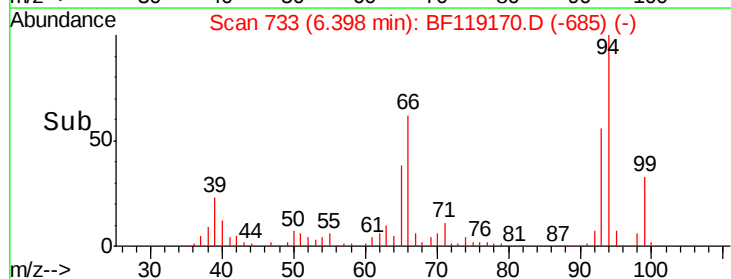
65 68.5 45.3 67.9#



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: 100.318 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampled :

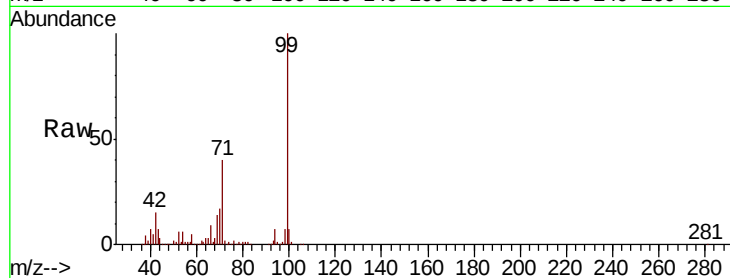
Tot Ion: 99 Resp: 1066732

Ion Ratio Lower Upper

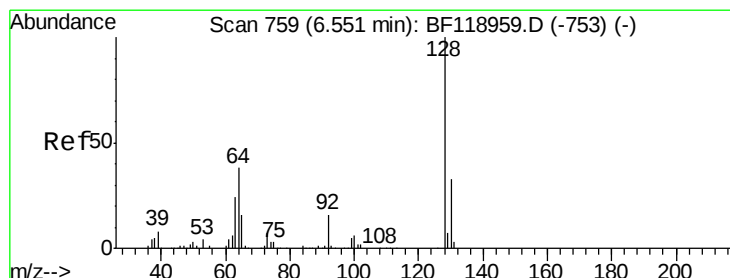
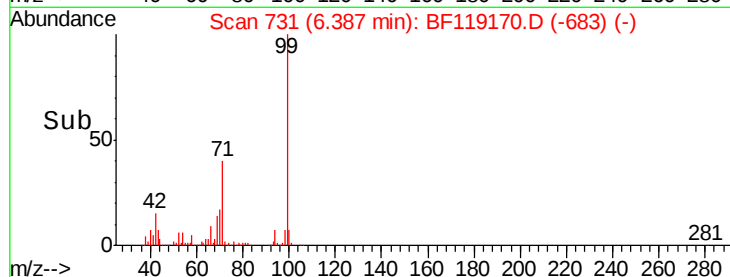
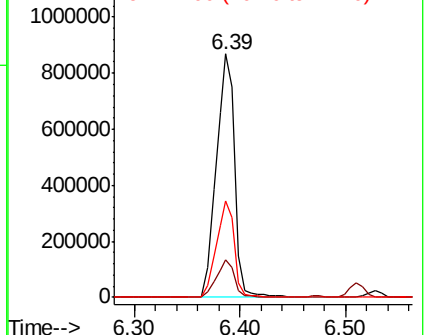
99 100

42 15.4 12.6 18.8

71 39.9 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



#8

2-Chlorophenol

Concen: 37.509 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

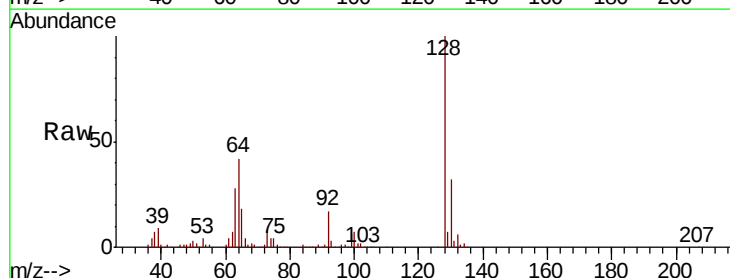
Tgt Ion:128 Resp: 353924

Ion Ratio Lower Upper

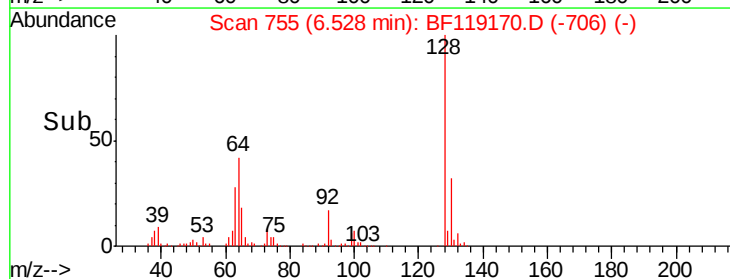
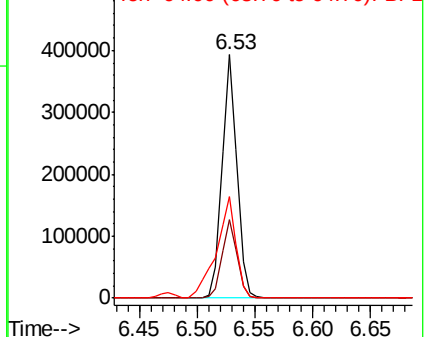
128 100

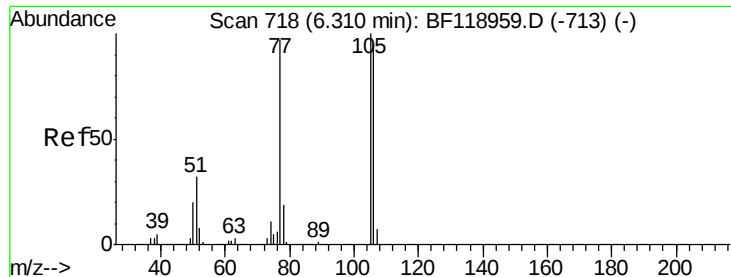
130 32.3 12.7 52.7

64 41.7 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





#9

Benzaldehyde

Concen: 12.293 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

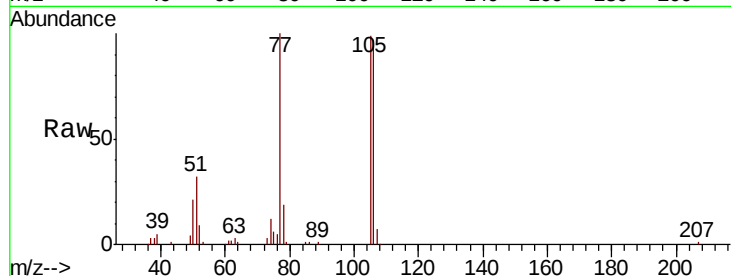
Tot Ion: 77 Resp: 87333

Ion Ratio Lower Upper

77 100

105 99.3 80.1 120.1

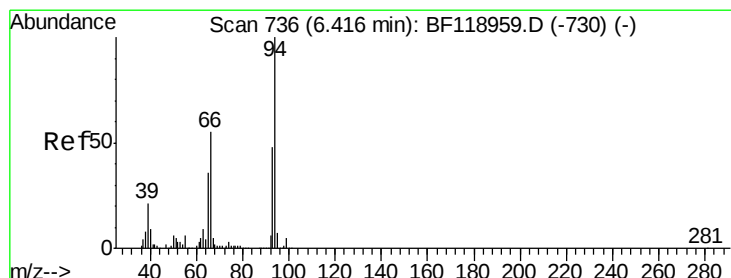
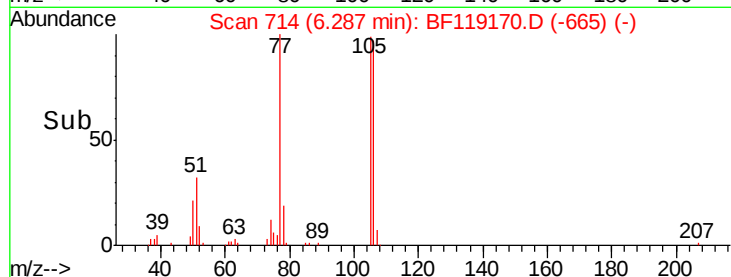
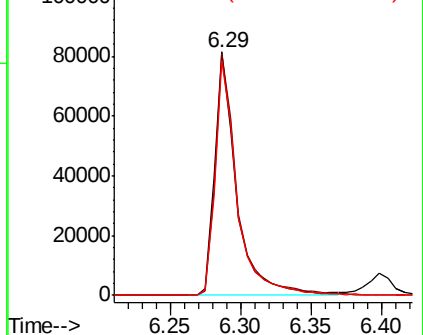
106 96.6 75.9 115.9



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: 36.574 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

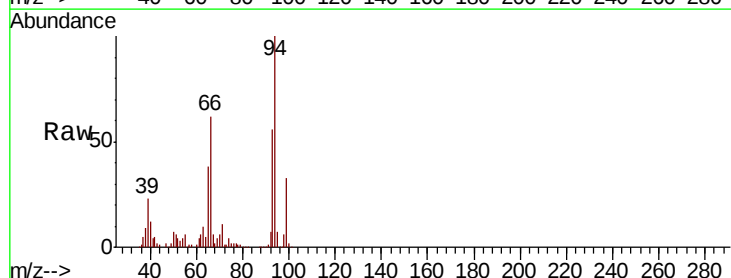
Tgt Ion: 94 Resp: 420476

Ion Ratio Lower Upper

94 100

65 38.3 19.2 59.2

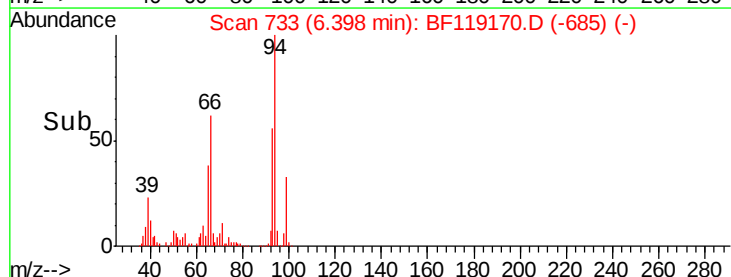
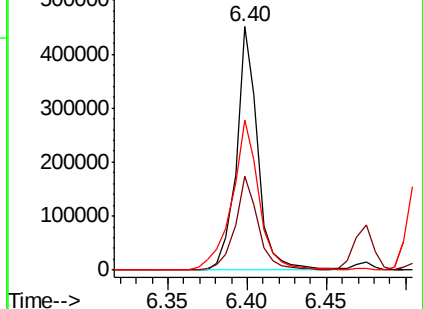
66 61.5 44.4 84.4

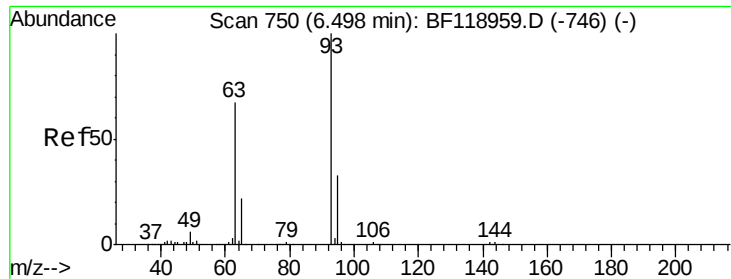


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

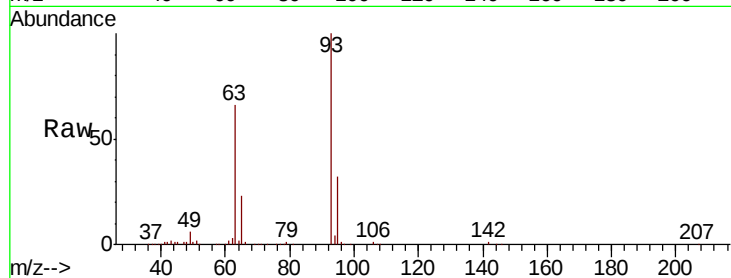




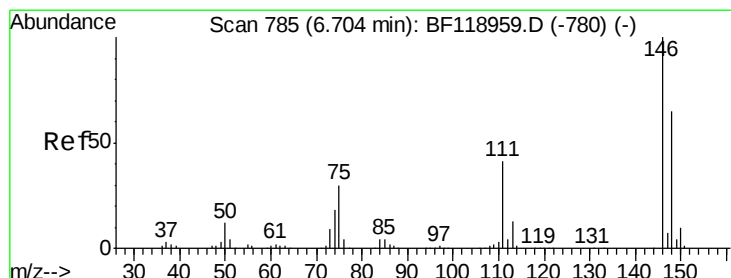
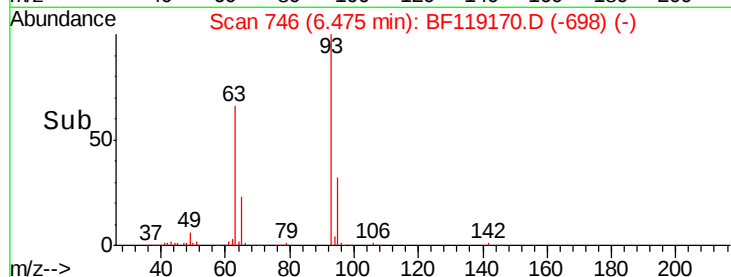
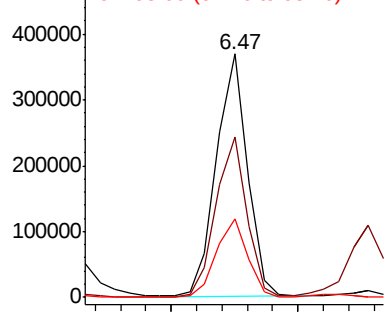
#11
bis(2-Chloroethyl)ether
Concen: 35.658 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 313667
Ion Ratio Lower Upper
93 100
63 66.2 45.4 85.4
95 32.2 13.5 53.5

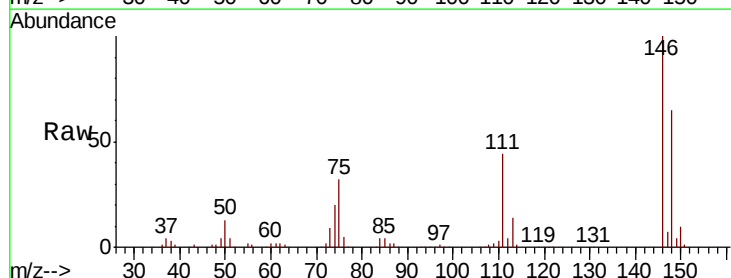


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

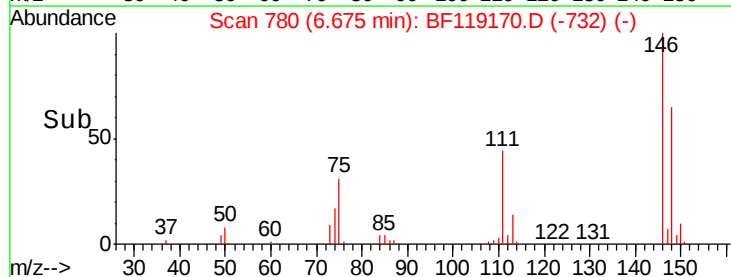
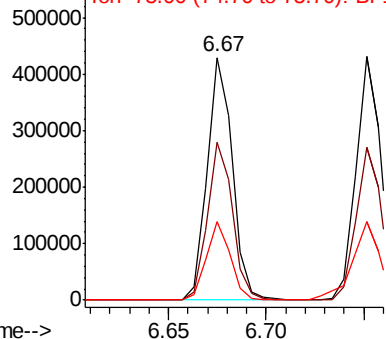


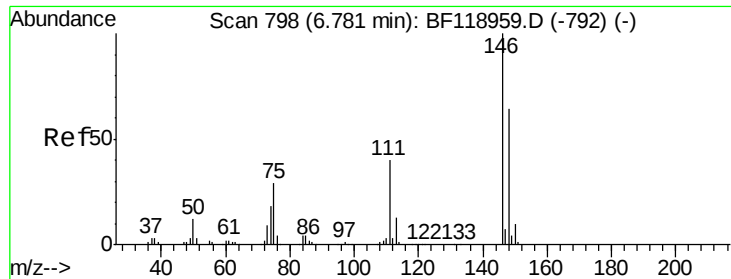
#12
1,3-Dichlorobenzene
Concen: 33.897 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion: 146 Resp: 383346
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 32.2 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

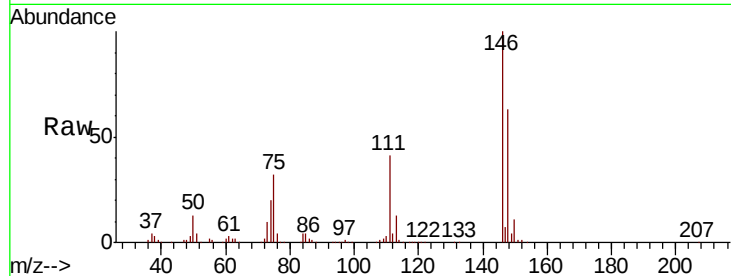




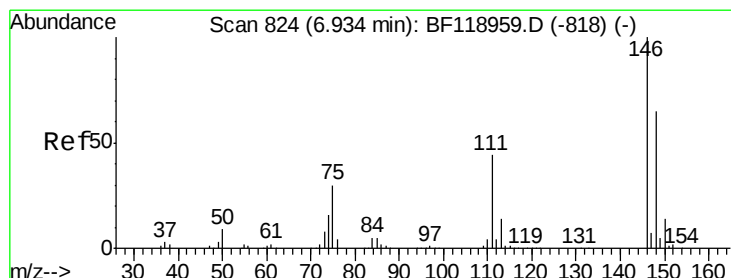
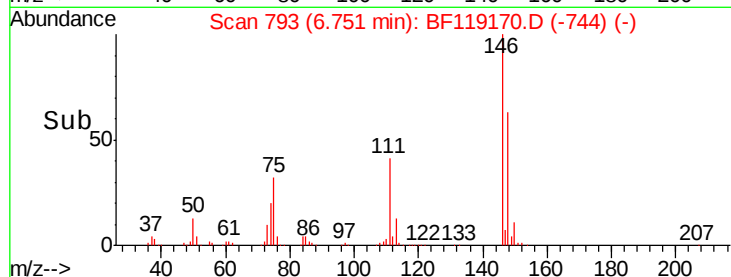
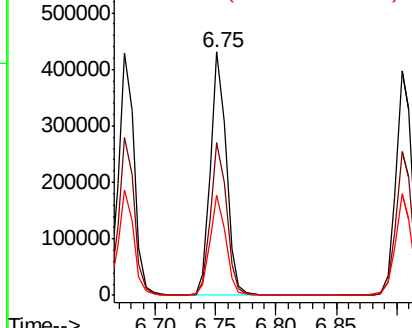
#13
 1,4-Dichlorobenzene
 Concen: 34.715 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 392867
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 41.3 34.8 52.2

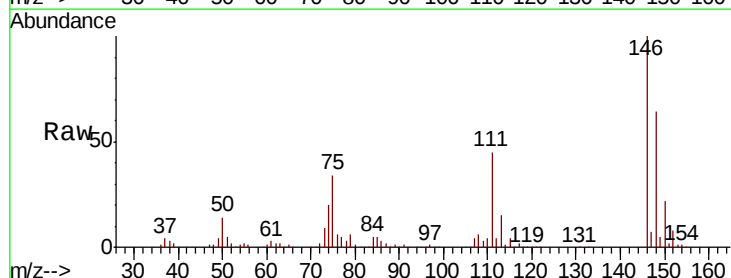


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

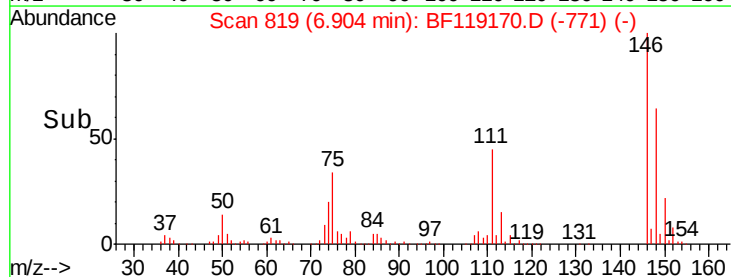
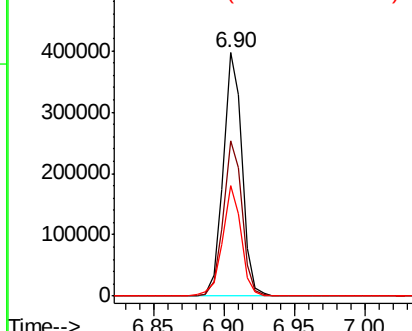


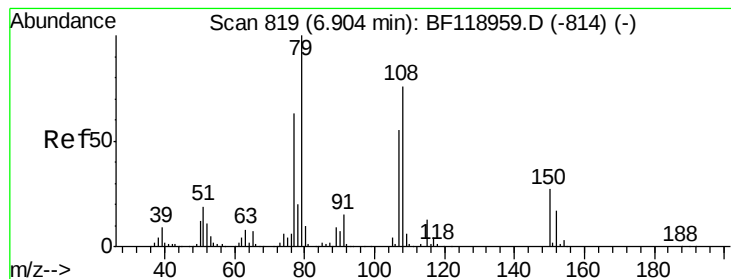
#14
 1,2-Dichlorobenzene
 Concen: 35.503 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:146 Resp: 366432
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 45.3 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: 38.458 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampled :

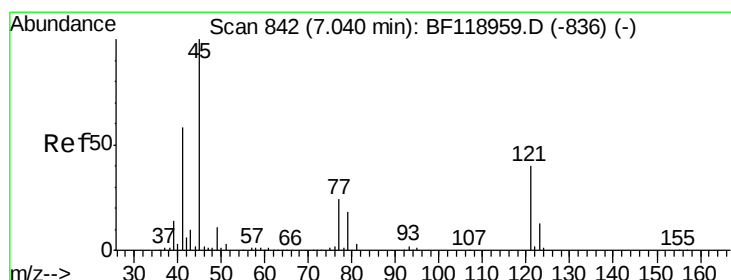
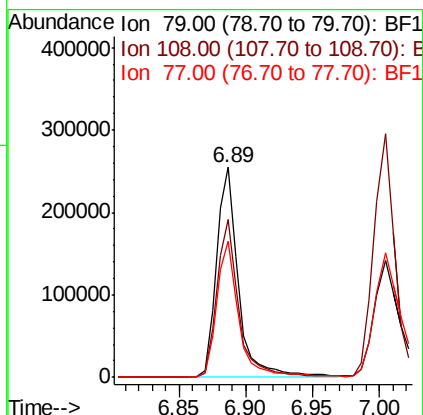
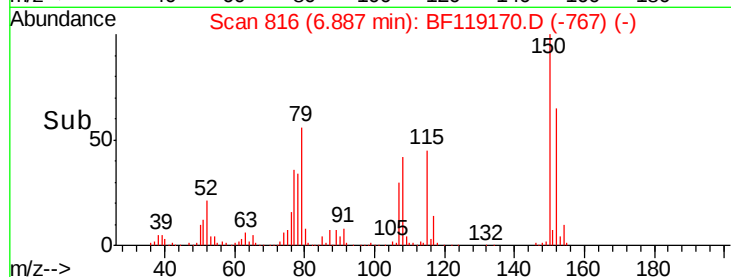
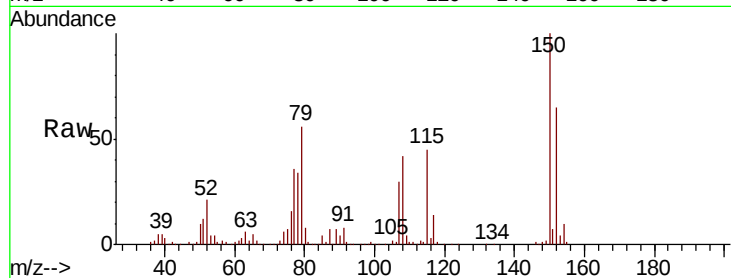
Tot Ion: 79 Resp: 295555

Ion Ratio Lower Upper

79 100

108 75.1 58.2 87.2

77 64.7 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.620 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

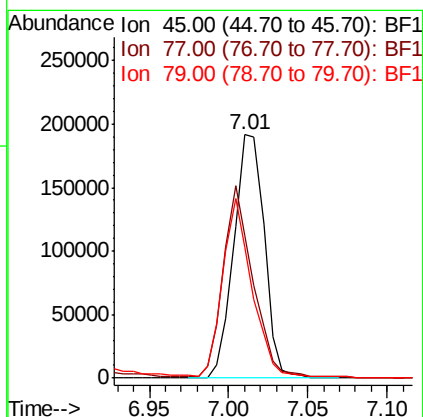
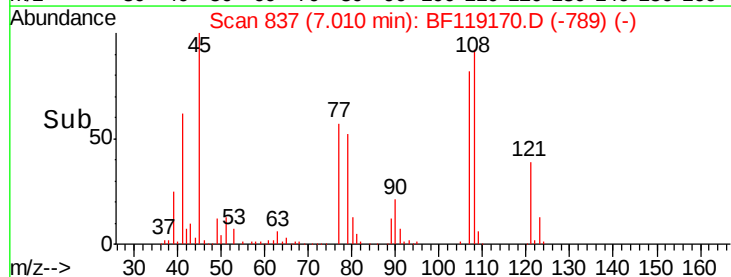
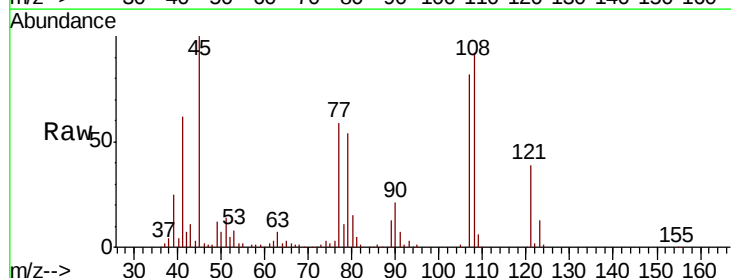
Tgt Ion: 45 Resp: 256186

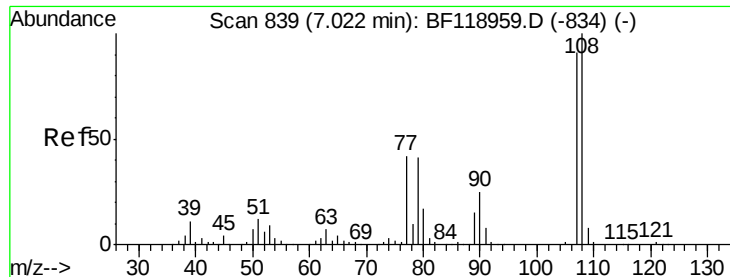
Ion Ratio Lower Upper

45 100

77 58.7 15.0 55.0#

79 53.6 9.4 49.4#

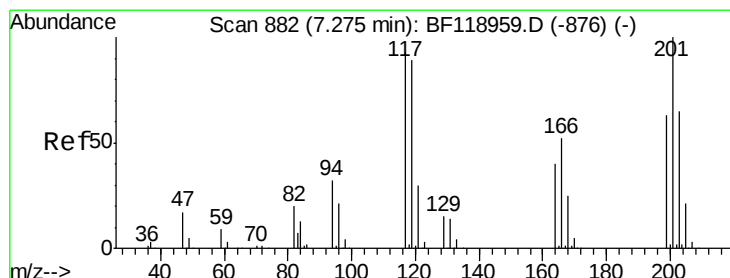
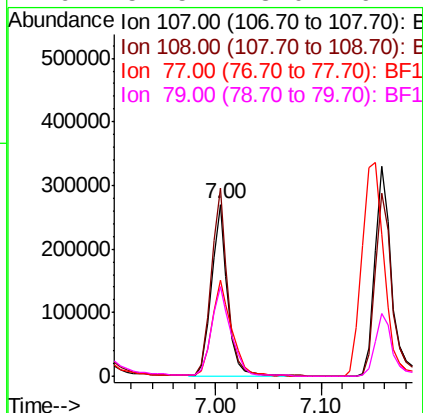
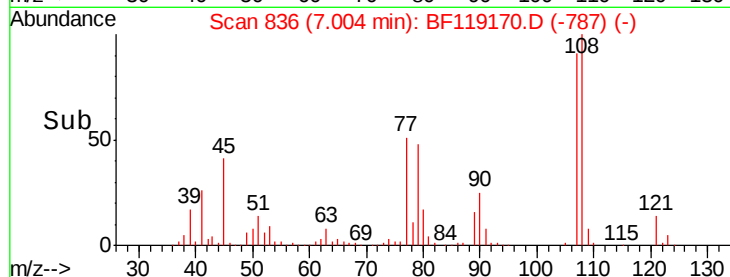
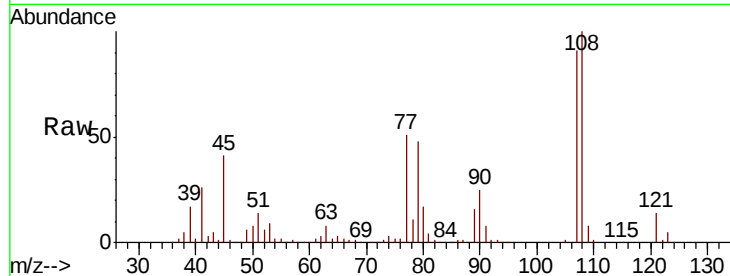




#17
2-Methylphenol
Concen: 37.794 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

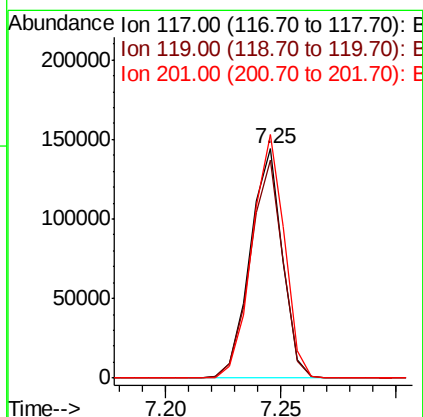
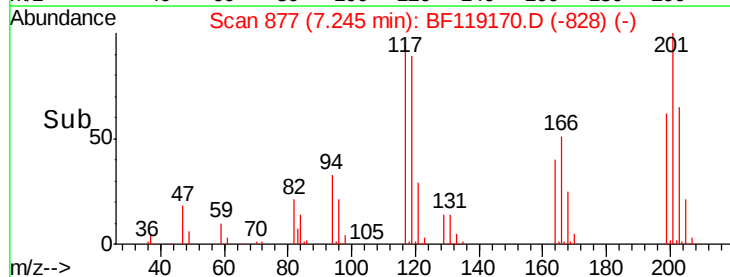
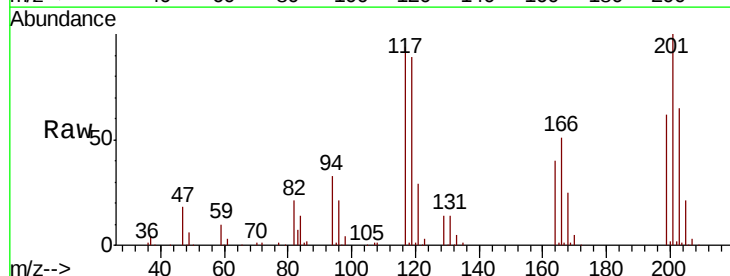
Instrument :
BNA_F
ClientSampleId :

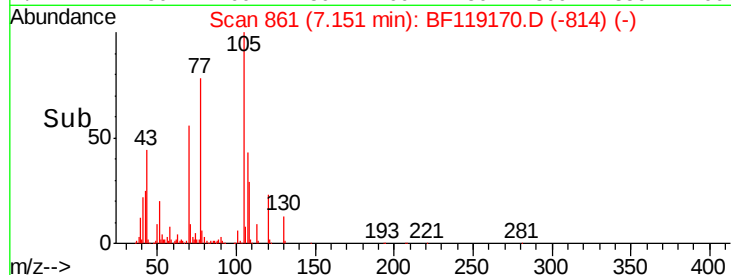
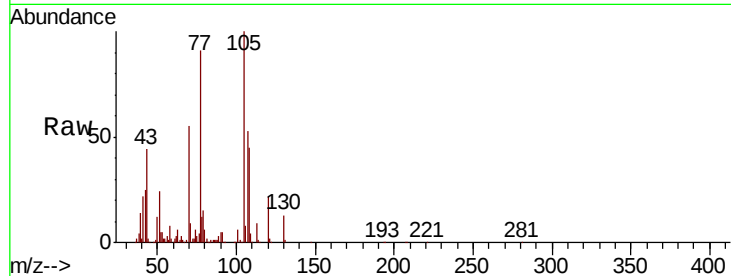
Tot Ion:107 Resp: 289128
Ion Ratio Lower Upper
107 100
108 109.4 87.9 131.9
77 56.2 45.3 67.9
79 52.5 43.0 64.4



#18
Hexachloroethane
Concen: 34.599 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:117 Resp: 140085
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 106.2 82.6 123.8

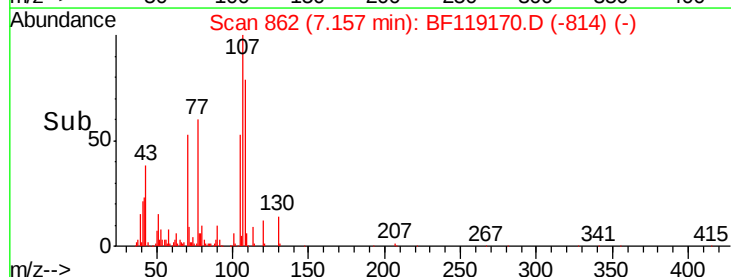
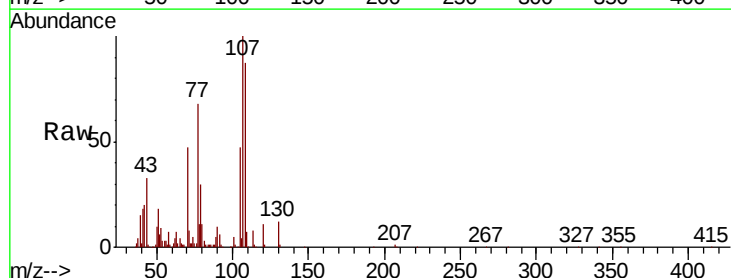
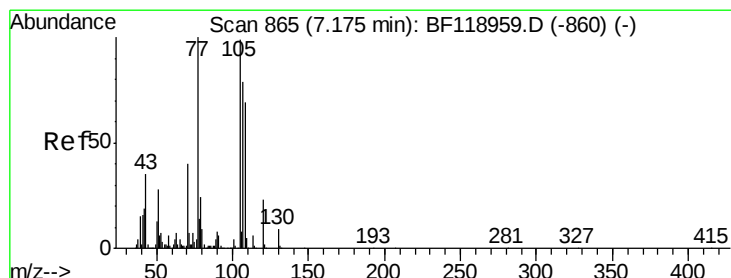
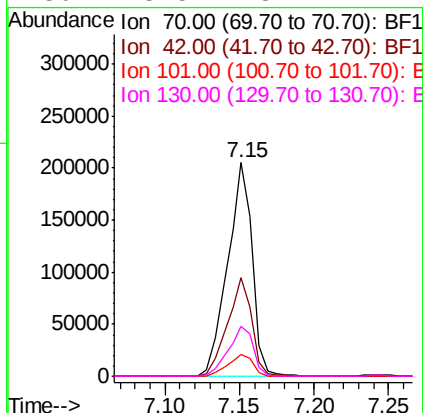




#19
n-Nitroso-di-n-propylamine
Concen: 38.398 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

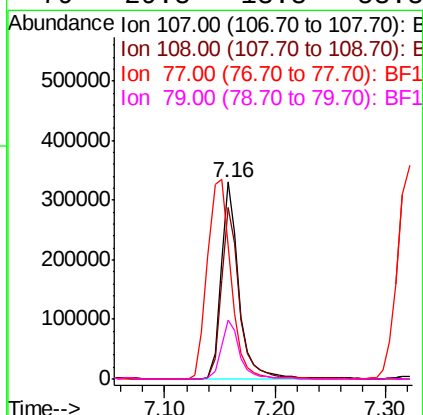
Instrument :
BNA_F
ClientSampleId :

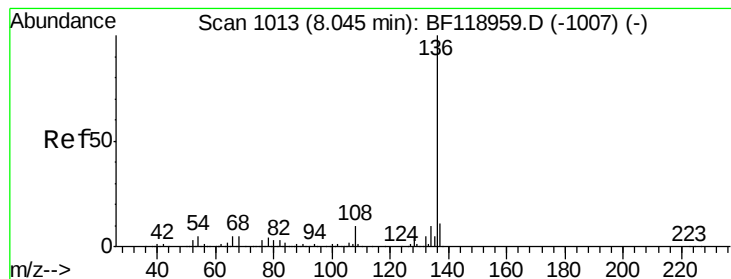
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.9	38.0	57.0
101	10.0	8.2	12.4
130	23.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.205 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	67.6	45.9	85.9
79	29.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 563240

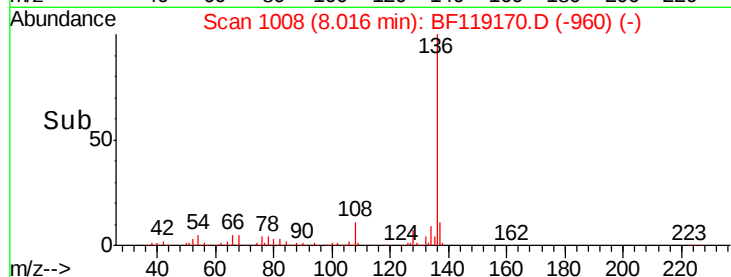
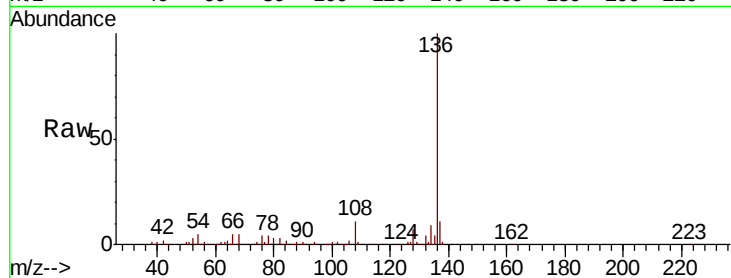
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.0 3.8 5.6

68 5.4 3.9 5.9



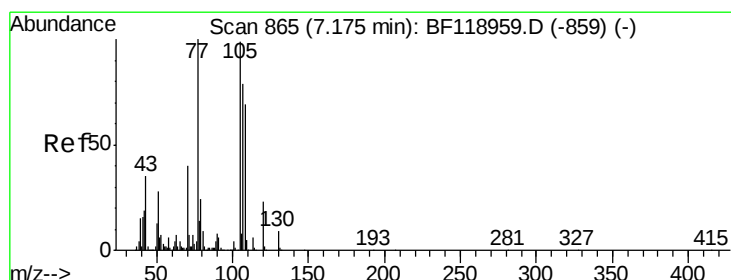
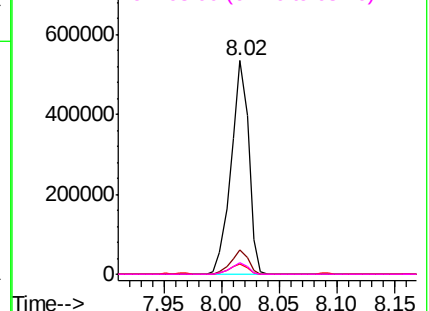
Abundance

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: 36.821 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:105 Resp: 479850

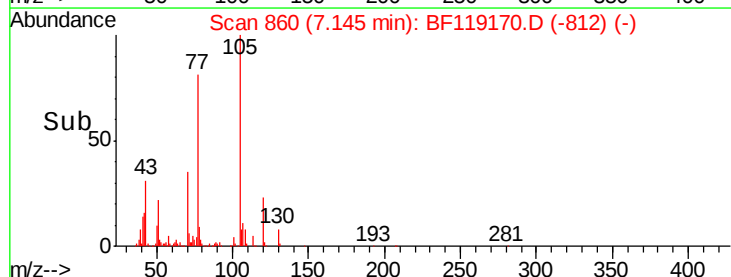
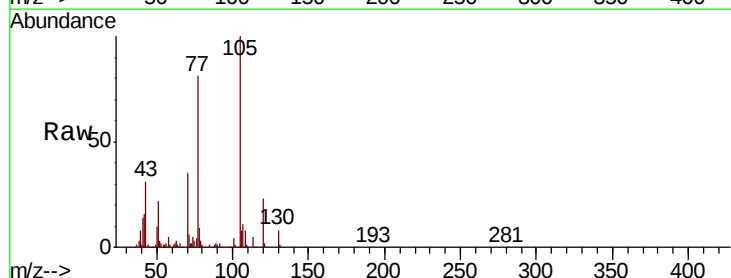
Ion Ratio Lower Upper

105 100

71 5.9 3.0 4.4#

51 21.9 20.1 30.1

120 22.5 18.0 27.0



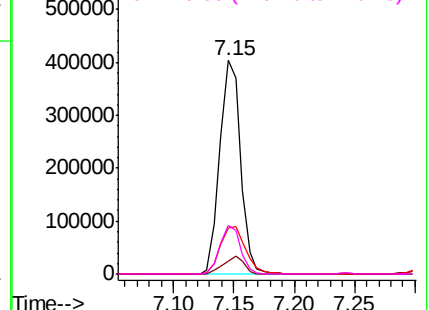
Abundance

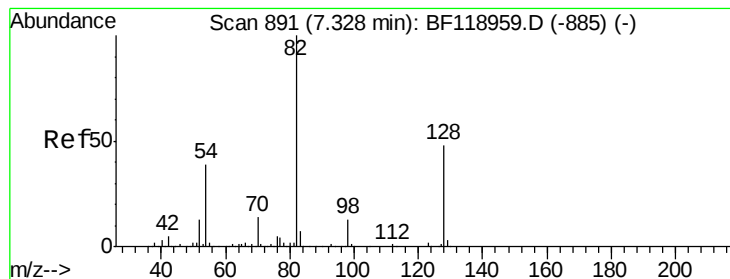
Ion 105.00 (104.70 to 105.70): E

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: 59.334 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

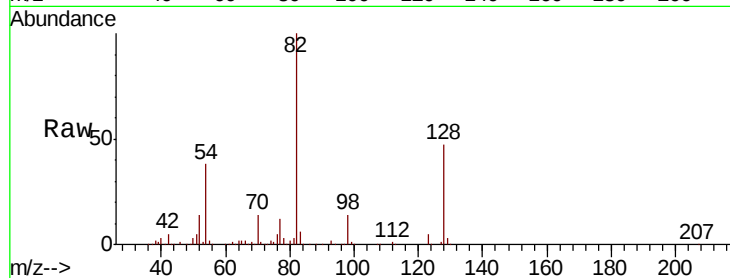
Tot Ion: 82 Resp: 632941

Ion Ratio Lower Upper

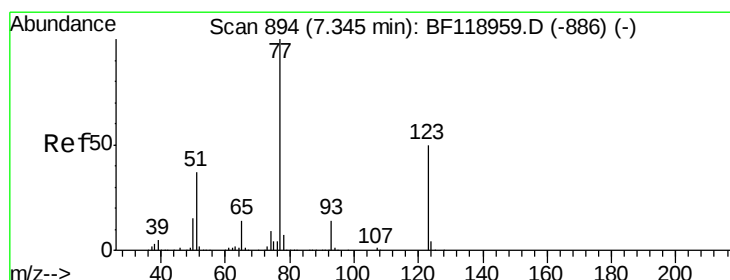
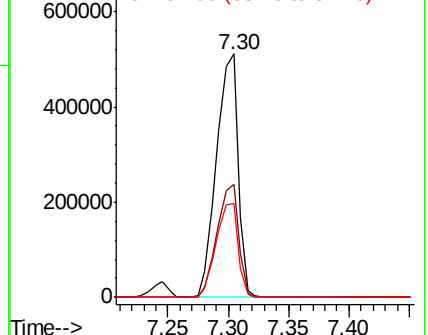
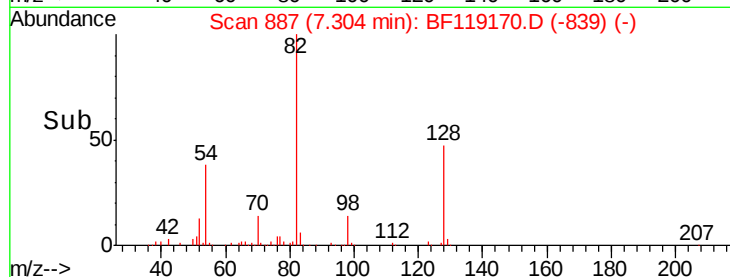
82 100

128 46.7 37.9 56.9

54 38.5 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.103 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

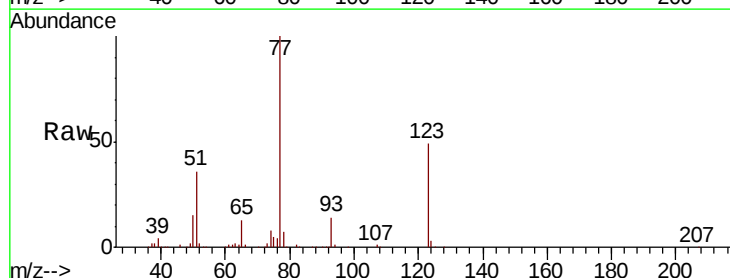
Tgt Ion: 77 Resp: 370307

Ion Ratio Lower Upper

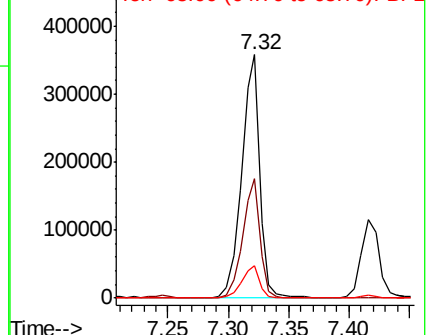
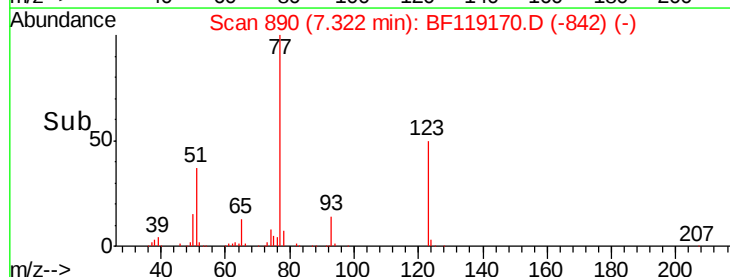
77 100

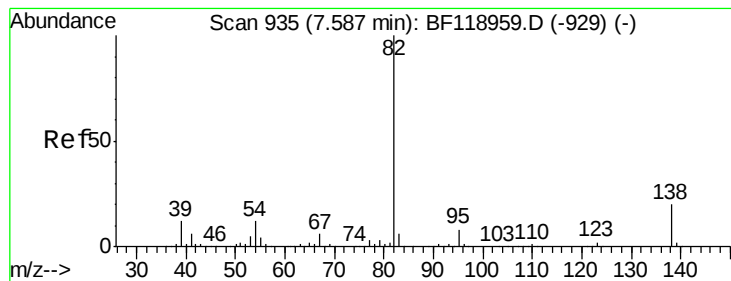
123 49.1 40.2 60.2

65 13.1 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.803 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

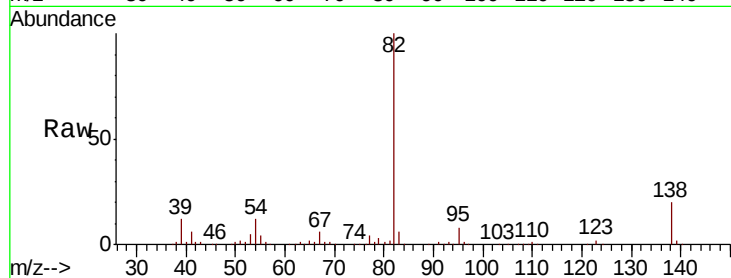
Tot Ion: 82 Resp: 663284

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

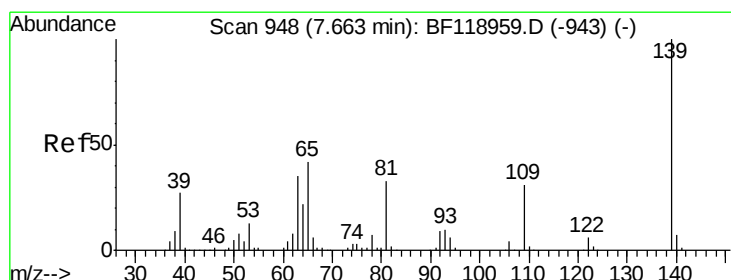
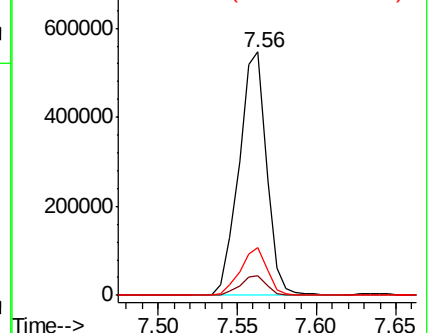
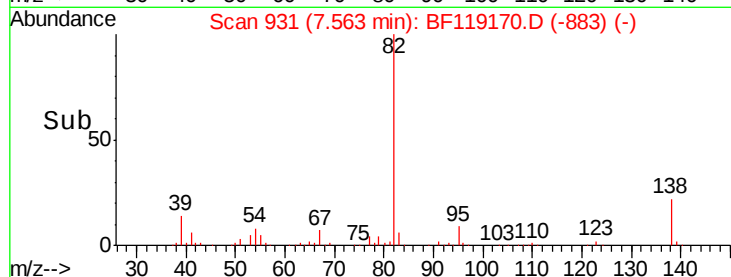
138 19.7 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.740 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

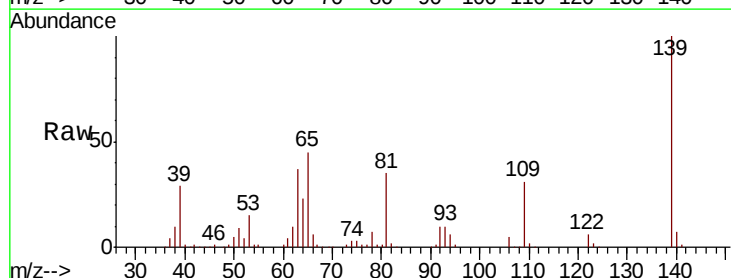
Tgt Ion: 139 Resp: 199765

Ion Ratio Lower Upper

139 100

109 30.7 25.7 38.5

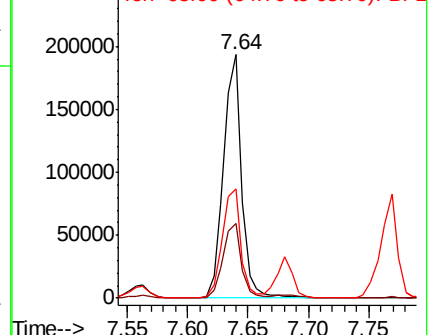
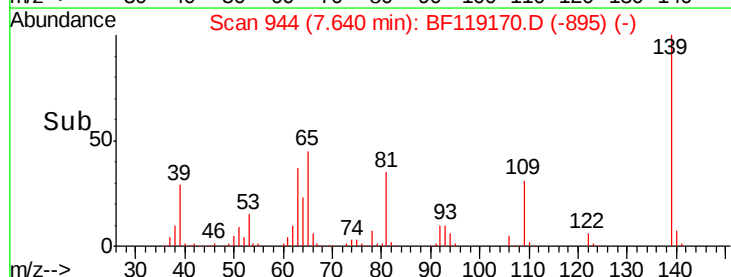
65 44.8 37.1 55.7

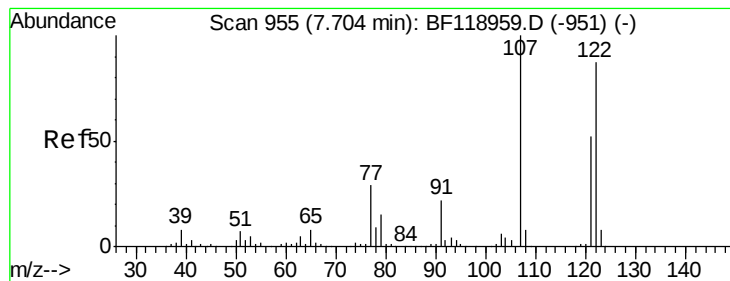


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

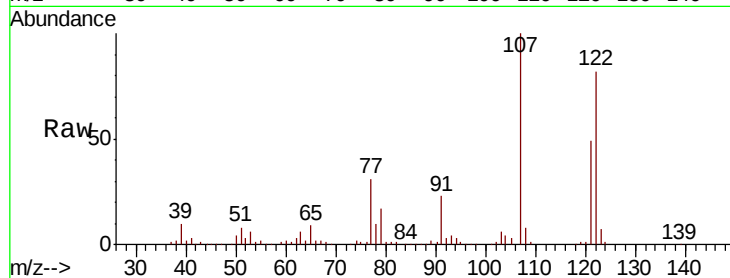




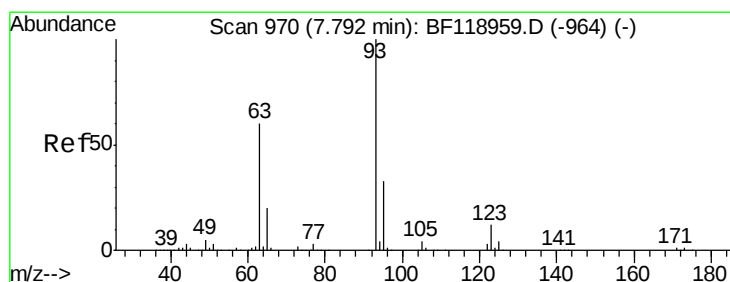
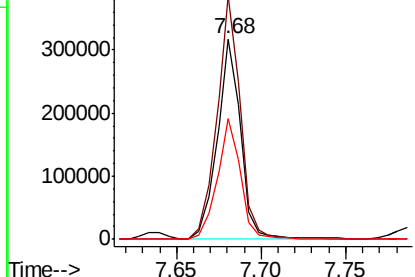
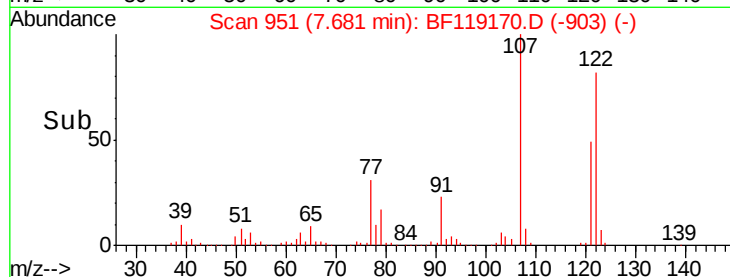
#27
2,4-Dimethylphenol
Concen: 40.049 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 303800
Ion Ratio Lower Upper
122 100
107 121.5 93.8 140.6
121 60.0 48.2 72.2

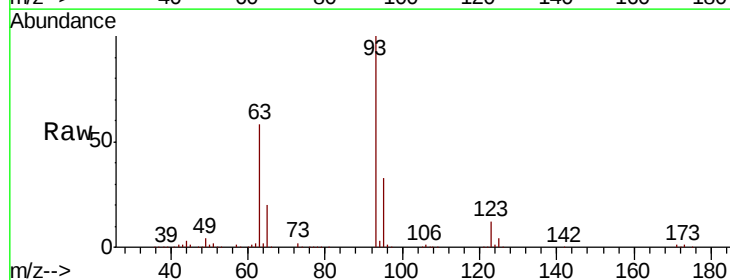


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

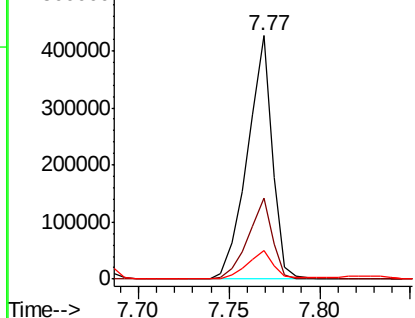
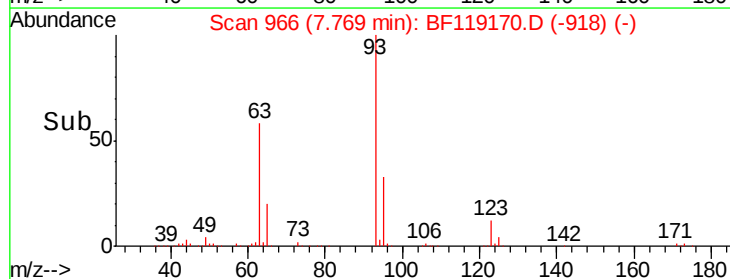


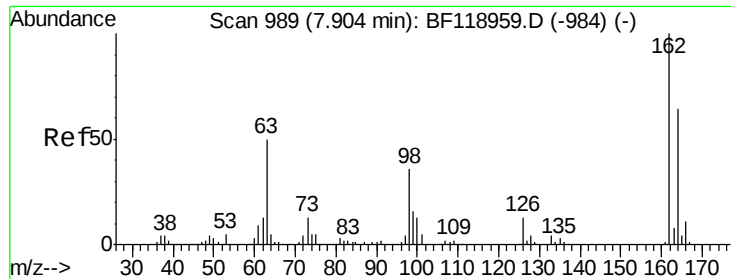
#28
bis(2-Chloroethoxy)methane
Concen: 33.719 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion: 93 Resp: 406604
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.9 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

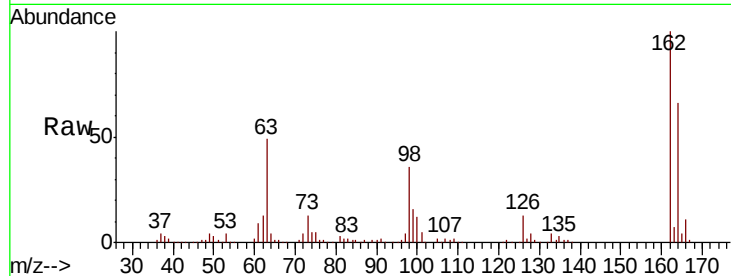




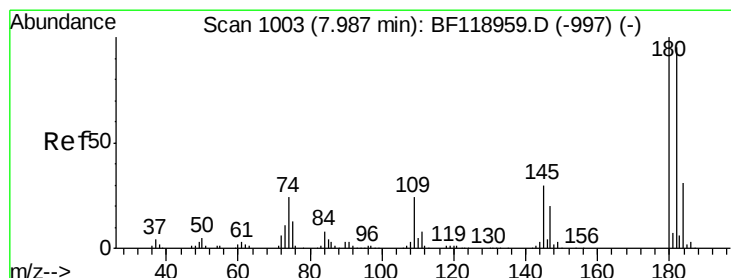
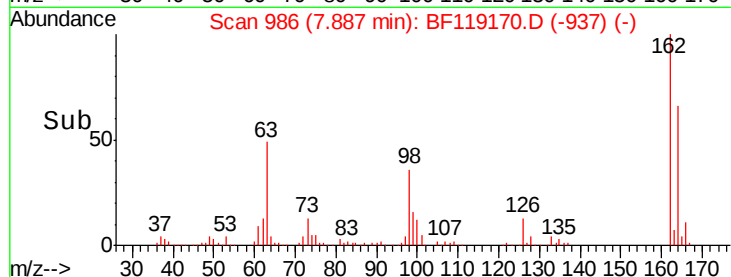
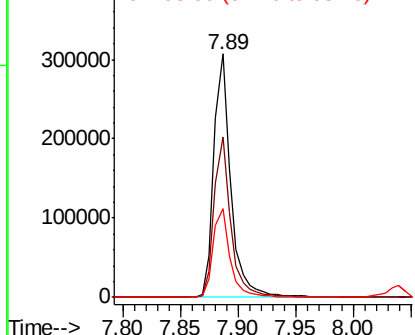
#29
 2,4-Dichlorophenol
 Concen: 35.282 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 315076
 Ion Ratio Lower Upper
 162 100
 164 65.7 45.2 85.2
 98 36.3 17.4 57.4

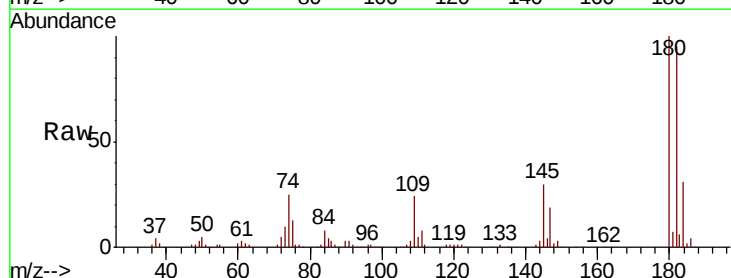


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

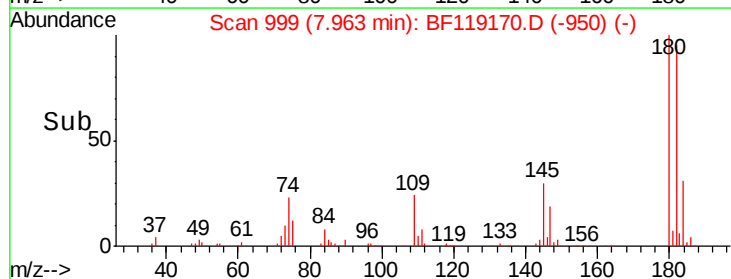
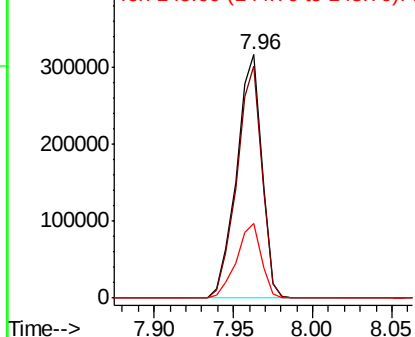


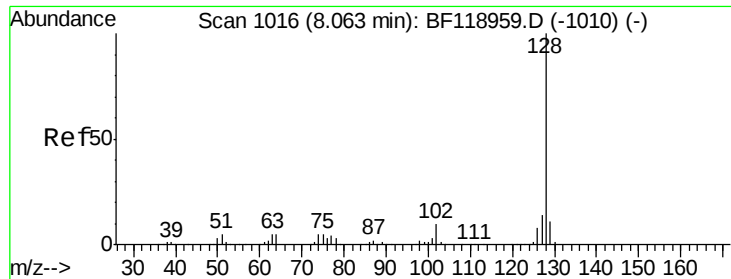
#30
 1,2,4-Trichlorobenzene
 Concen: 32.867 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:180 Resp: 347996
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.8 116.6
 145 30.4 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

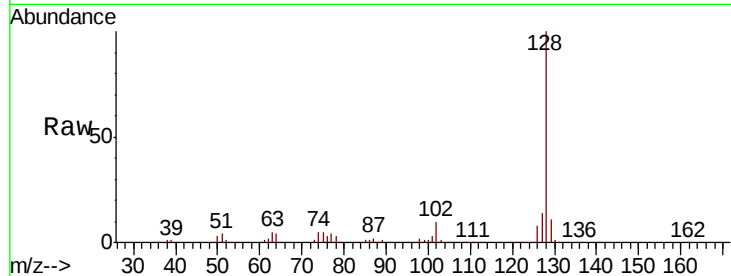




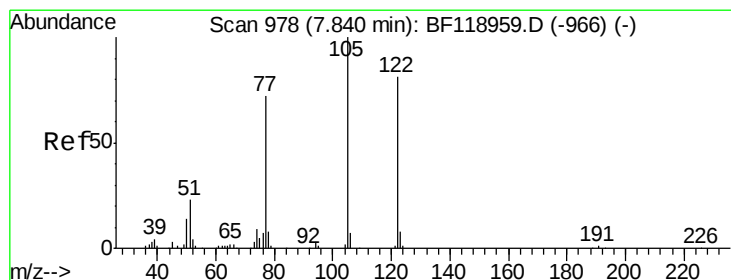
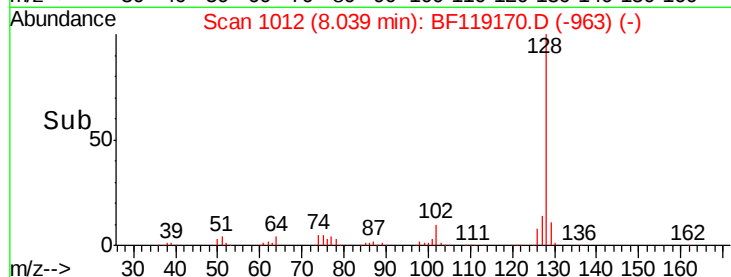
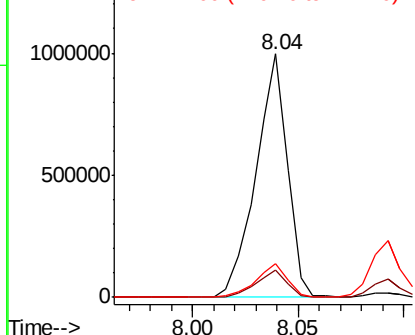
#31
Naphthalene
Concen: 35.349 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1032567
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.8 11.4 17.2

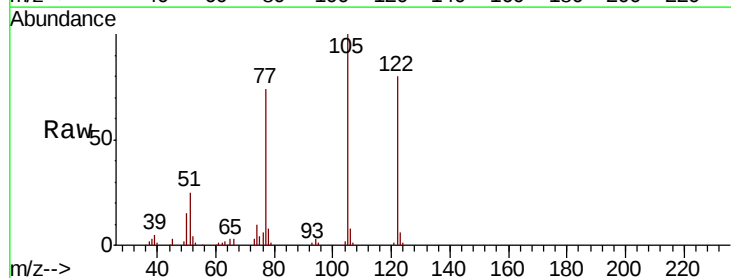


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

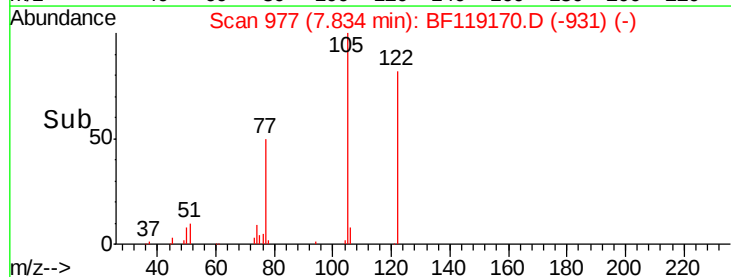
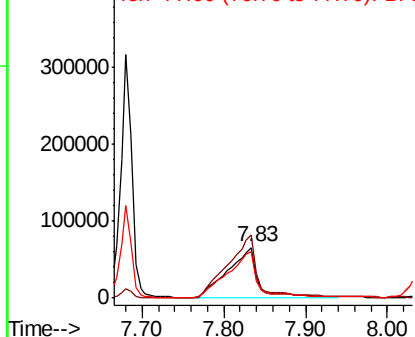


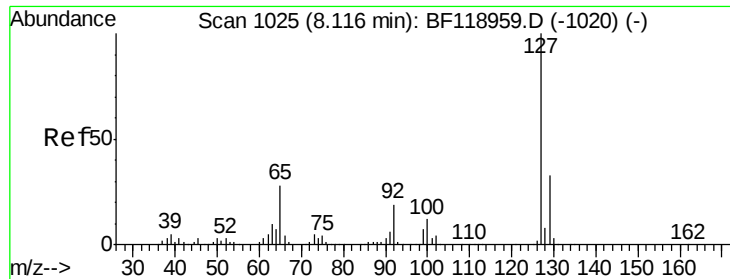
#32
Benzoic acid
Concen: 32.268 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.03 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:122 Resp: 164529
Ion Ratio Lower Upper
122 100
105 124.8 106.3 146.3
77 92.3 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

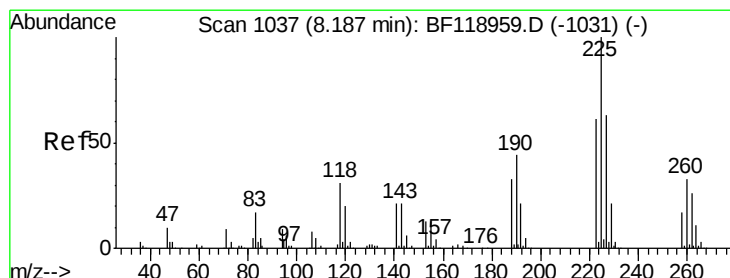
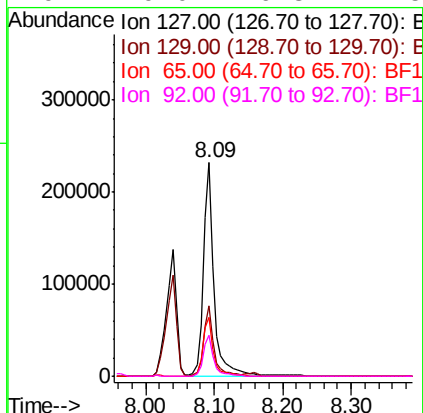
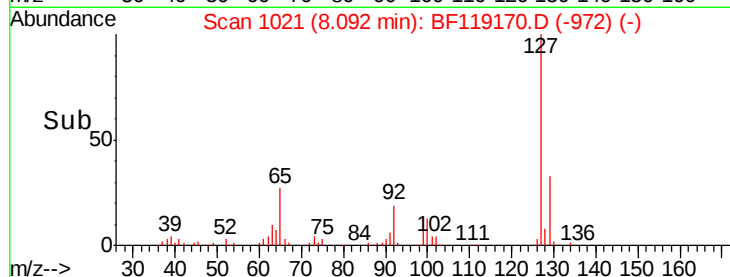
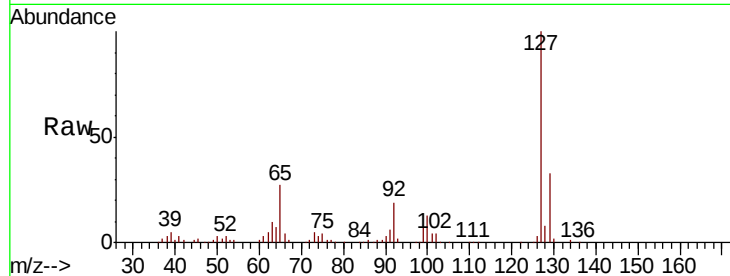




#33
4-Chloroaniline
Concen: 20.526 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

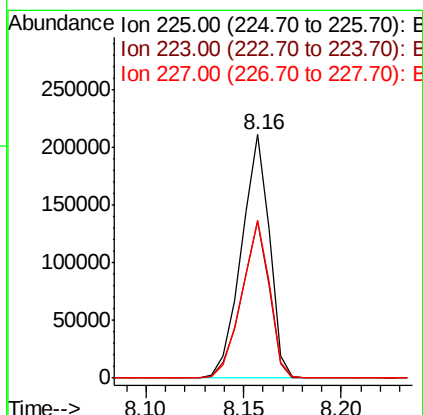
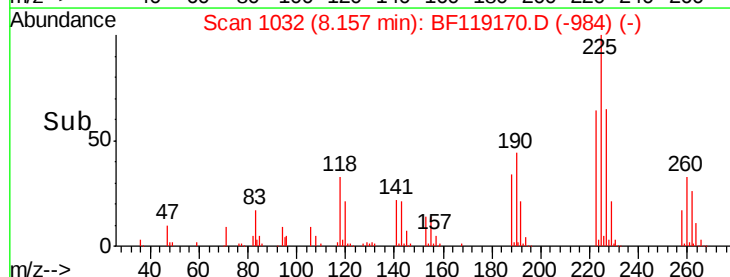
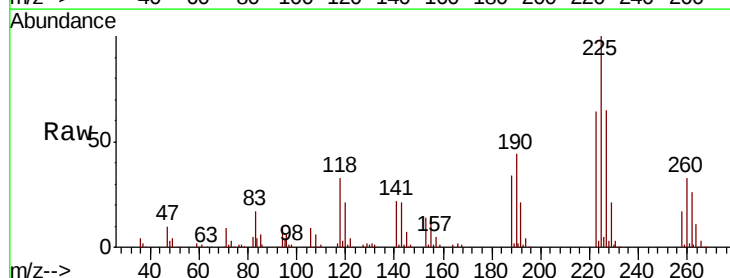
Instrument :
BNA_F
ClientSampleId :

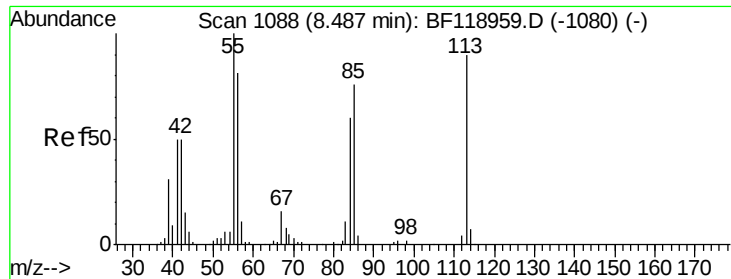
Tot Ion:	127	Resp:	257876
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	27.3	23.9	35.9
92	19.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 31.831 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:	225	Resp:	209933
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.2
227	64.7	52.9	79.3

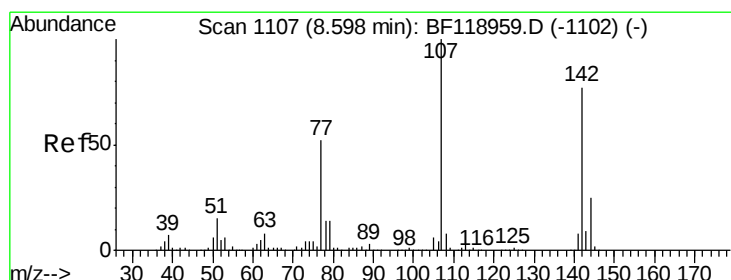
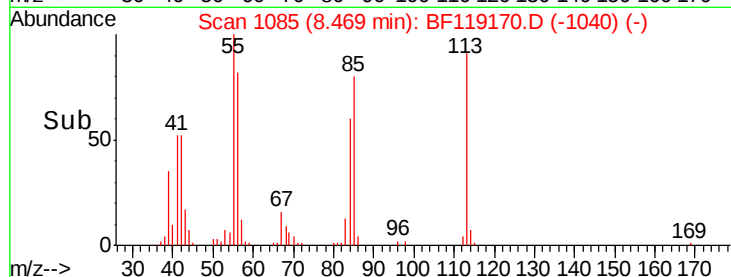
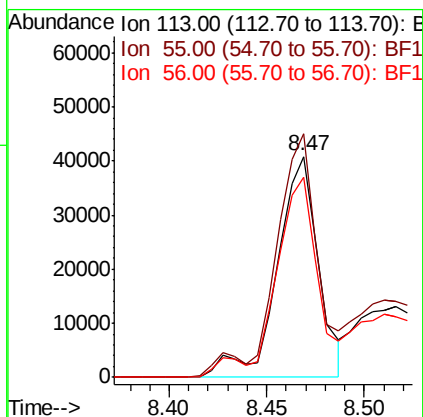
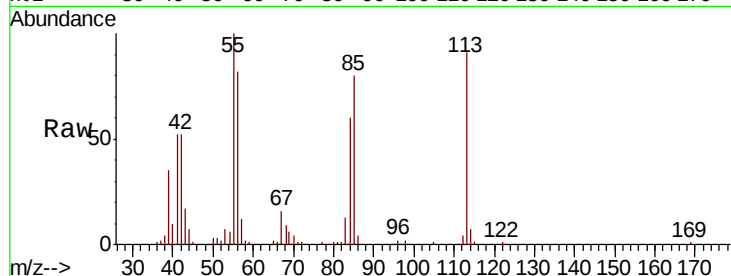




#35
Caprolactam
Concen: 21.720 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

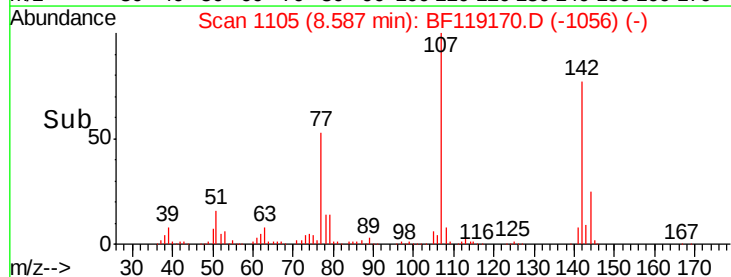
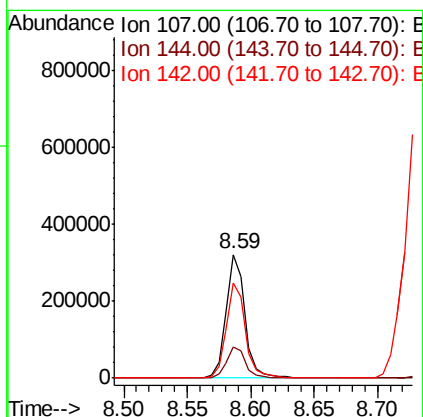
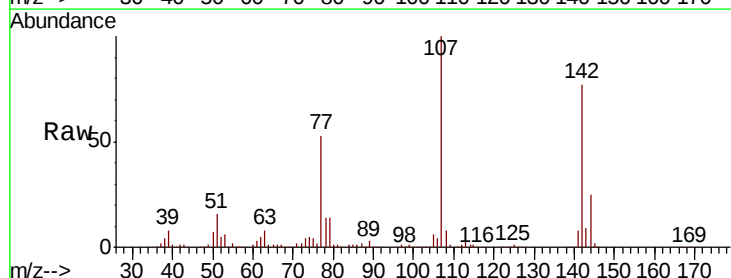
Instrument :
BNA_F
ClientSampleId :

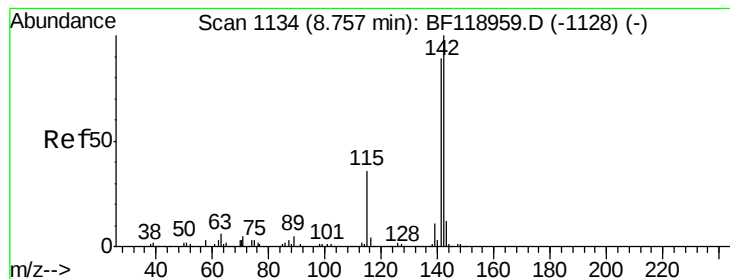
Tot Ion:113 Resp: 59726
Ion Ratio Lower Upper
113 100
55 110.3 95.7 135.7
56 90.5 73.1 113.1



#36
4-Chloro-3-methylphenol
Concen: 36.786 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:107 Resp: 332469
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 76.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 36.467 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

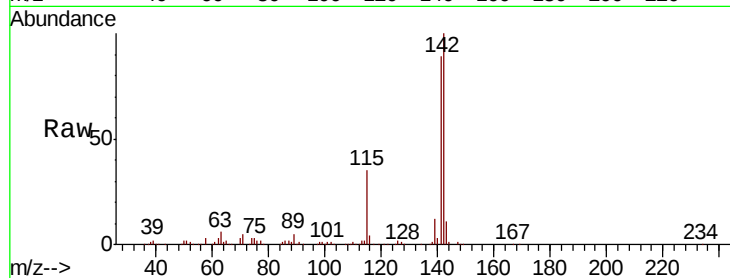
Tot Ion:142 Resp: 716871

Ion Ratio Lower Upper

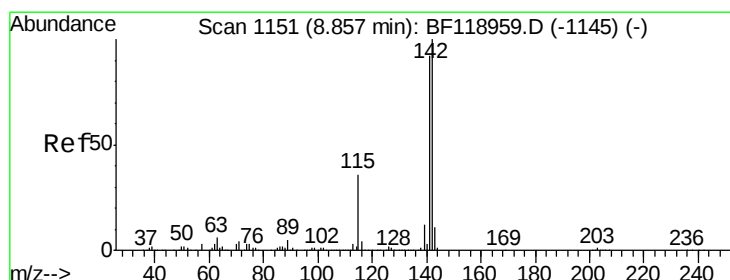
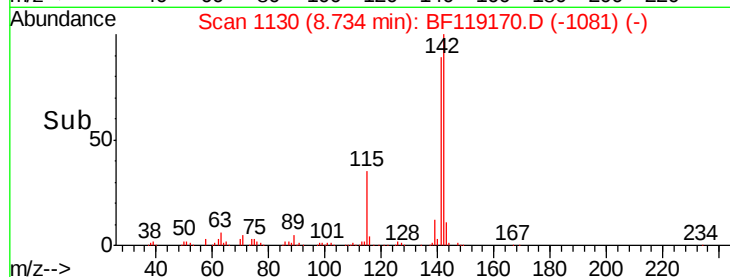
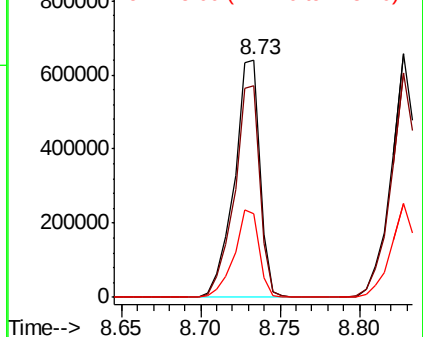
142 100

141 89.1 72.3 108.5

115 35.4 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: 36.148 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

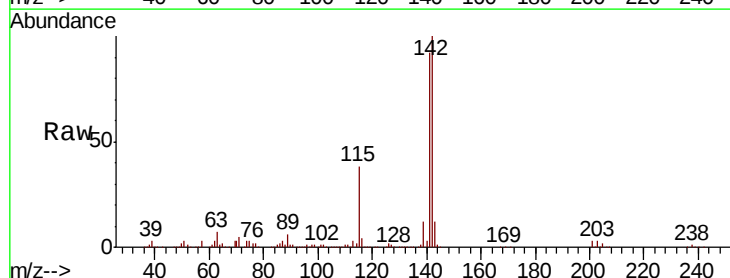
Tgt Ion:142 Resp: 668270

Ion Ratio Lower Upper

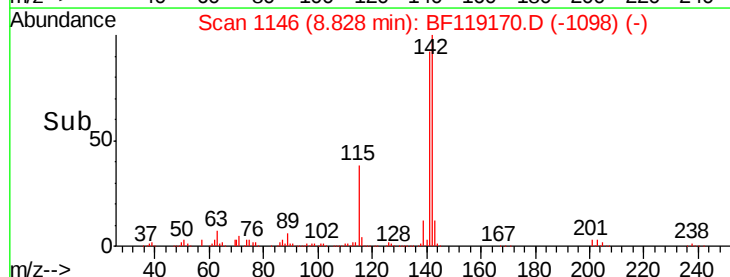
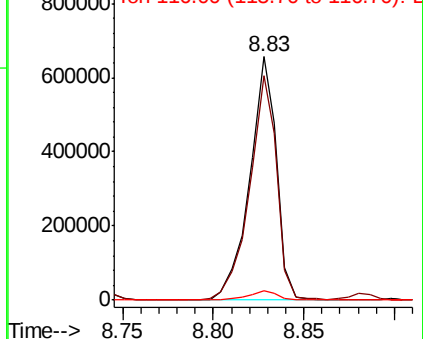
142 100

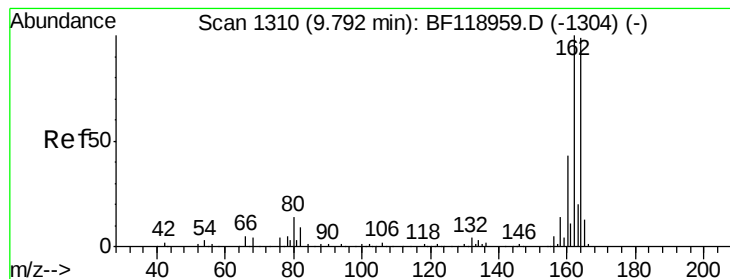
141 92.3 75.8 113.6

116 3.9 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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

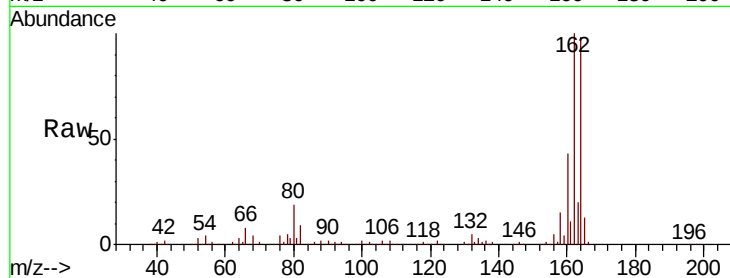
Tot Ion:164 Resp: 324619

Ion Ratio Lower Upper

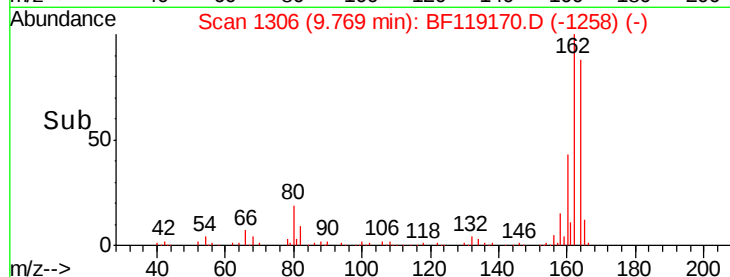
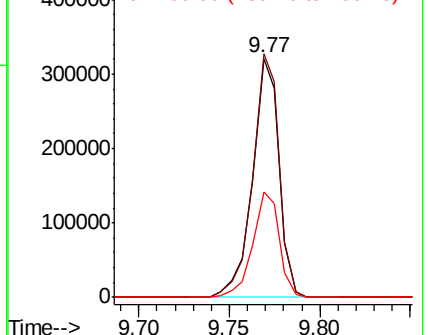
164 100

162 101.9 81.8 122.8

160 44.2 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: 32.560 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:216 Resp: 356363

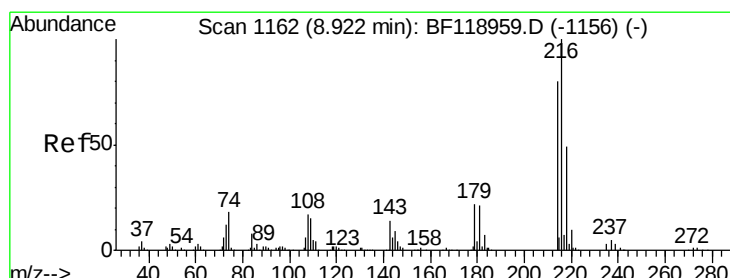
Ion Ratio Lower Upper

216 100

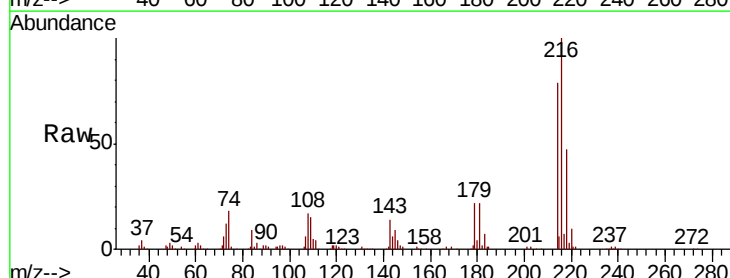
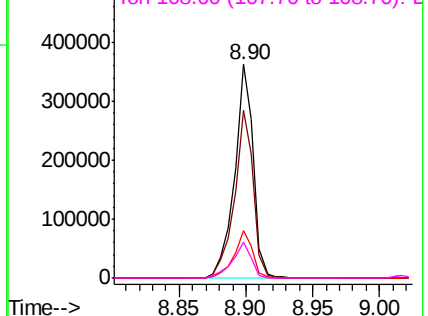
214 78.9 63.3 94.9

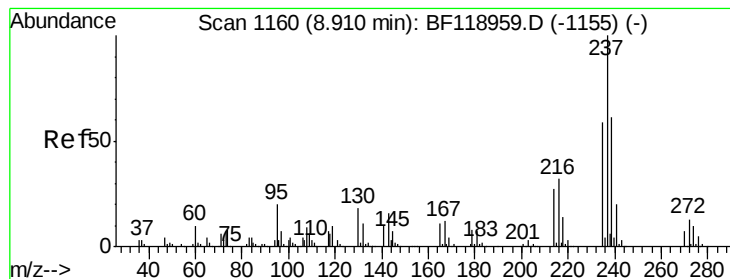
179 21.8 17.7 26.5

108 17.3 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: 36.681 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

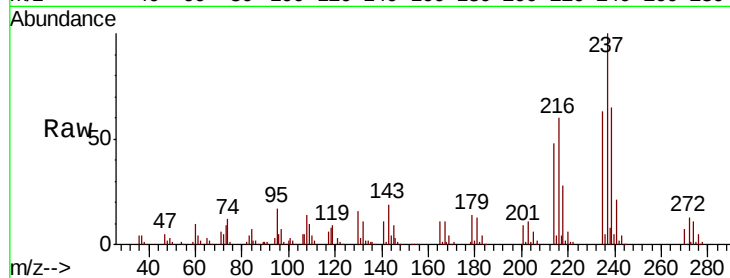
Tot Ion:237 Resp: 123171

Ion Ratio Lower Upper

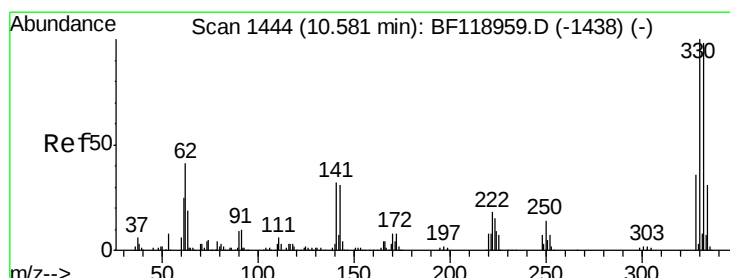
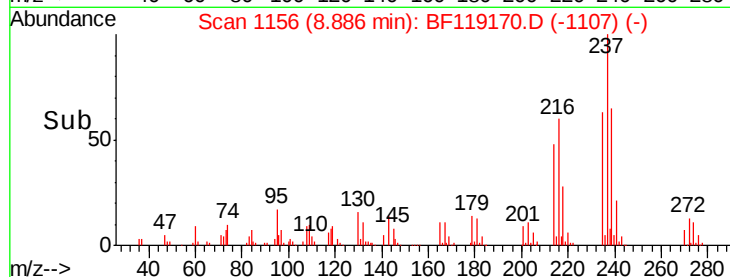
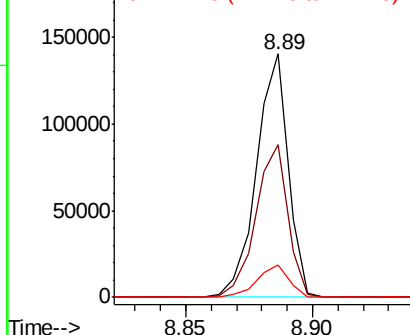
237 100

235 62.6 42.3 82.3

272 13.3 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: 92.679 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

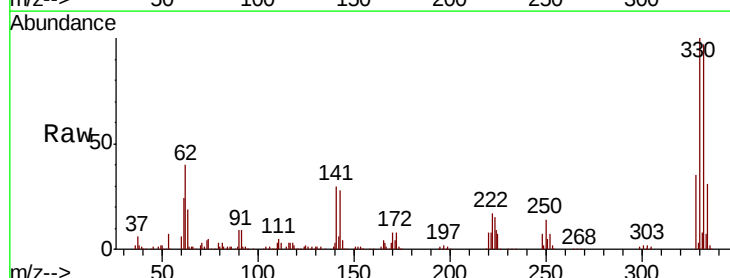
Tgt Ion:330 Resp: 393566

Ion Ratio Lower Upper

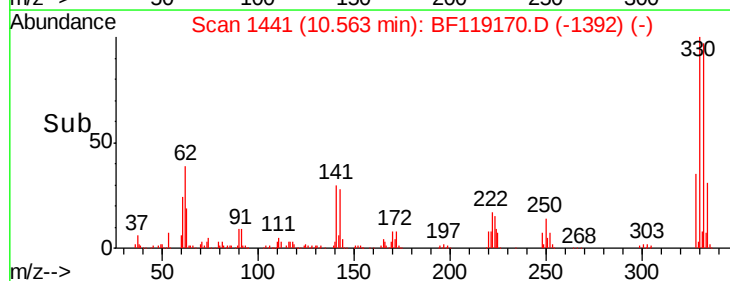
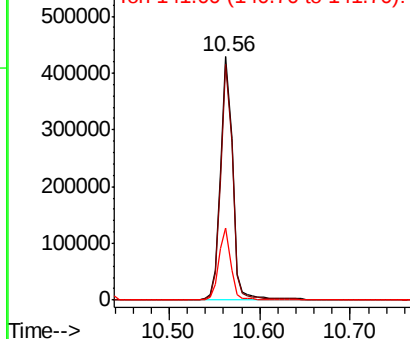
330 100

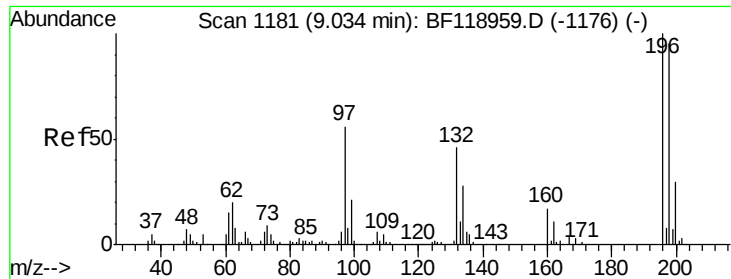
332 95.9 76.0 114.0

141 29.3 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

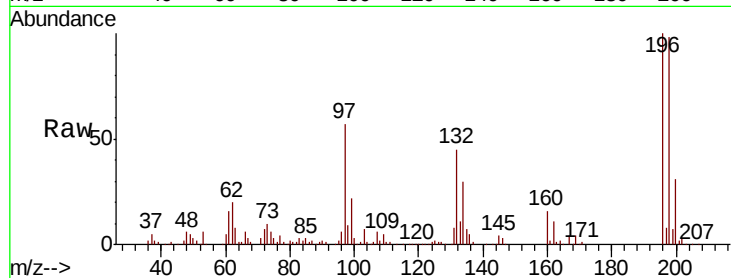




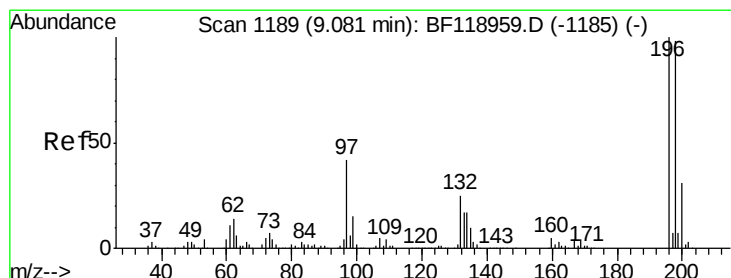
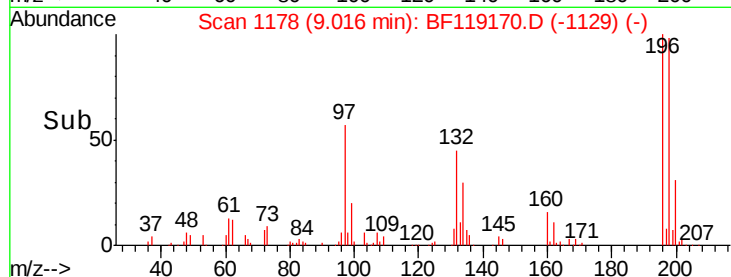
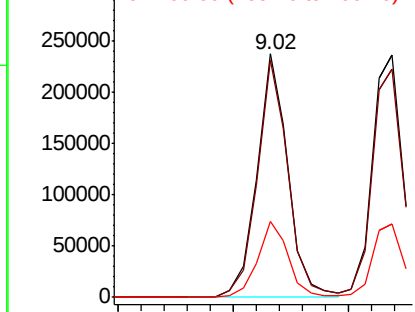
#43
 2,4,6-Trichlorophenol
 Concen: 32.076 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 221694
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.1 115.7
 200 31.1 25.0 37.6

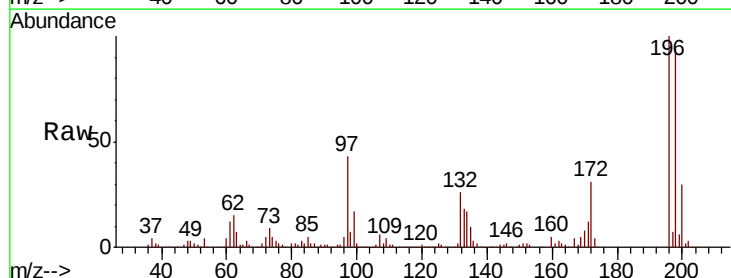


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

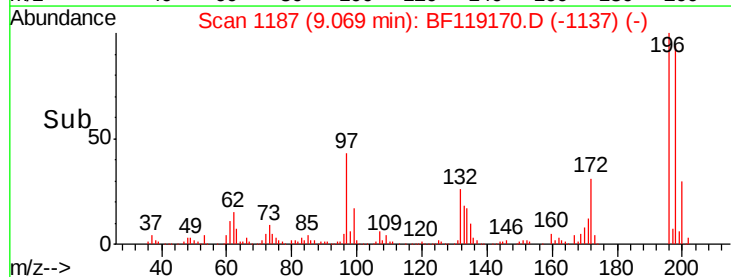
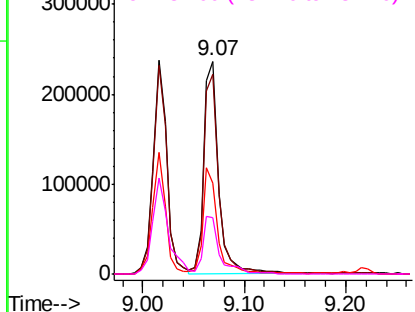


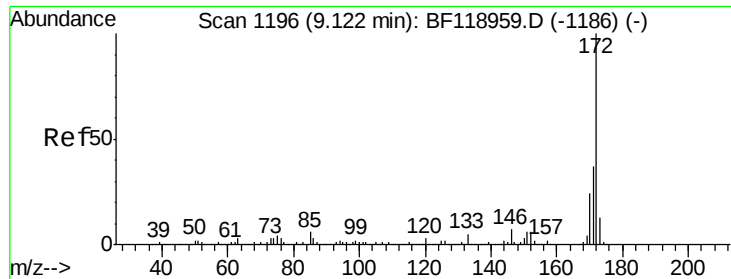
#44
 2,4,5-Trichlorophenol
 Concen: 33.126 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:196 Resp: 240255
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.8 115.2
 97 42.8 38.5 57.7
 132 26.2 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

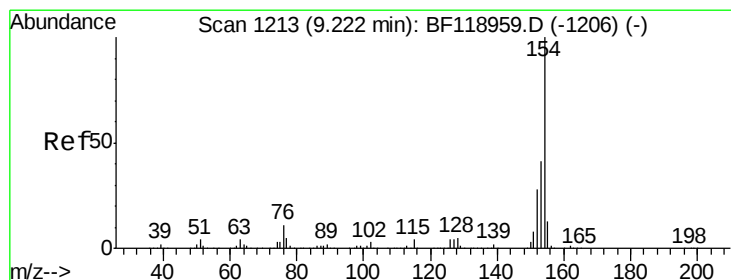
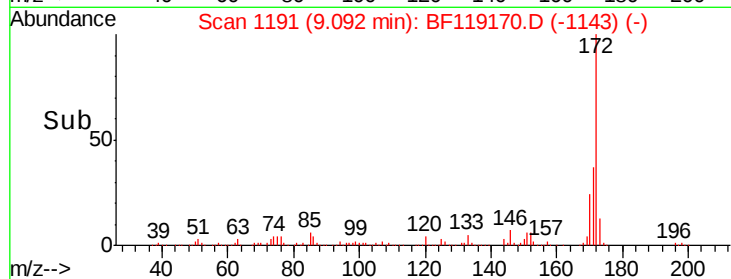
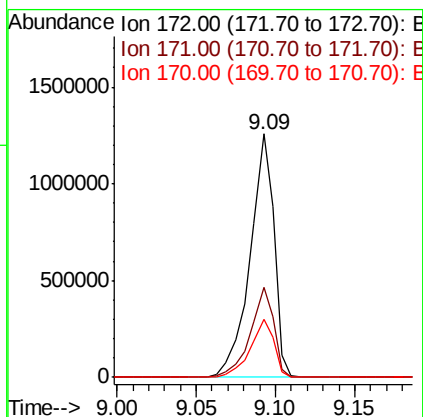
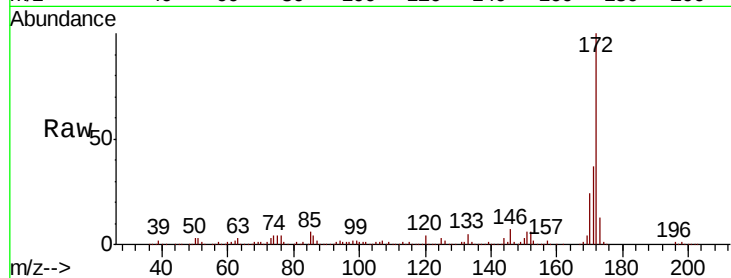




#45
2-Fluorobiphenyl
Concen: 59.682 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

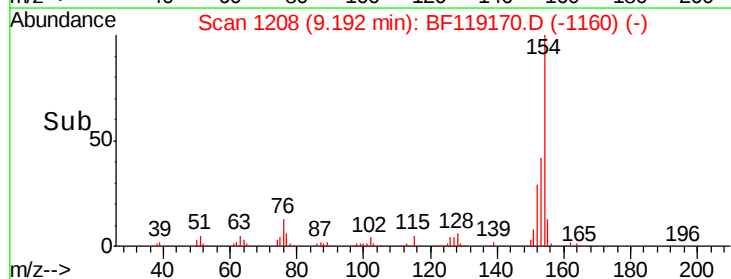
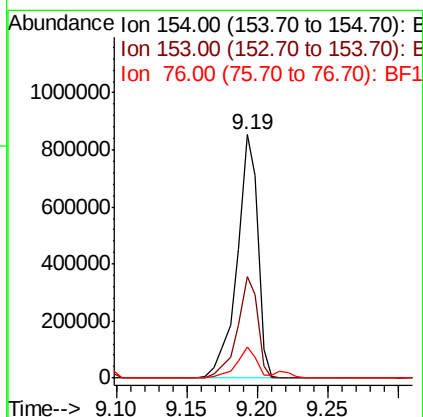
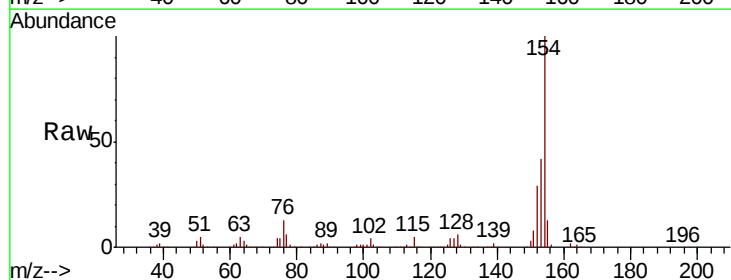
Instrument :
BNA_F
ClientSampleId :

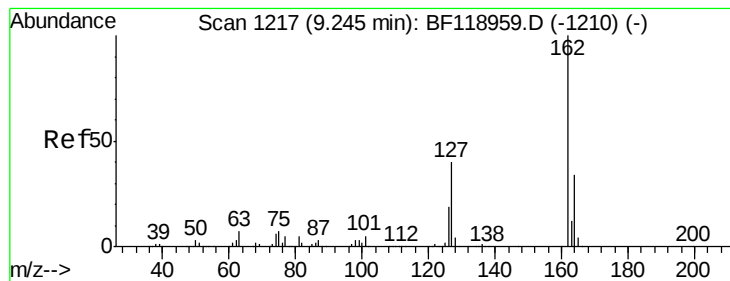
Tot Ion:172 Resp: 1315122
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 33.085 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:154 Resp: 868023
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 32.570 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

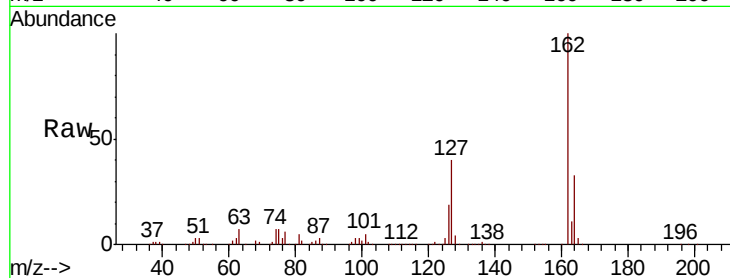
Tot Ion:162 Resp: 688603

Ion Ratio Lower Upper

162 100

127 40.1 35.0 52.4

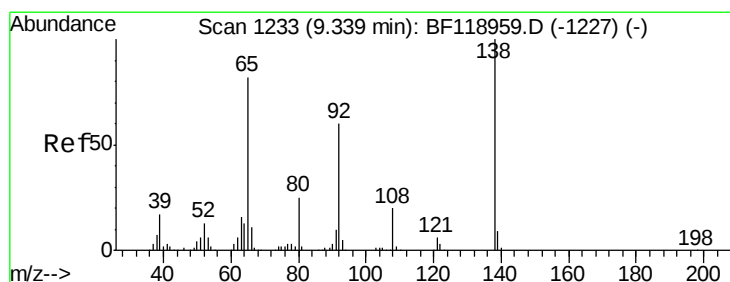
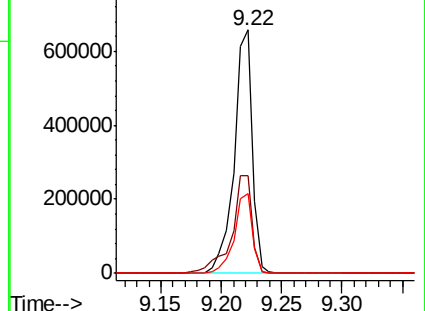
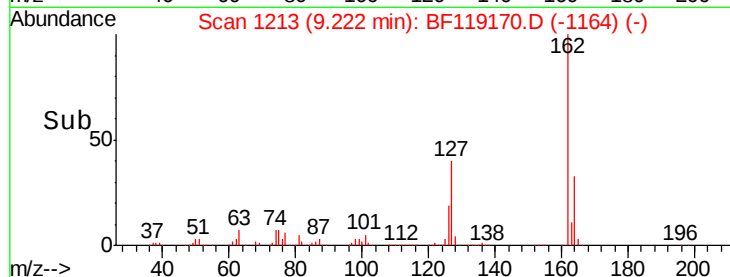
164 32.9 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 33.496 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

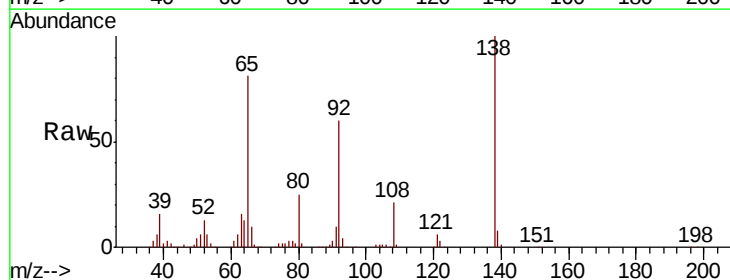
Tgt Ion: 65 Resp: 197526

Ion Ratio Lower Upper

65 100

92 74.5 58.2 87.2

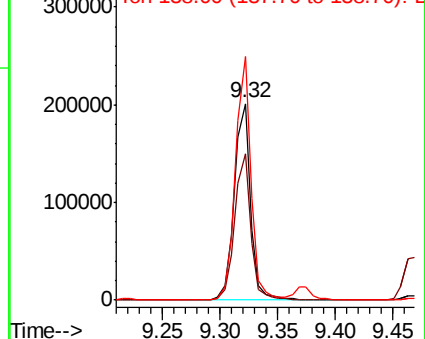
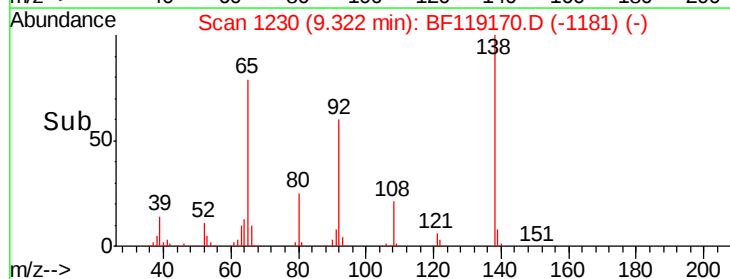
138 124.0 95.6 143.4

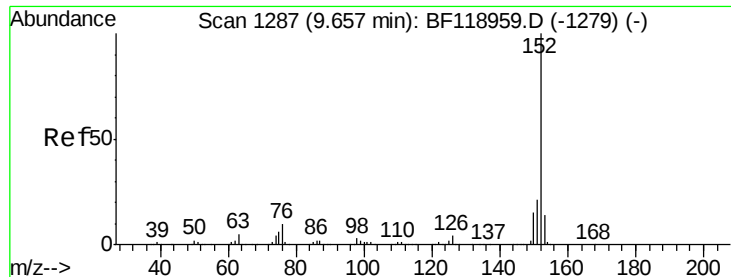


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.301 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

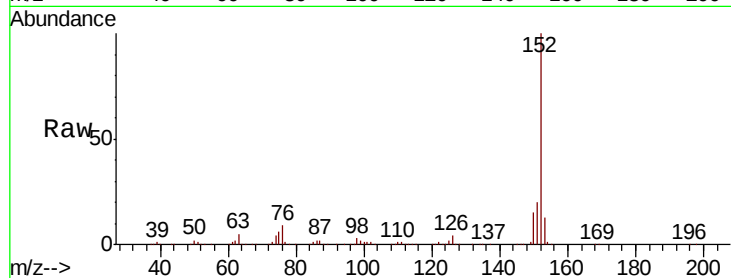
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1047397

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.2	11.0	16.6

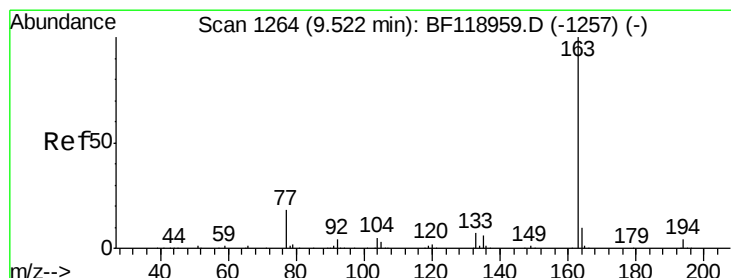
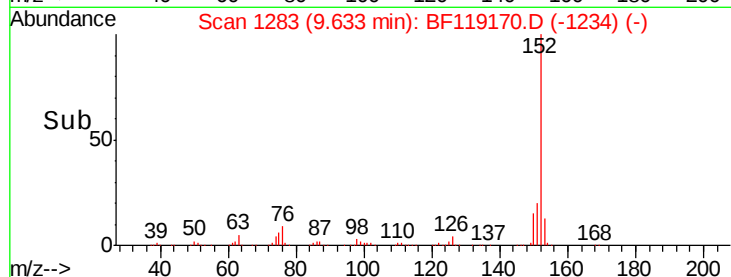
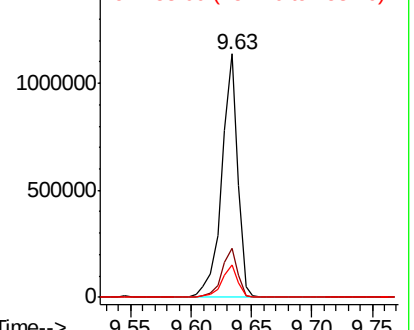


Abundance

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: 34.068 ng

RT: 9.50 min Scan# 1260

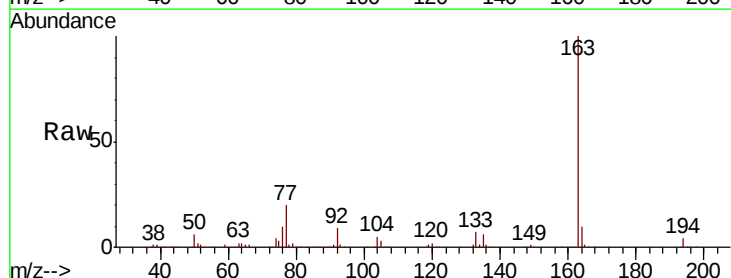
Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:163 Resp: 845658

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.3	8.4	12.6

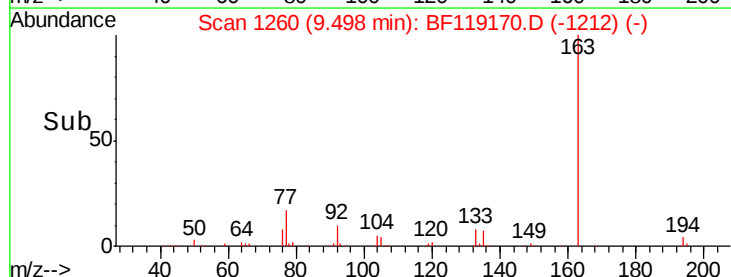
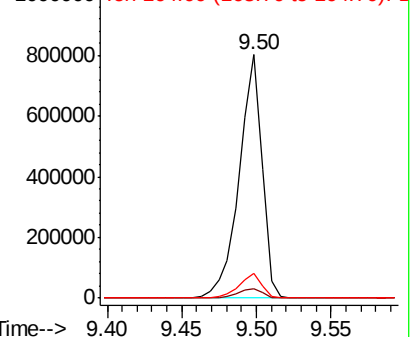


Abundance

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

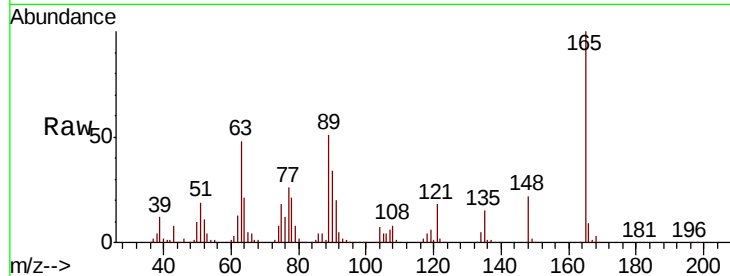




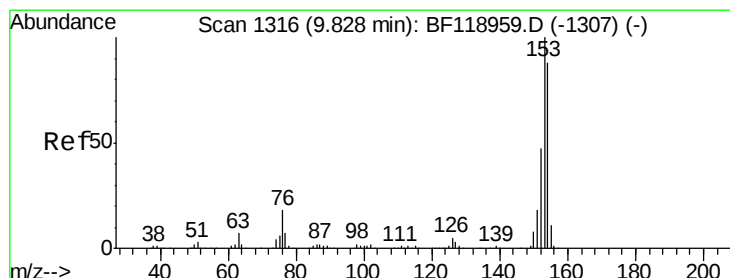
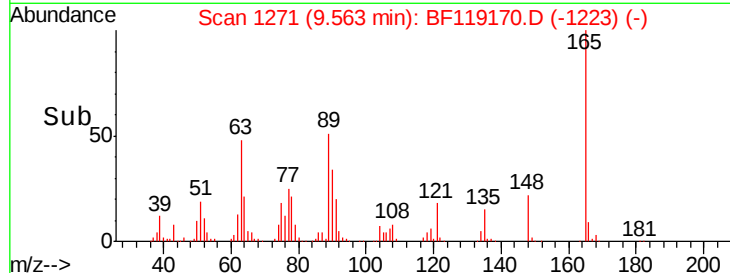
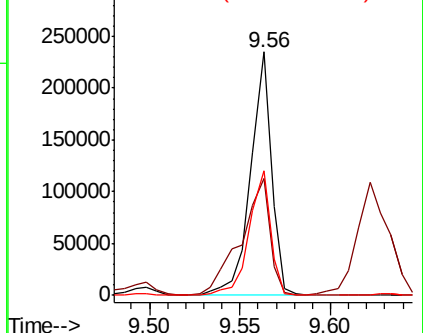
#51
 2,6-Dinitrotoluene
 Concen: 34.354 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	34.3	51.5
89	51.1	38.3	57.5

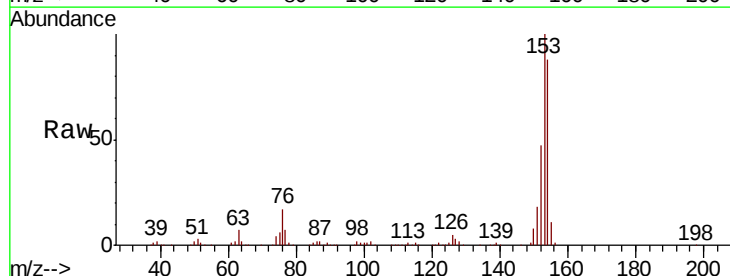


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

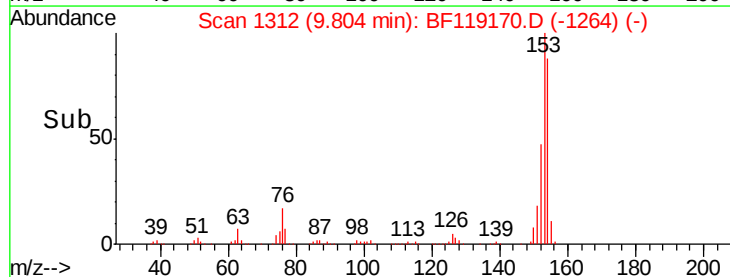
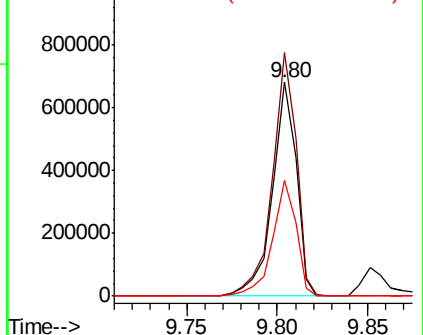


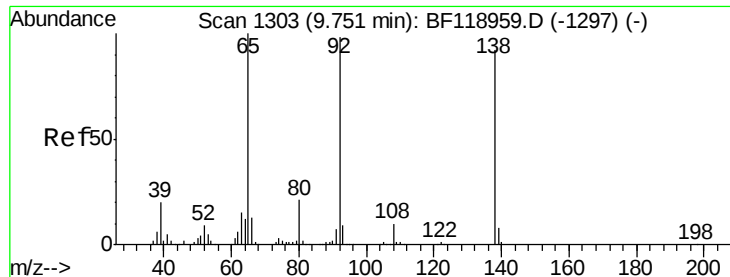
#52
 Acenaphthene
 Concen: 33.976 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.3	135.5
152	54.0	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

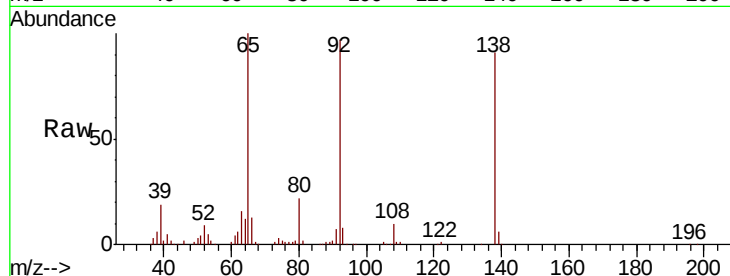




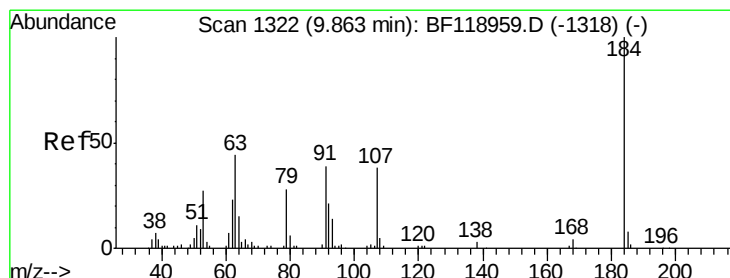
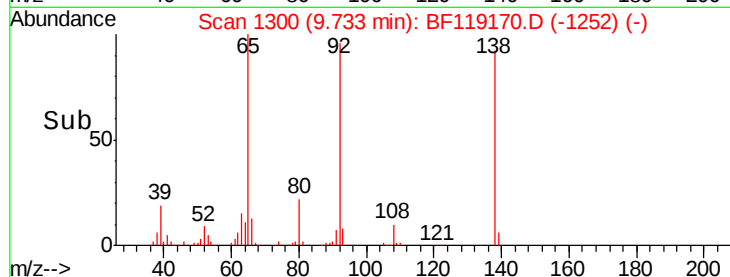
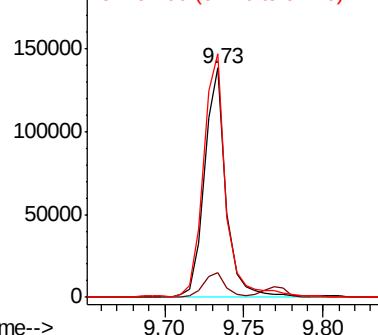
#53
3-Nitroaniline
Concen: 21.288 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.8	13.2
92	106.2	84.8	127.2

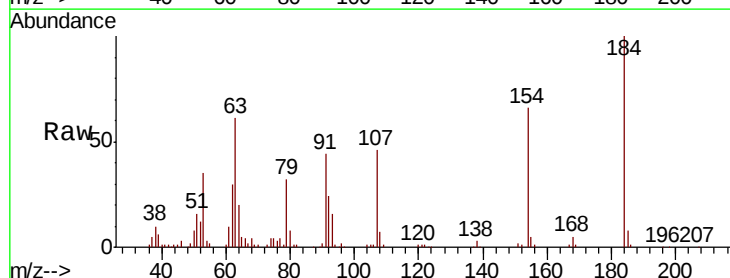


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

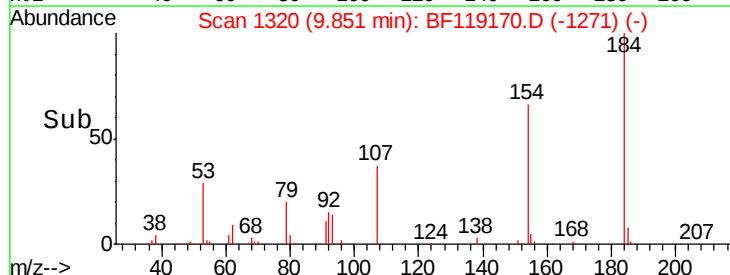
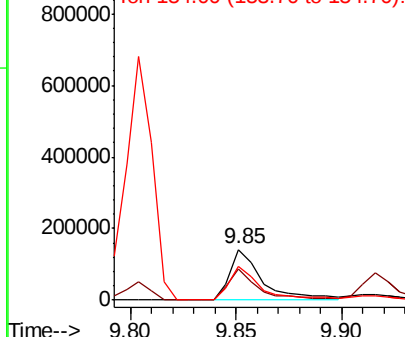


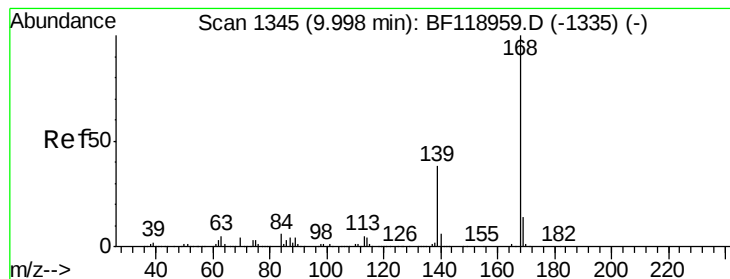
#54
2,4-Dinitrophenol
Concen: 58.011 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	38.7	58.1#
154	65.7	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

Dibenzofuran

Concen: 34.518 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

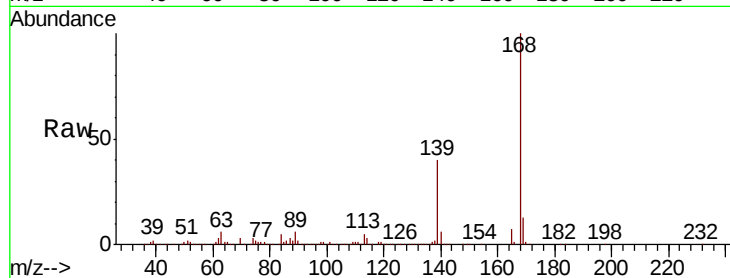
Tot Ion:168 Resp: 948629

Ion Ratio Lower Upper

168 100

139 39.7 34.0 51.0

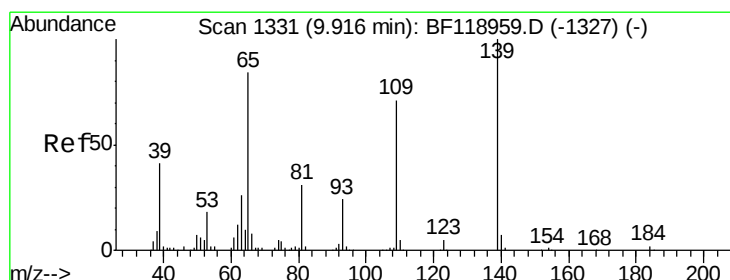
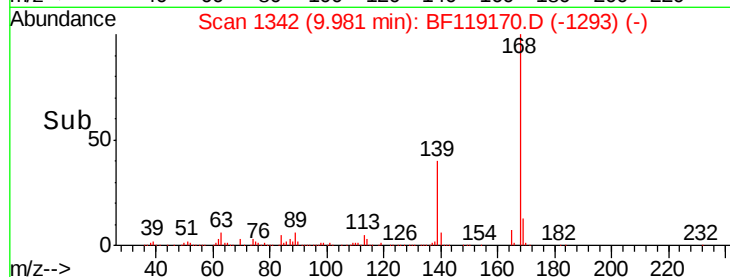
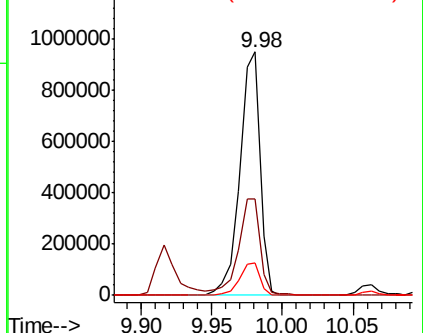
169 13.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.479 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

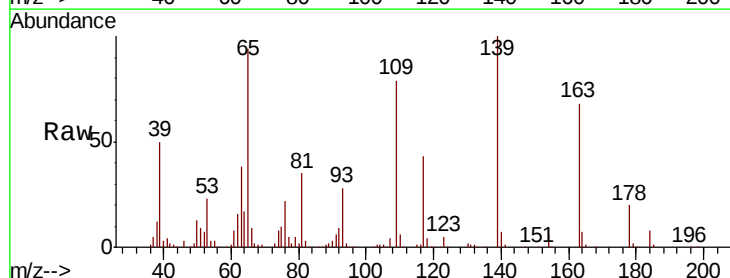
Tgt Ion:139 Resp: 196451

Ion Ratio Lower Upper

139 100

109 78.7 56.7 96.7

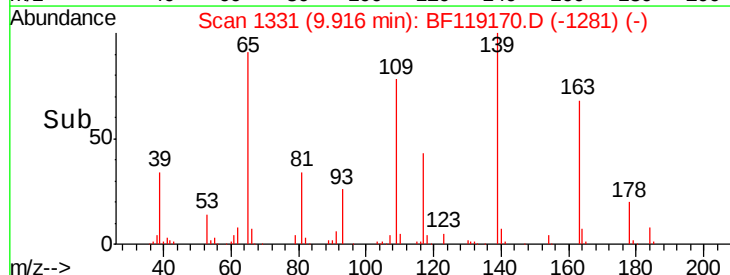
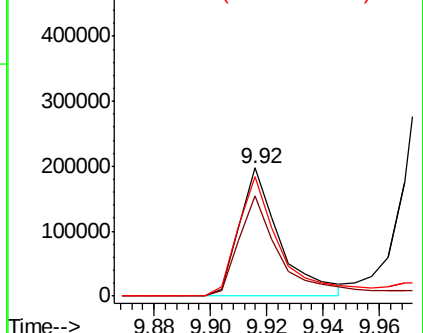
65 93.6 65.0 105.0

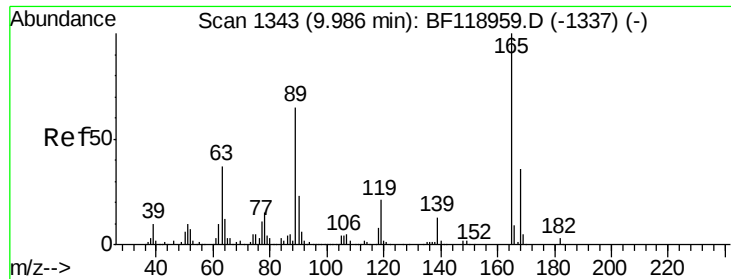


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

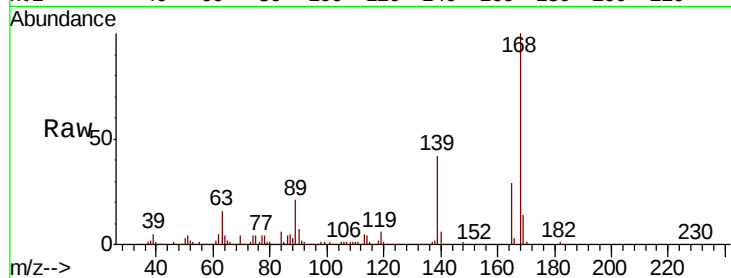




#57
 2,4-Dinitrotoluene
 Concen: 33.915 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	42.3	63.5
89	73.7	60.2	90.4
182	3.0	2.3	3.5



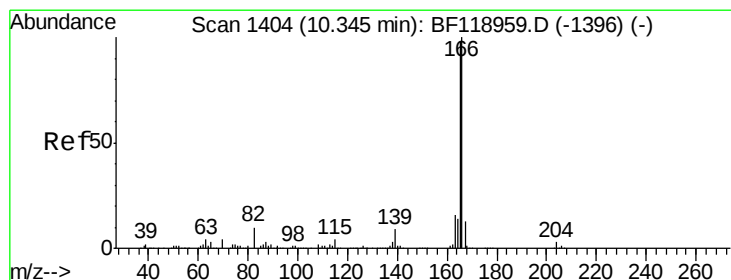
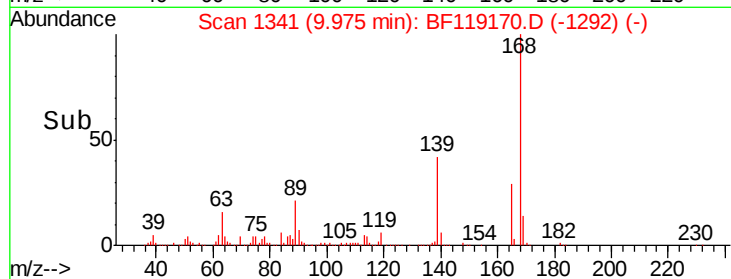
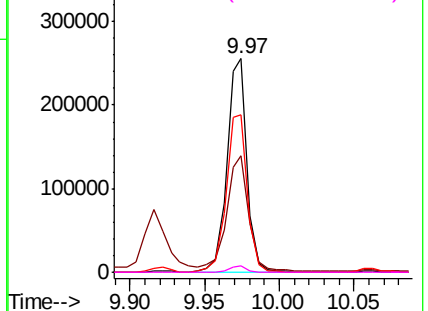
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

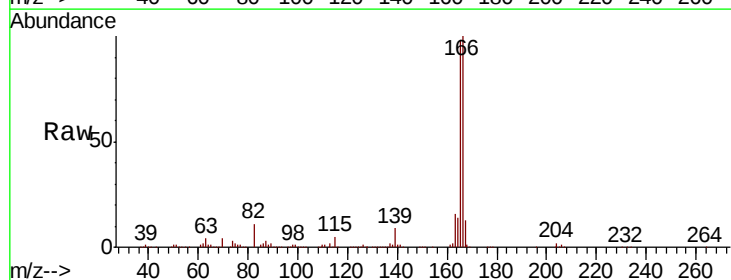
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 35.320 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.2	11.0	16.4

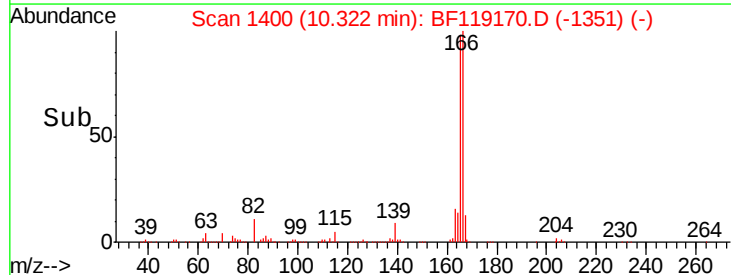
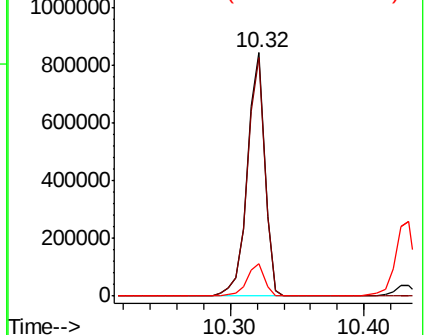


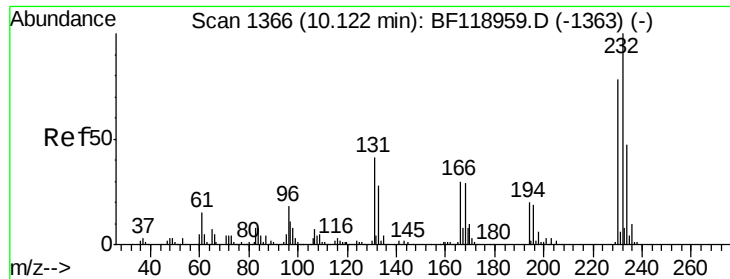
Abundance

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

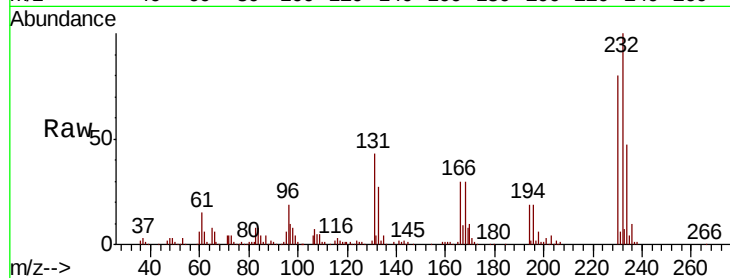




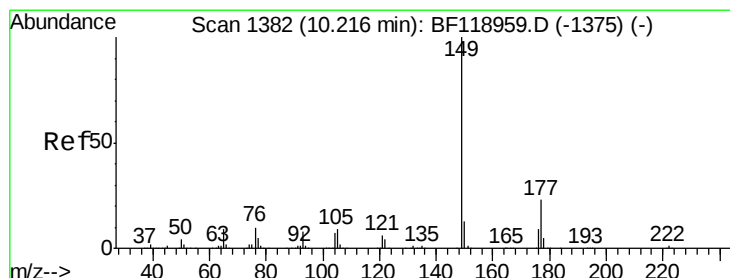
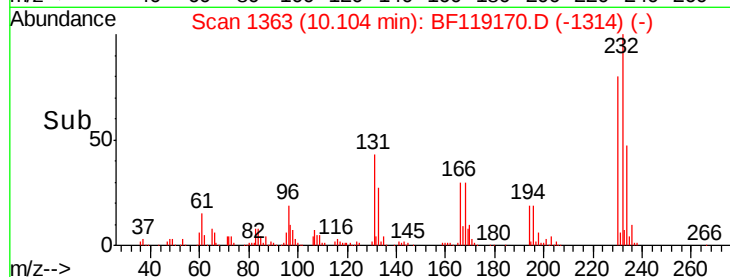
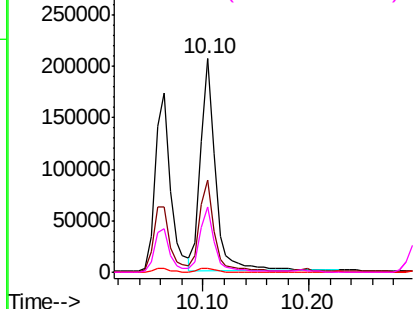
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.880 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232	Resp:	201221
Ion Ratio	Lower	Upper
232	100	
131	44.2	33.8 50.8
130	2.4	1.8 2.6
166	29.1	23.0 34.4

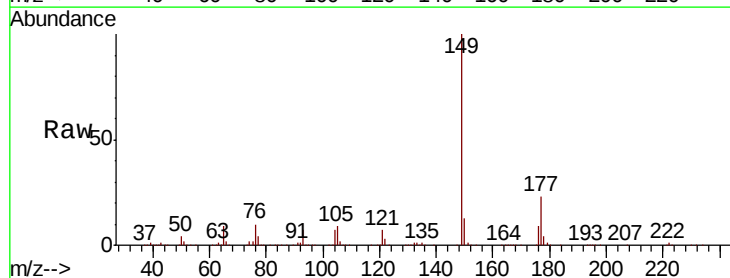


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

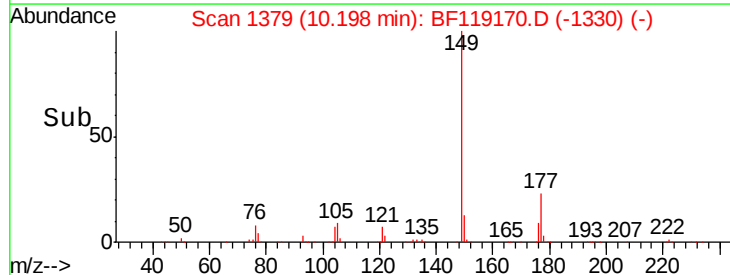
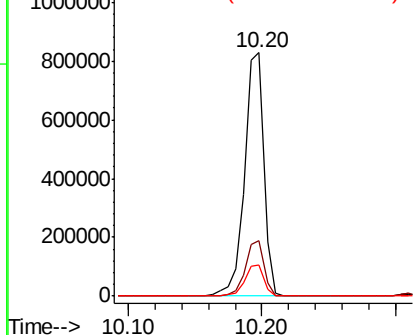


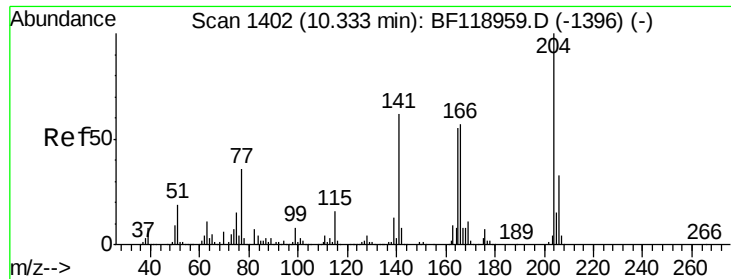
#60
Diethylphthalate
Concen: 35.015 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:149	Resp:	819090
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.2 27.2
150	12.8	10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

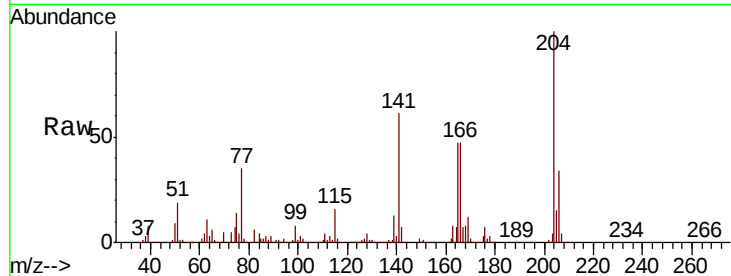




#61
4-Chlorophenyl-phenylether
Concen: 35.102 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	61.4	52.9	79.3

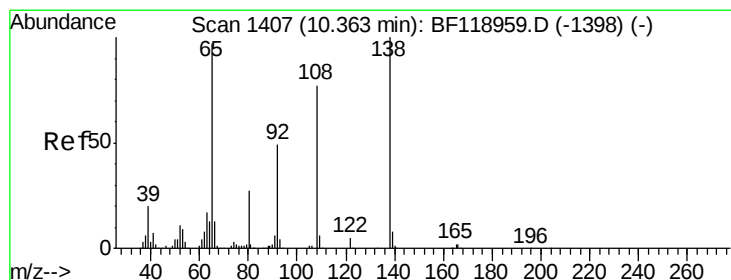
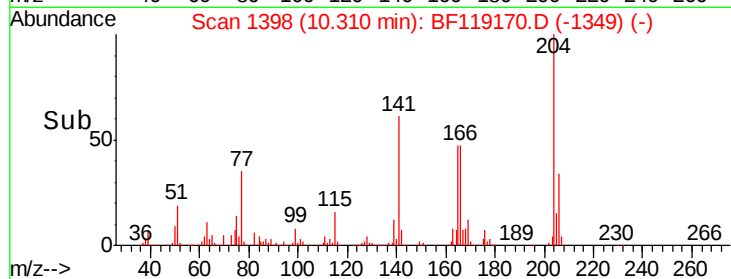
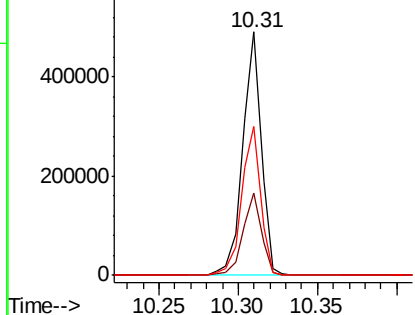


Abundance

Ion 204.00 (203.70 to 204.70): E

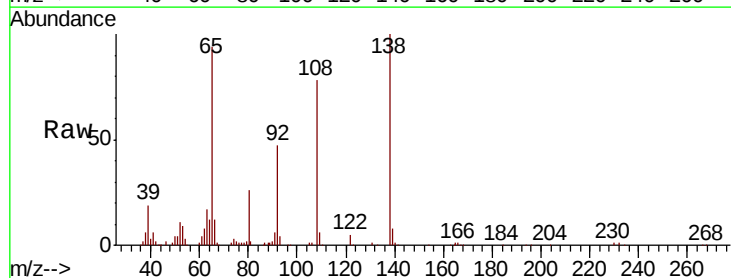
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.589 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	27.3	67.3
108	78.0	57.0	97.0

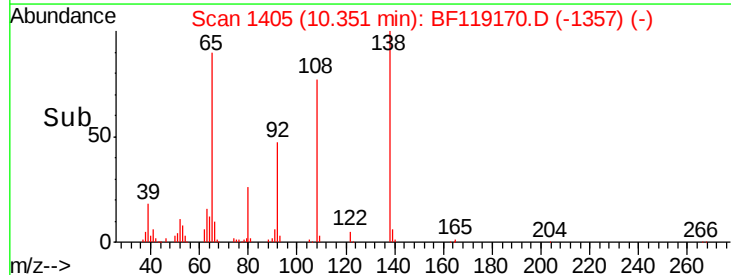
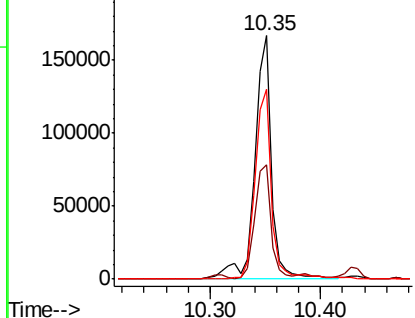


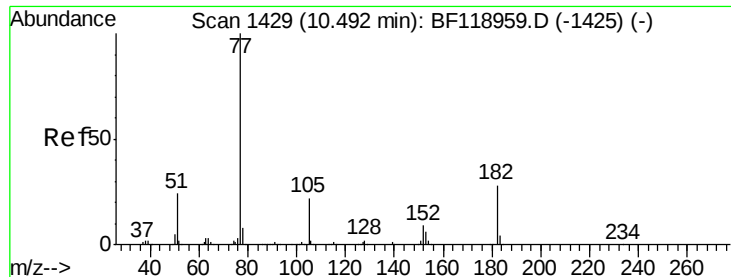
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

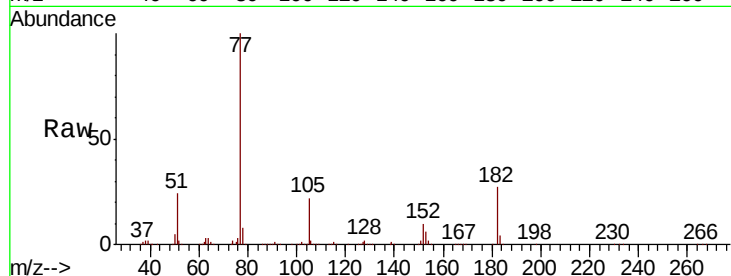




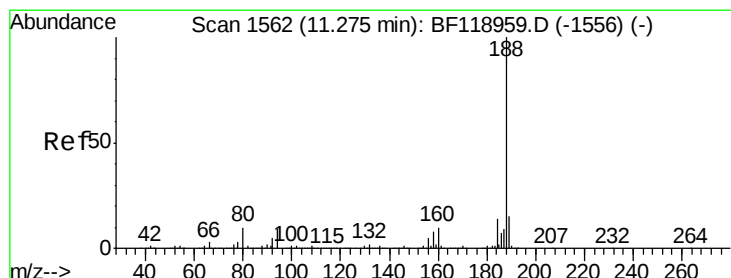
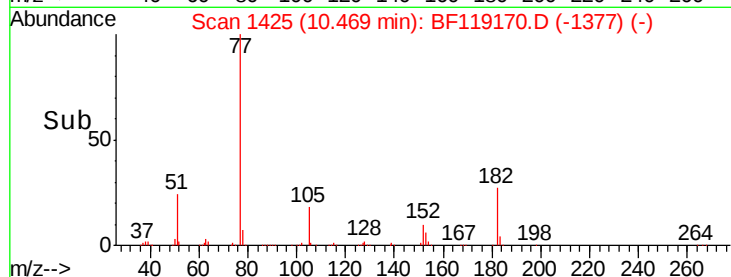
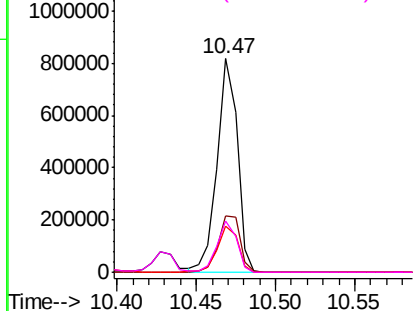
#63
Azobenzene
Concen: 35.524 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	722315
Ion	Ratio	Lower	Upper
77	100		
182	26.6	11.4	51.4
105	21.7	3.4	43.4
51	24.3	5.1	45.1

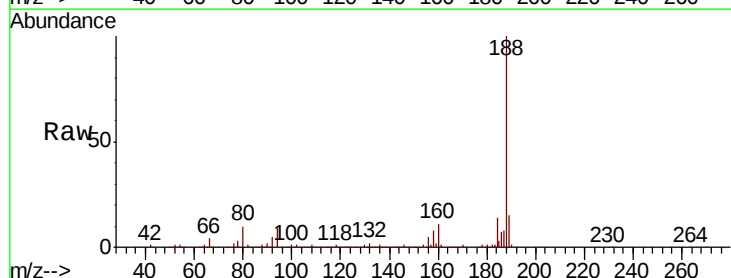


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

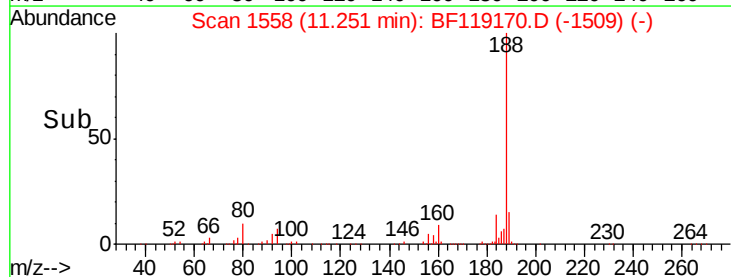
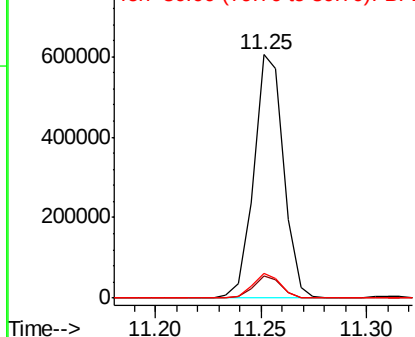


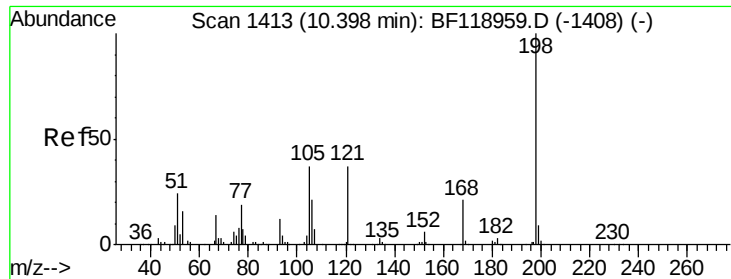
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:	188	Resp:	595634
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.3	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

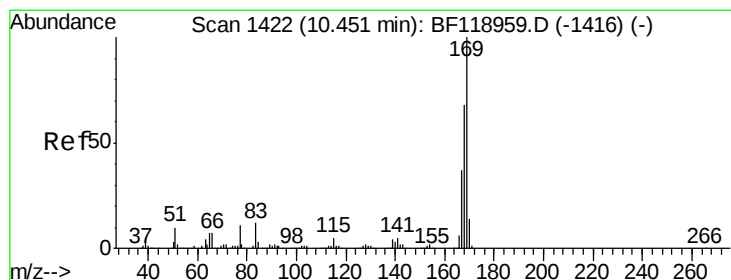
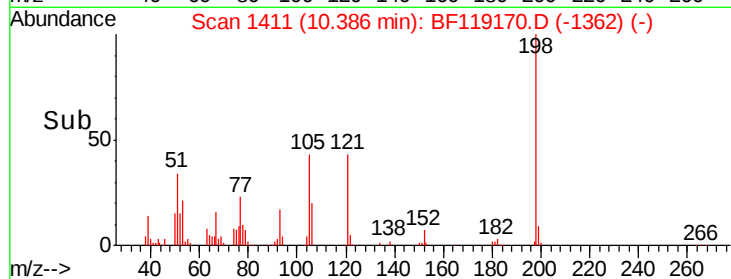
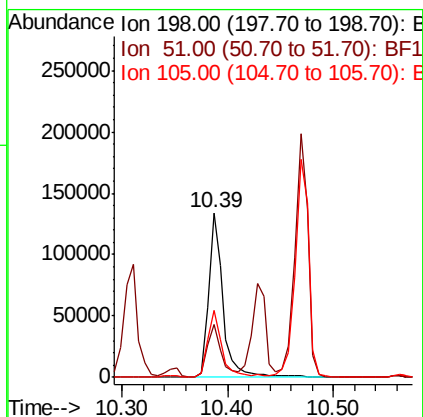
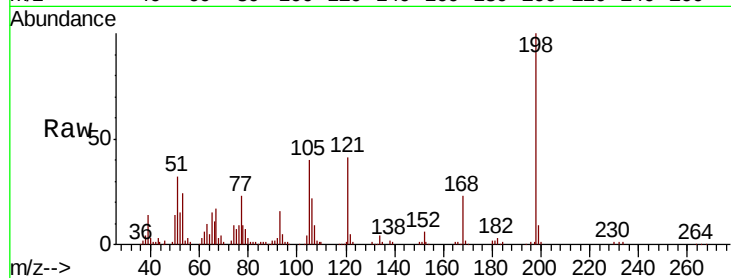




#65
4,6-Dinitro-2-methylphenol
Concen: 35.539 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

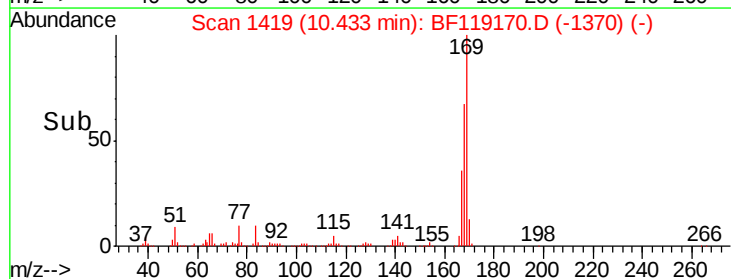
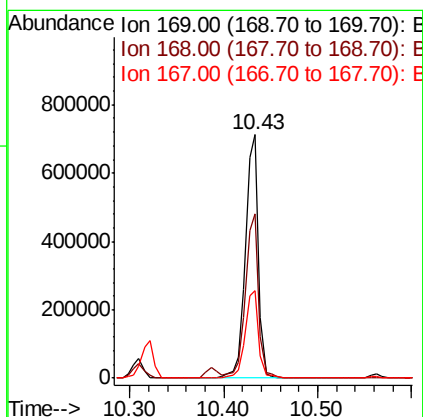
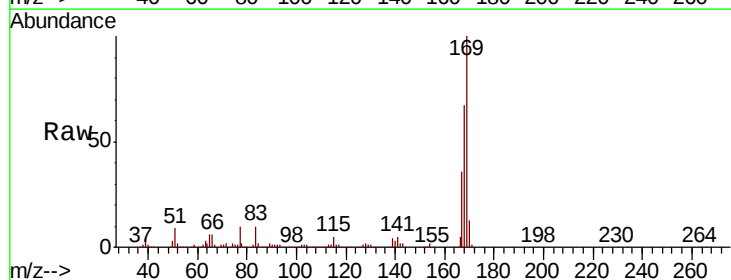
Instrument :
BNA_F
ClientSampled :

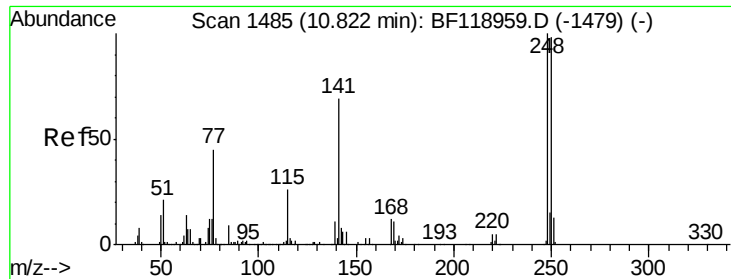
Tot Ion:198 Resp: 128092
Ion Ratio Lower Upper
198 100
51 32.1 14.2 54.2
105 40.5 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 34.962 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:169 Resp: 681879
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.2 29.4 44.0

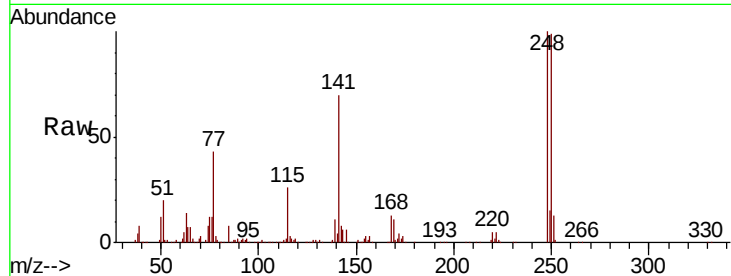




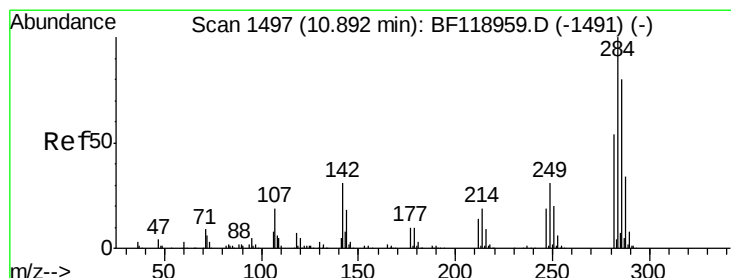
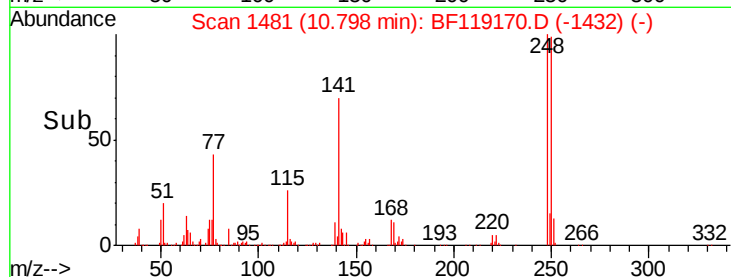
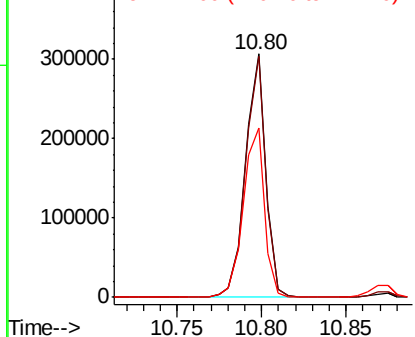
#67
4-Bromophenyl-phenylether
Concen: 33.253 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 258895
Ion Ratio Lower Upper
248 100
250 98.8 76.7 115.1
141 69.7 60.7 91.1

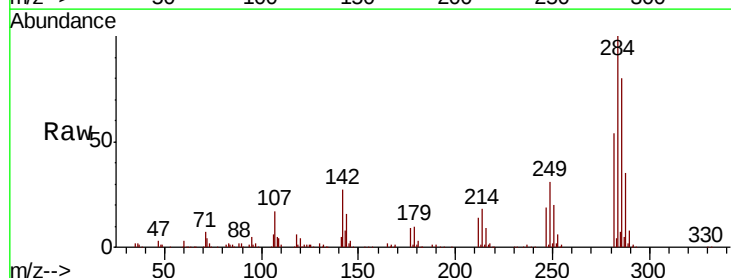


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

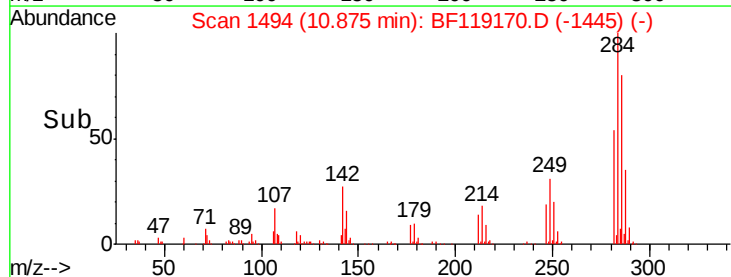
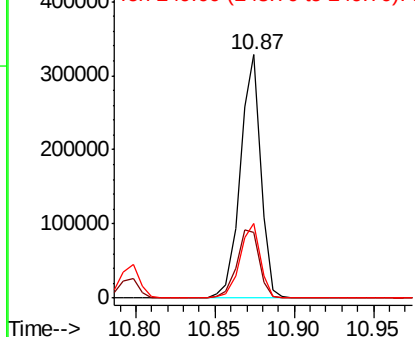


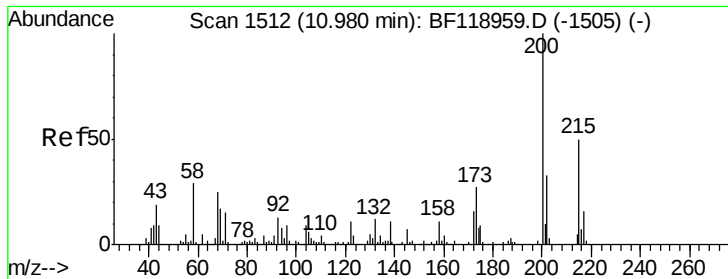
#68
Hexachlorobenzene
Concen: 32.445 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:284 Resp: 291243
Ion Ratio Lower Upper
284 100
142 27.1 23.7 35.5
249 30.6 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: 34.347 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

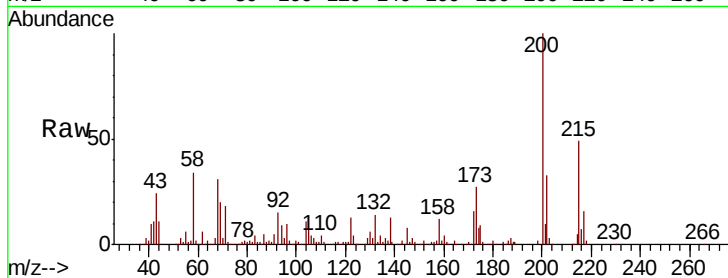
Tot Ion:200 Resp: 234049

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

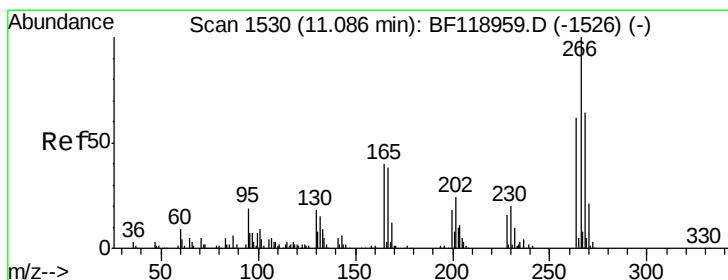
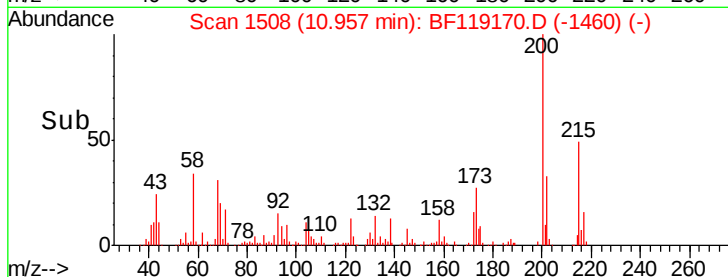
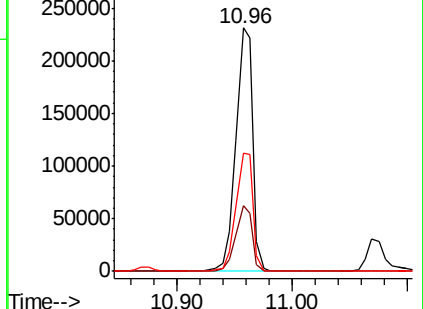
215 48.5 27.4 67.4



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: 60.824 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

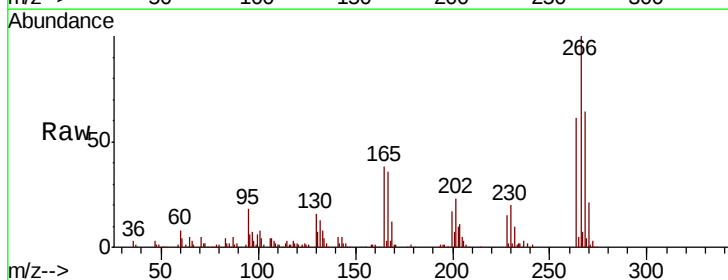
Tgt Ion:266 Resp: 219936

Ion Ratio Lower Upper

266 100

268 64.1 51.9 77.9

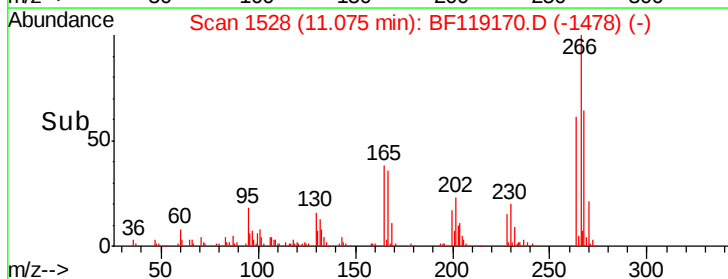
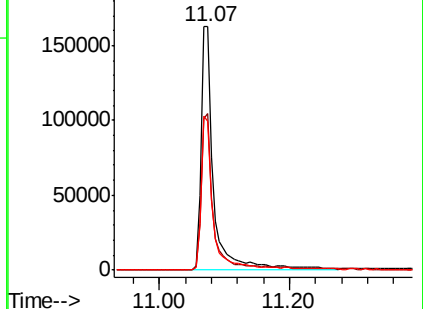
264 61.1 51.0 76.4

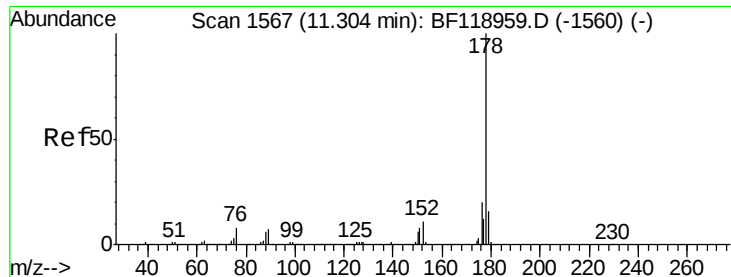


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.263 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

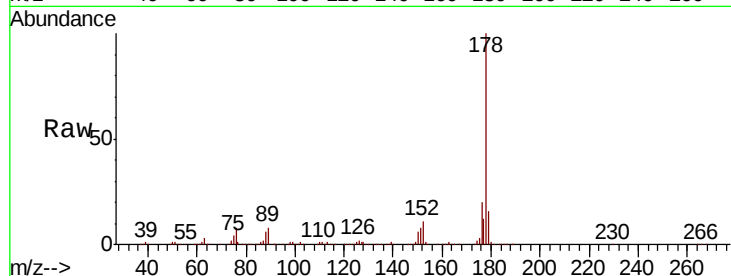
Tot Ion:178 Resp: 1112974

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

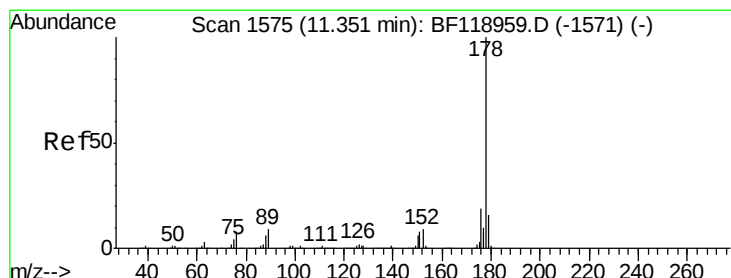
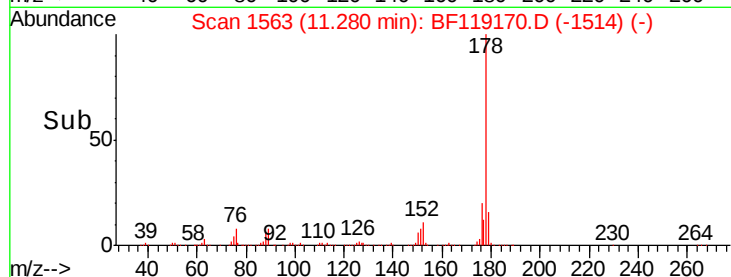
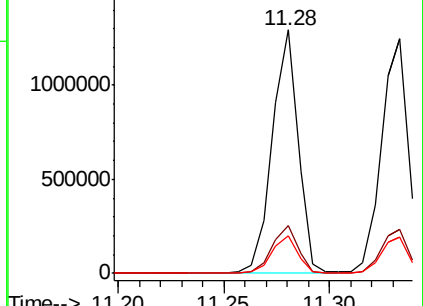
179 15.6 13.0 19.6



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: 34.997 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

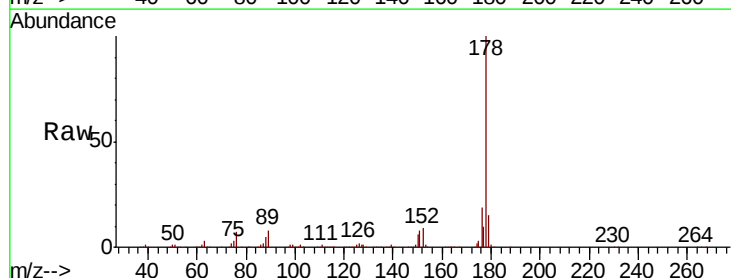
Tgt Ion:178 Resp: 1135854

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

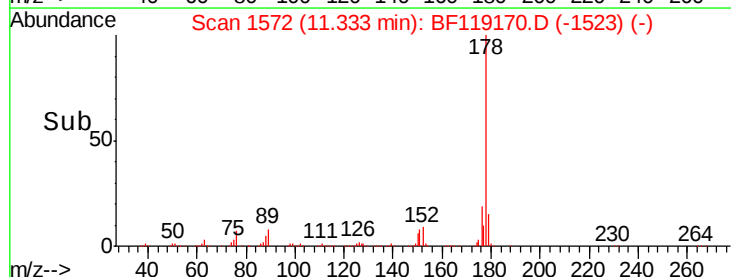
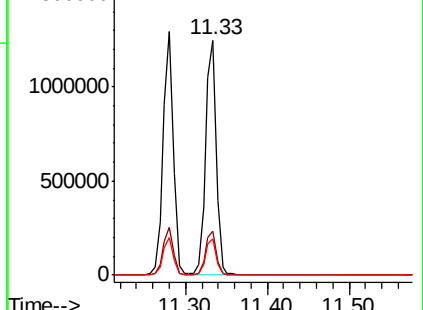
179 15.2 13.1 19.7



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

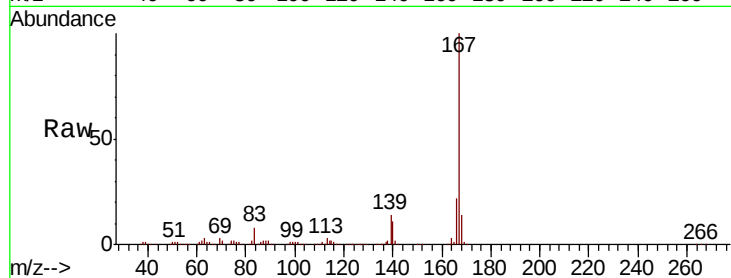




#73
 Carbazole
 Concen: 34.092 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.8	11.7	17.5

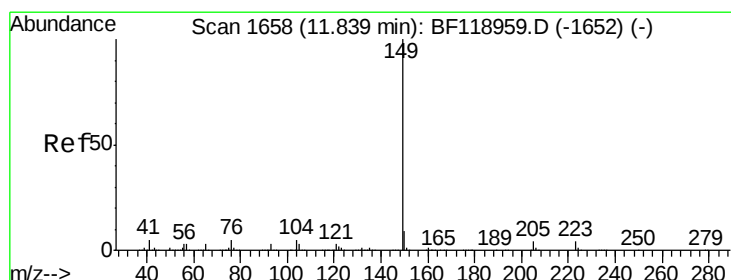
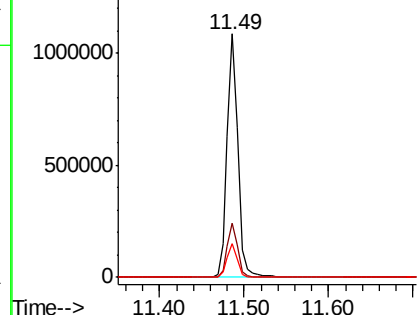
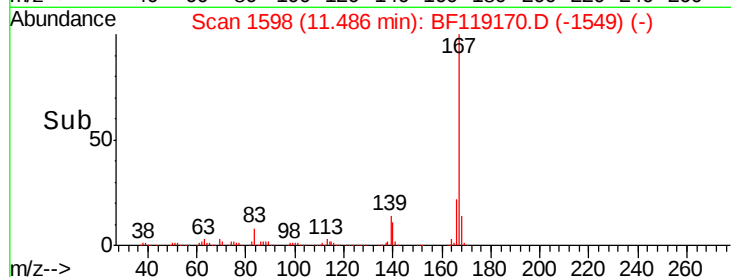


Abundance

Ion 167.00 (166.70 to 167.70): E

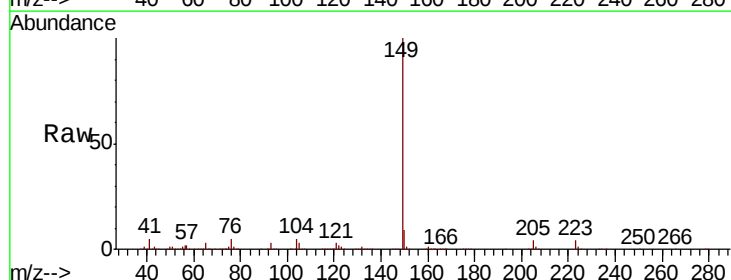
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 35.648 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.0	4.6	6.8

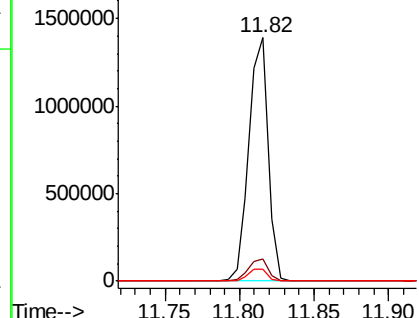
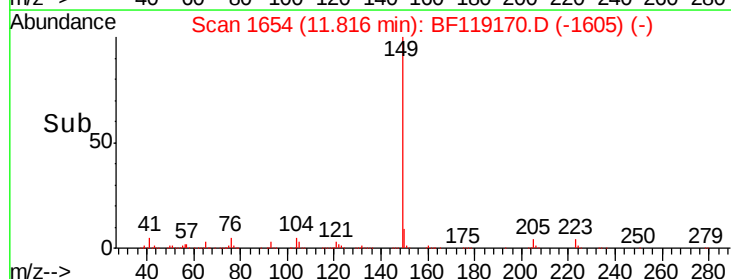


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

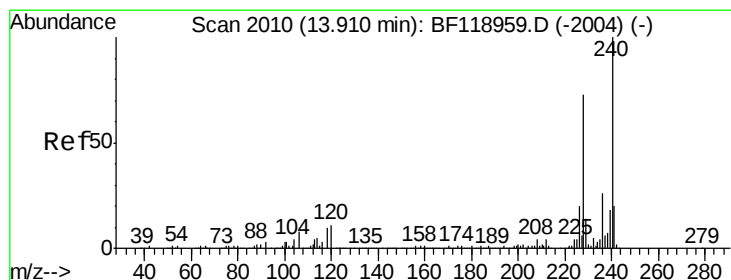
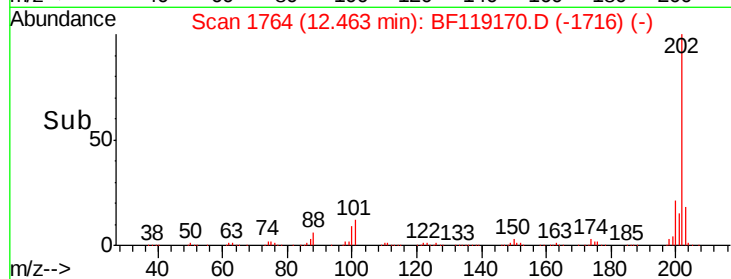
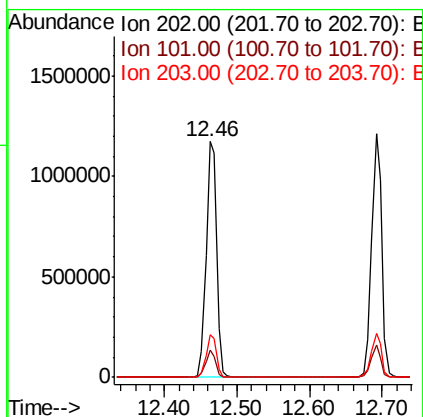
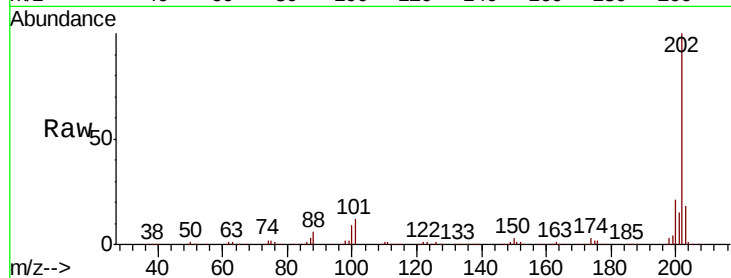




#75
 Fluoranthene
 Concen: 34.089 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

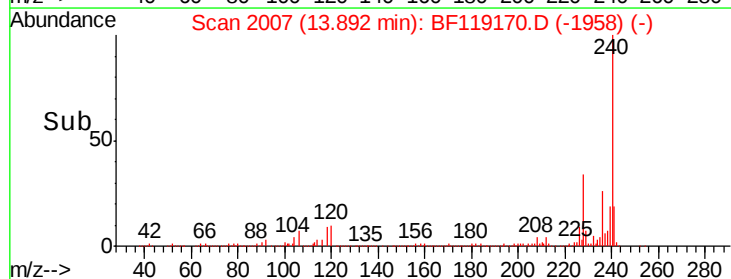
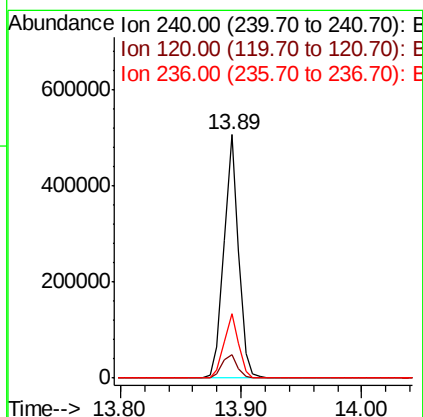
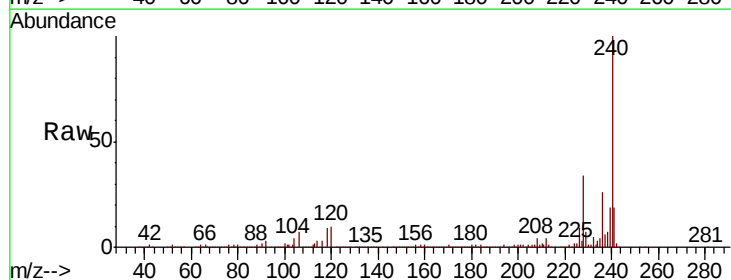
Instrument :
 BNA_F
 ClientSampleId :

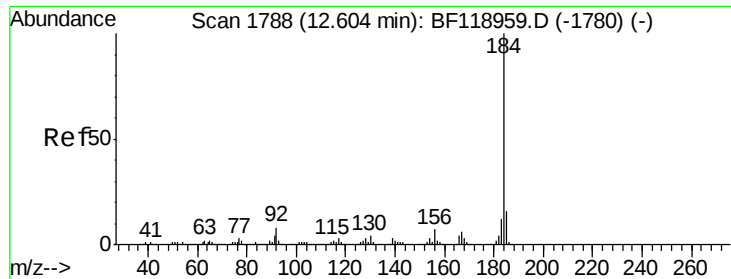
Tot Ion:202 Resp: 1175383
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 203 18.2 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:240 Resp: 422647
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 26.3 21.0 31.4





#77

Benzidine

Concen: 11.249 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

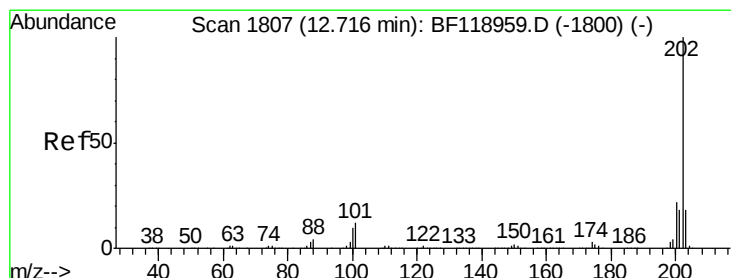
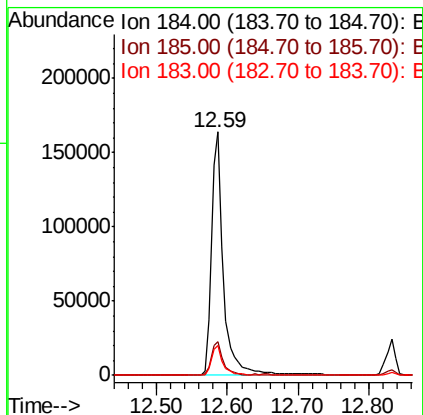
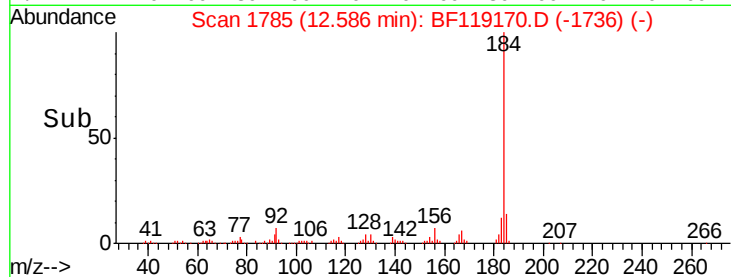
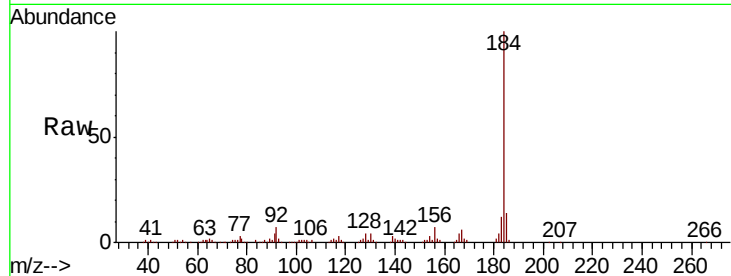
Tot Ion:184 Resp: 193350

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.4

183 12.3 9.9 14.9



#78

Pyrene

Concen: 34.640 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

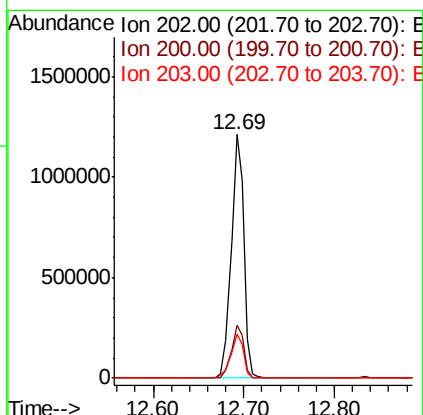
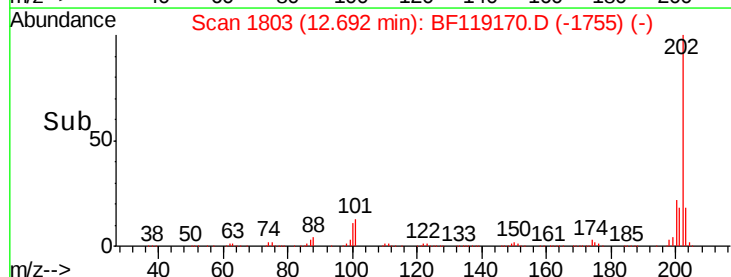
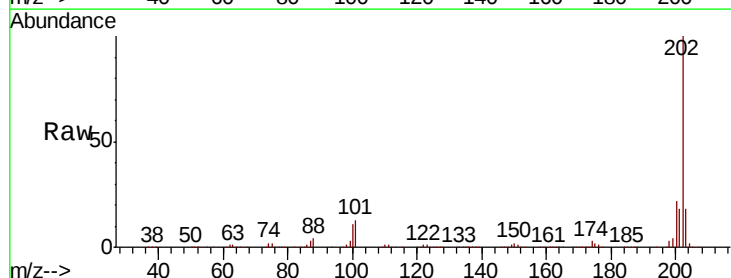
Tgt Ion:202 Resp: 1175624

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

203 18.2 14.6 22.0

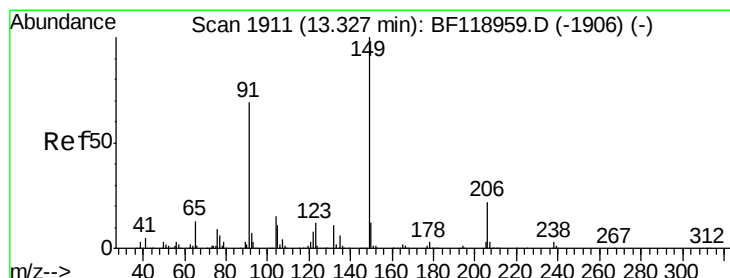
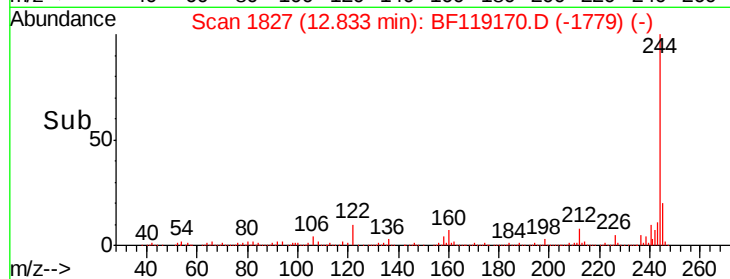
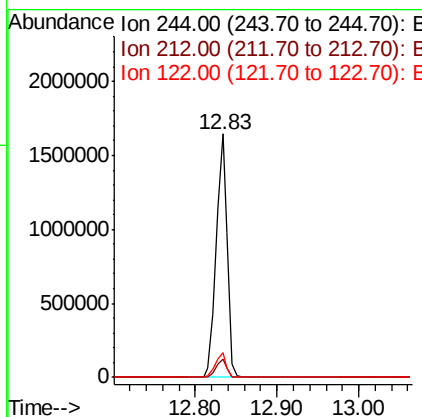
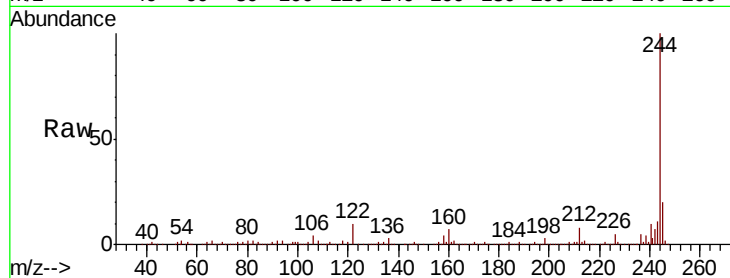




#79
 Terphenyl-d14
 Concen: 63.207 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

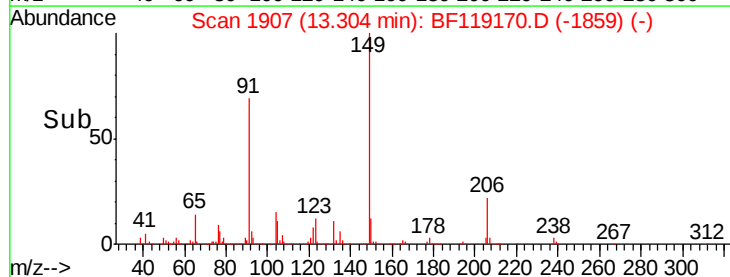
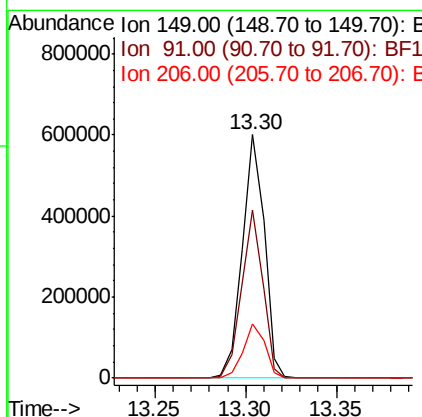
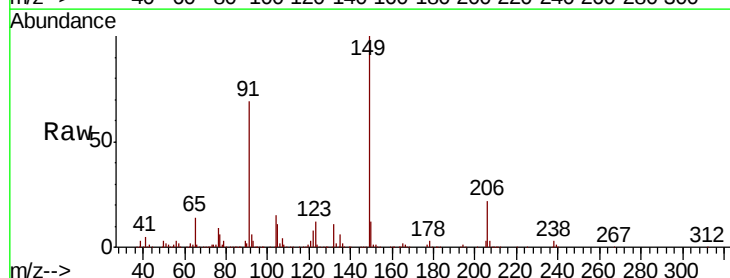
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1551632
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 35.581 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119170.D
 Acq: 2 Mar 2020 15:47

Tgt Ion:149 Resp: 508224
 Ion Ratio Lower Upper
 149 100
 91 69.2 52.3 78.5
 206 22.0 18.5 27.7





#81

Benzo(a)anthracene

Concen: 34.042 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

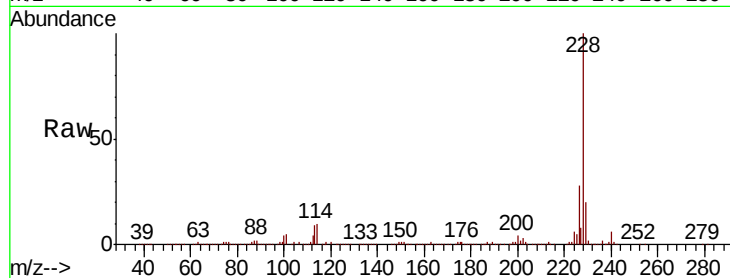
Tot Ion:228 Resp: 980333

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

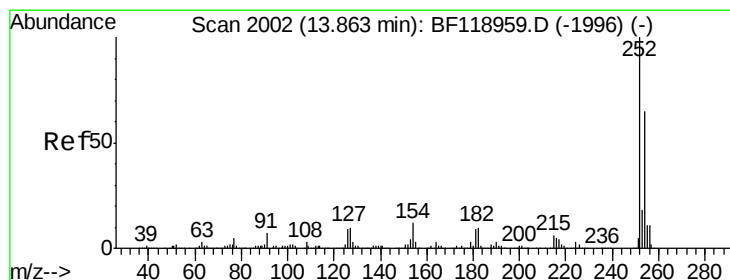
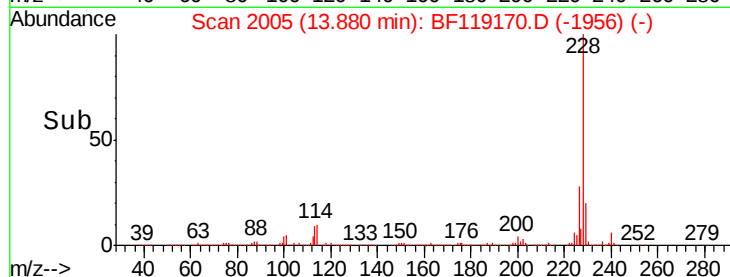
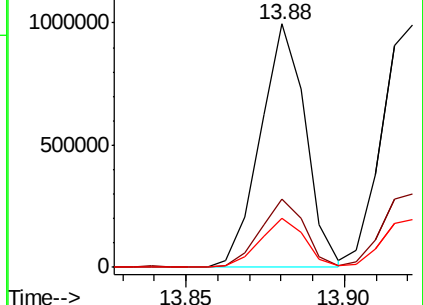
229 19.9 16.6 24.8



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: 26.874 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

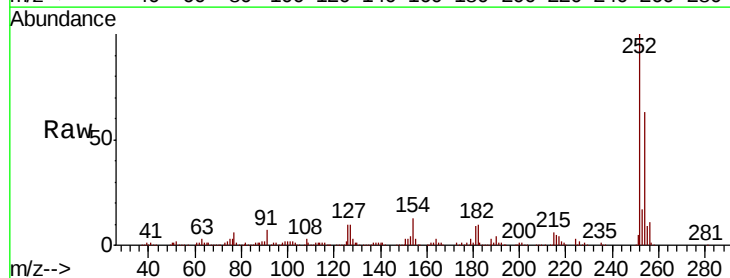
Tgt Ion:252 Resp: 300510

Ion Ratio Lower Upper

252 100

254 63.4 51.6 77.4

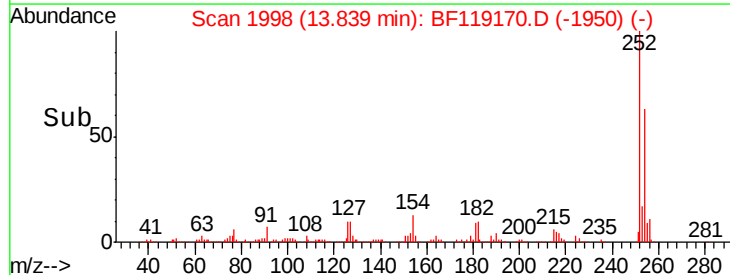
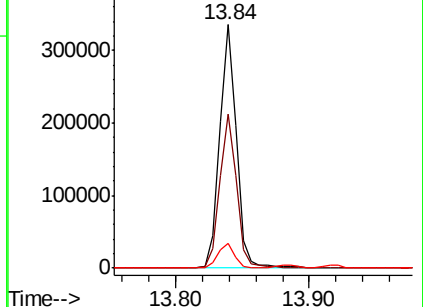
126 10.1 7.4 11.0

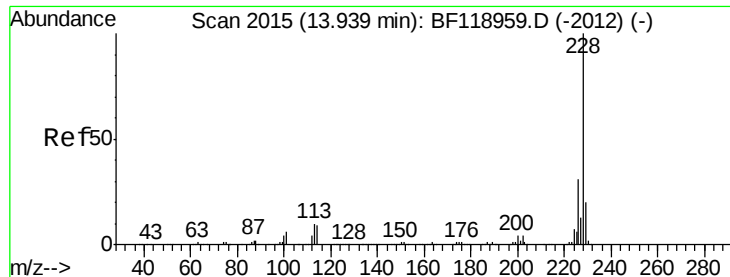


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 33.679 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

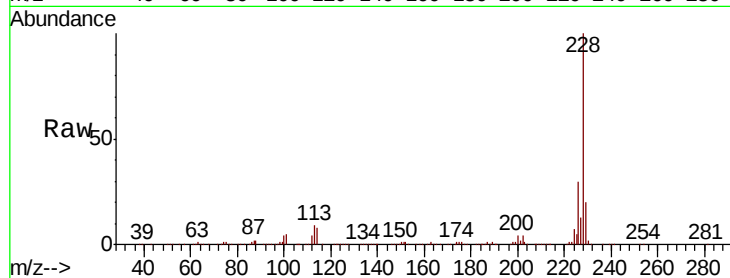
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 966416

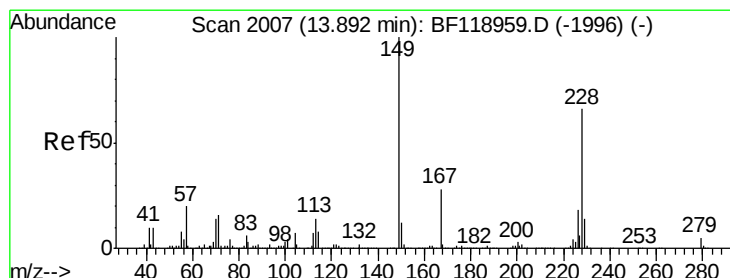
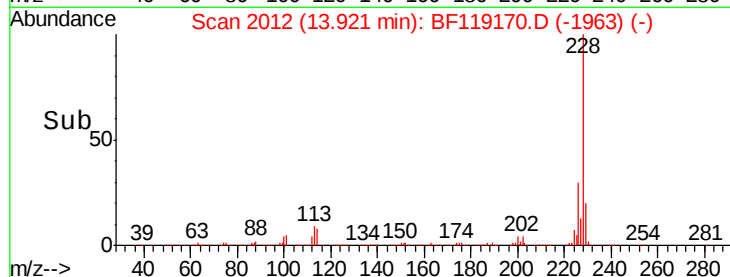
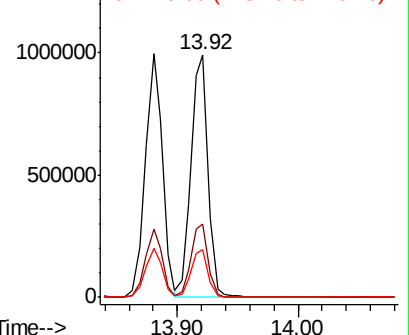
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.7	16.3	24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.134 ng

RT: 13.86 min Scan# 2002

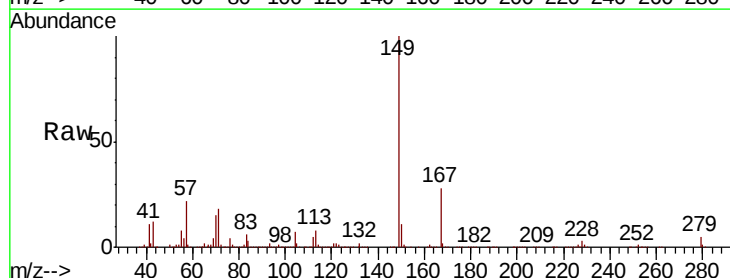
Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Tgt Ion:149 Resp: 706180

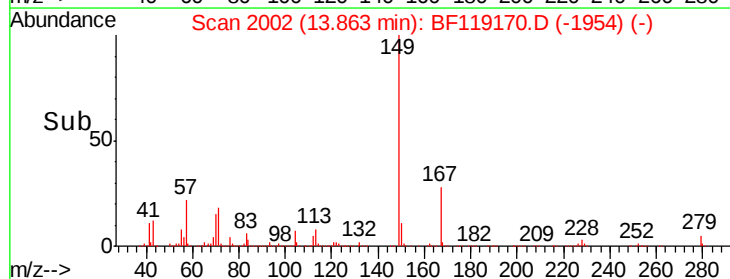
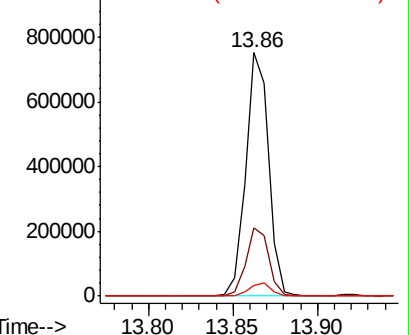
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.6	4.6	6.8

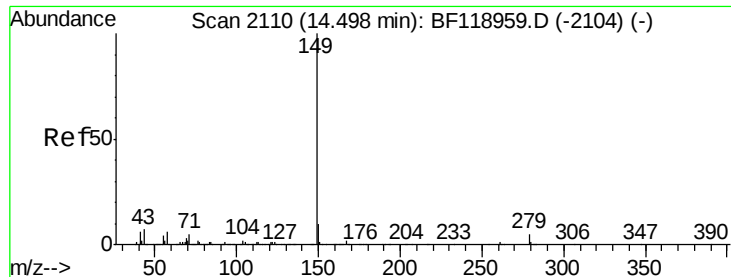


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.344 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

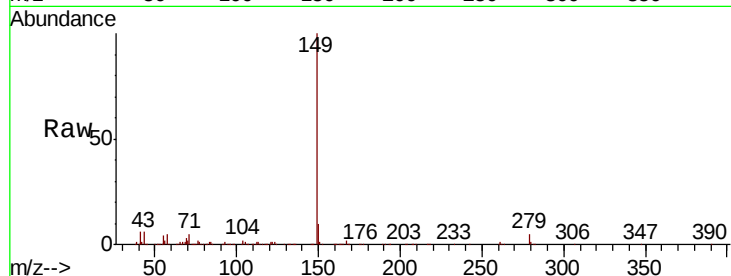
Tot Ion:149 Resp: 1102455

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

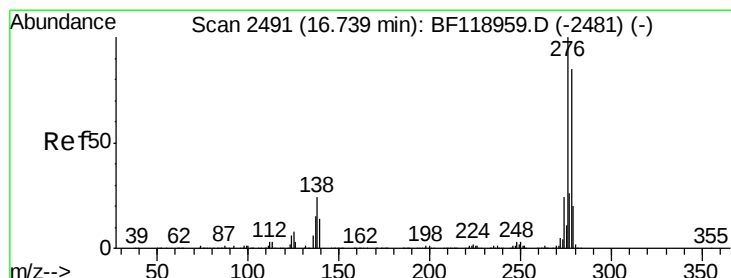
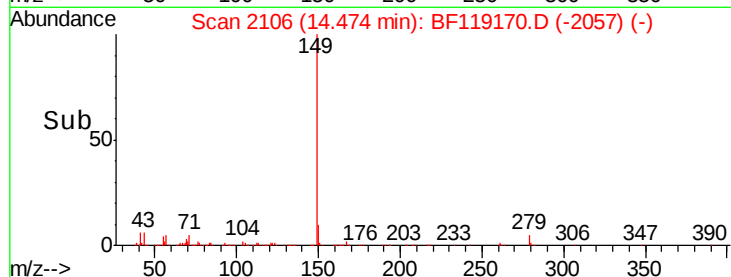
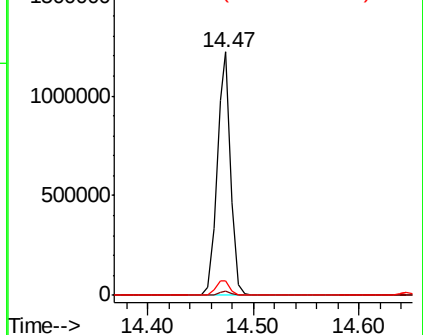
43 6.5 5.7 8.5



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: 26.803 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

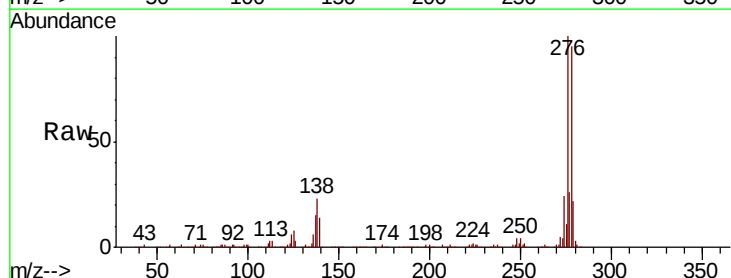
Tgt Ion:276 Resp: 744694

Ion Ratio Lower Upper

276 100

138 22.0 17.4 26.0

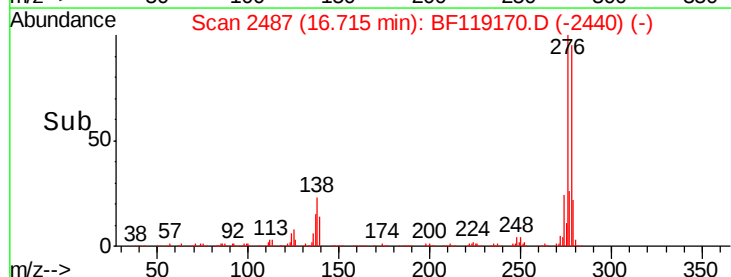
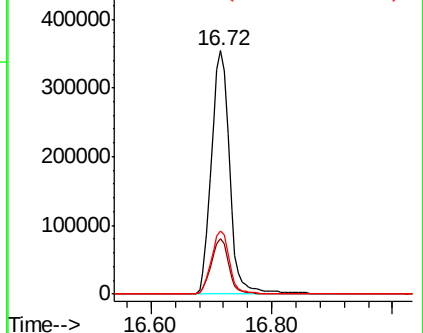
277 25.9 20.3 30.5

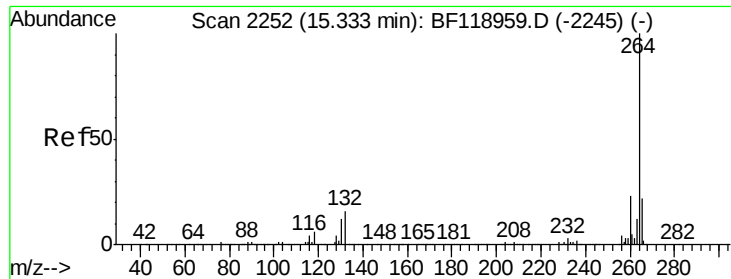


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

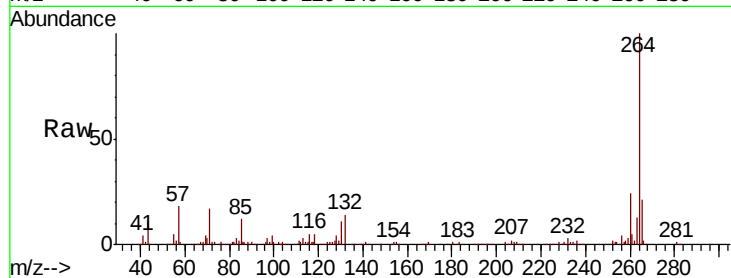
Tot Ion:264 Resp: 275280

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

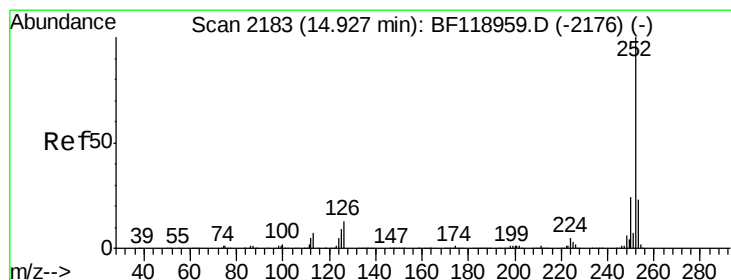
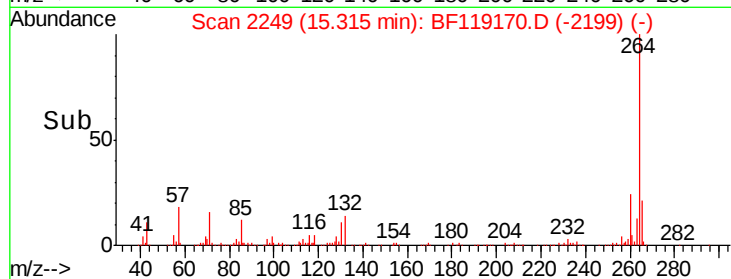
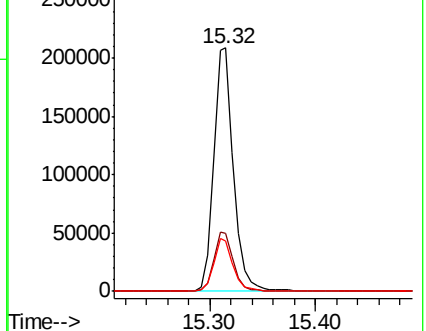
265 20.9 17.7 26.5



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: 46.492 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

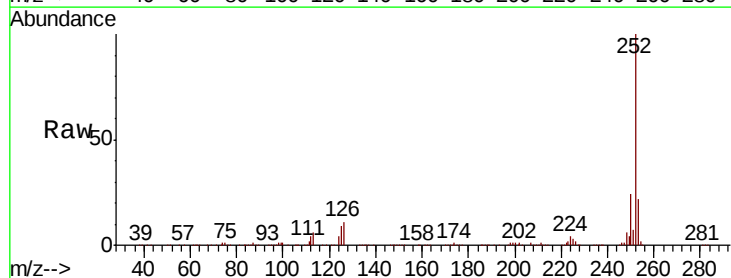
Tgt Ion:252 Resp: 843603

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

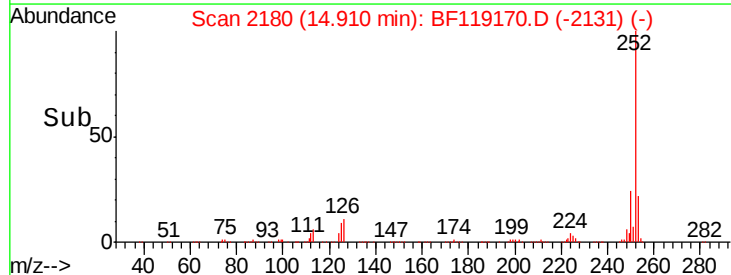
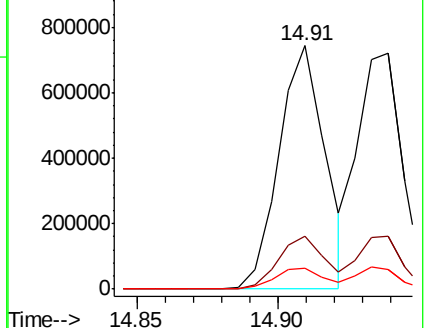
125 8.6 7.4 11.0

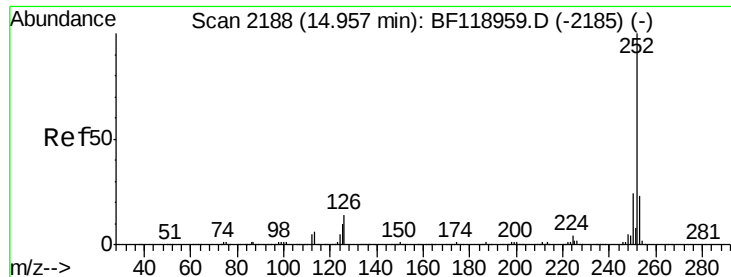


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

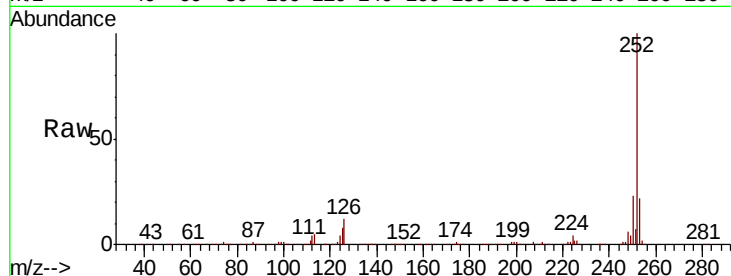




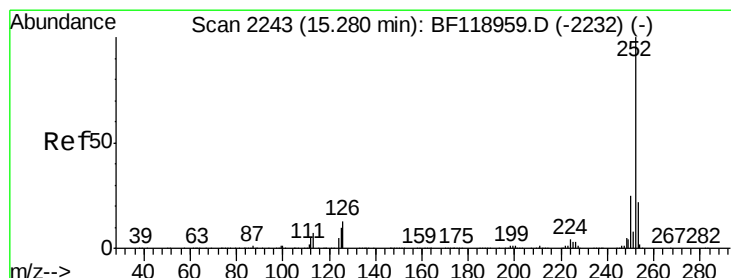
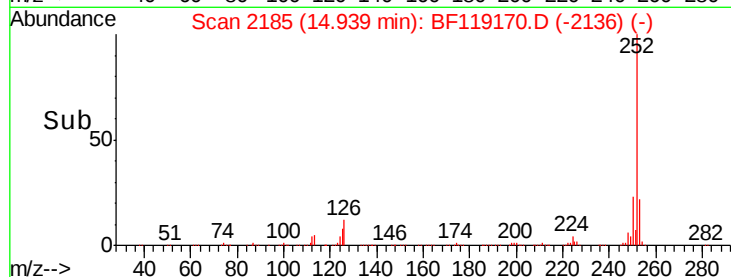
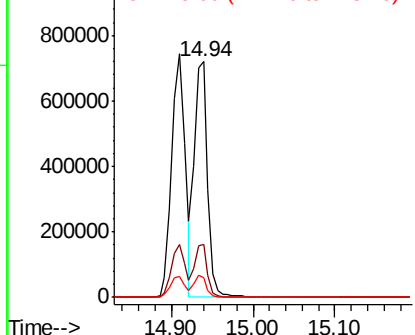
#89
Benzo(k)fluoranthene
Concen: 48.167 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 809942
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.3 7.5 11.3

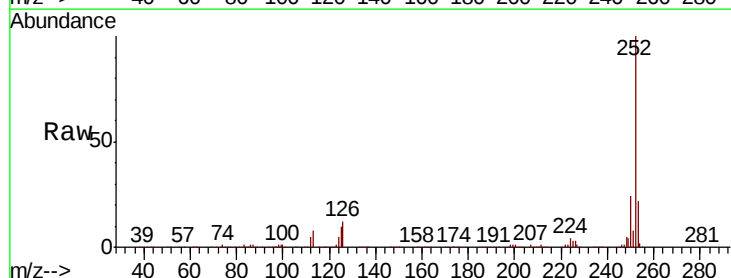


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

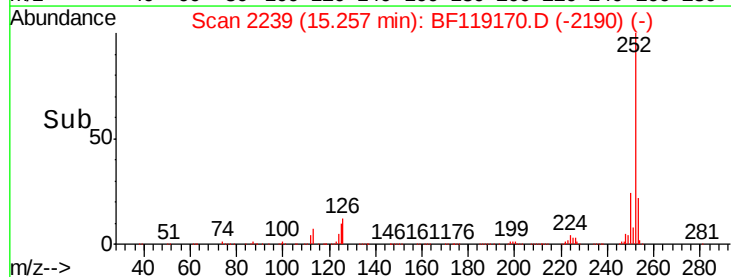
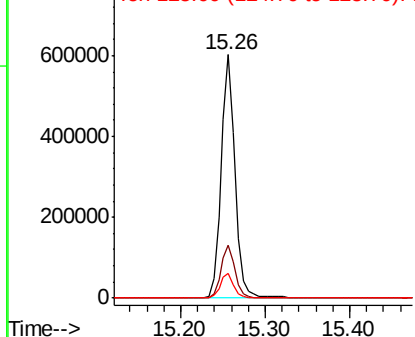


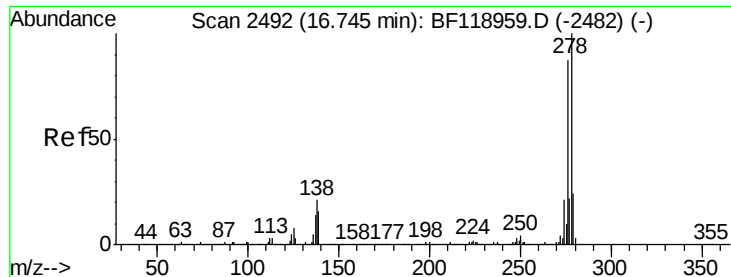
#90
Benzo(a)pyrene
Concen: 42.366 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119170.D
Acq: 2 Mar 2020 15:47

Tgt Ion:252 Resp: 693798
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.0 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: 44.438 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

Instrument :

BNA_F

ClientSampleId :

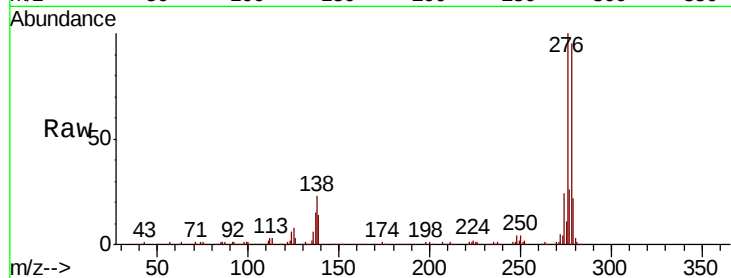
Tot Ion:278 Resp: 640312

Ion Ratio Lower Upper

278 100

139 14.8 11.0 16.4

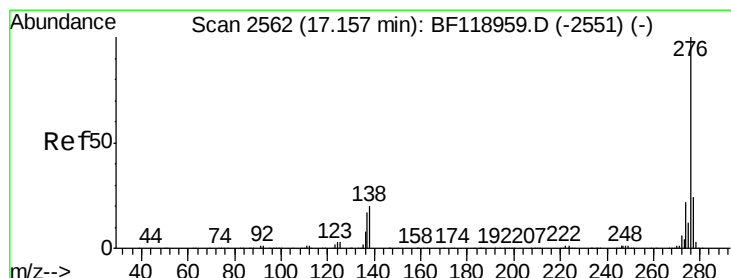
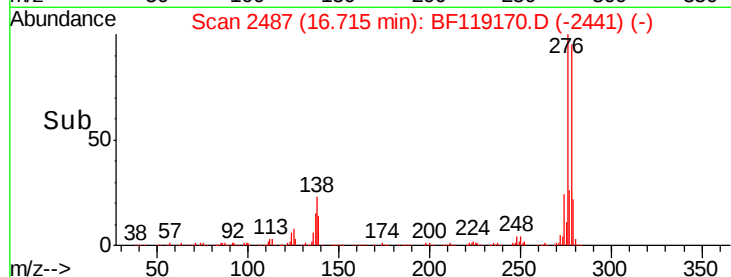
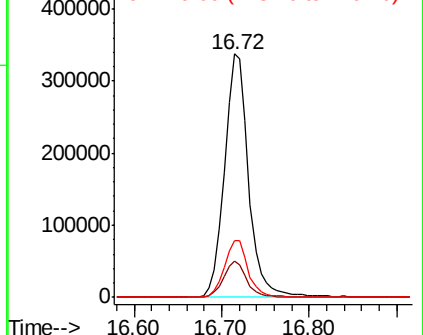
279 23.2 18.6 28.0



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: 43.049 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119170.D

Acq: 2 Mar 2020 15:47

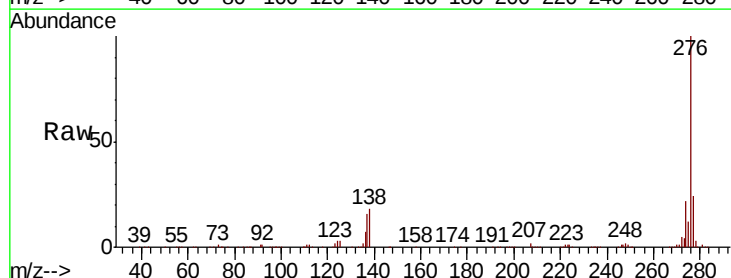
Tgt Ion:276 Resp: 612886

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 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

