

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119169.D
 Acq On : 2 Mar 2020 12:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:18:35 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	6.74	152	162678	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	604626	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	330257	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	610578	20.00	ng	0.00
76) Chrysene-d12	13.89	240	377146	20.00	ng	-0.01
87) Perylene-d12	15.32	264	362489	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	821759	84.42	ng	-0.01
7) Phenol-d6	6.39	99	1012885	85.56	ng	-0.01
23) Nitrobenzene-d5	7.31	82	970469	84.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	363894	84.23	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1824263	81.37	ng	-0.01
79) Terphenyl-d14	12.84	244	2110850	96.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	168869	38.963	ng	99
3) Pyridine	3.15	79	472584	39.926	ng	99
4) n-Nitrosodimethylamine	3.10	42	155774	43.444	ng	95
6) Aniline	6.40	93	607683	41.599	ng	91
8) 2-Chlorophenol	6.53	128	449720	42.809	ng	98
9) Benzaldehyde	6.29	77	291163	36.811	ng	99
10) Phenol	6.40	94	536040	41.879	ng	94
11) bis(2-Chloroethyl)ether	6.48	93	417058	42.584	ng	99
12) 1,3-Dichlorobenzene	6.68	146	530939	42.168	ng	97
13) 1,4-Dichlorobenzene	6.76	146	535731	42.519	ng	99
14) 1,2-Dichlorobenzene	6.91	146	487587	42.432	ng	100
15) Benzyl Alcohol	6.89	79	380124	44.426	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	358641	42.274	ng	86
17) 2-Methylphenol	7.00	107	362110	42.515	ng	99
18) Hexachloroethane	7.25	117	195181	43.299	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	305677	44.311	ng	97
20) 3+4-Methylphenols	7.16	107	447682	42.903	ng	98
22) Acetophenone	7.15	105	600407	42.919	ng	98
24) Nitrobenzene	7.33	77	474950	41.941	ng	99
25) Isophorone	7.57	82	835412	42.007	ng	100
26) 2-Nitrophenol	7.64	139	251325	41.887	ng	99
27) 2,4-Dimethylphenol	7.69	122	335252	41.170	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	538550	41.604	ng	99
29) 2,4-Dichlorophenol	7.89	162	398864	41.607	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	465749	40.977	ng	98
31) Naphthalene	8.05	128	1300650	41.479	ng	99
32) Benzoic acid	7.85	122	220010	38.554	ng	97
33) 4-Chloroaniline	8.09	127	556068	41.230	ng	100
34) Hexachlorobutadiene	8.16	225	295871	41.790	ng	99
35) Caprolactam	8.49	113	121365	41.115	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	415315	42.807	ng	99
37) 2-Methylnaphthalene	8.73	142	881317	41.764	ng	98
38) 1-Methylnaphthalene	8.83	142	830109	41.828	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	464052	41.675	ng	99

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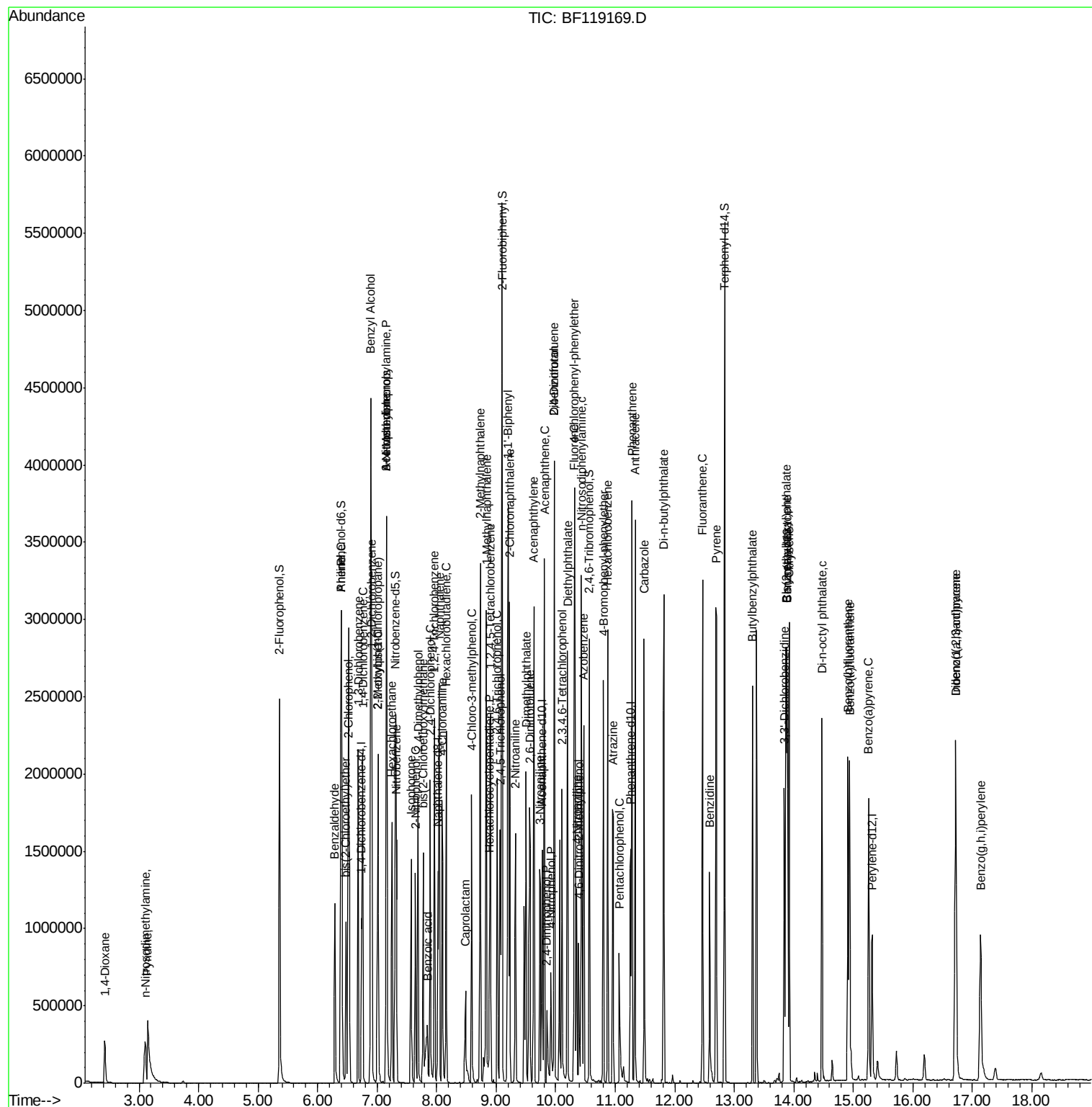
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	108419	33.003	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	291577	41.467	ng	97
44) 2,4,5-Trichlorophenol	9.06	196	293954	39.838	ng	98
46) 1,1'-Biphenyl	9.20	154	1124379	42.125	ng	98
47) 2-Chloronaphthalene	9.22	162	899322	41.811	ng	99
48) 2-Nitroaniline	9.32	65	257689	42.953	ng	100
49) Acenaphthylene	9.63	152	1297387	41.762	ng	99
50) Dimethylphthalate	9.50	163	1080506	42.785	ng	100
51) 2,6-Dinitrotoluene	9.57	165	237819	42.386	ng	97
52) Acenaphthene	9.81	154	790999	42.227	ng	99
53) 3-Nitroaniline	9.74	138	257048	41.325	ng	98
54) 2,4-Dinitrophenol	9.86	184	92807	38.329	ng	98
55) Dibenzofuran	9.98	168	1141004	40.809	ng	97
56) 4-Nitrophenol	9.92	139	135588	36.281	ng	99
57) 2,4-Dinitrotoluene	9.97	165	293948	40.419	ng	97
58) Fluorene	10.32	166	927287	42.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	249340	40.048	ng	99
60) Diethylphthalate	10.20	149	1049528	44.100	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	497178	43.233	ng	100
62) 4-Nitroaniline	10.35	138	264938	41.631	ng	96
63) Azobenzene	10.47	77	907636	43.876	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	155096	41.978	ng	92
66) n-Nitrosodiphenylamine	10.43	169	841302	42.081	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	337729	42.316	ng	98
68) Hexachlorobenzene	10.87	284	384046	41.736	ng	99
69) Atrazine	10.96	200	264395	37.851	ng	97
70) Pentachlorophenol	11.07	266	142214	38.367	ng	100
71) Phenanthrene	11.28	178	1368652	41.103	ng	99
72) Anthracene	11.33	178	1377952	41.417	ng	99
73) Carbazole	11.49	167	1223945	41.294	ng	99
74) Di-n-butylphthalate	11.82	149	1591484	44.339	ng	99
75) Fluoranthene	12.47	202	1418622	40.137	ng	99
77) Benzidine	12.59	184	566361	36.925	ng	99
78) Pyrene	12.70	202	1403116	46.331	ng	99
80) Butylbenzylphthalate	13.30	149	605710	47.522	ng	95
81) Benzo(a)anthracene	13.88	228	1104447	42.979	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	404438	40.531	ng	# 99
83) Chrysene	13.92	228	1070868	41.822	ng	# 99
84) Bis(2-ethylhexyl)phthalate	13.86	149	796310	49.452	ng	# 97
85) Di-n-octyl phthalate	14.47	149	1140608	44.457	ng	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	1069055	43.119	ng	100
88) Benzo(b)fluoranthene	14.91	252	985990	41.266	ng	99
89) Benzo(k)fluoranthene	14.94	252	959377	43.328	ng	99
90) Benzo(a)pyrene	15.26	252	893538	41.436	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	880007	46.379	ng	98
92) Benzo(g,h,i)perylene	17.14	276	855943	45.657	ng	98

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

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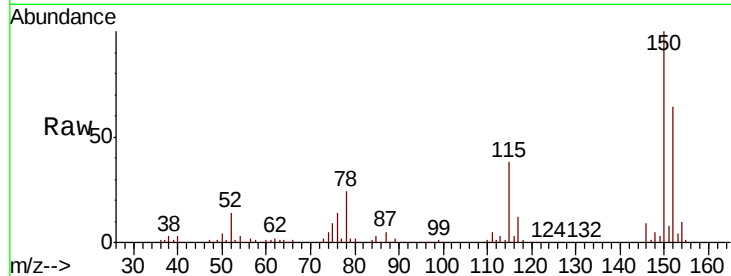




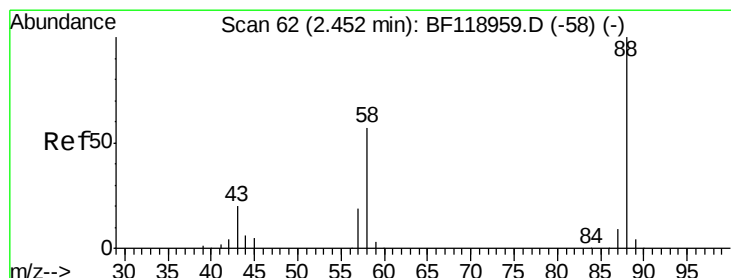
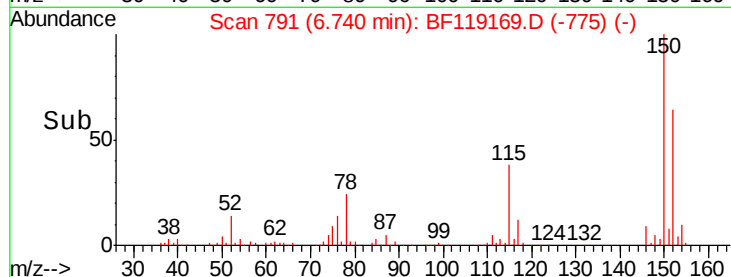
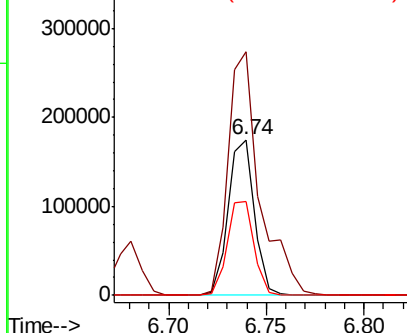
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 162678
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.6
 115 59.9 49.5 74.3

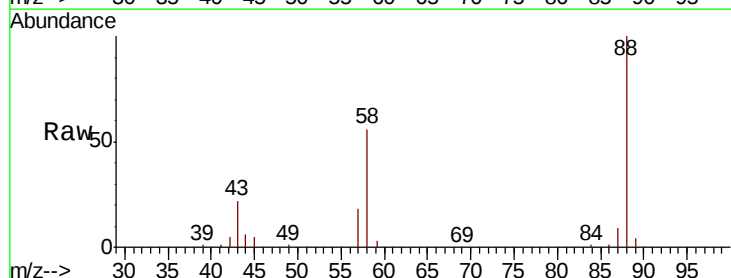


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

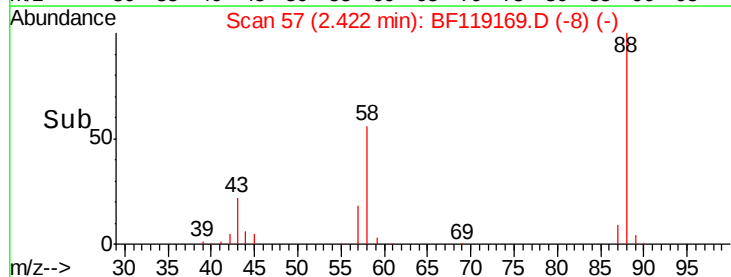
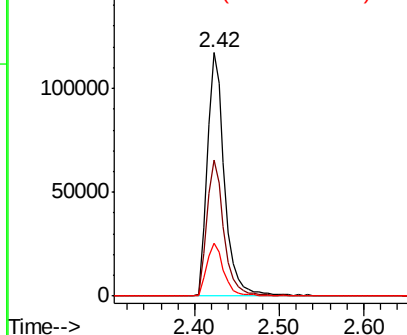


#2
 1,4-Dioxane
 Concen: 38.963 ng
 RT: 2.42 min Scan# 57
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion: 88 Resp: 168869
 Ion Ratio Lower Upper
 88 100
 58 54.9 43.8 65.6
 43 21.3 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

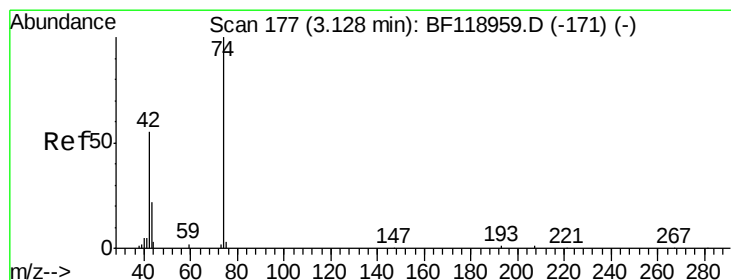
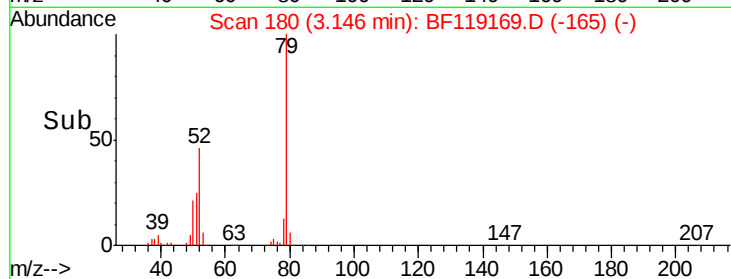
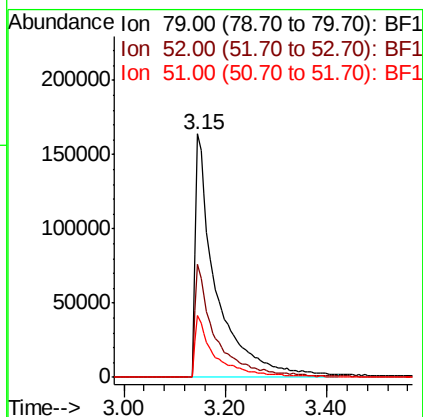
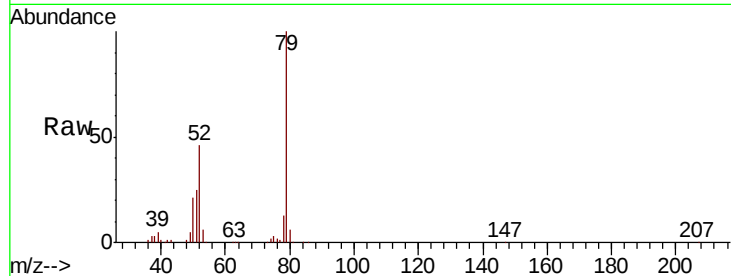




#3
 Pvridine
 Concen: 39.926 ng
 RT: 3.15 min Scan# 180
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

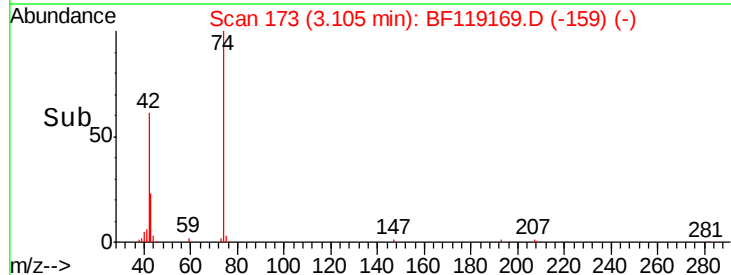
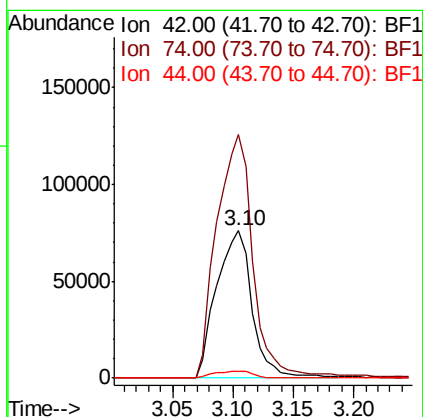
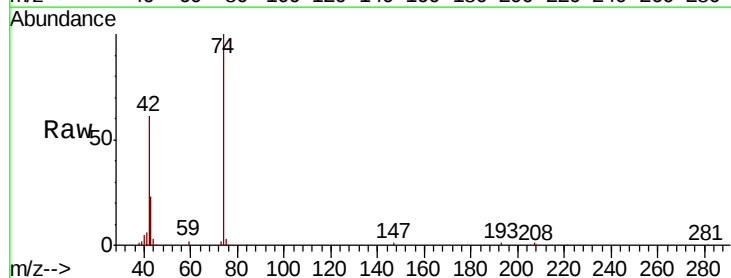
Instrument :
 BNA_F
 ClientSampleId :

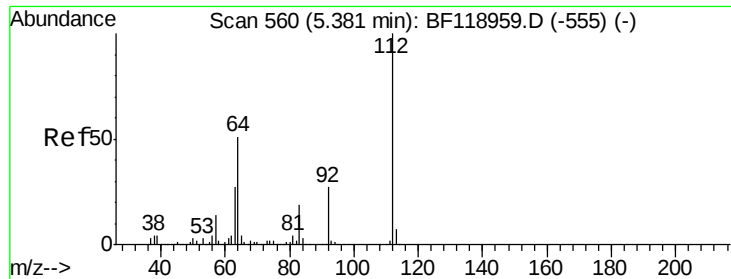
Tot Ion: 79 Resp: 472584
 Ion Ratio Lower Upper
 79 100
 52 46.4 37.4 56.0
 51 25.3 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 43.444 ng
 RT: 3.10 min Scan# 173
 Delta R.T. -0.02 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion: 42 Resp: 155774
 Ion Ratio Lower Upper
 42 100
 74 165.0 137.7 206.5
 44 5.0 4.5 6.7





#5

2-Fluorophenol

Concen: 84.419 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

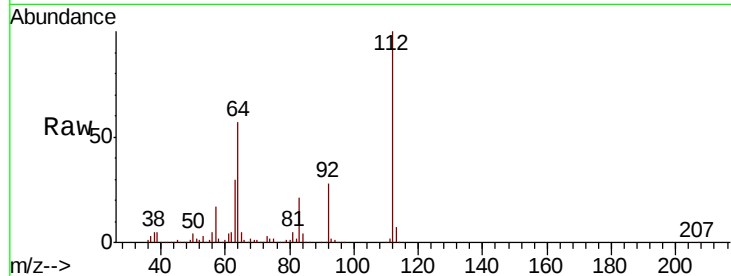
Tot Ion:112 Resp: 821759

Ion Ratio Lower Upper

112 100

64 56.5 45.0 67.4

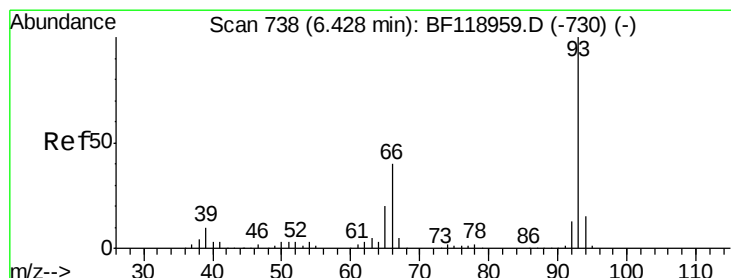
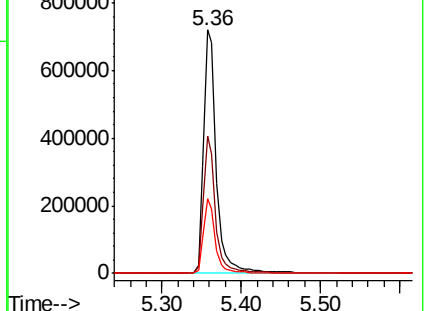
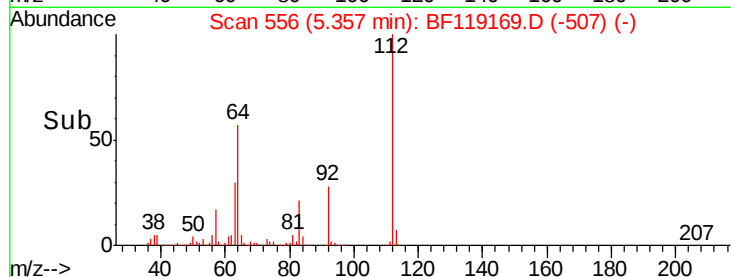
63 30.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.599 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

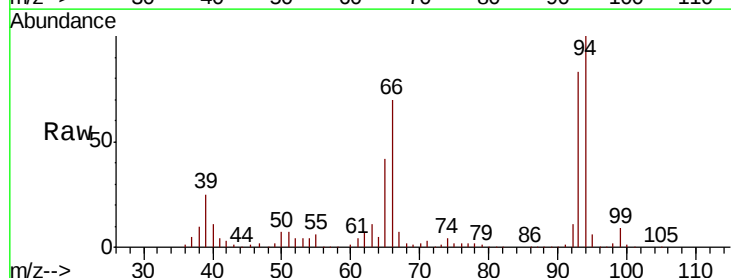
Tgt Ion: 93 Resp: 607683

Ion Ratio Lower Upper

93 100

66 84.5 74.5 111.7

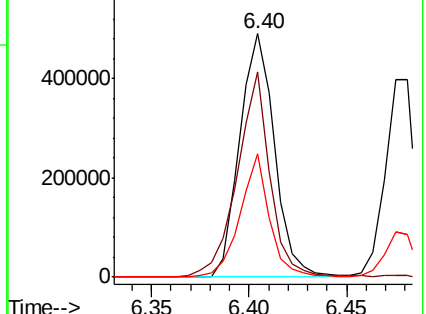
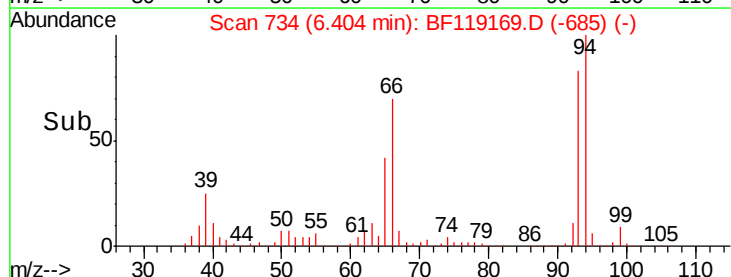
65 50.4 45.3 67.9



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: 85.557 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

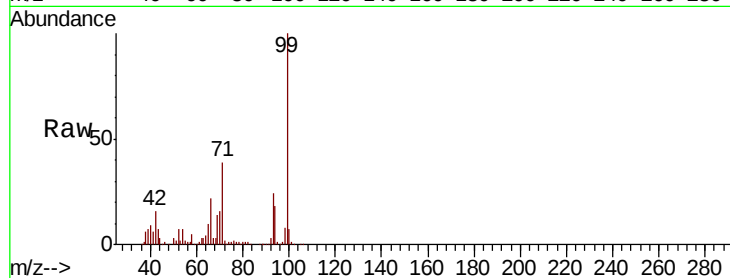
Tot Ion: 99 Resp: 1012885

Ion Ratio Lower Upper

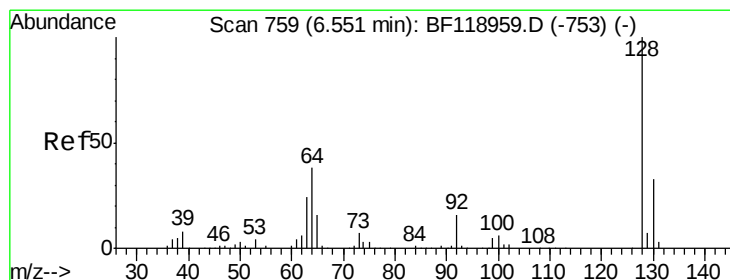
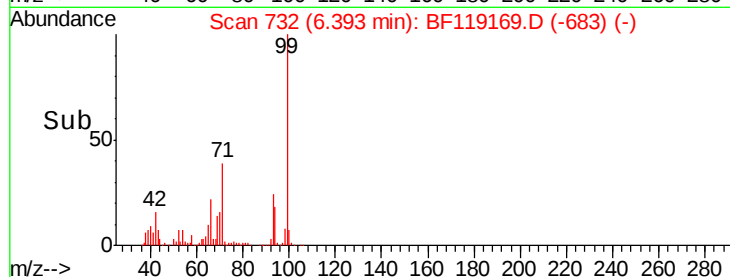
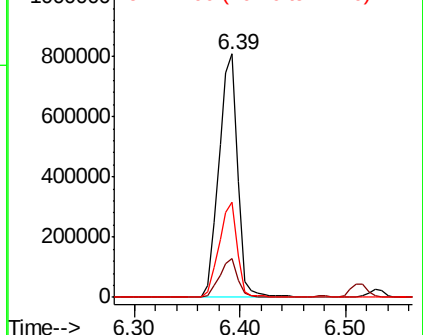
99 100

42 15.7 12.6 18.8

71 39.2 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: 42.809 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

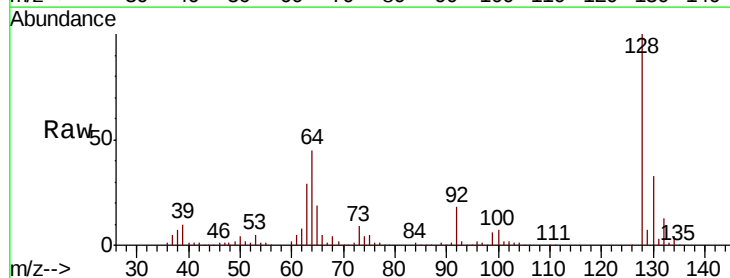
Tgt Ion: 128 Resp: 449720

Ion Ratio Lower Upper

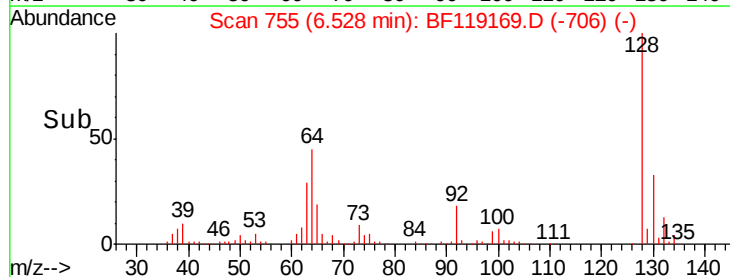
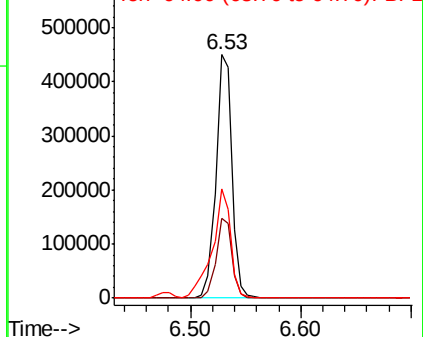
128 100

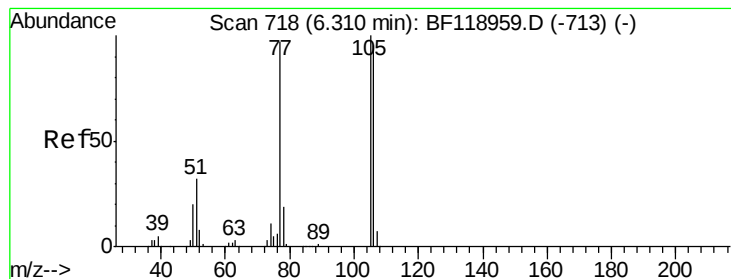
130 32.8 12.7 52.7

64 45.0 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: 36.811 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

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BNA_F

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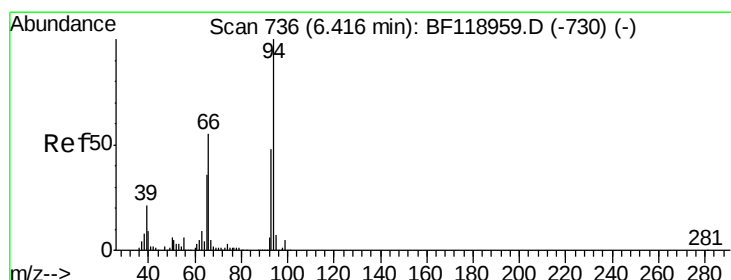
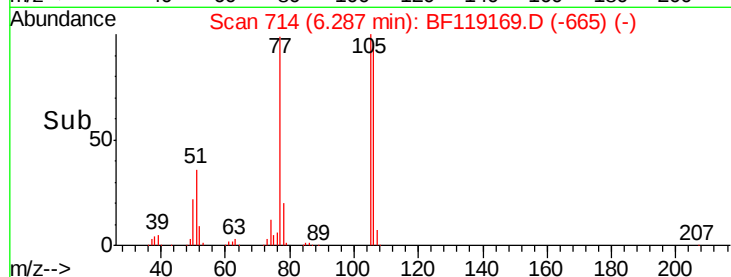
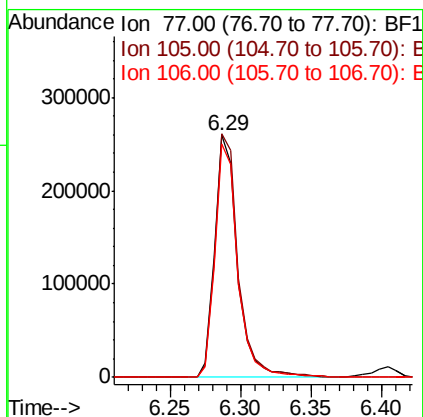
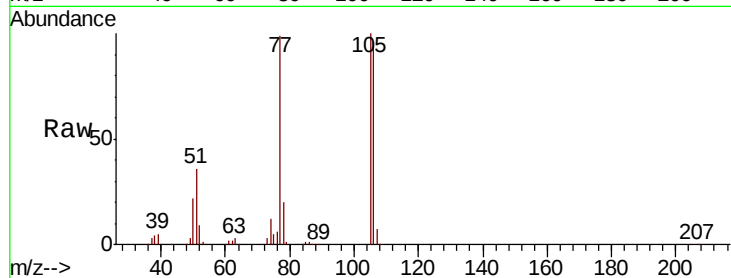
Tot Ion: 77 Resp: 291163

Ion Ratio Lower Upper

77 100

105 100.6 80.1 120.1

106 96.5 75.9 115.9



#10

Phenol

Concen: 41.879 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

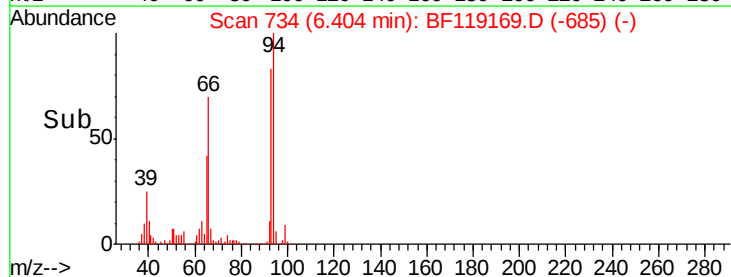
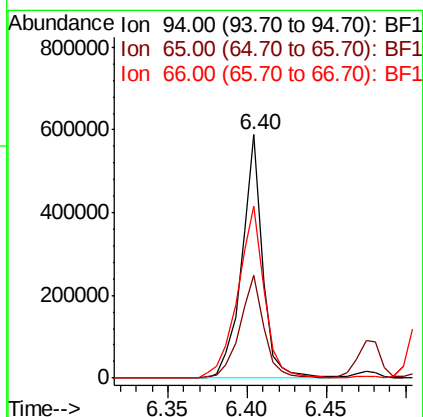
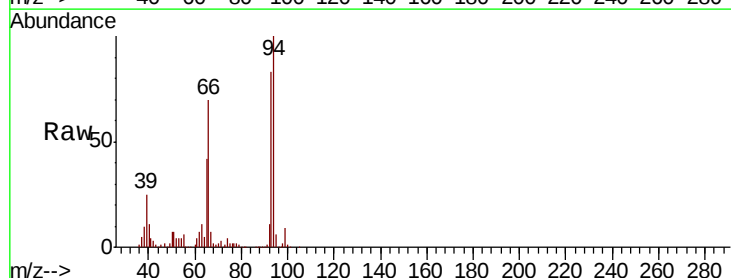
Tgt Ion: 94 Resp: 536040

Ion Ratio Lower Upper

94 100

65 42.0 19.2 59.2

66 70.4 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 42.584 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampled :

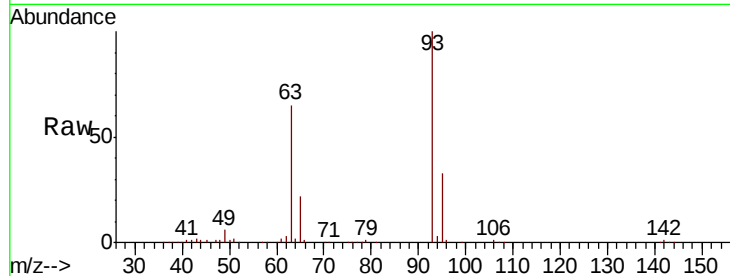
Tot Ion: 93 Resp: 417058

Ion Ratio Lower Upper

93 100

63 64.7 45.4 85.4

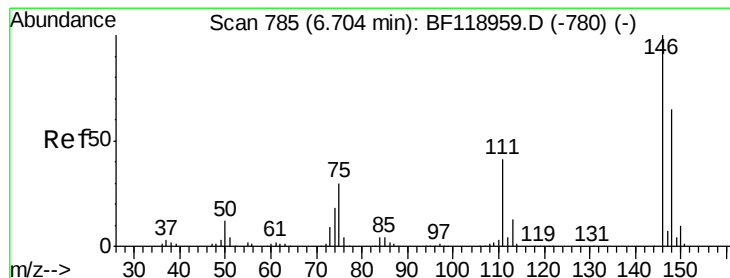
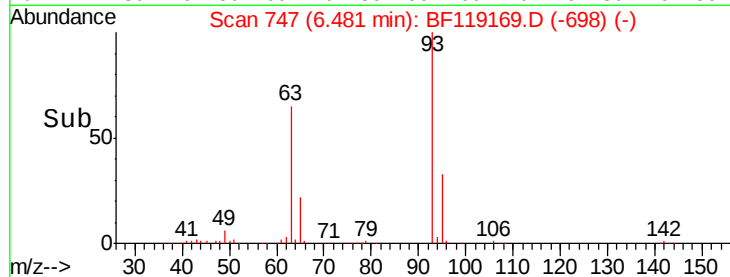
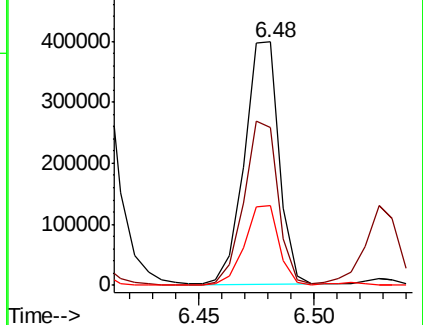
95 32.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.168 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

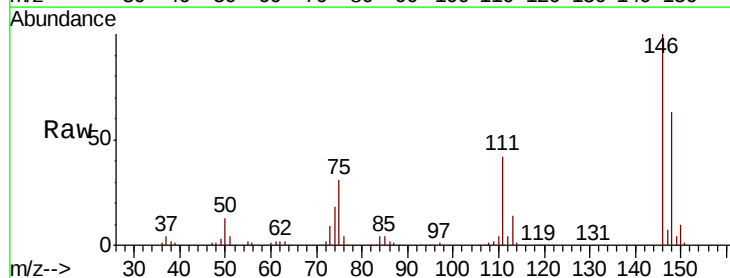
Tgt Ion: 146 Resp: 530939

Ion Ratio Lower Upper

146 100

148 63.2 52.5 78.7

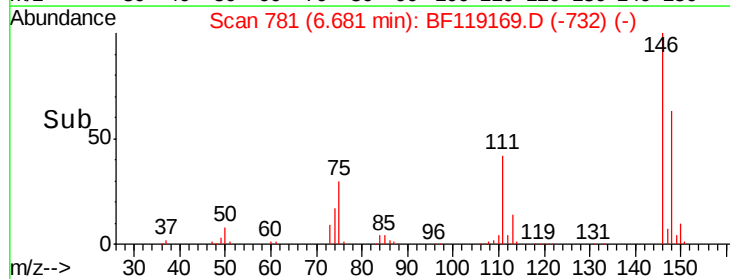
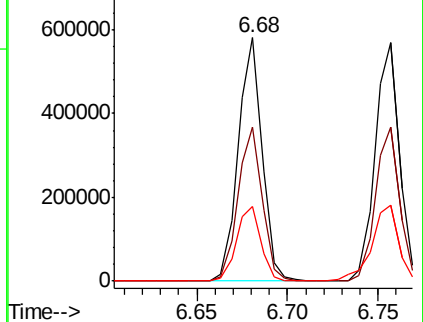
75 30.7 23.6 35.4

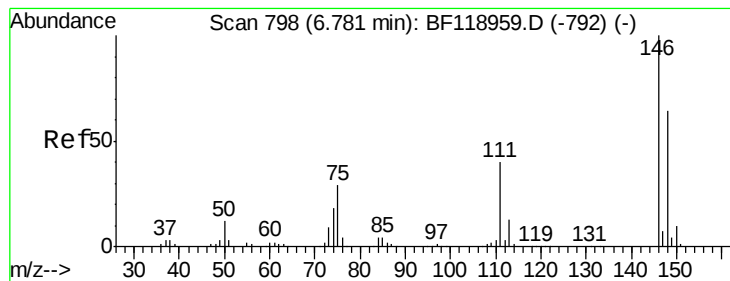


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.519 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

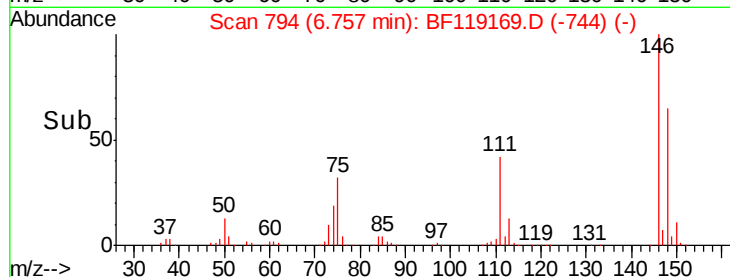
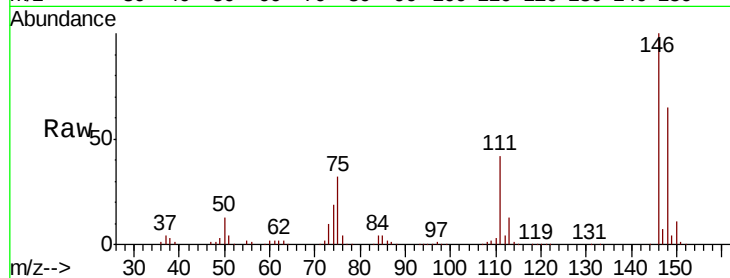
Tot Ion:146 Resp: 535731

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

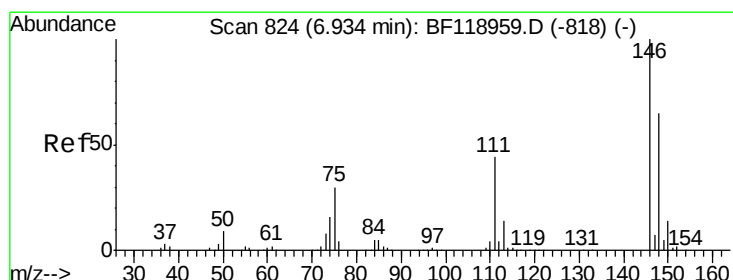
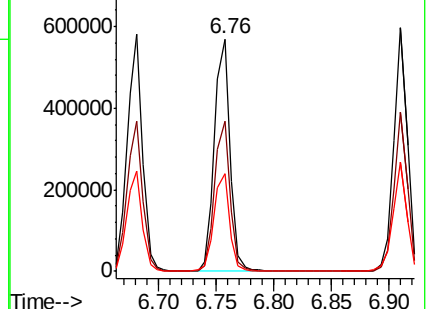
111 42.2 34.8 52.2



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: 42.432 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

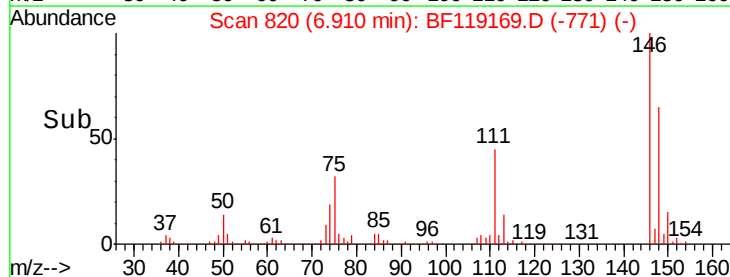
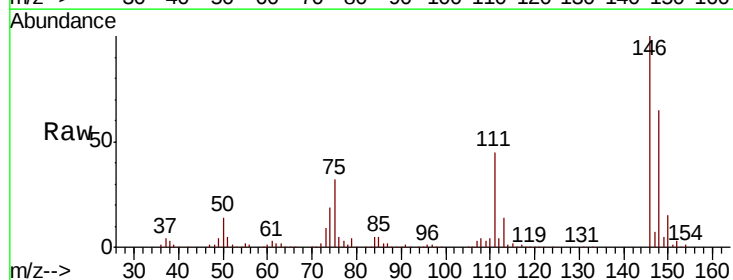
Tgt Ion:146 Resp: 487587

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

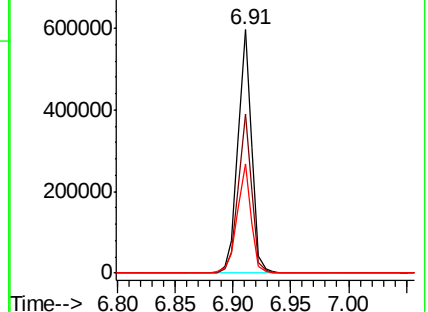
111 45.0 36.2 54.2

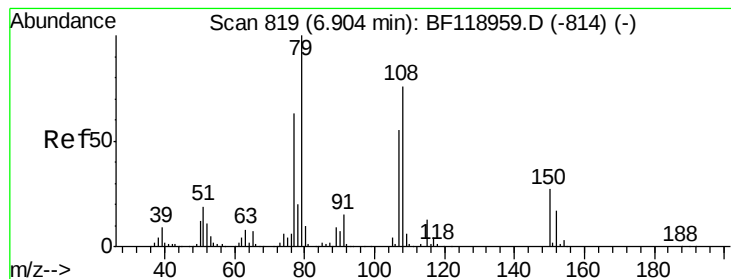


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.426 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

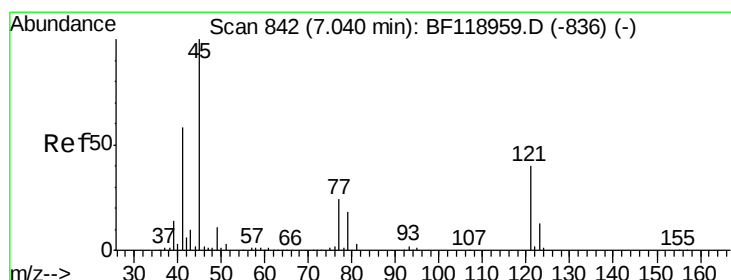
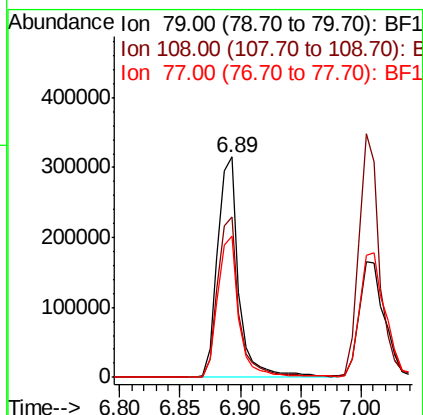
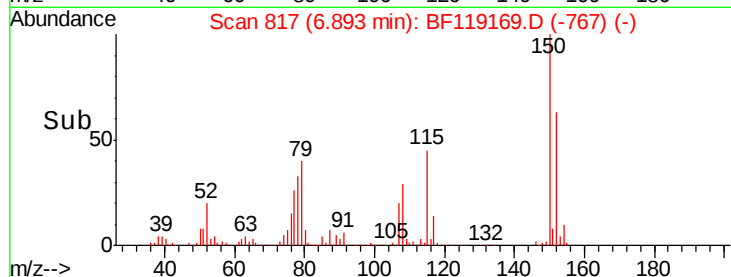
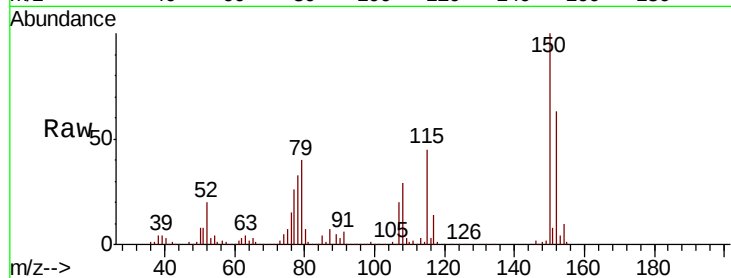
Tot Ion: 79 Resp: 380124

Ion Ratio Lower Upper

79 100

108 72.9 58.2 87.2

77 63.8 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.274 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

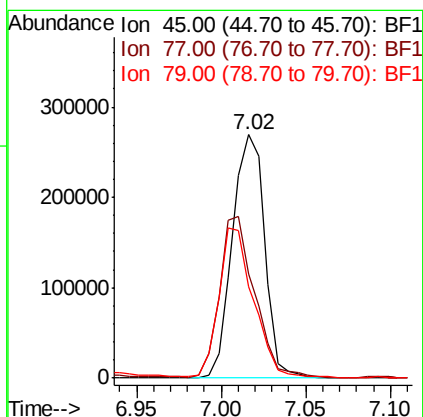
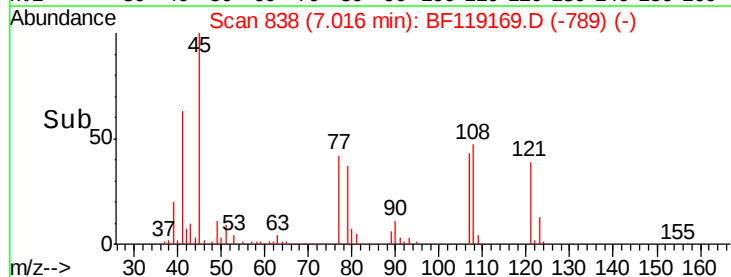
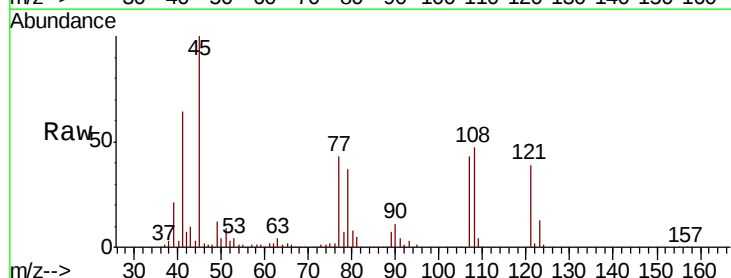
Tgt Ion: 45 Resp: 358641

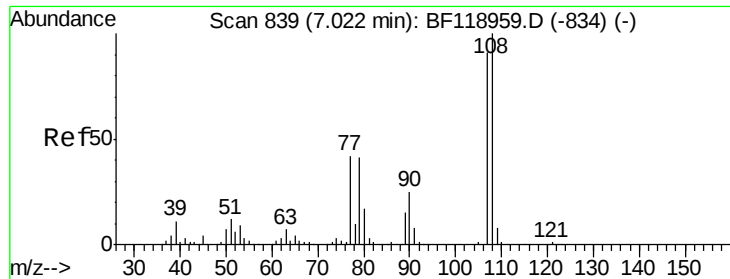
Ion Ratio Lower Upper

45 100

77 42.9 15.0 55.0

79 37.3 9.4 49.4

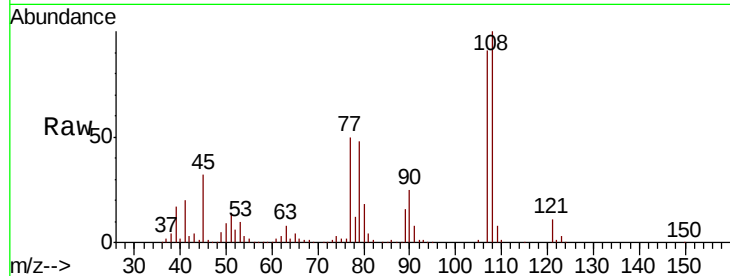




#17
2-Methylphenol
Concen: 42.515 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	362110
Ion	Ratio	Lower	Upper
107	100		
108	109.3	87.9	131.9
77	55.0	45.3	67.9
79	52.1	43.0	64.4



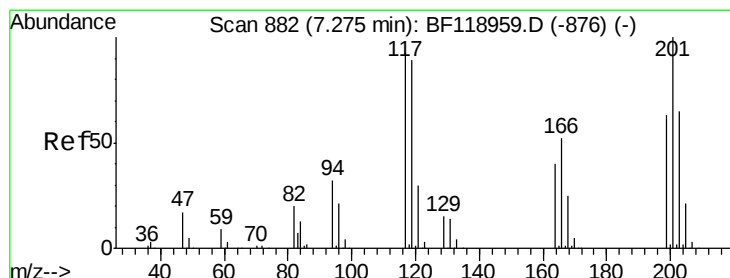
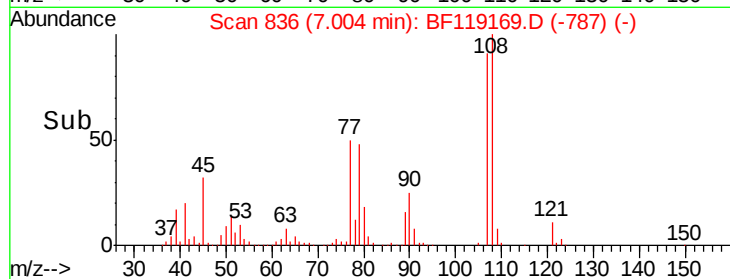
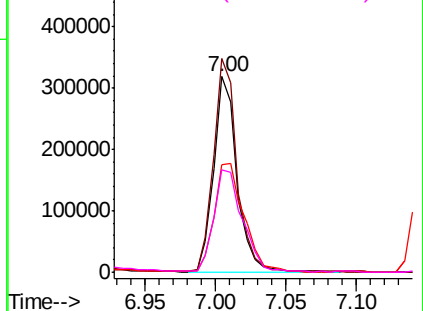
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

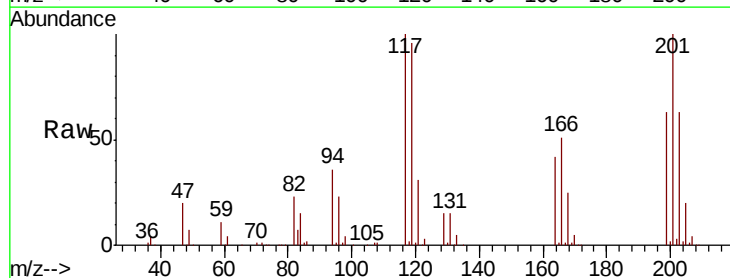
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.299 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:	117	Resp:	195181
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.5	116.3
201	100.0	82.6	123.8

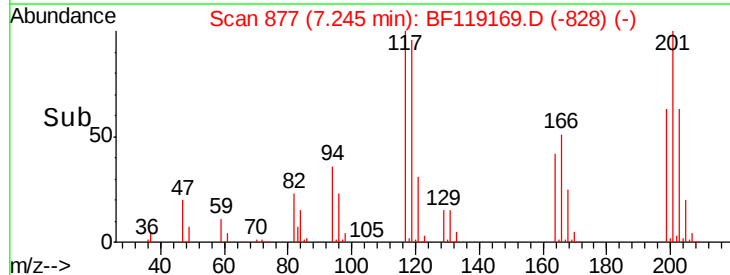
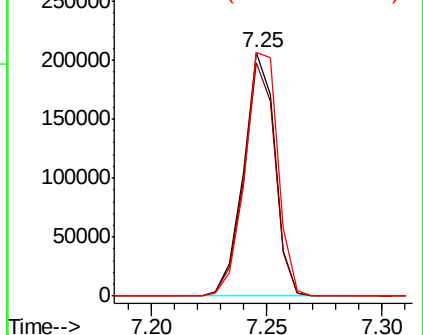


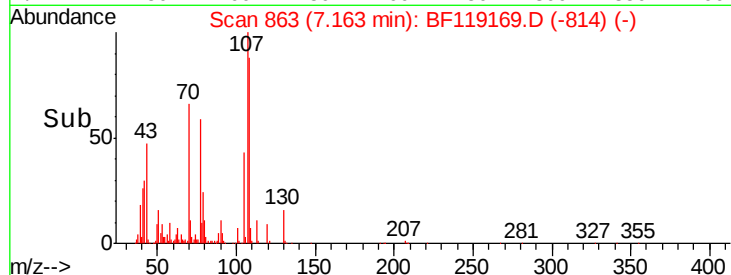
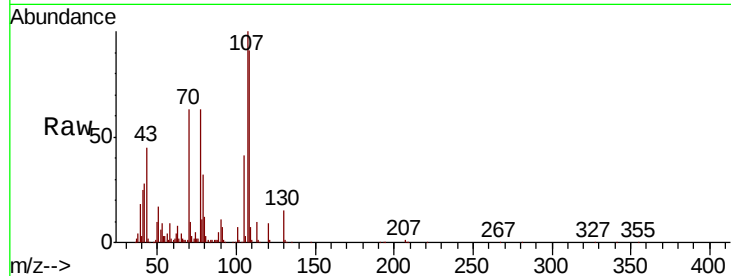
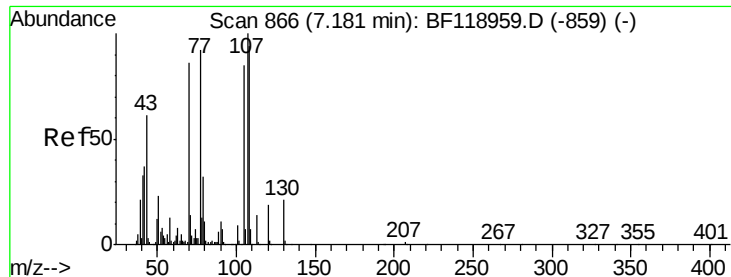
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

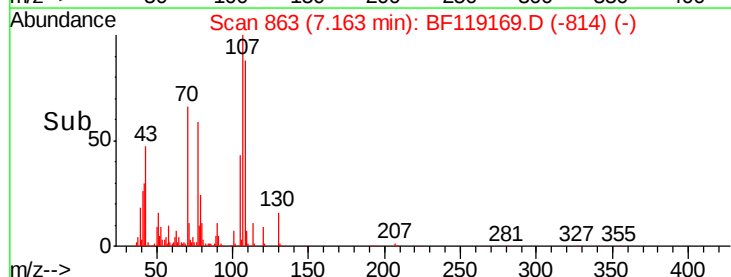
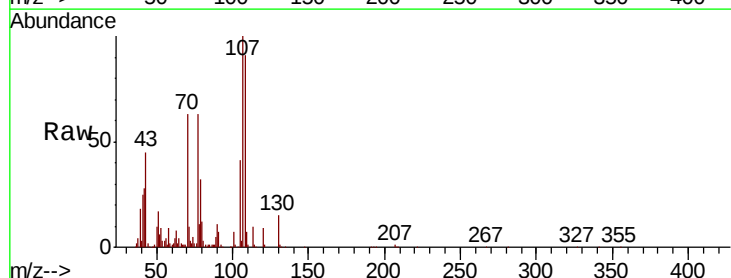
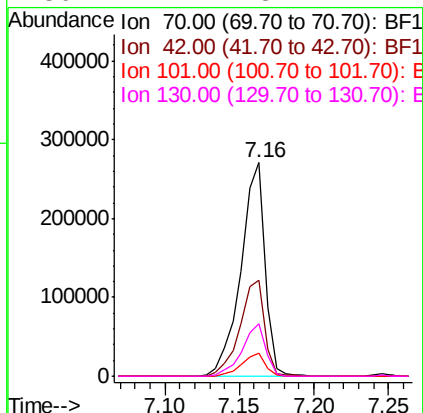




#19
n-Nitroso-di-n-propylamine
Concen: 44.311 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

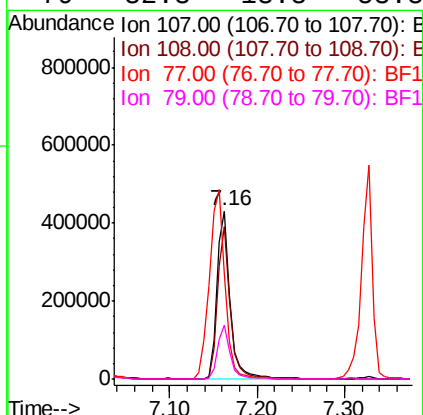
Instrument :
BNA_F
ClientSampleId :

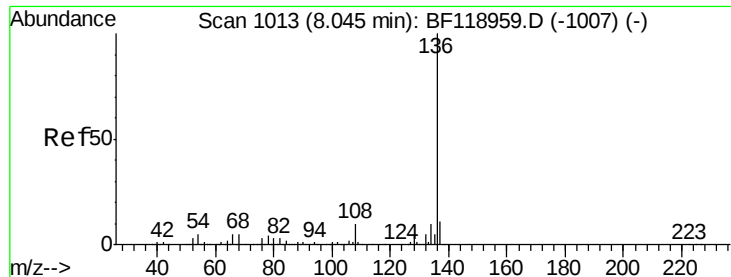
Tot Ion:	70	Resp:	305677
Ion	Ratio	Lower	Upper
70	100		
42	45.2	38.0	57.0
101	10.7	8.2	12.4
130	24.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.903 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:	107	Resp:	447682
Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.5	111.5
77	62.7	45.9	85.9
79	32.3	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 604626

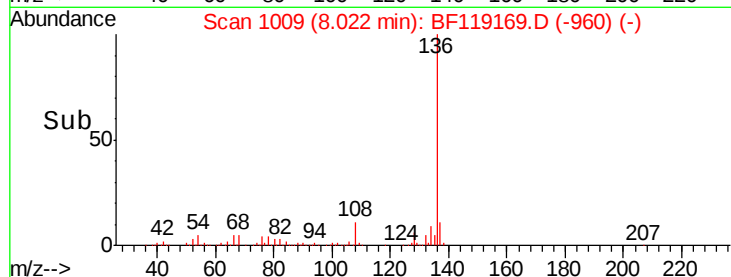
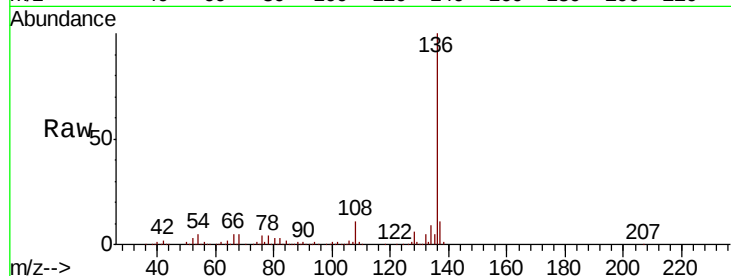
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.8 3.8 5.6

68 5.0 3.9 5.9

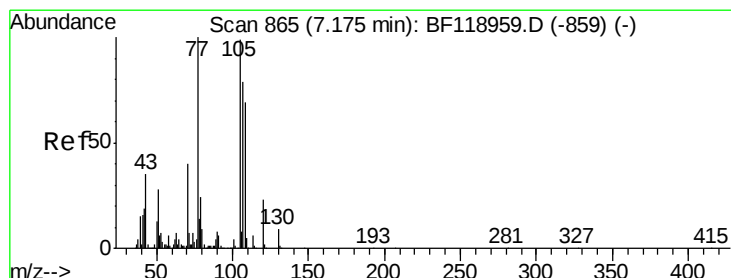
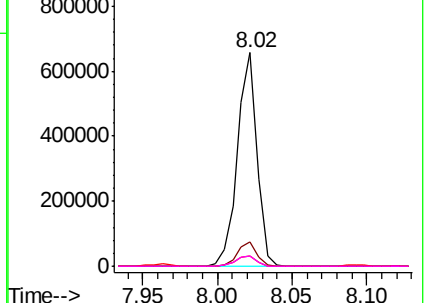


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.919 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Tgt Ion:105 Resp: 600407

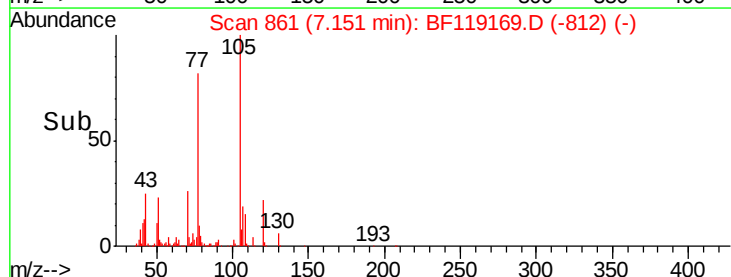
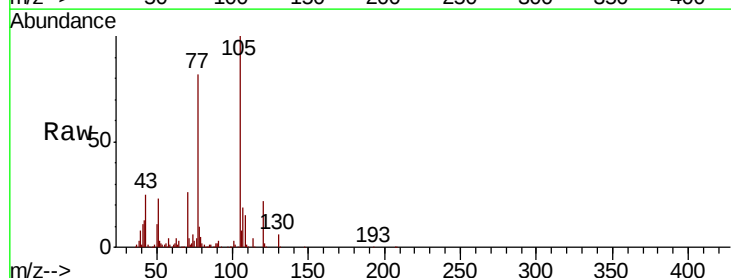
Ion Ratio Lower Upper

105 100

71 4.3 3.0 4.4

51 23.1 20.1 30.1

120 22.2 18.0 27.0

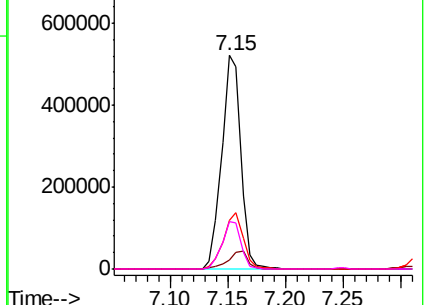


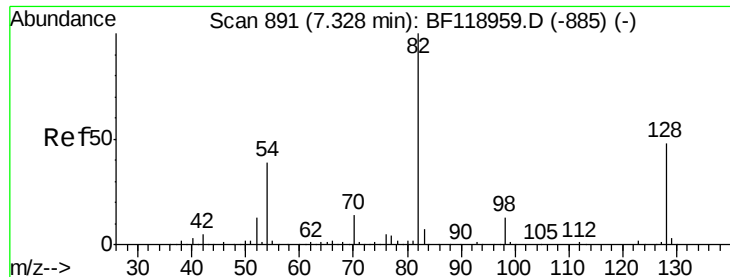
Abundance Ion 105.00 (104.70 to 105.70): E

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

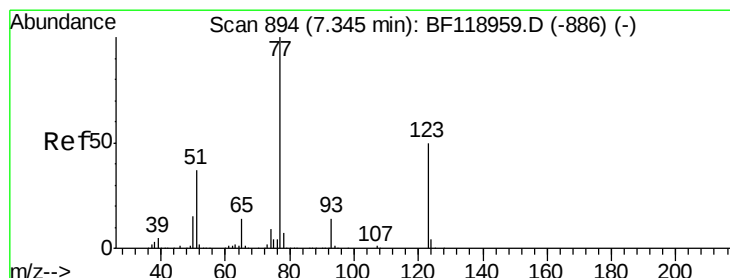
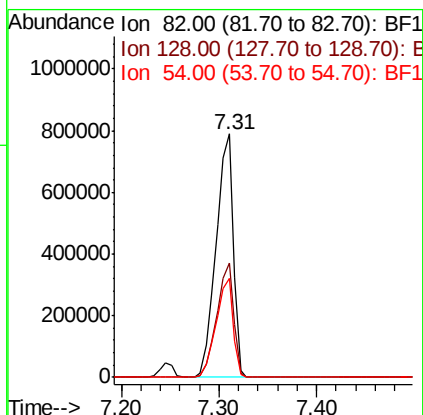
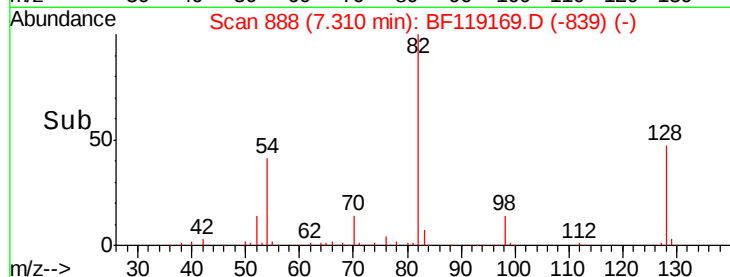
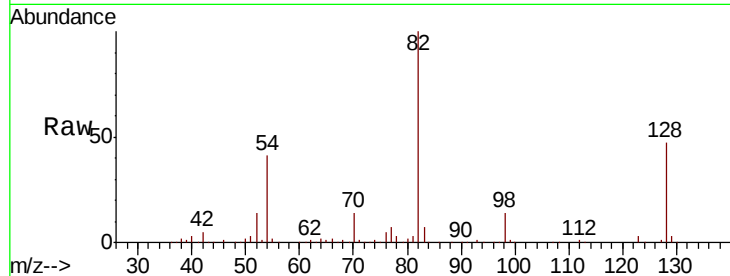




#23
 Nitrobenzene-d5
 Concen: 84.748 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

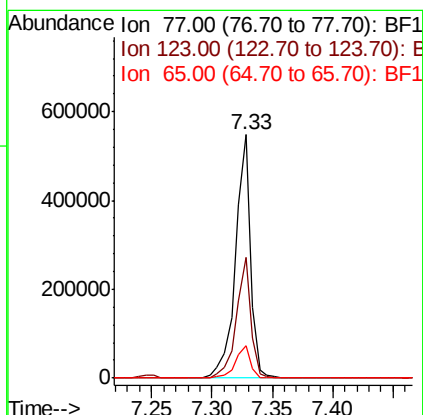
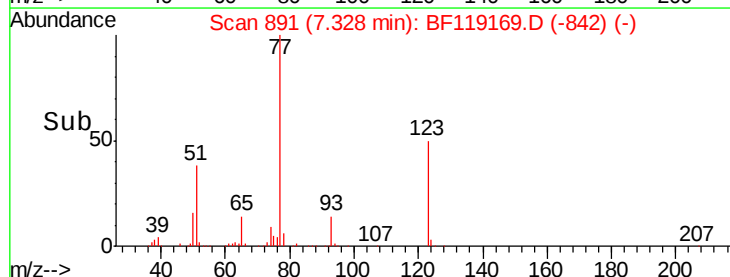
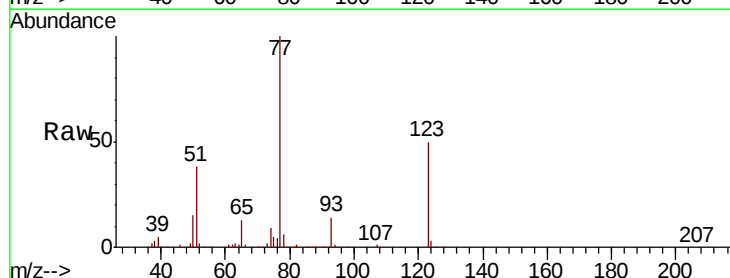
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 970469
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.9 56.9
 54 40.7 33.4 50.2



#24
 Nitrobenzene
 Concen: 41.941 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion: 77 Resp: 474950
 Ion Ratio Lower Upper
 77 100
 123 49.8 40.2 60.2
 65 13.4 10.8 16.2

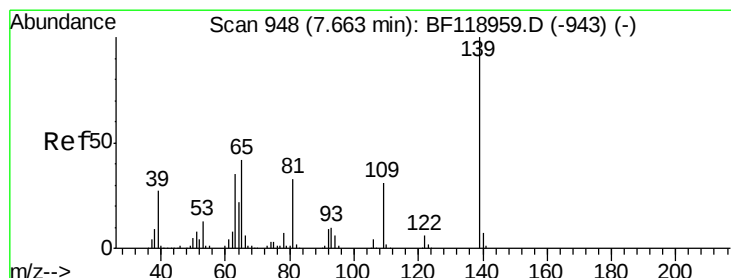
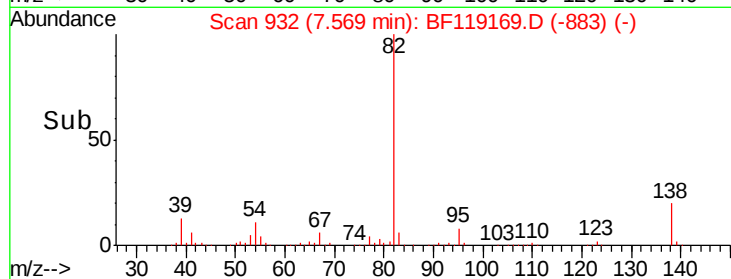
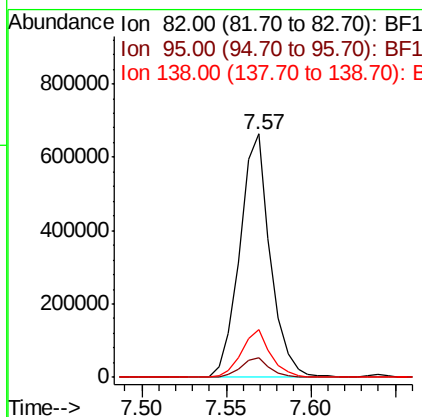
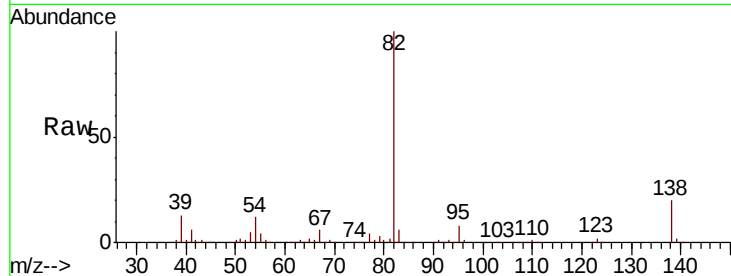




#25
Isophorone
Concen: 42.007 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

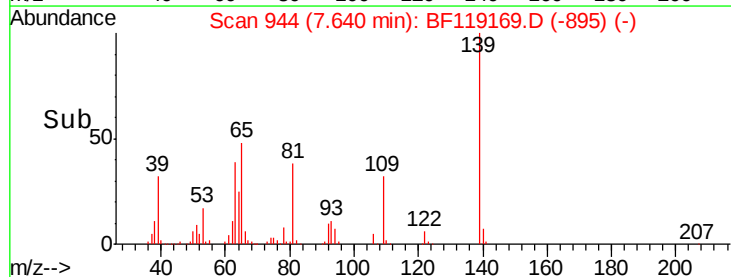
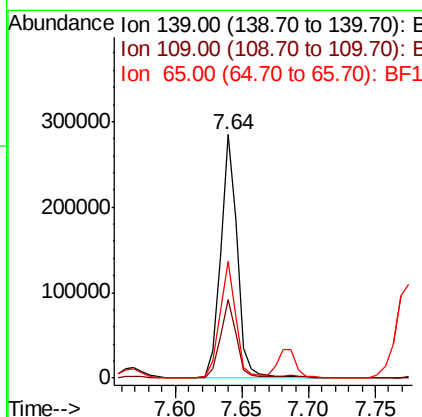
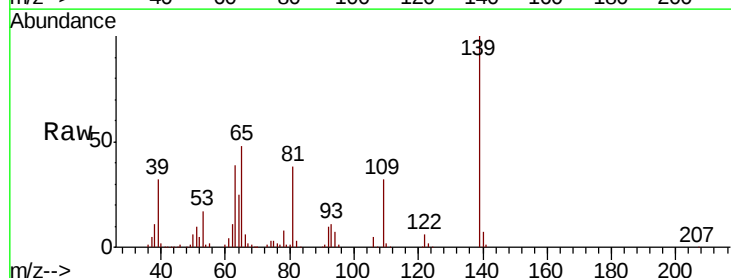
Instrument :
BNA_F
ClientSampleId :

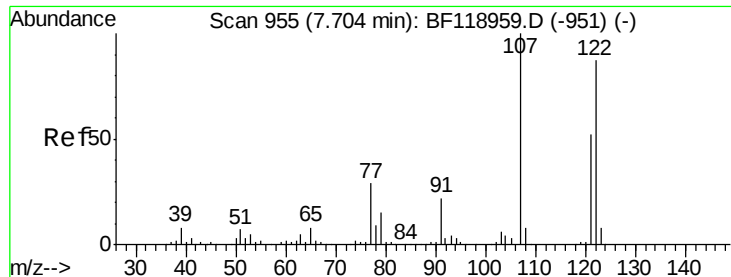
Tot Ion: 82 Resp: 835412
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.6 15.7 23.5



#26
2-Nitrophenol
Concen: 41.887 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion: 139 Resp: 251325
Ion Ratio Lower Upper
139 100
109 32.3 25.7 38.5
65 47.8 37.1 55.7

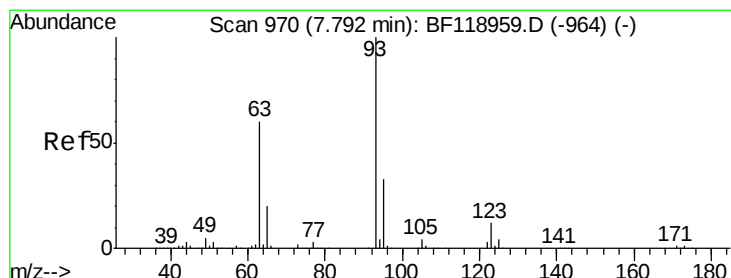
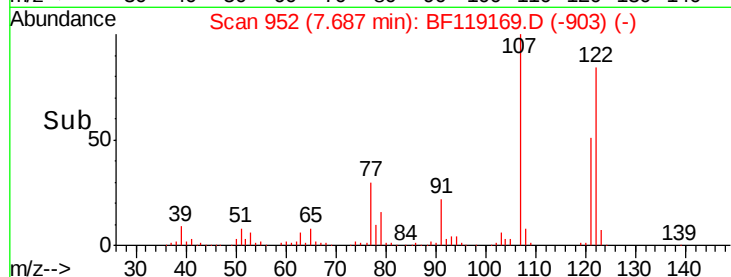
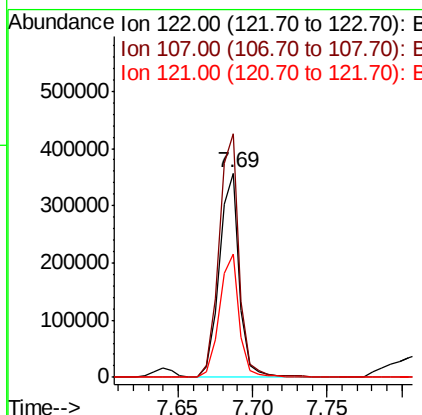
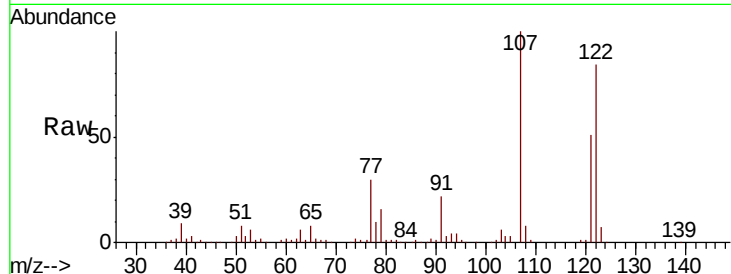




#27
 2,4-Dimethylphenol
 Concen: 41.170 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

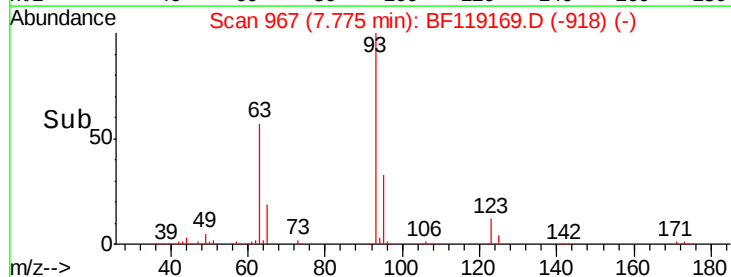
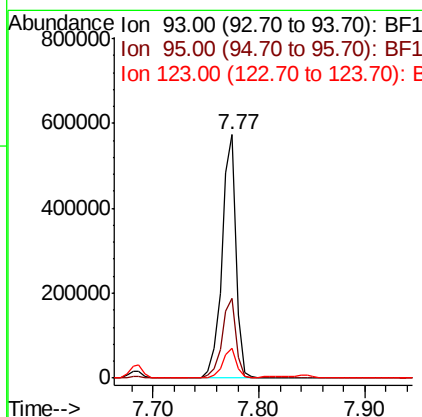
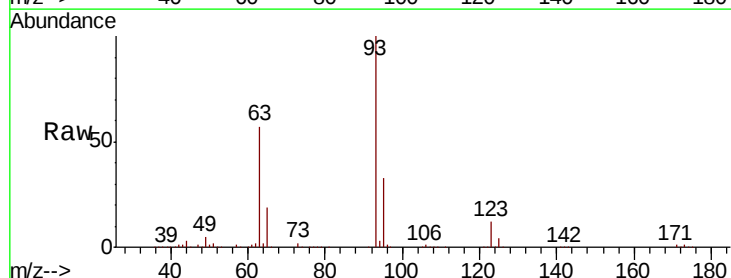
Instrument :
 BNA_F
 ClientSampleId :

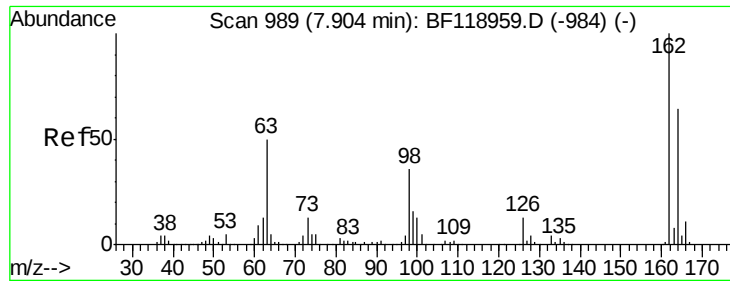
Tot Ion:122 Resp: 335252
 Ion Ratio Lower Upper
 122 100
 107 119.1 93.8 140.6
 121 60.4 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.604 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion: 93 Resp: 538550
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 12.4 10.2 15.2

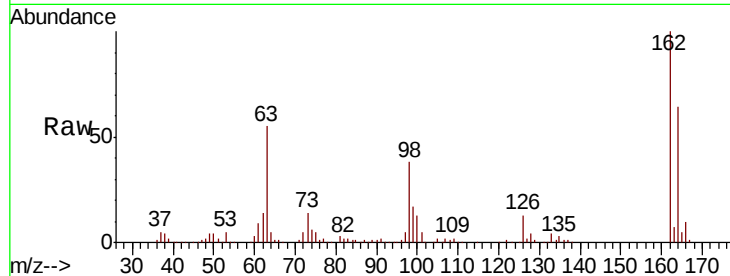




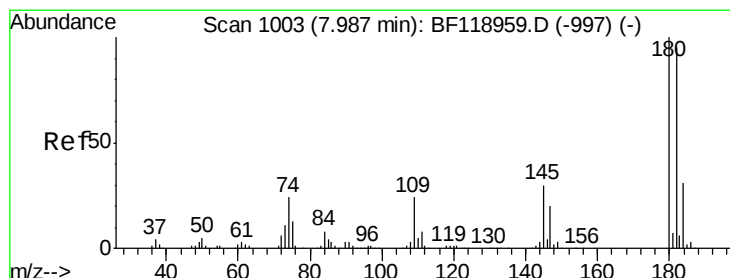
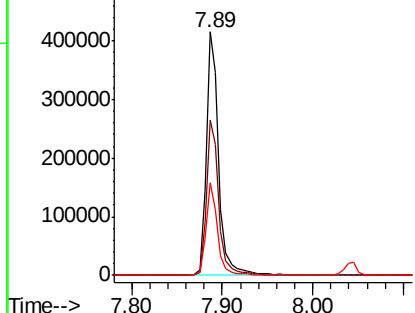
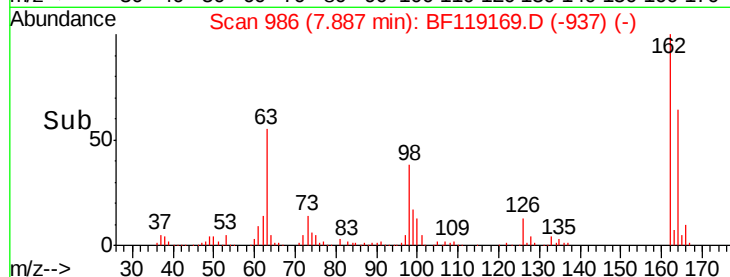
#29
 2,4-Dichlorophenol
 Concen: 41.607 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 398864
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.2 85.2
 98 38.0 17.4 57.4

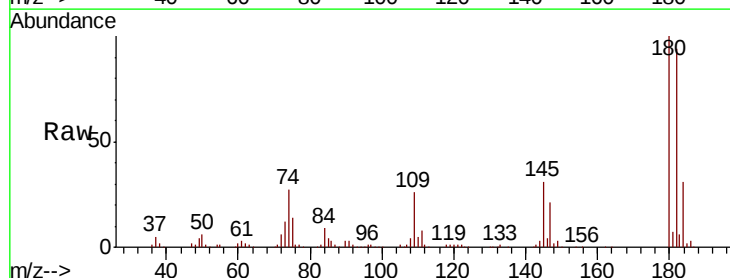


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

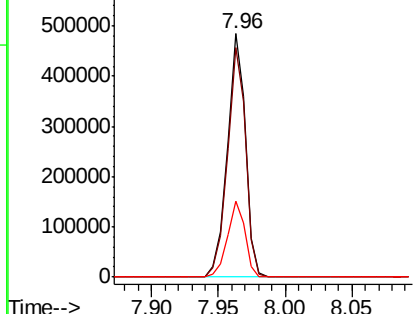
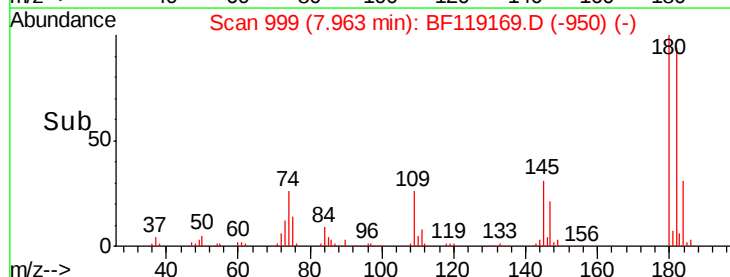


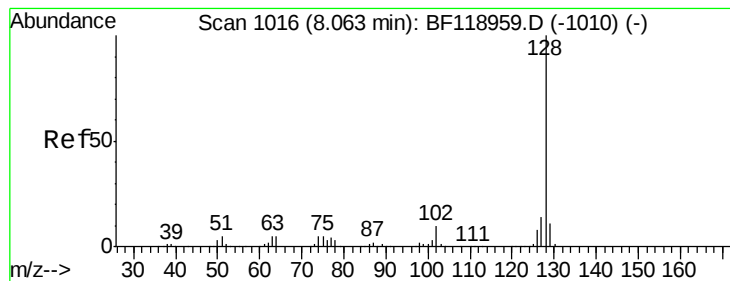
#30
 1,2,4-Trichlorobenzene
 Concen: 40.977 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:180 Resp: 465749
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.8 116.6
 145 31.1 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: 41.479 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

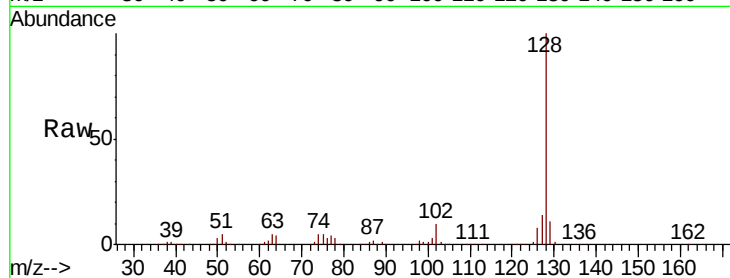
Tot Ion:128 Resp: 1300650

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

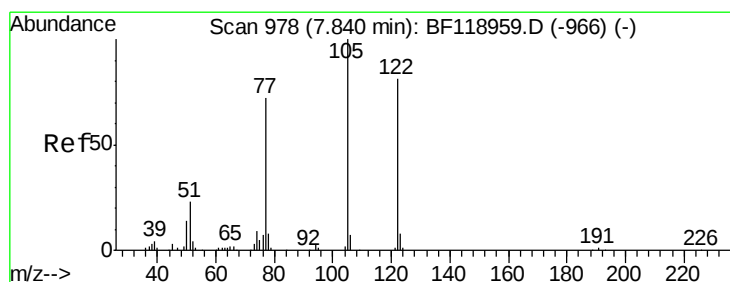
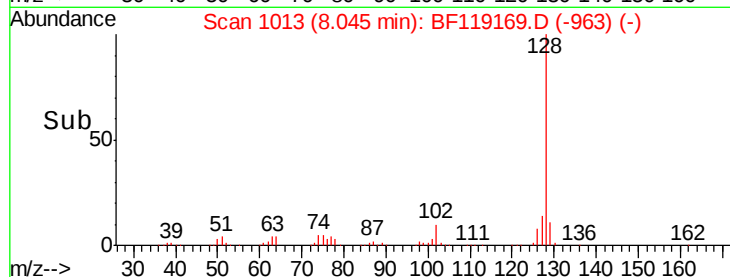
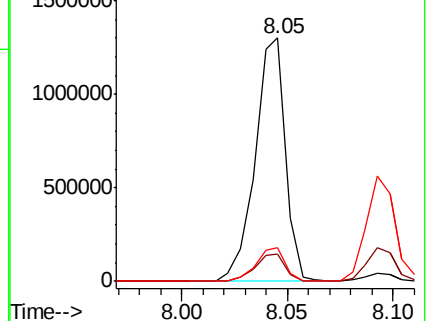
127 13.9 11.4 17.2



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: 38.554 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

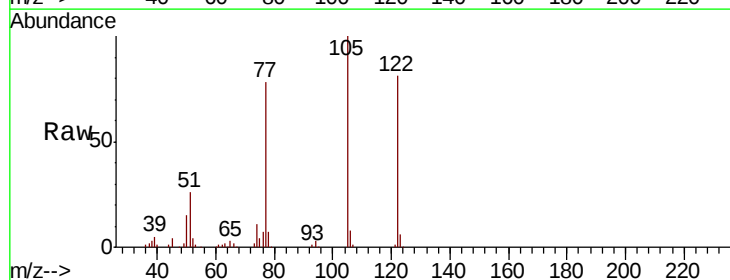
Tgt Ion:122 Resp: 220010

Ion Ratio Lower Upper

122 100

105 123.4 106.3 146.3

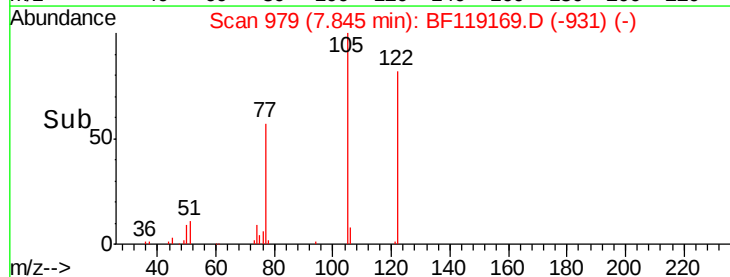
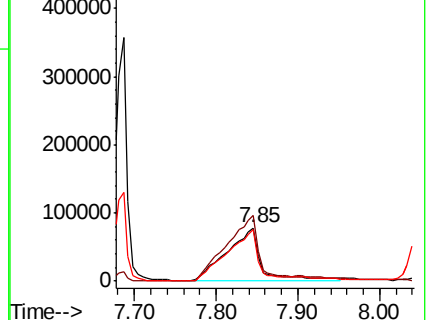
77 96.8 73.1 113.1



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

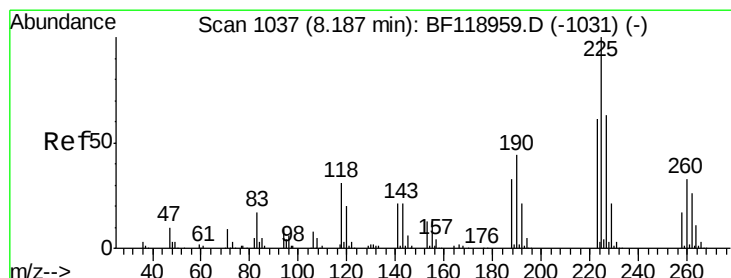
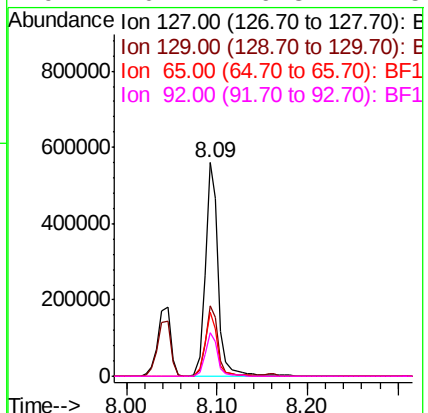
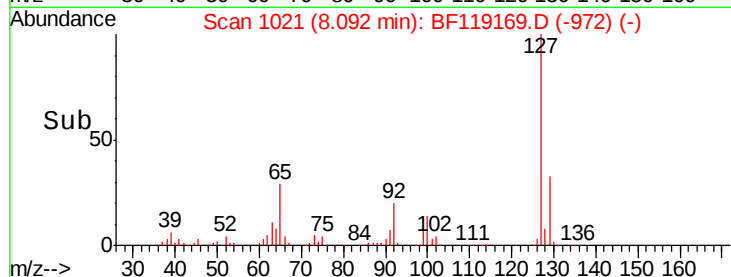
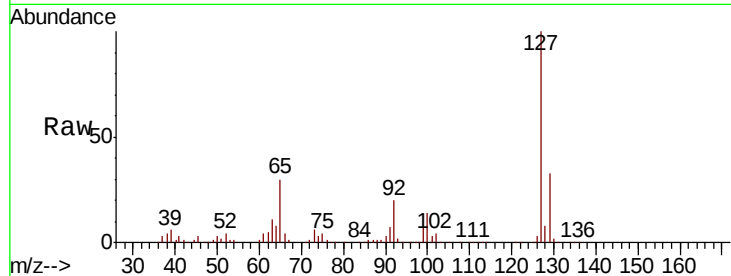




#33
4-Chloroaniline
Concen: 41.230 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

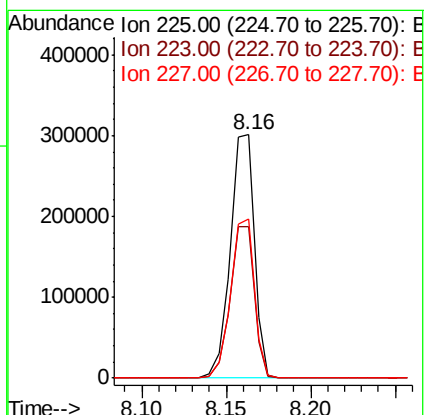
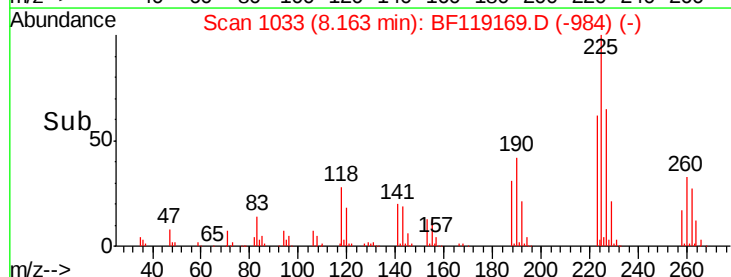
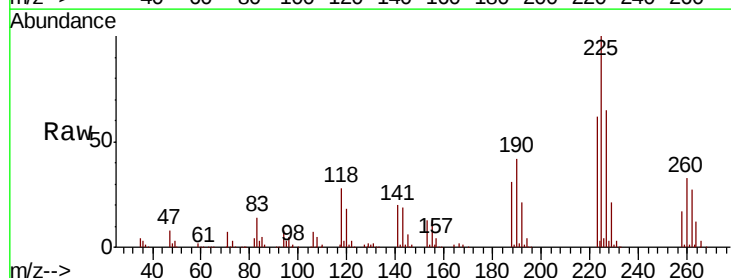
Instrument :
BNA_F
ClientSampleId :

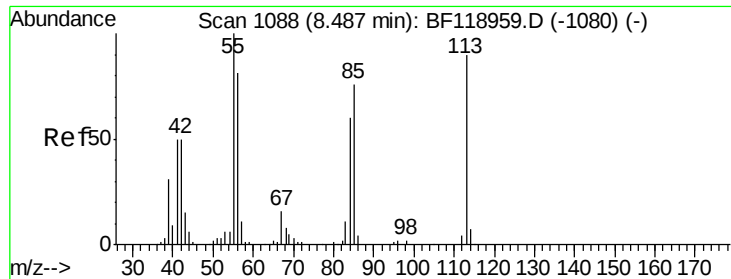
Tot Ion:	127	Resp:	556068
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.7	23.9	35.9
92	20.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.790 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:	225	Resp:	295871
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	65.2	52.9	79.3

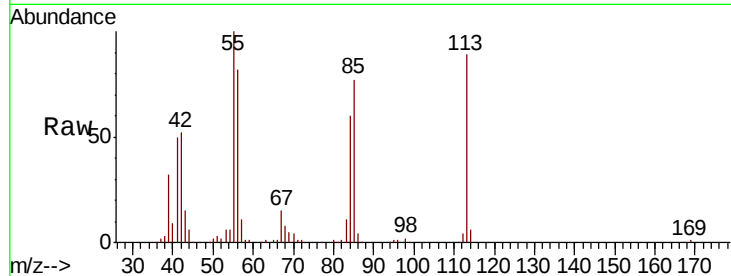




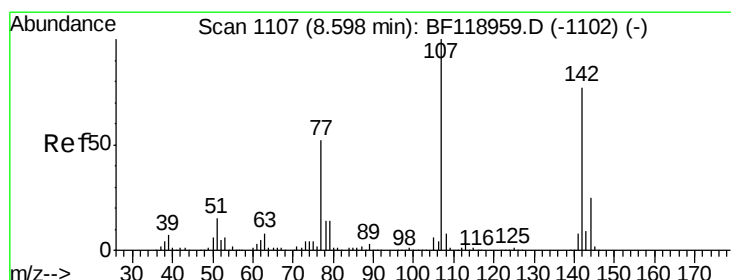
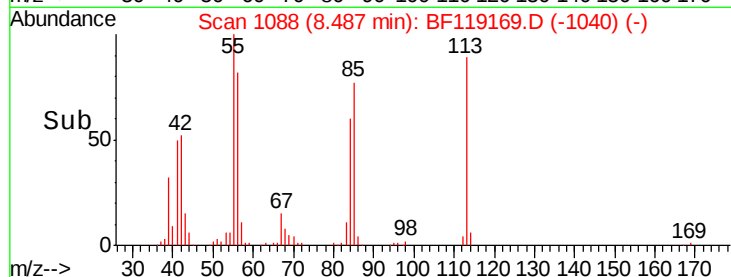
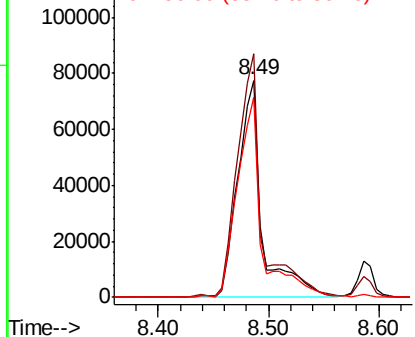
#35
 Caprolactam
 Concen: 41.115 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 121365
 Ion Ratio Lower Upper
 113 100
 55 112.3 95.7 135.7
 56 92.6 73.1 113.1

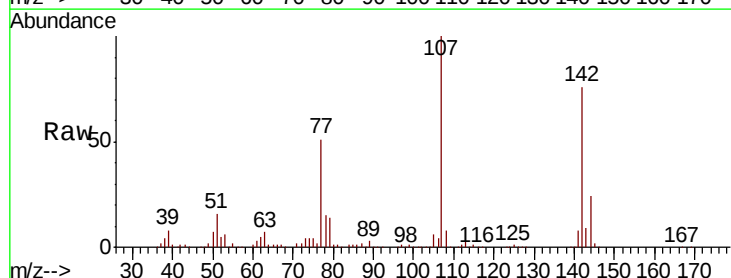


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

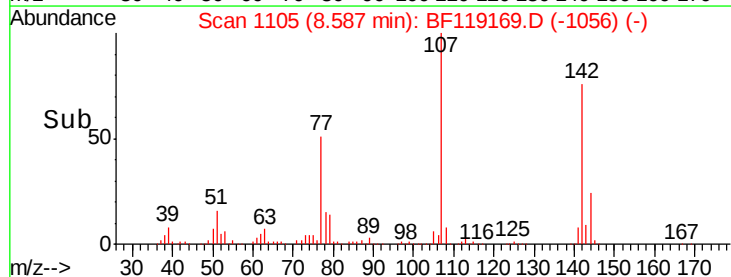
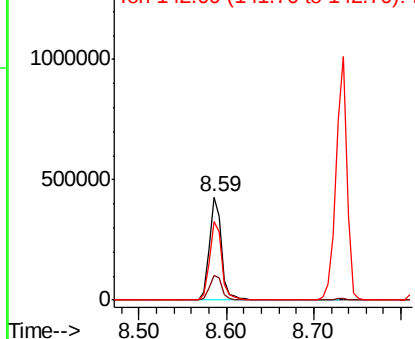


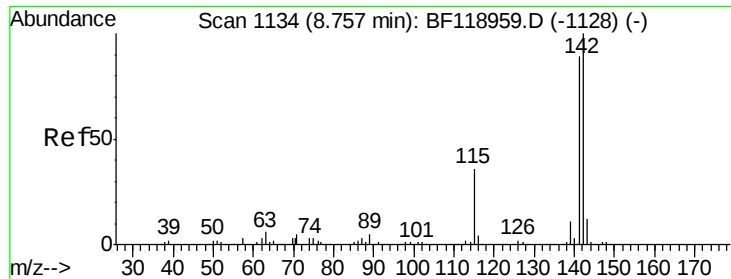
#36
 4-Chloro-3-methylphenol
 Concen: 42.807 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:107 Resp: 415315
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.1 30.1
 142 75.7 61.4 92.2



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

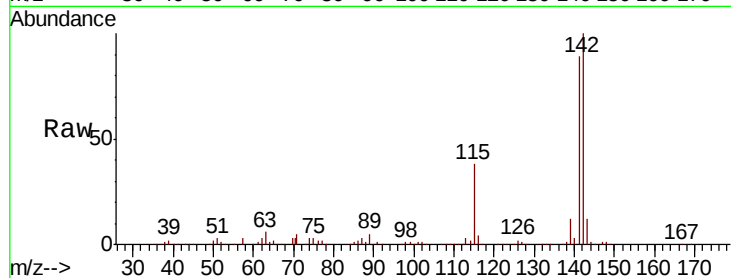




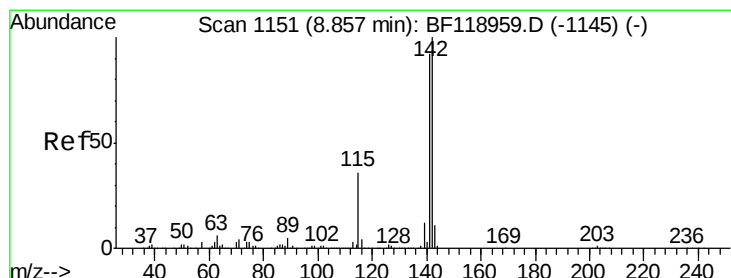
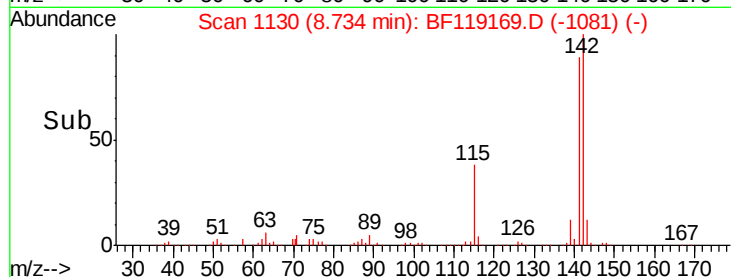
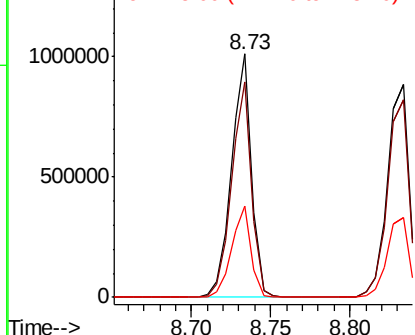
#37
2-Methylnaphthalene
Concen: 41.764 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.3	108.5
115	37.5	30.6	45.8

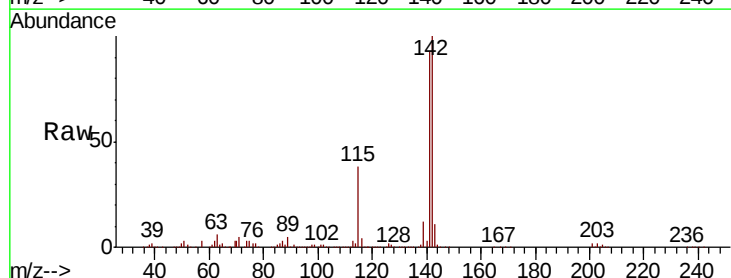


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

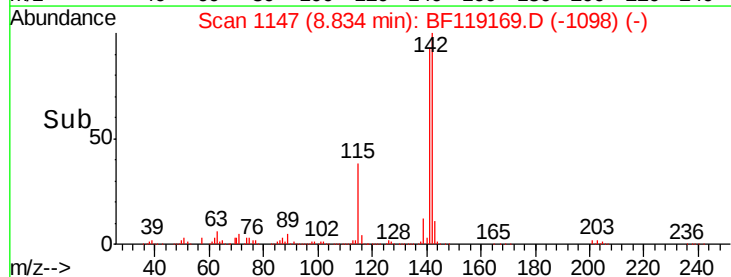
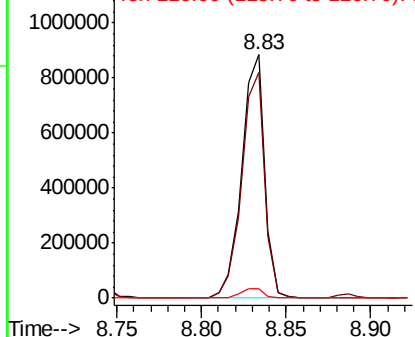


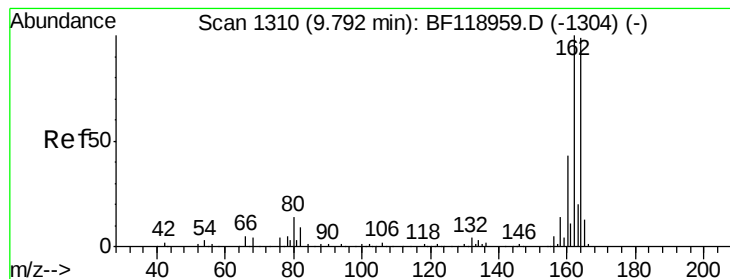
#38
1-Methylnaphthalene
Concen: 41.828 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.8	113.6
116	3.8	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# 1307

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampled :

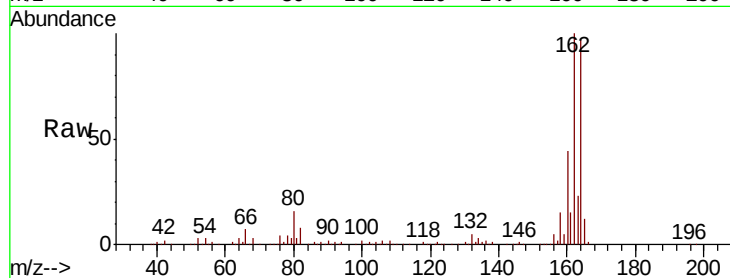
Tot Ion:164 Resp: 330257

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

160 45.2 36.0 54.0

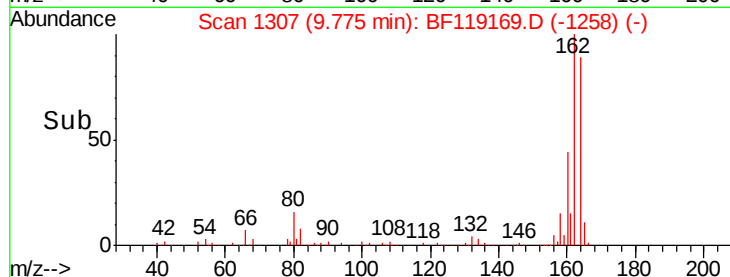
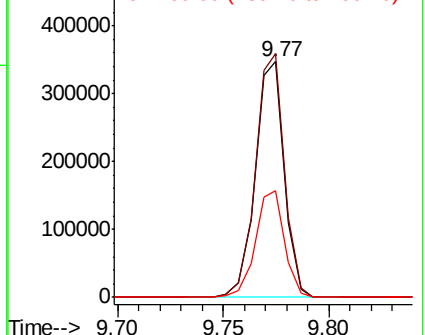


Abundance

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: 41.675 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Tgt Ion:216 Resp: 464052

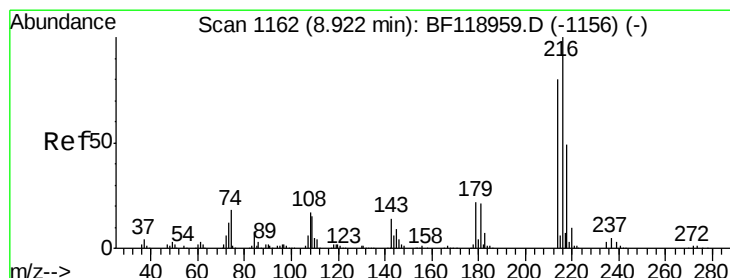
Ion Ratio Lower Upper

216 100

214 78.2 63.3 94.9

179 21.8 17.7 26.5

108 17.2 13.9 20.9



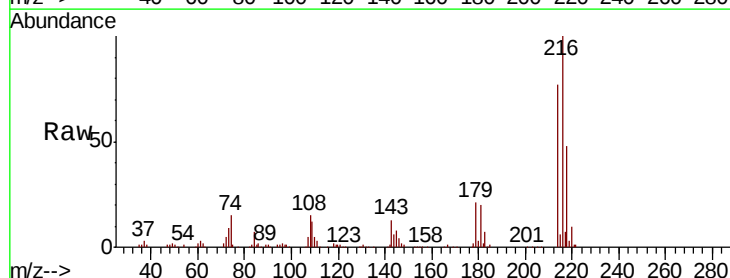
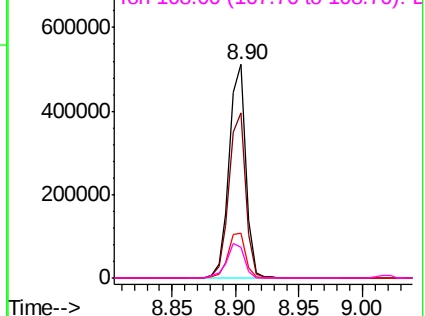
Abundance

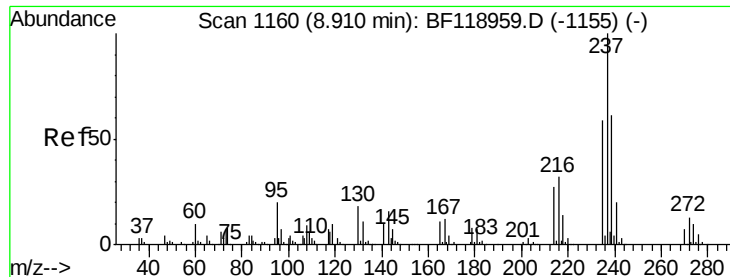
Ion 216.00 (215.70 to 216.70): E

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: 33.003 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

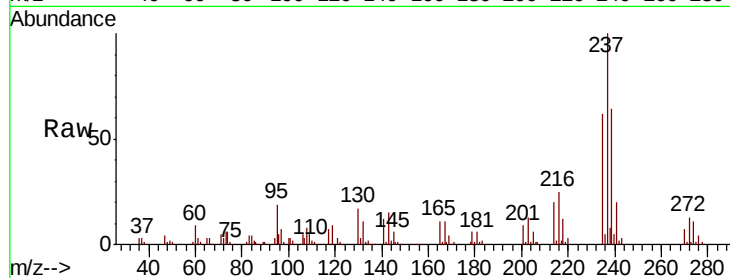
Tot Ion:237 Resp: 108419

Ion Ratio Lower Upper

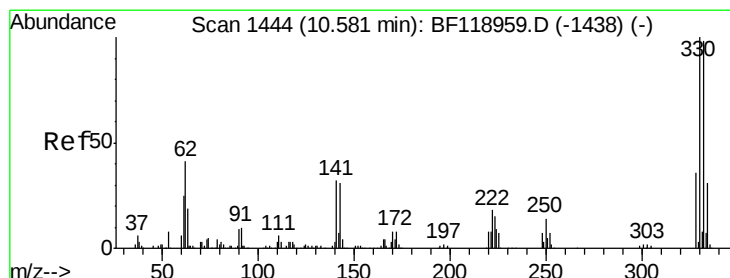
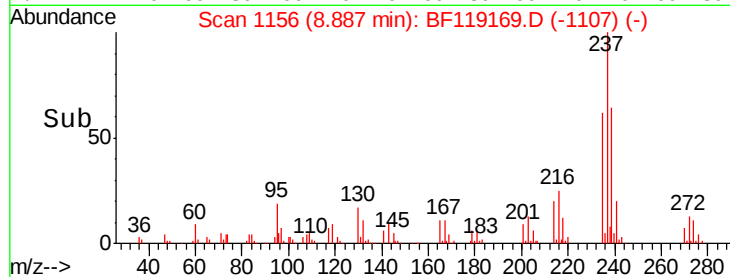
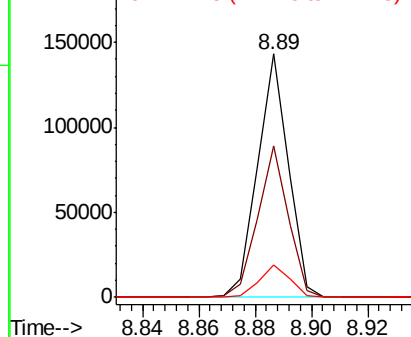
237 100

235 62.3 42.3 82.3

272 13.1 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: 84.229 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

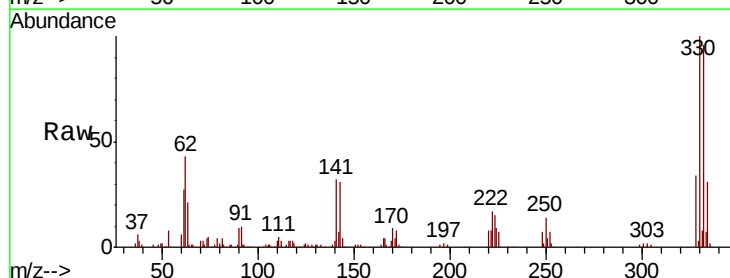
Tgt Ion:330 Resp: 363894

Ion Ratio Lower Upper

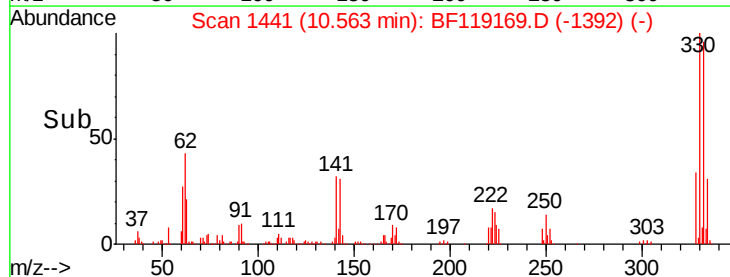
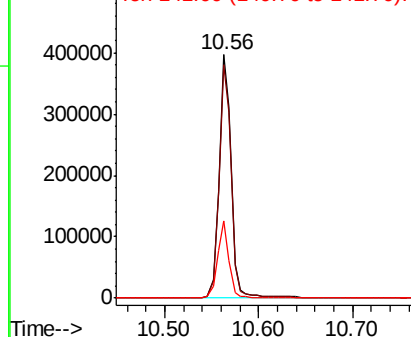
330 100

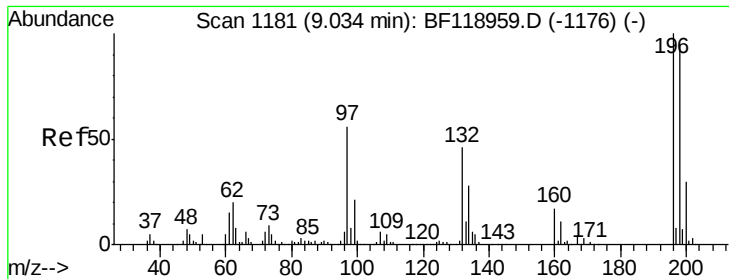
332 96.9 76.0 114.0

141 29.9 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

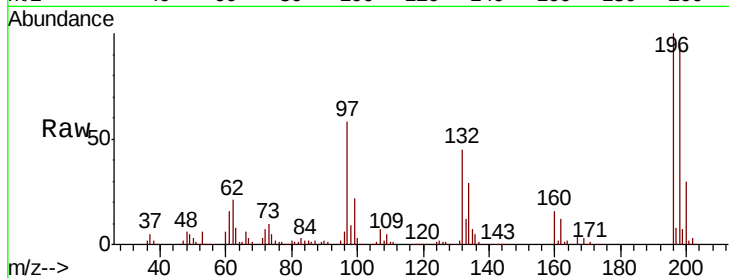




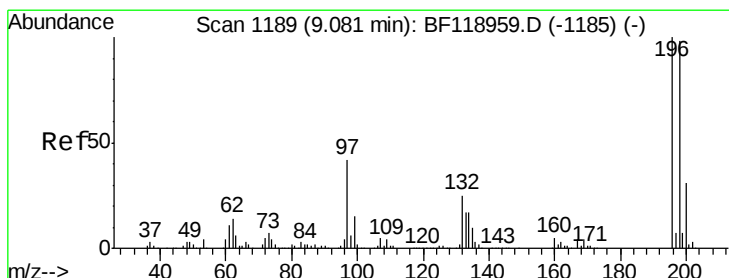
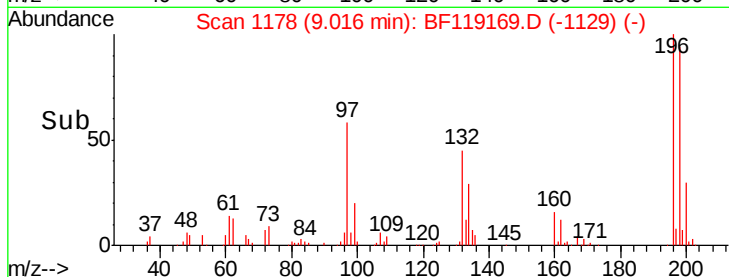
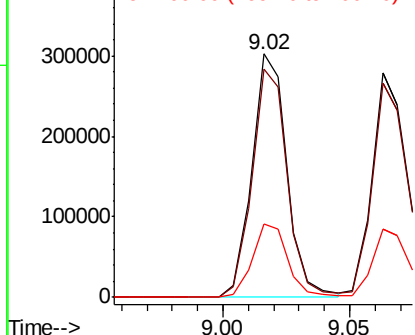
#43
 2,4,6-Trichlorophenol
 Concen: 41.467 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 291577
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.1 115.7
 200 30.2 25.0 37.6

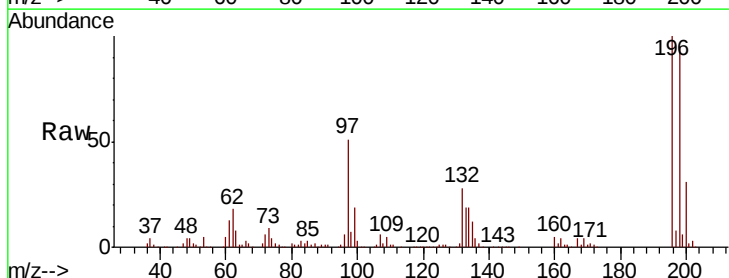


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

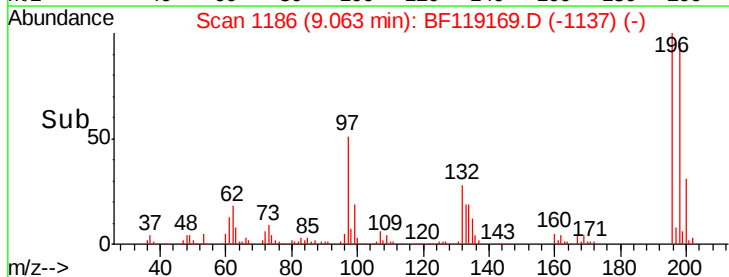
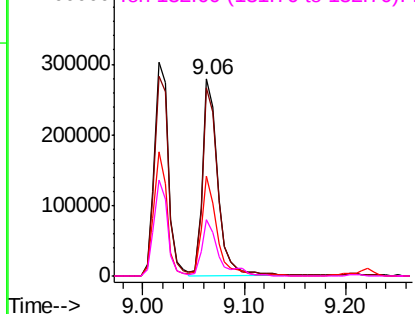


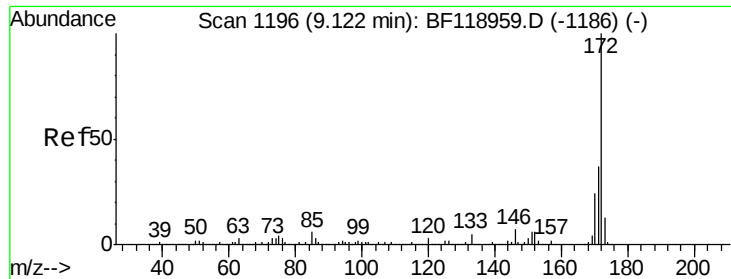
#44
 2,4,5-Trichlorophenol
 Concen: 39.838 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:196 Resp: 293954
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.8 115.2
 97 50.8 38.5 57.7
 132 28.4 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

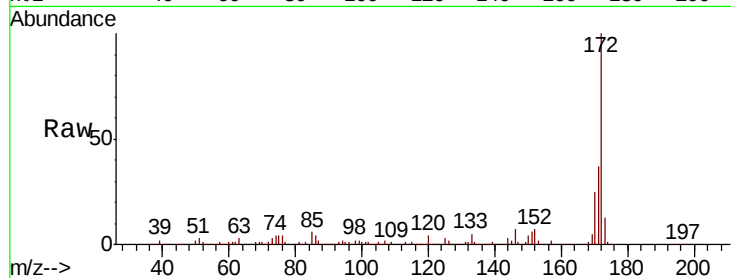




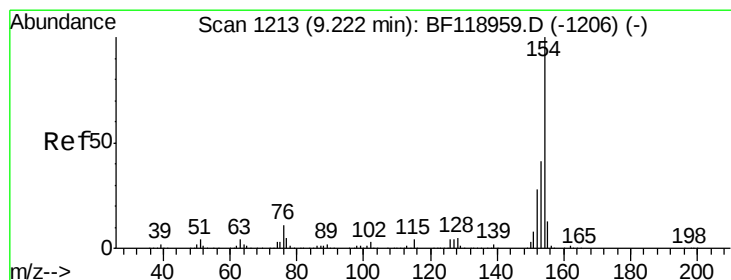
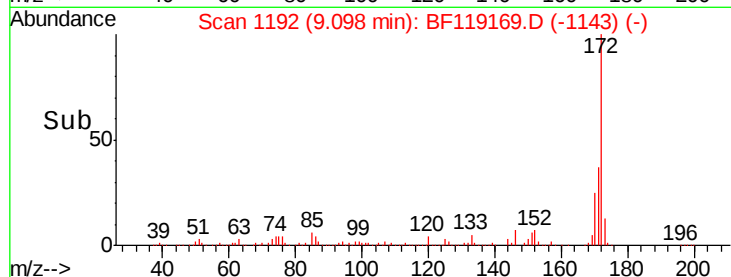
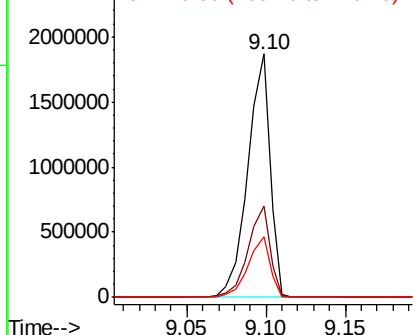
#45
2-Fluorobiphenyl
Concen: 81.375 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1824263
Ion Ratio Lower Upper
172 100
171 37.3 30.6 45.8
170 24.9 20.2 30.2

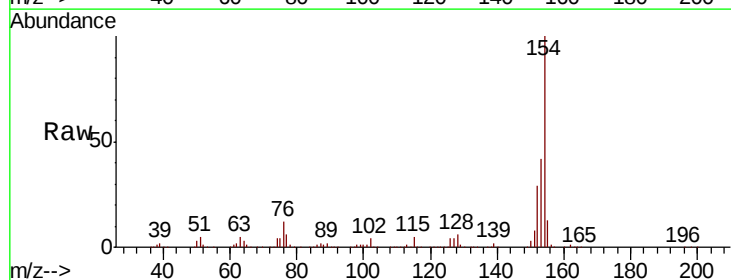


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

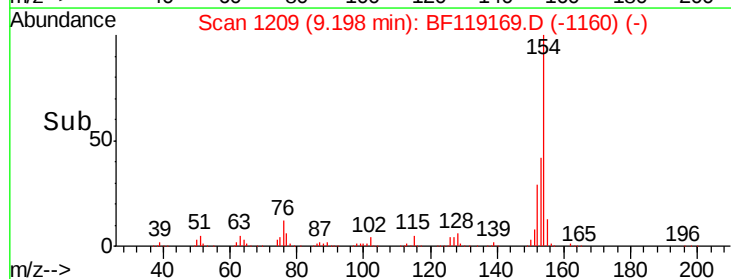
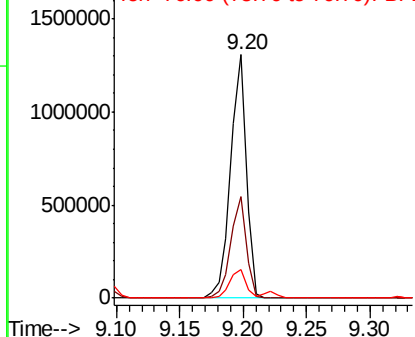


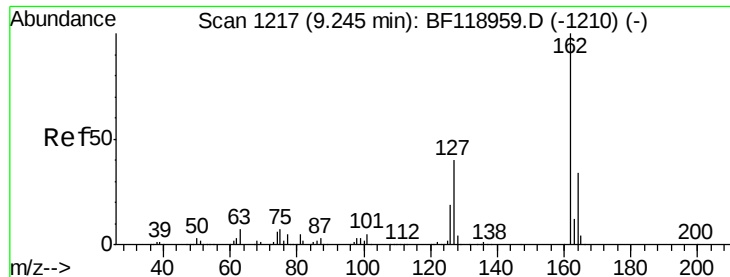
#46
1,1'-Biphenyl
Concen: 42.125 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:154 Resp: 1124379
Ion Ratio Lower Upper
154 100
153 41.6 22.8 62.8
76 11.6 0.0 32.2



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

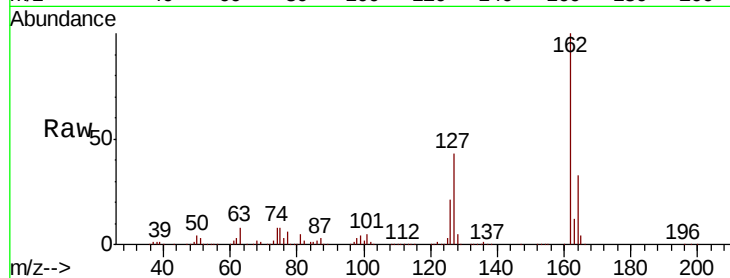




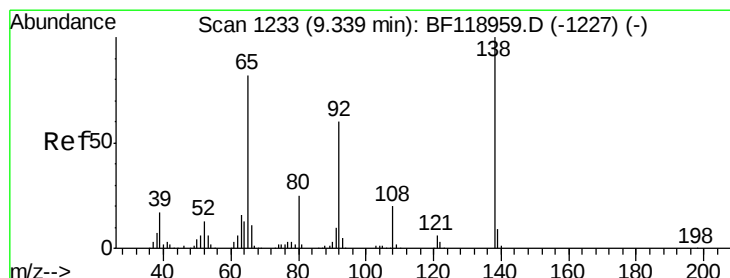
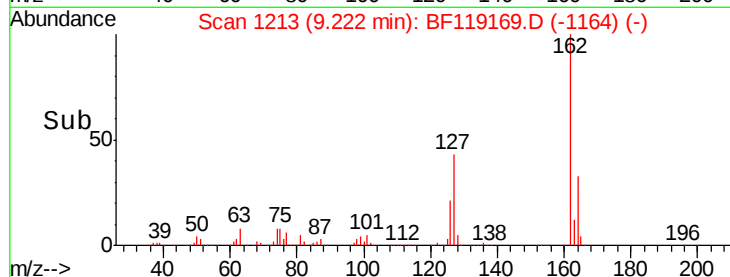
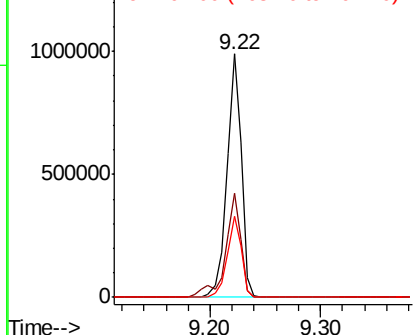
#47
 2-Chloronaphthalene
 Concen: 41.811 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 899322
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.0 52.4
 164 33.3 27.2 40.8

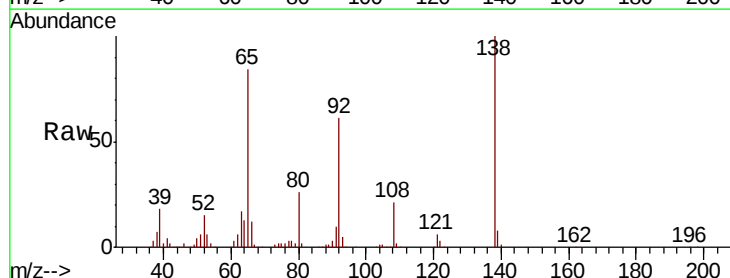


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

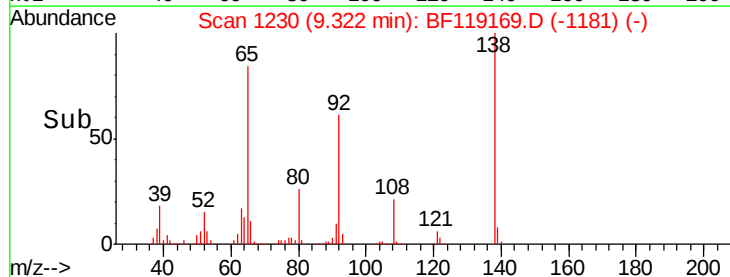
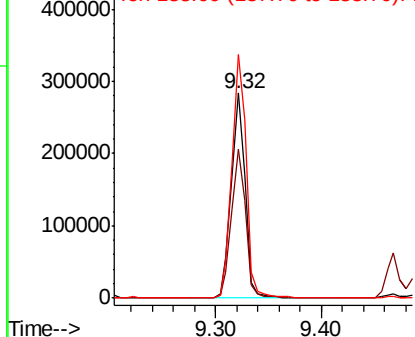


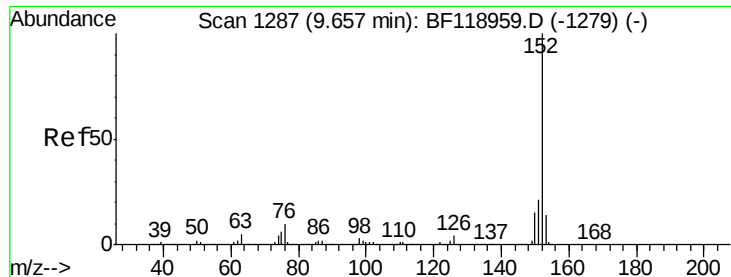
#48
 2-Nitroaniline
 Concen: 42.953 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion: 65 Resp: 257689
 Ion Ratio Lower Upper
 65 100
 92 72.6 58.2 87.2
 138 118.7 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: 41.762 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

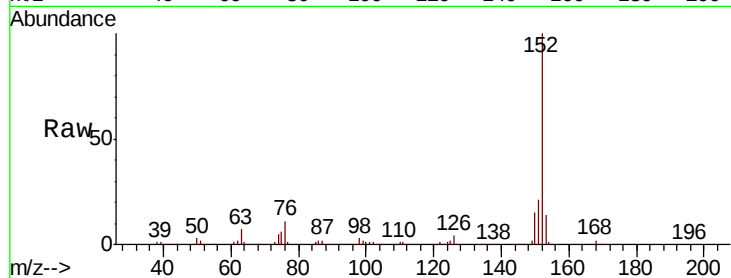
Tot Ion:152 Resp: 1297387

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

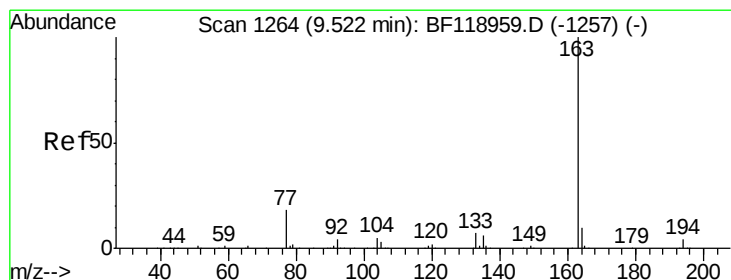
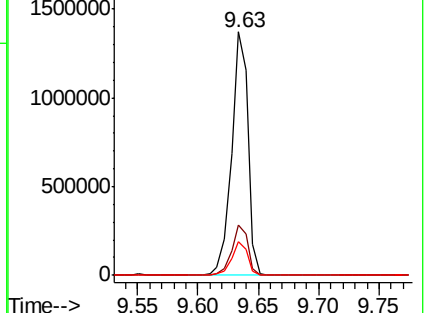
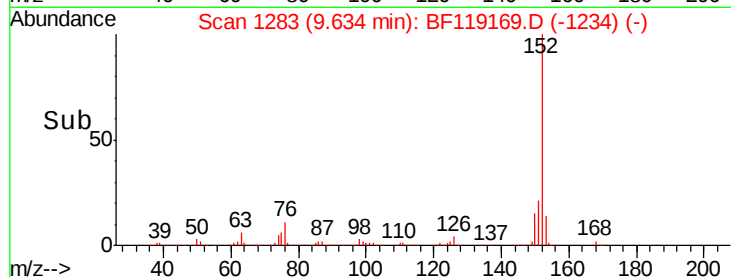
153 13.6 11.0 16.6



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: 42.785 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

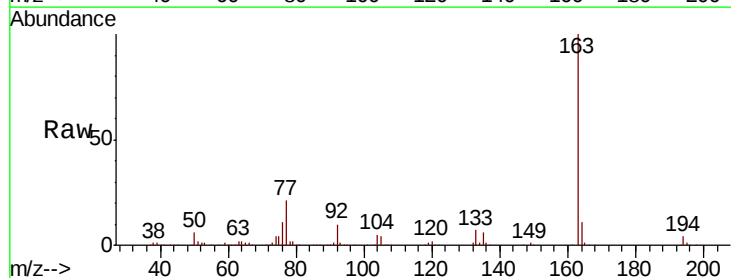
Tgt Ion:163 Resp: 1080506

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

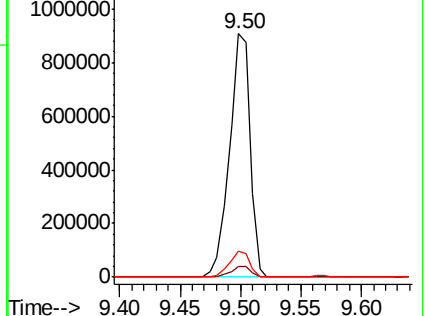
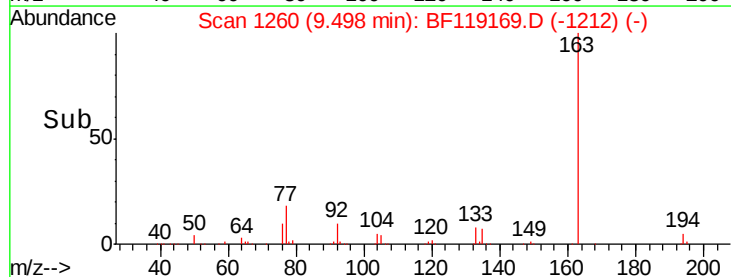
164 10.5 8.4 12.6

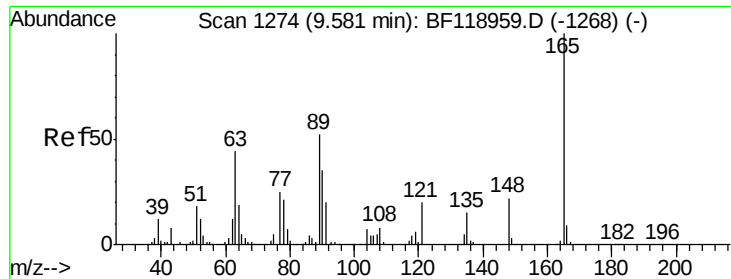


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.386 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

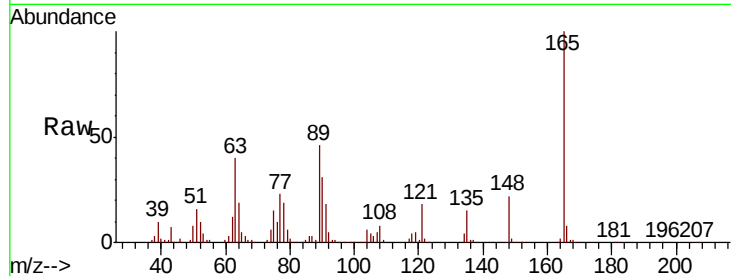
Tot Ion:165 Resp: 237819

Ion Ratio Lower Upper

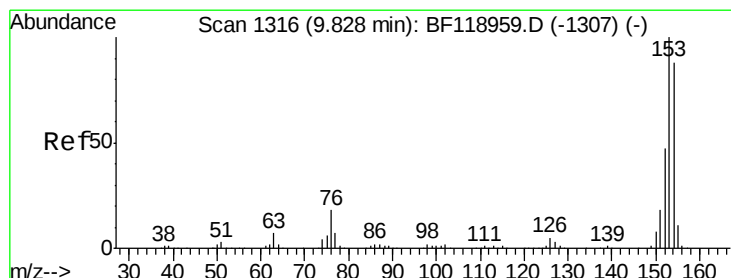
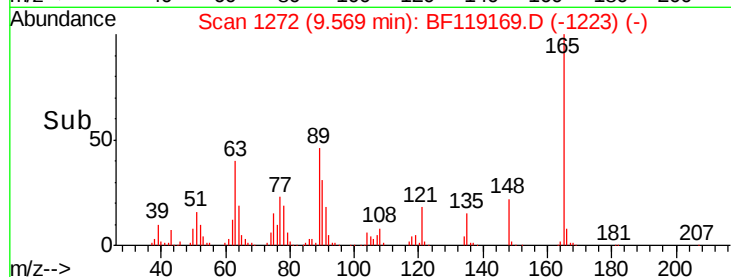
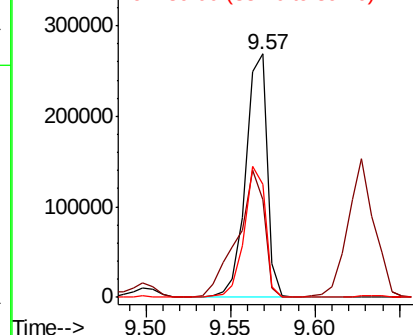
165 100

63 40.4 34.3 51.5

89 46.3 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: 42.227 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

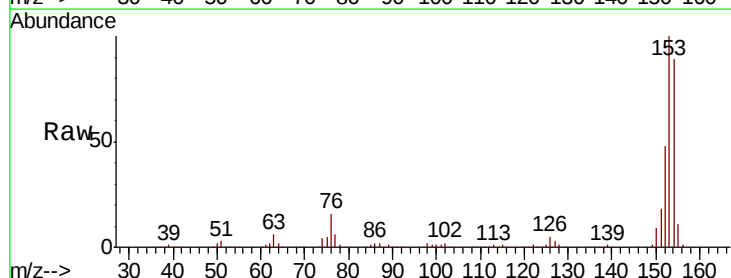
Tgt Ion:154 Resp: 790999

Ion Ratio Lower Upper

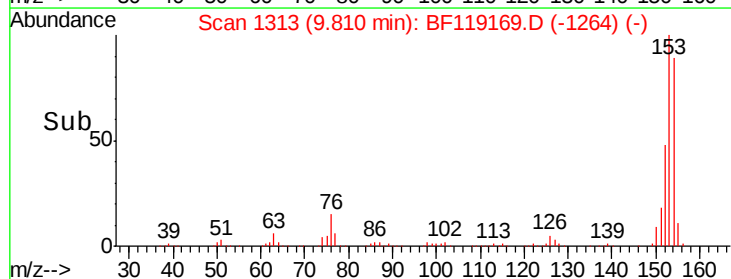
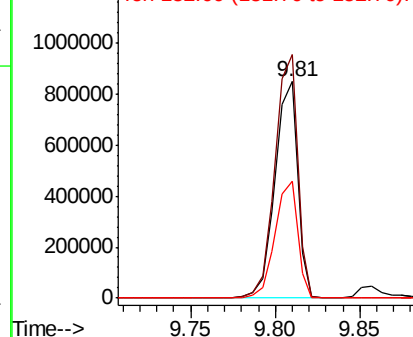
154 100

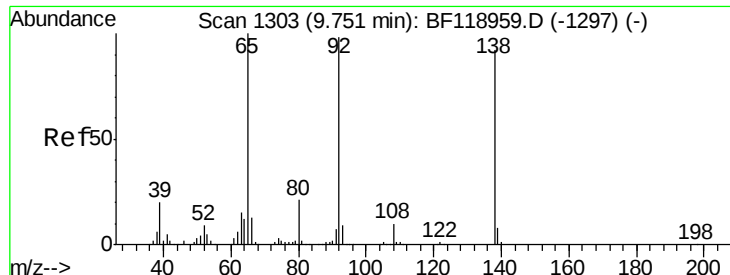
153 112.6 90.3 135.5

152 54.1 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

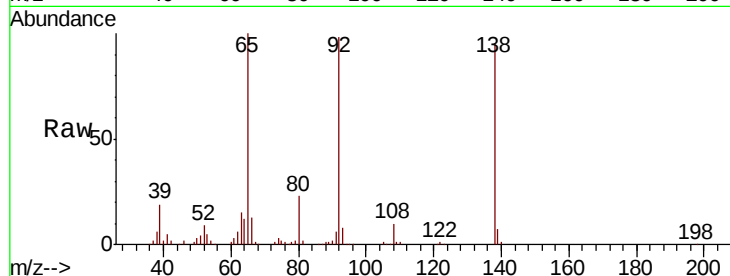




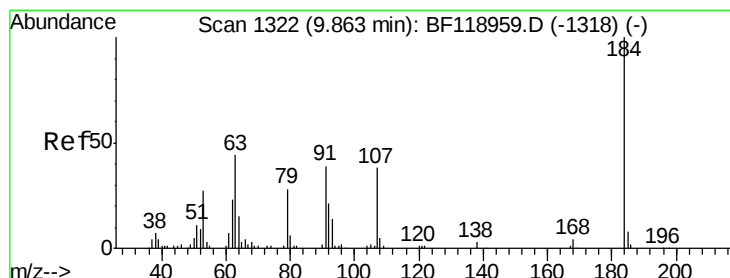
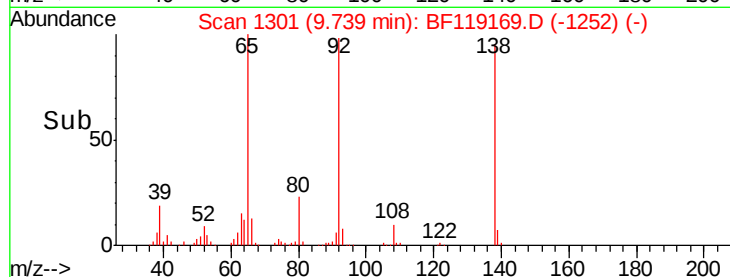
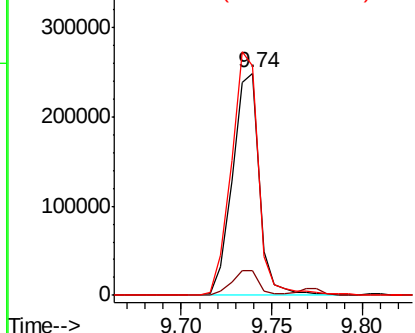
#53
3-Nitroaniline
Concen: 41.325 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 257048
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 103.3 84.8 127.2

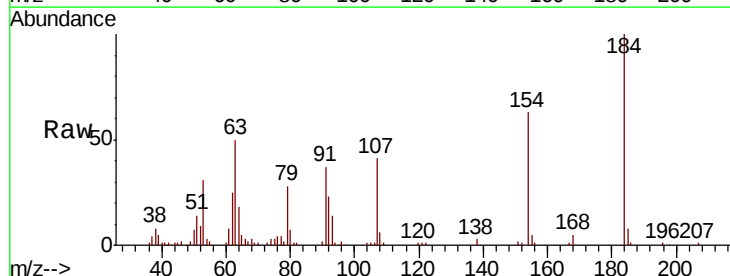


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

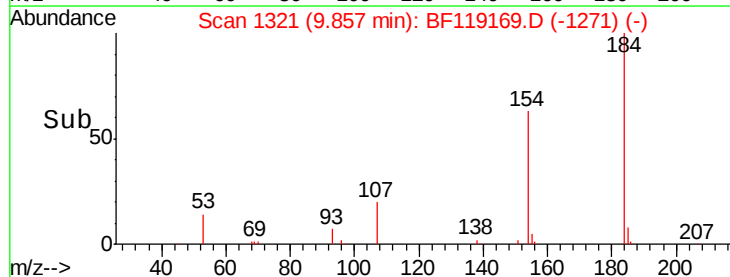
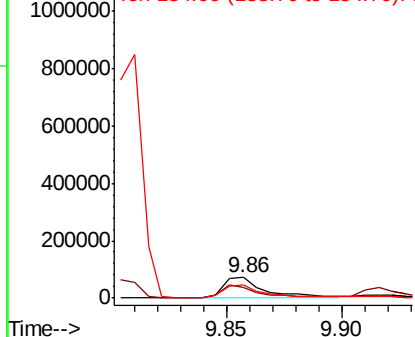


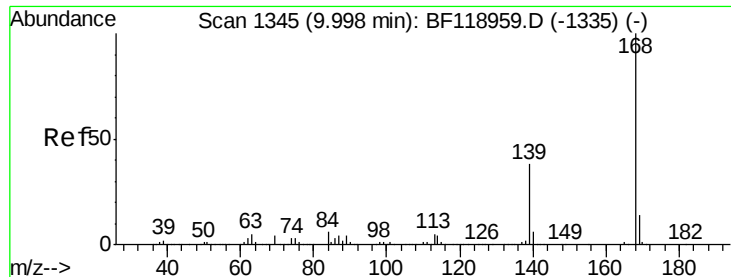
#54
2,4-Dinitrophenol
Concen: 38.329 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:184 Resp: 92807
Ion Ratio Lower Upper
184 100
63 50.1 38.7 58.1
154 63.1 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

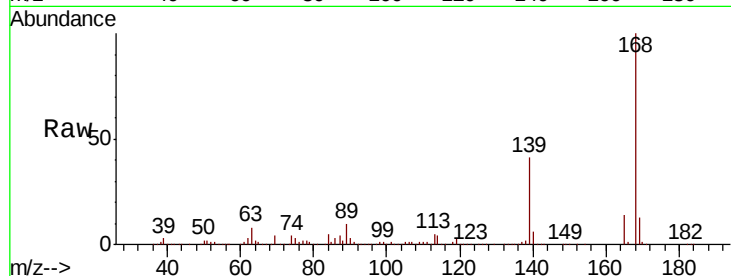




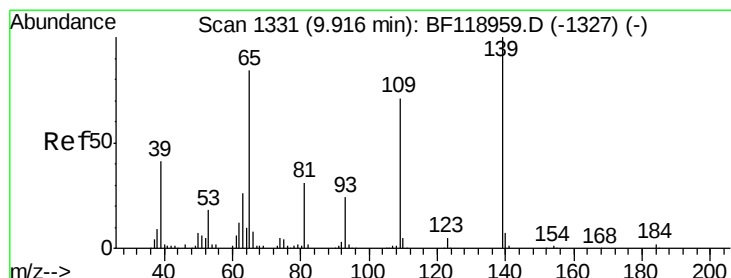
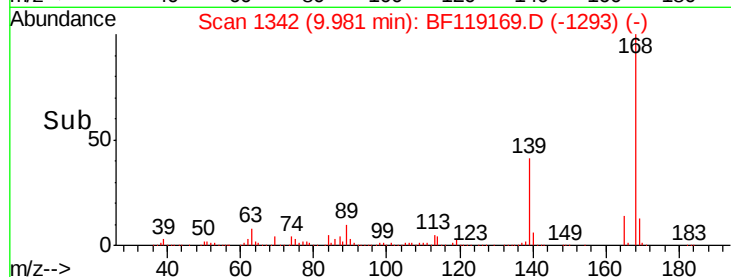
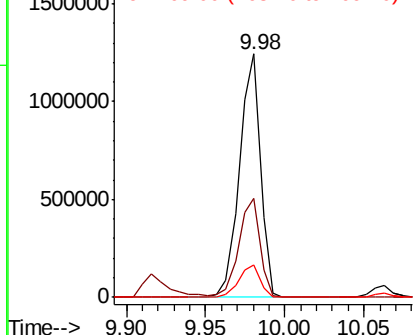
#55
Dibenzofuran
Concen: 40.809 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1141004
Ion Ratio Lower Upper
168 100
139 40.5 34.0 51.0
169 13.4 11.0 16.4

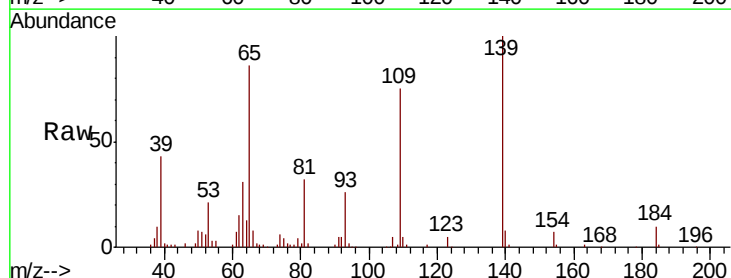


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

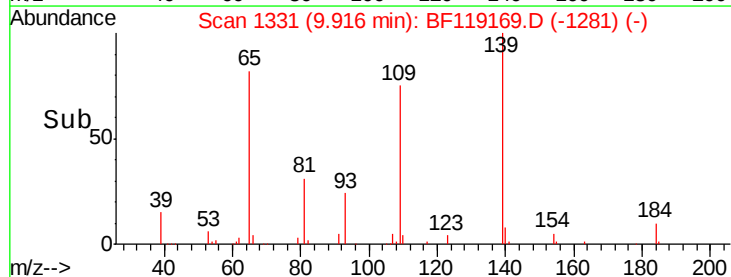
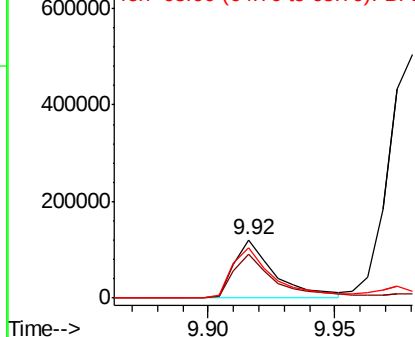


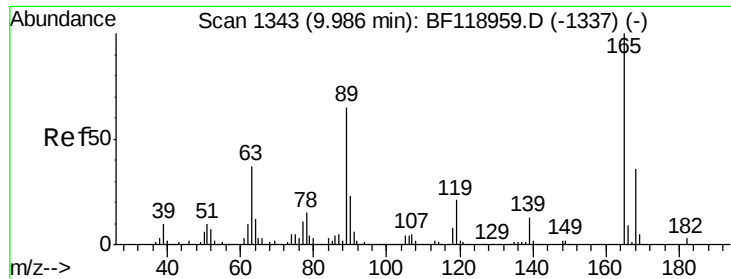
#56
4-Nitrophenol
Concen: 36.281 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:139 Resp: 135588
Ion Ratio Lower Upper
139 100
109 75.5 56.7 96.7
65 85.9 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

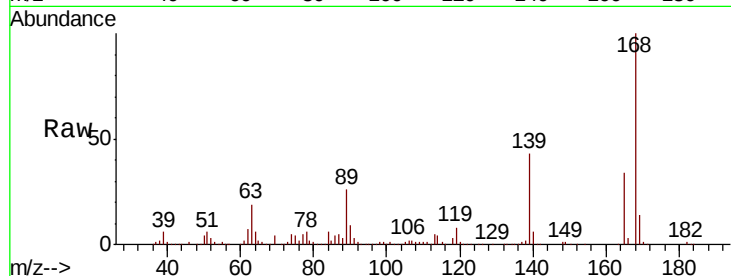




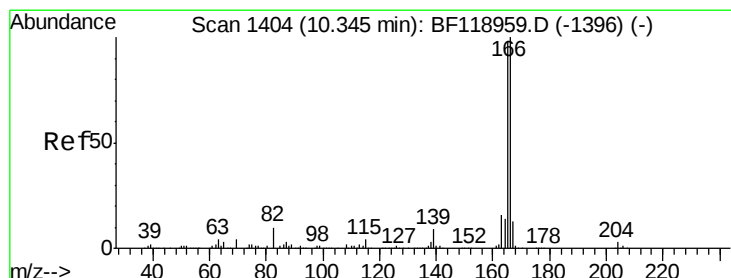
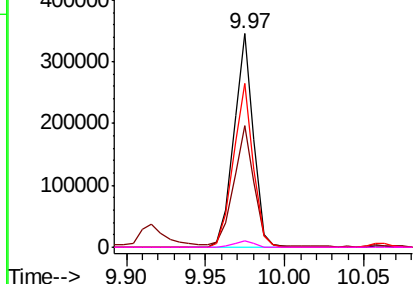
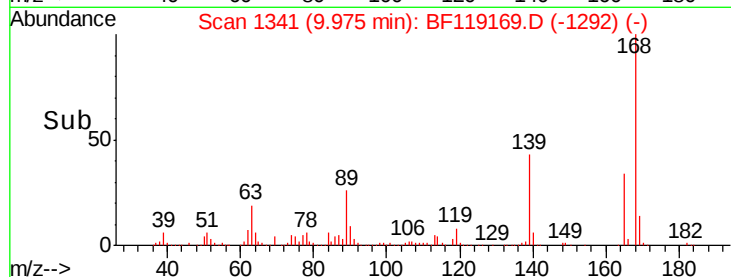
#57
2,4-Dinitrotoluene
Concen: 40.419 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	293948
Ion Ratio	Lower	Upper
165	100	
63	57.0	42.3 63.5
89	77.0	60.2 90.4
182	2.9	2.3 3.5

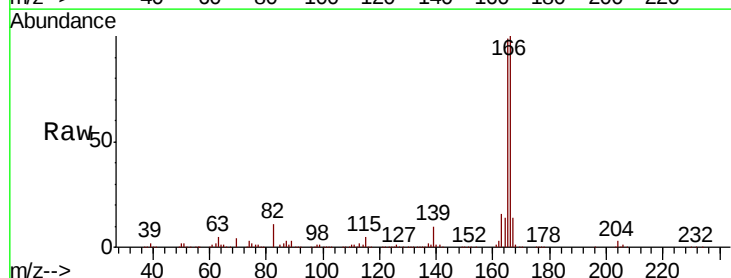


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

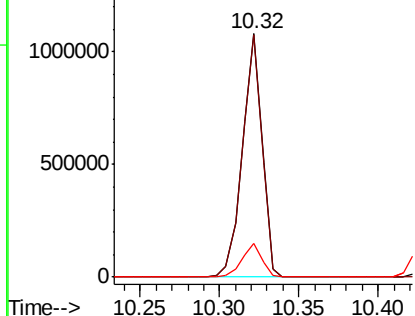
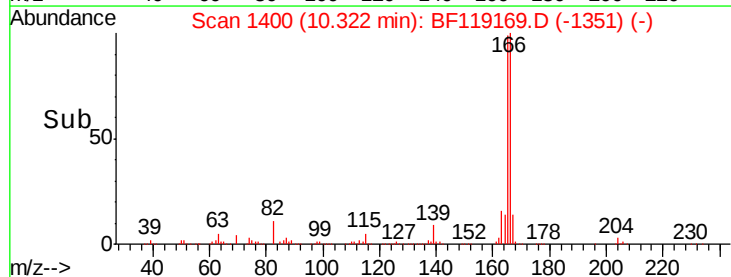


#58
Fluorene
Concen: 42.681 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:166	Resp:	927287
Ion Ratio	Lower	Upper
166	100	
165	99.4	78.5 117.7
167	13.6	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

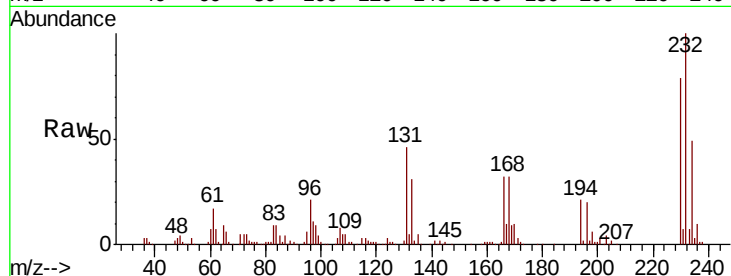




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.048 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	33.8	50.8
130	2.2	1.8	2.6
166	29.9	23.0	34.4



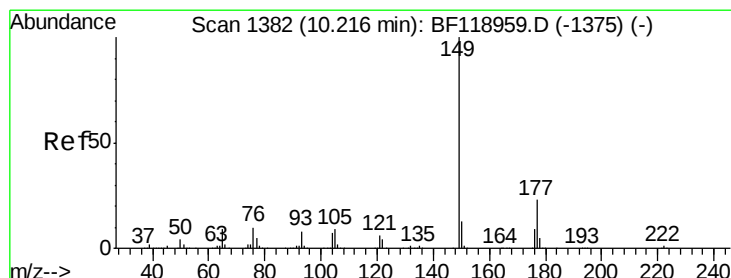
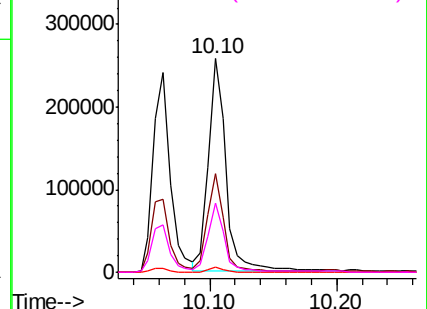
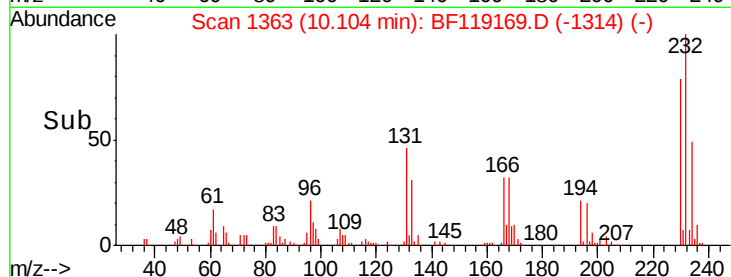
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

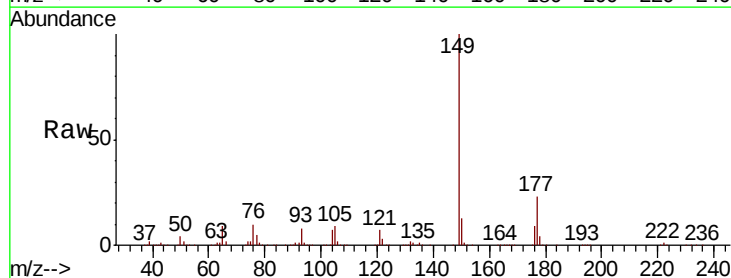
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.100 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.9	10.5	15.7

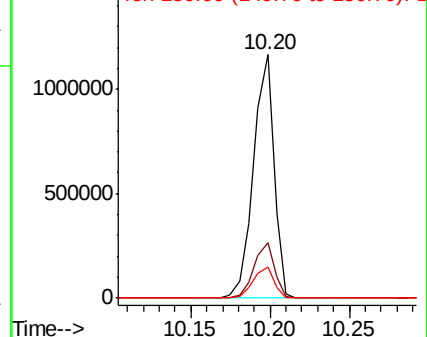
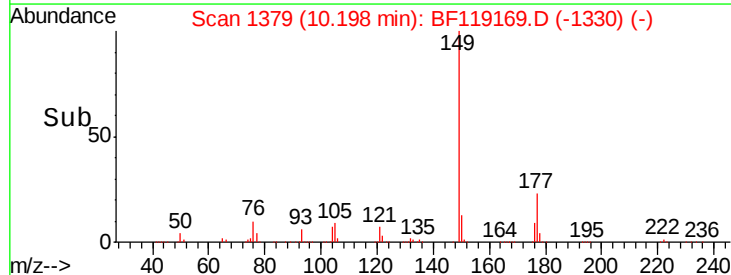


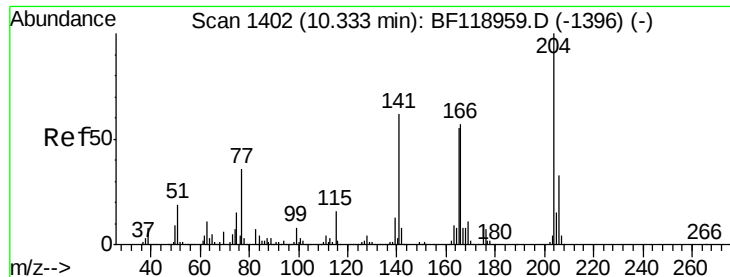
Abundance

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

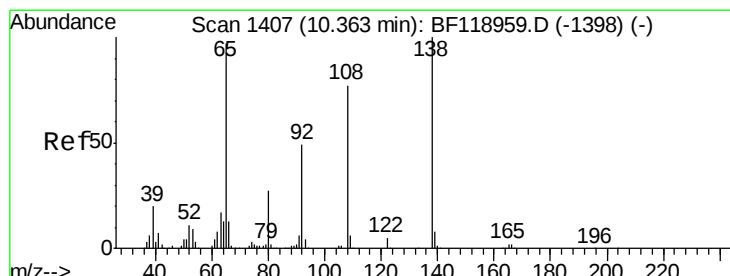
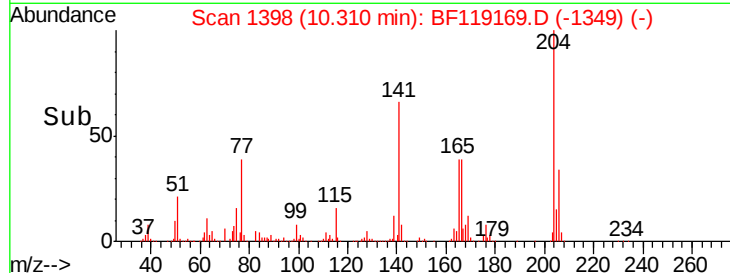
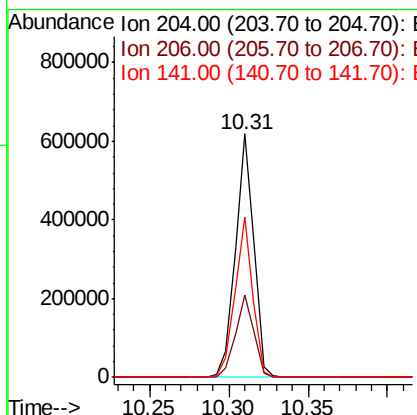
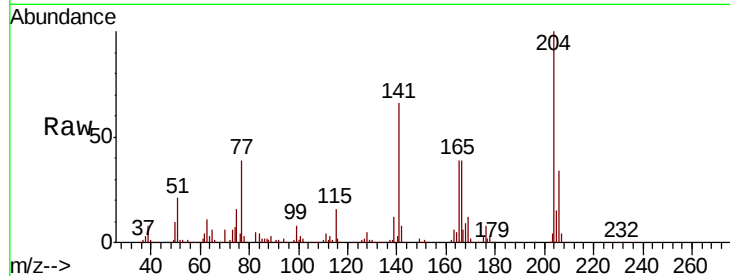




#61
 4-Chlorophenyl-phenylether
 Concen: 43.233 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

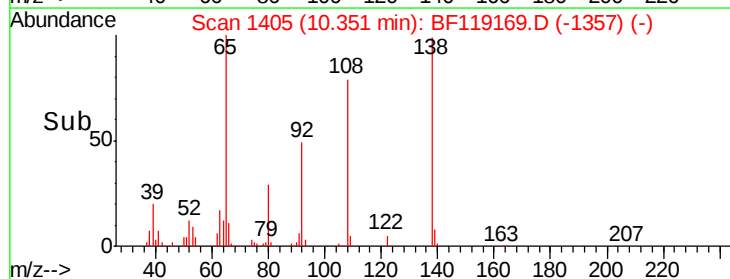
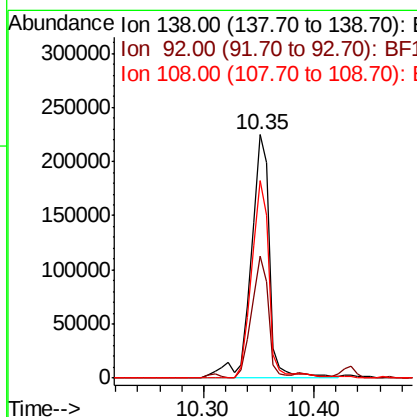
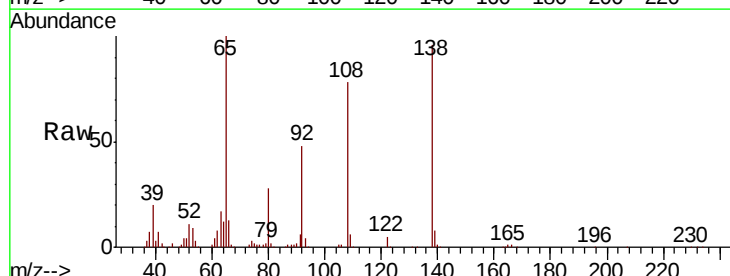
Instrument :
 BNA_F
 ClientSampled :

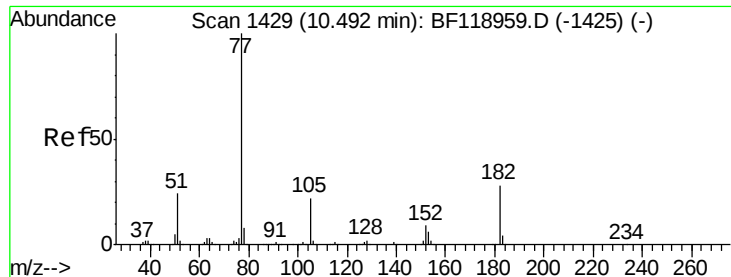
Tot Ion:	204	Resp:	497178
Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	65.9	52.9	79.3



#62
 4-Nitroaniline
 Concen: 41.631 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:	138	Resp:	264938
Ion	Ratio	Lower	Upper
138	100		
92	50.1	27.3	67.3
108	81.0	57.0	97.0





#63

Azobenzene

Concen: 43.876 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 907636

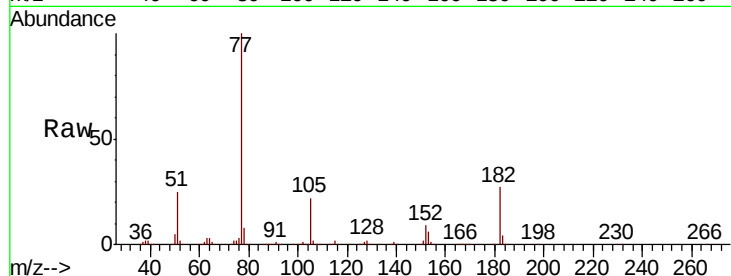
Ion Ratio Lower Upper

77 100

182 27.2 11.4 51.4

105 21.9 3.4 43.4

51 25.4 5.1 45.1

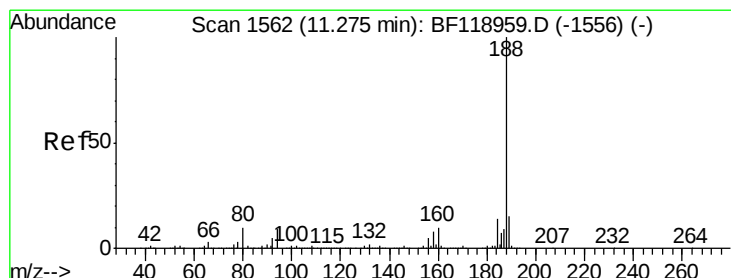
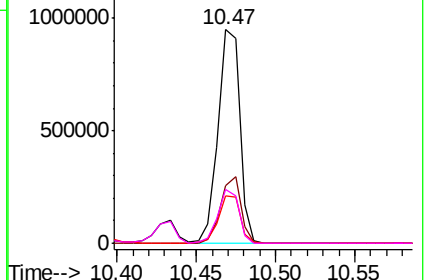
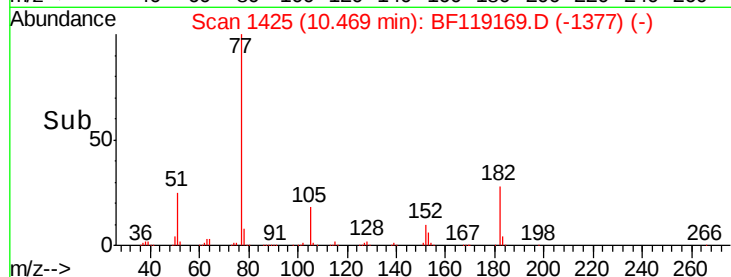


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

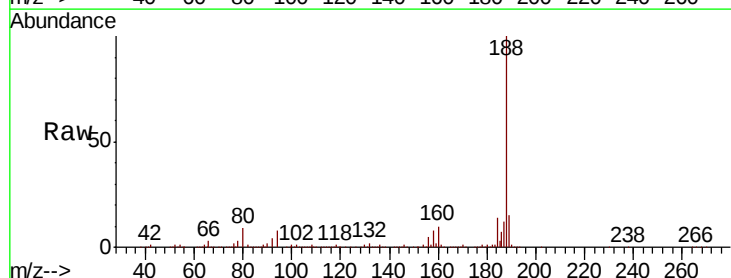
Tgt Ion: 188 Resp: 610578

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

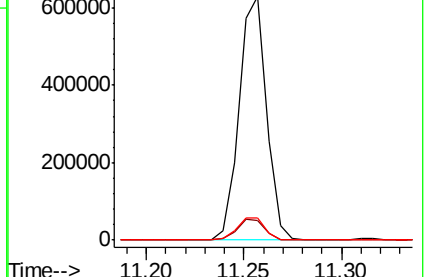
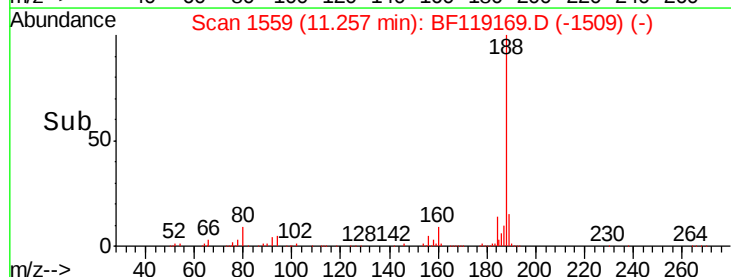
80 9.0 7.8 11.8

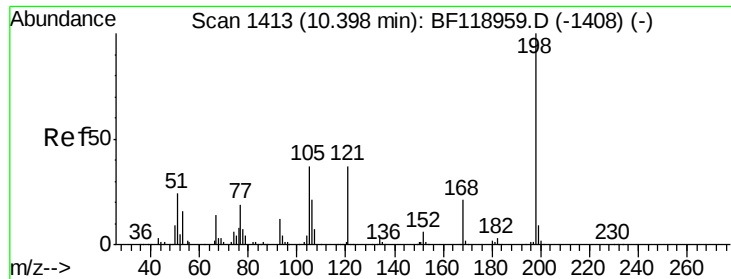


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.978 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

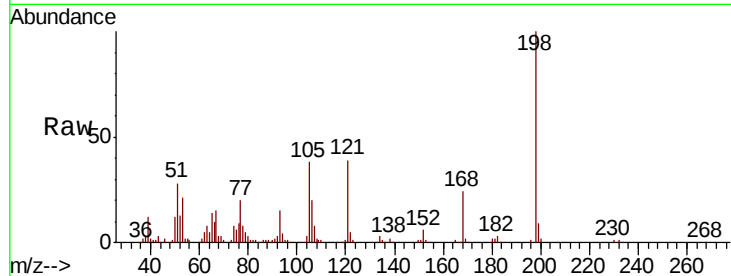
Tot Ion:198 Resp: 155096

Ion Ratio Lower Upper

198 100

51 28.4 14.2 54.2

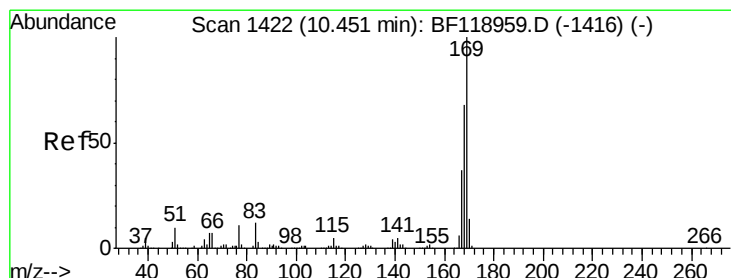
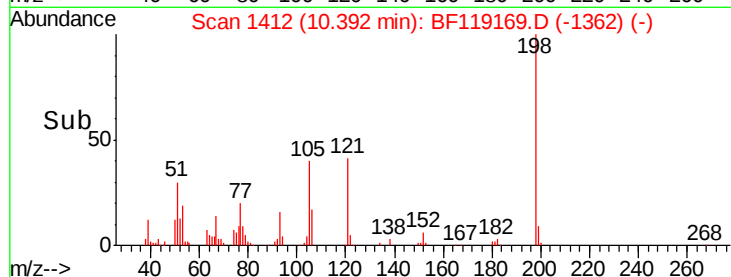
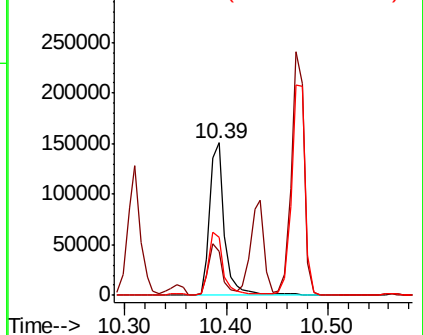
105 38.2 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.081 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

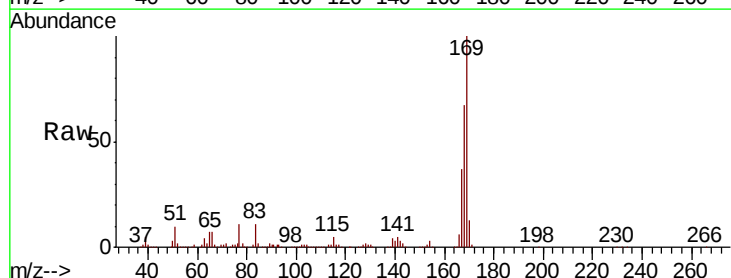
Tgt Ion:169 Resp: 841302

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

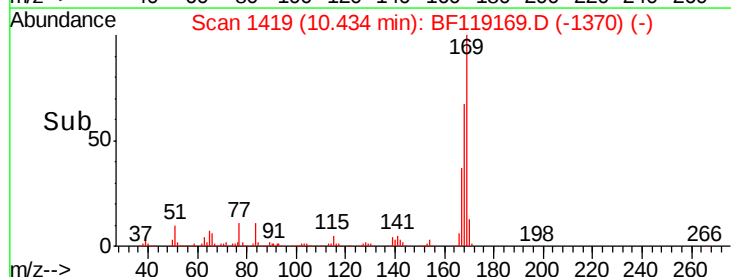
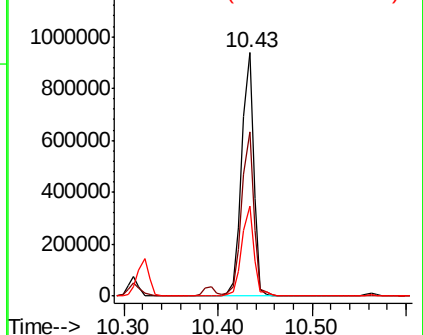
167 36.8 29.4 44.0

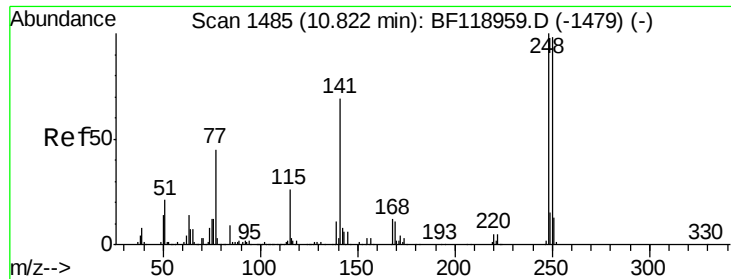


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

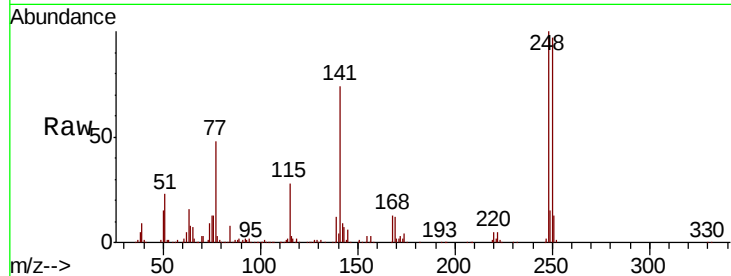




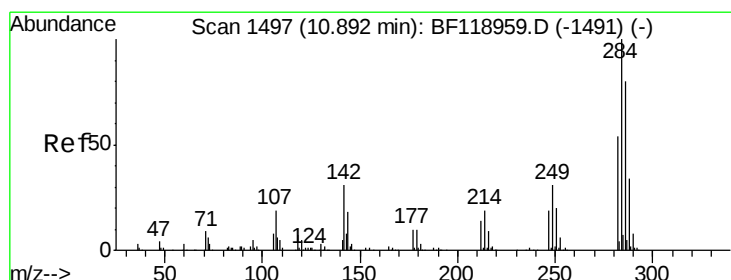
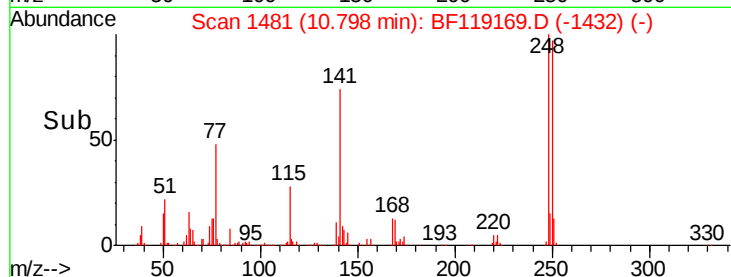
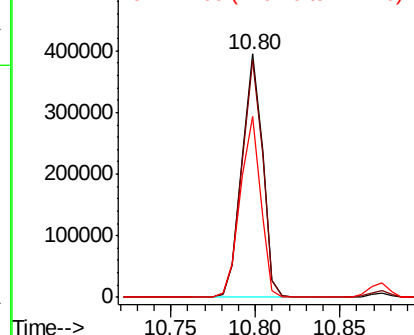
#67
4-Bromophenyl-phenylether
Concen: 42.316 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 337729
Ion Ratio Lower Upper
248 100
250 97.5 76.7 115.1
141 74.2 60.7 91.1

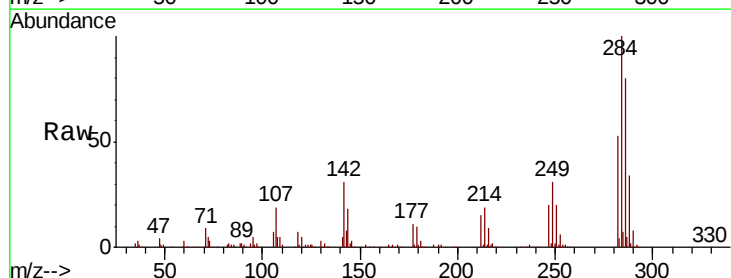


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

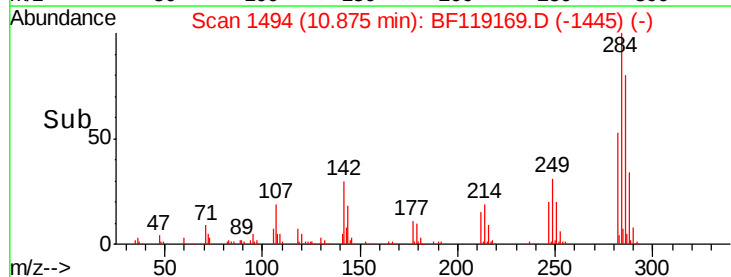
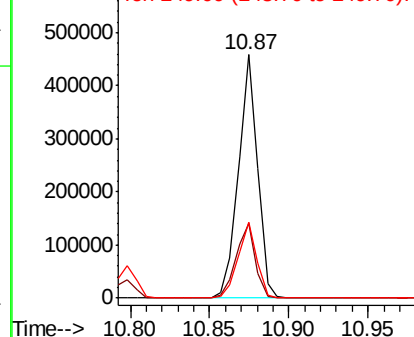


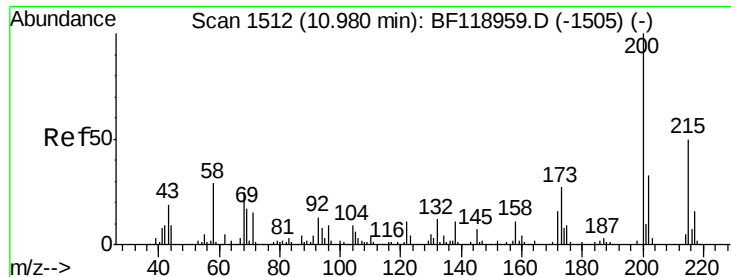
#68
Hexachlorobenzene
Concen: 41.736 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:284 Resp: 384046
Ion Ratio Lower Upper
284 100
142 30.6 23.7 35.5
249 31.0 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

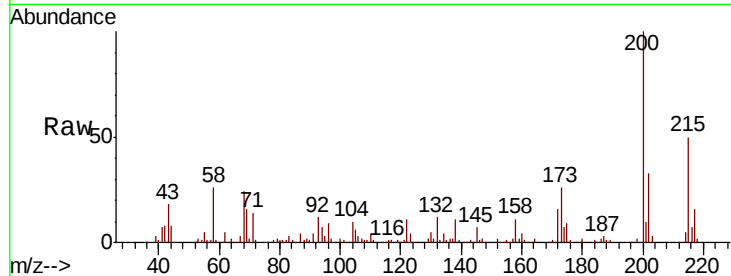




#69
Atrazine
Concen: 37.851 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.4	46.4
215	50.0	27.4	67.4

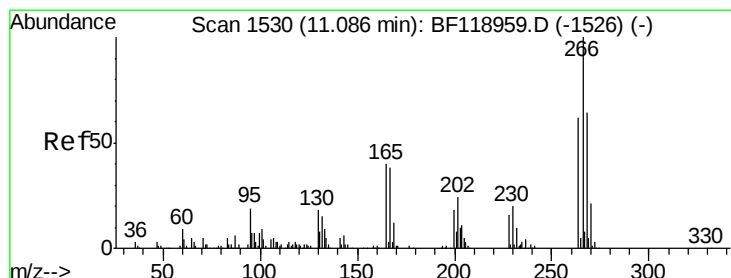
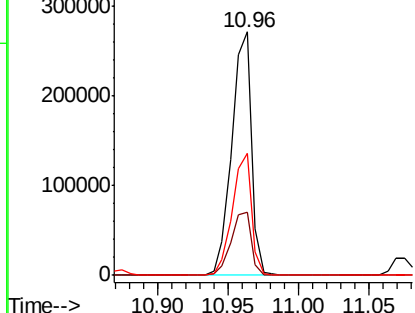
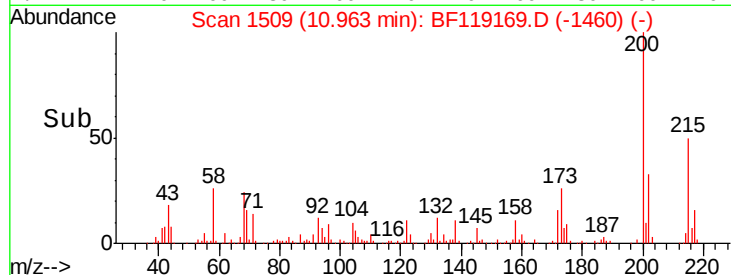


Abundance

Ion 200.00 (199.70 to 200.70): E

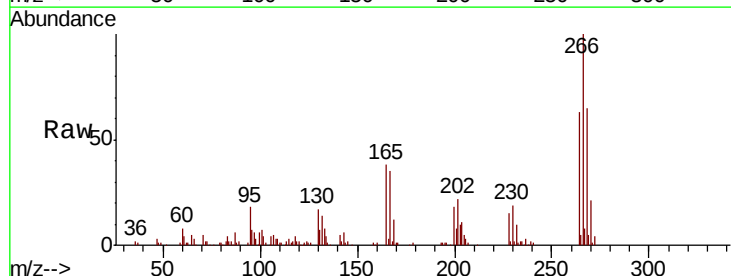
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 38.367 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.9	77.9
264	63.1	51.0	76.4

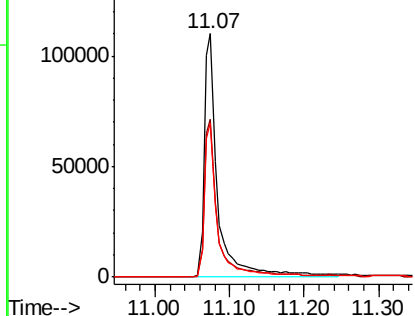
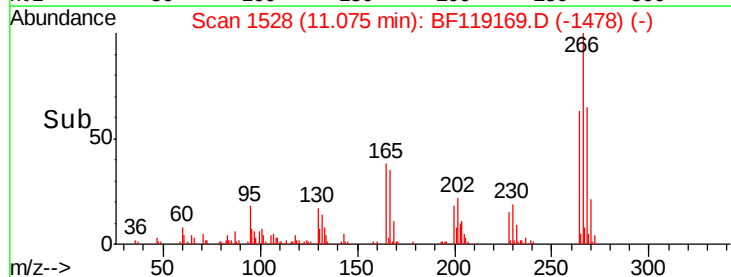


Abundance

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

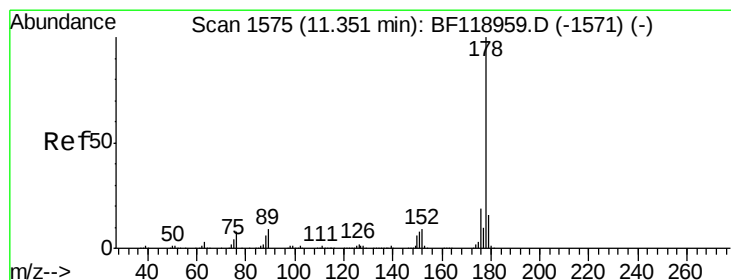
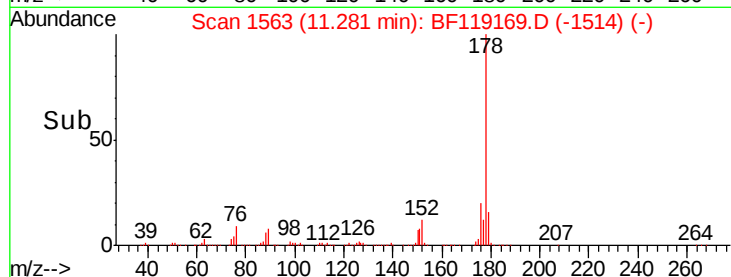
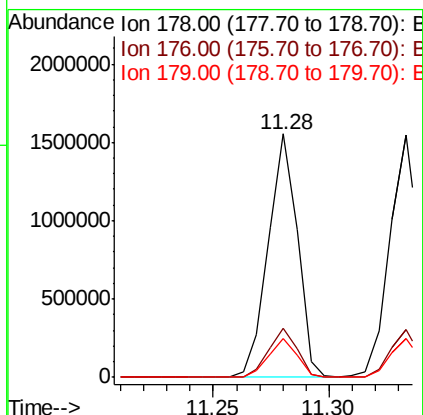
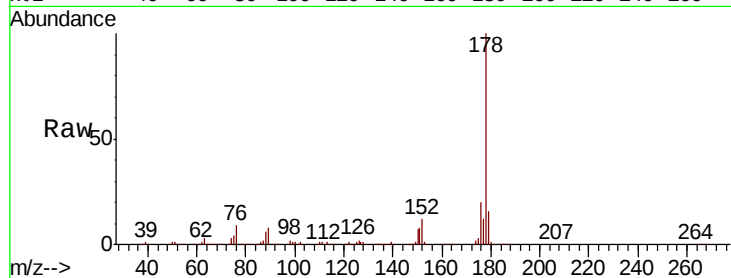




#71
Phenanthrene
Concen: 41.103 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

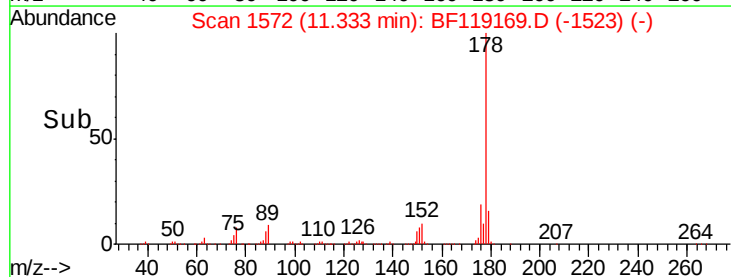
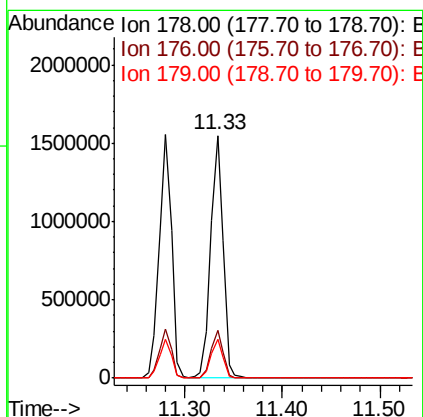
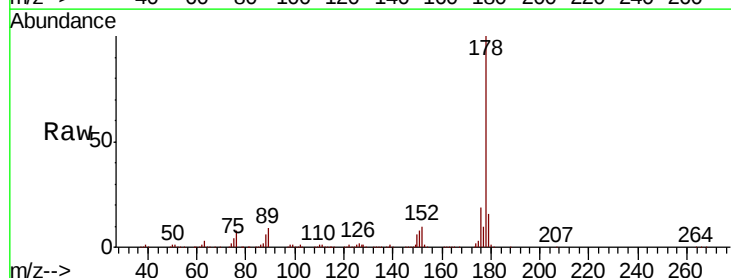
Instrument :
BNA_F
ClientSampleId :

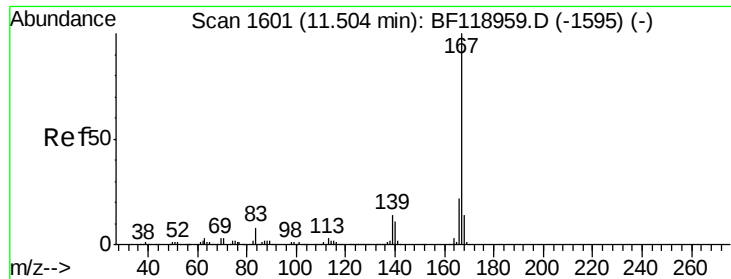
Tot Ion:178 Resp: 1368652
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.8 13.0 19.6



#72
Anthracene
Concen: 41.417 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:178 Resp: 1377952
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.8 13.1 19.7

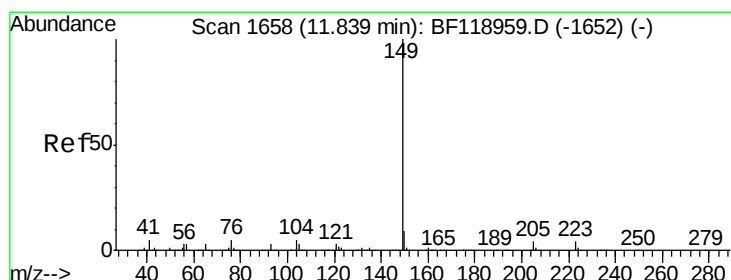
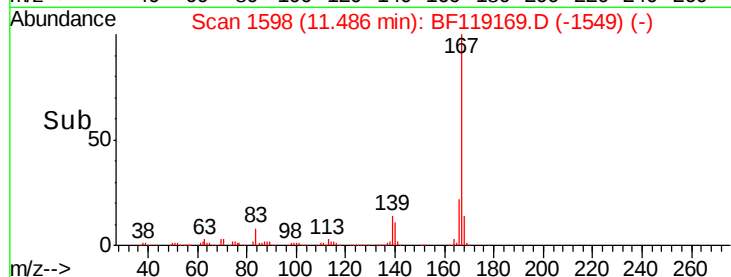
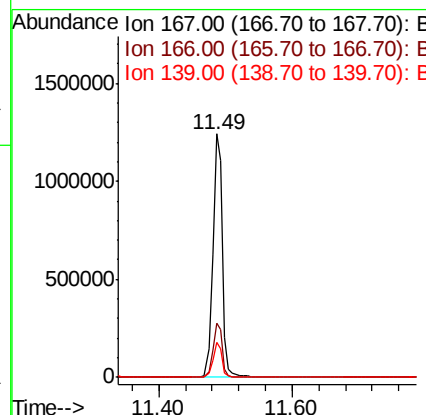
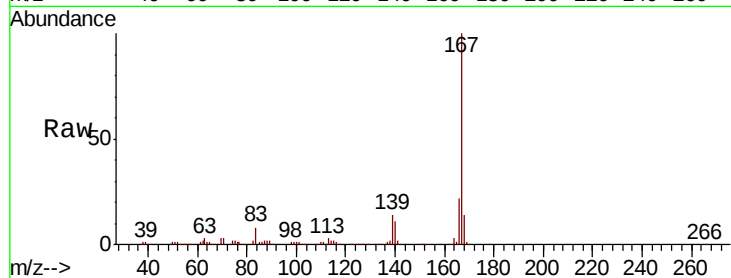




#73
 Carbazole
 Concen: 41.294 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

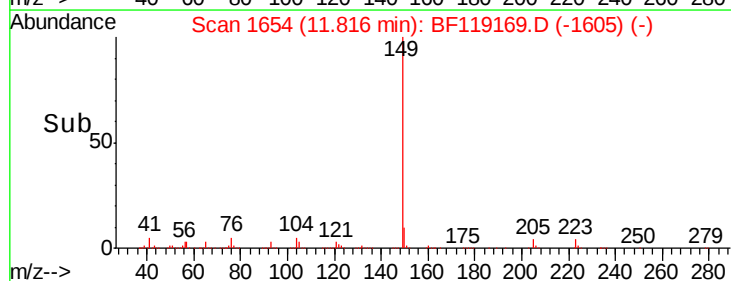
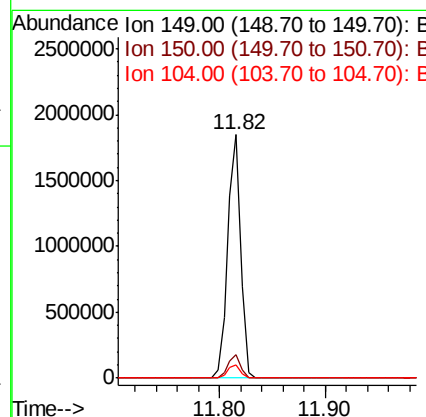
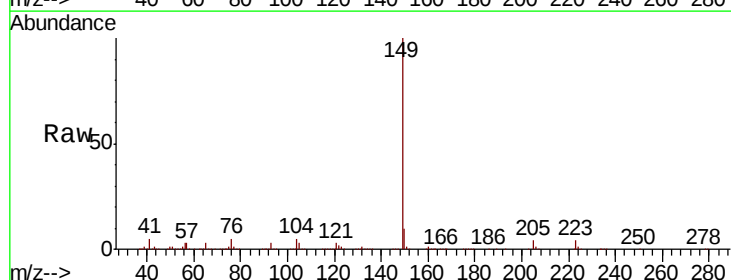
Instrument :
 BNA_F
 ClientSampleId :

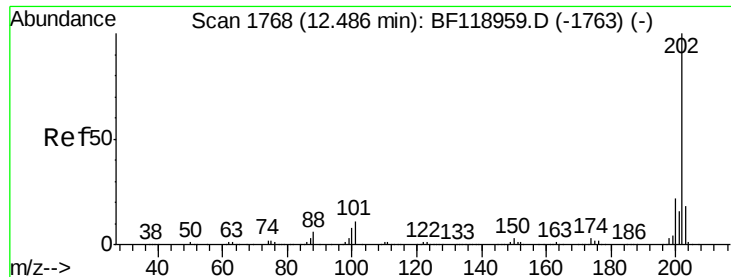
Tot Ion:167 Resp: 1223945
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 14.2 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 44.339 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:149 Resp: 1591484
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 5.3 4.6 6.8

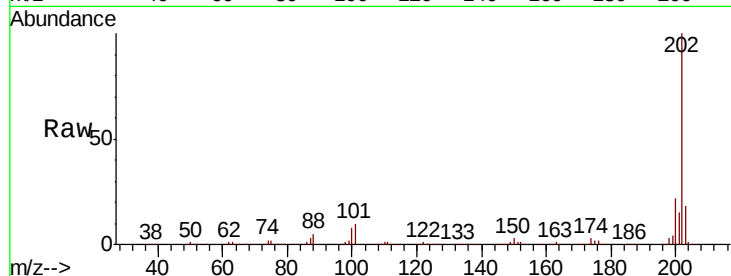




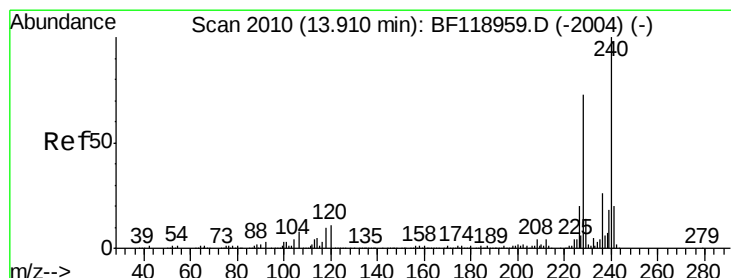
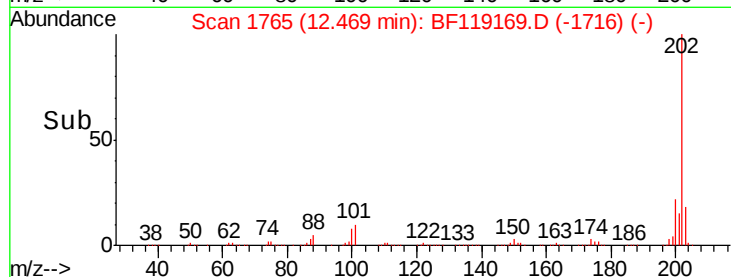
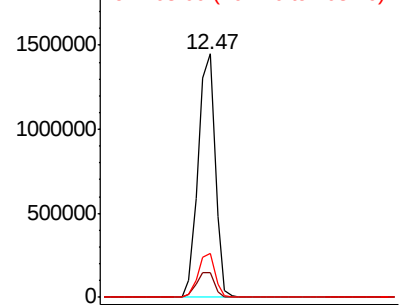
#75
Fluoranthene
Concen: 40.137 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1418622
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.3
203 17.8 0.0 38.4

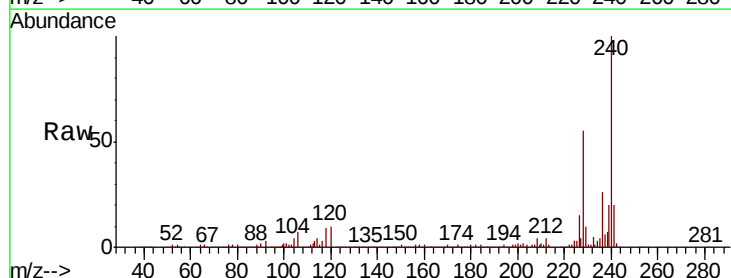


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

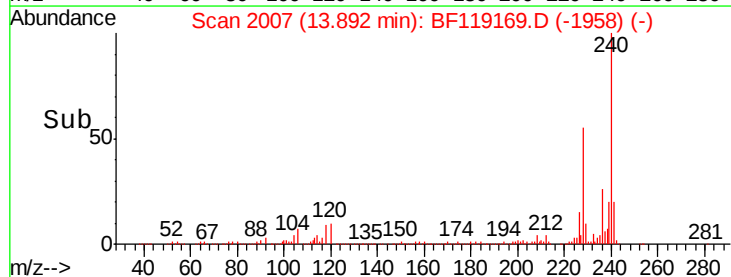
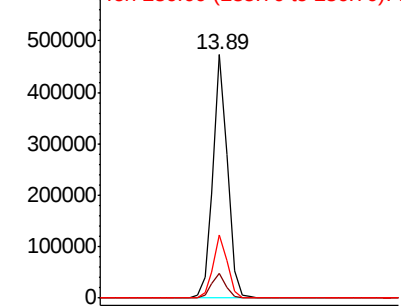


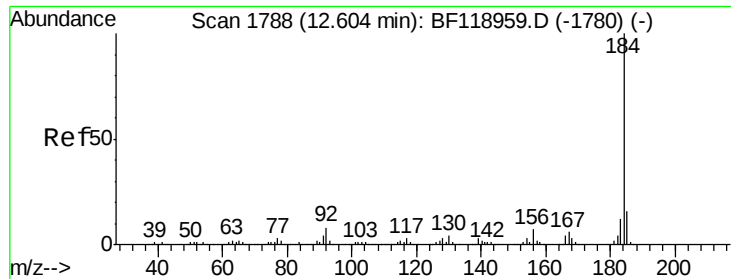
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:240 Resp: 377146
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
600000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.925 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

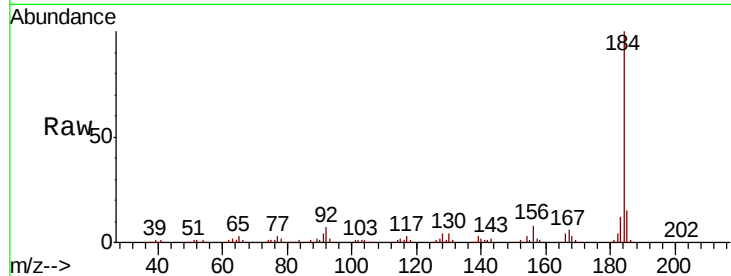
Tot Ion:184 Resp: 566361

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.4

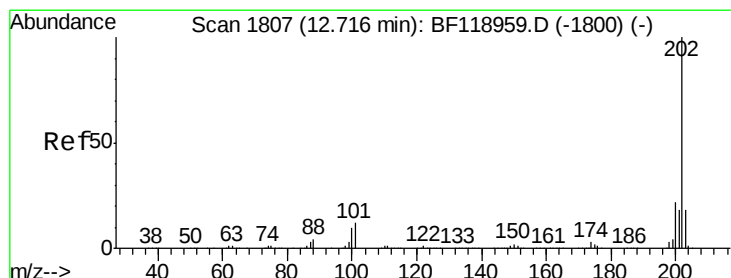
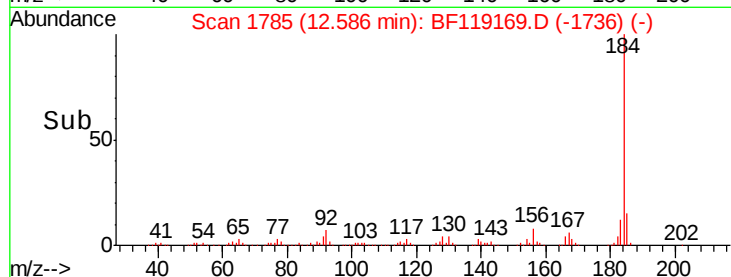
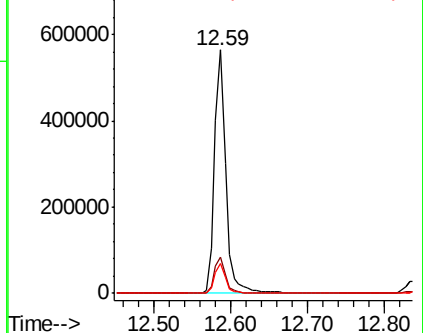
183 12.5 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.331 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

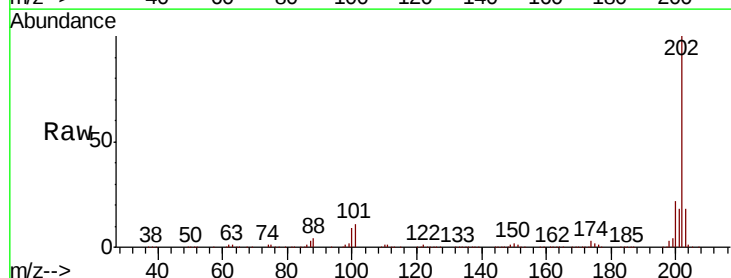
Tgt Ion:202 Resp: 1403116

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

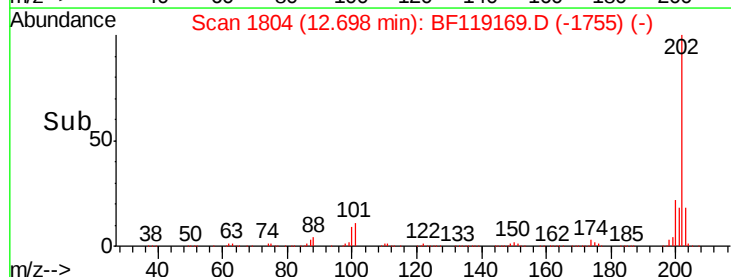
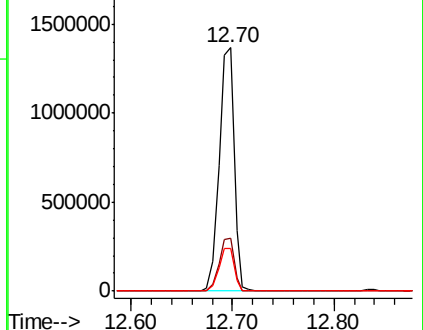
203 17.6 14.6 22.0

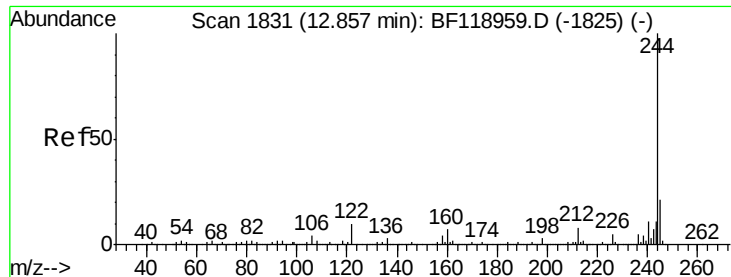


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.360 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampled :

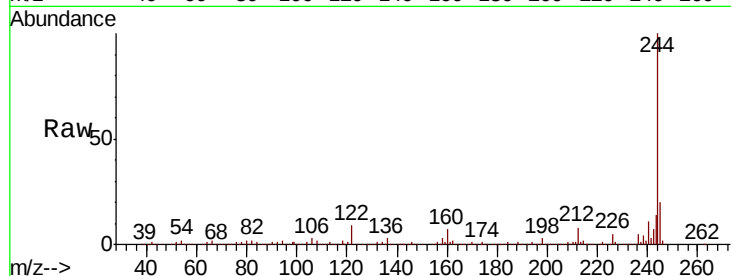
Tot Ion:244 Resp: 2110850

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

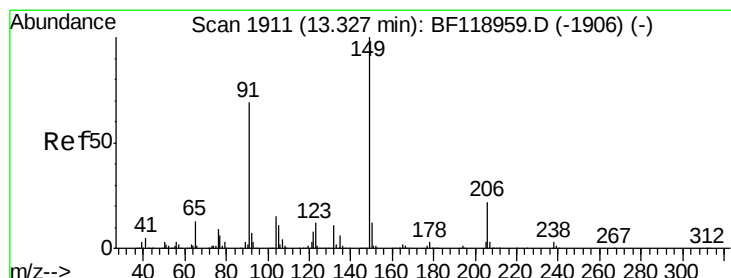
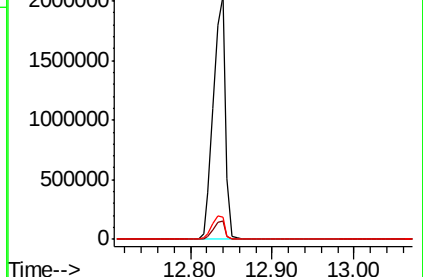
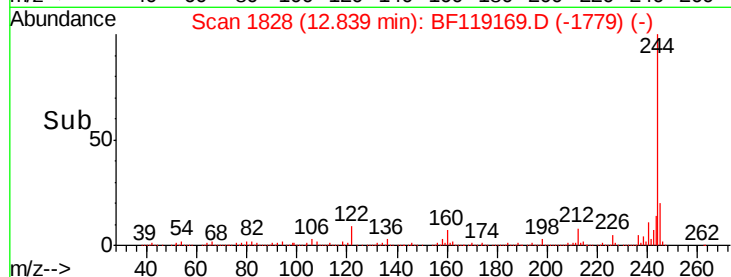
122 9.2 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.522 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

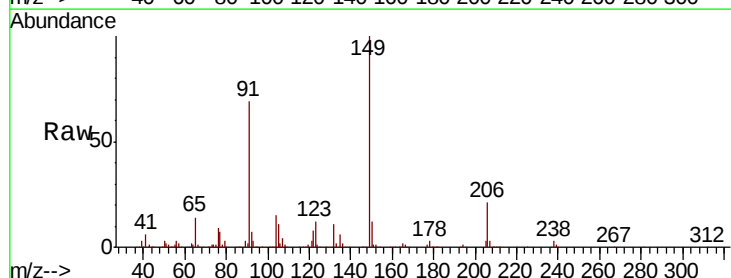
Tgt Ion:149 Resp: 605710

Ion Ratio Lower Upper

149 100

91 69.3 52.3 78.5

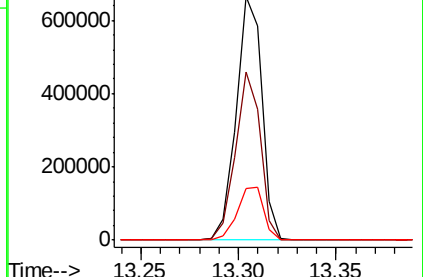
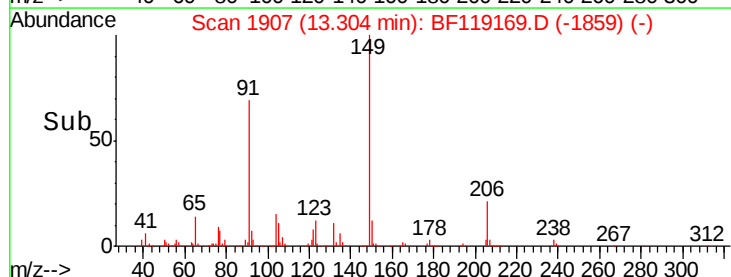
206 21.2 18.5 27.7

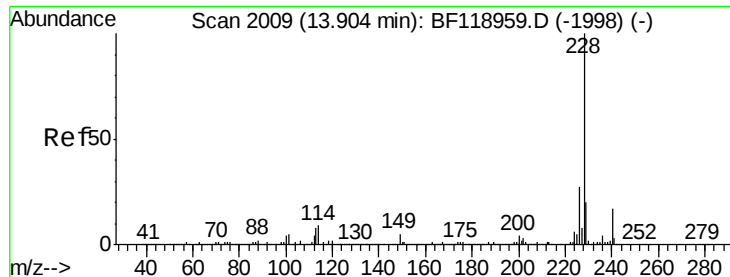


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.979 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

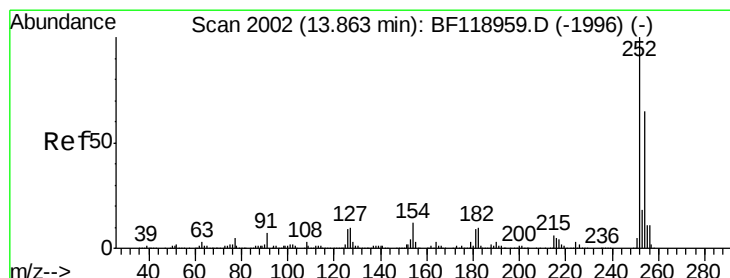
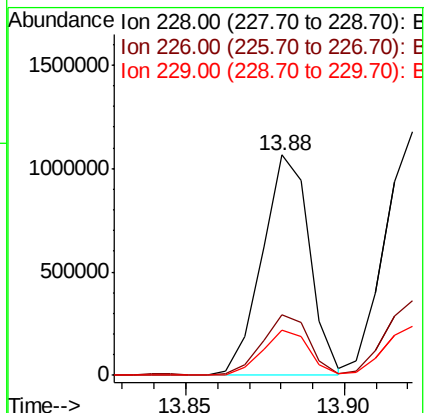
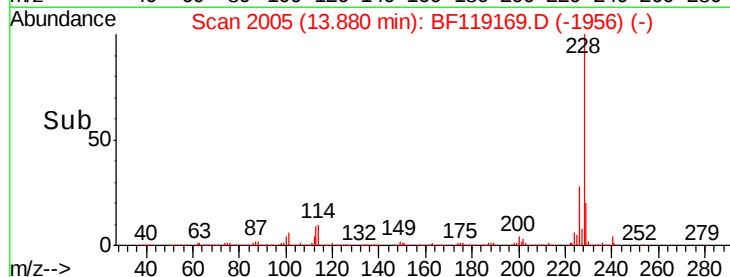
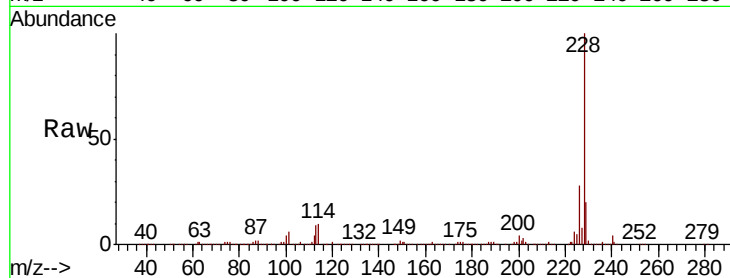
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1104447

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.4	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 40.531 ng

RT: 13.84 min Scan# 1998

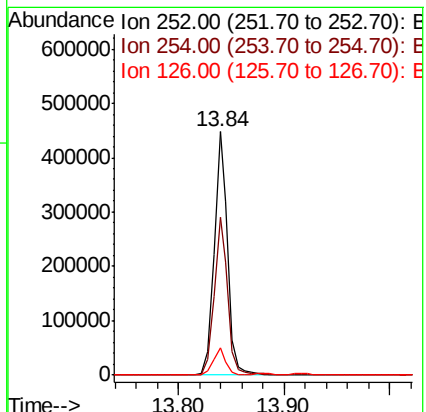
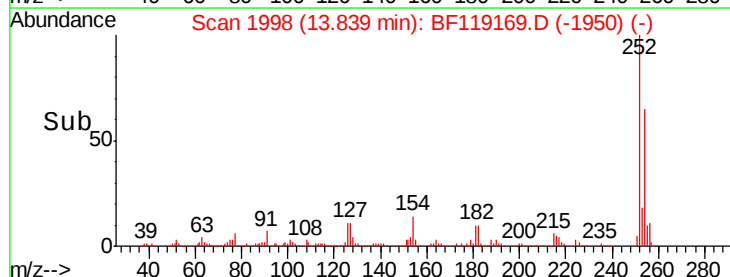
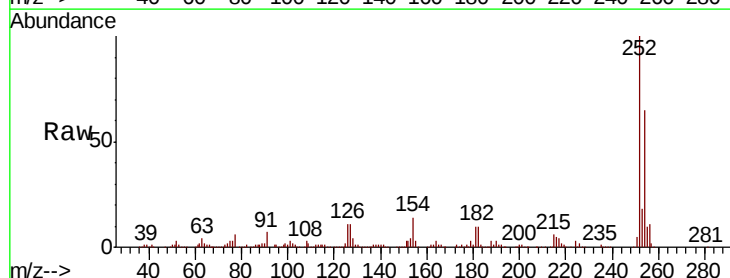
Delta R.T. -0.02 min

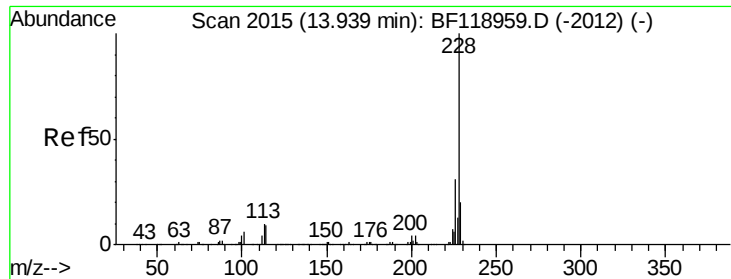
Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Tgt Ion:252 Resp: 404438

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	11.1	7.4	11.0

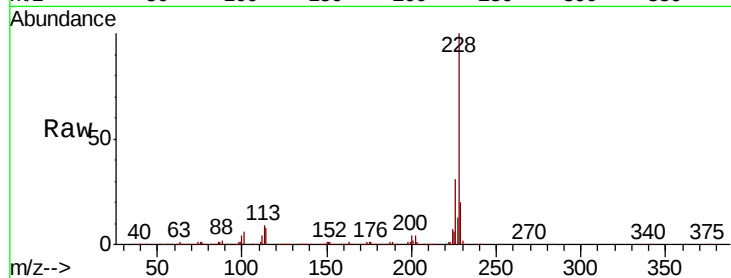




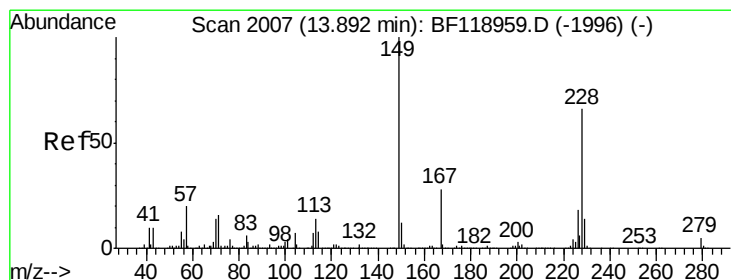
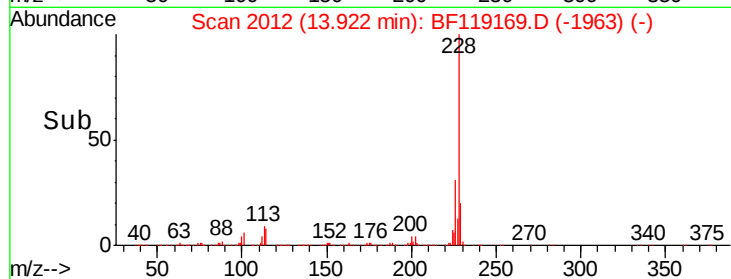
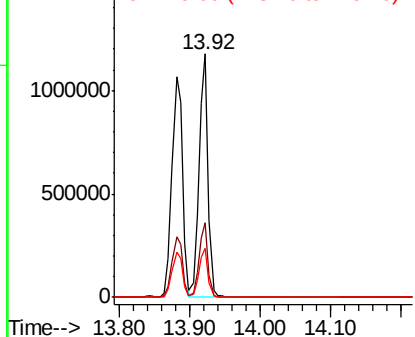
#83
 Chrvsene
 Concen: 41.822 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1070868
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 19.9 16.3 24.5

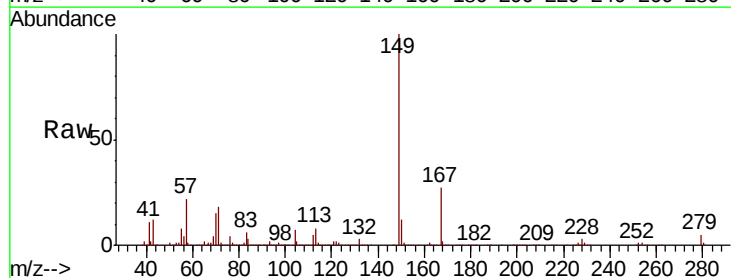


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

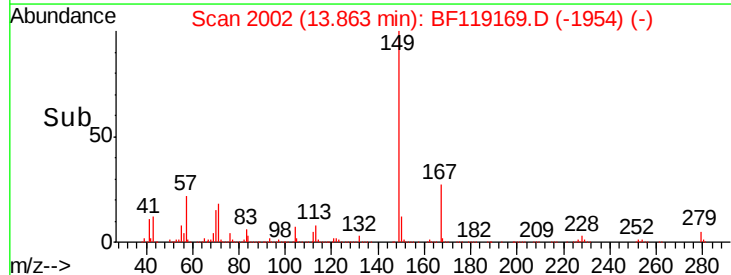
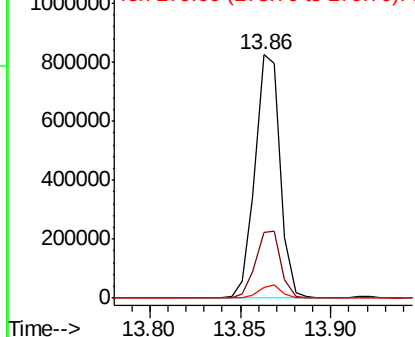


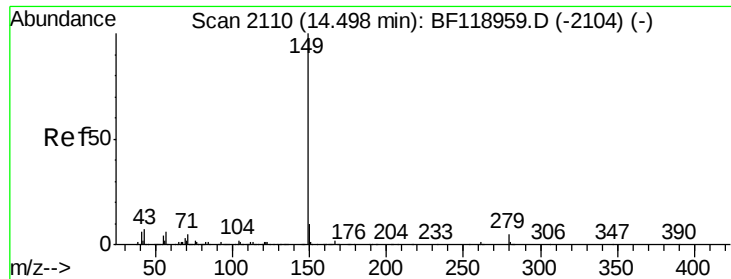
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.452 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119169.D
 Acq: 2 Mar 2020 12:53

Tgt Ion:149 Resp: 796310
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.8 34.2
 279 4.5 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

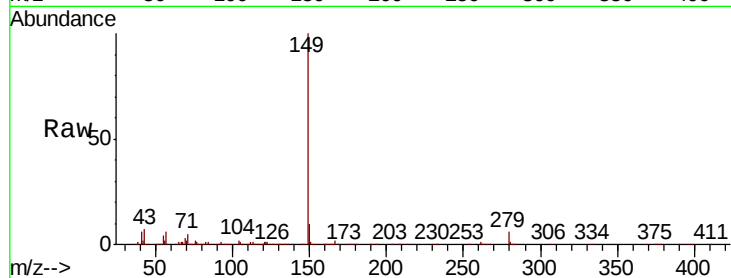




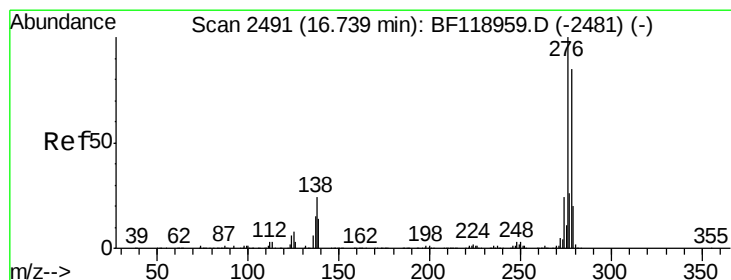
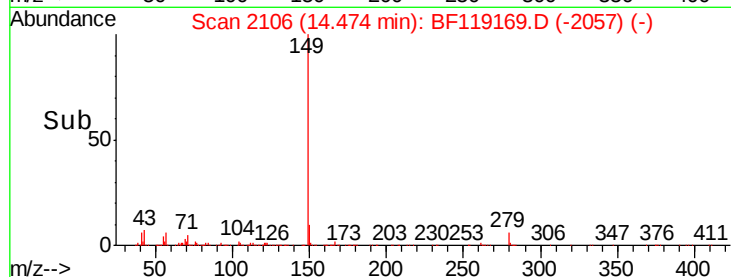
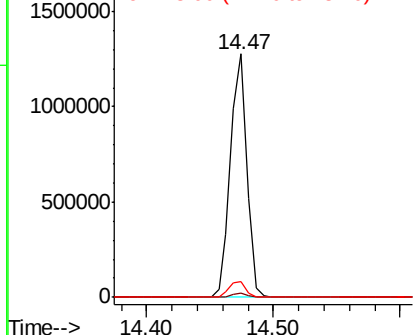
#85
Di-n-octyl phthalate
Concen: 44.457 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1140608
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.7 8.5

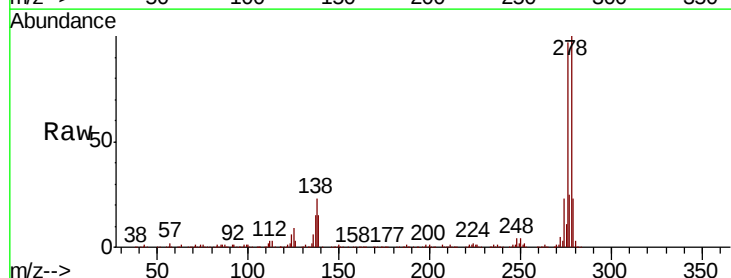


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

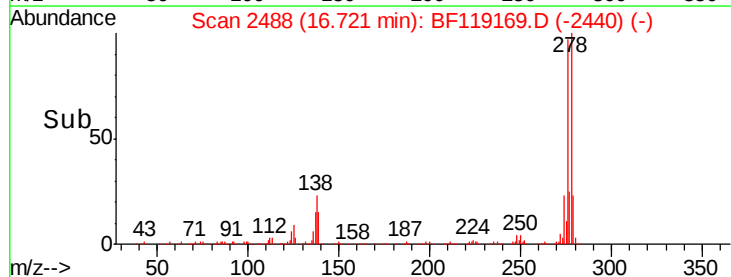
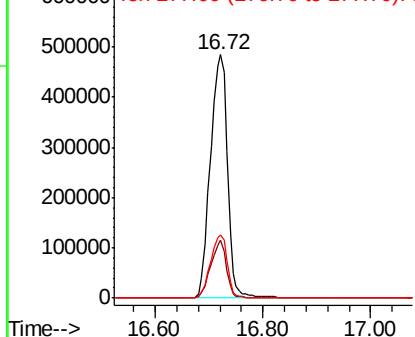


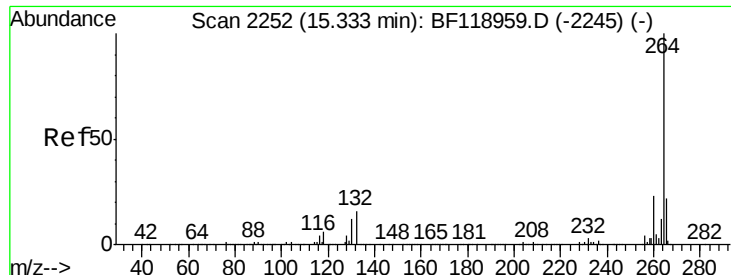
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.119 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:276 Resp: 1069055
Ion Ratio Lower Upper
276 100
138 21.6 17.4 26.0
277 25.5 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



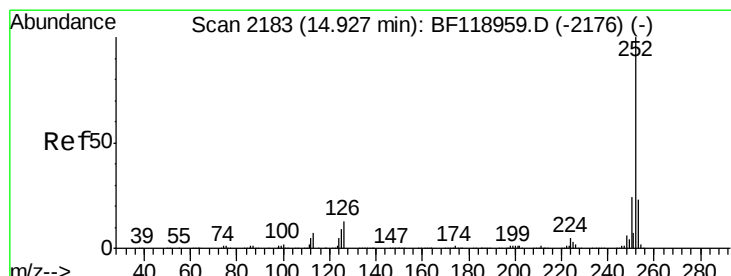
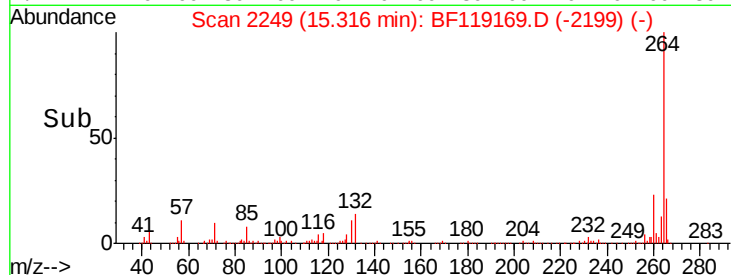
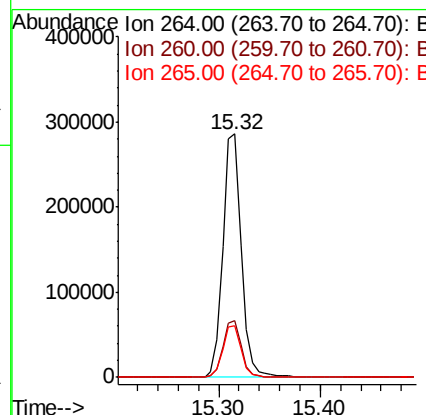
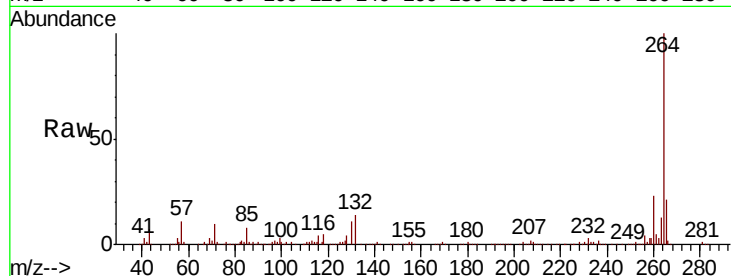


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 362489

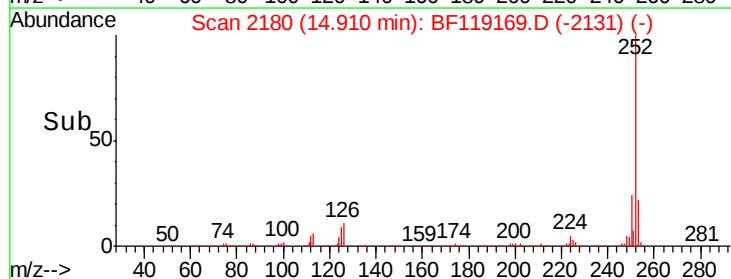
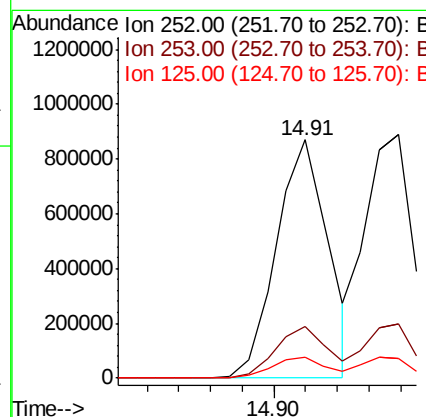
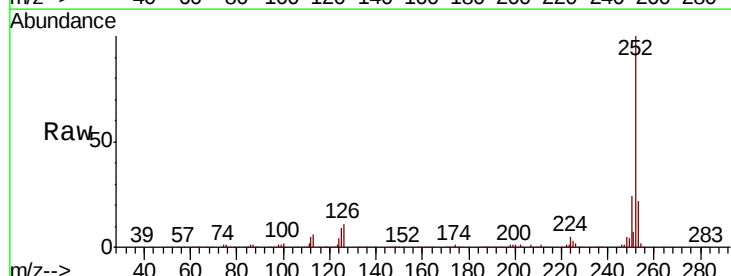
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.7	26.5

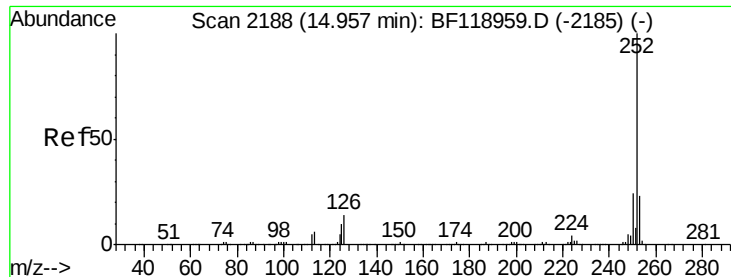


#88
Benzo(b)fluoranthene
Concen: 41.266 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119169.D
Acq: 2 Mar 2020 12:53

Tgt Ion:252 Resp: 985990

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.8	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 43.328 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

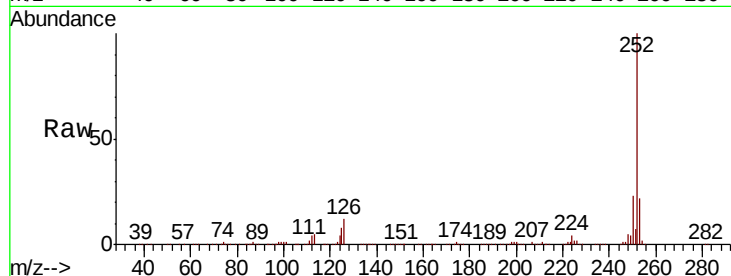
Tot Ion:252 Resp: 959377

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

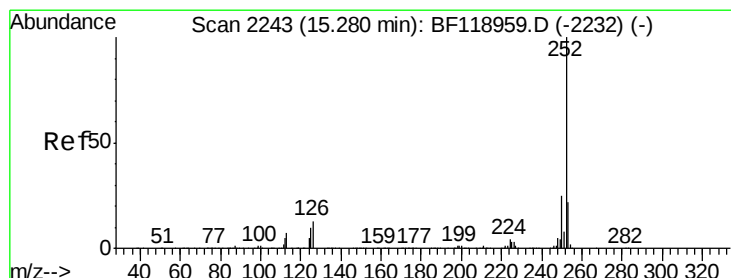
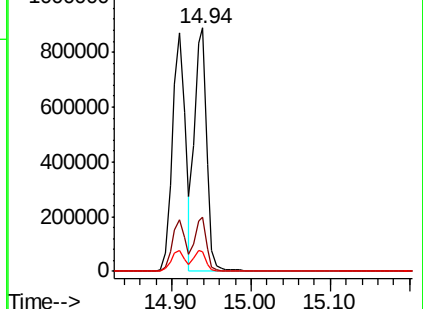
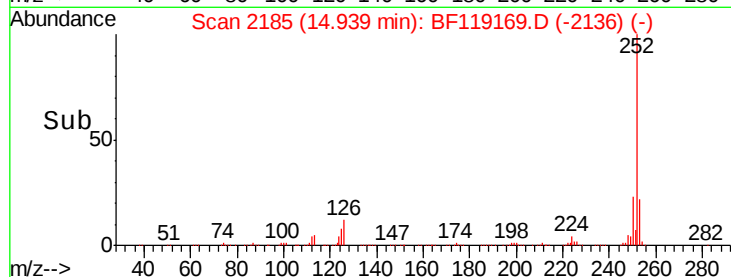
125 8.2 7.5 11.3



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: 41.436 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

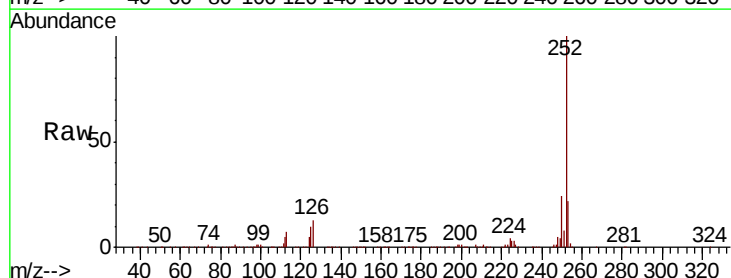
Tgt Ion:252 Resp: 893538

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

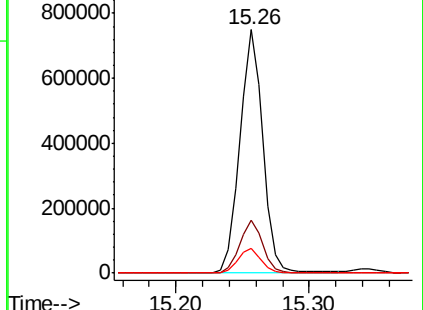
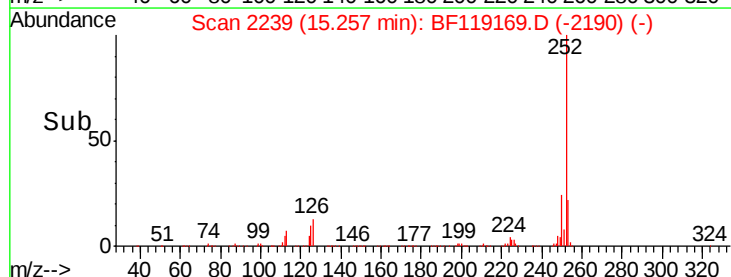
125 10.1 8.6 12.8



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: 46.379 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

Instrument :

BNA_F

ClientSampleId :

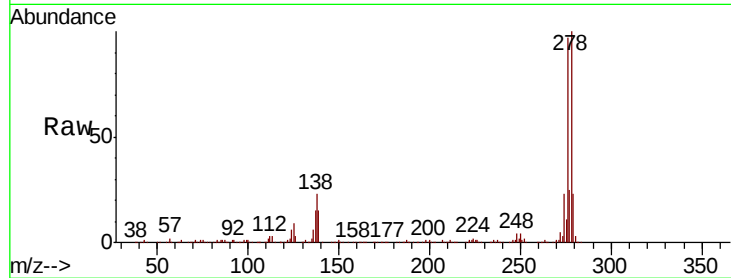
Tot Ion:278 Resp: 880007

Ion Ratio Lower Upper

278 100

139 15.2 11.0 16.4

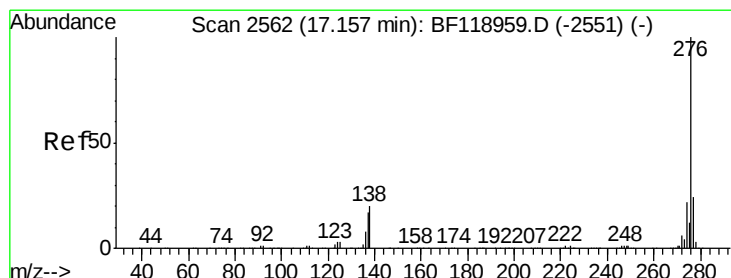
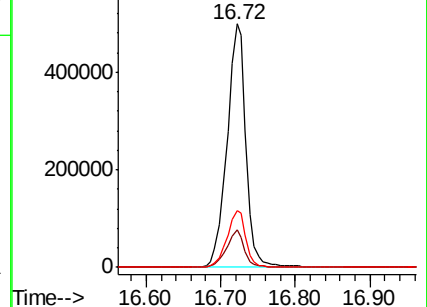
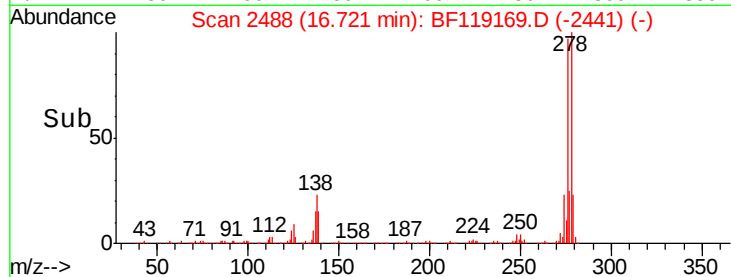
279 23.5 18.6 28.0



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: 45.657 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF119169.D

Acq: 2 Mar 2020 12:53

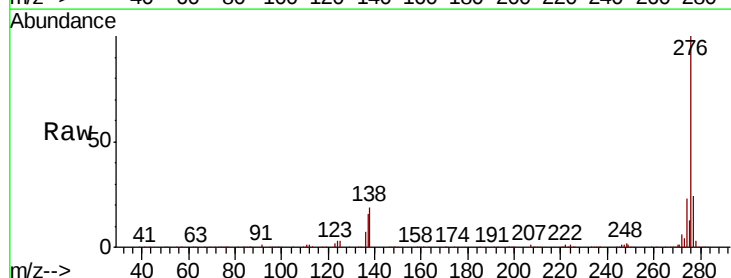
Tgt Ion:276 Resp: 855943

Ion Ratio Lower Upper

276 100

277 24.4 18.7 28.1

138 19.0 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

