

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119018.D
 Acq On : 24 Feb 2020 12:26
 Operator : CG/JU
 Sample : L1362-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:22:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	205279	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	774649	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	421083	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	762144	20.00	ng	0.00
76) Chrysene-d12	13.92	240	501583	20.00	ng	0.00
87) Perylene-d12	15.34	264	452764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1459888	118.85	ng	0.03
7) Phenol-d6	6.41	99	1666504	111.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	1307471	89.12	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	705908	128.15	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2487265	87.02	ng	0.00
79) Terphenyl-d14	12.86	244	2753121	94.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	213051	38.956	ng	# 88
3) Pyridine	3.38	79	347413	23.260	ng	99
4) n-Nitrosodimethylamine	3.30	42	212916	47.058	ng	96
6) Aniline	6.42	93	273368	14.830	ng	# 1
8) 2-Chlorophenol	6.55	128	665129	50.175	ng	98
9) Benzaldehyde	6.30	77	246940	24.741	ng	98
10) Phenol	6.42	94	658239	40.753	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	631196	51.074	ng	99
12) 1,3-Dichlorobenzene	6.70	146	670957	42.229	ng	99
13) 1,4-Dichlorobenzene	6.77	146	681754	42.879	ng	98
14) 1,2-Dichlorobenzene	6.93	146	623284	42.984	ng	99
15) Benzyl Alcohol	6.91	79	550294	50.968	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	495887	46.321	ng	# 47
17) 2-Methylphenol	7.03	107	518500	48.243	ng	# 91
18) Hexachloroethane	7.27	117	242274	42.592	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	434778	49.946	ng	98
20) 3+4-Methylphenols	7.18	107	613256	46.574	ng	# 77
22) Acetophenone	7.17	105	878698	49.025	ng	95
24) Nitrobenzene	7.35	77	674670	46.502	ng	100
25) Isophorone	7.59	82	1239743	48.656	ng	99
26) 2-Nitrophenol	7.66	139	373844	48.631	ng	94
27) 2,4-Dimethylphenol	7.70	122	556882	53.377	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	752414	45.368	ng	99
29) 2,4-Dichlorophenol	7.90	162	581217	47.322	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	642797	44.141	ng	99
31) Naphthalene	8.06	128	1845907	45.947	ng	99
32) Benzoic acid	7.86	122	325553	43.493	ng	98
33) 4-Chloroaniline	8.11	127	196439	11.368	ng	99
34) Hexachlorobutadiene	8.18	225	383798	42.311	ng	98
35) Caprolactam	8.50	113	73042	19.314	ng	97
36) 4-Chloro-3-methylphenol	8.61	107	593480	47.745	ng	98
37) 2-Methylnaphthalene	8.76	142	1289821	47.707	ng	99
38) 1-Methylnaphthalene	8.85	142	1210290	47.600	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	640227	45.095	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	435740	83.812	nq	95
43) 2,4,6-Trichlorophenol	9.04	196	418801	46.713	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	435943	46.338	nq	95
46) 1,1'-Biphenyl	9.22	154	1545683	45.418	nq	98
47) 2-Chloronaphthalene	9.25	162	1234645	45.019	nq	99
48) 2-Nitroaniline	9.34	65	345851	45.214	nq	97
49) Acenaphthylene	9.66	152	1865152	47.089	nq	100
50) Dimethylphthalate	9.53	163	1533237	47.617	nq	100
51) 2,6-Dinitrotoluene	9.59	165	337466	47.173	nq	100
52) Acenaphthene	9.83	154	1097117	45.935	nq	99
53) 3-Nitroaniline	9.75	138	148017	18.664	nq	99
54) 2,4-Dinitrophenol	9.87	184	338082	95.626	nq	97
55) Dibenzofuran	10.00	168	1621900	45.496	nq	98
56) 4-Nitrophenol	9.94	139	394797	82.854	nq	98
57) 2,4-Dinitrotoluene	10.00	165	419173	45.206	nq	# 88
58) Fluorene	10.35	166	1276712	46.089	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	374715	47.203	nq	98
60) Diethylphthalate	10.22	149	1393596	45.926	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	658096	44.882	nq	97
62) 4-Nitroaniline	10.37	138	319786	39.411	nq	98
63) Azobenzene	10.49	77	1236034	46.863	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	249346	54.067	nq	95
66) n-Nitrosodiphenylamine	10.46	169	1166497	46.743	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	450435	45.214	nq	98
68) Hexachlorobenzene	10.90	284	513294	44.689	nq	97
69) Atrazine	10.99	200	405801	46.541	nq	99
70) Pentachlorophenol	11.09	266	473897	102.424	nq	99
71) Phenanthrene	11.30	178	1875394	45.121	nq	98
72) Anthracene	11.36	178	1941693	46.755	nq	99
73) Carbazole	11.51	167	1691277	45.714	nq	100
74) Di-n-butylphthalate	11.84	149	2022821	45.148	nq	99
75) Fluoranthene	12.49	202	1956624	44.349	nq	99
77) Benzidine	12.60	184	217467	10.661	nq	99
78) Pyrene	12.72	202	1942364	48.226	nq	99
80) Butylbenzylphthalate	13.33	149	826638	48.766	nq	95
81) Benzo(a)anthracene	13.90	228	1622841	47.485	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	332886	25.084	nq	99
83) Chrysene	13.94	228	1575503	46.265	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1060959	49.542	nq	100
85) Di-n-octyl phthalate	14.50	149	1667603	48.873	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1463258	44.377	nq	98
88) Benzo(b)fluoranthene	14.94	252	1539329	51.580	nq	99
89) Benzo(k)fluoranthene	14.97	252	1316167	47.589	nq	99
90) Benzo(a)pyrene	15.29	252	1264659	46.953	nq	99
91) Dibenzo(a,h)anthracene	16.77	278	1220699	51.507	nq	98
92) Benzo(g,h,i)perylene	17.19	276	1249635	53.366	nq	98

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

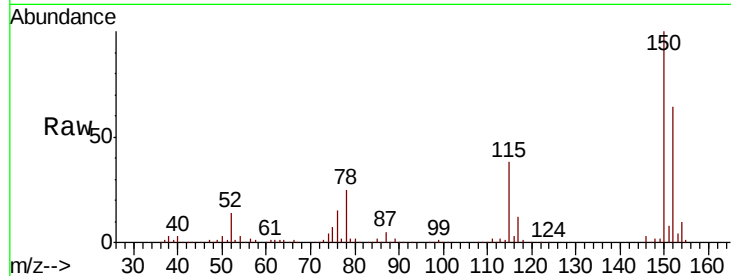


#1

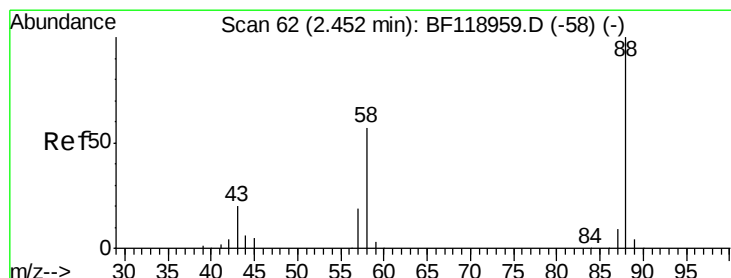
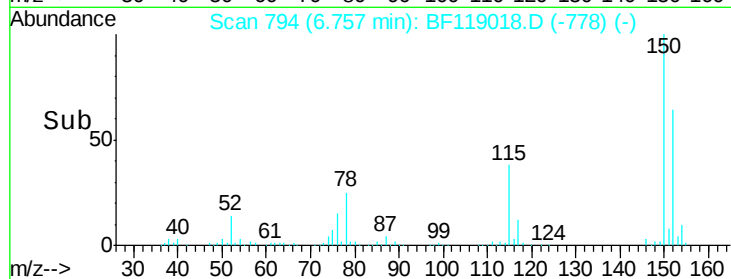
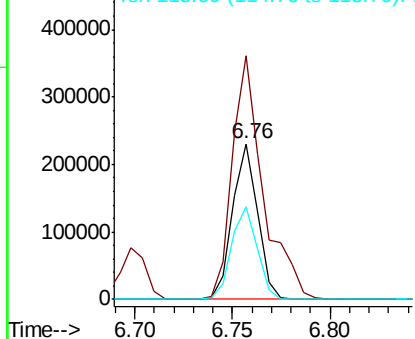
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	59.6	44.6	67.0



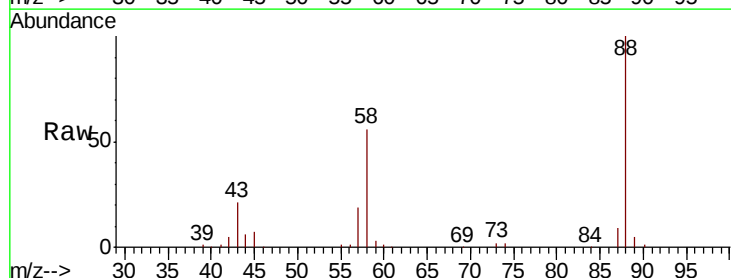
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



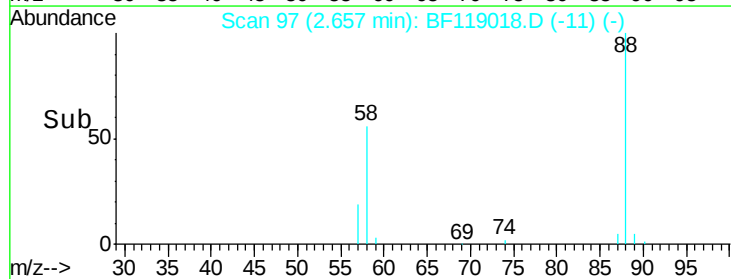
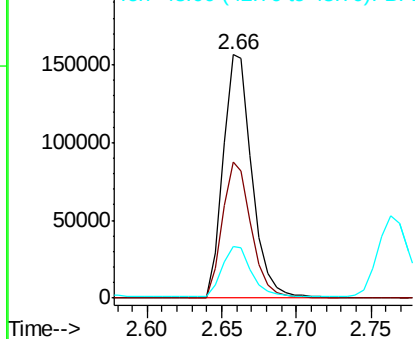
#2

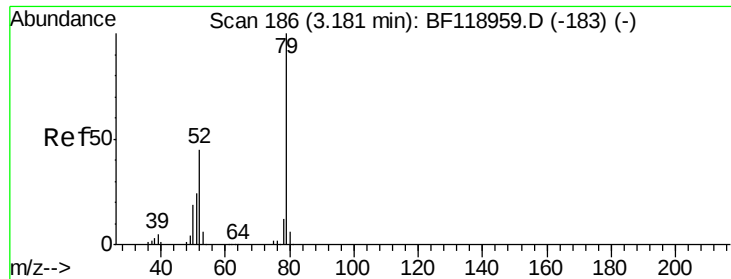
1,4-Dioxane
Concen: 38.956 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.21 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	44.6	66.8
43	0.0	16.0	24.0



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: 23.260 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.20 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

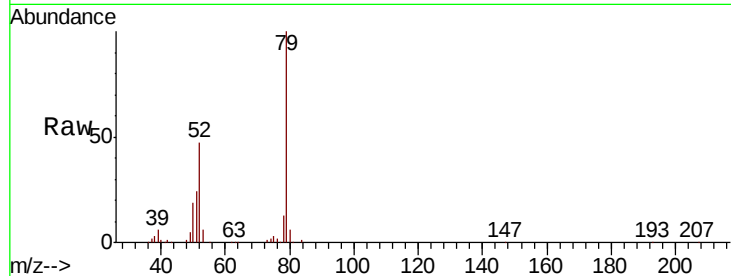
Tot Ion: 79 Resp: 347413

Ion Ratio Lower Upper

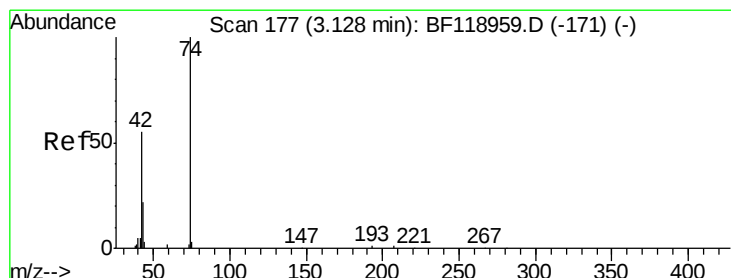
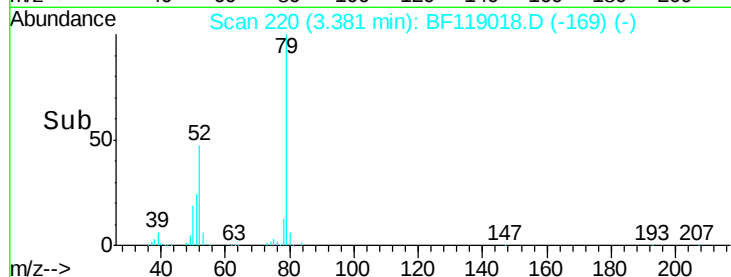
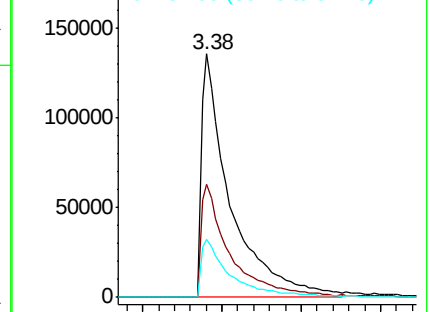
79 100

52 46.6 36.3 54.5

51 24.1 19.5 29.3



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



#4

n-Nitrosodimethylamine

Concen: 47.058 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.17 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

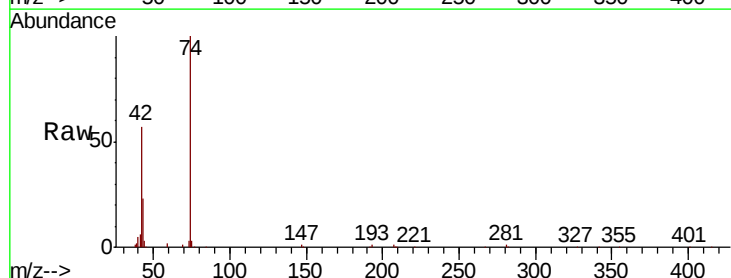
Tgt Ion: 42 Resp: 212916

Ion Ratio Lower Upper

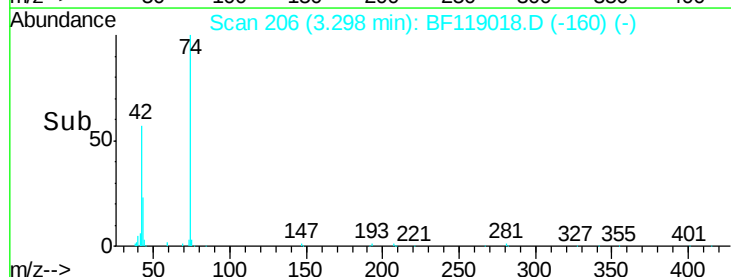
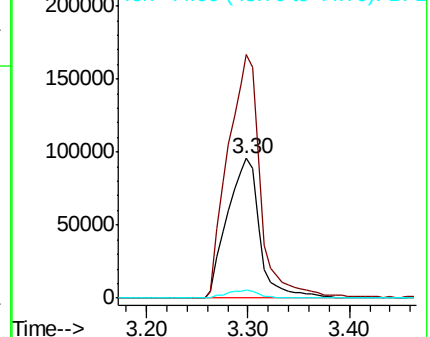
42 100

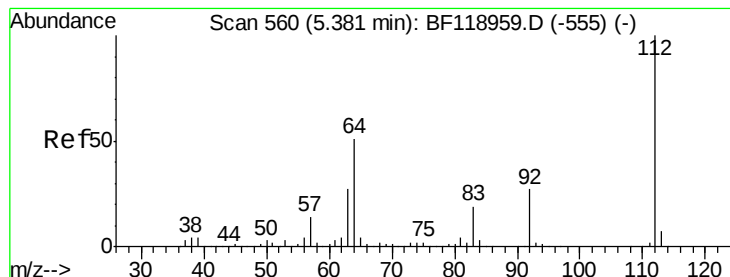
74 174.2 144.4 216.6

44 5.6 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.850 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

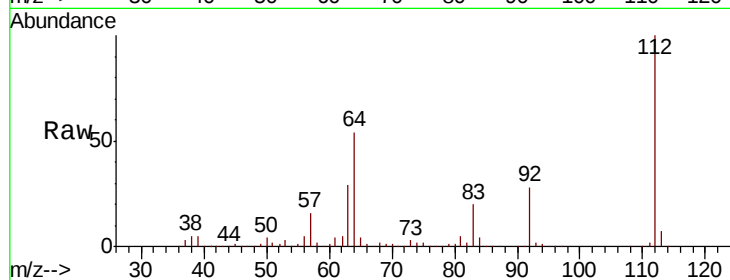
Tot Ion:112 Resp: 1459888

Ion Ratio Lower Upper

112 100

64 54.1 40.4 60.6

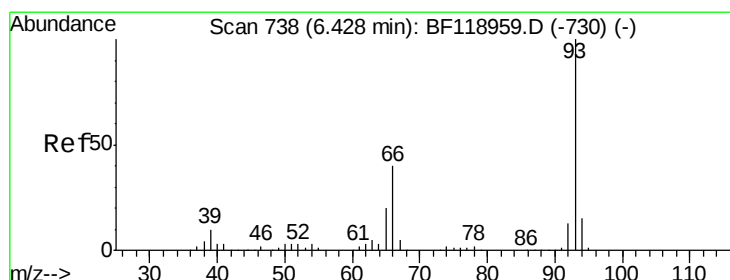
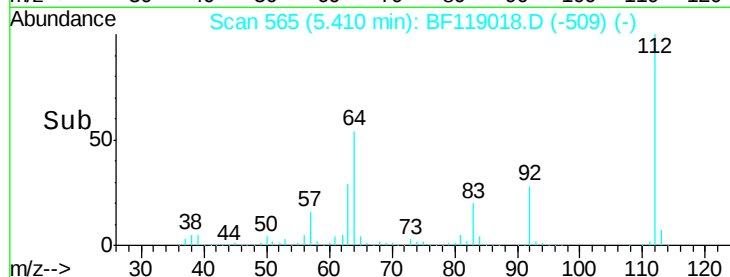
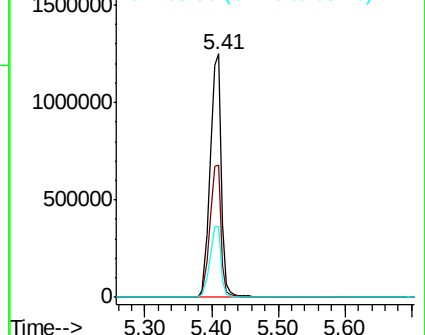
63 28.9 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.830 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

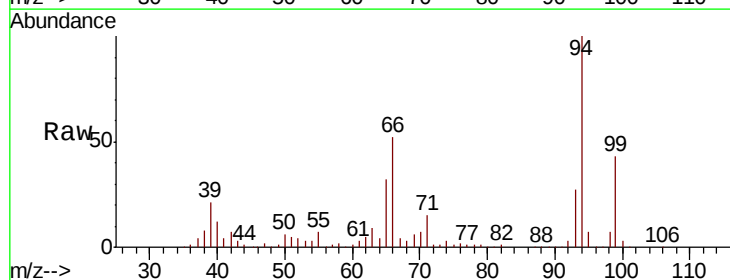
Tgt Ion: 93 Resp: 273368

Ion Ratio Lower Upper

93 100

66 192.5 32.2 48.2#

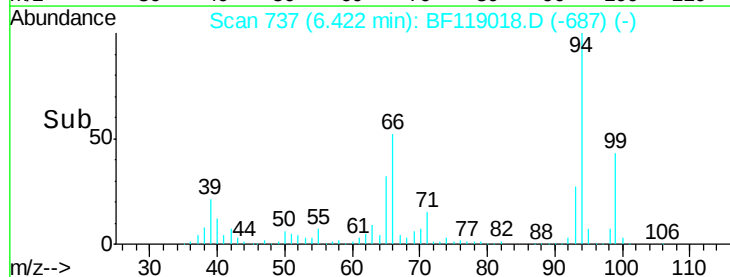
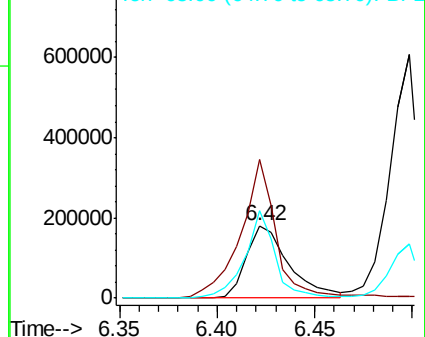
65 120.5 16.1 24.1#



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: 111.554 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

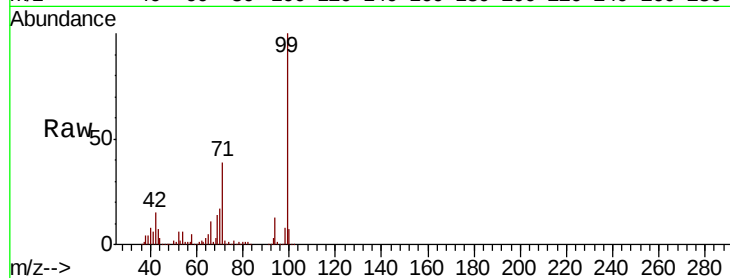
Tot Ion: 99 Resp: 1666504

Ion Ratio Lower Upper

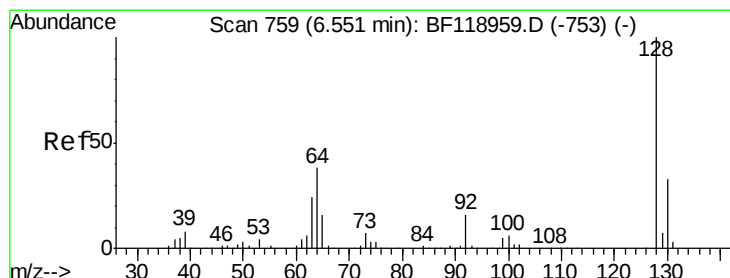
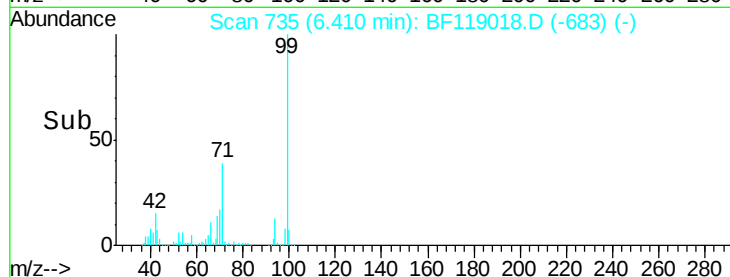
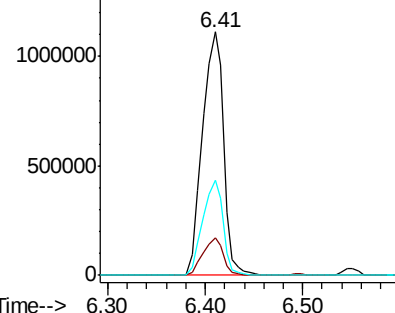
99 100

42 15.5 11.4 17.0

71 39.2 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.175 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

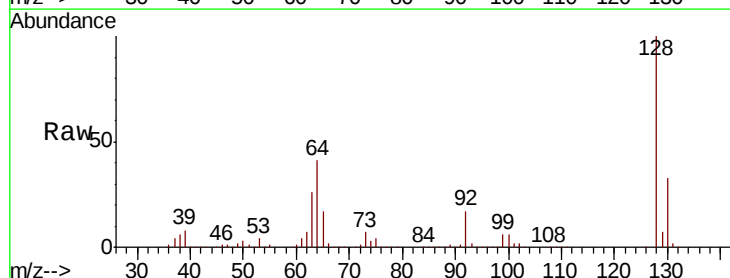
Tgt Ion:128 Resp: 665129

Ion Ratio Lower Upper

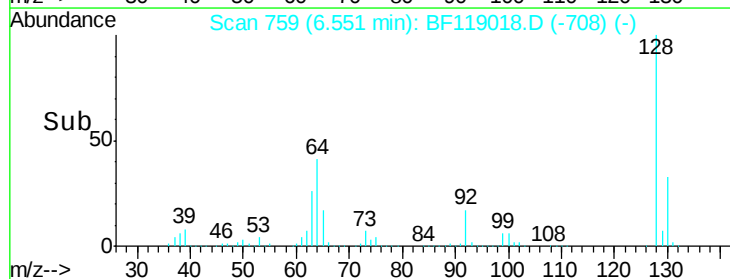
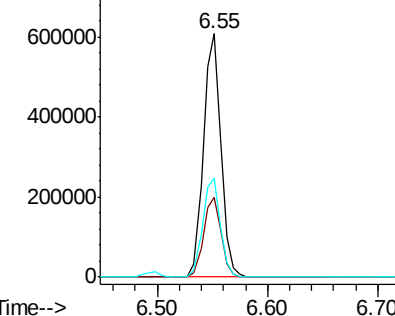
128 100

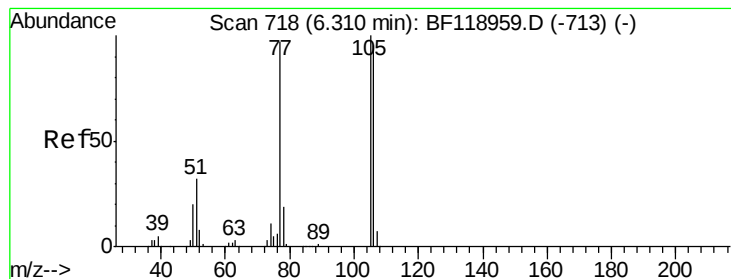
130 32.7 12.7 52.7

64 40.5 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.741 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

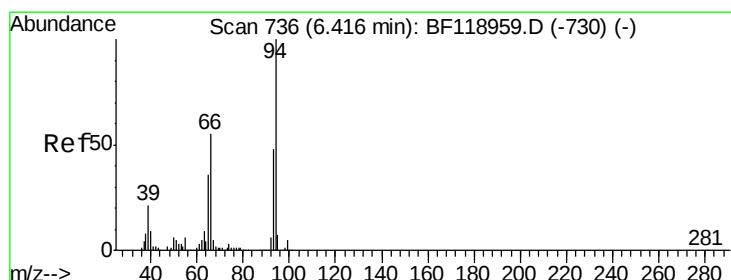
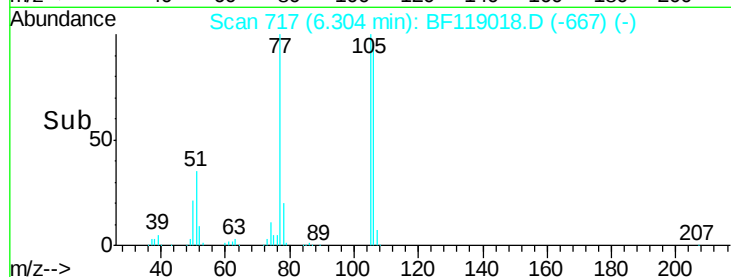
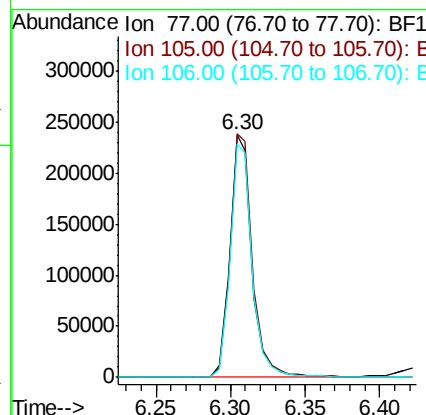
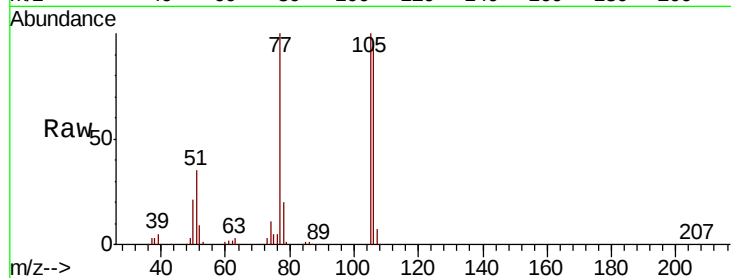
Tot Ion: 77 Resp: 246940

Ion Ratio Lower Upper

77 100

105 100.4 83.0 123.0

106 96.3 78.3 118.3



#10

Phenol

Concen: 40.753 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

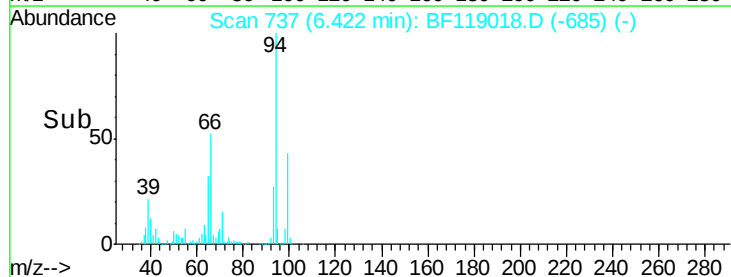
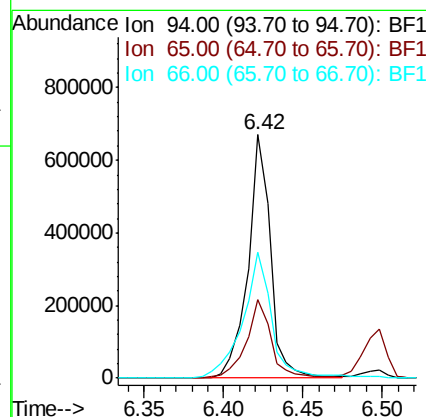
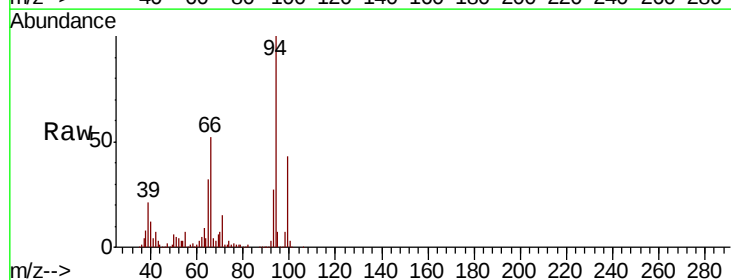
Tgt Ion: 94 Resp: 658239

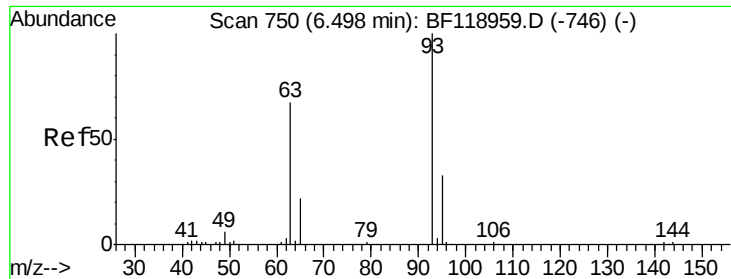
Ion Ratio Lower Upper

94 100

65 32.3 15.5 55.5

66 51.7 35.6 75.6

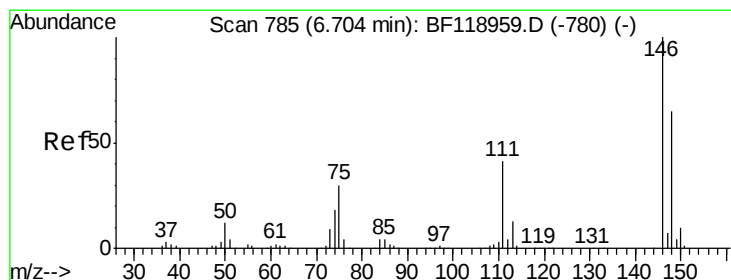
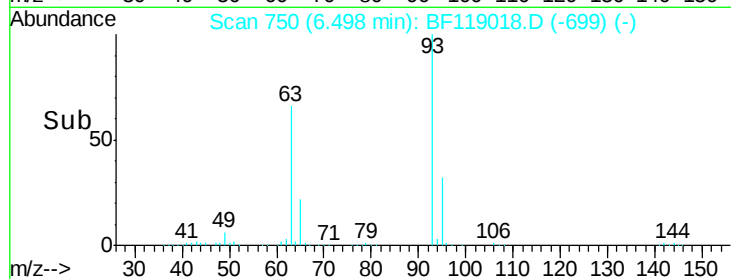
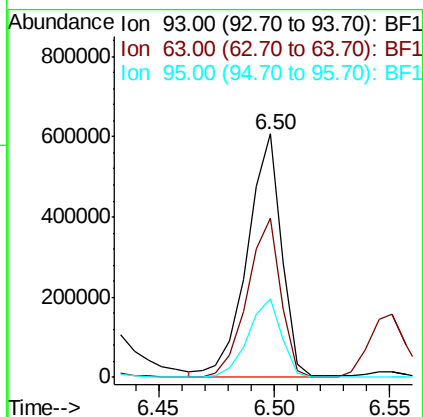
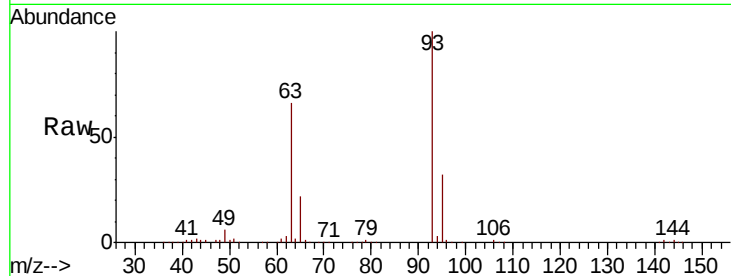




#11
 bis(2-Chloroethyl)ether
 Concen: 51.074 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

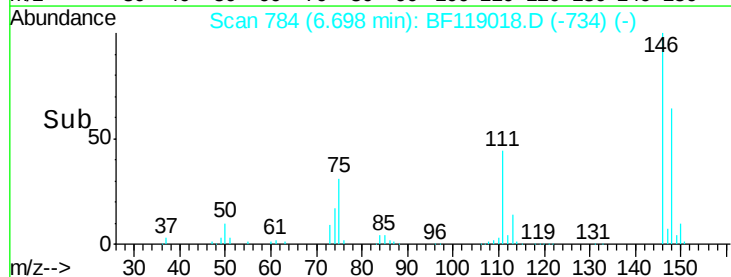
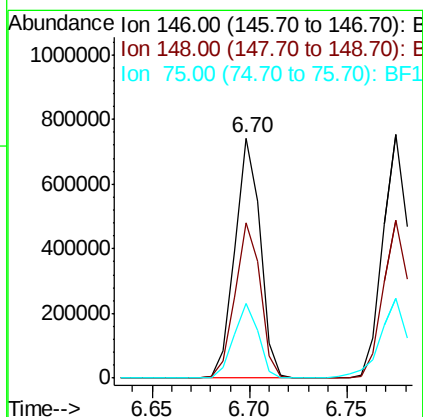
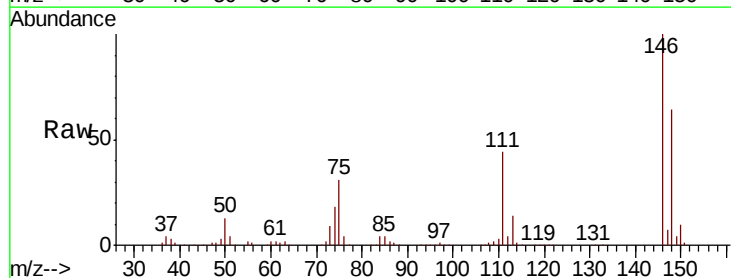
Instrument :
 BNA_F
 ClientSampleId :

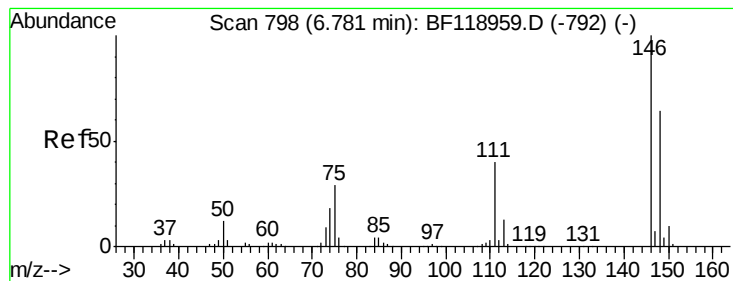
Tot Ion: 93 Resp: 631196
 Ion Ratio Lower Upper
 93 100
 63 65.5 46.8 86.8
 95 32.3 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 42.229 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion: 146 Resp: 670957
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.7 77.5
 75 31.0 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 42.879 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

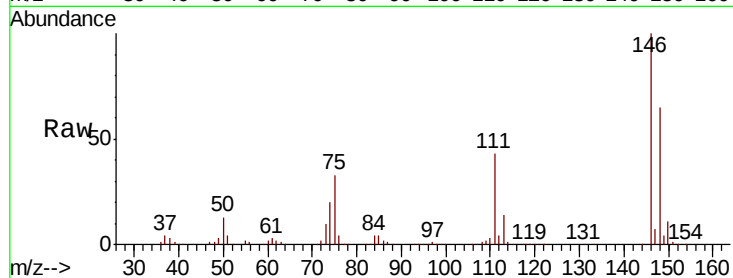
Tot Ion:146 Resp: 681754

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

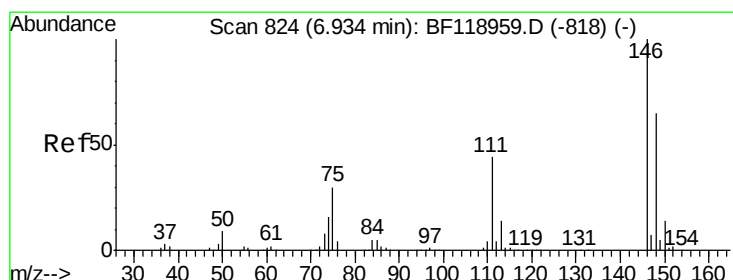
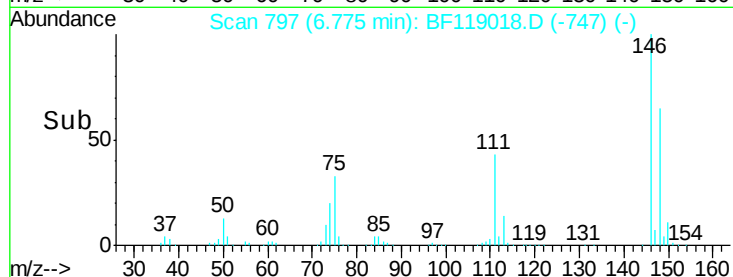
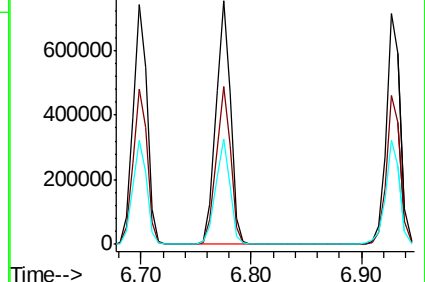
111 43.1 31.9 47.9



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: 42.984 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

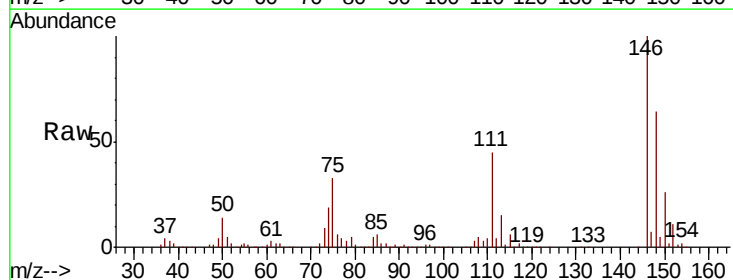
Tgt Ion:146 Resp: 623284

Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

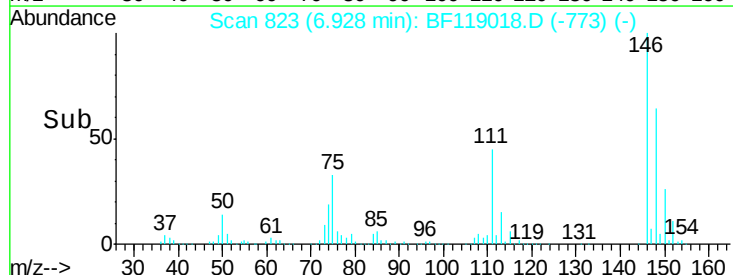
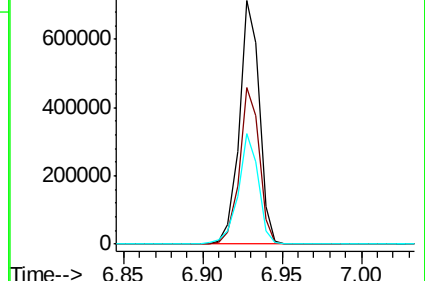
111 45.4 35.5 53.3

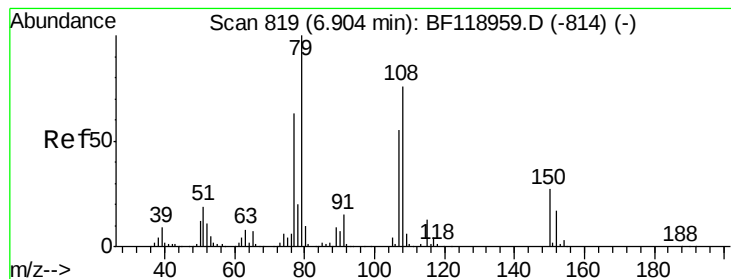


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.968 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

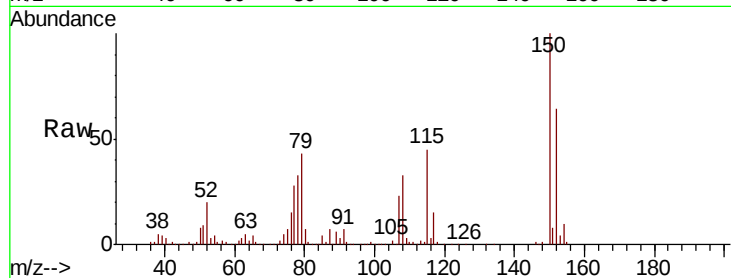
Tot Ion: 79 Resp: 550294

Ion Ratio Lower Upper

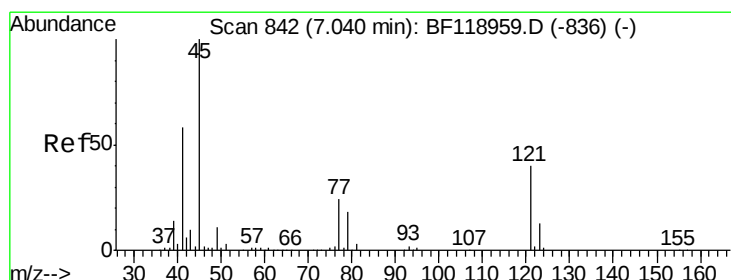
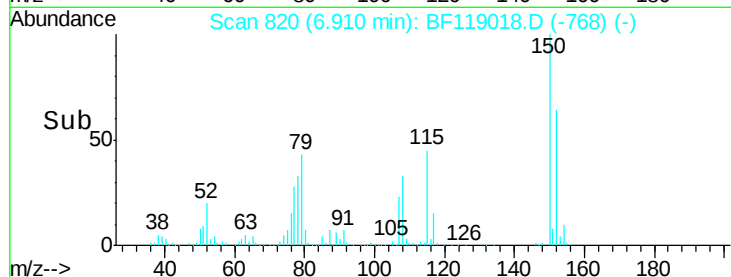
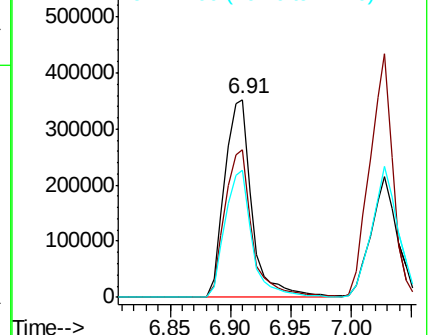
79 100

108 74.8 61.1 91.7

77 64.0 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.321 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

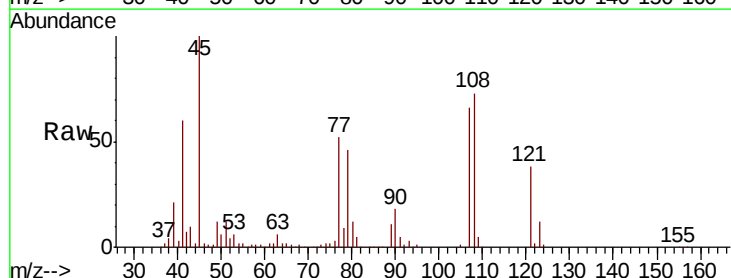
Tgt Ion: 45 Resp: 495887

Ion Ratio Lower Upper

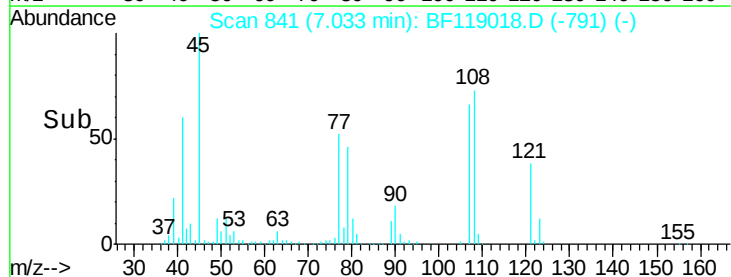
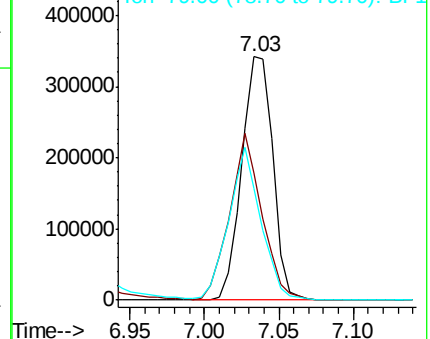
45 100

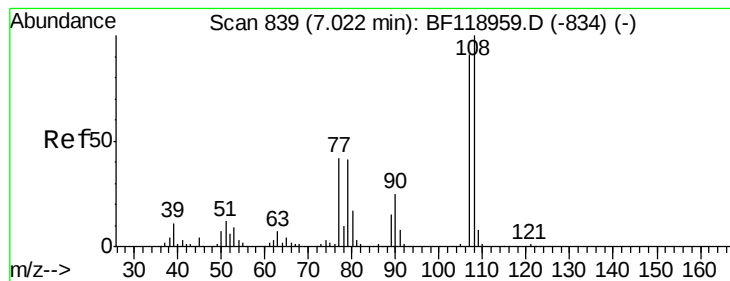
77 52.0 6.1 46.1#

79 46.1 0.5 40.5#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

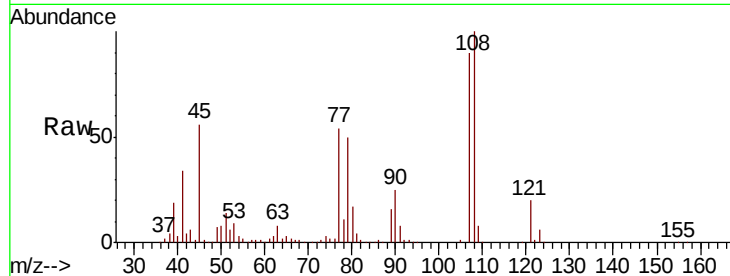




#17
2-Methylphenol
Concen: 48.243 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.7	131.5
77	60.3	36.8	55.2
79	55.4	36.4	54.6



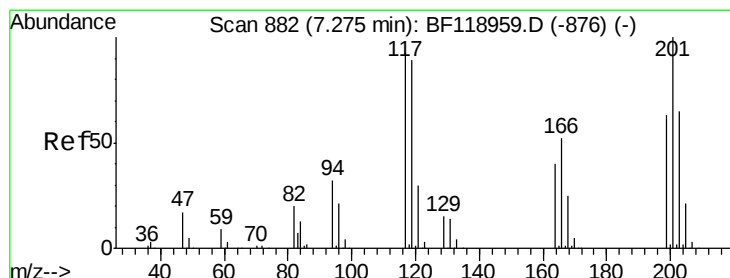
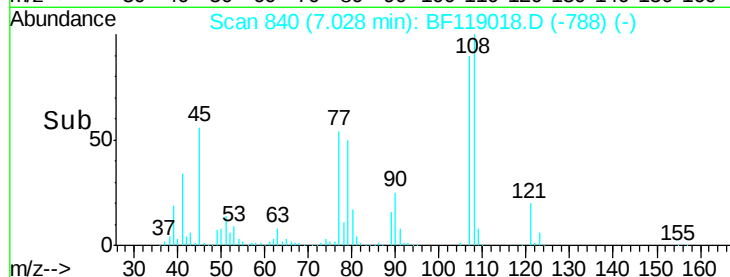
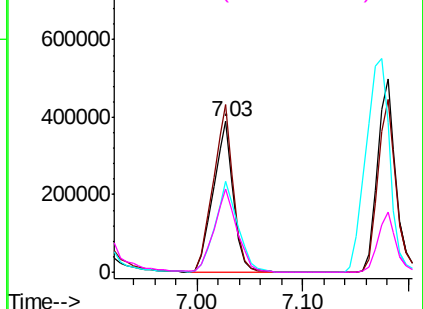
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

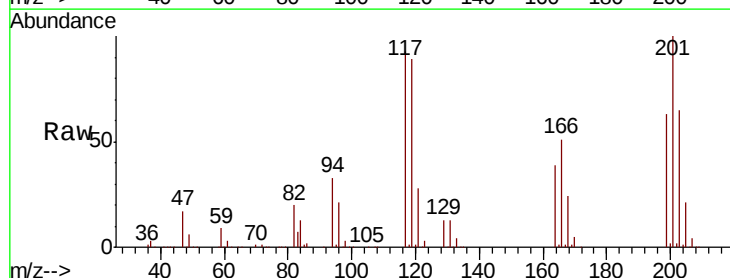
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.592 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.0	115.6
201	107.4	86.4	129.6

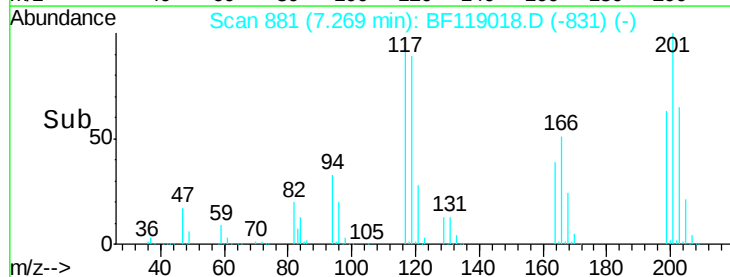
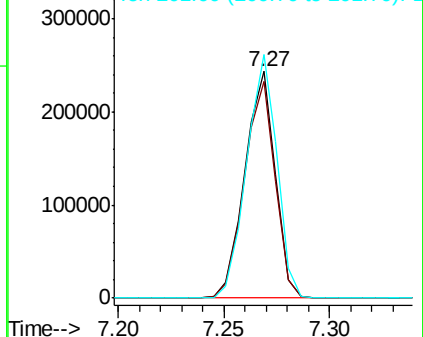


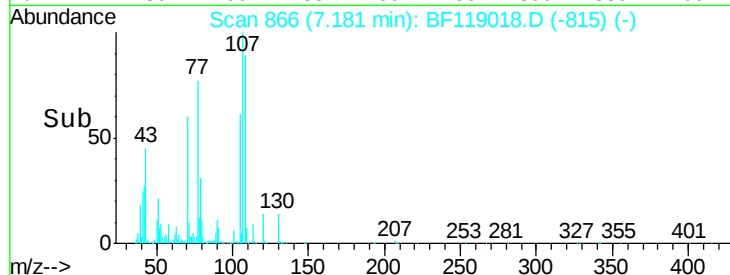
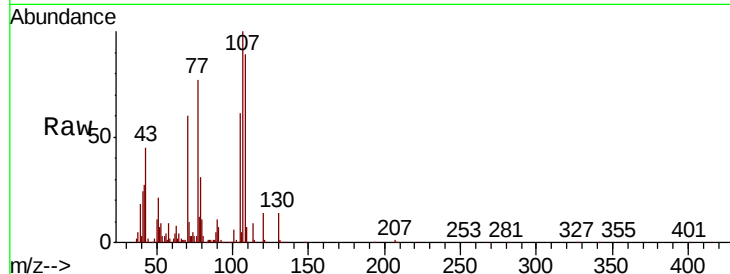
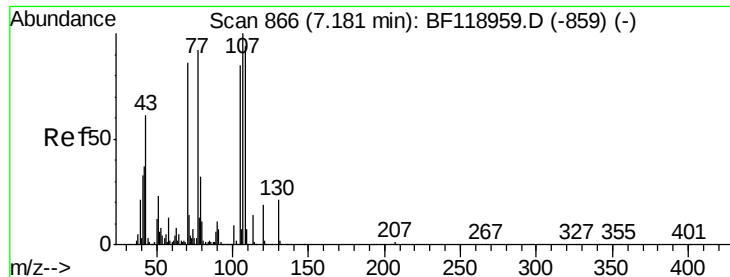
Abundance

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

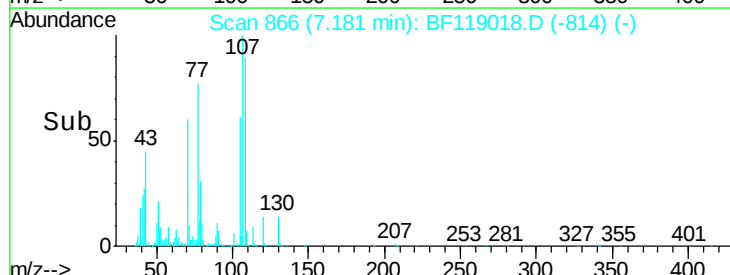
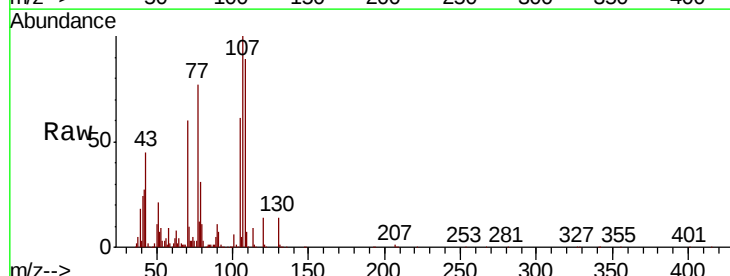
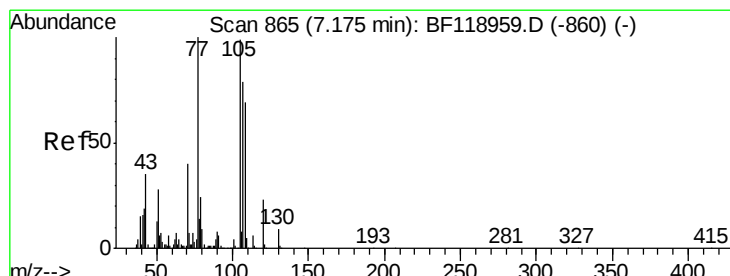
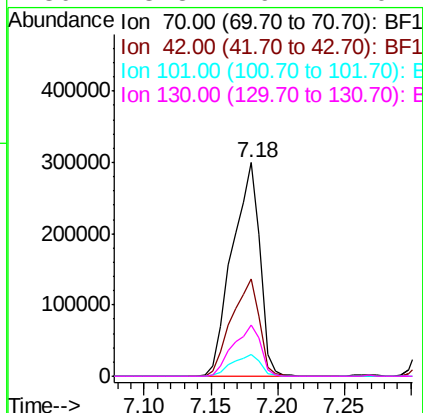




#19
n-Nitroso-di-n-propylamine
Concen: 49.946 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

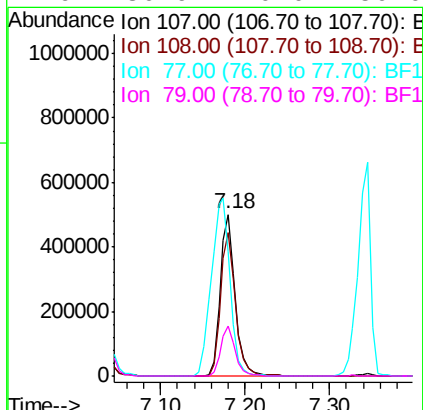
Instrument :
BNA_F
ClientSampleId :

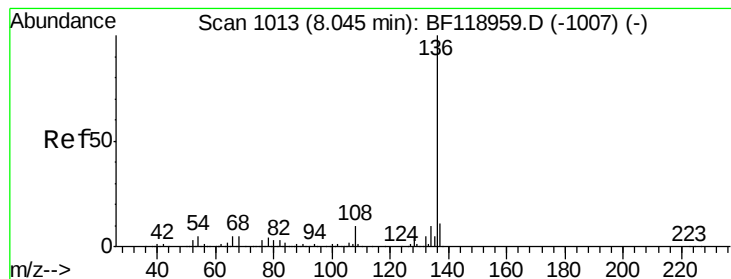
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	34.6	51.8
101	10.3	8.1	12.1
130	23.8	19.4	29.2



#20
3+4-Methylphenols
Concen: 46.574 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.0	107.0
77	77.3	106.2	146.2#
79	30.9	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 774649

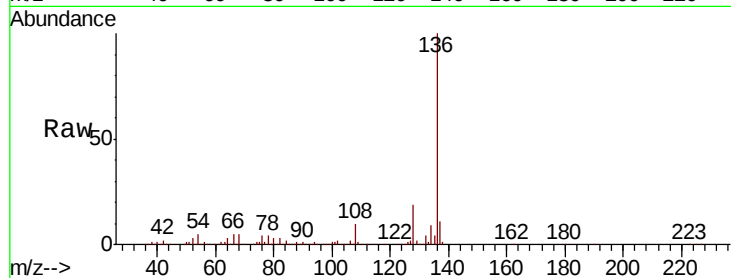
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.1 3.8 5.6

68 5.4 4.2 6.2

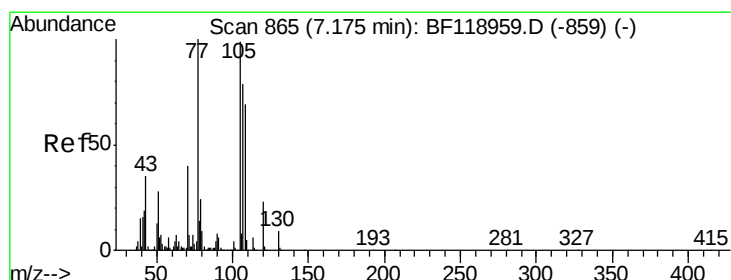
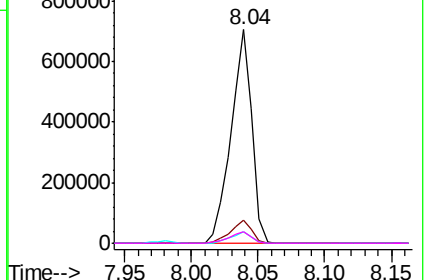
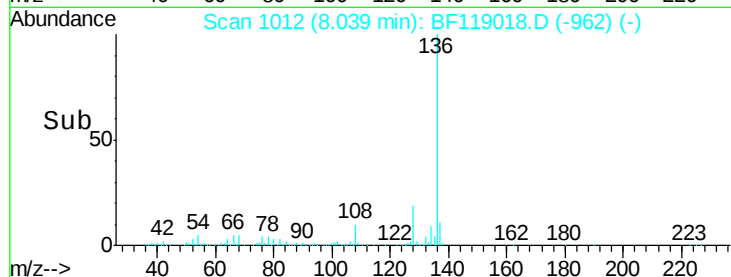


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.025 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:105 Resp: 878698

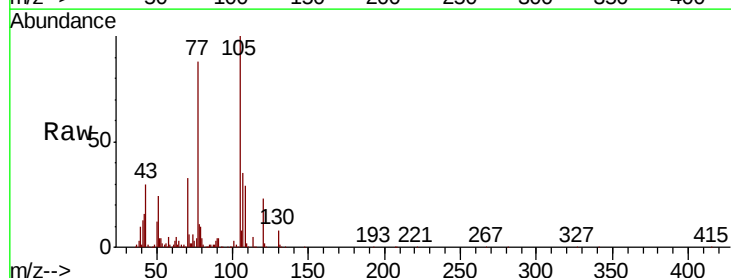
Ion Ratio Lower Upper

105 100

71 5.5 5.4 8.0

51 23.6 22.5 33.7

120 22.7 18.4 27.6

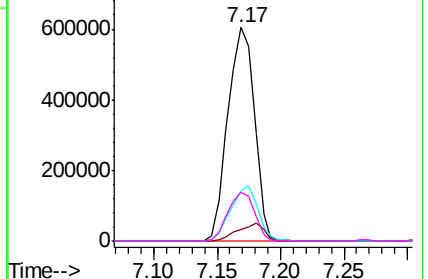
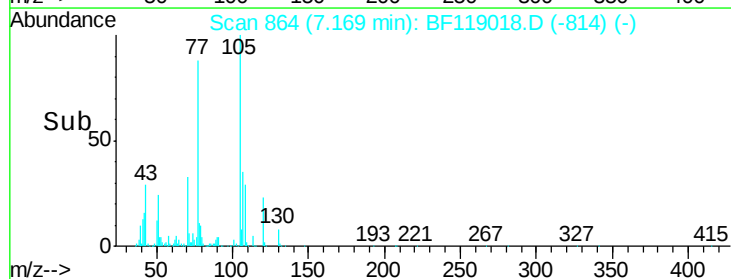


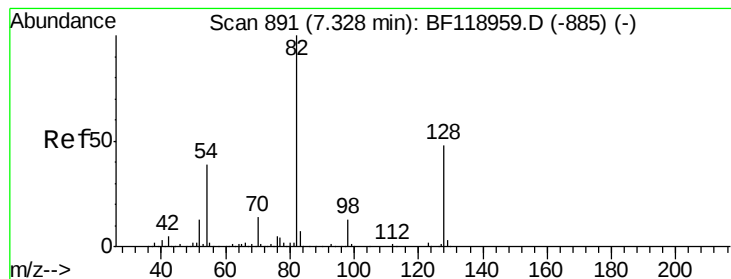
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.117 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

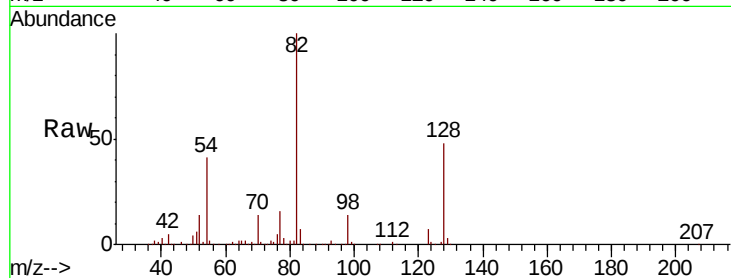
Tot Ion: 82 Resp: 1307471

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.2

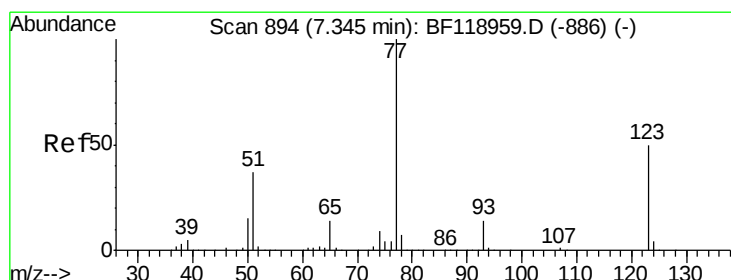
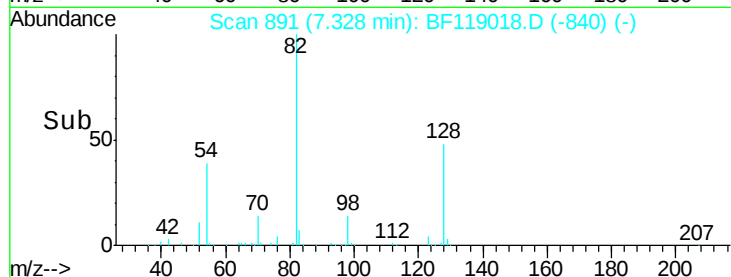
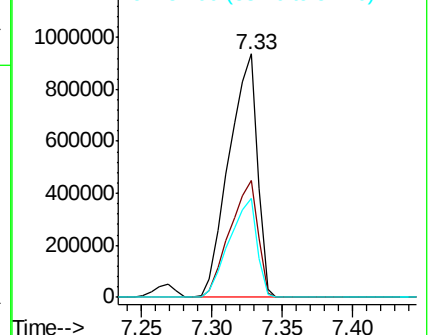
54 40.5 31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.502 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

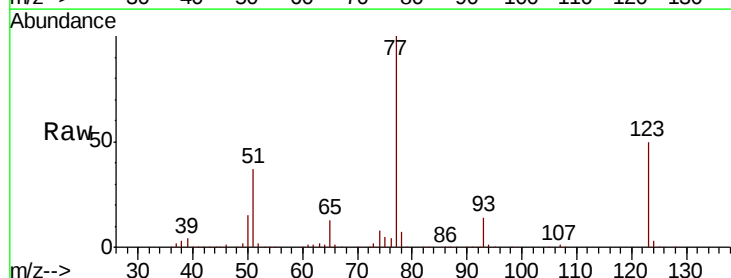
Tgt Ion: 77 Resp: 674670

Ion Ratio Lower Upper

77 100

123 50.1 40.1 60.1

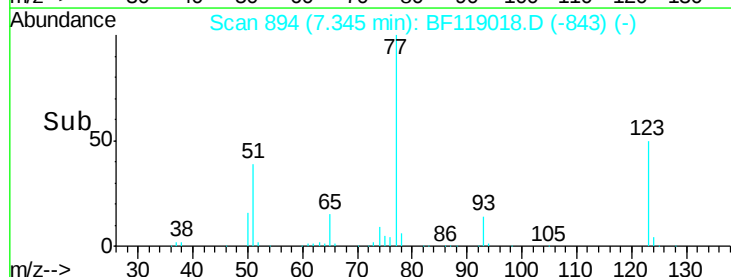
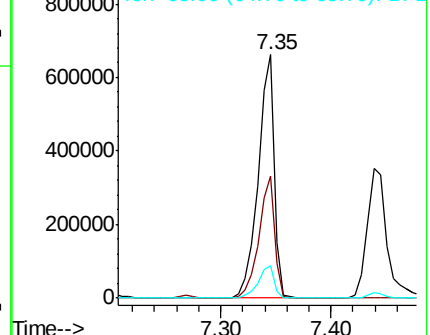
65 13.5 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.656 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

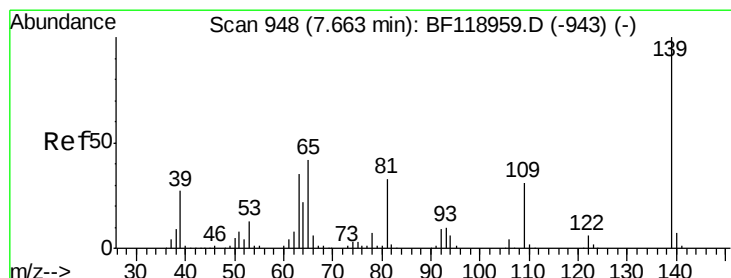
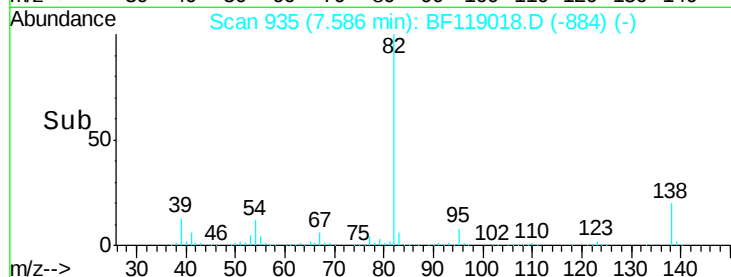
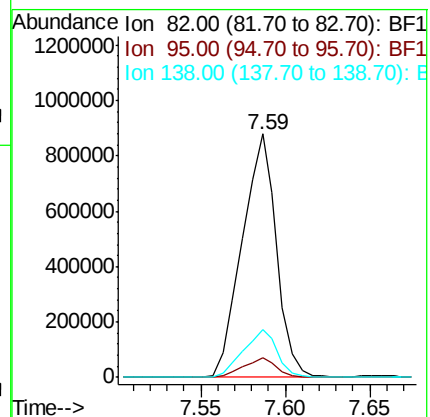
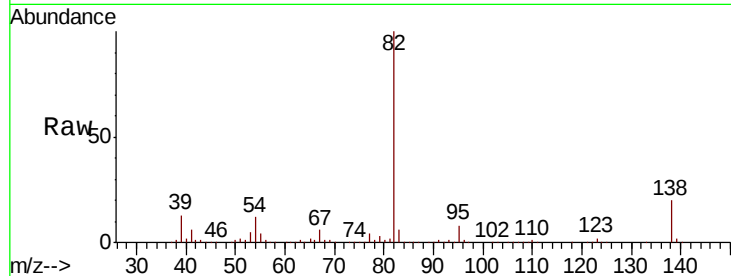
Tot Ion: 82 Resp: 1239743

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

138 19.5 15.8 23.6



#26

2-Nitrophenol

Concen: 48.631 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

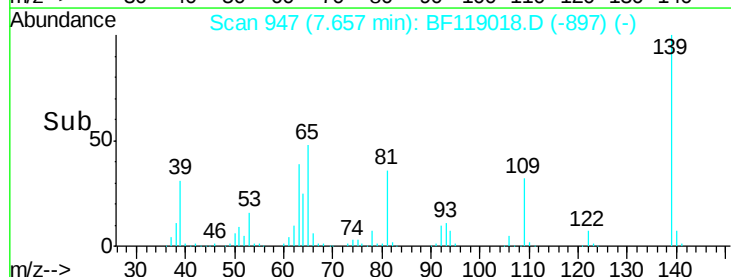
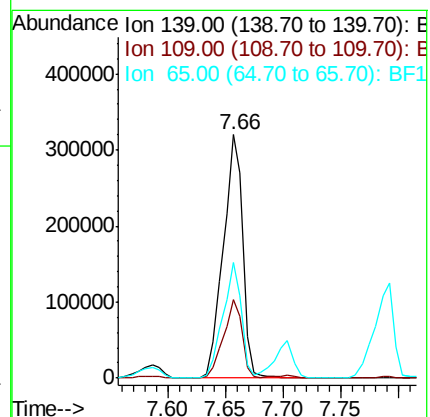
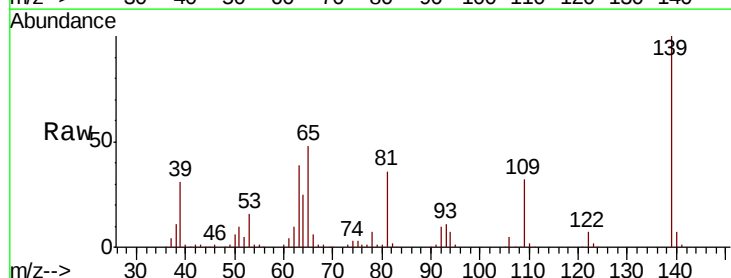
Tgt Ion: 139 Resp: 373844

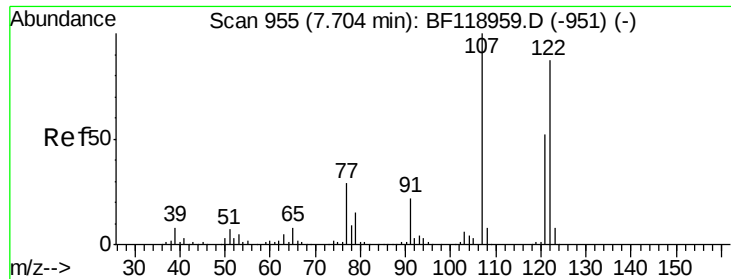
Ion Ratio Lower Upper

139 100

109 32.3 24.6 36.8

65 47.7 33.6 50.4

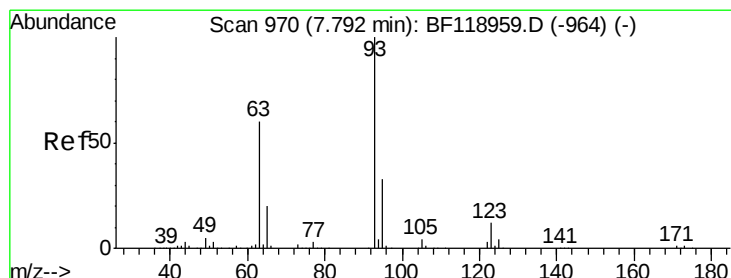
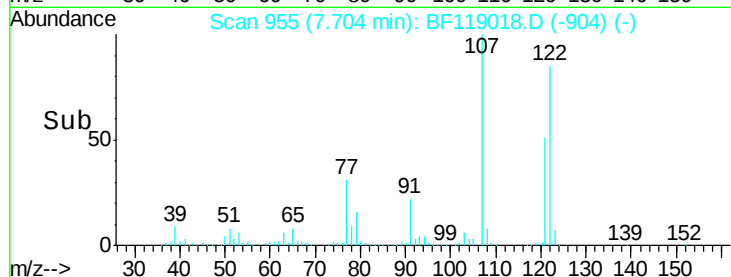
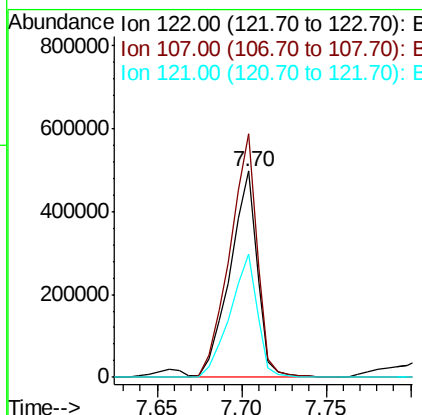
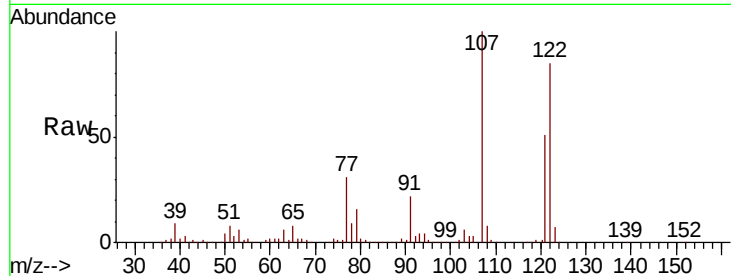




#27
 2,4-Dimethylphenol
 Concen: 53.377 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

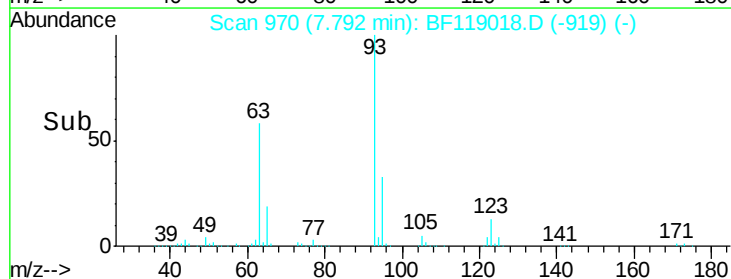
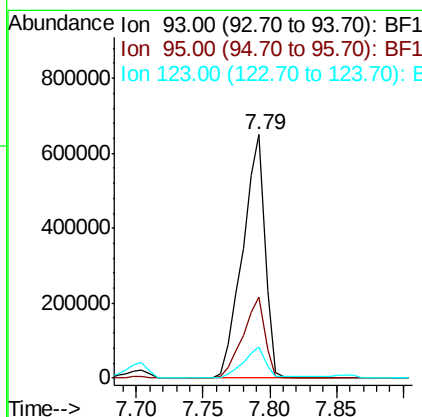
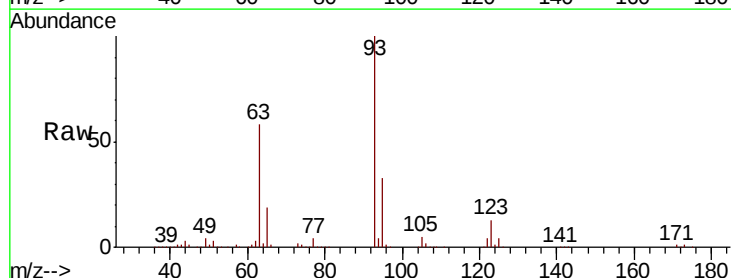
Instrument :
 BNA_F
 ClientSampleId :

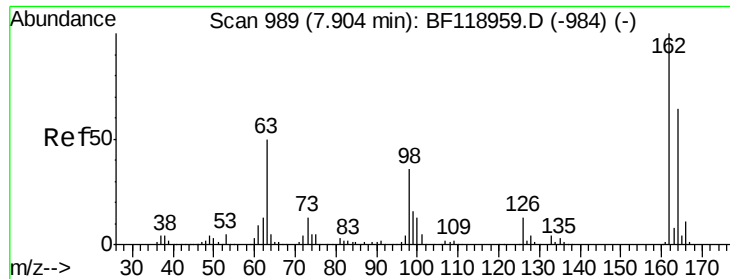
Tot Ion:122 Resp: 556882
 Ion Ratio Lower Upper
 122 100
 107 118.2 91.8 137.8
 121 60.1 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.368 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion: 93 Resp: 752414
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 12.8 9.8 14.8

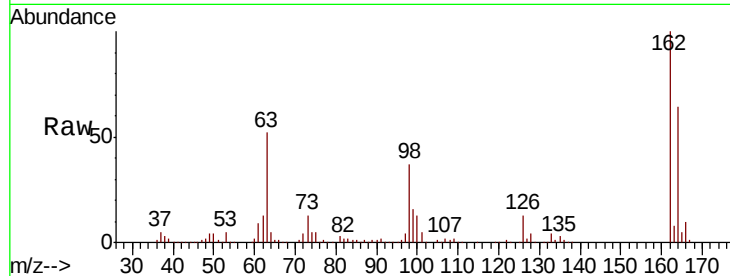




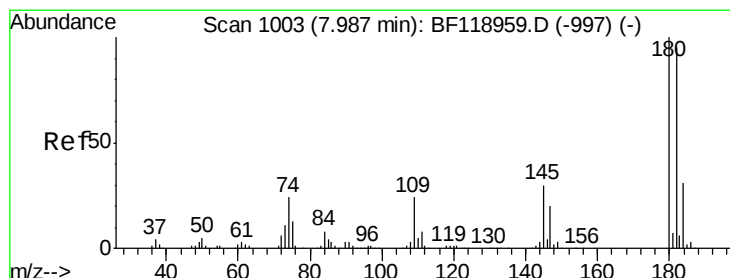
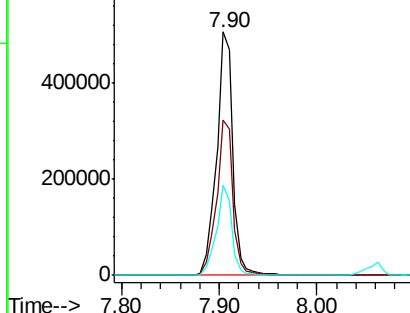
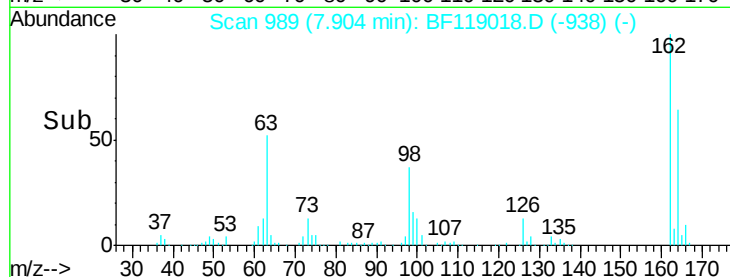
#29
 2,4-Dichlorophenol
 Concen: 47.322 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.1	84.1
98	37.2	16.4	56.4

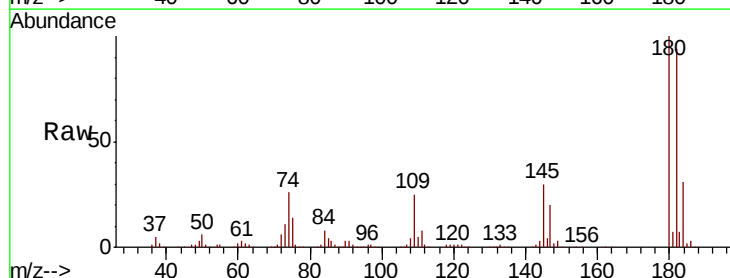


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

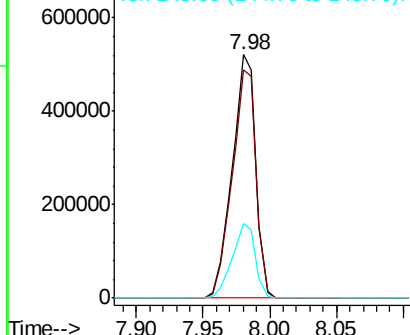
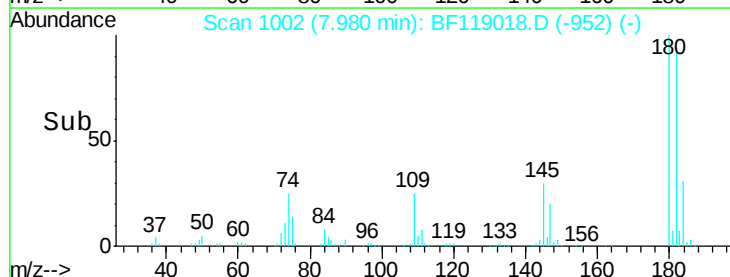


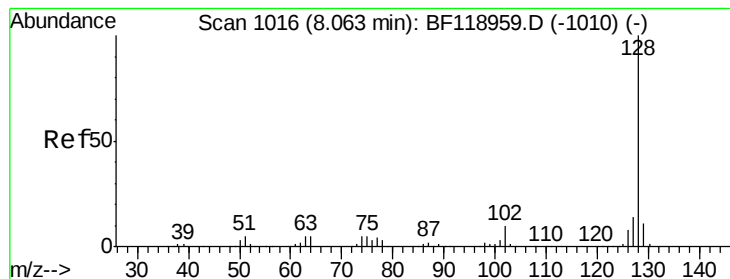
#30
 1,2,4-Trichlorobenzene
 Concen: 44.141 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.8
145	30.5	24.2	36.2



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: 45.947 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

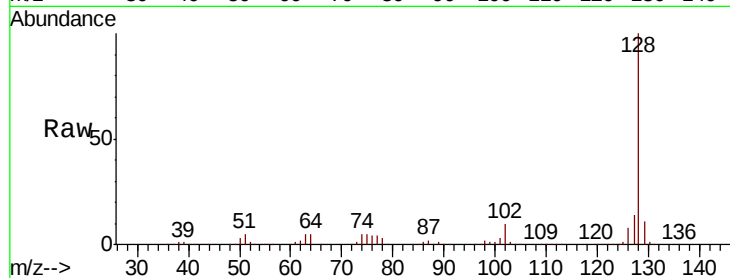
Tot Ion:128 Resp: 1845907

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

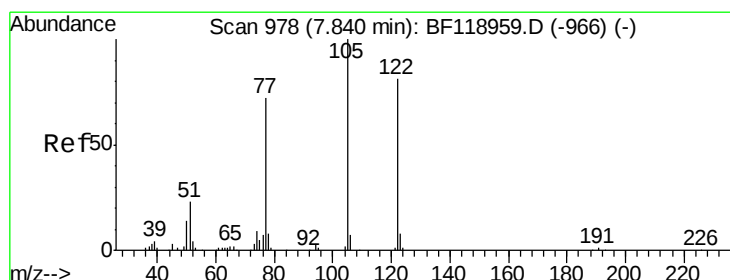
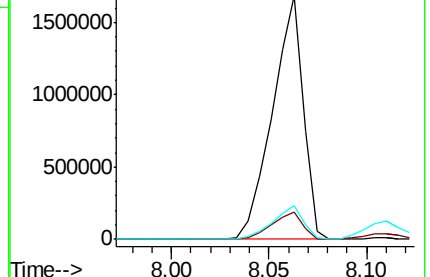
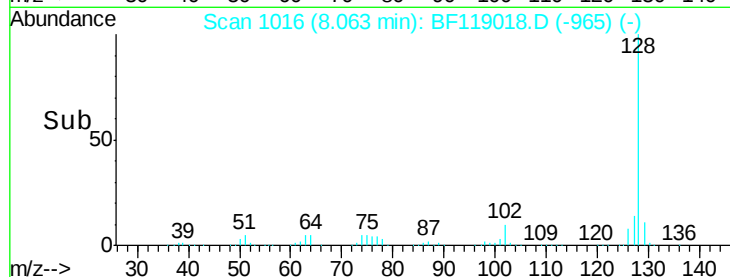
127 14.0 10.9 16.3



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: 43.493 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

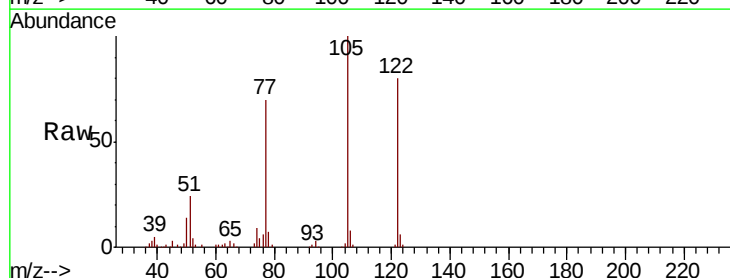
Tgt Ion:122 Resp: 325553

Ion Ratio Lower Upper

122 100

105 125.2 102.2 142.2

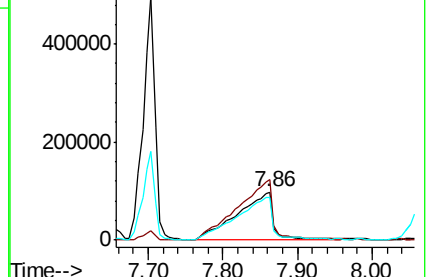
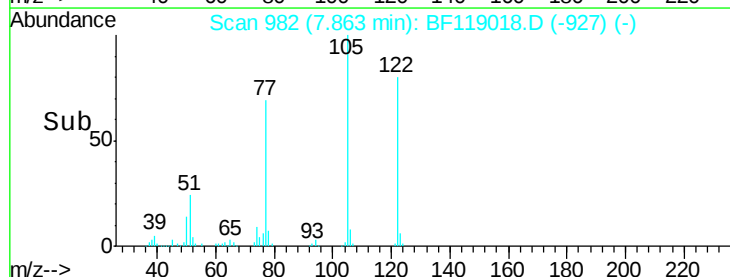
77 88.0 68.6 108.6

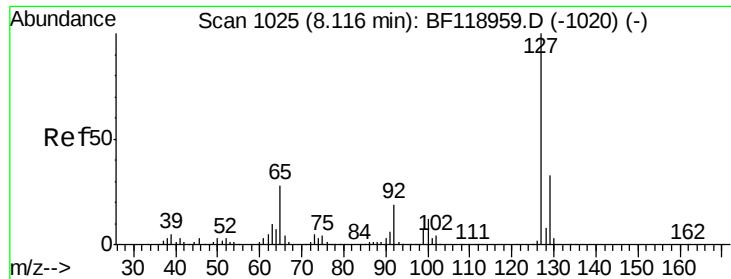


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

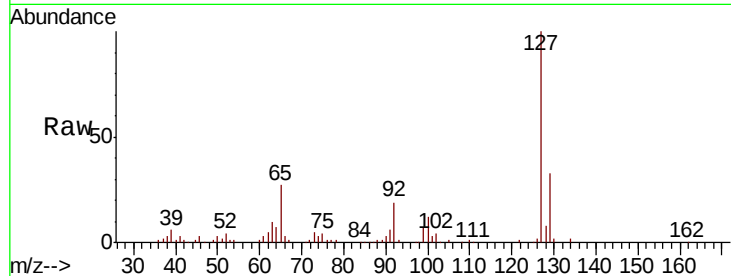




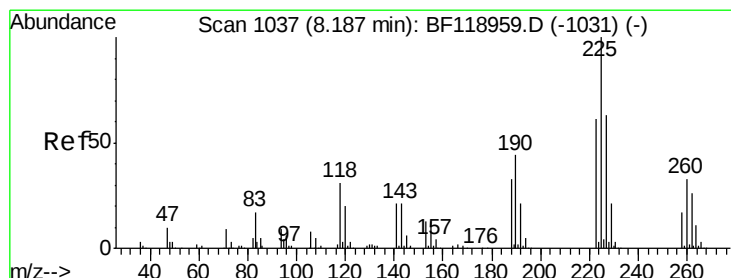
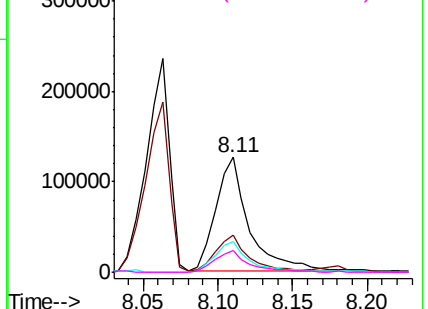
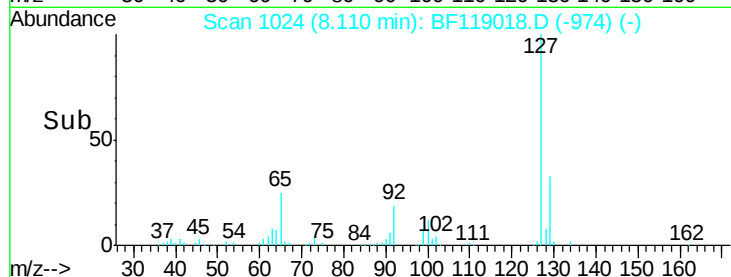
#33
4-Chloroaniline
Concen: 11.368 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	196439
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	26.6	22.0	33.0
92	18.7	15.5	23.3

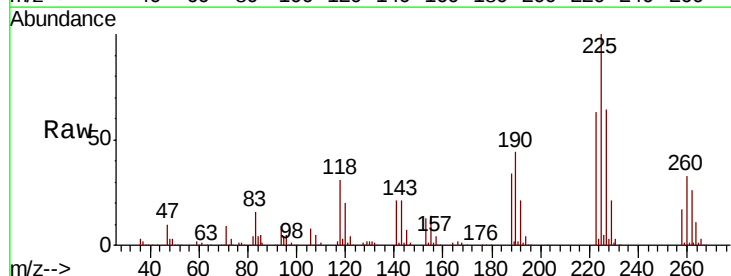


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

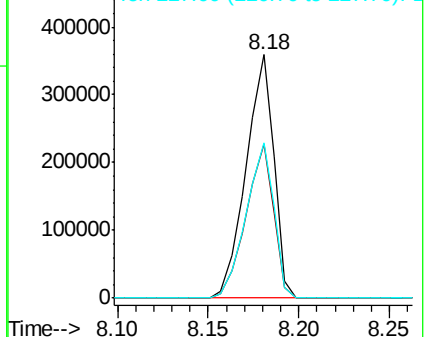
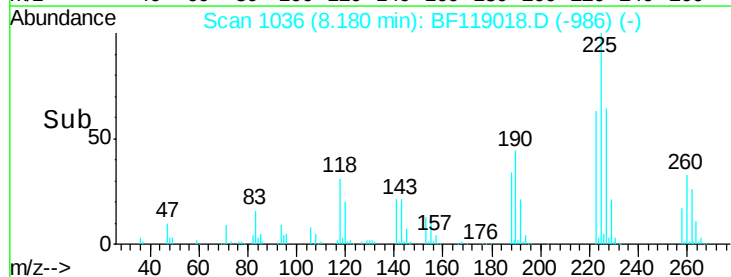


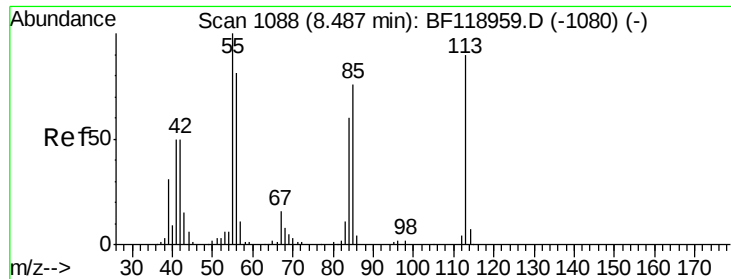
#34
Hexachlorobutadiene
Concen: 42.311 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:	225	Resp:	383798
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.9	73.3
227	63.8	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

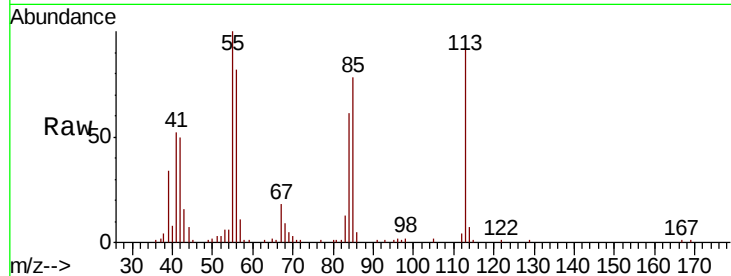




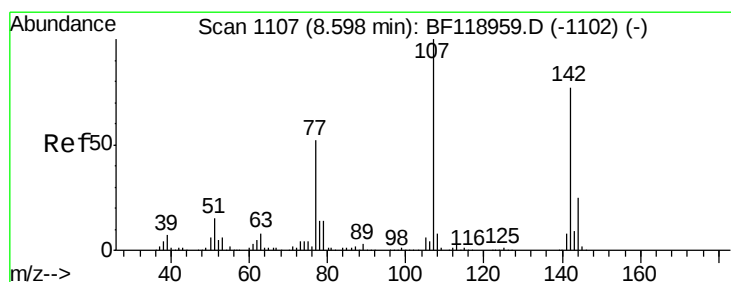
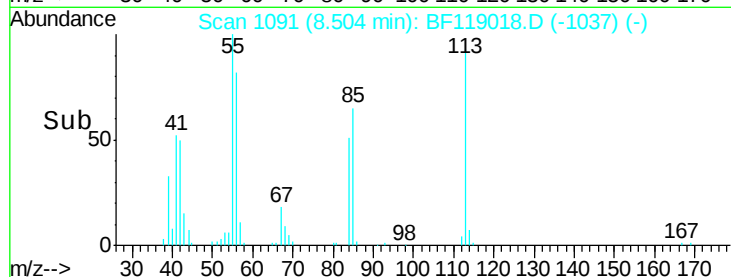
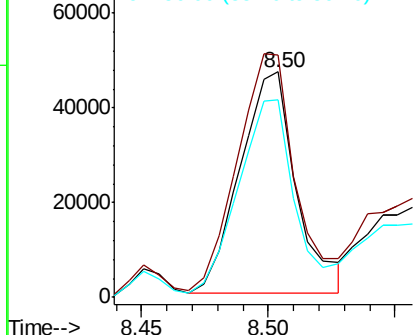
#35
 Caprolactam
 Concen: 19.314 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.02 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 73042
 Ion Ratio Lower Upper
 113 100
 55 107.5 90.8 130.8
 56 87.8 70.0 110.0

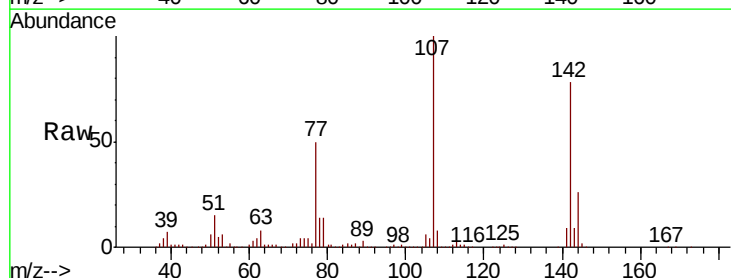


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

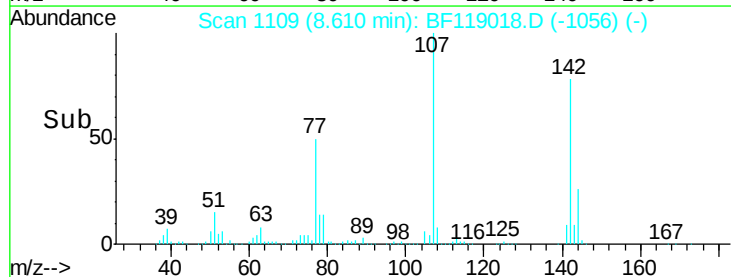
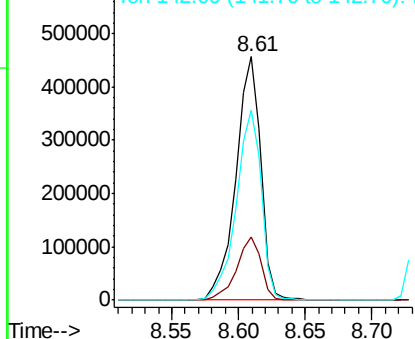


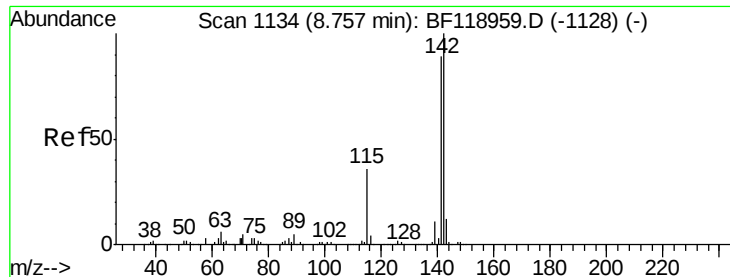
#36
 4-Chloro-3-methylphenol
 Concen: 47.745 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:107 Resp: 593480
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.8 29.8
 142 78.0 61.3 91.9



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

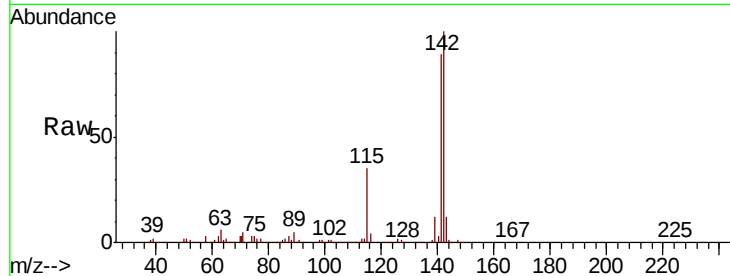




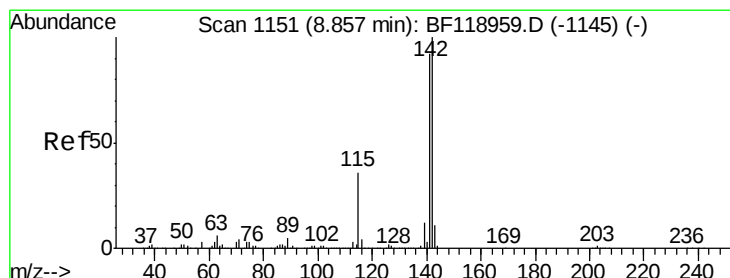
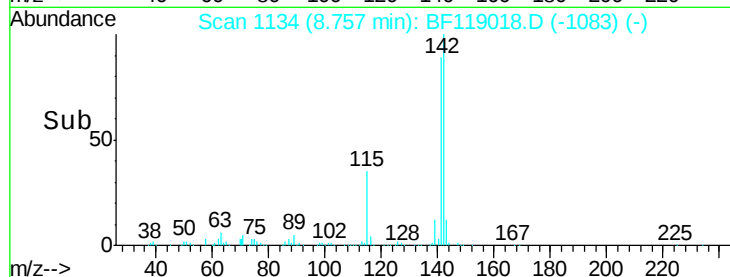
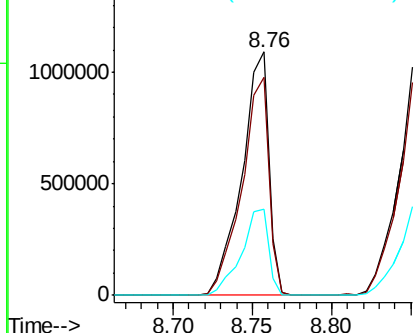
#37
2-Methylnaphthalene
Concen: 47.707 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1289821
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.4
115 35.4 28.6 42.8

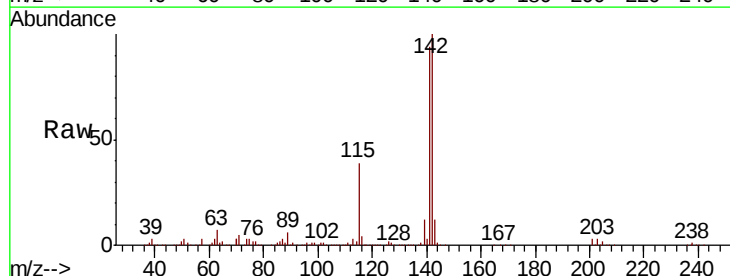


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

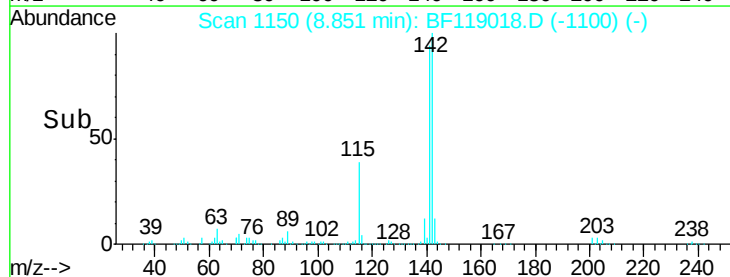
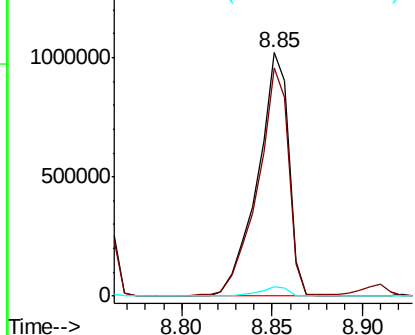


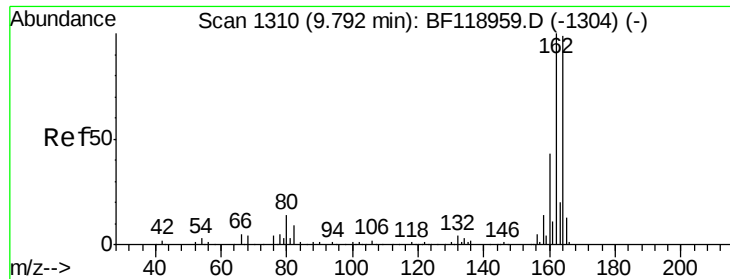
#38
1-Methylnaphthalene
Concen: 47.600 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:142 Resp: 1210290
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5
116 4.1 3.0 4.6



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

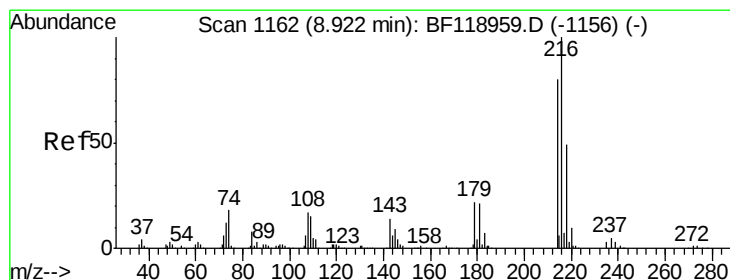
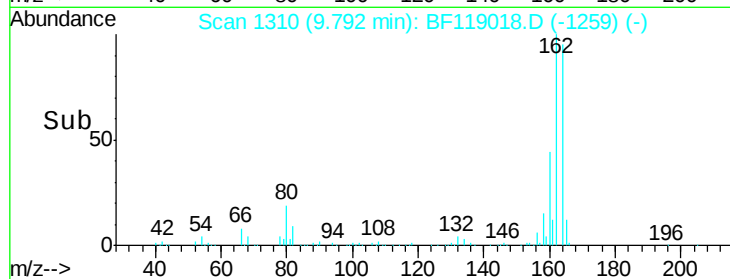
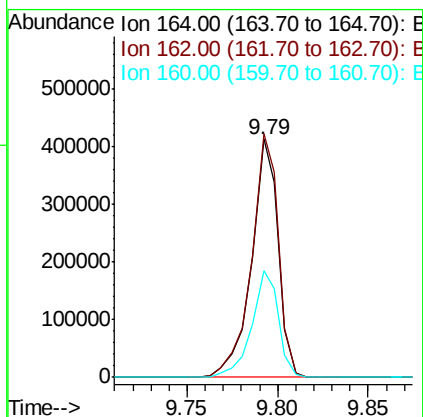
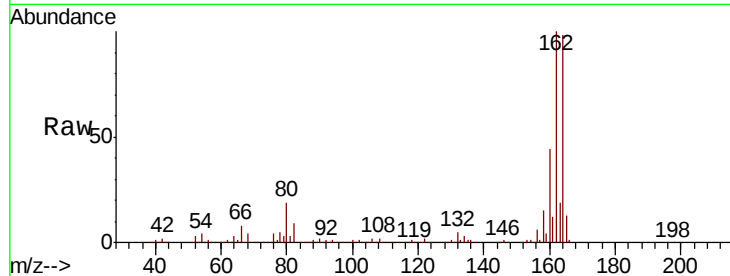




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

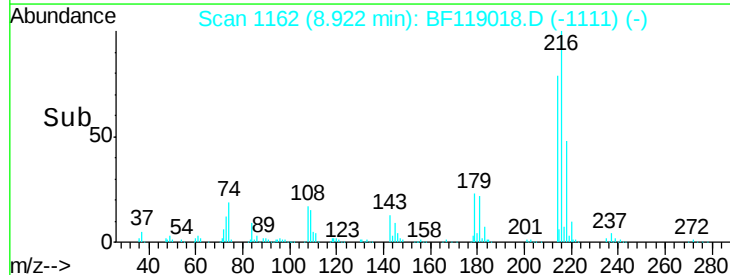
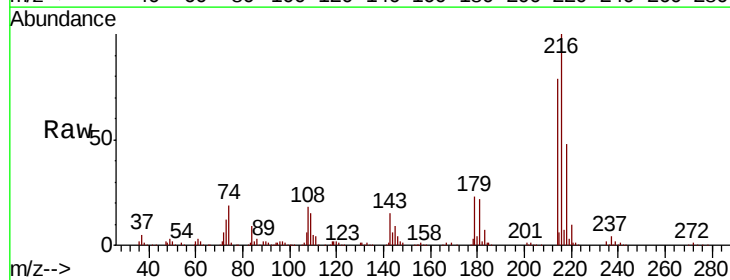
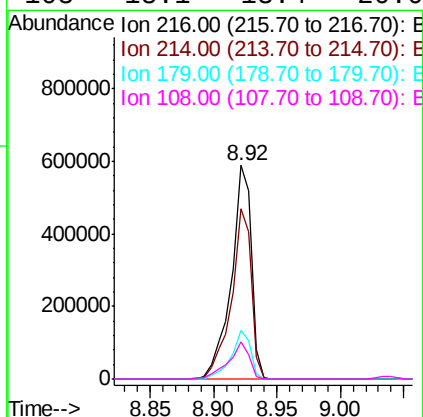
Instrument :
 BNA_F
 ClientSampled :

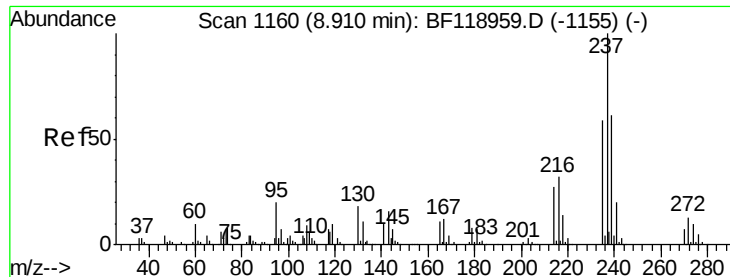
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	44.7	35.2	52.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.095 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	21.7	17.2	25.8
108	18.1	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 83.812 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

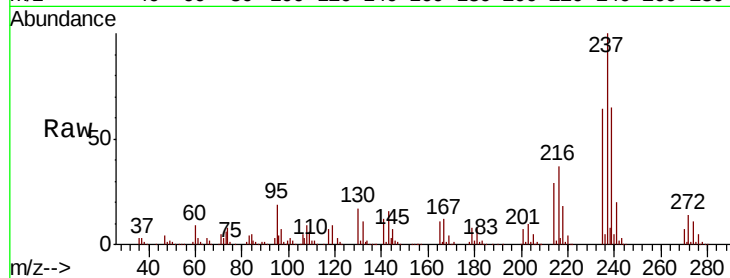
Tot Ion:237 Resp: 435740

Ion Ratio Lower Upper

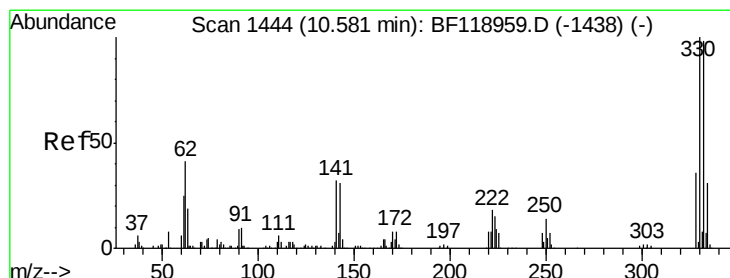
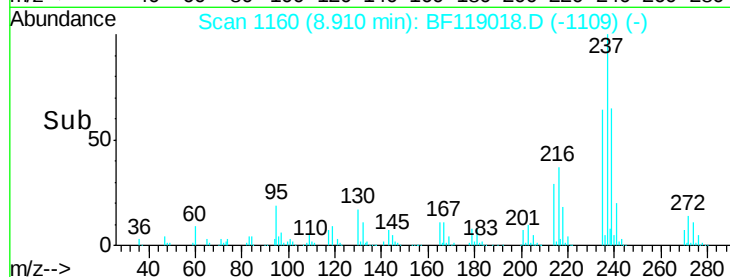
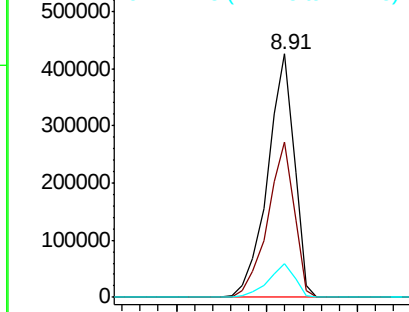
237 100

235 63.8 39.4 79.4

272 13.7 0.0 32.6



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: 128.149 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

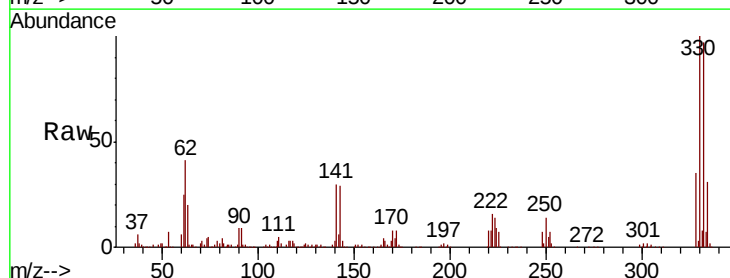
Tgt Ion:330 Resp: 705908

Ion Ratio Lower Upper

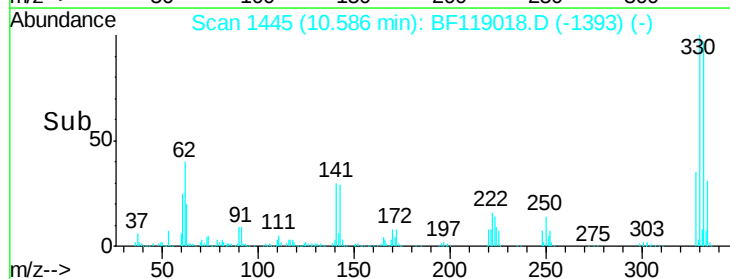
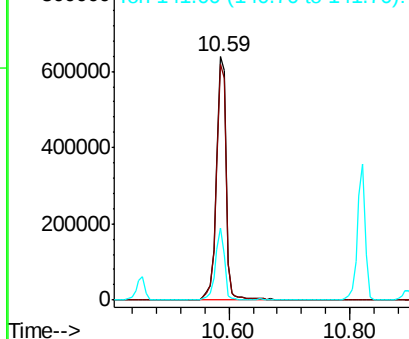
330 100

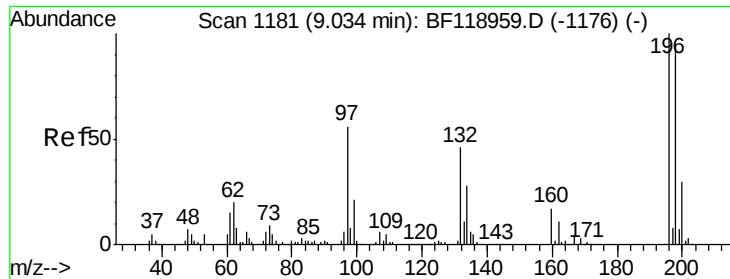
332 96.2 77.1 115.7

141 27.9 23.0 34.6



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

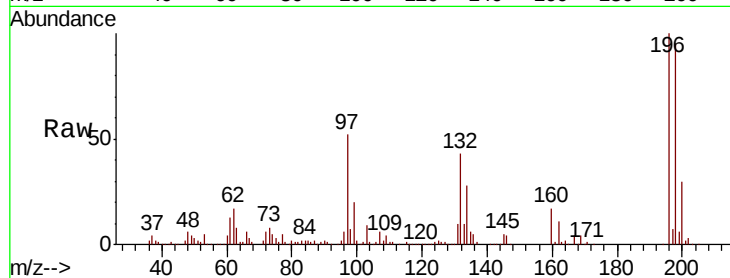




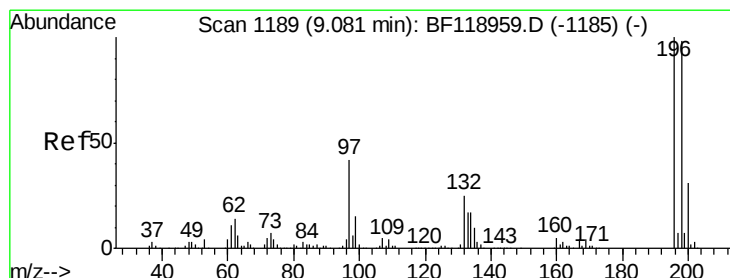
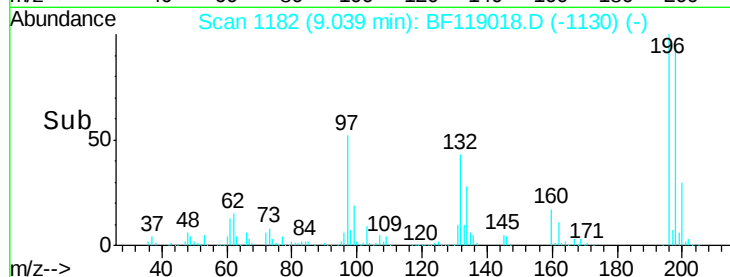
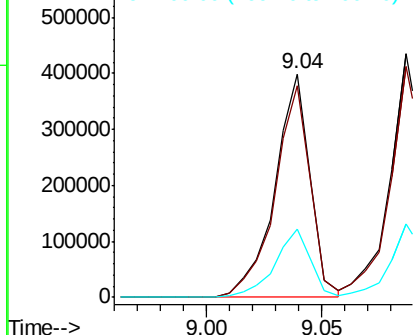
#43
 2,4,6-Trichlorophenol
 Concen: 46.713 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 418801
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.8 113.6
 200 30.3 24.1 36.1

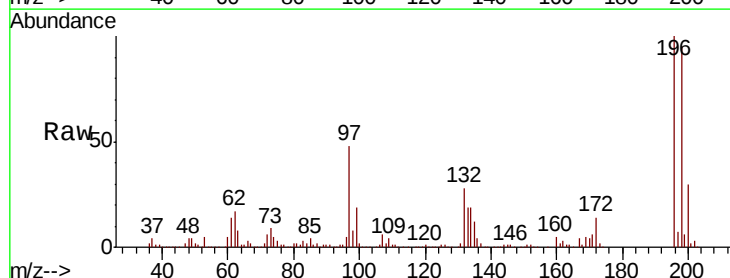


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

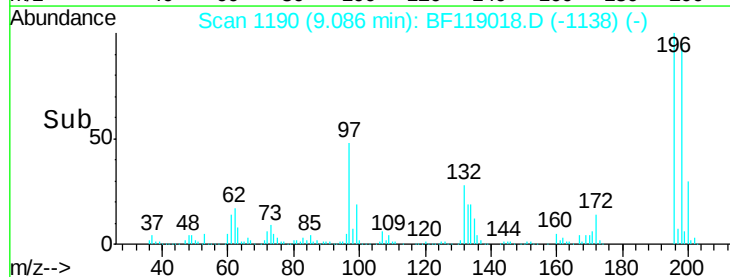
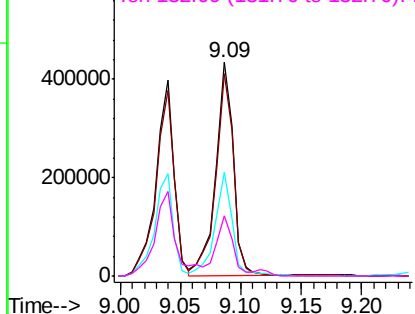


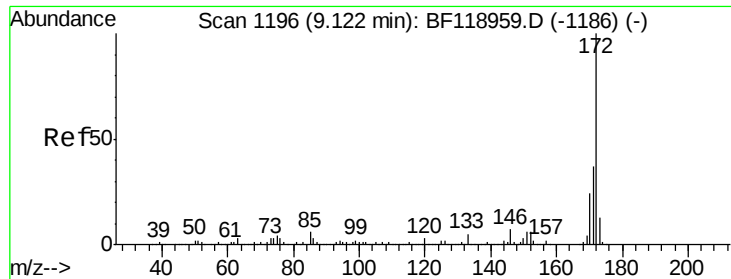
#44
 2,4,5-Trichlorophenol
 Concen: 46.338 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:196 Resp: 435943
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.4 117.6
 97 48.3 33.4 50.0
 132 28.0 20.6 30.8



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

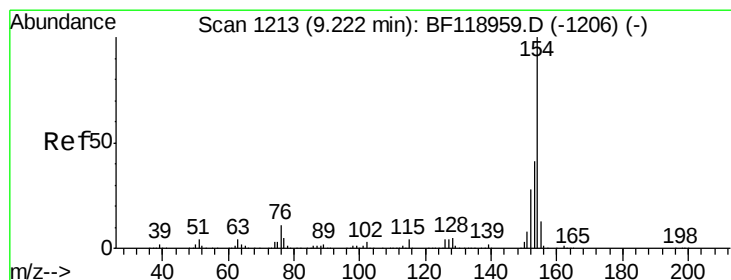
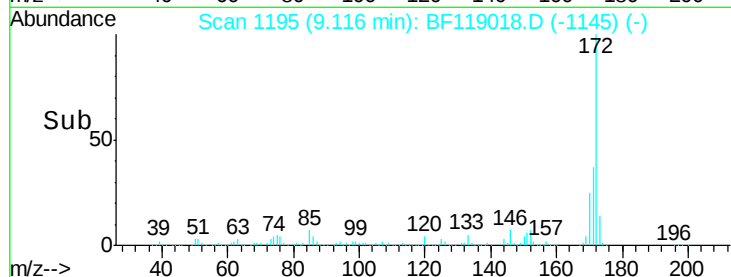
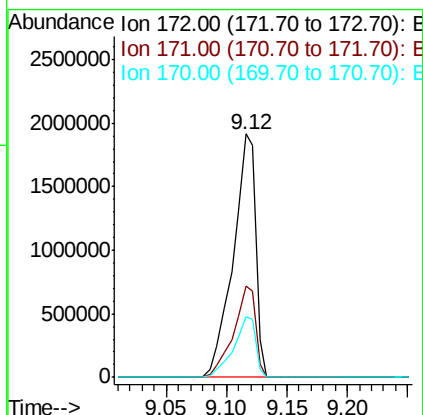
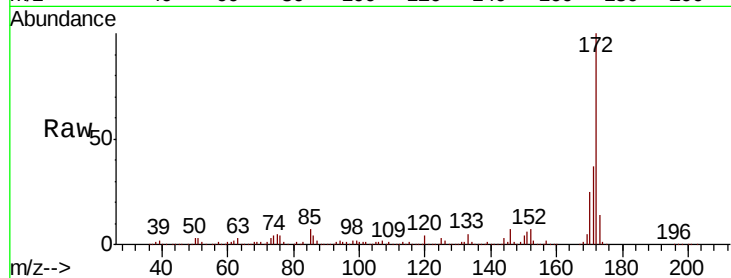




#45
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

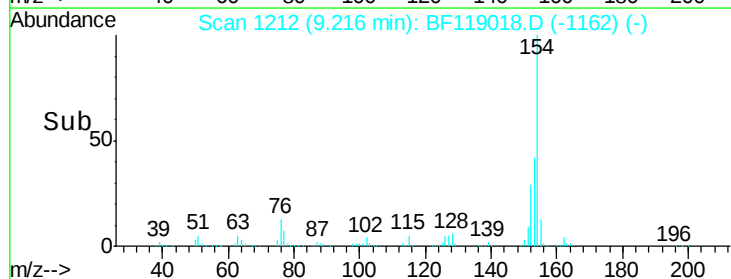
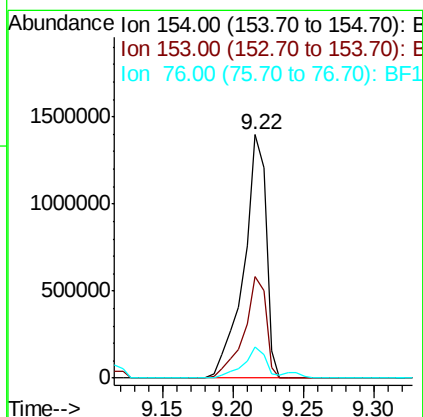
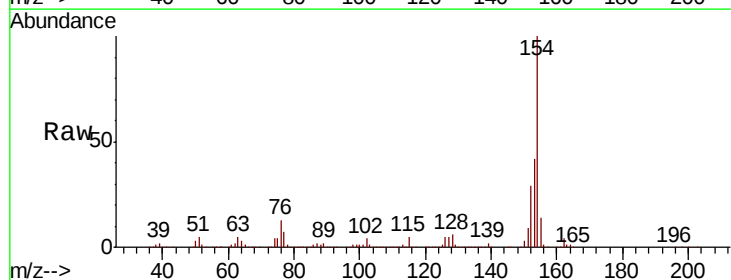
Instrument :
BNA_F
ClientSampleId :

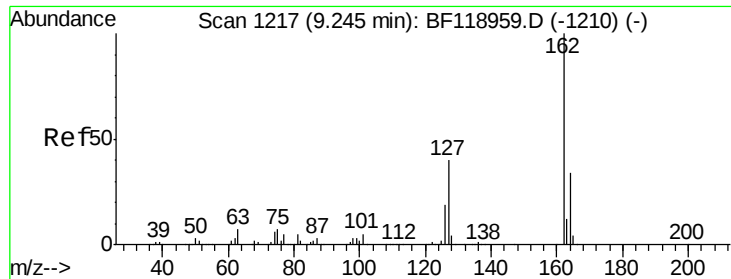
Tot Ion:172 Resp: 2487265
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.2
170 24.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 45.418 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:154 Resp: 1545683
Ion Ratio Lower Upper
154 100
153 41.8 21.2 61.2
76 12.9 0.0 31.1

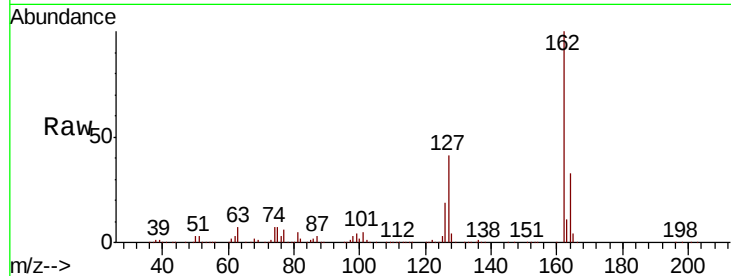




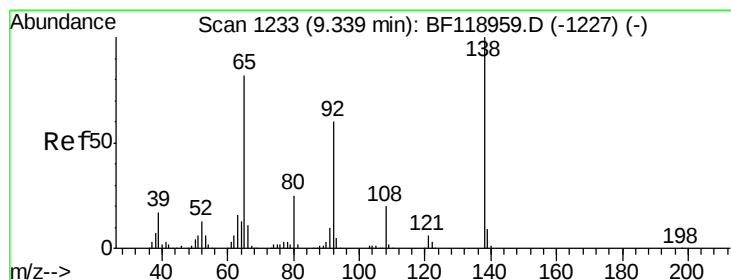
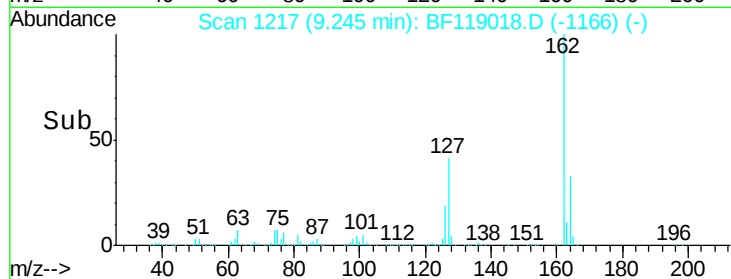
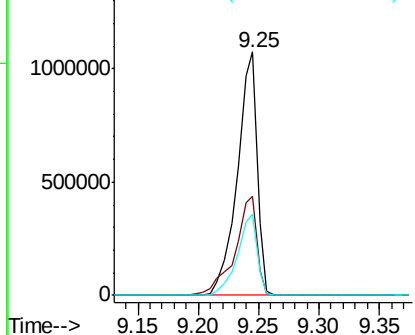
#47
 2-Chloronaphthalene
 Concen: 45.019 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.9	47.9
164	33.5	26.8	40.2

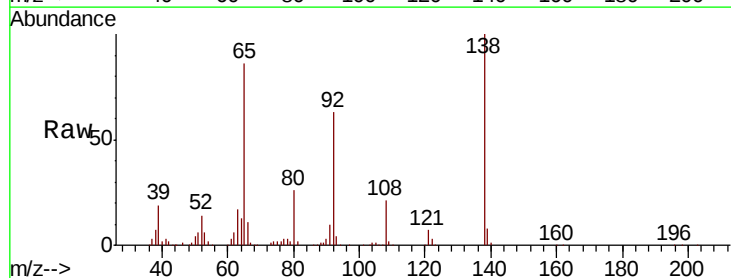


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

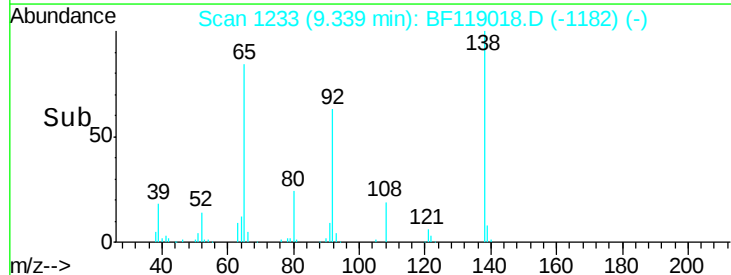
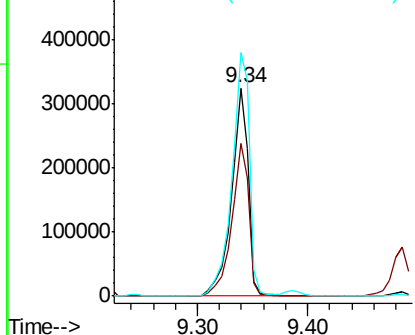


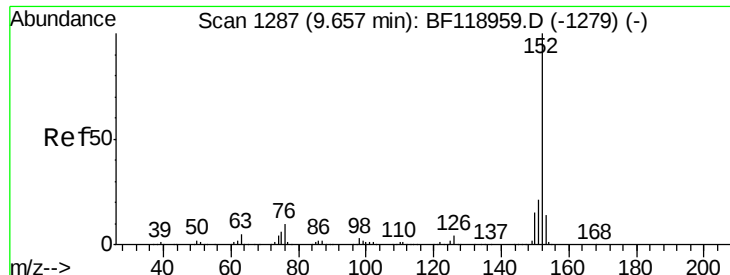
#48
 2-Nitroaniline
 Concen: 45.214 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.6	87.8
138	116.8	97.5	146.3



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: 47.089 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

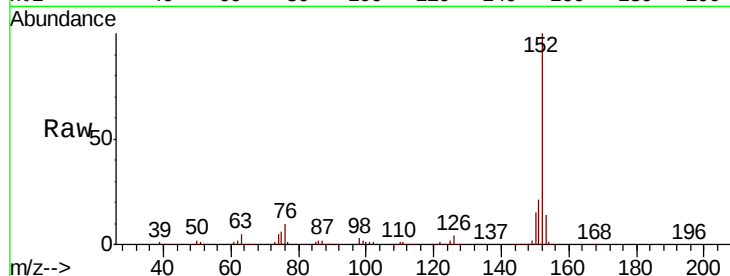
Tot Ion:152 Resp: 1865152

Ion Ratio Lower Upper

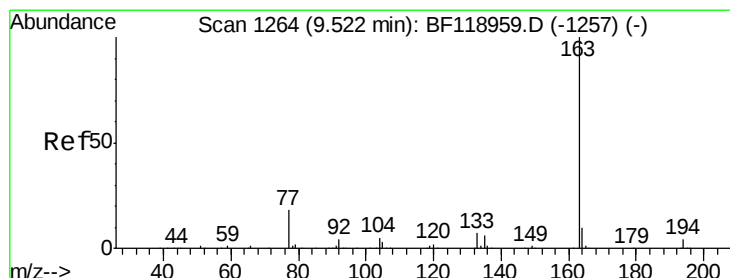
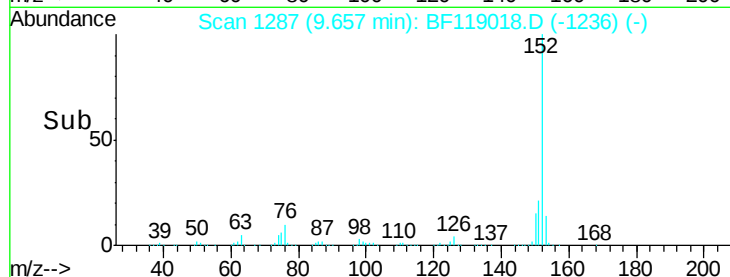
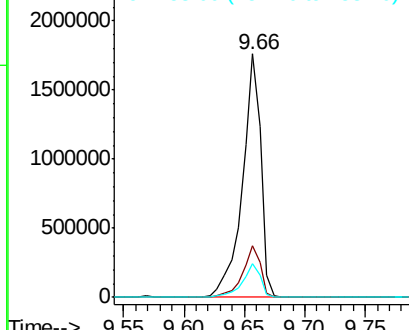
152 100

151 21.0 16.7 25.1

153 13.9 10.9 16.3



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: 47.617 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

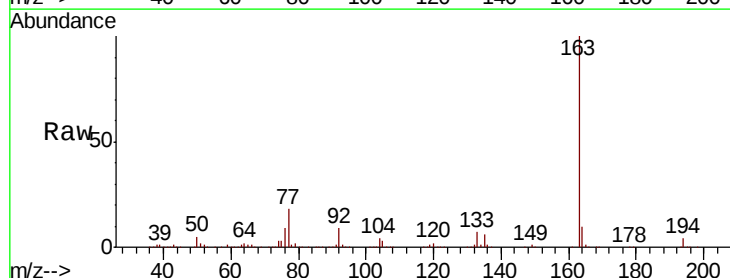
Tgt Ion:163 Resp: 1533237

Ion Ratio Lower Upper

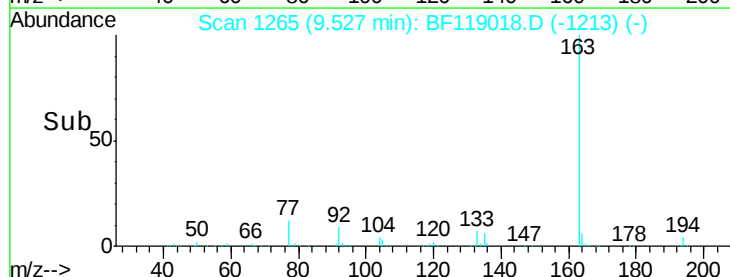
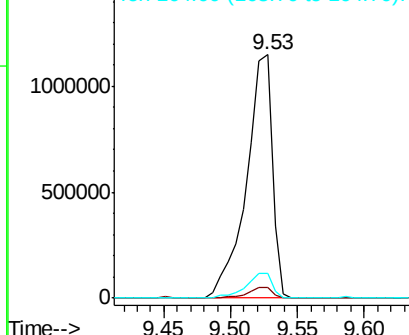
163 100

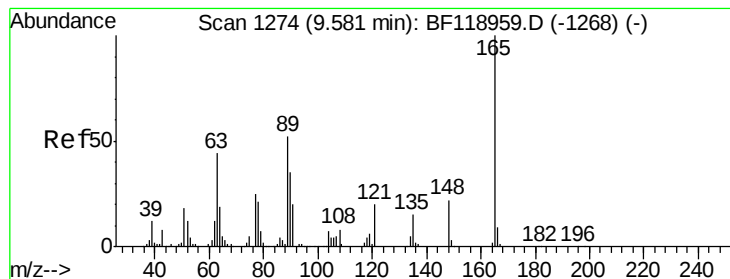
194 4.4 3.4 5.2

164 10.2 8.2 12.2



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: 47.173 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

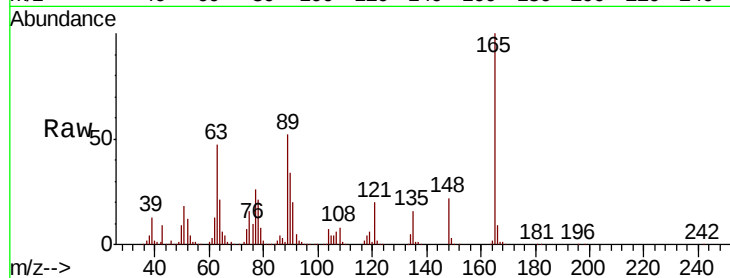
Tot Ion:165 Resp: 337466

Ion Ratio Lower Upper

165 100

63 47.2 37.9 56.9

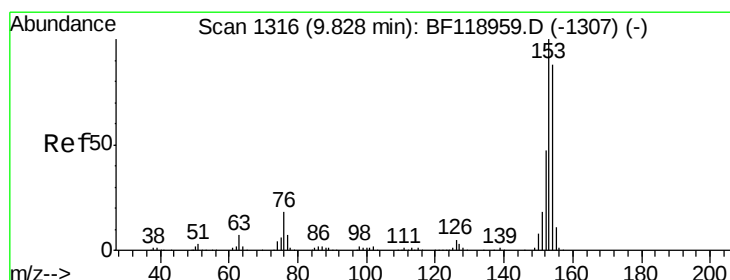
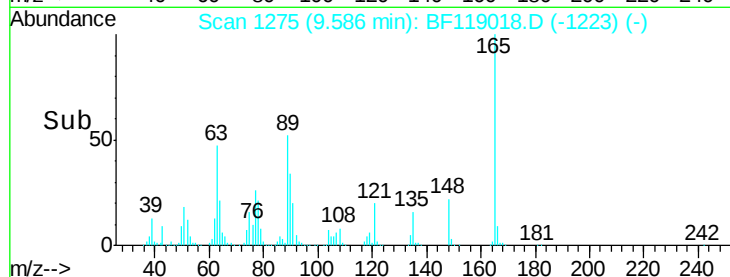
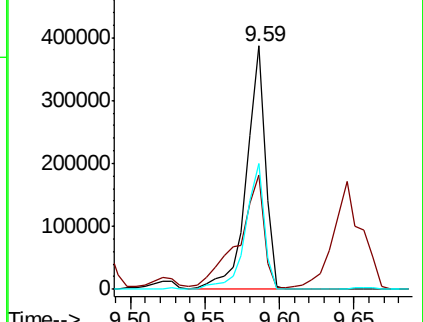
89 51.7 41.4 62.0



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: 45.935 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

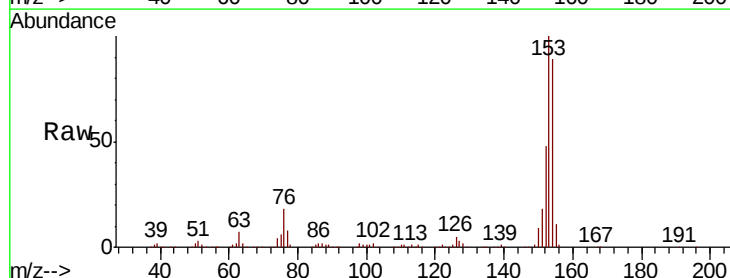
Tgt Ion:154 Resp: 1097117

Ion Ratio Lower Upper

154 100

153 112.3 90.4 135.6

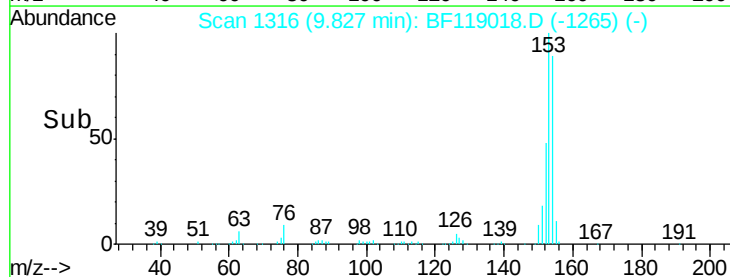
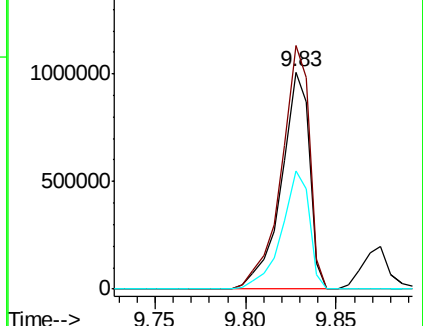
152 54.3 42.9 64.3

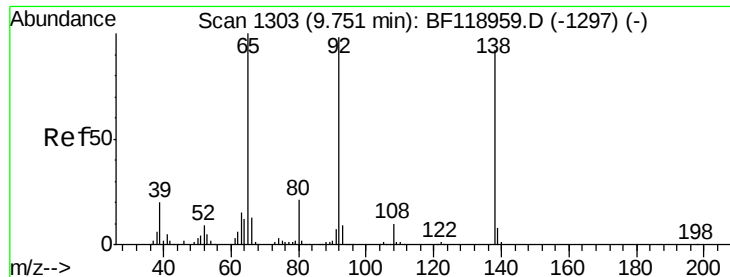


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

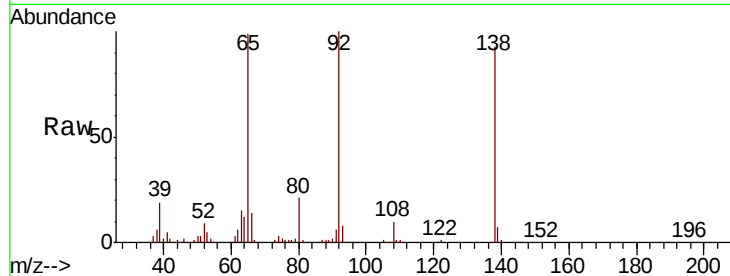




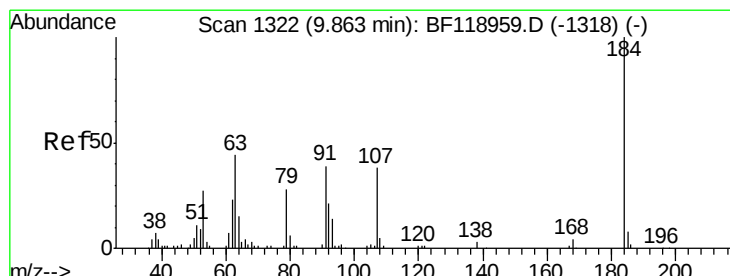
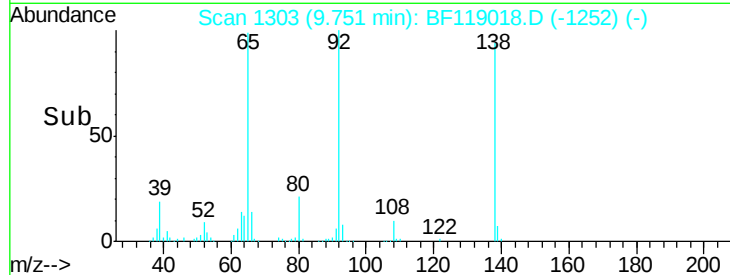
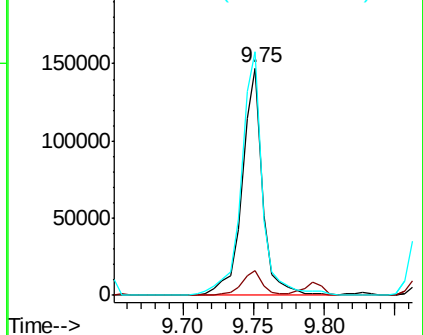
#53
3-Nitroaniline
Concen: 18.664 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 148017
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 107.0 84.6 127.0

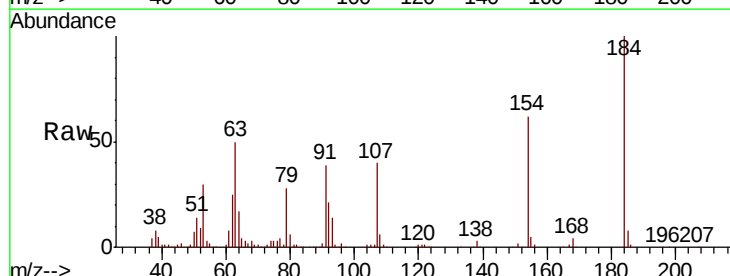


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

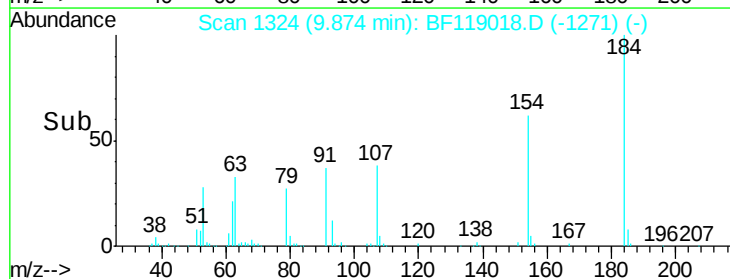
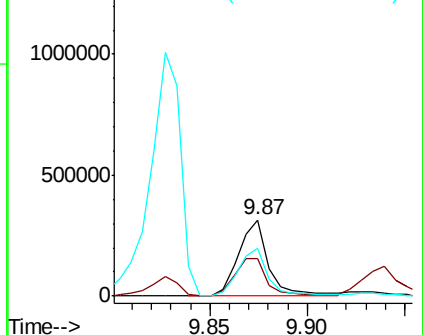


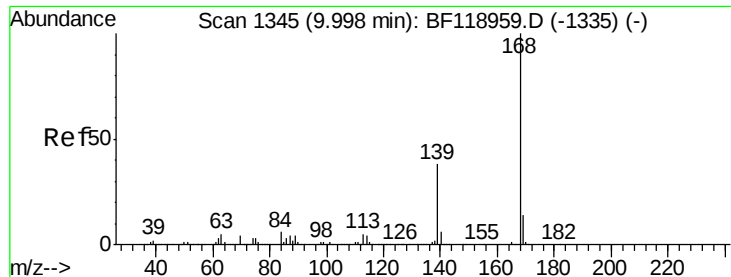
#54
2,4-Dinitrophenol
Concen: 95.626 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:184 Resp: 338082
Ion Ratio Lower Upper
184 100
63 49.9 37.8 56.6
154 61.7 47.6 71.4



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

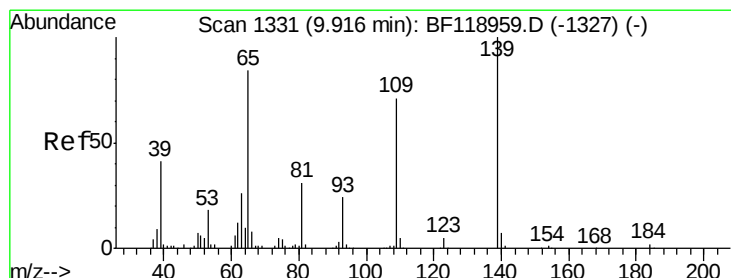
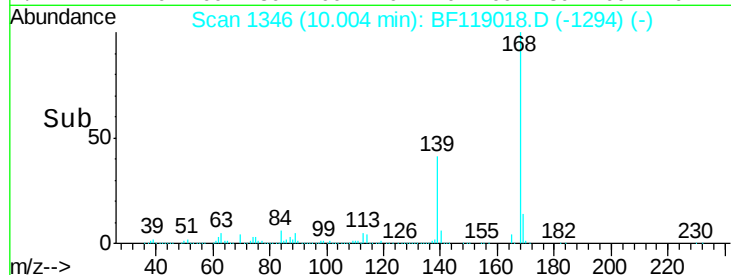
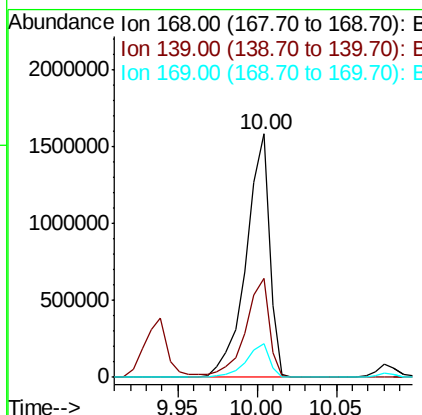
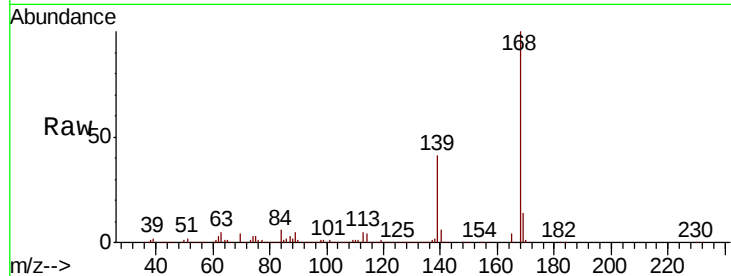




#55
Dibenzenofuran
Concen: 45.496 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

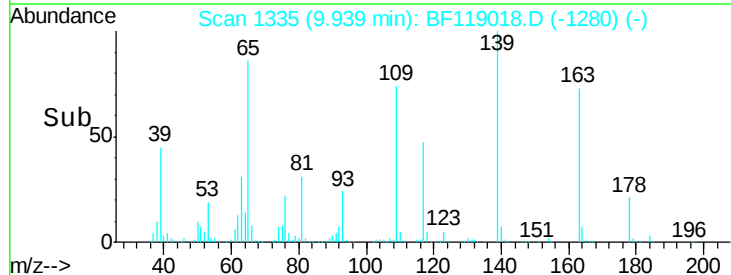
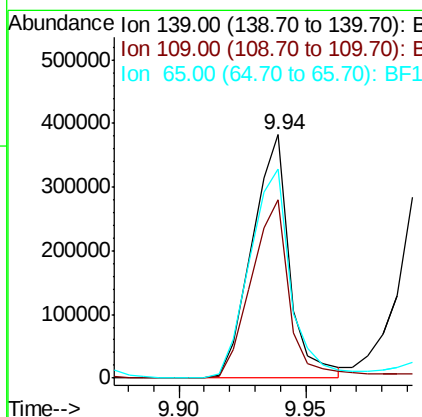
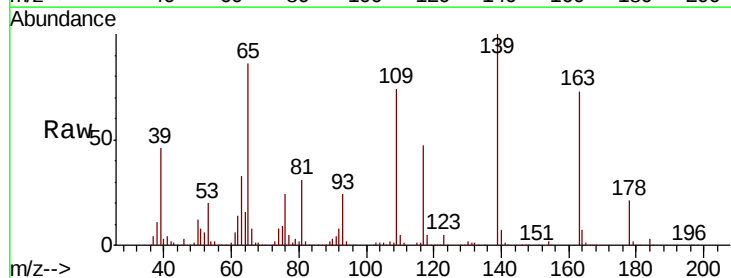
Instrument :
BNA_F
ClientSampleId :

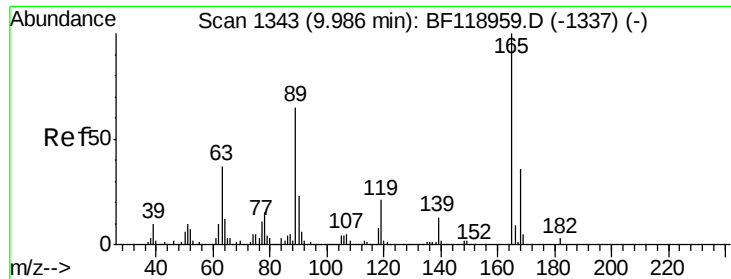
Tot Ion:168 Resp: 1621900
Ion Ratio Lower Upper
168 100
139 40.9 31.7 47.5
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 82.854 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:139 Resp: 394797
Ion Ratio Lower Upper
139 100
109 73.5 51.1 91.1
65 85.8 64.7 104.7

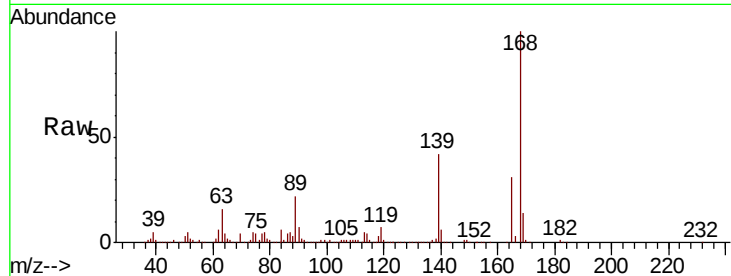




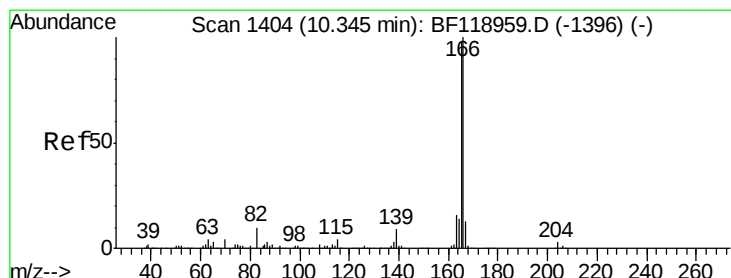
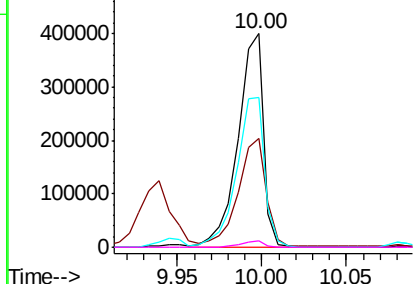
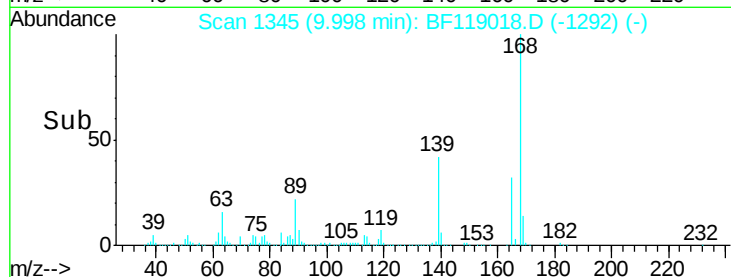
#57
 2,4-Dinitrotoluene
 Concen: 45.206 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 419173
 Ion Ratio Lower Upper
 165 100
 63 50.9 29.8 44.8#
 89 70.1 51.9 77.9
 182 2.9 2.3 3.5

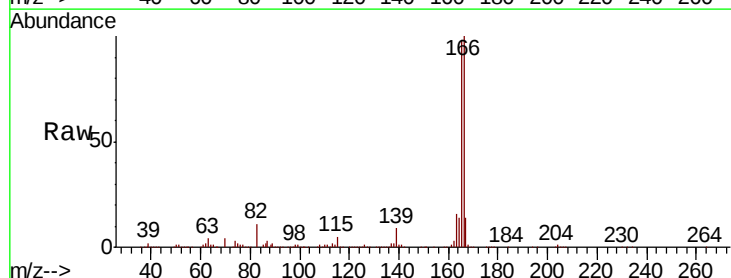


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

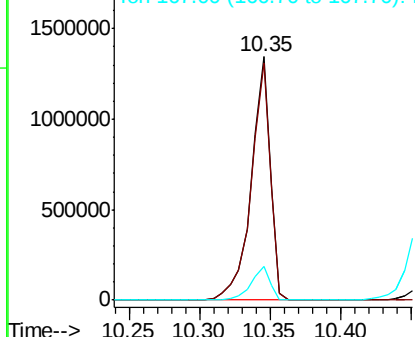
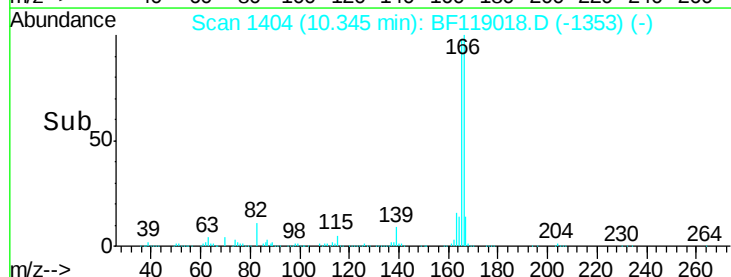


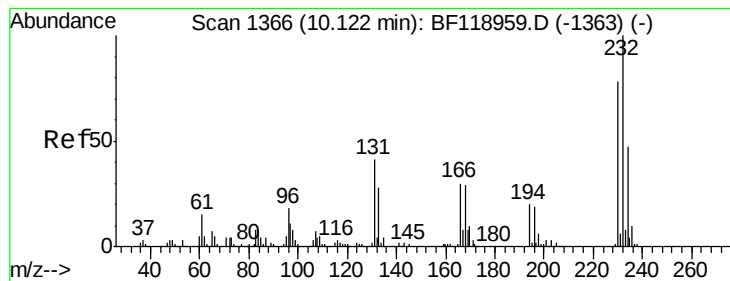
#58
 Fluorene
 Concen: 46.089 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:166 Resp: 1276712
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.2 117.4
 167 13.6 10.6 16.0



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: 47.203 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 374715

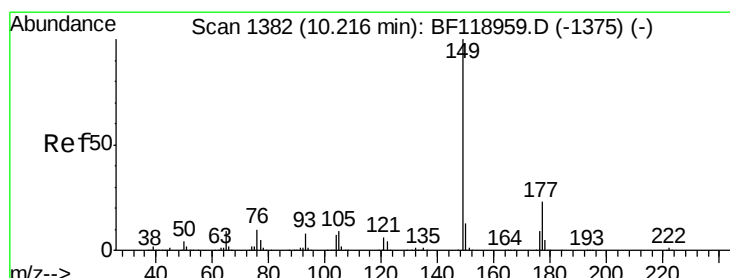
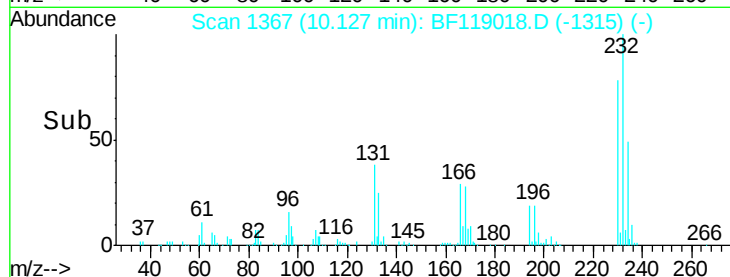
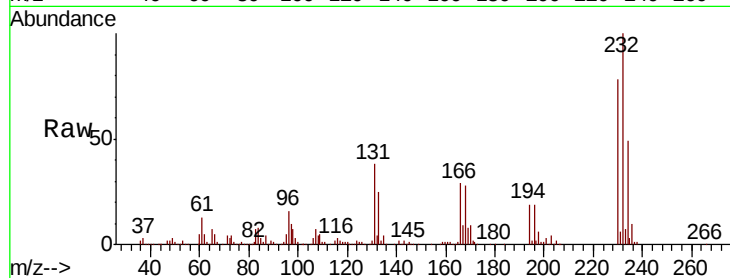
Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.0	51.0
130	2.3	1.6	2.4
166	28.9	23.6	35.4

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: 45.926 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

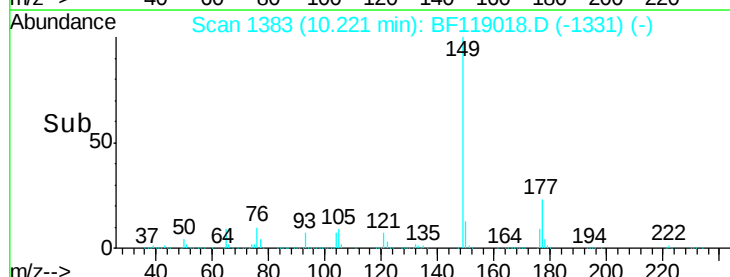
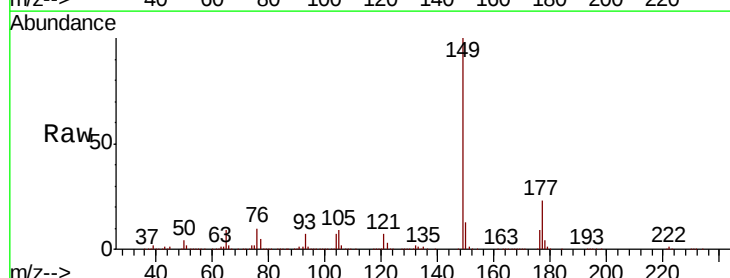
Tgt Ion:149 Resp: 1393596

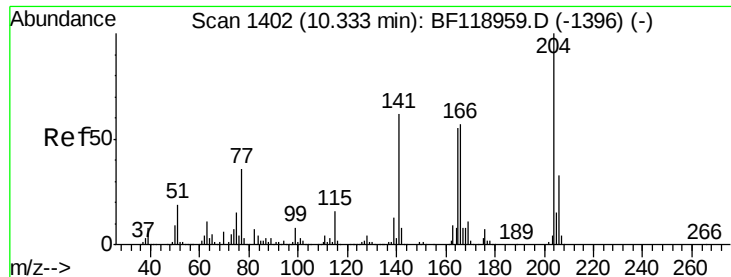
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	13.2	10.4	15.6

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

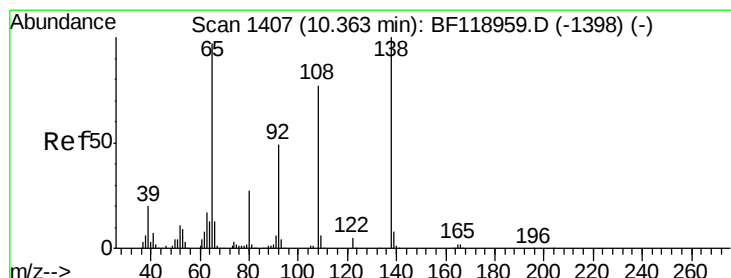
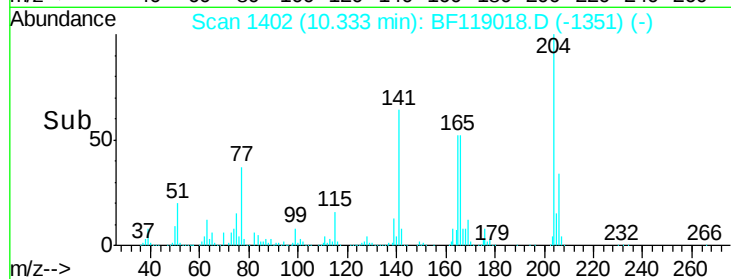
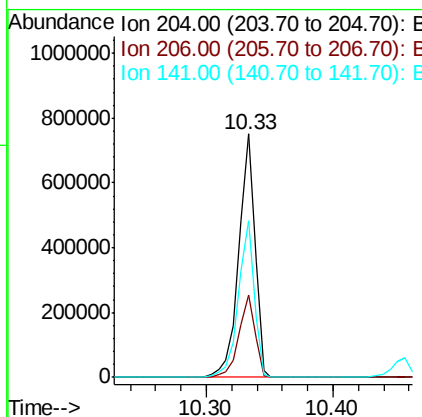
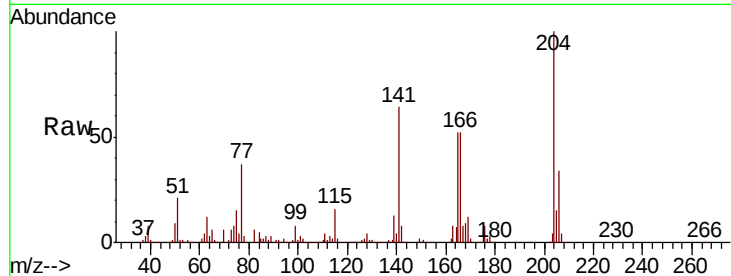




#61
 4-Chlorophenyl-phenylether
 Concen: 44.882 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

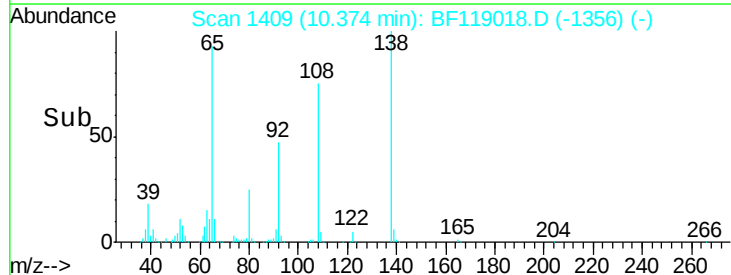
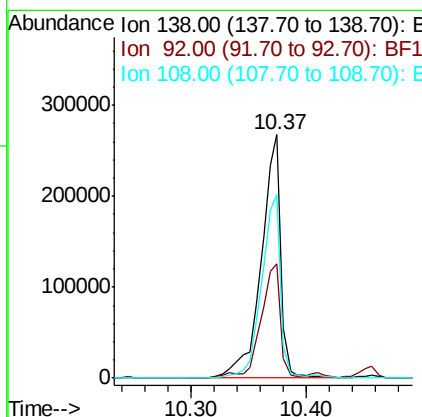
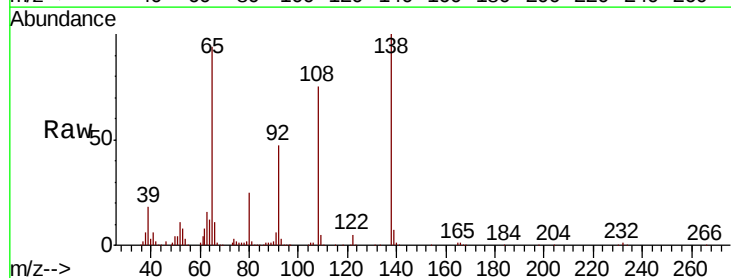
Instrument :
 BNA_F
 ClientSampled :

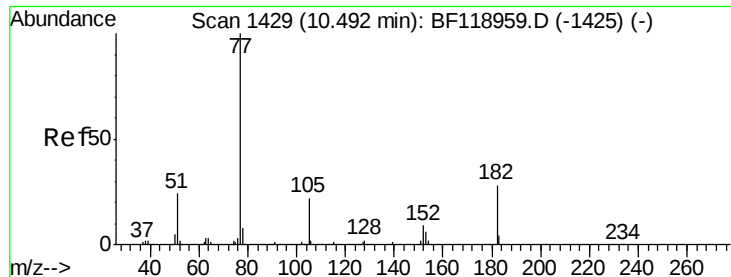
Tot Ion:	204	Resp:	658096
Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	64.5	49.5	74.3



#62
 4-Nitroaniline
 Concen: 39.411 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:	138	Resp:	319786
Ion	Ratio	Lower	Upper
138	100		
92	47.0	28.7	68.7
108	75.4	56.8	96.8





#63

Azobenzene

Concen: 46.863 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1236034

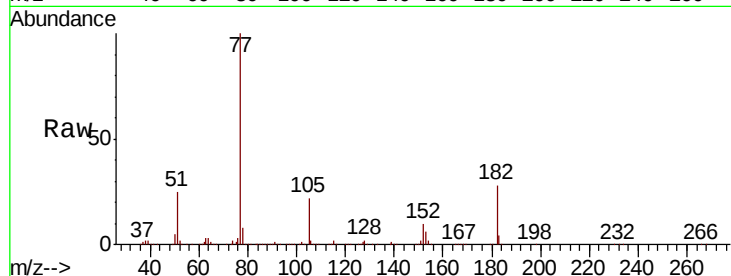
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.2	48.2
105	22.4	2.3	42.3
51	24.9	3.6	43.6

77 100

182 27.6 8.2 48.2

105 22.4 2.3 42.3

51 24.9 3.6 43.6

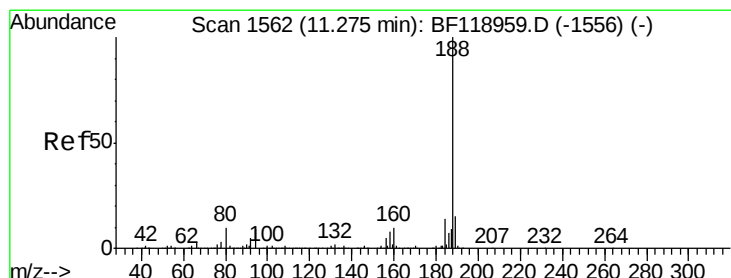
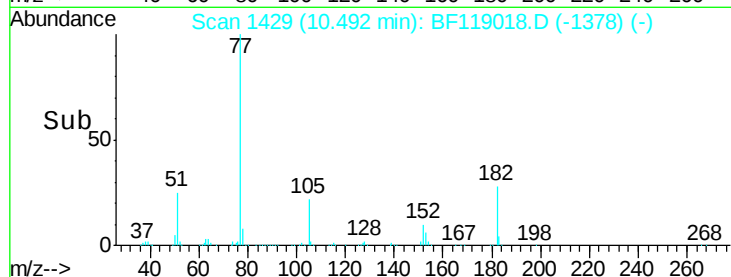
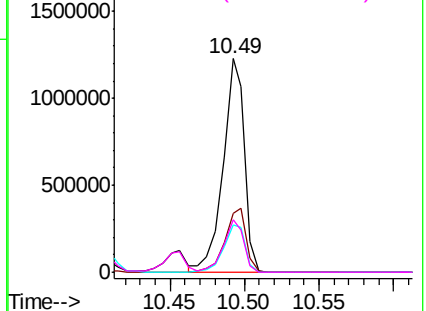


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

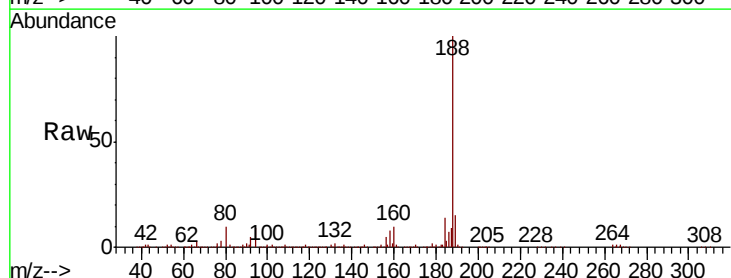
Tgt Ion: 188 Resp: 762144

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	10.0	7.9	11.9

188 100

94 9.0 7.0 10.6

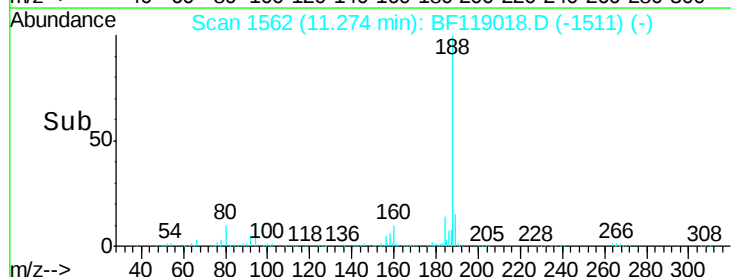
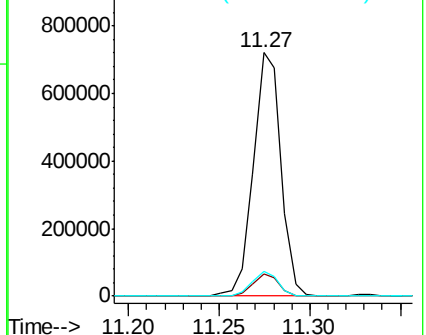
80 10.0 7.9 11.9

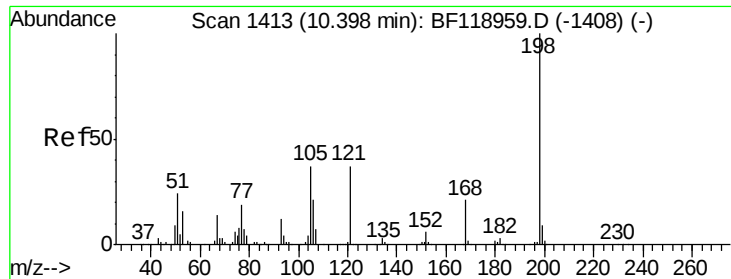


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

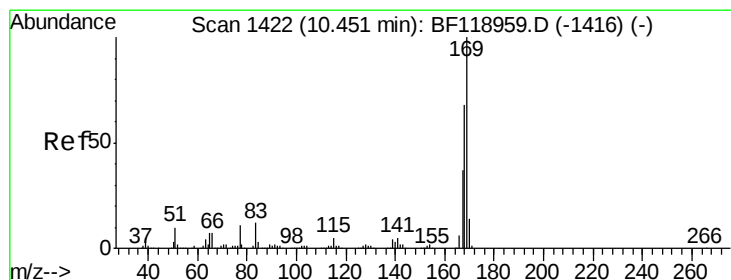
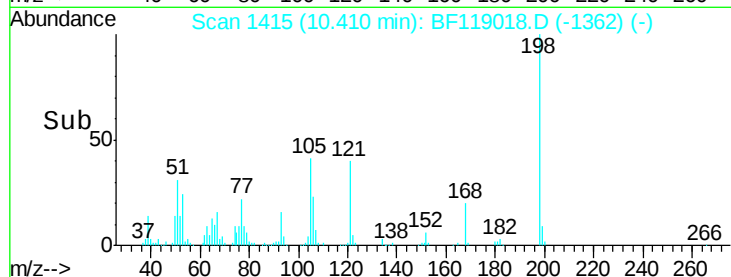
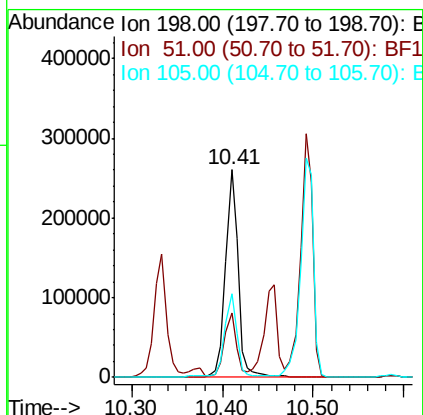
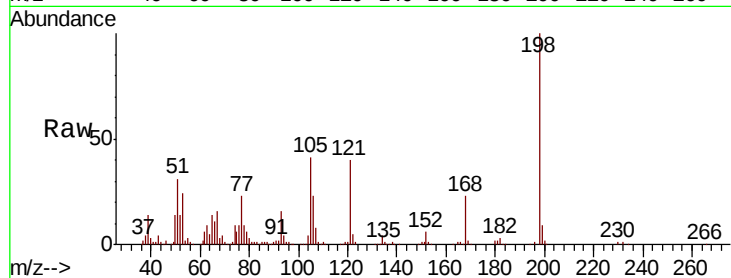




#65
4,6-Dinitro-2-methylphenol
Concen: 54.067 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

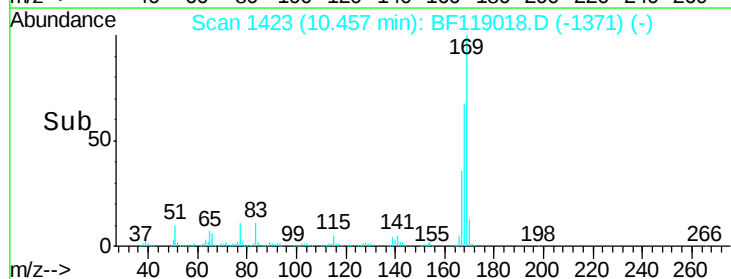
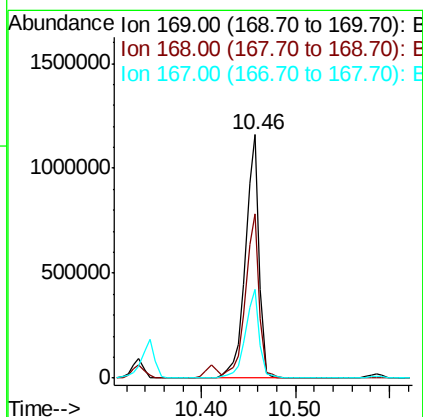
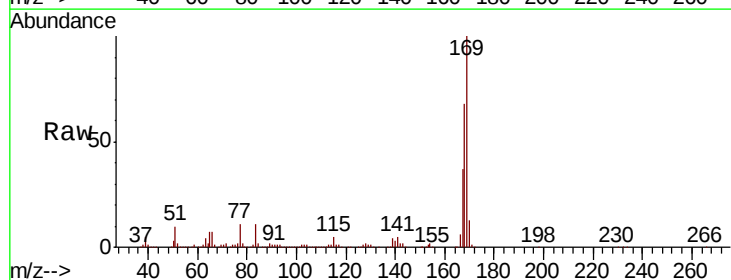
Instrument :
BNA_F
ClientSampleId :

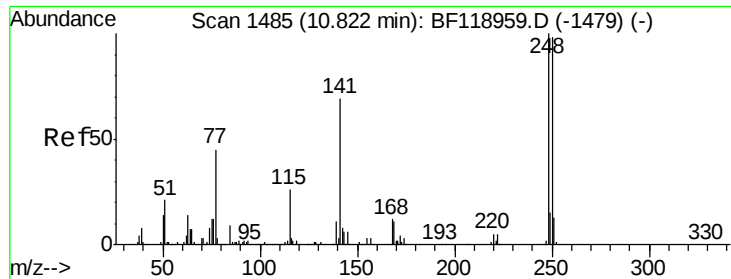
Tot Ion:198 Resp: 249346
Ion Ratio Lower Upper
198 100
51 30.8 7.1 47.1
105 40.6 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 46.743 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:169 Resp: 1166497
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 36.6 29.4 44.2

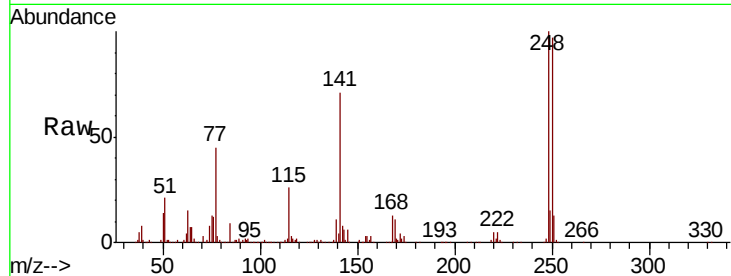




#67
4-Bromophenyl-phenylether
Concen: 45.214 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	70.6	55.3	82.9

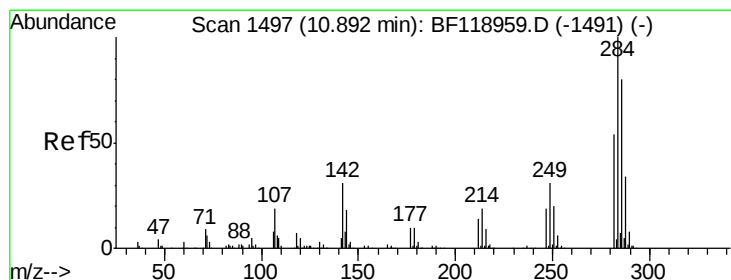
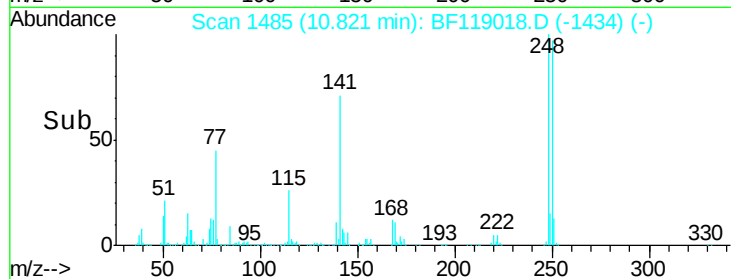
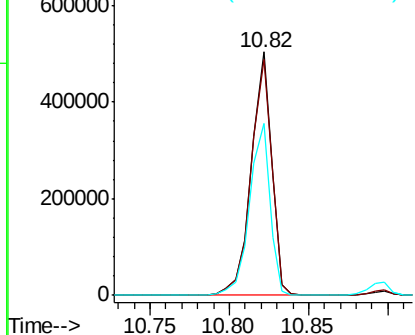


Abundance

Ion 248.00 (247.70 to 248.70): E

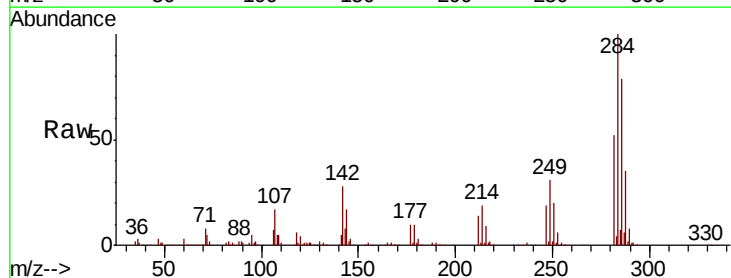
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.689 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	25.0	37.6
249	30.6	25.0	37.4

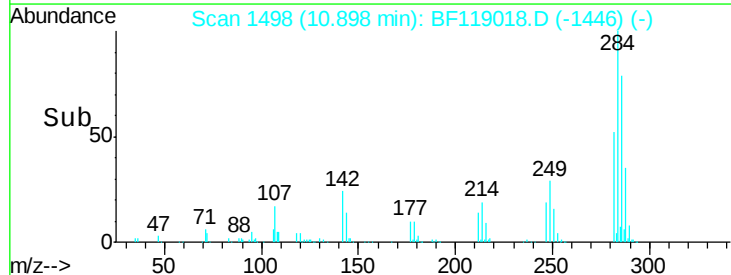
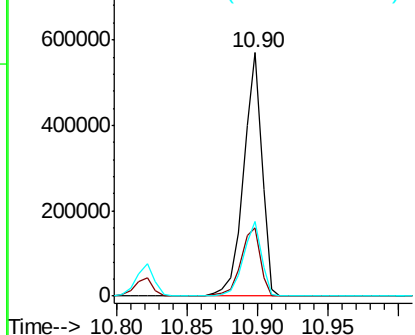


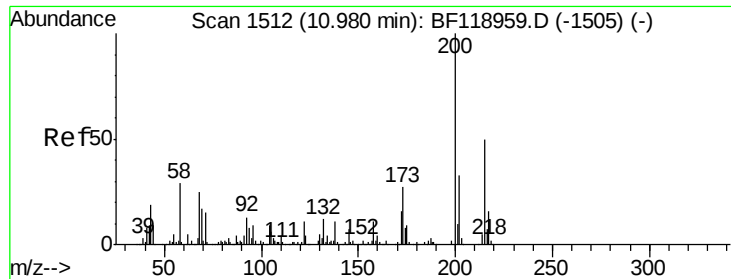
Abundance

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

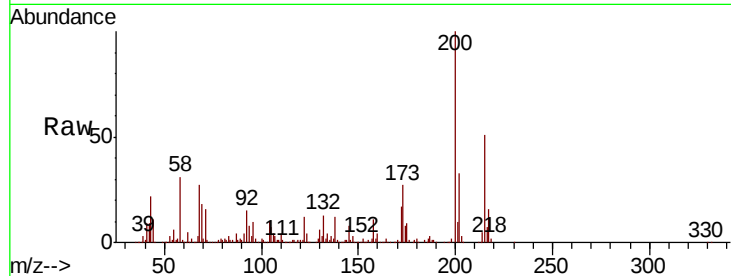




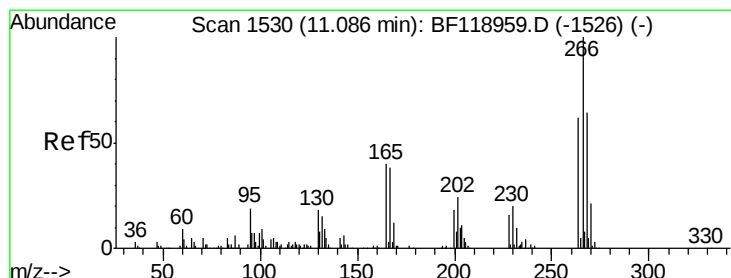
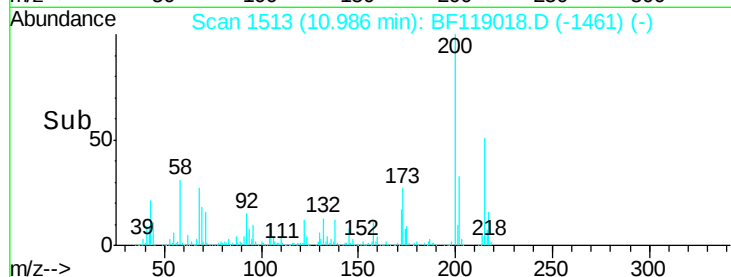
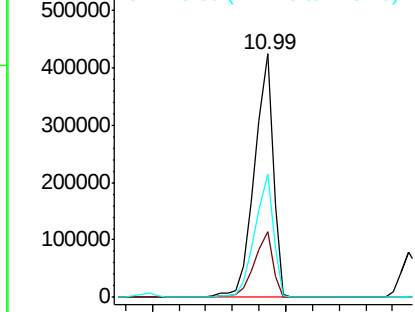
#69
Atrazine
Concen: 46.541 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.9	46.9
215	50.5	29.7	69.7

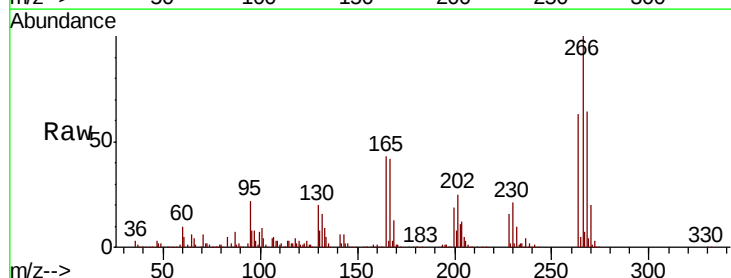


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

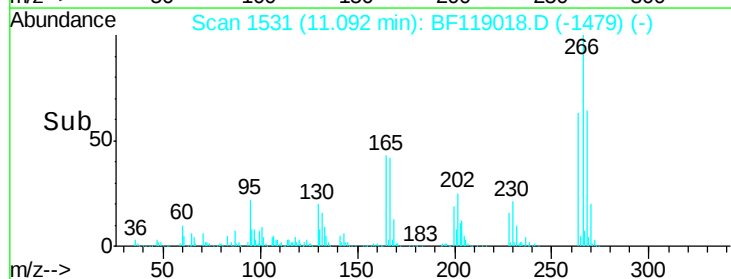
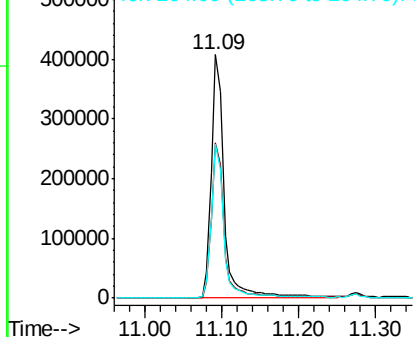


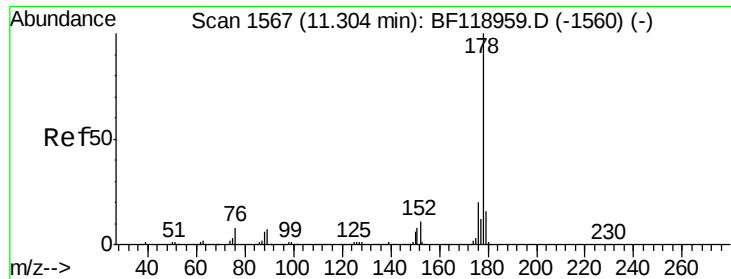
#70
Pentachlorophenol
Concen: 102.424 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.0
264	63.3	49.5	74.3



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

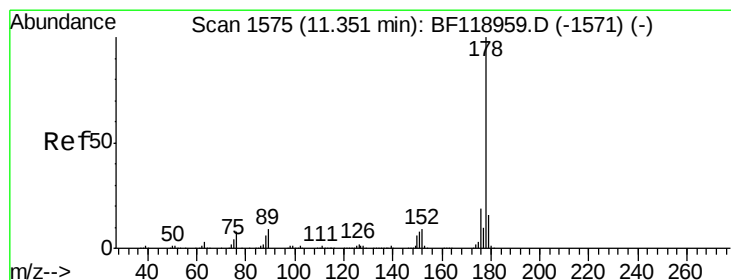
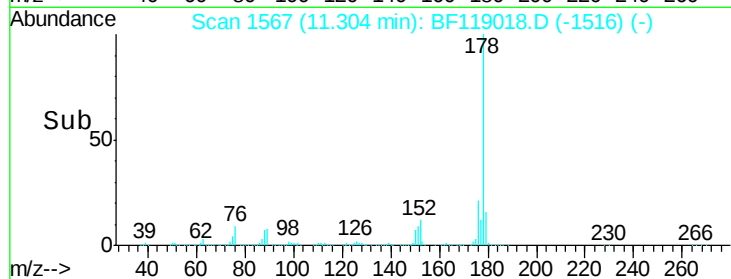
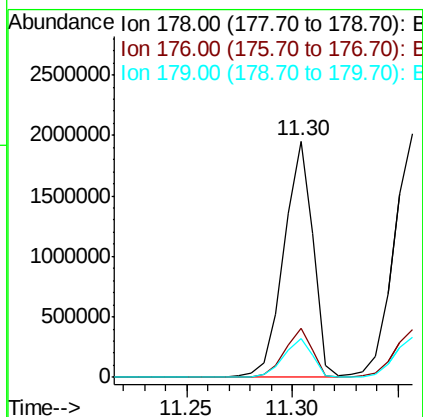
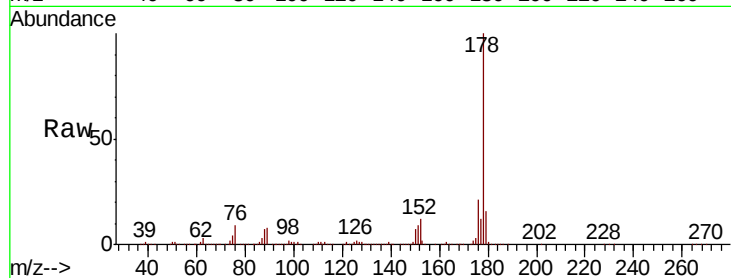




#71
Phenanthrene
Concen: 45.121 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

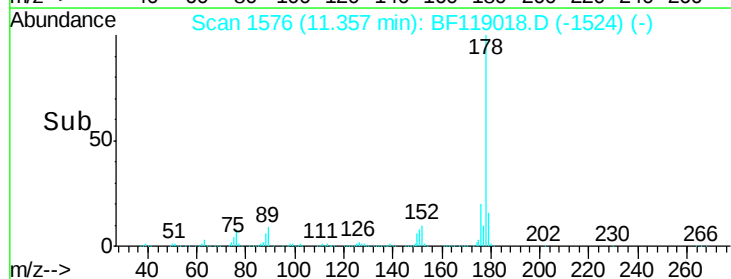
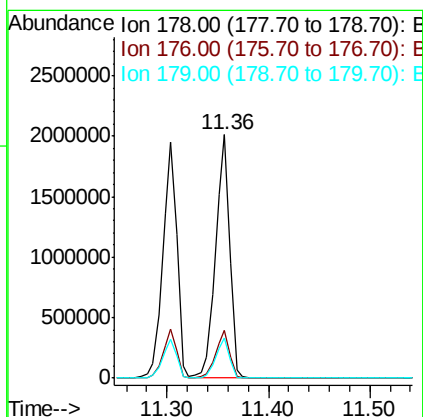
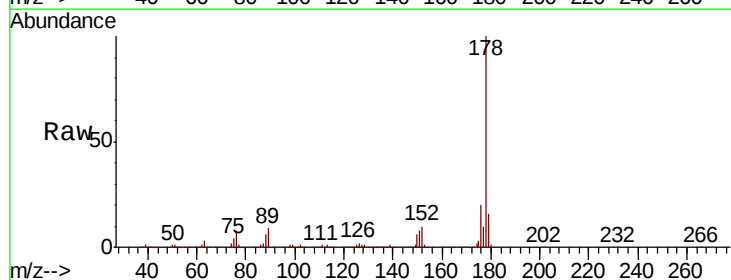
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1875394
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 16.4 12.6 18.8



#72
Anthracene
Concen: 46.755 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:178 Resp: 1941693
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.2 12.8 19.2



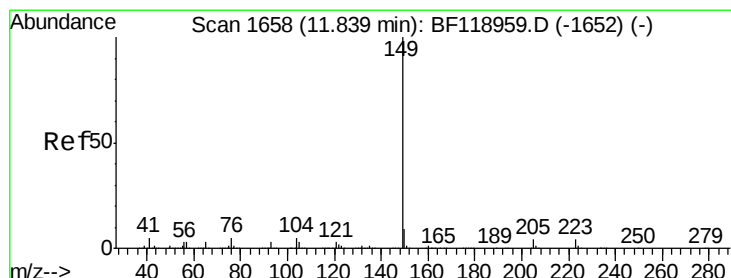
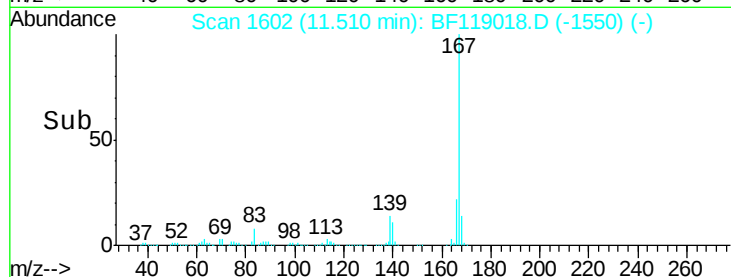
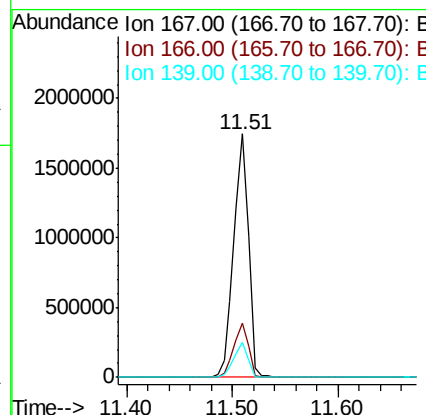
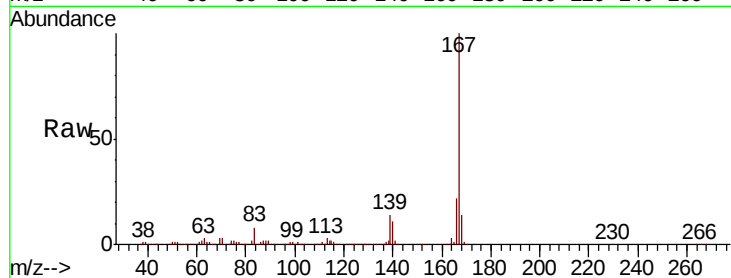


#73
 Carbazole
 Concen: 45.714 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1691277

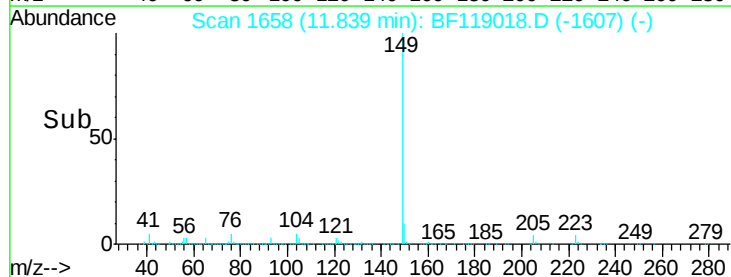
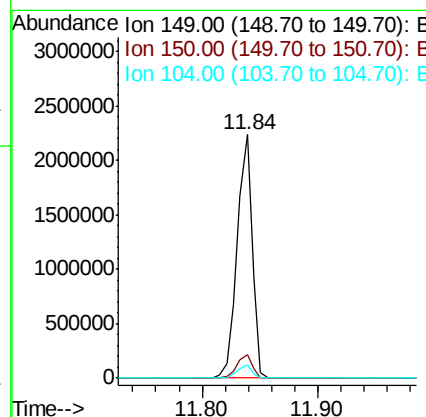
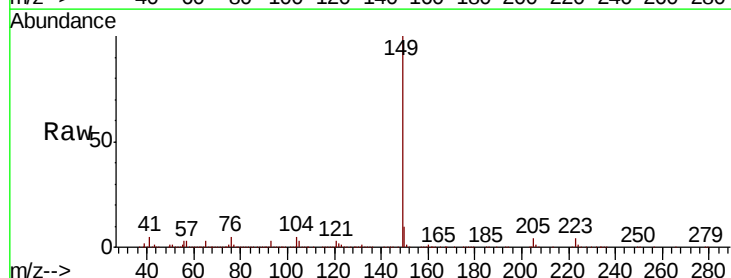
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	14.2	11.2	16.8

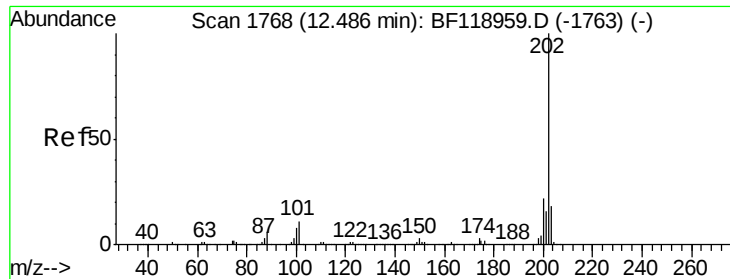


#74
 Di-n-butylphthalate
 Concen: 45.148 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119018.D
 Acq: 24 Feb 2020 12:26

Tgt Ion:149 Resp: 2022821

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 44.349 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampled :

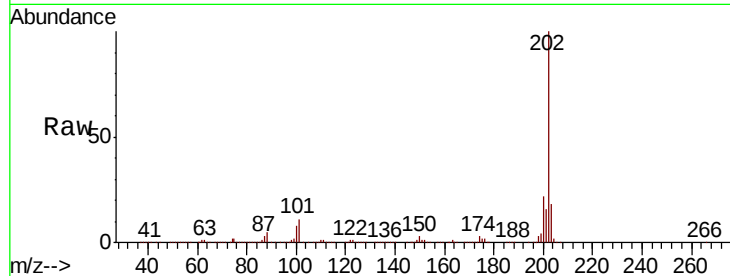
Tot Ion:202 Resp: 1956624

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

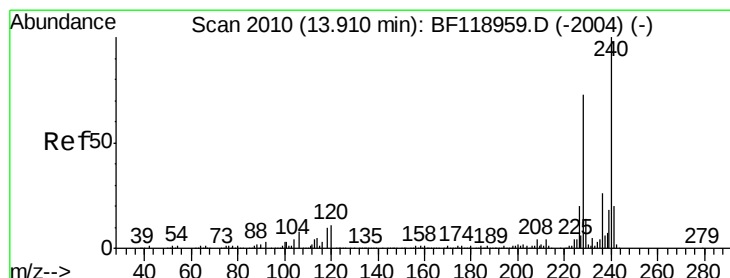
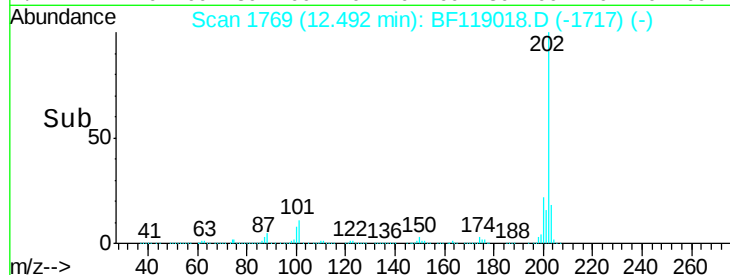
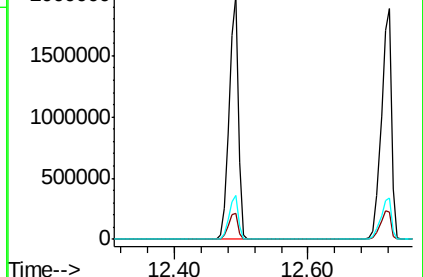
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

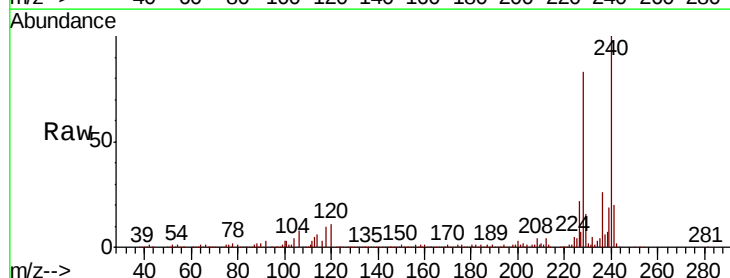
Tgt Ion:240 Resp: 501583

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

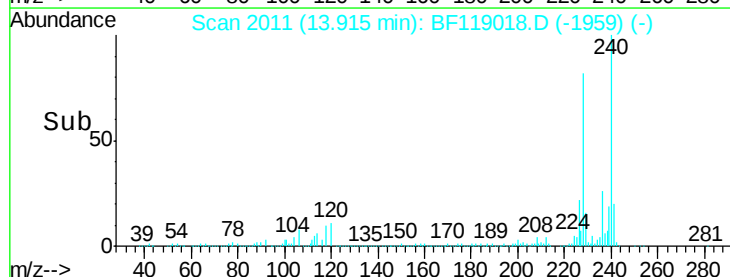
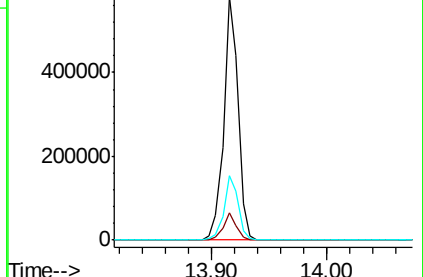
236 26.4 20.6 30.8

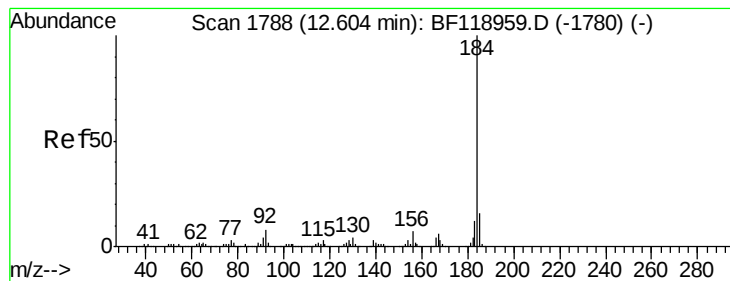


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.661 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

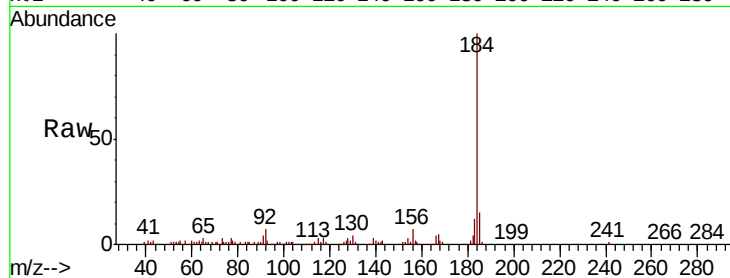
Tot Ion:184 Resp: 217467

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

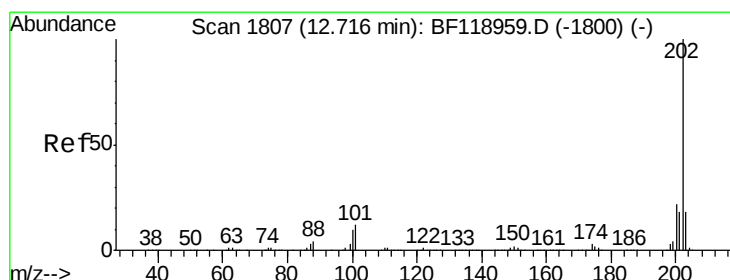
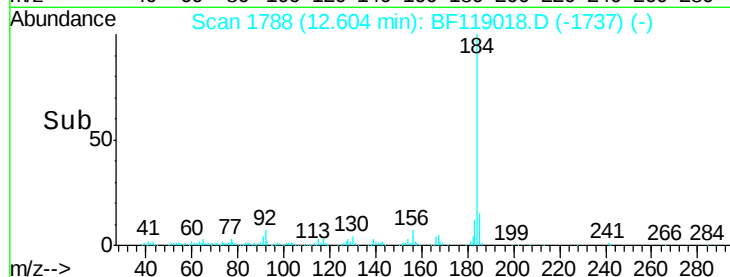
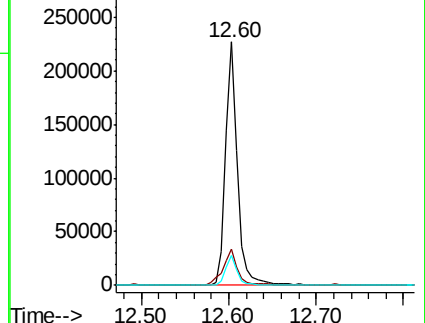
183 12.4 9.9 14.9



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: 48.226 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

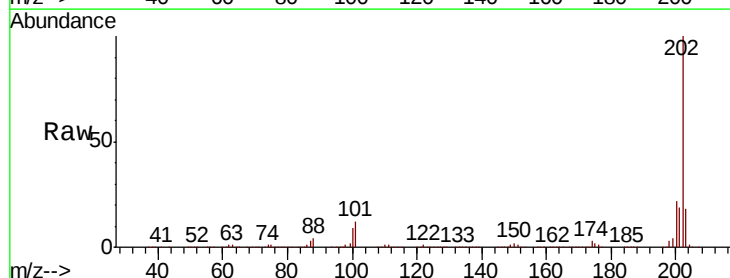
Tgt Ion:202 Resp: 1942364

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.0

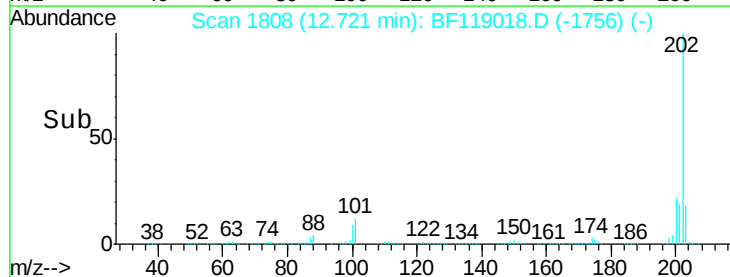
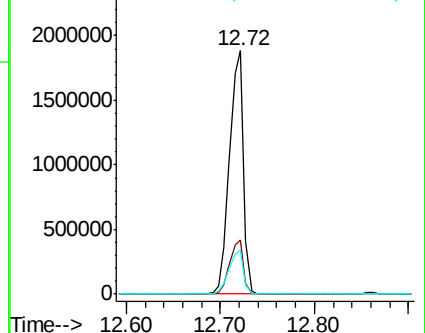
203 18.1 14.5 21.7

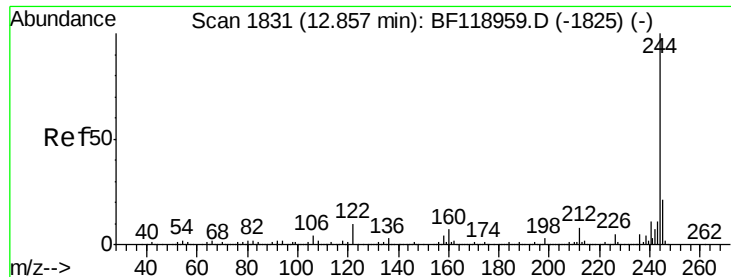


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.500 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

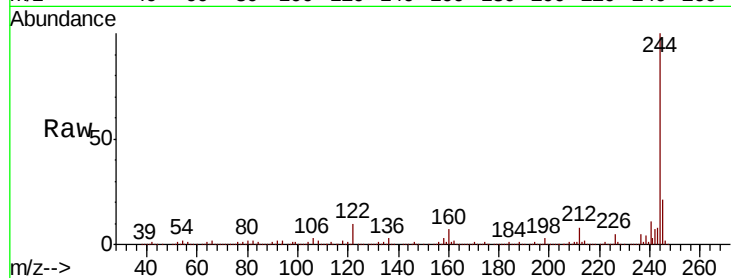
Tot Ion:244 Resp: 2753121

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

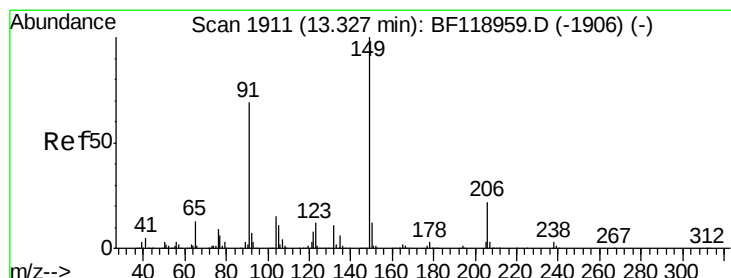
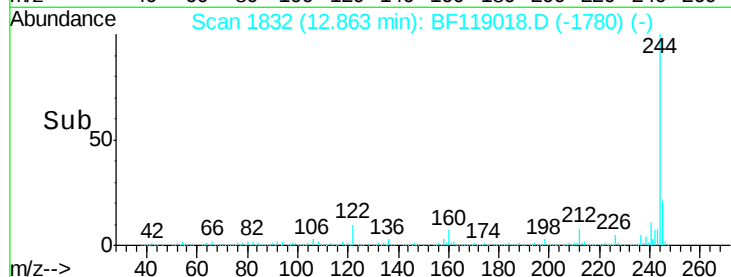
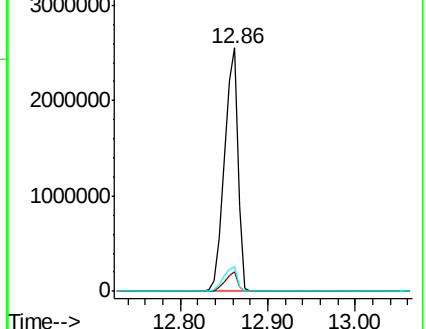
122 9.9 8.4 12.6



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: 48.766 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

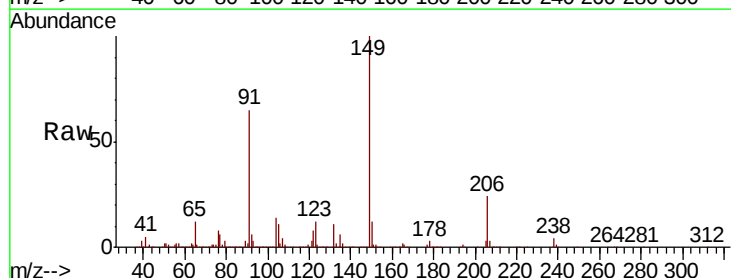
Tgt Ion:149 Resp: 826638

Ion Ratio Lower Upper

149 100

91 64.9 55.4 83.2

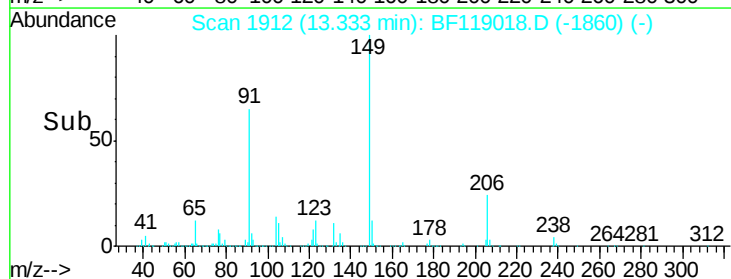
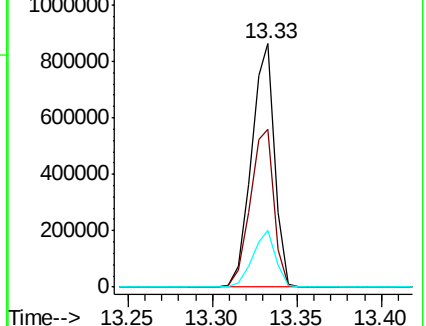
206 23.5 17.7 26.5

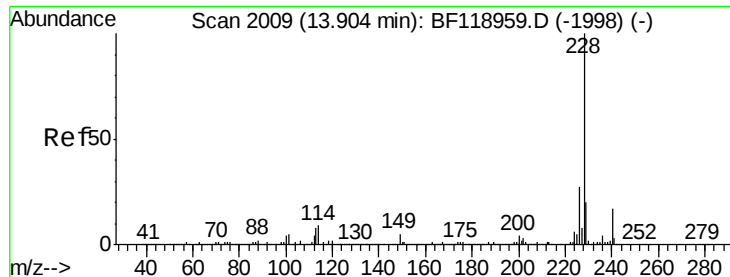


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.485 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

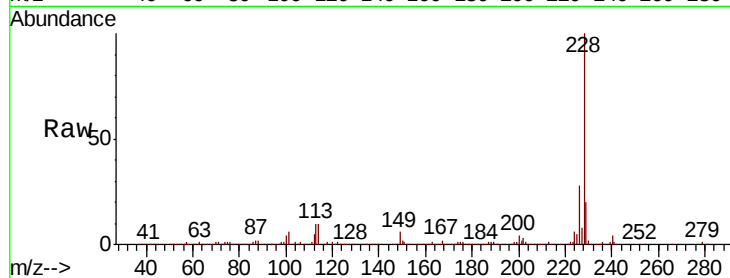
Tot Ion:228 Resp: 1622841

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

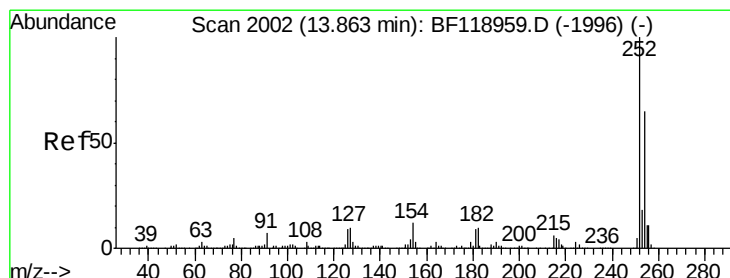
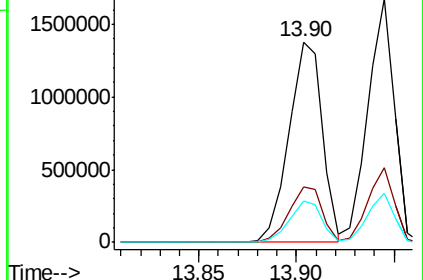
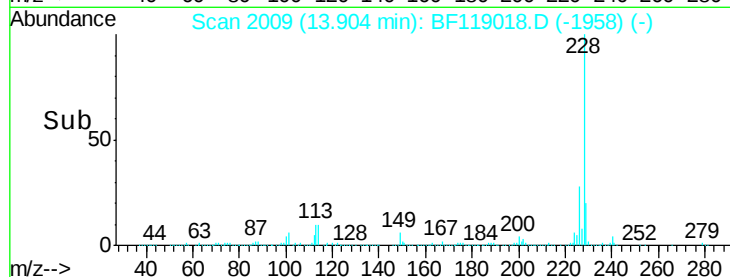
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.084 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

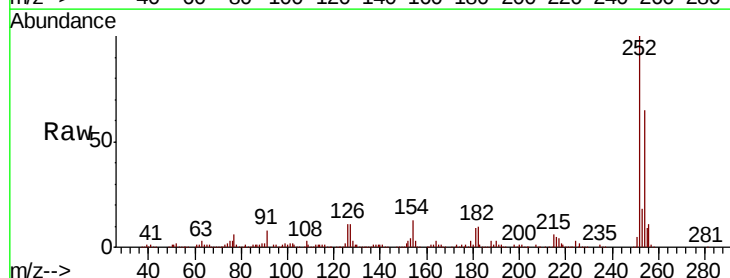
Tgt Ion:252 Resp: 332886

Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

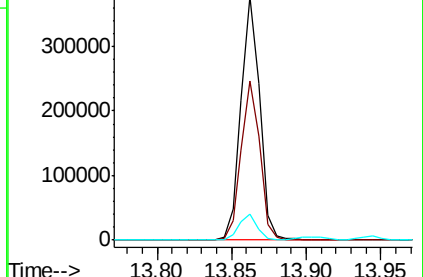
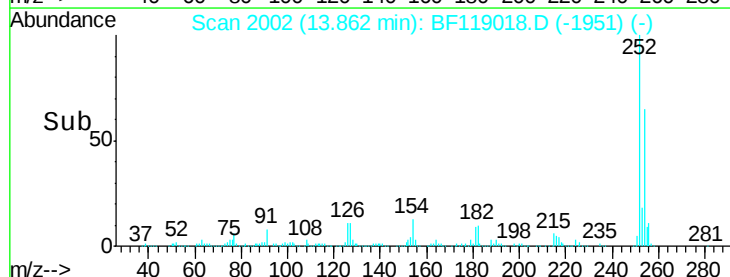
126 10.5 7.3 10.9

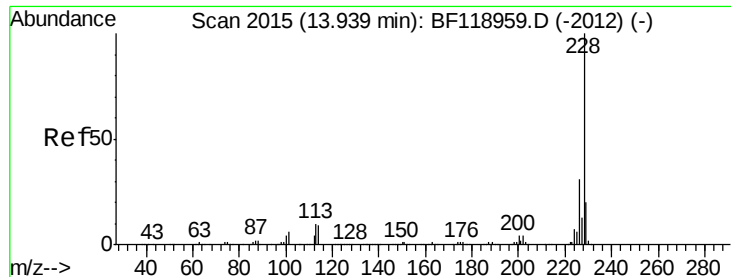


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.265 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

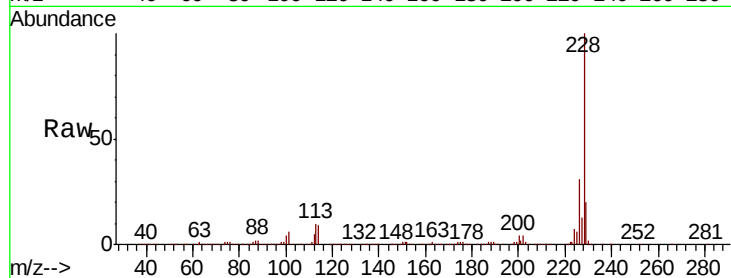
Tot Ion:228 Resp: 1575503

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

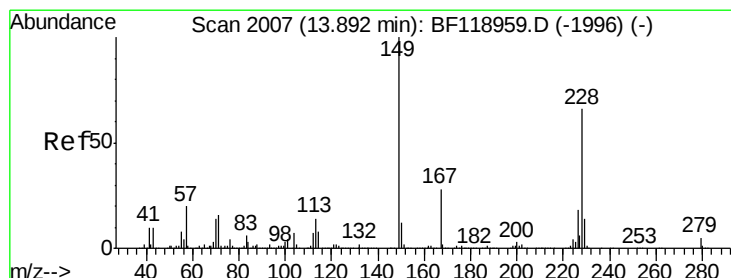
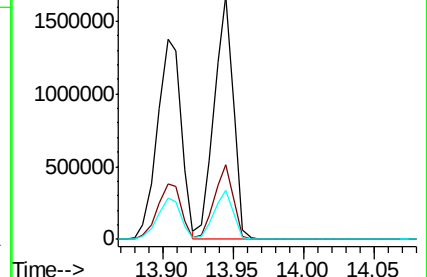
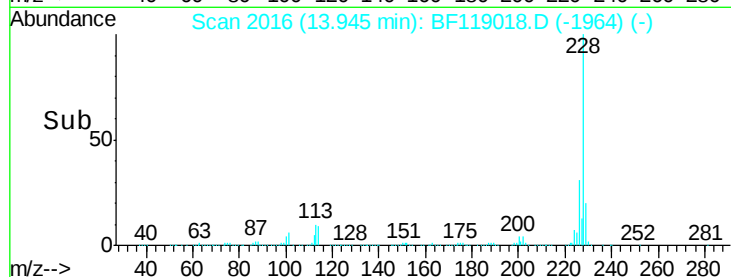
229 20.1 16.2 24.2



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: 49.542 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

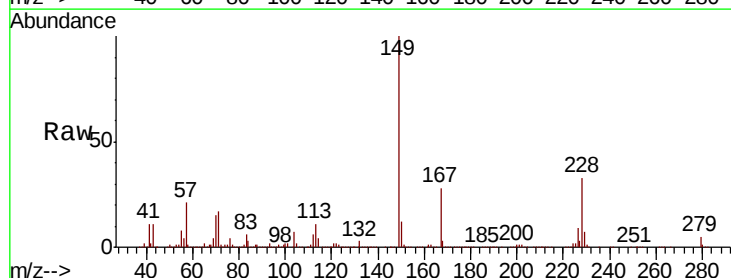
Tgt Ion:149 Resp: 1060959

Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

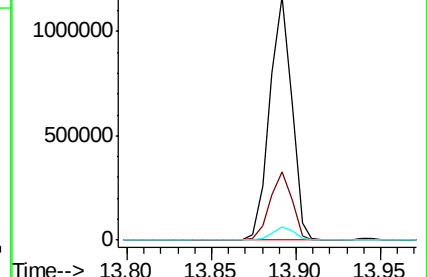
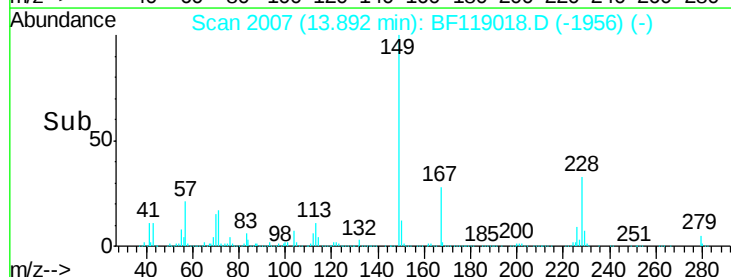
279 5.3 4.2 6.4

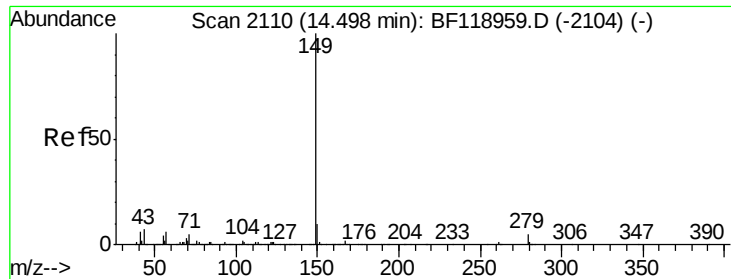


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.873 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

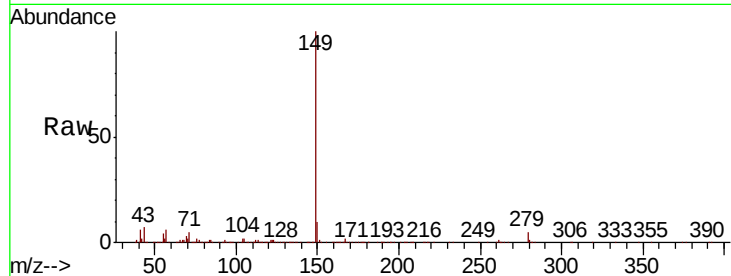
Tot Ion:149 Resp: 1667603

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

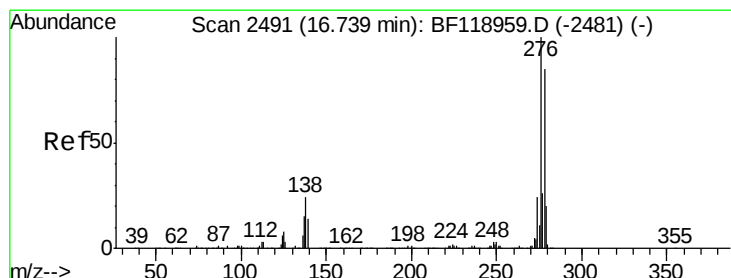
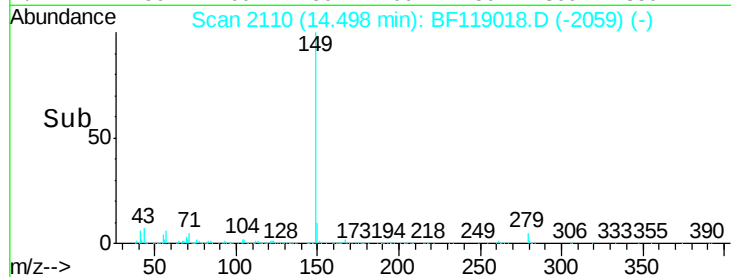
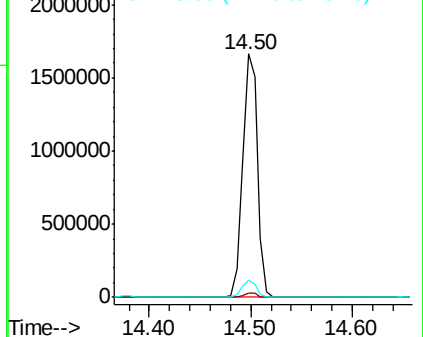
43 6.6 5.2 7.8



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: 44.377 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

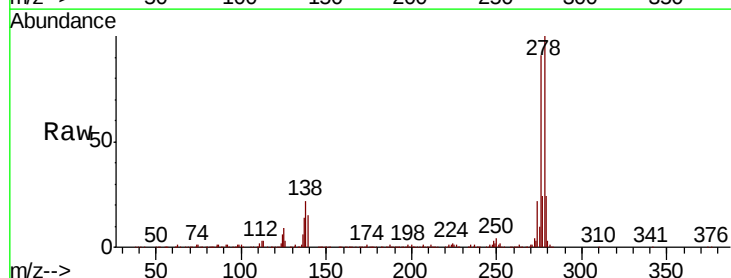
Tgt Ion:276 Resp: 1463258

Ion Ratio Lower Upper

276 100

138 22.1 18.7 28.1

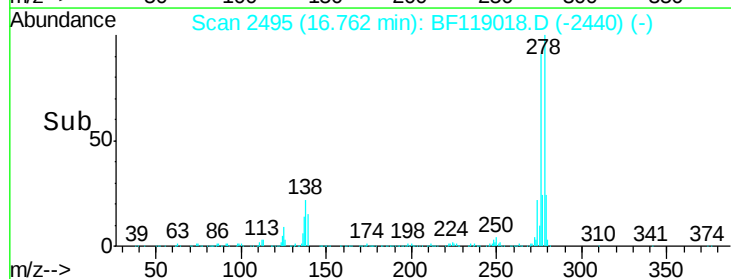
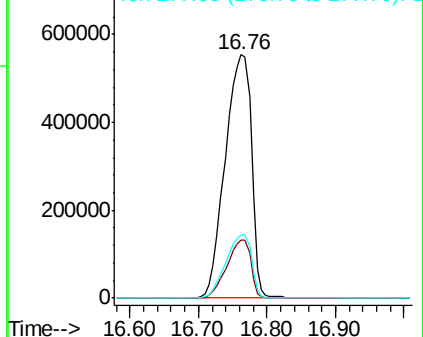
277 25.6 20.3 30.5

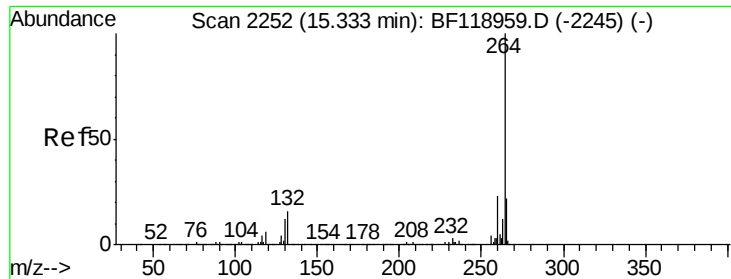


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



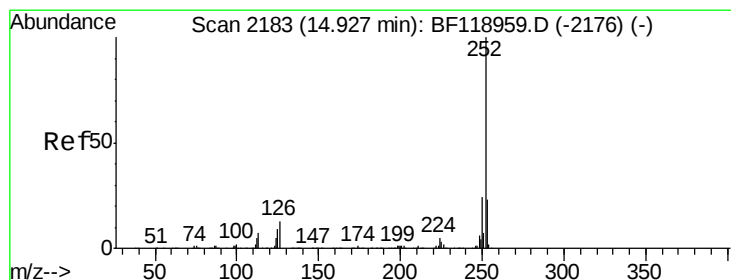
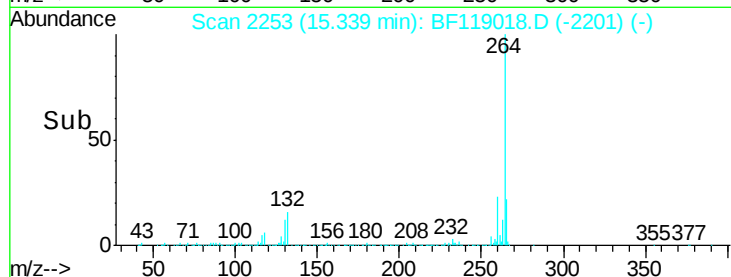
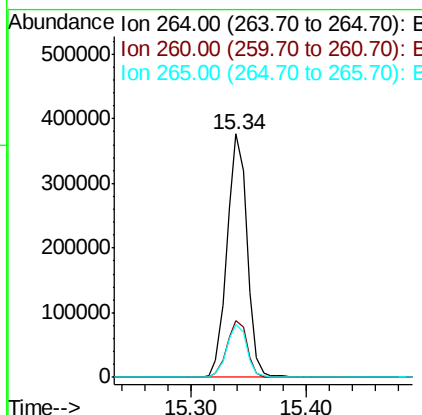
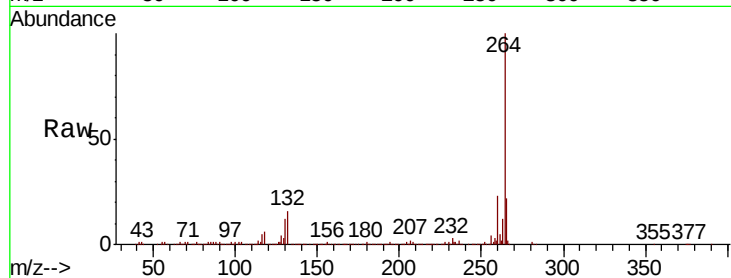


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 452764

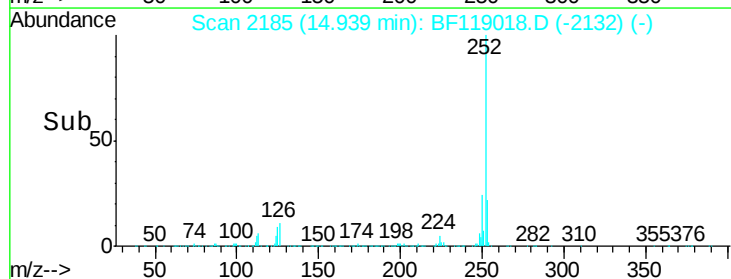
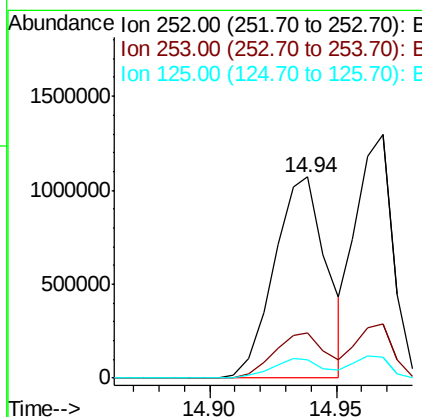
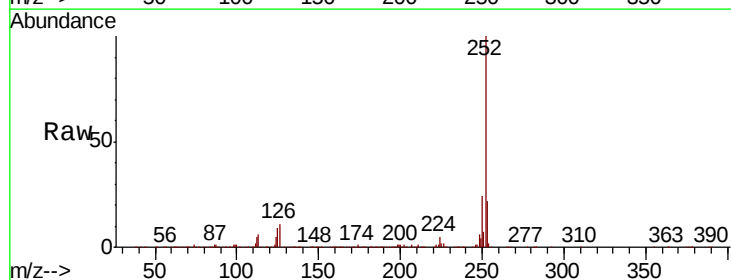
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.8	17.3	25.9

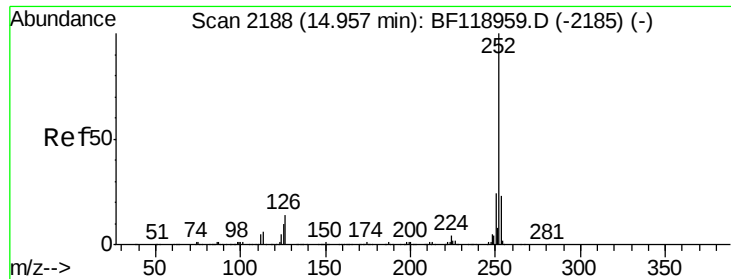


#88
Benzo(b)fluoranthene
Concen: 51.580 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:252 Resp: 1539329

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.8	7.4	11.0

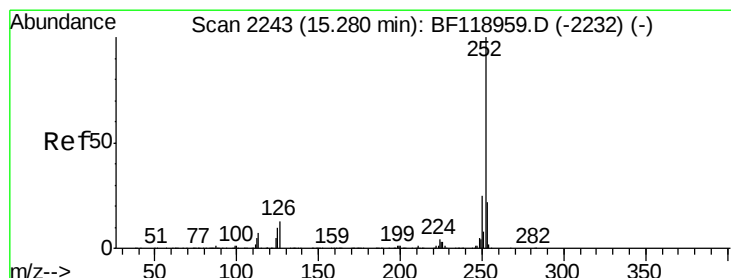
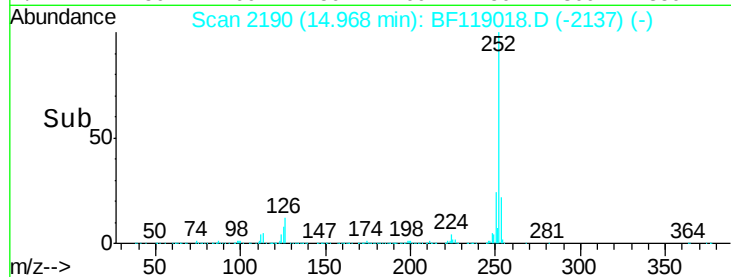
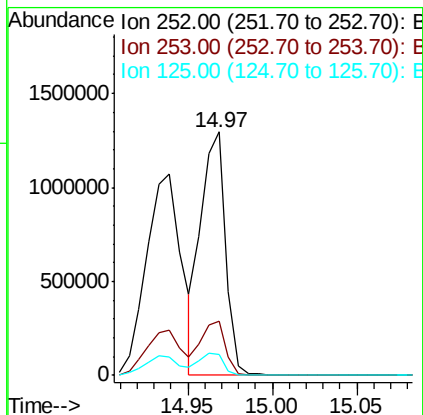
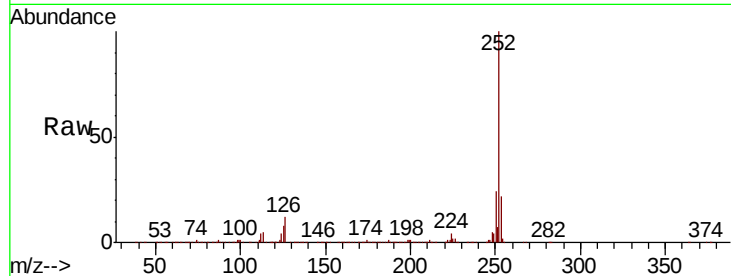




#89
Benzo(k)fluoranthene
Concen: 47.589 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

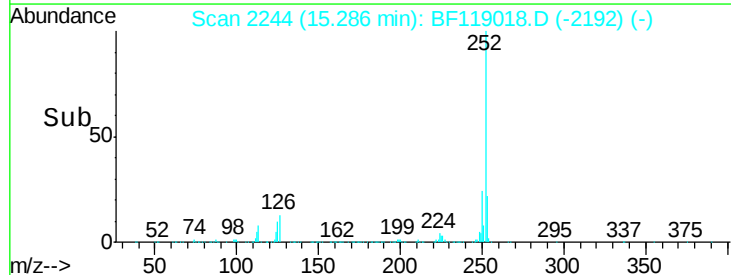
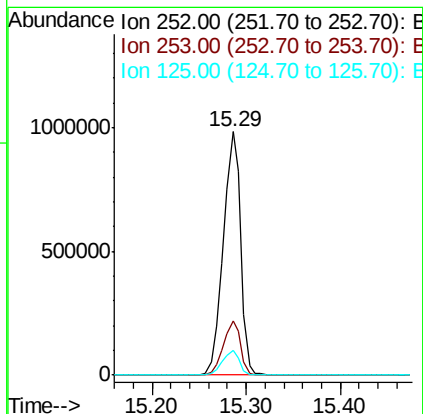
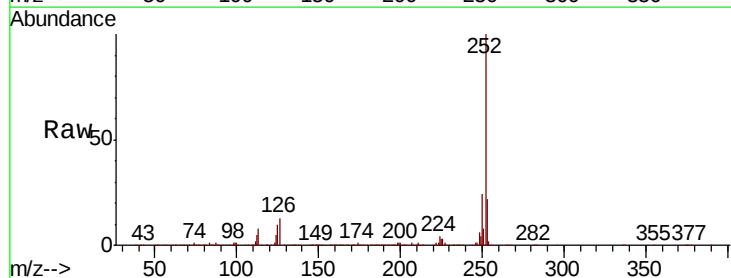
Instrument :
BNA_F
ClientSampleId :

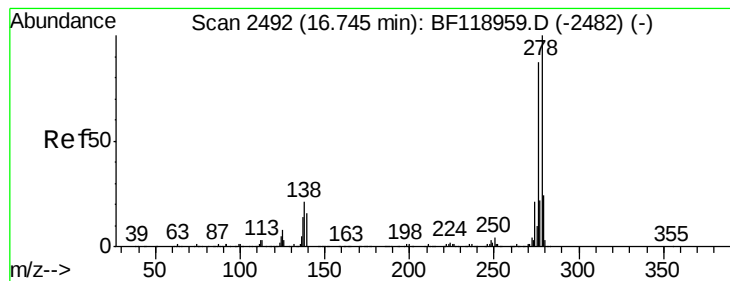
Tot Ion:252 Resp: 1316167
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.953 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119018.D
Acq: 24 Feb 2020 12:26

Tgt Ion:252 Resp: 1264659
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 51.507 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

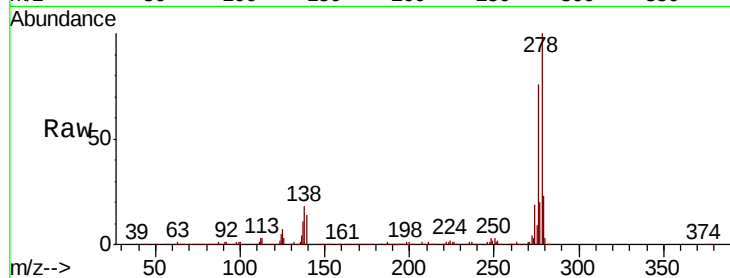
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1220699

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.5	19.0	28.6

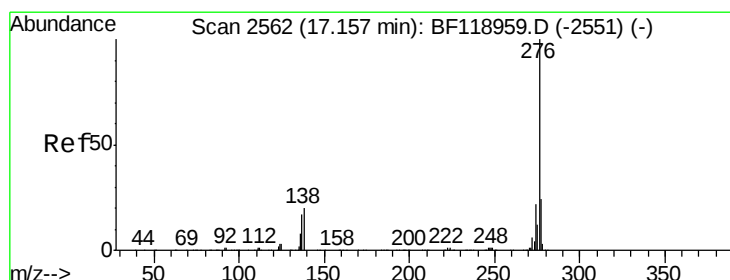
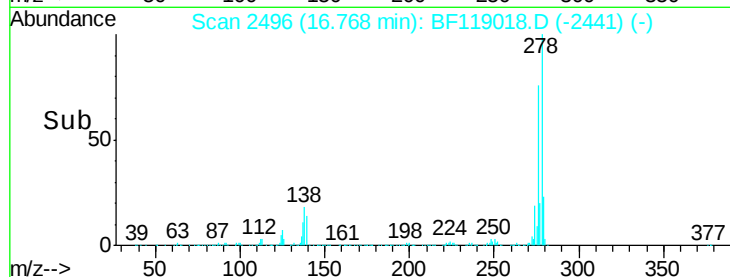
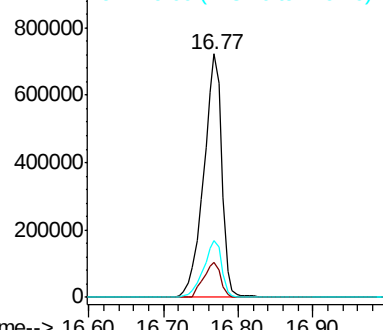


Abundance

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: 53.366 ng

RT: 17.19 min Scan# 2567

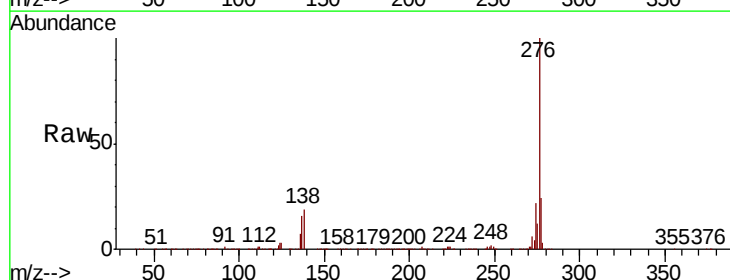
Delta R.T. 0.03 min

Lab File: BF119018.D

Acq: 24 Feb 2020 12:26

Tgt Ion:276 Resp: 1249635

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	18.9	16.2	24.4



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

