

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119014.D
 Acq On : 24 Feb 2020 10:17
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:21:13 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	211643	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	784391	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	437575	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	823071	20.00	ng	0.00
76) Chrysene-d12	13.92	240	588885	20.00	ng	0.01
87) Perylene-d12	15.34	264	568340	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1020106	80.55	ng	0.00
7) Phenol-d6	6.41	99	1270254	82.47	ng	0.00
23) Nitrobenzene-d5	7.33	82	1233997	83.06	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	490757	85.73	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2309644	77.76	ng	0.00
79) Terphenyl-d14	12.86	244	2821953	82.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	207308	36.766	ng	99
3) Pyridine	3.17	79	601528	39.063	ng	99
4) n-Nitrosodimethylamine	3.13	42	195238	41.853	ng	96
6) Aniline	6.43	93	771227	40.580	ng	# 63
8) 2-Chlorophenol	6.55	128	578144	42.302	ng	97
9) Benzaldehyde	6.31	77	398676	38.743	ng	99
10) Phenol	6.42	94	673243	40.429	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	549280	43.109	ng	100
12) 1,3-Dichlorobenzene	6.70	146	687558	41.973	ng	100
13) 1,4-Dichlorobenzene	6.77	146	688033	41.973	ng	98
14) 1,2-Dichlorobenzene	6.93	146	628083	42.013	ng	98
15) Benzyl Alcohol	6.91	79	490484	44.062	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	483467	43.803	ng	93
17) 2-Methylphenol	7.03	107	468499	42.280	ng	94
18) Hexachloroethane	7.27	117	251303	42.851	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	395950	44.118	ng	98
20) 3+4-Methylphenols	7.18	107	558004	41.104	ng	# 84
22) Acetophenone	7.17	105	758877	41.814	ng	# 97
24) Nitrobenzene	7.35	77	611242	41.607	ng	97
25) Isophorone	7.59	82	1103070	42.754	ng	99
26) 2-Nitrophenol	7.66	139	332312	42.692	ng	99
27) 2,4-Dimethylphenol	7.70	122	442448	41.882	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	710526	42.310	ng	100
29) 2,4-Dichlorophenol	7.91	162	521020	41.894	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	614545	41.677	ng	100
31) Naphthalene	8.06	128	1663329	40.888	ng	99
32) Benzoic acid	7.86	122	349223	45.679	ng	98
33) 4-Chloroaniline	8.12	127	727048	41.553	ng	100
34) Hexachlorobutadiene	8.19	225	383768	41.783	ng	98
35) Caprolactam	8.51	113	166910	43.586	ng	93
36) 4-Chloro-3-methylphenol	8.61	107	533582	42.393	ng	98
37) 2-Methylnaphthalene	8.76	142	1150778	42.036	ng	98
38) 1-Methylnaphthalene	8.86	142	1069043	41.522	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	605904	41.069	ng	99

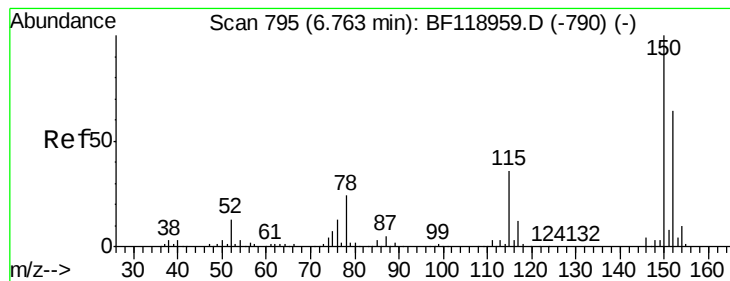
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119014.D
 Acq On : 24 Feb 2020 10:17
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:21:13 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)
41) Hexachlorocyclopentadiene	8.91	237	219778	45.514	ng	96
43) 2,4,6-Trichlorophenol	9.04	196	398325	42.755	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	408719	41.807	ng	97
46) 1,1'-Biphenyl	9.22	154	1455660	41.161	ng	98
47) 2-Chloronaphthalene	9.25	162	1173704	41.184	ng	98
48) 2-Nitroaniline	9.35	65	345045	43.408	ng	95
49) Acenaphthylene	9.66	152	1693127	41.134	ng	100
50) Dimethylphthalate	9.53	163	1451301	43.374	ng	100
51) 2,6-Dinitrotoluene	9.59	165	317423	42.699	ng	96
52) Acenaphthene	9.83	154	1023424	41.235	ng	99
53) 3-Nitroaniline	9.76	138	349422	42.398	ng	97
54) 2,4-Dinitrophenol	9.87	184	144259	43.671	ng	# 90
55) Dibenzofuran	10.00	168	1510839	40.784	ng	99
56) 4-Nitrophenol	9.93	139	200141	40.419	ng	97
57) 2,4-Dinitrotoluene	9.99	165	401144	41.631	ng	# 87
58) Fluorene	10.35	166	1201441	41.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	351192	42.572	ng	98
60) Diethylphthalate	10.22	149	1367306	43.362	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	641624	42.109	ng	97
62) 4-Nitroaniline	10.37	138	359167	42.596	ng	97
63) Azobenzene	10.50	77	1161981	42.395	ng	96
65) 4,6-Dinitro-2-methylphenol	10.41	198	213975	42.962	ng	91
66) n-Nitrosodiphenylamine	10.46	169	1095539	40.650	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	450370	41.861	ng	97
68) Hexachlorobenzene	10.90	284	514905	41.511	ng	# 92
69) Atrazine	10.99	200	346207	36.767	ng	100
70) Pentachlorophenol	11.09	266	213577	42.744	ng	98
71) Phenanthrene	11.30	178	1816784	40.475	ng	99
72) Anthracene	11.36	178	1797928	40.089	ng	99
73) Carbazole	11.51	167	1648067	41.248	ng	100
74) Di-n-butylphthalate	11.84	149	2094221	43.282	ng	99
75) Fluoranthene	12.49	202	1927827	40.462	ng	99
77) Benzidine	12.61	184	806722	33.684	ng	100
78) Pyrene	12.72	202	1939665	41.019	ng	99
80) Butylbenzylphthalate	13.33	149	901396	45.292	ng	98
81) Benzo(a)anthracene	13.91	228	1696007	42.269	ng	100
82) 3,3'-Dichlorobenzidine	13.87	252	675944	43.384	ng	99
83) Chrysene	13.95	228	1626553	40.683	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1197950	47.646	ng	99
85) Di-n-octyl phthalate	14.50	149	1930077	48.179	ng	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1457086	37.639	ng	98
88) Benzo(b)fluoranthene	14.94	252	1753594	46.810	ng	100
89) Benzo(k)fluoranthene	14.97	252	1345041	38.743	ng	99
90) Benzo(a)pyrene	15.29	252	1398670	41.368	ng	99
91) Dibenzo(a,h)anthracene	16.77	278	1192217	40.076	ng	98
92) Benzo(g,h,i)perylene	17.19	276	1144150	38.925	ng	99

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

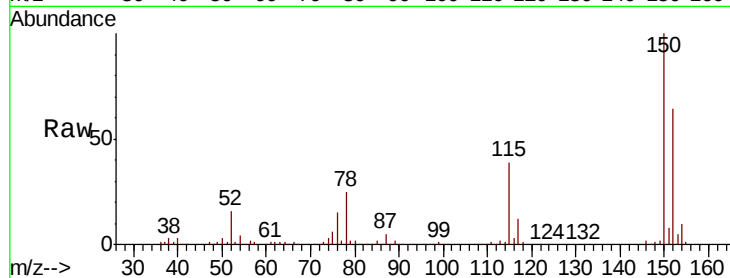


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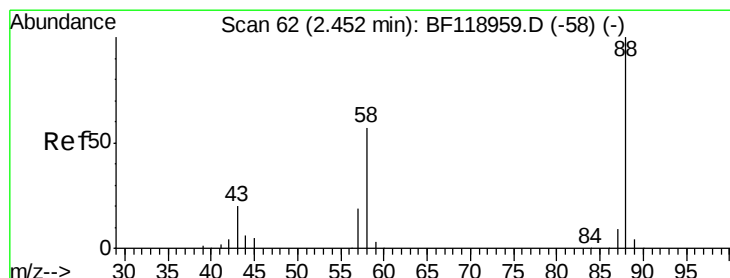
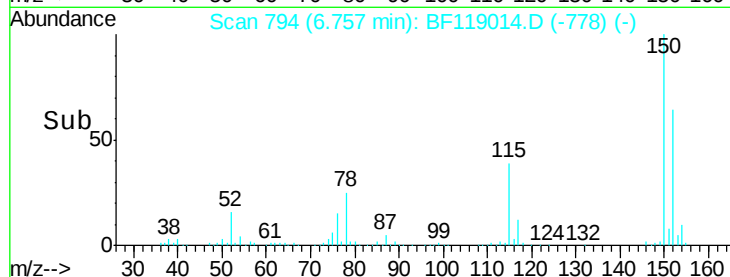
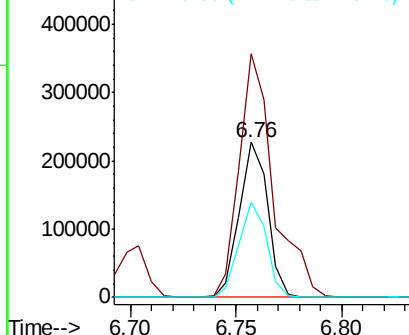
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 211643
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.5 44.6 67.0



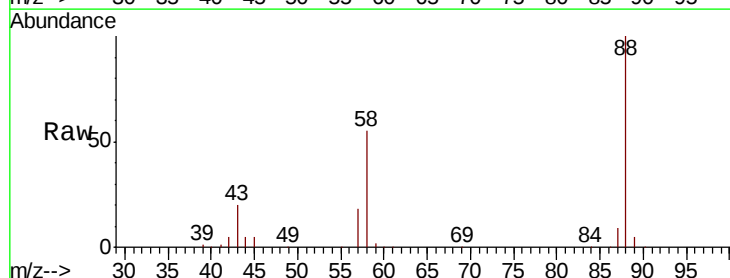
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



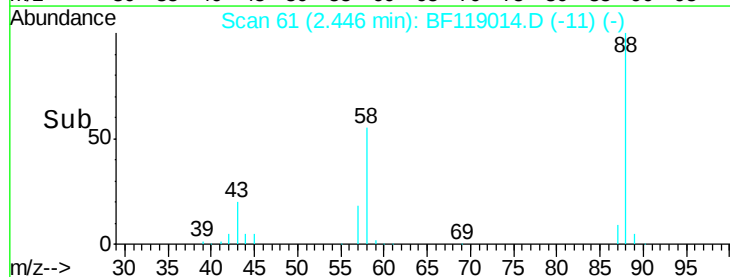
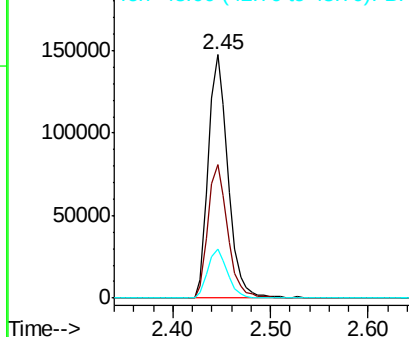
#2

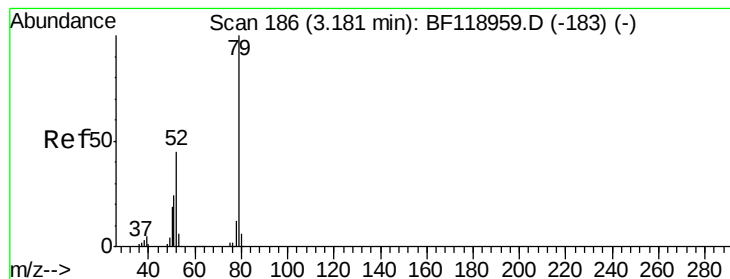
1,4-Dioxane
Concen: 36.766 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion: 88 Resp: 207308
Ion Ratio Lower Upper
88 100
58 54.9 44.6 66.8
43 20.1 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: 39.063 ng

RT: 3.17 min Scan# 185

Delta R.T. -0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

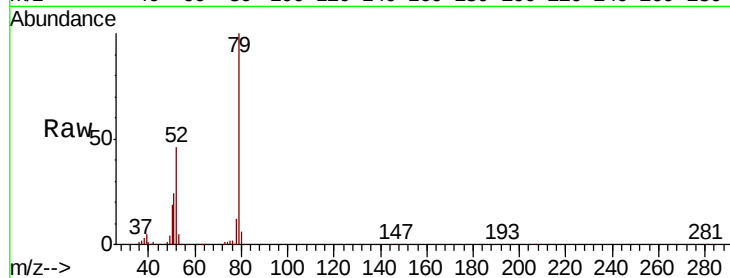
Tot Ion: 79 Resp: 601528

Ion Ratio Lower Upper

79 100

52 46.1 36.3 54.5

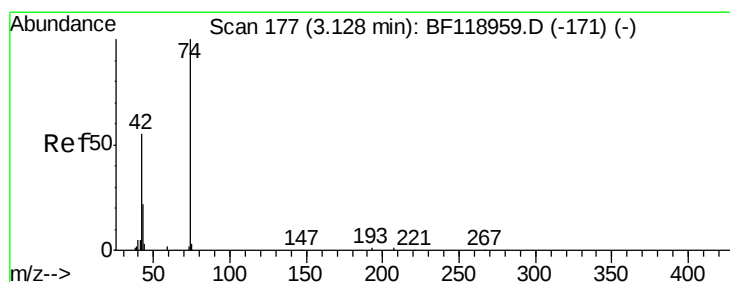
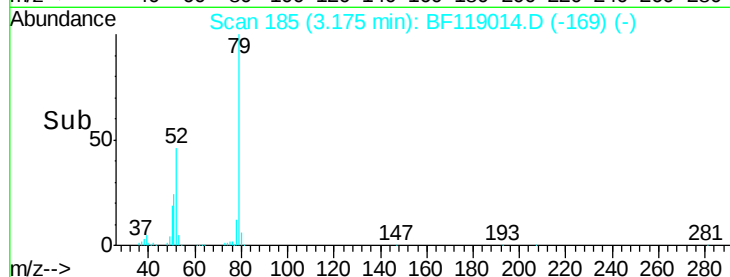
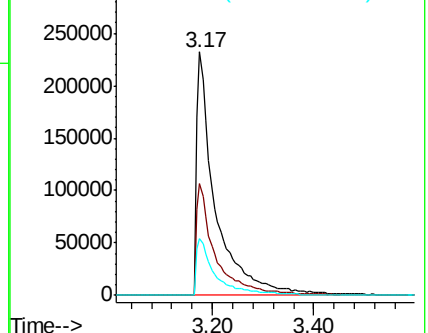
51 23.5 19.5 29.3



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: 41.853 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

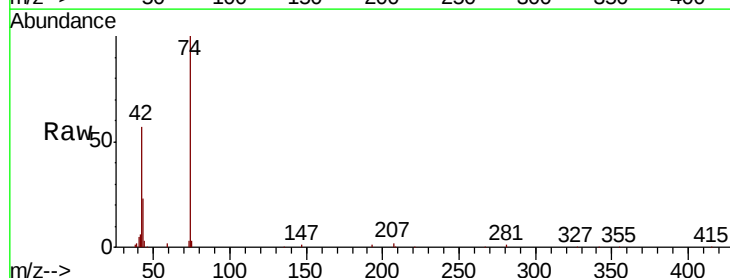
Tgt Ion: 42 Resp: 195238

Ion Ratio Lower Upper

42 100

74 175.0 144.4 216.6

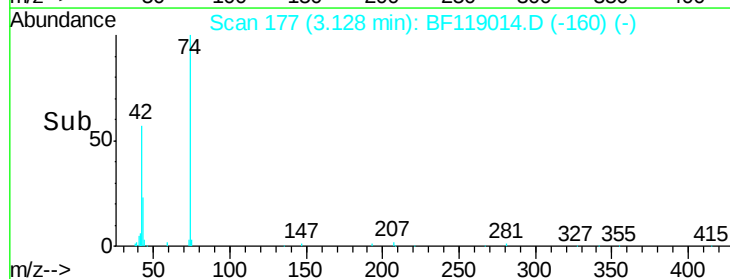
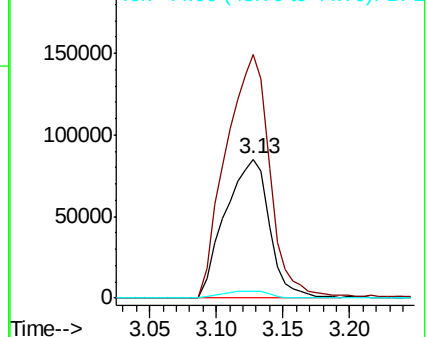
44 4.7 4.5 6.7

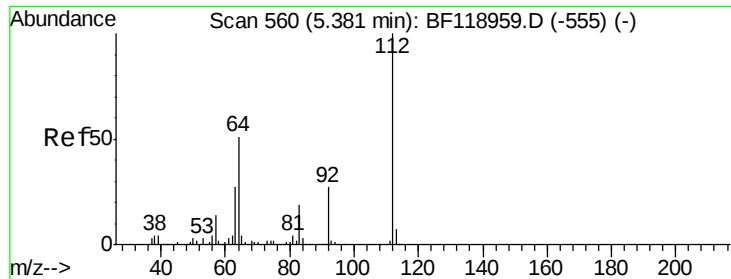


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.550 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampled :

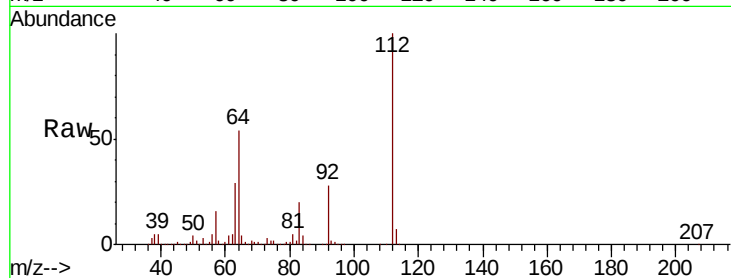
Tot Ion:112 Resp: 1020106

Ion Ratio Lower Upper

112 100

64 54.5 40.4 60.6

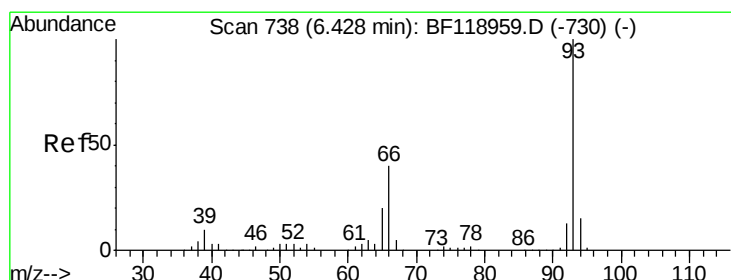
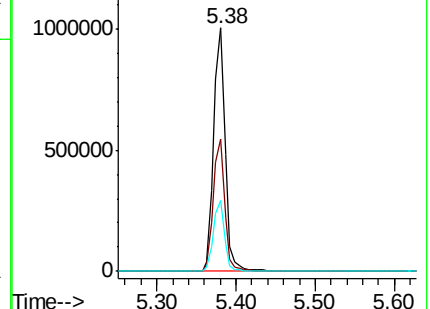
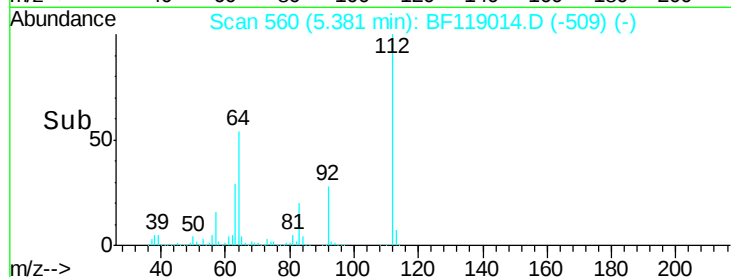
63 28.9 21.3 31.9



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: 40.580 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

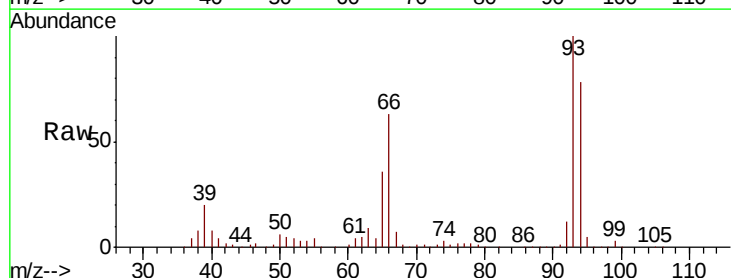
Tgt Ion: 93 Resp: 771227

Ion Ratio Lower Upper

93 100

66 63.2 32.2 48.2#

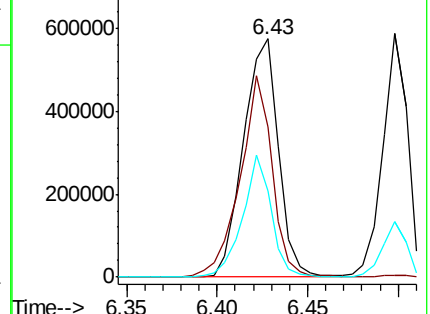
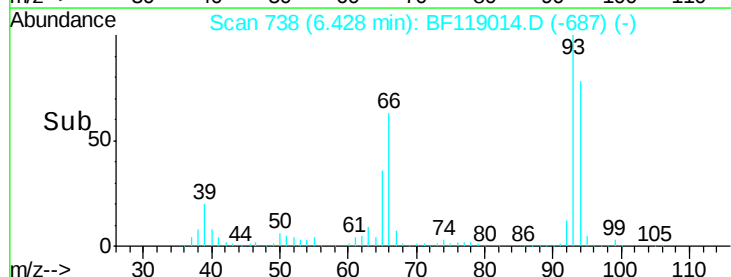
65 36.3 16.1 24.1#



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: 82.473 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

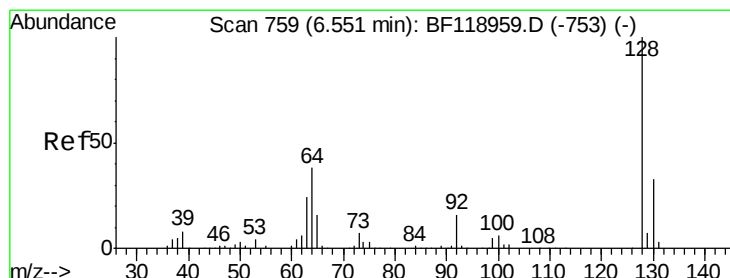
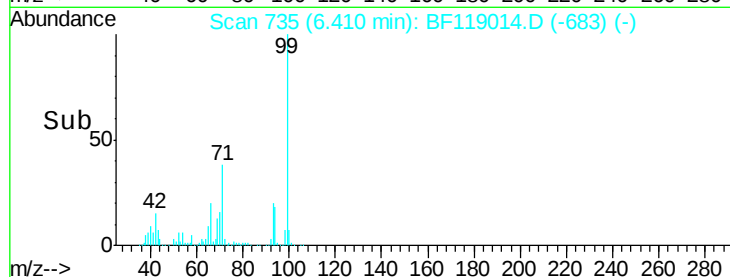
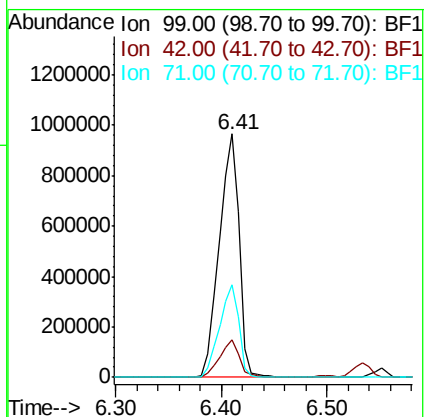
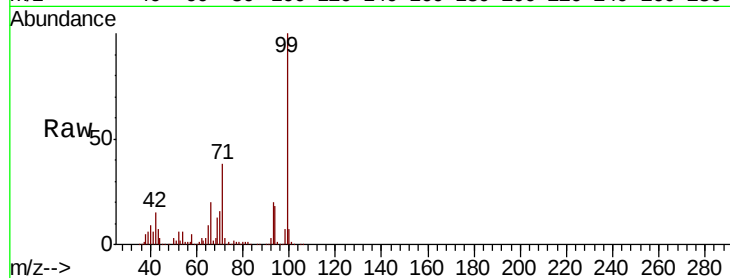
Tot Ion: 99 Resp: 1270254

Ion Ratio Lower Upper

99 100

42 15.4 11.4 17.0

71 38.0 29.8 44.6



#8

2-Chlorophenol

Concen: 42.302 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

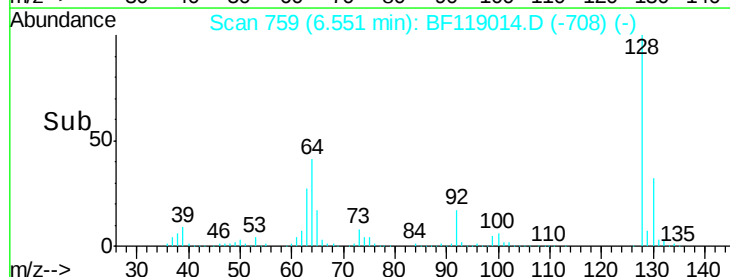
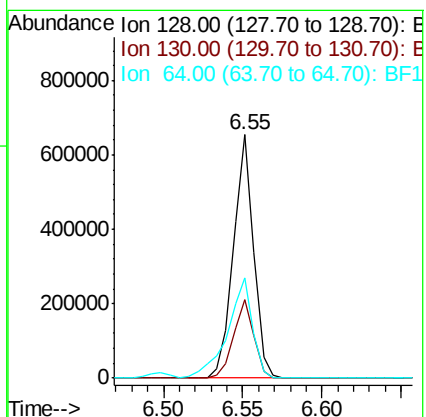
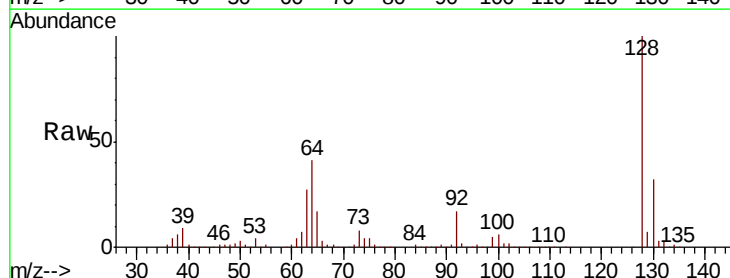
Tgt Ion: 128 Resp: 578144

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 41.3 18.7 58.7





#9

Benzaldehyde

Concen: 38.743 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampled :

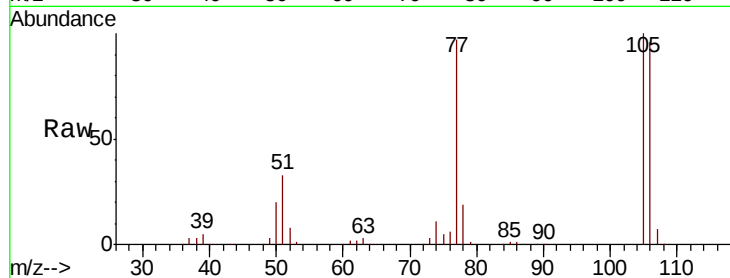
Tot Ion: 77 Resp: 398676

Ion Ratio Lower Upper

77 100

105 103.3 83.0 123.0

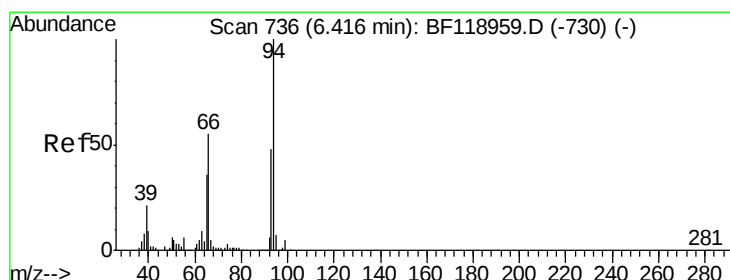
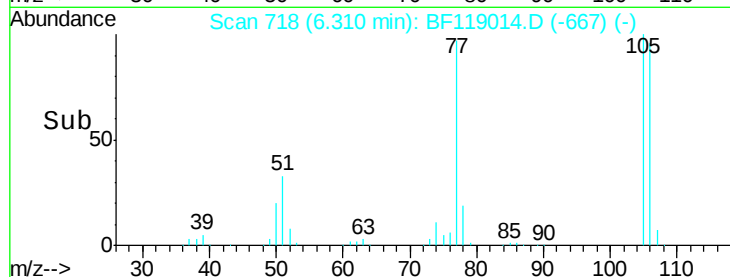
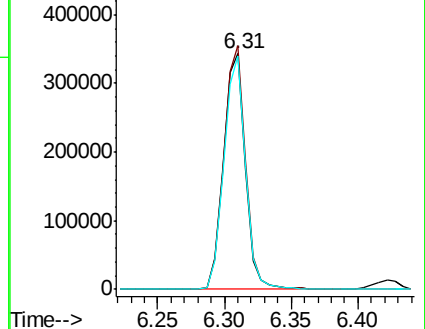
106 99.1 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.429 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

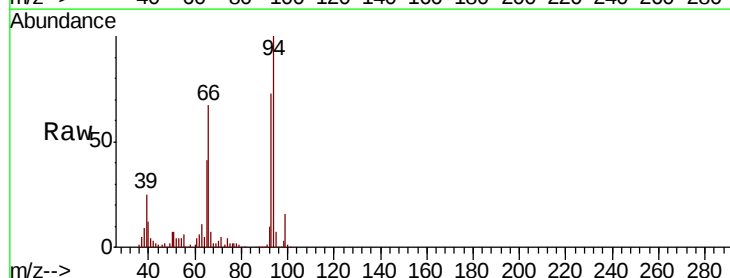
Tgt Ion: 94 Resp: 673243

Ion Ratio Lower Upper

94 100

65 40.8 15.5 55.5

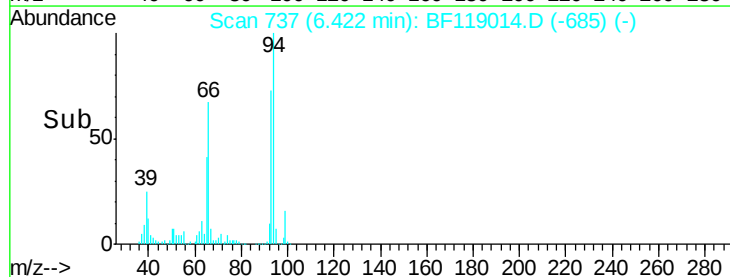
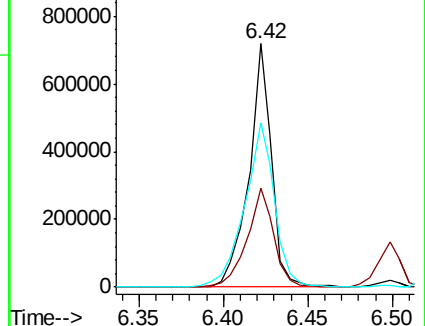
66 67.3 35.6 75.6

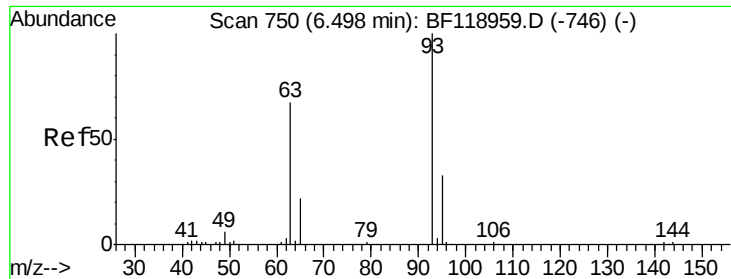


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



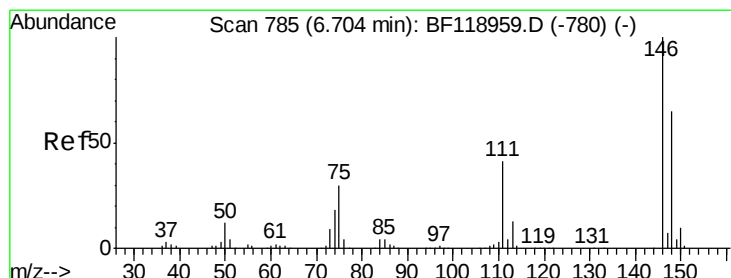
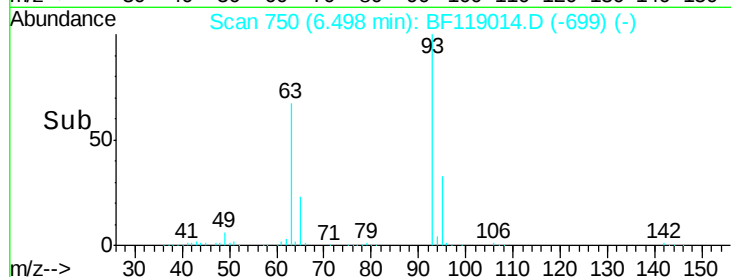
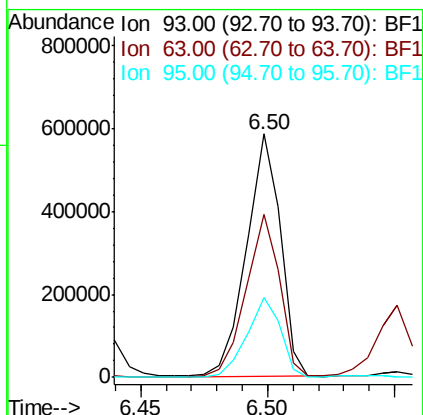
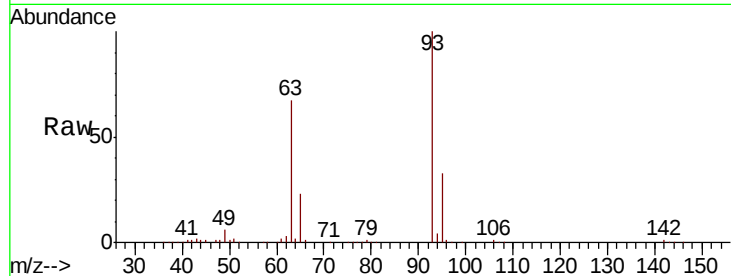


#11

bis(2-Chloroethyl)ether
Concen: 43.109 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

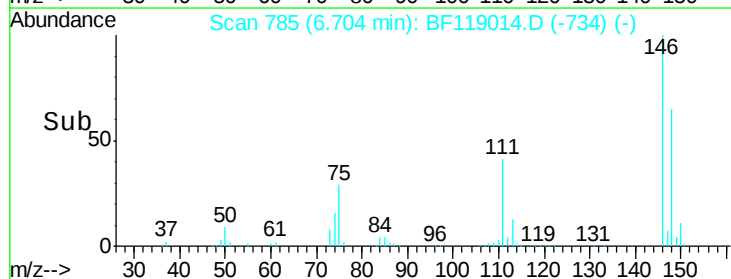
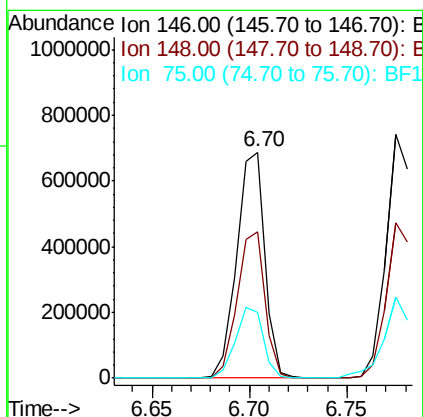
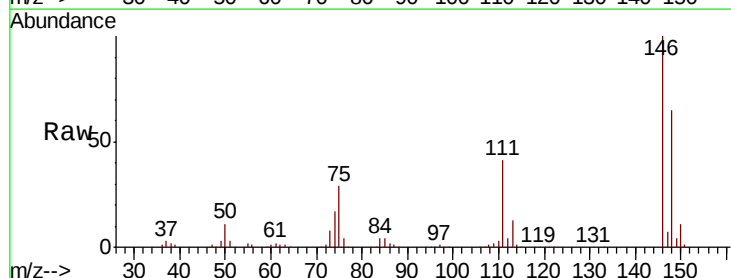
Tot Ion:	93	Resp:	549280
Ion	Ratio	Lower	Upper
93	100		
63	67.0	46.8	86.8
95	32.8	12.7	52.7

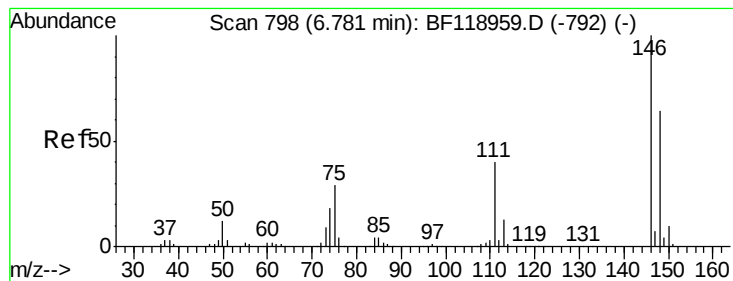


#12

1,3-Dichlorobenzene
Concen: 41.973 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:	146	Resp:	687558
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
75	28.8	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 41.973 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampled :

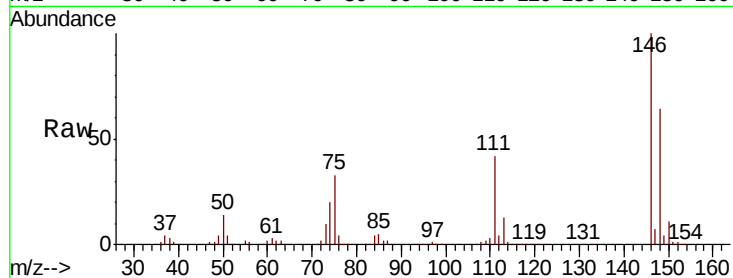
Tot Ion:146 Resp: 688033

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

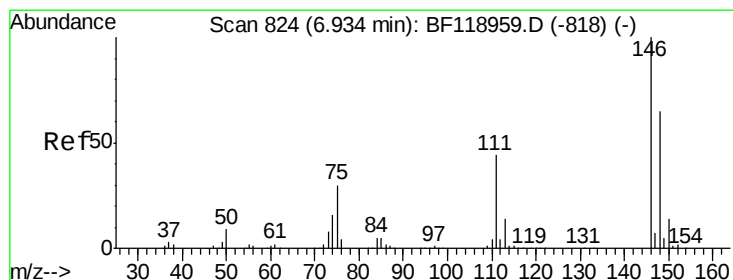
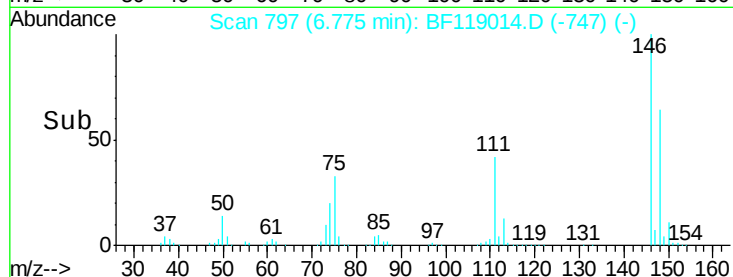
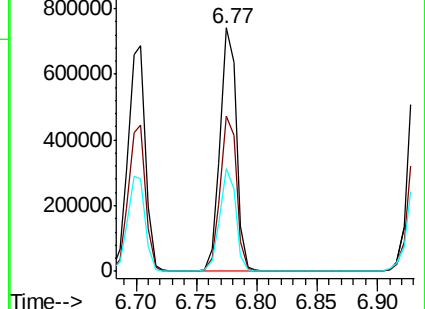
111 42.4 31.9 47.9



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: 42.013 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

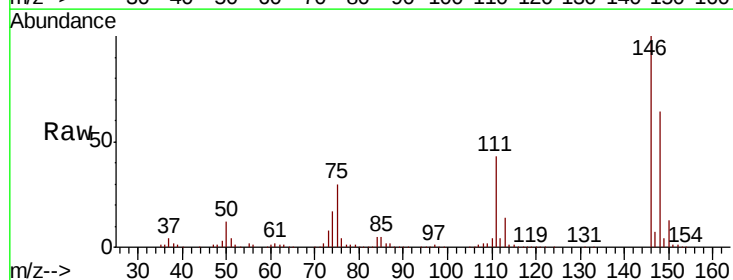
Tgt Ion:146 Resp: 628083

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

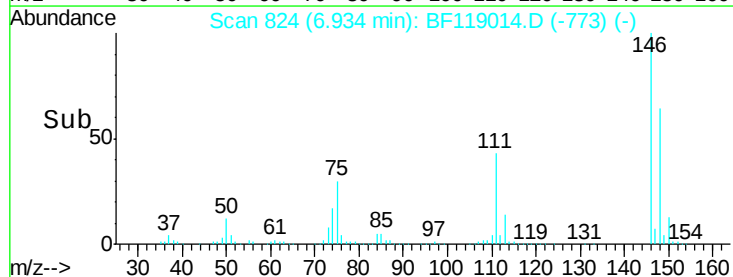
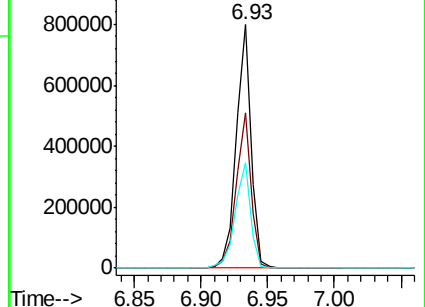
111 43.2 35.5 53.3



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: 44.062 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampled :

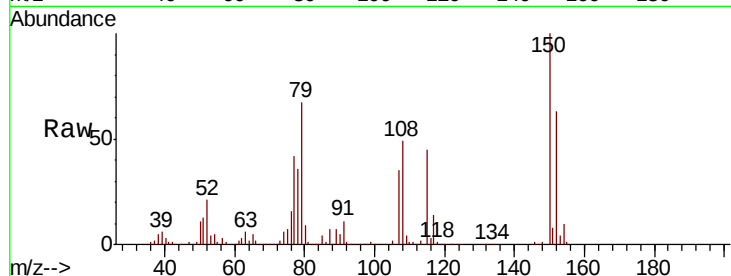
Tot Ion: 79 Resp: 490484

Ion Ratio Lower Upper

79 100

108 73.4 61.1 91.7

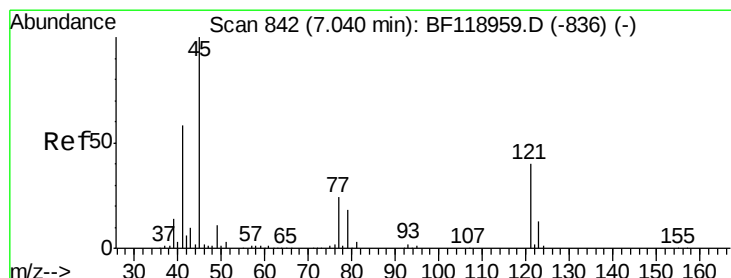
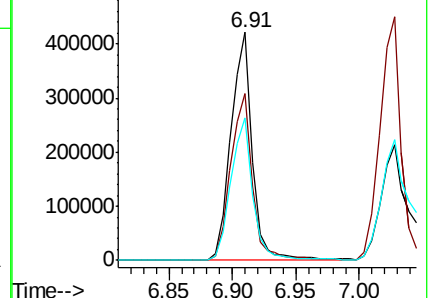
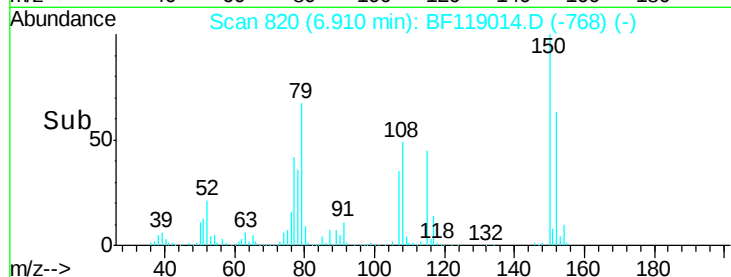
77 62.4 50.2 75.2



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: 43.803 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

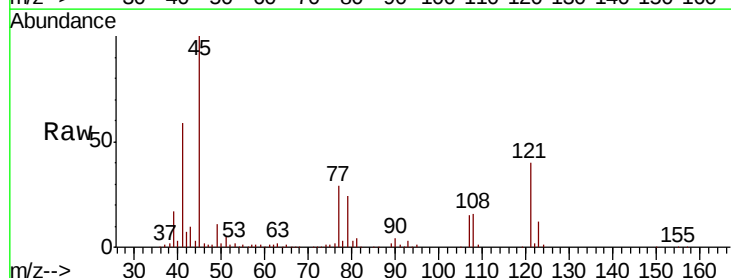
Tgt Ion: 45 Resp: 483467

Ion Ratio Lower Upper

45 100

77 29.4 6.1 46.1

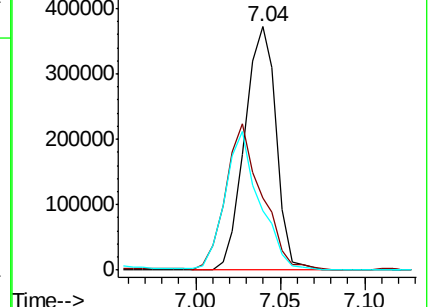
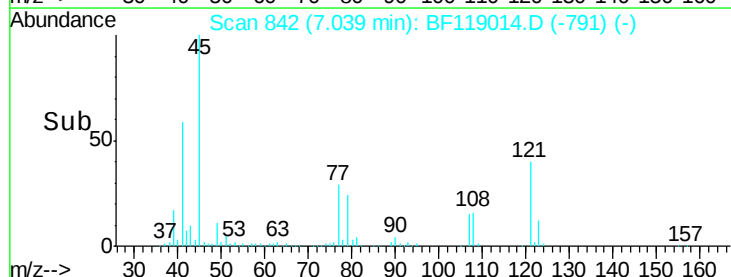
79 24.2 0.5 40.5

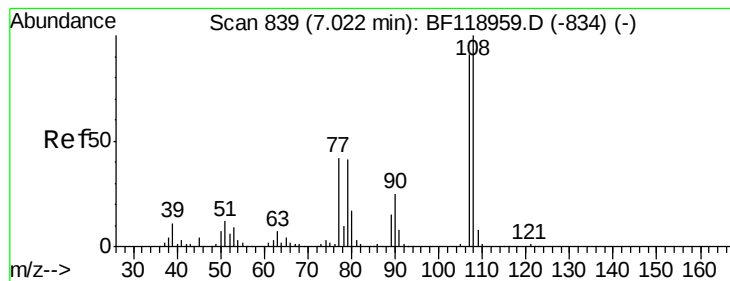


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

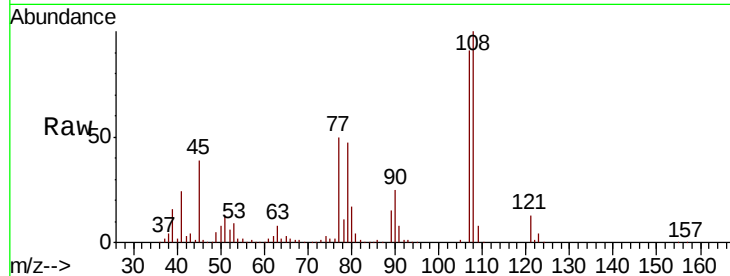




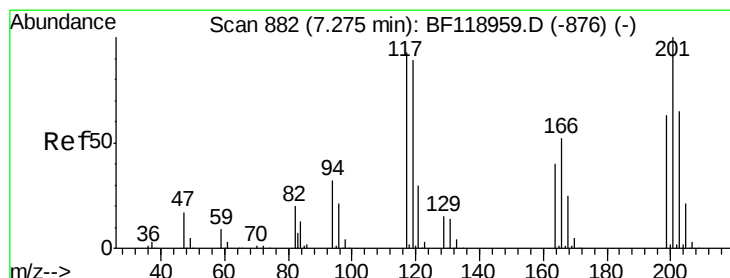
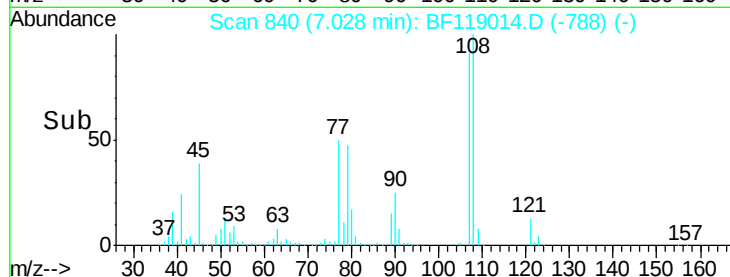
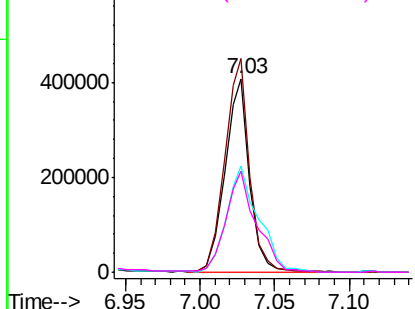
#17
2-Methylphenol
Concen: 42.280 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 468499
Ion Ratio Lower Upper
107 100
108 110.5 87.7 131.5
77 54.7 36.8 55.2
79 52.2 36.4 54.6

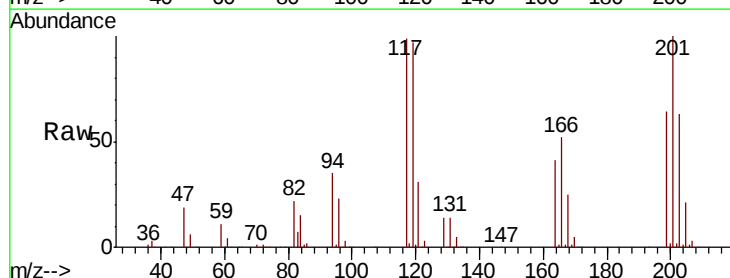


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

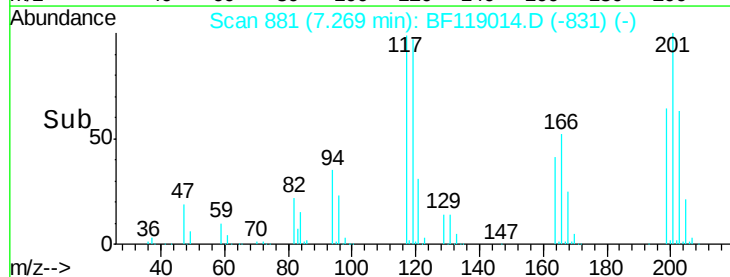
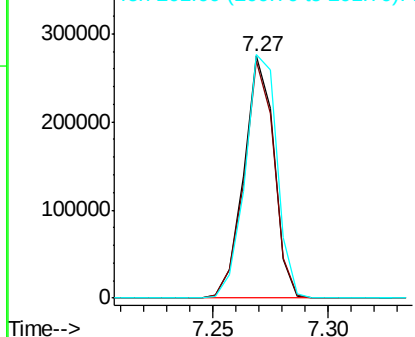


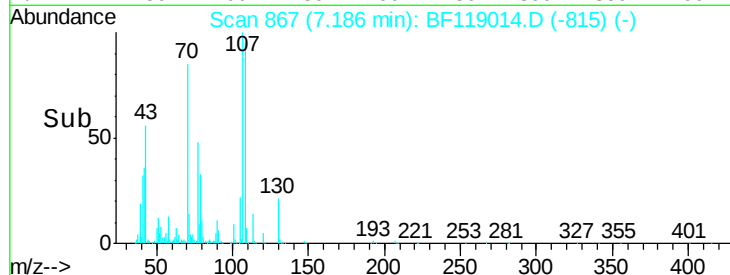
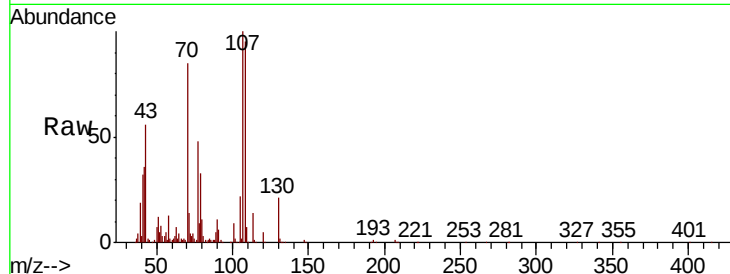
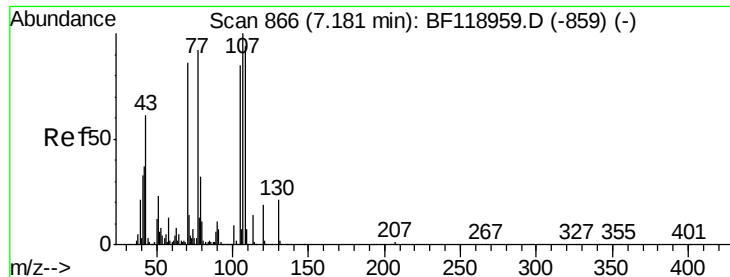
#18
Hexachloroethane
Concen: 42.851 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:117 Resp: 251303
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.6
201 100.6 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

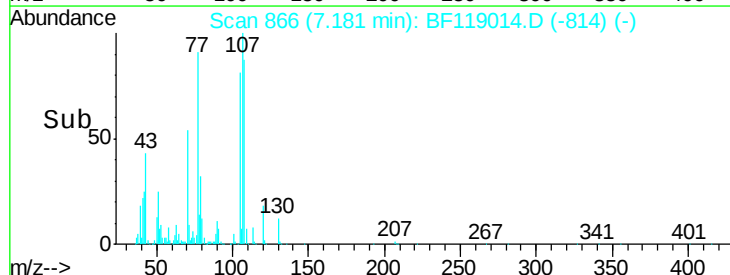
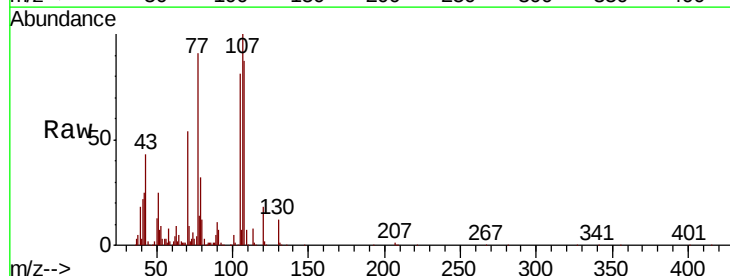
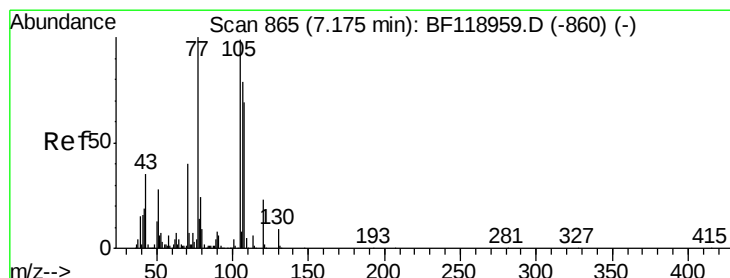
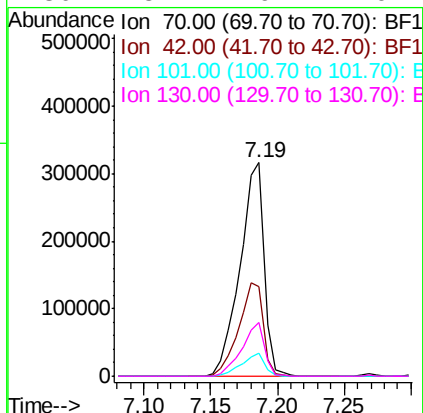




#19
n-Nitroso-di-n-propylamine
Concen: 44.118 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

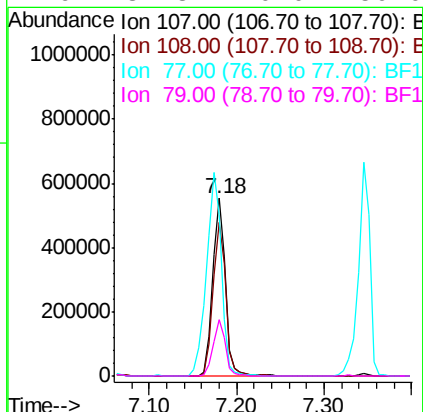
Instrument :
BNA_F
ClientSampled :

Tot Ion	70	Resp	395950
Ion Ratio	Lower	Upper	
70	100		
42	42.2	34.6	51.8
101	10.7	8.1	12.1
130	25.1	19.4	29.2



#20
3+4-Methylphenols
Concen: 41.104 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion	107	Resp	558004
Ion Ratio	Lower	Upper	
107	100		
108	86.9	67.0	107.0
77	91.2	106.2	146.2#
79	31.8	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 784391

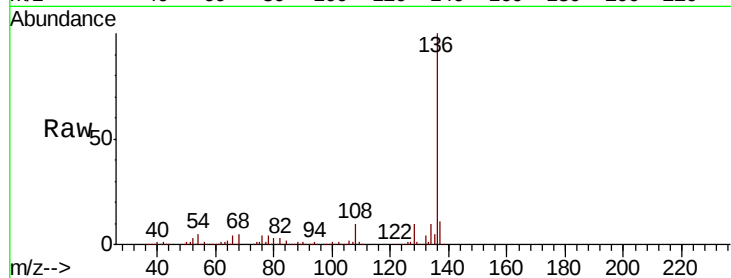
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.6 3.8 5.6

68 4.9 4.2 6.2

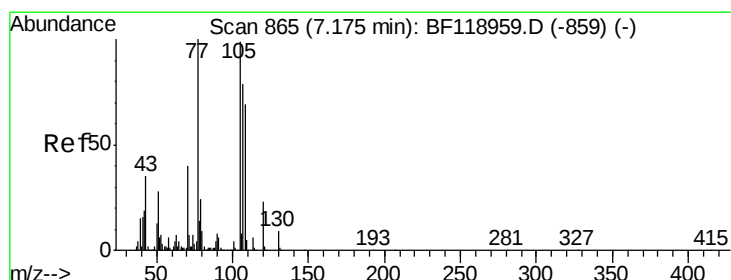
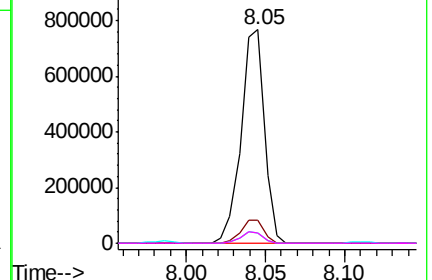
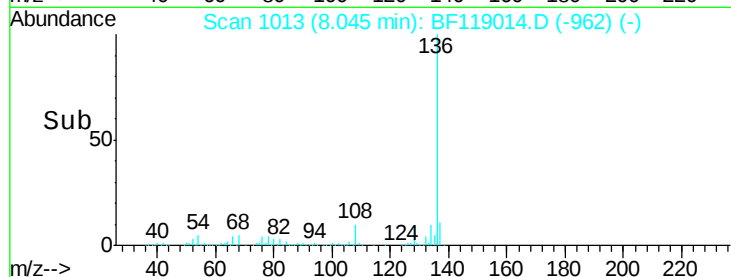


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.814 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Tgt Ion:105 Resp: 758877

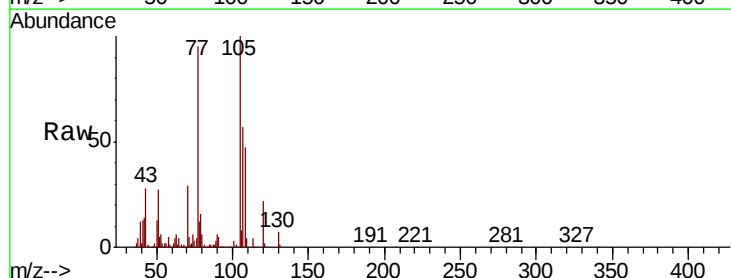
Ion Ratio Lower Upper

105 100

71 4.9 5.4 8.0#

51 26.5 22.5 33.7

120 22.4 18.4 27.6

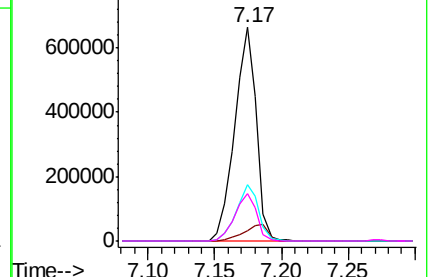
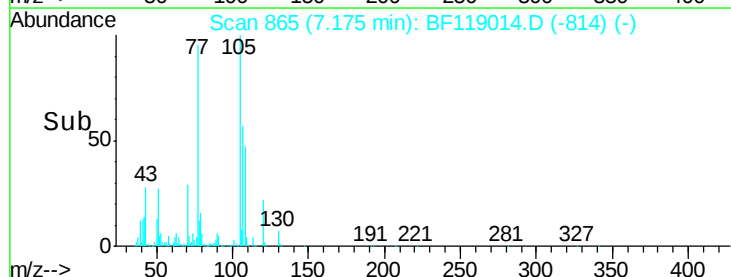


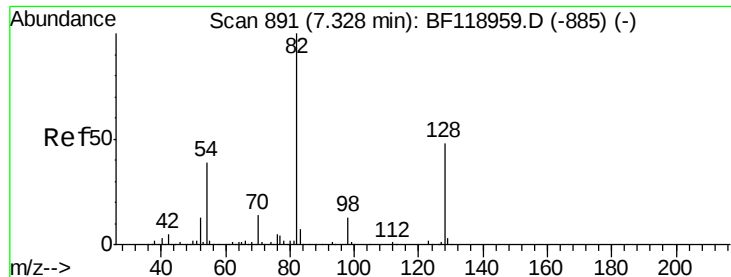
Abundance Ion 105.00 (104.70 to 105.70): E

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

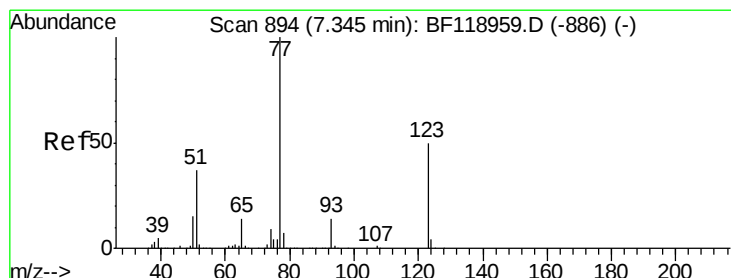
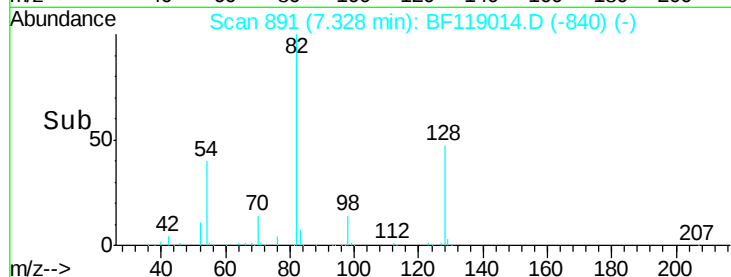
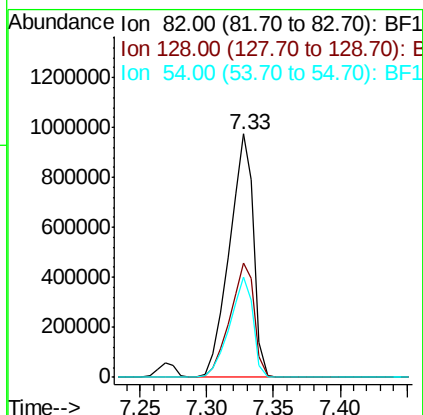
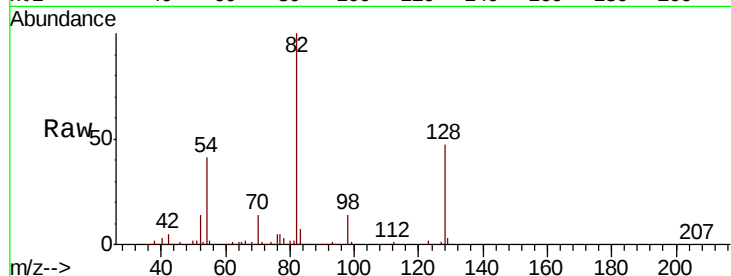




#23
Nitrobenzene-d5
Concen: 83.065 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

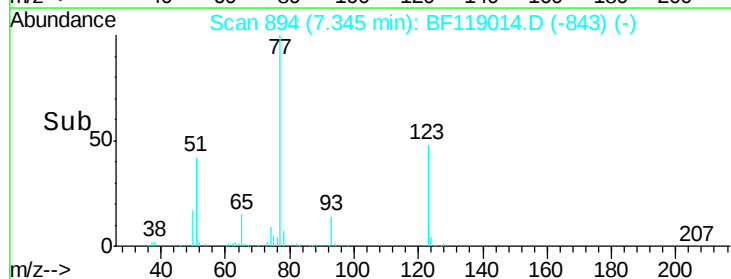
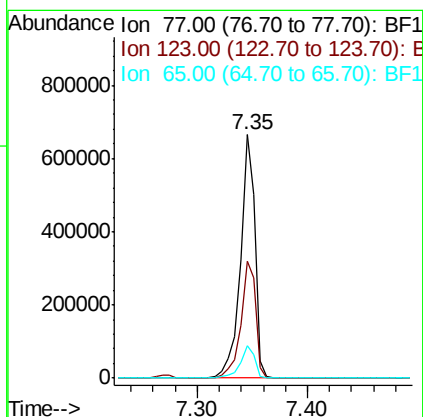
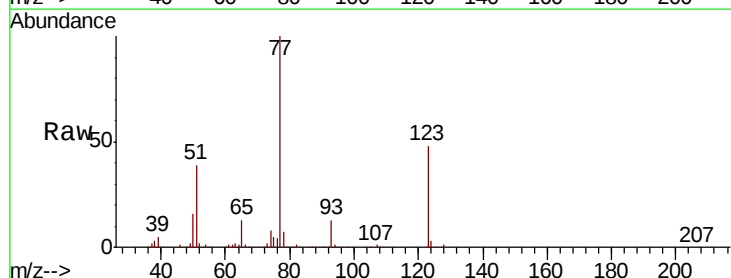
Instrument :
BNA_F
ClientSampleId :

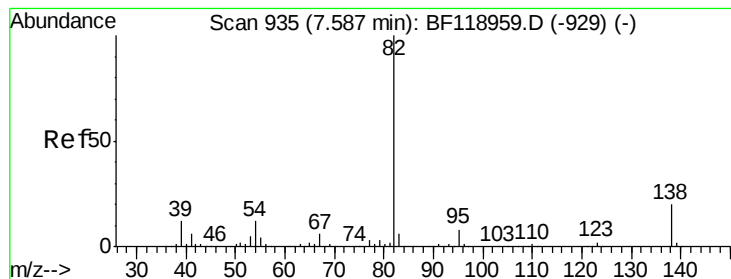
Tot Ion: 82 Resp: 1233997
Ion Ratio Lower Upper
82 100
128 47.0 38.2 57.2
54 41.3 31.3 46.9



#24
Nitrobenzene
Concen: 41.607 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion: 77 Resp: 611242
Ion Ratio Lower Upper
77 100
123 47.9 40.1 60.1
65 13.4 10.9 16.3





#25

Isophorone

Concen: 42.754 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

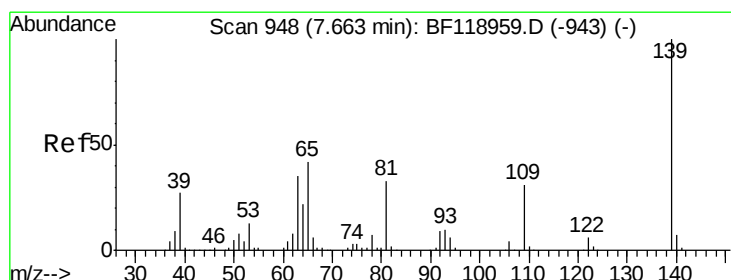
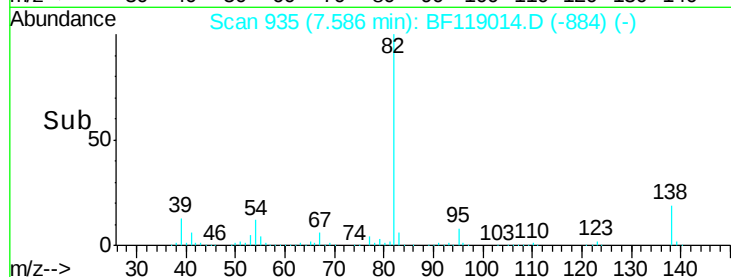
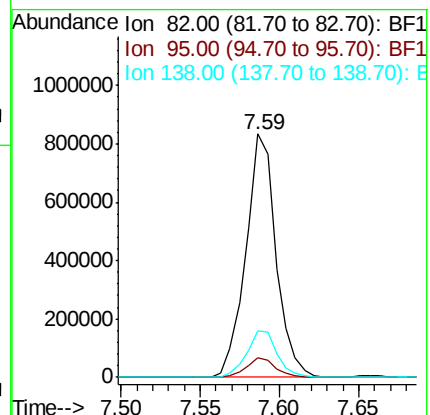
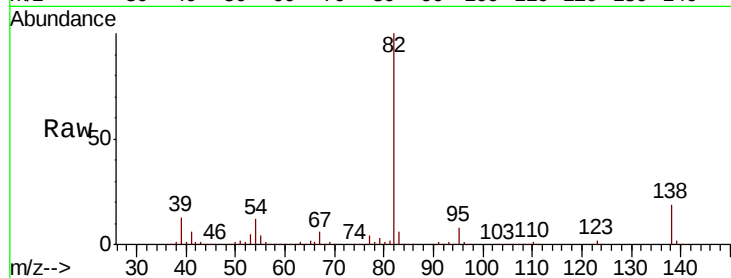
Tot Ion: 82 Resp: 1103070

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 19.0 15.8 23.6



#26

2-Nitrophenol

Concen: 42.692 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

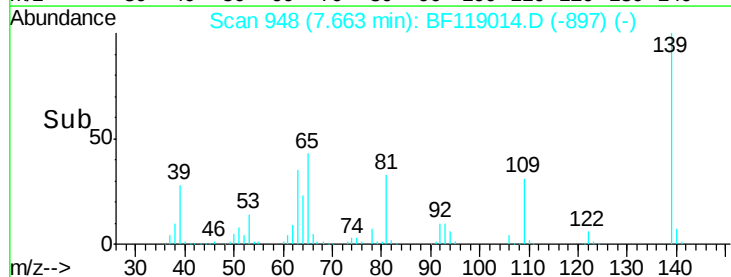
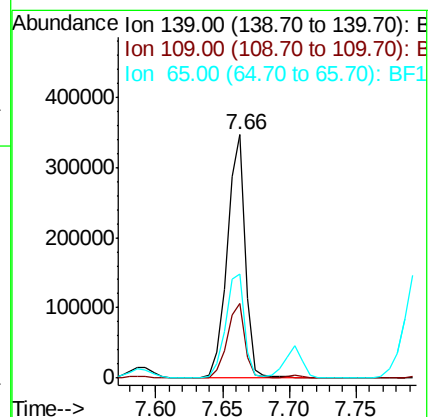
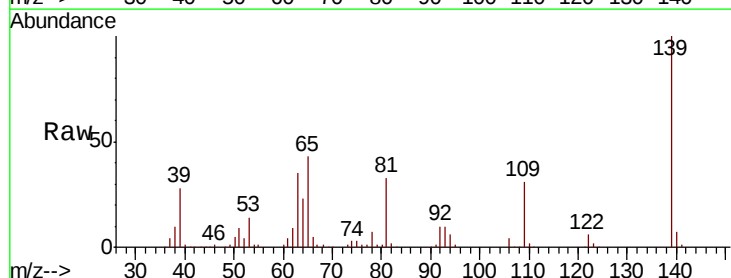
Tgt Ion: 139 Resp: 332312

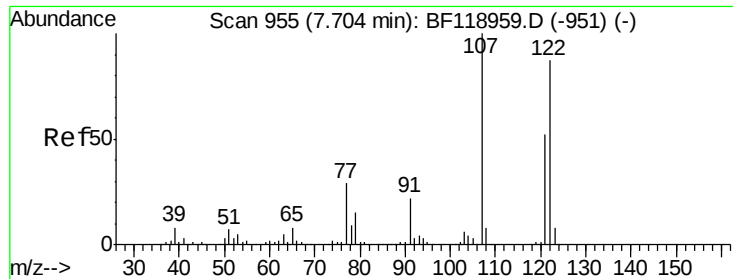
Ion Ratio Lower Upper

139 100

109 30.7 24.6 36.8

65 42.9 33.6 50.4

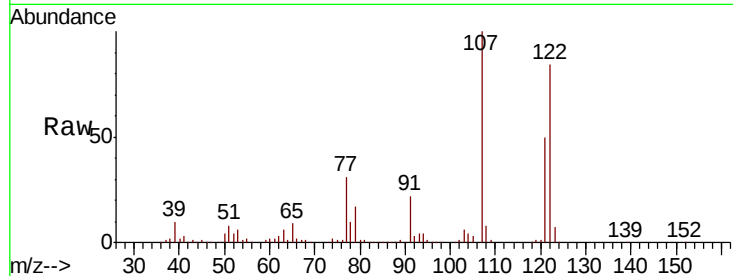




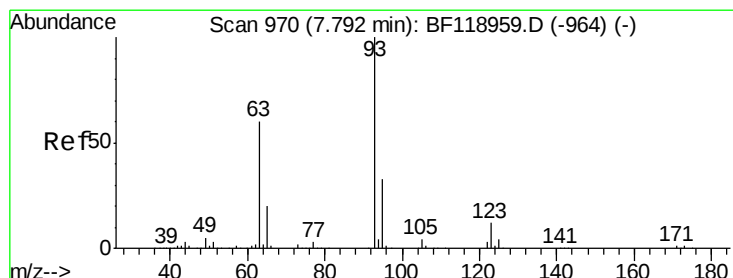
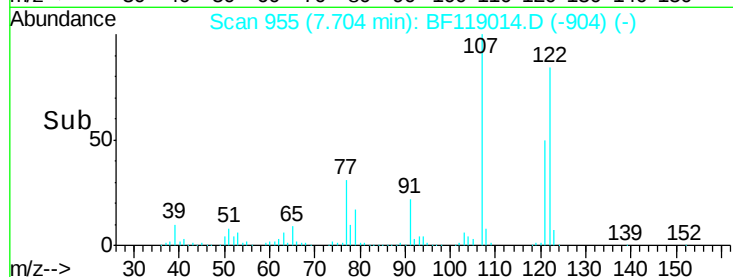
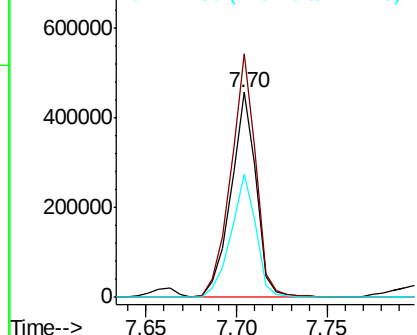
#27
 2,4-Dimethylphenol
 Concen: 41.882 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 442448
 Ion Ratio Lower Upper
 122 100
 107 118.7 91.8 137.8
 121 59.9 47.4 71.0

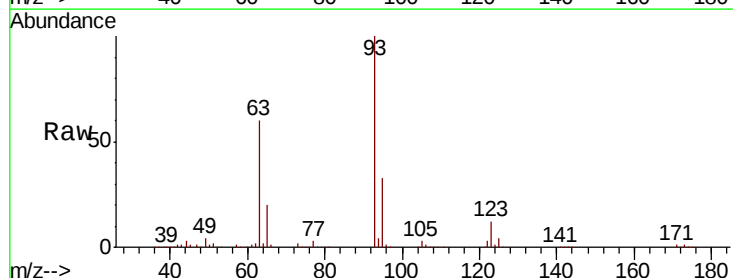


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

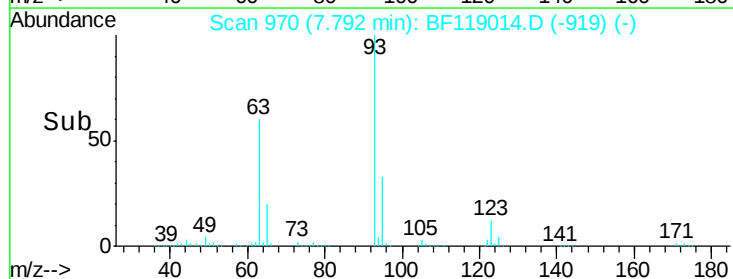
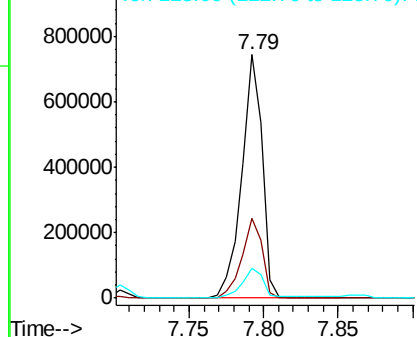


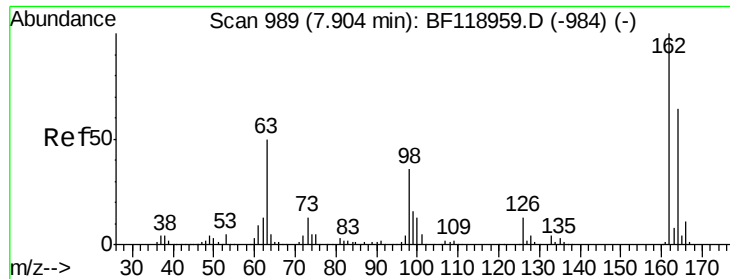
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.310 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Tgt Ion: 93 Resp: 710526
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 12.2 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

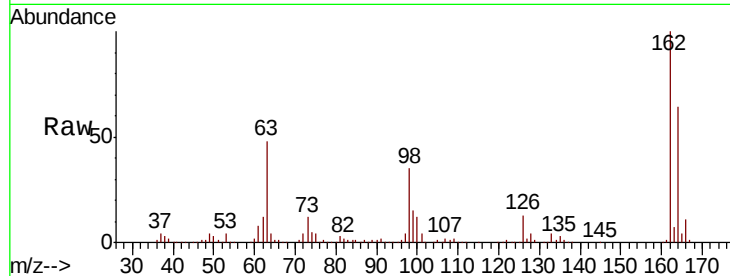




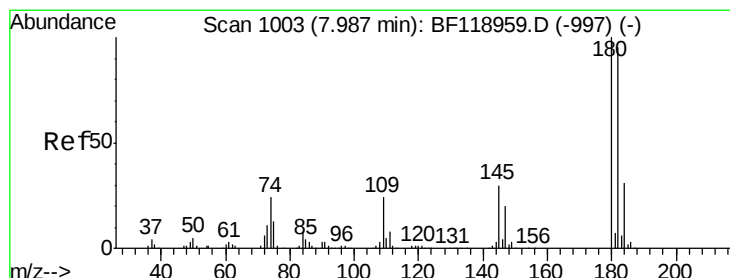
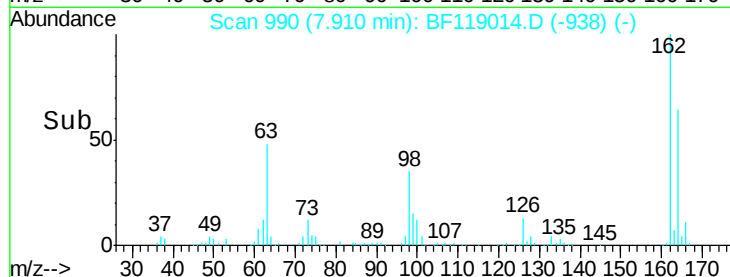
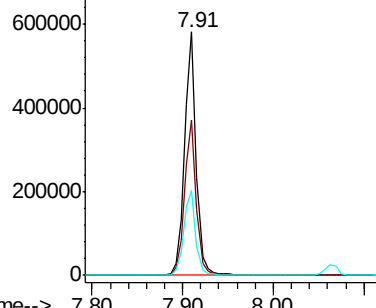
#29
2,4-Dichlorophenol
Concen: 41.894 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	35.1	16.4	56.4

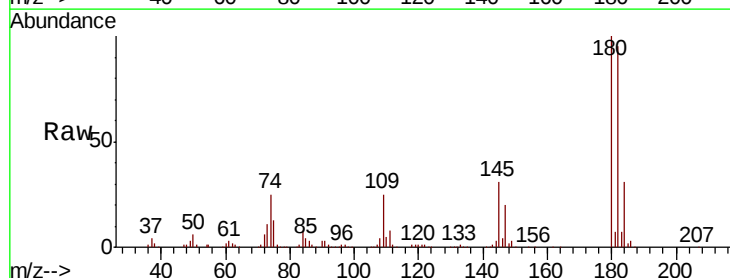


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

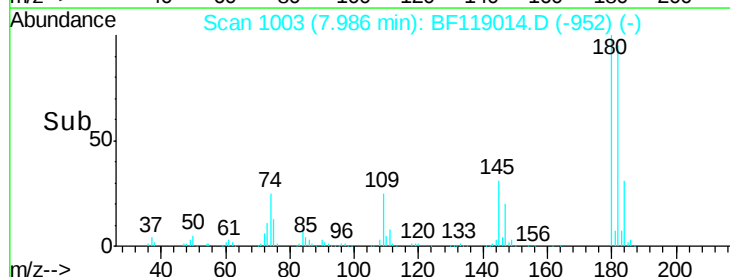
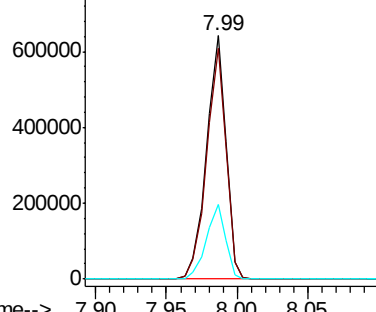


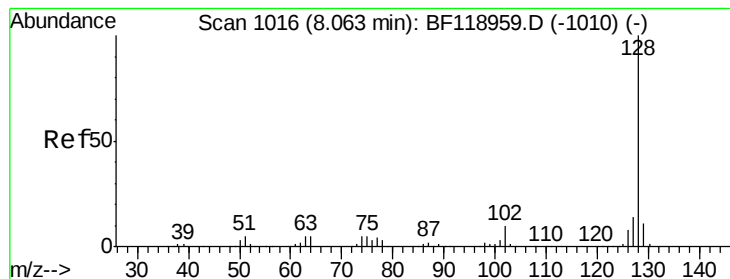
#30
1,2,4-Trichlorobenzene
Concen: 41.677 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	30.8	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: 40.888 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

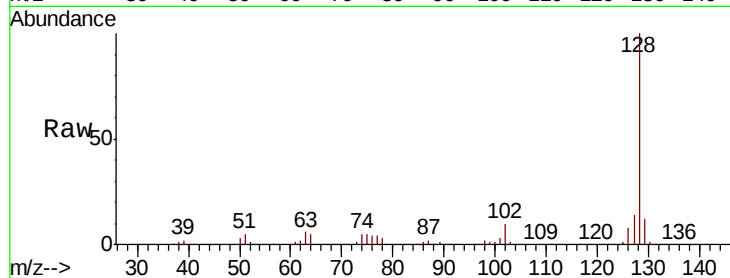
Tot Ion:128 Resp: 1663329

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.4

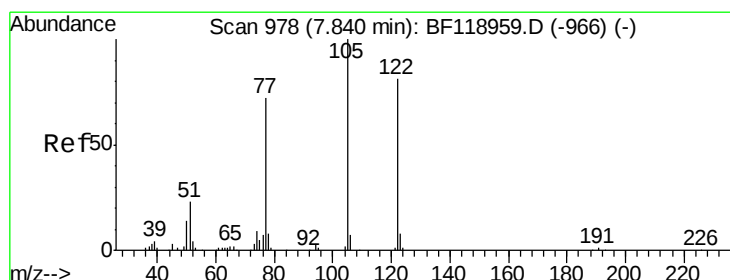
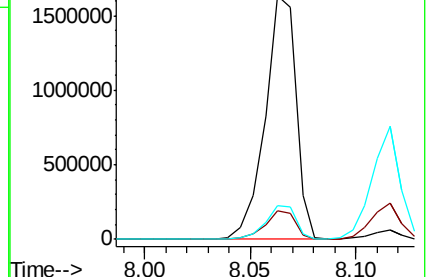
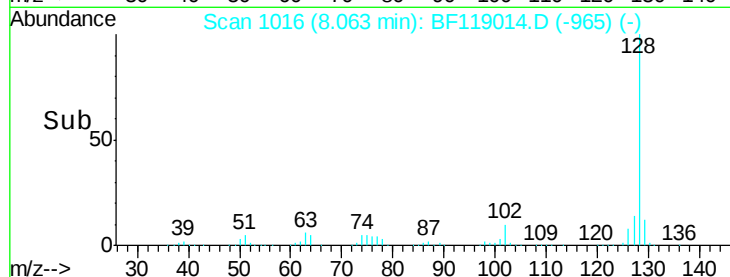
127 14.0 10.9 16.3



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: 45.679 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

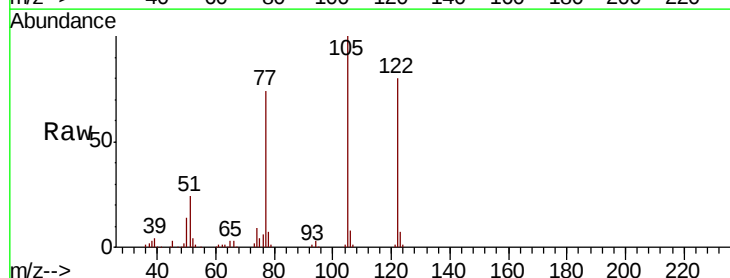
Tgt Ion:122 Resp: 349223

Ion Ratio Lower Upper

122 100

105 124.4 102.2 142.2

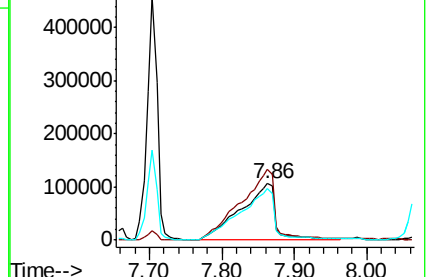
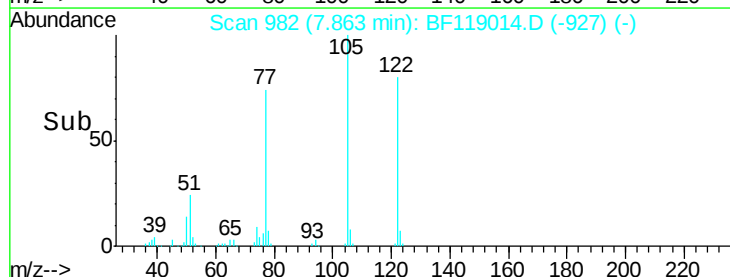
77 91.6 68.6 108.6

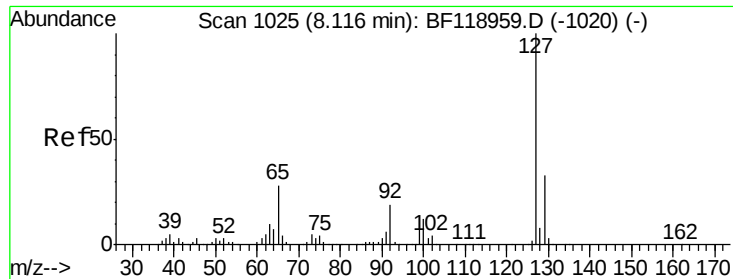


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

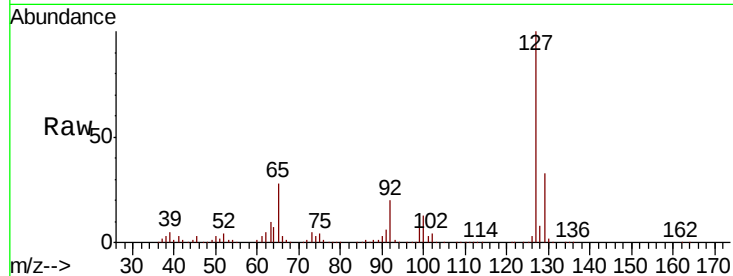




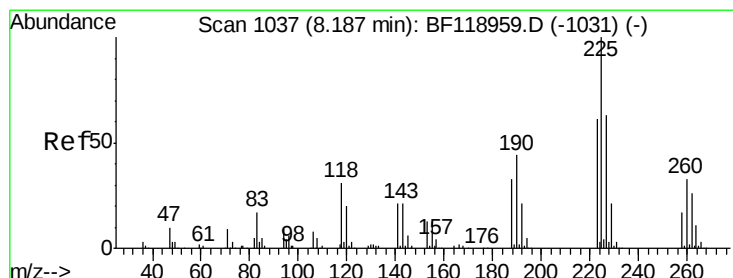
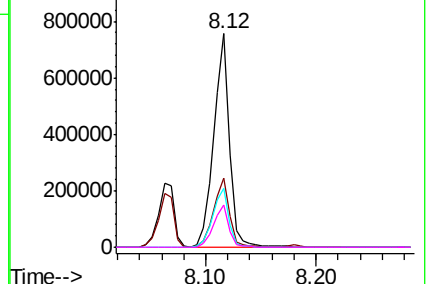
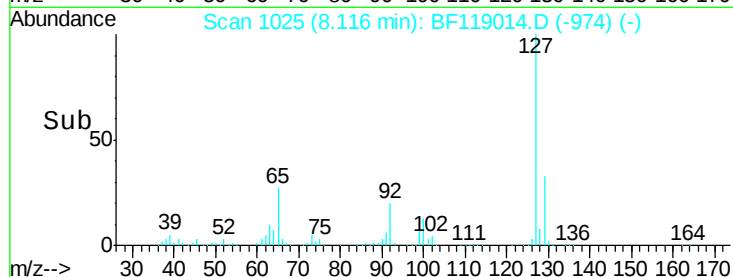
#33
4-Chloroaniline
Concen: 41.553 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	727048
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.7	22.0	33.0
92	19.7	15.5	23.3

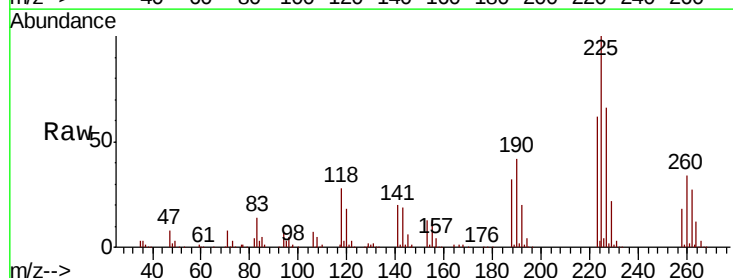


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

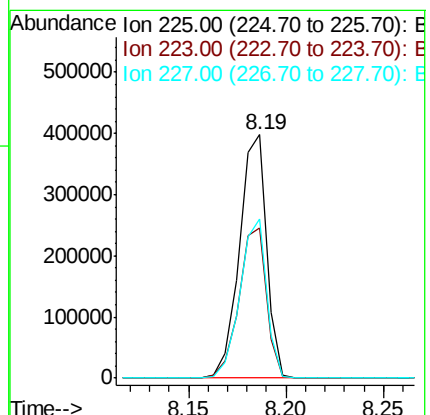
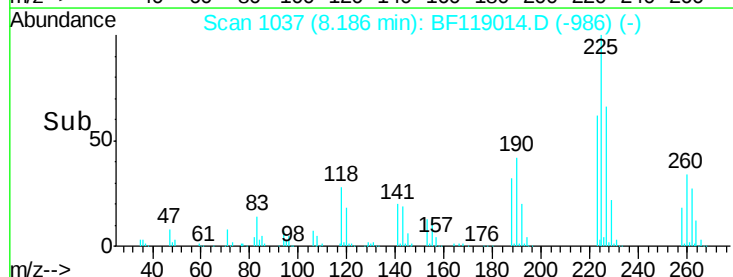


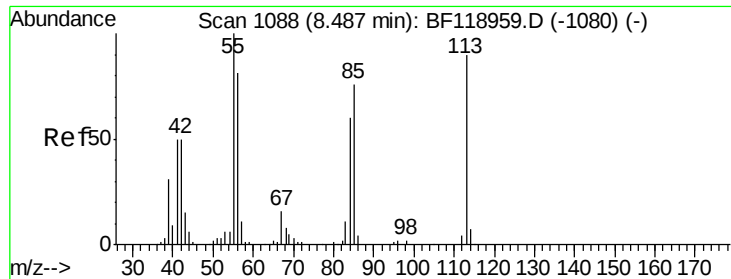
#34
Hexachlorobutadiene
Concen: 41.783 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:	225	Resp:	383768
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.9	73.3
227	65.6	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

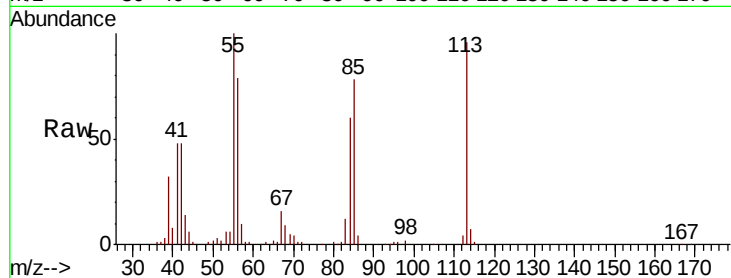




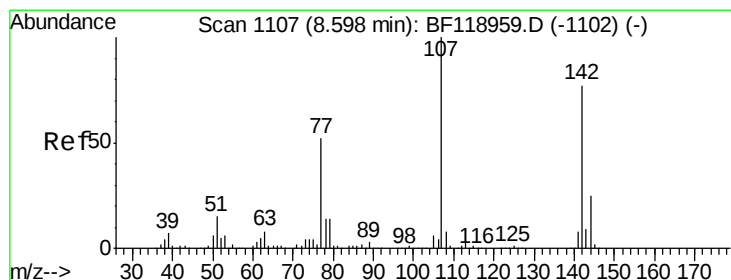
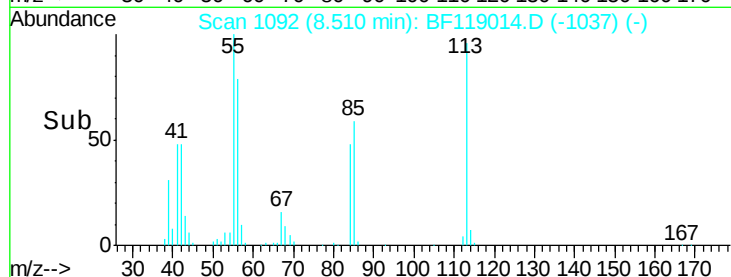
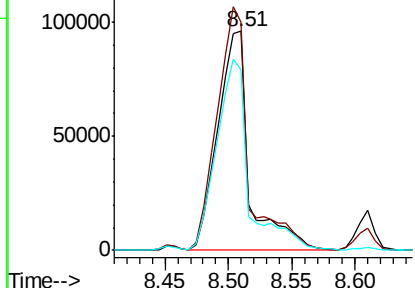
#35
 Caprolactam
 Concen: 43.586 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.02 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 166910
 Ion Ratio Lower Upper
 113 100
 55 104.1 90.8 130.8
 56 82.5 70.0 110.0

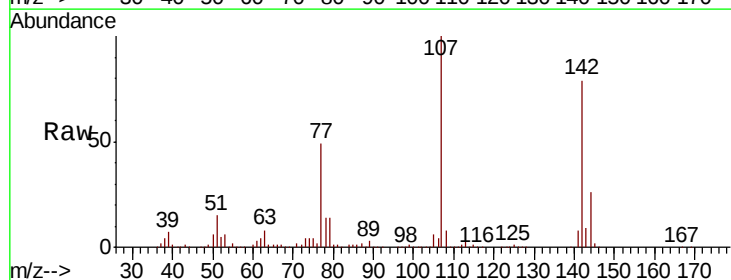


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

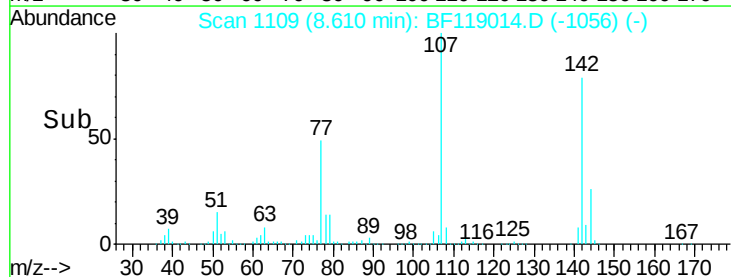
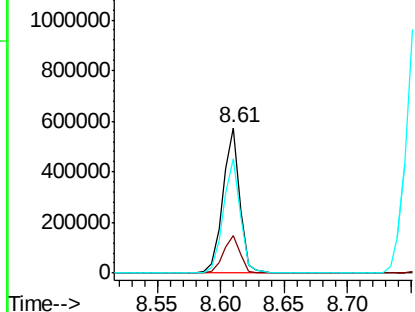


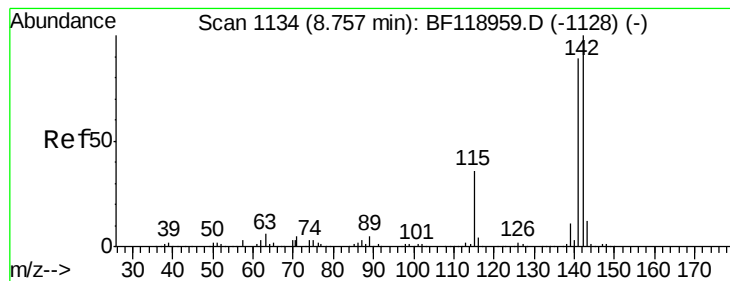
#36
 4-Chloro-3-methylphenol
 Concen: 42.393 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Tgt Ion:107 Resp: 533582
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.8 29.8
 142 78.7 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: 42.036 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

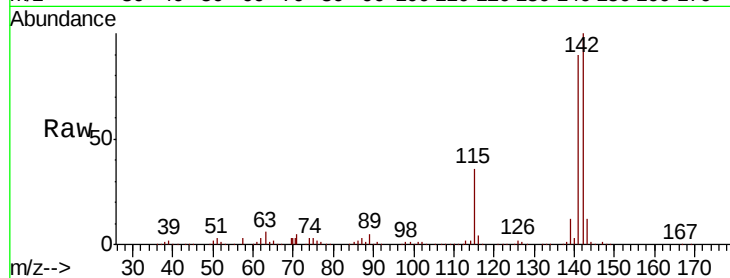
Tot Ion:142 Resp: 1150778

Ion Ratio Lower Upper

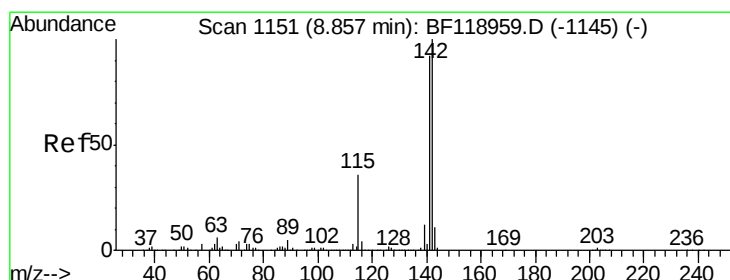
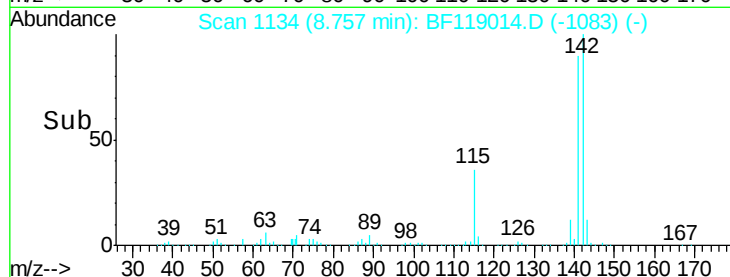
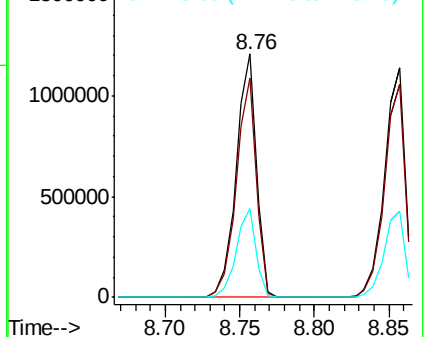
142 100

141 90.2 71.0 106.4

115 36.5 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: 41.522 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

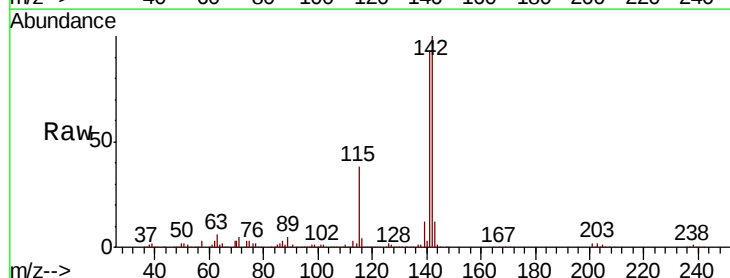
Tgt Ion:142 Resp: 1069043

Ion Ratio Lower Upper

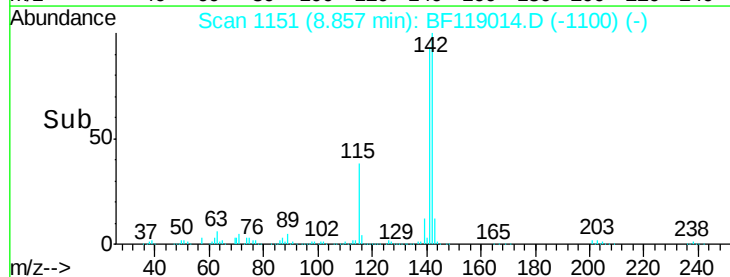
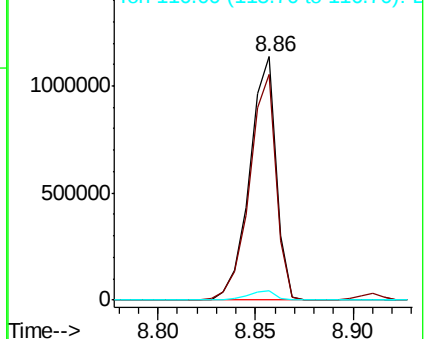
142 100

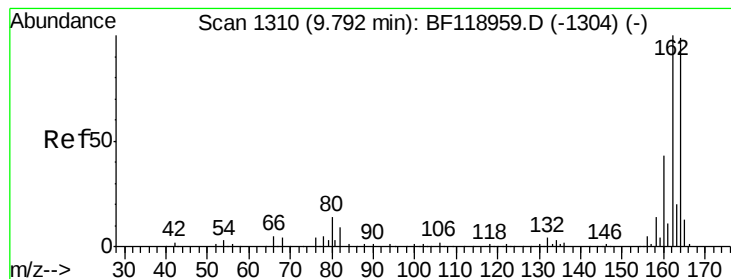
141 92.8 73.7 110.5

116 3.8 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: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

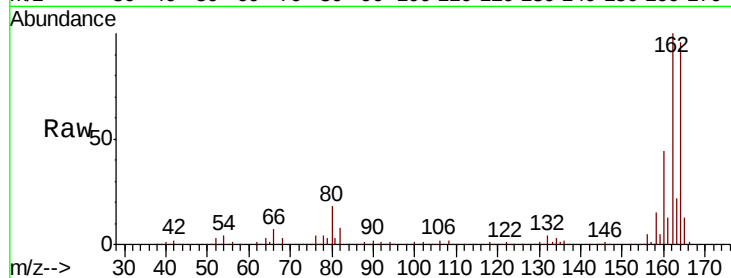
Tot Ion:164 Resp: 437575

Ion Ratio Lower Upper

164 100

162 103.7 81.2 121.8

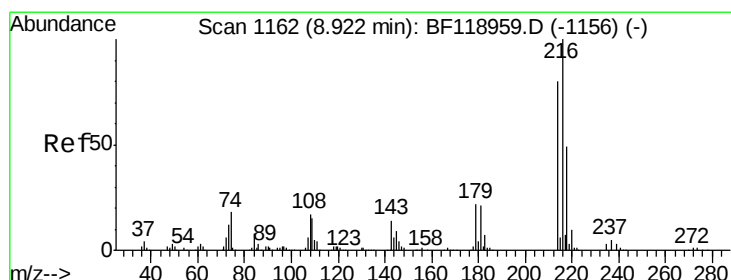
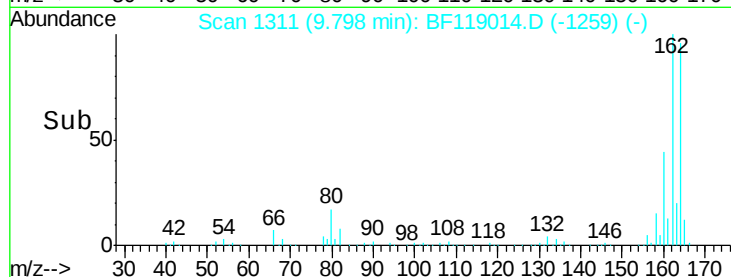
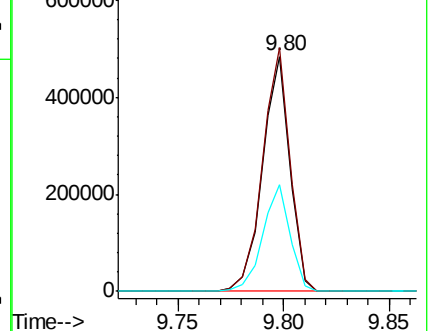
160 45.2 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.069 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Tgt Ion:216 Resp: 605904

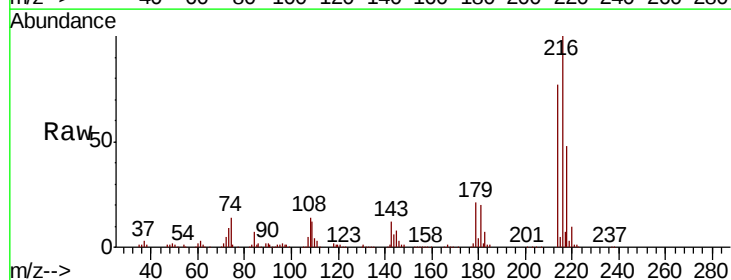
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 21.9 17.2 25.8

108 17.3 13.4 20.0

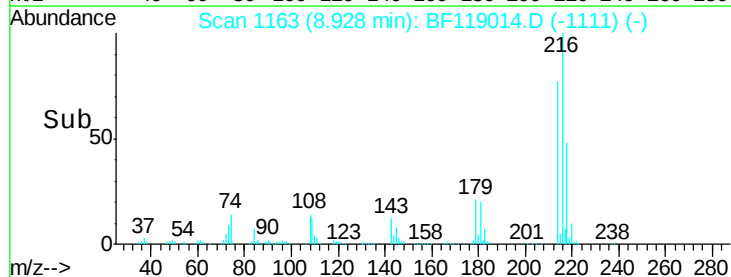
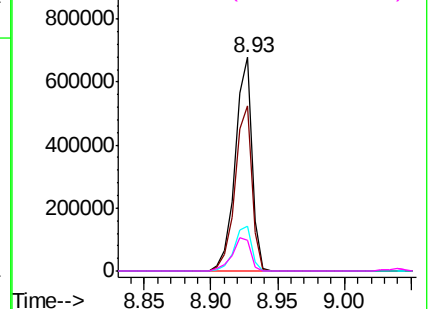


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.514 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

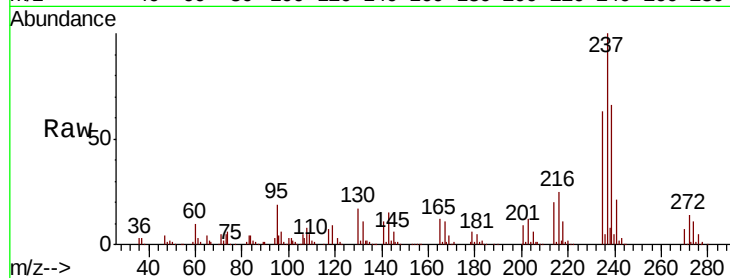
Tot Ion:237 Resp: 219778

Ion Ratio Lower Upper

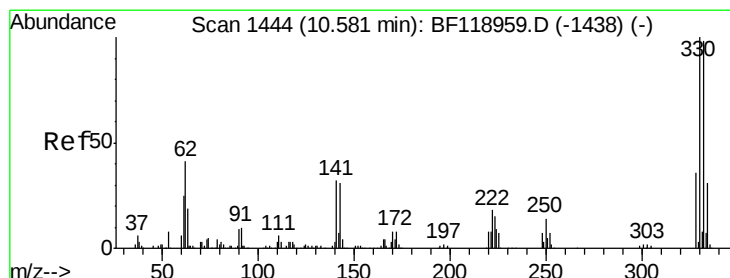
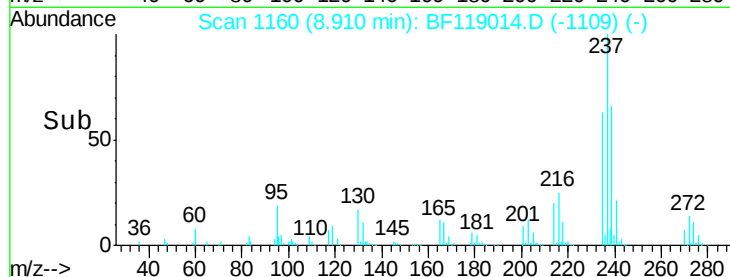
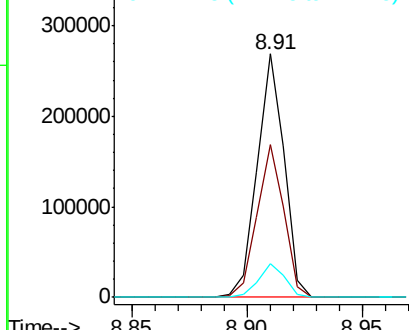
237 100

235 62.6 39.4 79.4

272 13.8 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: 85.733 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

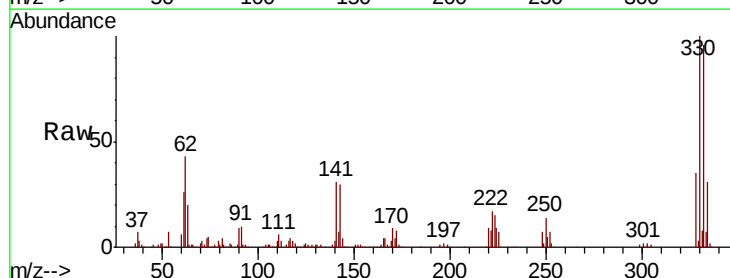
Tgt Ion:330 Resp: 490757

Ion Ratio Lower Upper

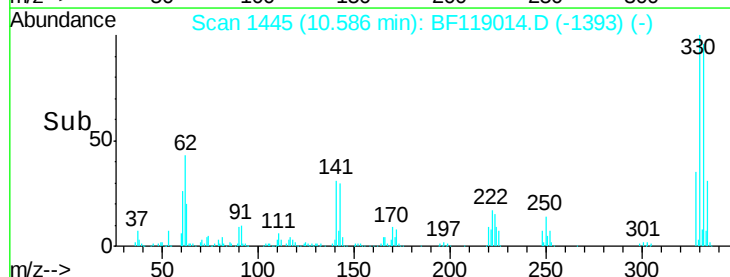
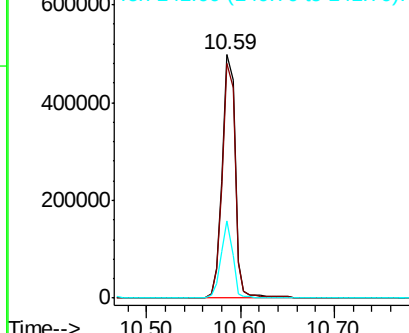
330 100

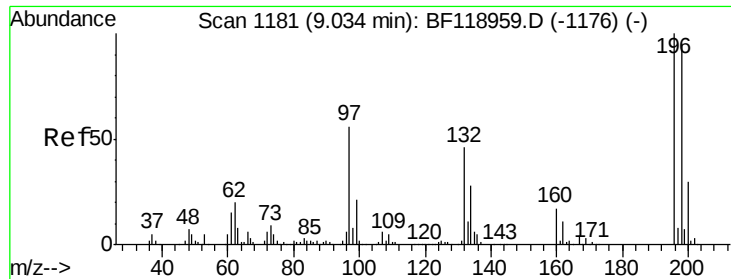
332 96.8 77.1 115.7

141 28.6 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

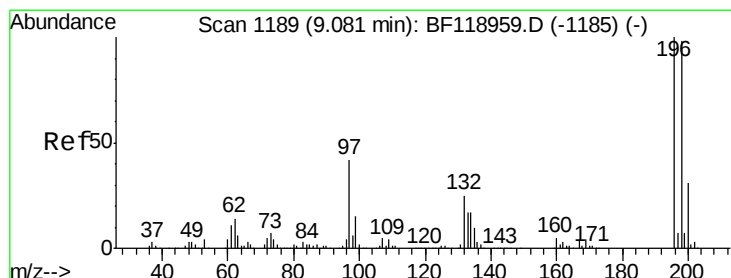
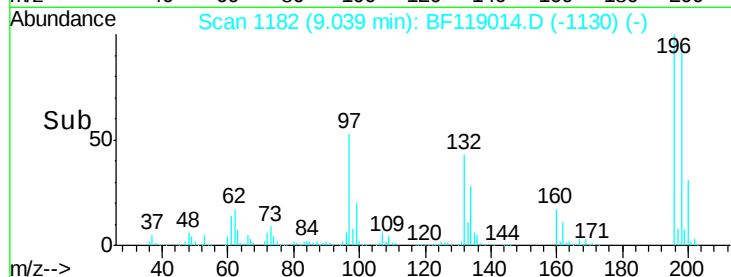
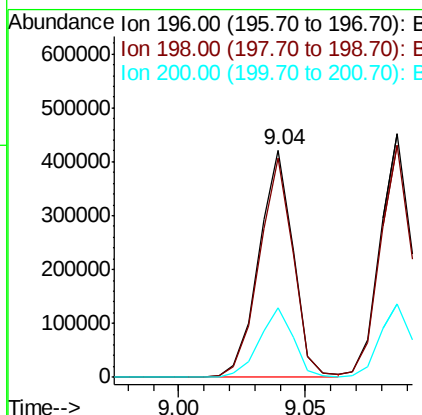
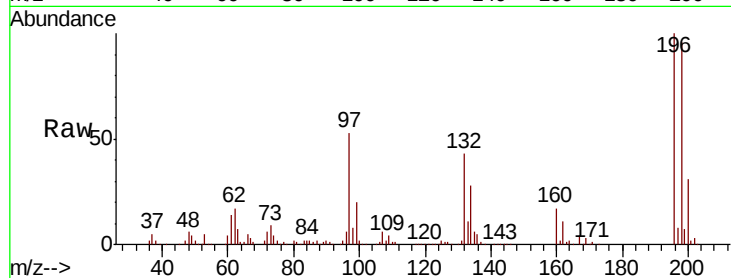




#43
 2,4,6-Trichlorophenol
 Concen: 42.755 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

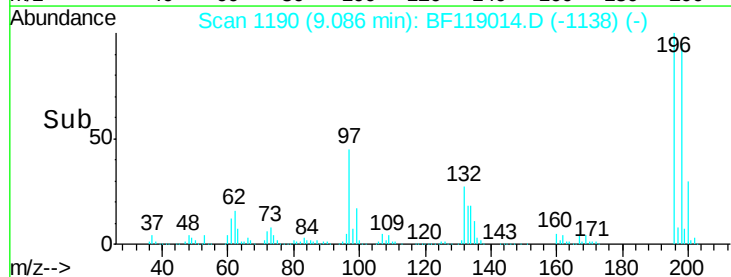
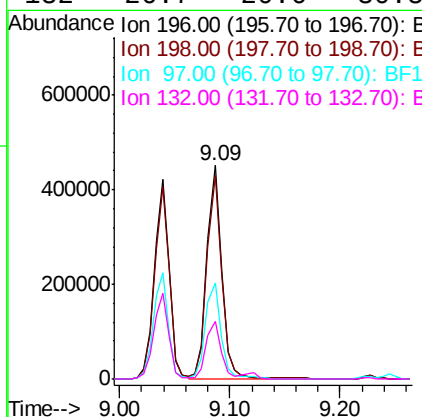
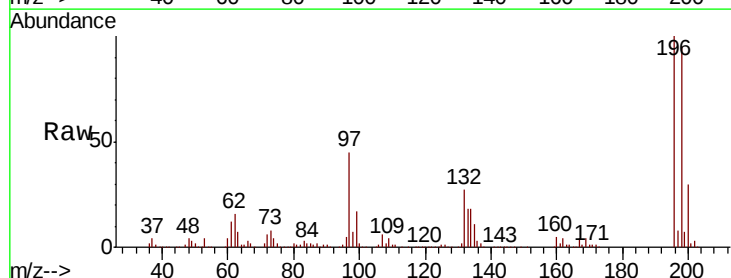
Instrument :
 BNA_F
 ClientSampled :

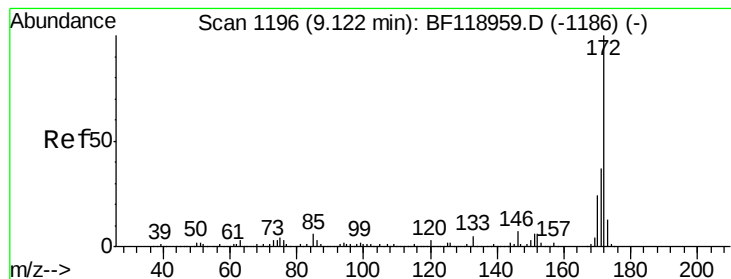
Tot Ion	196	Resp	398325
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.8	113.6
200	30.7	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.807 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Tgt Ion	196	Resp	408719
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.4	117.6
97	45.2	33.4	50.0
132	26.7	20.6	30.8



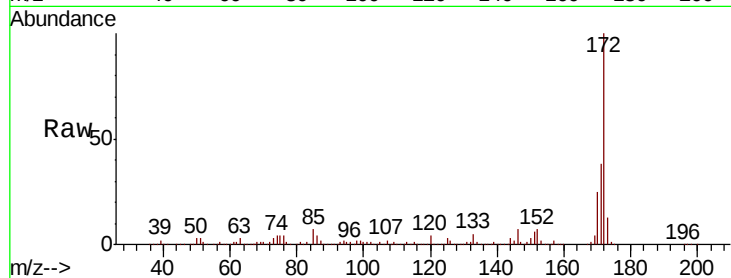


#45
 2-Fluorobiphenyl
 Concen: 77.758 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

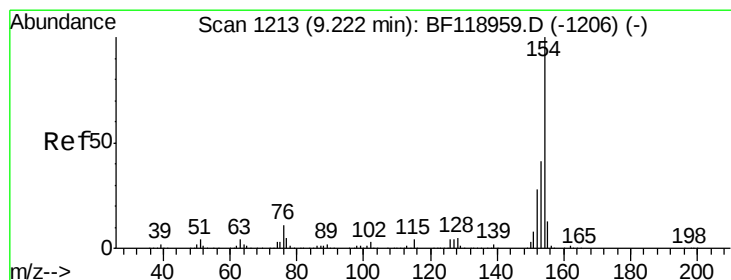
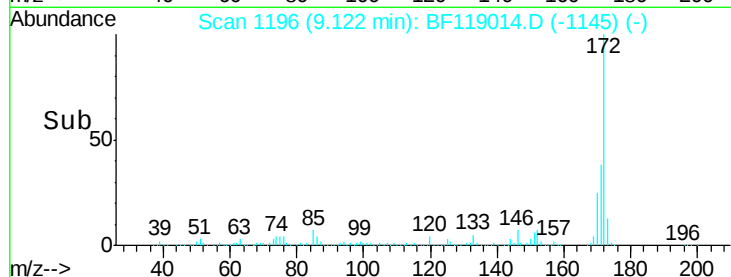
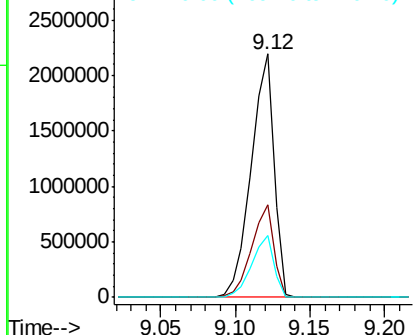
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2309644

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	25.3	19.6	29.4



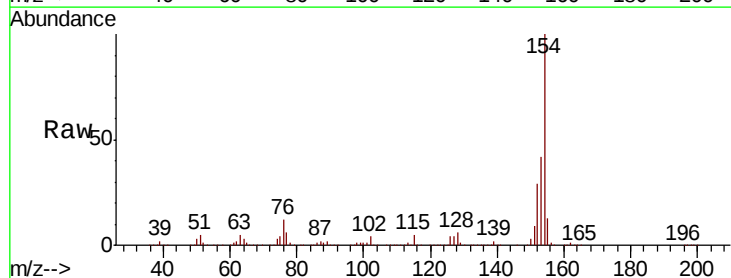
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



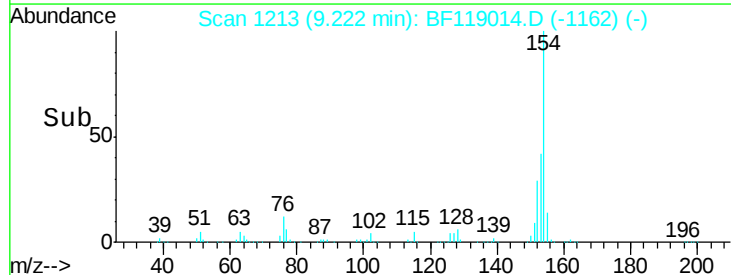
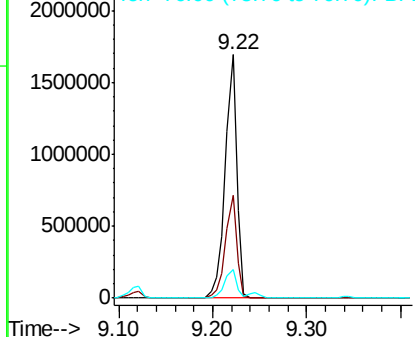
#46
 1,1'-Biphenyl
 Concen: 41.161 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

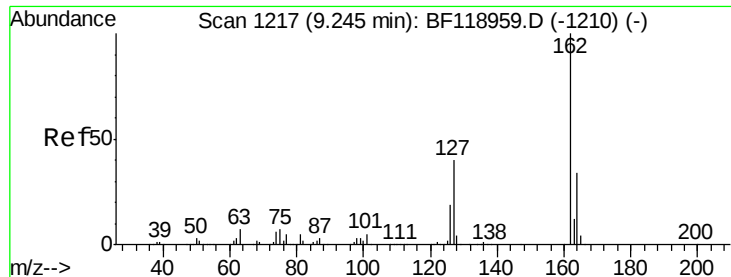
Tgt Ion:154 Resp: 1455660

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.2	61.2
76	11.9	0.0	31.1



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

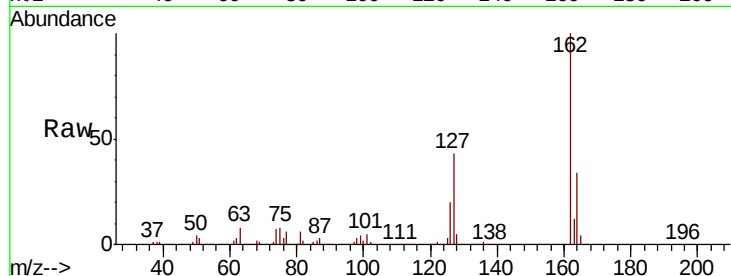




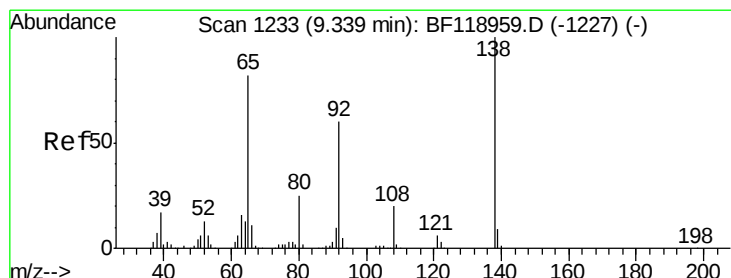
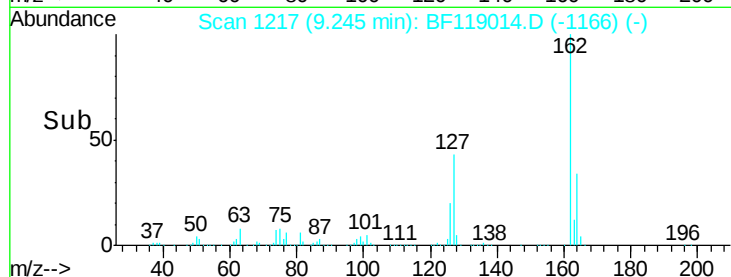
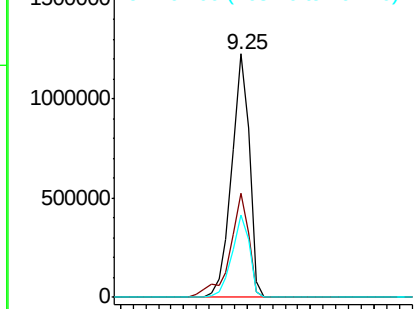
#47
2-Chloronaphthalene
Concen: 41.184 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1173704
Ion Ratio Lower Upper
162 100
127 42.7 31.9 47.9
164 33.6 26.8 40.2

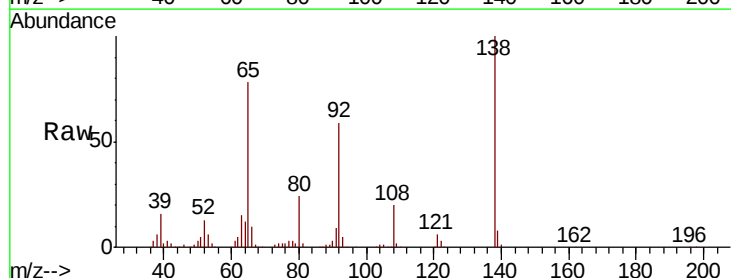


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

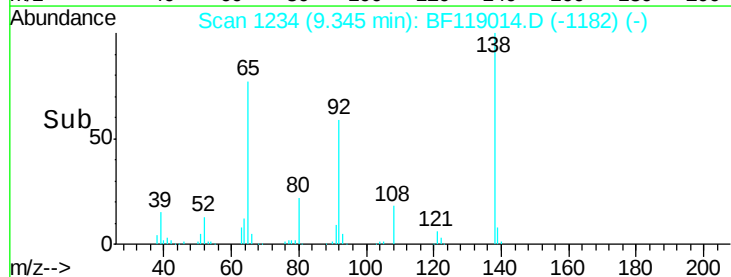
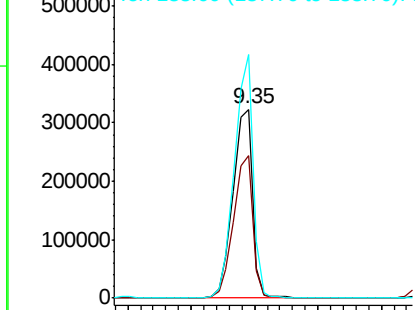


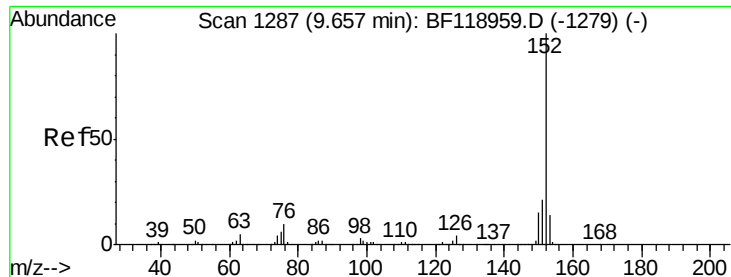
#48
2-Nitroaniline
Concen: 43.408 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion: 65 Resp: 345045
Ion Ratio Lower Upper
65 100
92 75.3 58.6 87.8
138 128.7 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: 41.134 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

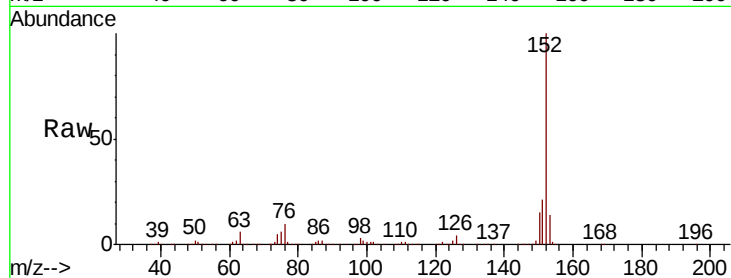
Tot Ion:152 Resp: 1693127

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

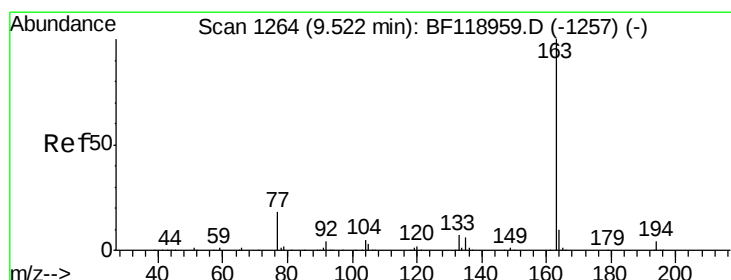
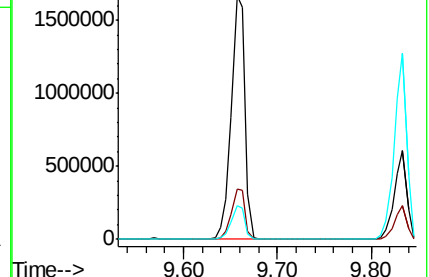
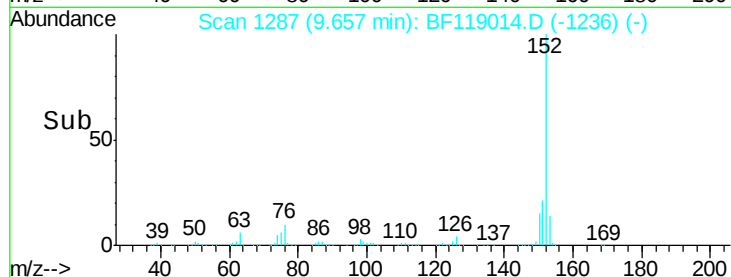
153 13.8 10.9 16.3



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: 43.374 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

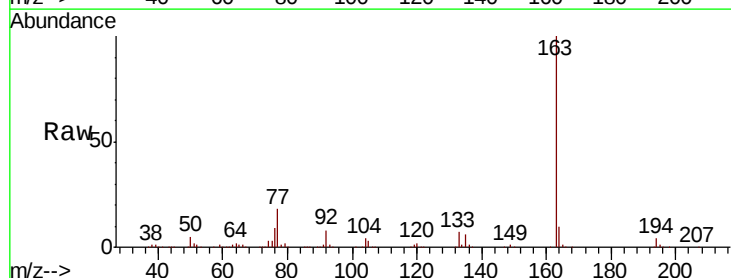
Tgt Ion:163 Resp: 1451301

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

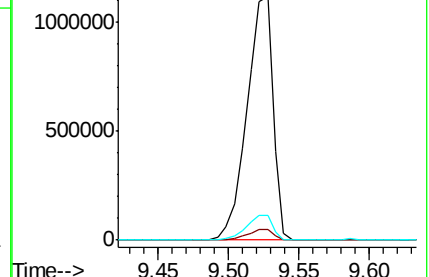
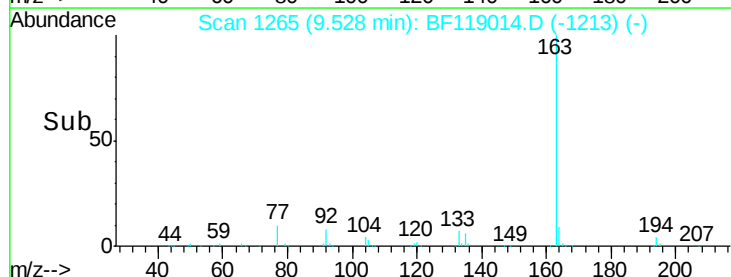
164 10.0 8.2 12.2

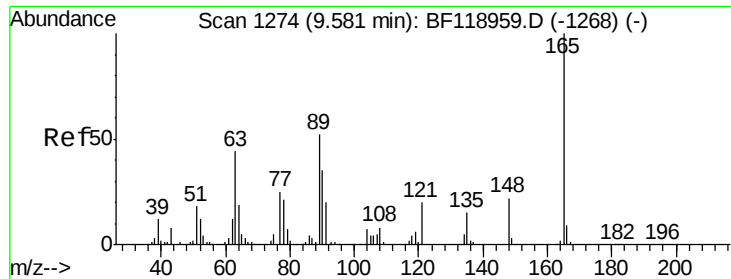


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

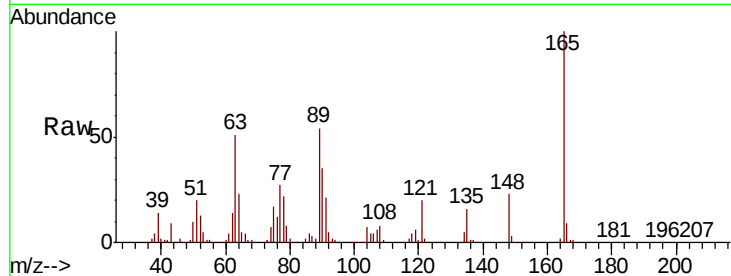




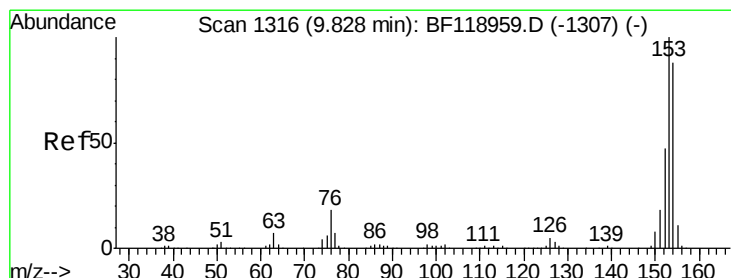
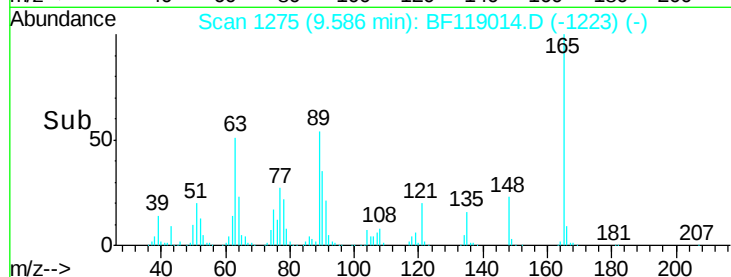
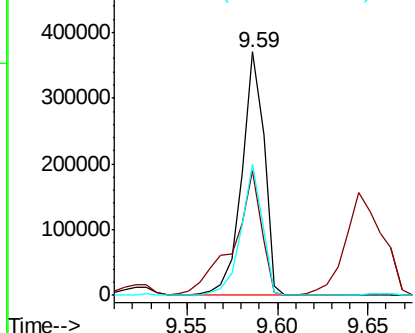
#51
2,6-Dinitrotoluene
Concen: 42.699 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	37.9	56.9
89	53.7	41.4	62.0

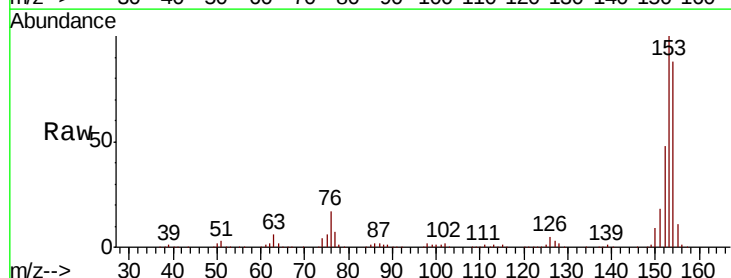


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

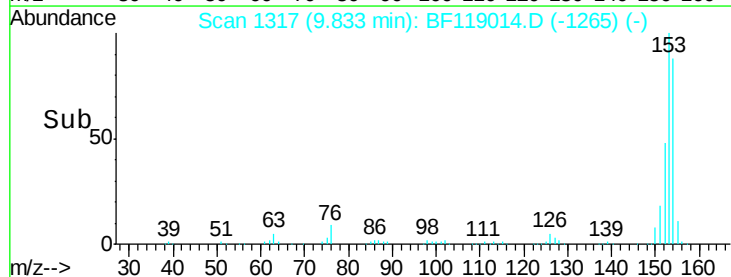
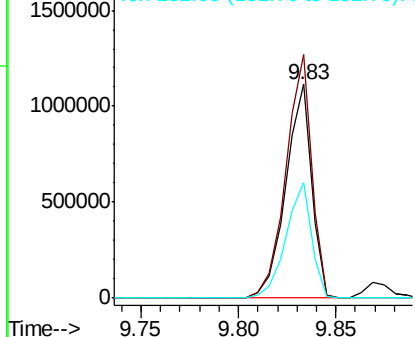


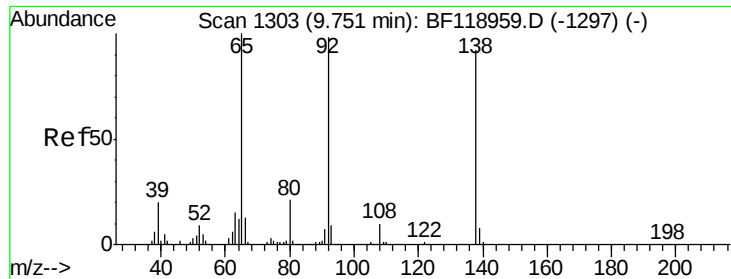
#52
Acenaphthene
Concen: 41.235 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.4	135.6
152	54.2	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

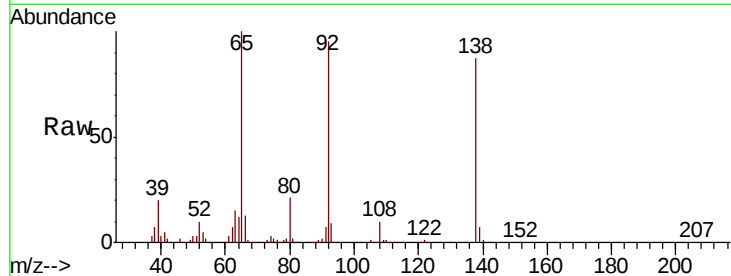




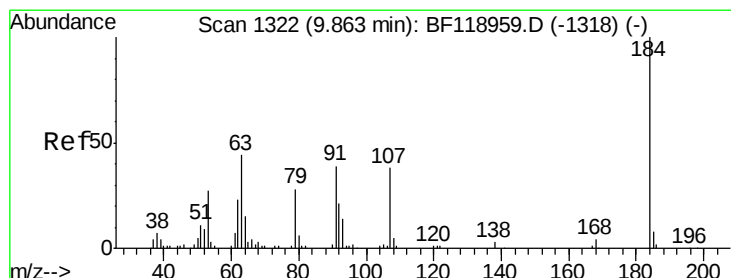
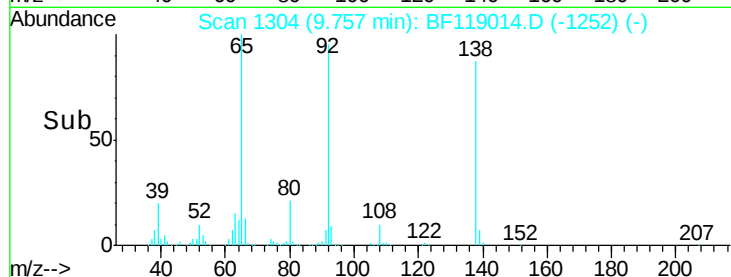
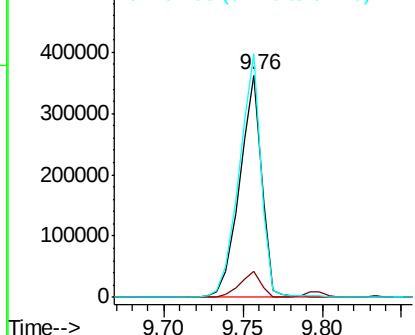
#53
3-Nitroaniline
Concen: 42.398 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 349422
Ion Ratio Lower Upper
138 100
108 11.5 8.6 13.0
92 109.5 84.6 127.0

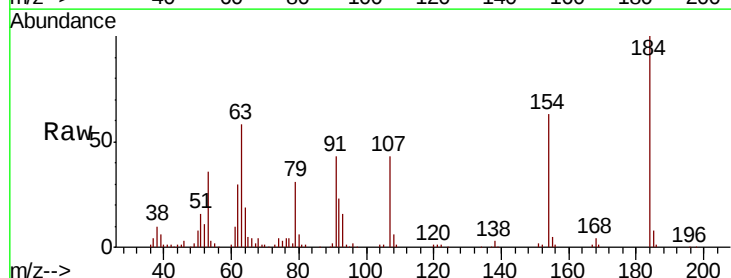


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

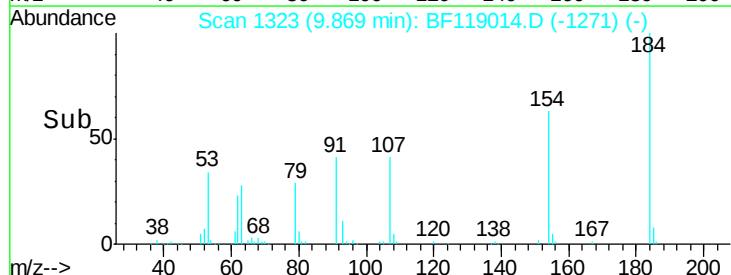
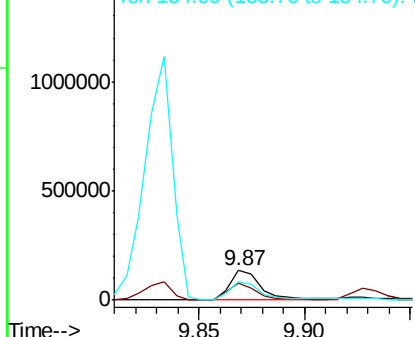


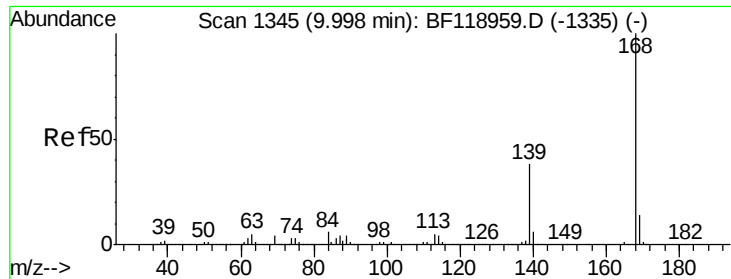
#54
2,4-Dinitrophenol
Concen: 43.671 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:184 Resp: 144259
Ion Ratio Lower Upper
184 100
63 58.3 37.8 56.6#
154 62.9 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

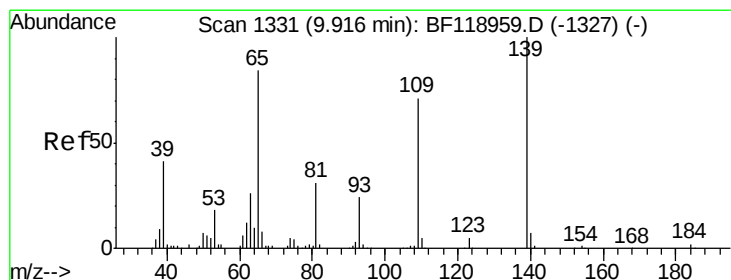
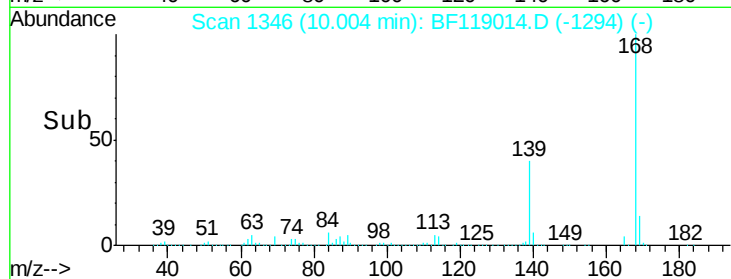
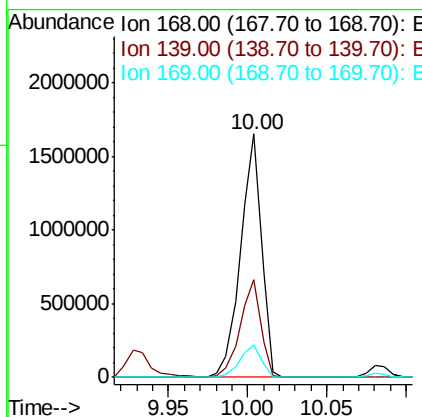
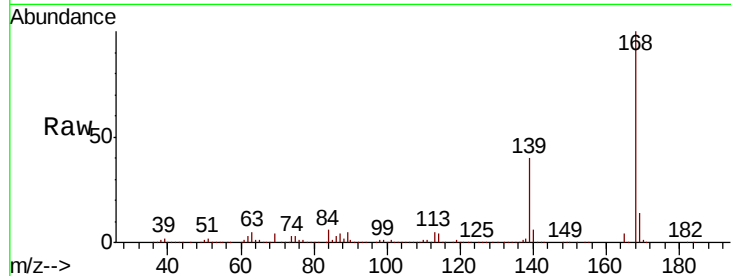




#55
Dibenzenofuran
Concen: 40.784 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

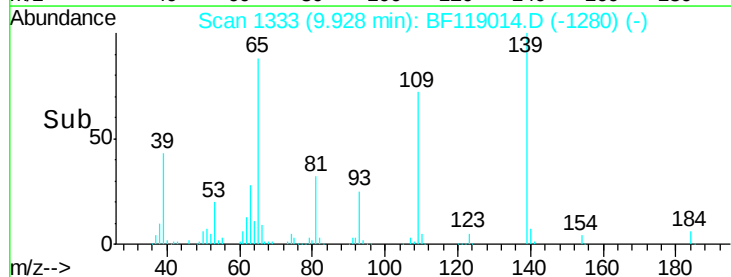
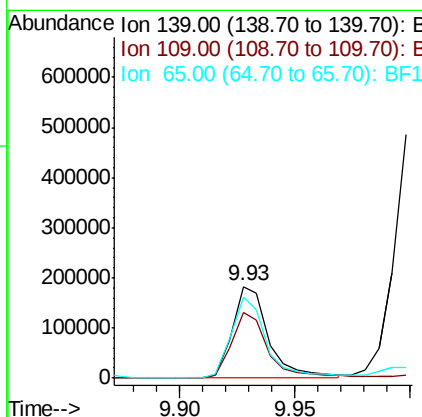
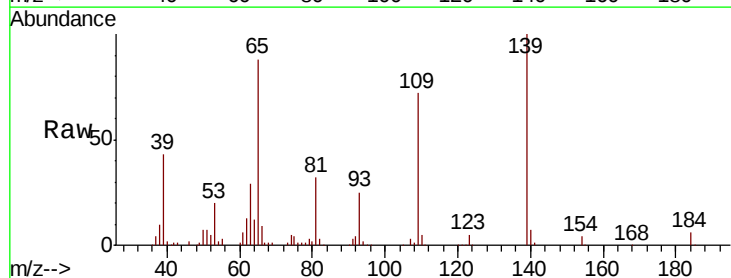
Instrument :
BNA_F
ClientSampleId :

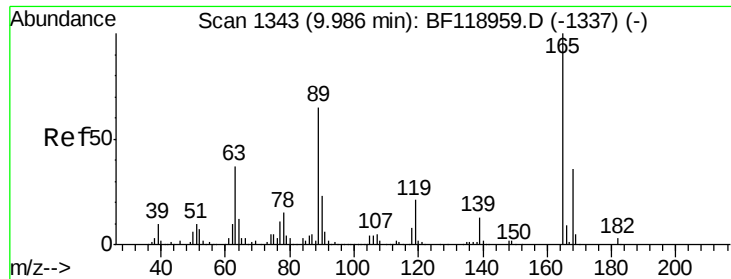
Tot Ion:168 Resp: 1510839
Ion Ratio Lower Upper
168 100
139 40.3 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 40.419 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:139 Resp: 200141
Ion Ratio Lower Upper
139 100
109 72.3 51.1 91.1
65 88.4 64.7 104.7

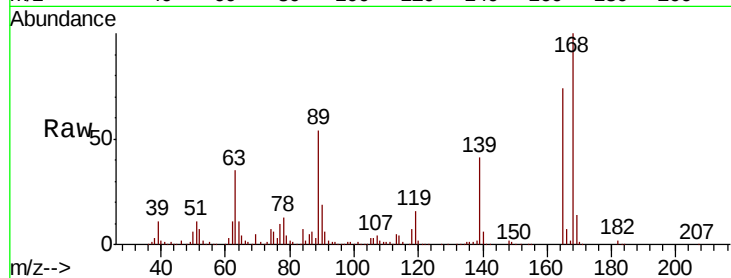




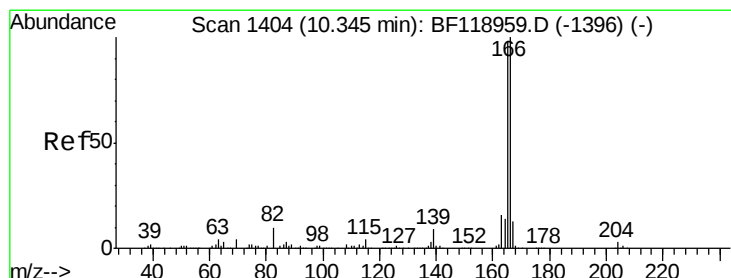
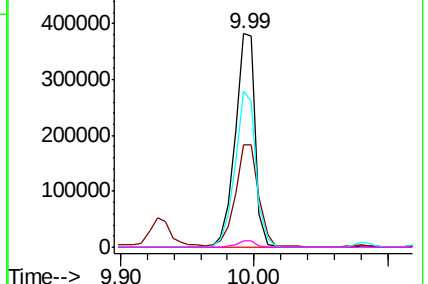
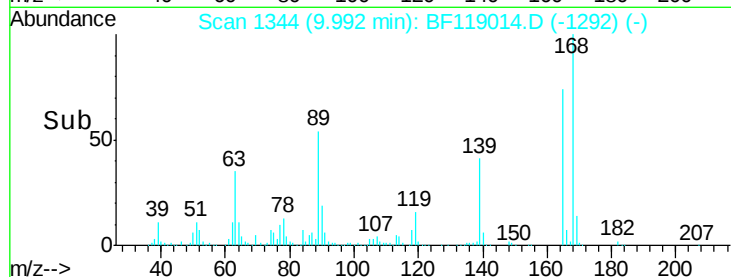
#57
 2,4-Dinitrotoluene
 Concen: 41.631 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 401144
 Ion Ratio Lower Upper
 165 100
 63 47.8 29.8 44.8#
 89 73.1 51.9 77.9
 182 3.2 2.3 3.5

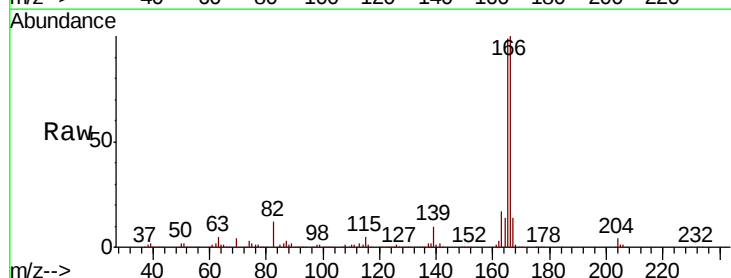


Abundance Ion 165.00 (164.70 to 165.70): E
 600000 Ion 63.00 (62.70 to 63.70): BF1
 500000 Ion 89.00 (88.70 to 89.70): BF1
 400000 Ion 182.00 (181.70 to 182.70): E

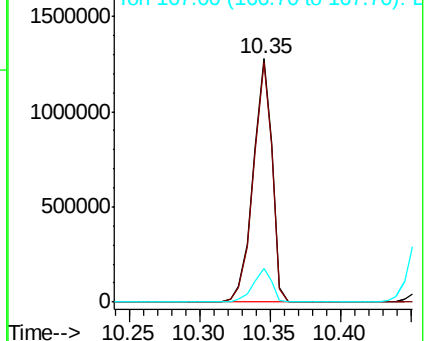
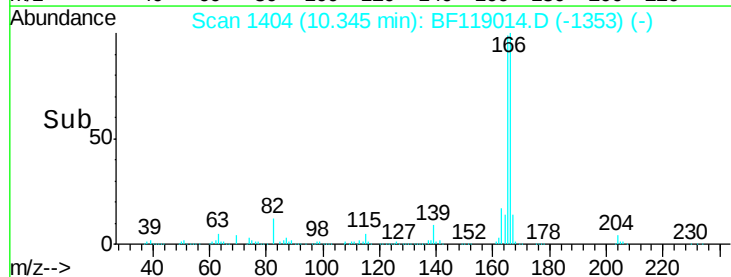


#58
 Fluorene
 Concen: 41.737 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Tgt Ion:166 Resp: 1201441
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.4
 167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 1500000 Ion 165.00 (164.70 to 165.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E

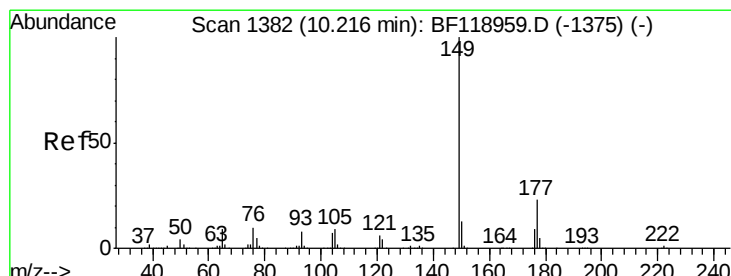
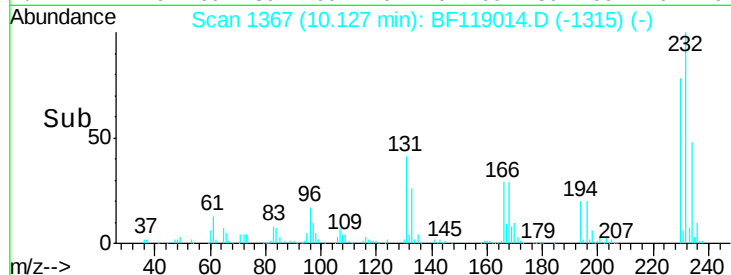
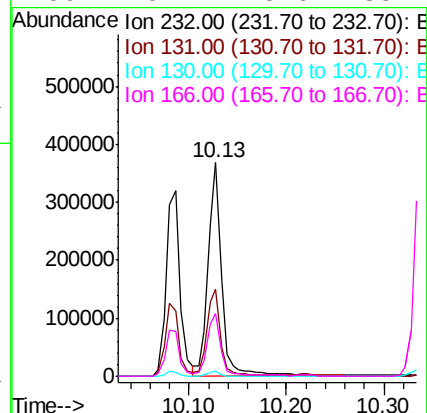
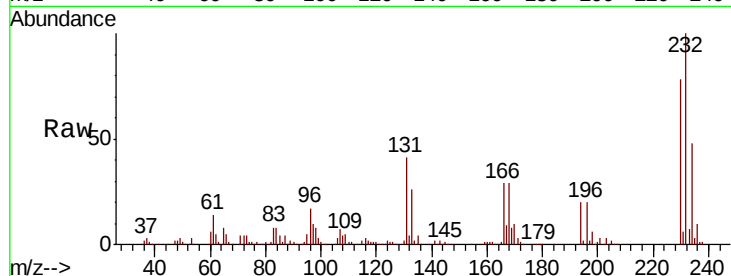




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.572 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

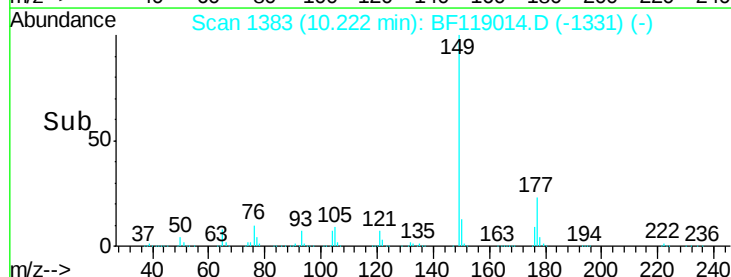
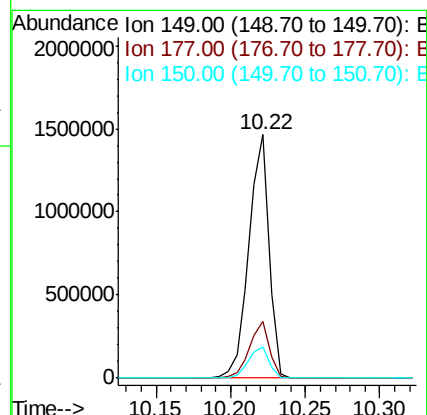
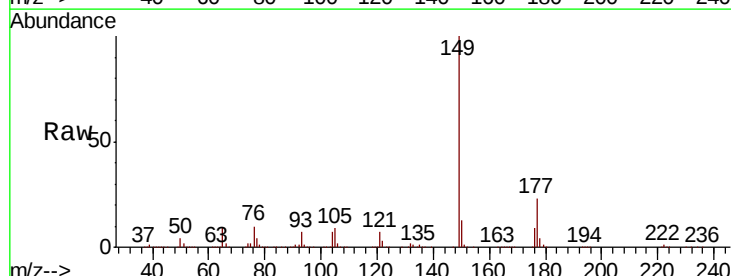
Instrument :
BNA_F
ClientSampleId :

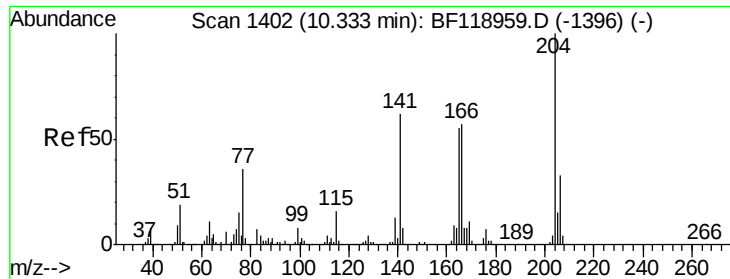
Tot Ion:232 Resp: 351192
Ion Ratio Lower Upper
232 100
131 40.3 34.0 51.0
130 2.1 1.6 2.4
166 29.2 23.6 35.4



#60
Diethylphthalate
Concen: 43.362 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:149 Resp: 1367306
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.9 10.4 15.6

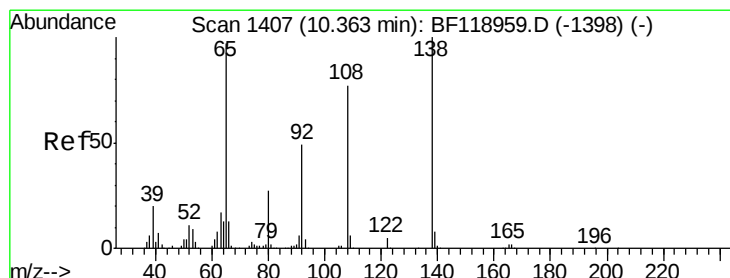
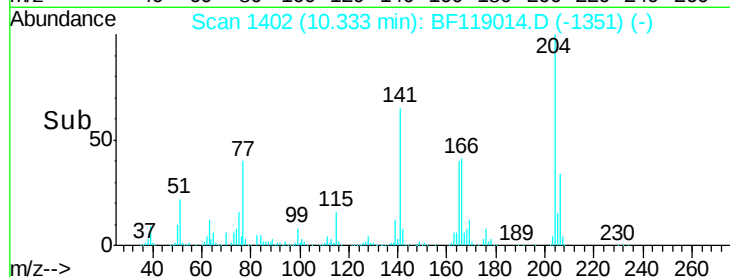
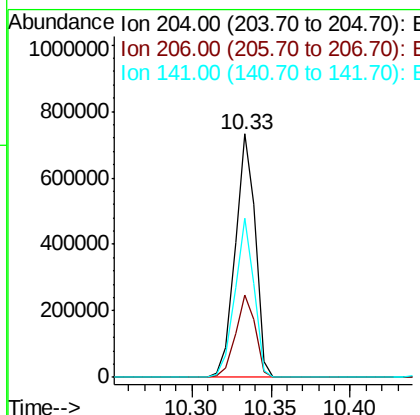
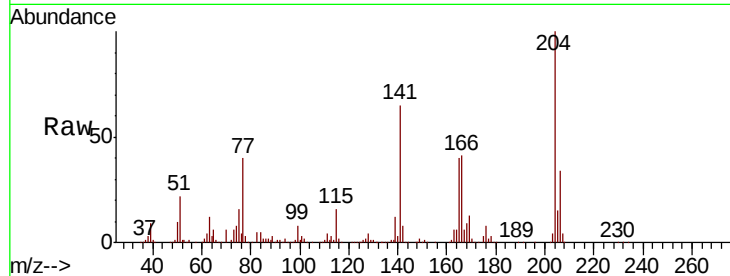




#61
4-Chlorophenyl-phenylether
Concen: 42.109 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

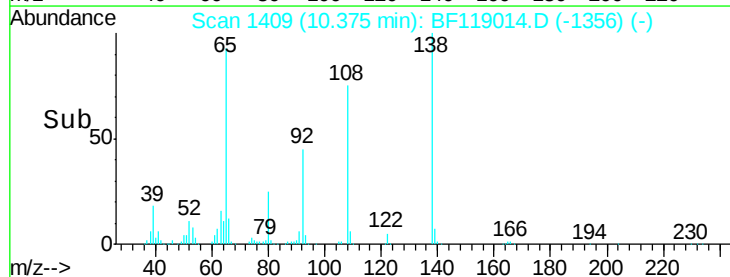
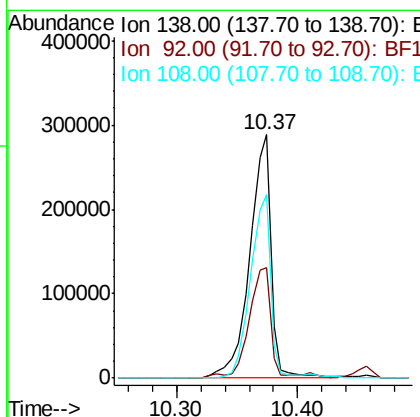
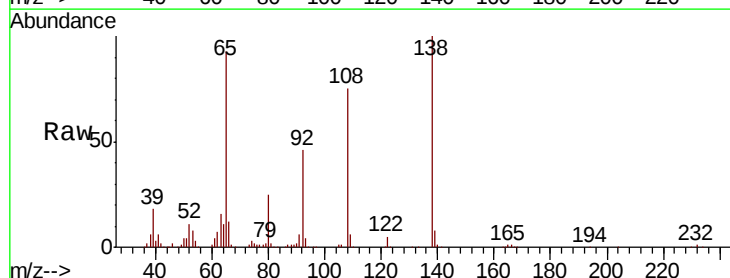
Instrument :
BNA_F
ClientSampled :

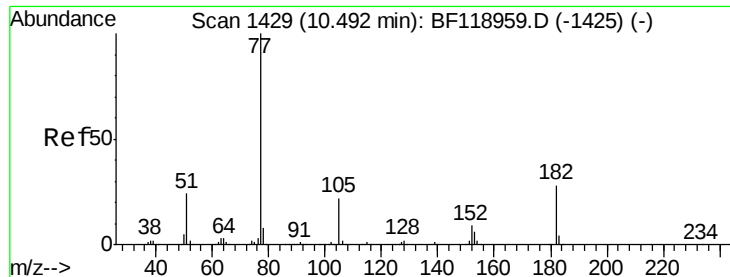
Tot Ion:204 Resp: 641624
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 65.5 49.5 74.3



#62
4-Nitroaniline
Concen: 42.596 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:138 Resp: 359167
Ion Ratio Lower Upper
138 100
92 45.5 28.7 68.7
108 75.4 56.8 96.8

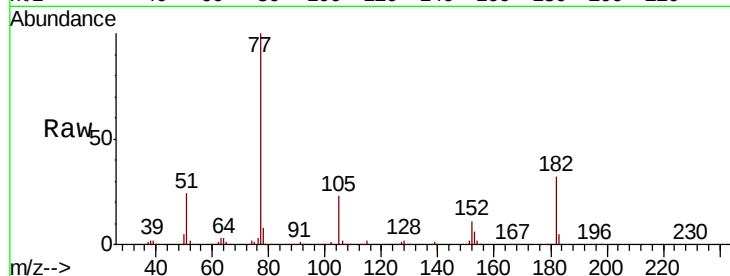




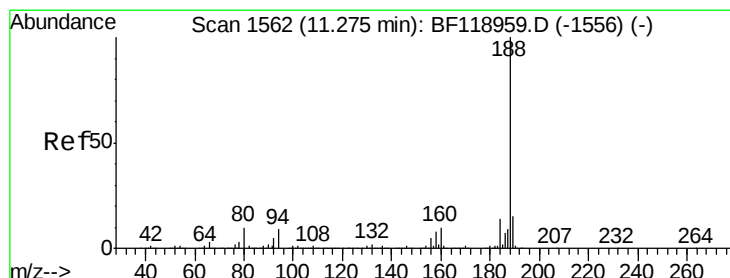
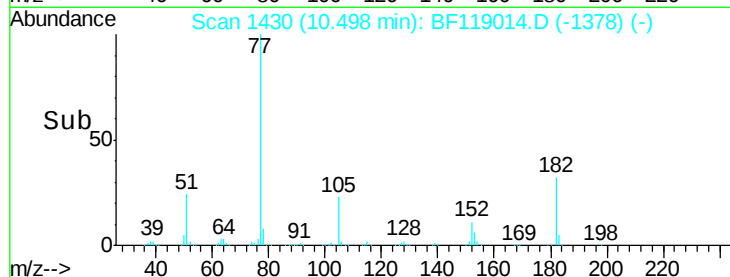
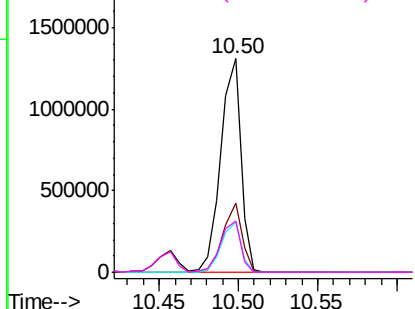
#63
Azobenzene
Concen: 42.395 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1161981
Ion Ratio Lower Upper
77 100
182 32.1 8.2 48.2
105 23.1 2.3 42.3
51 24.2 3.6 43.6

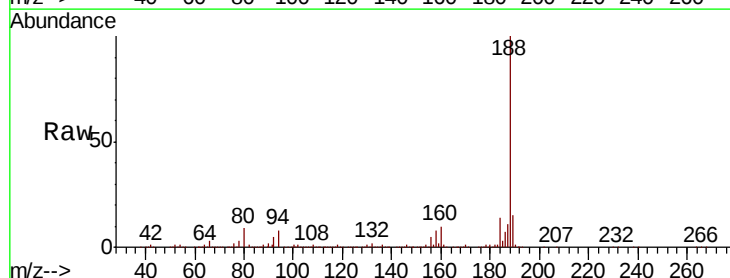


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

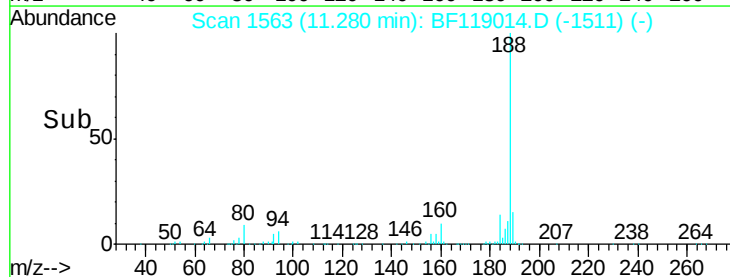
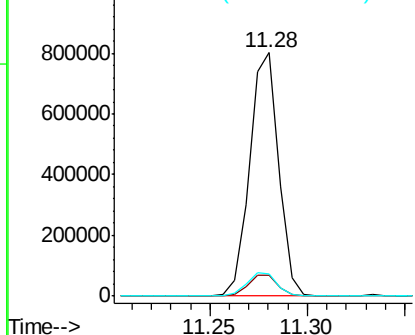


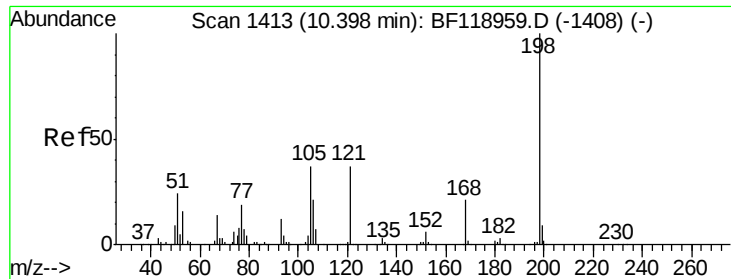
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion: 188 Resp: 823071
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

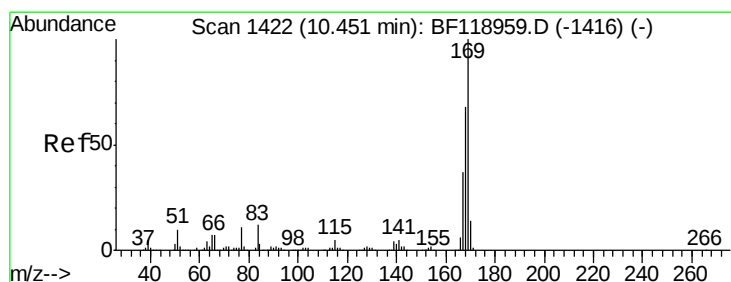
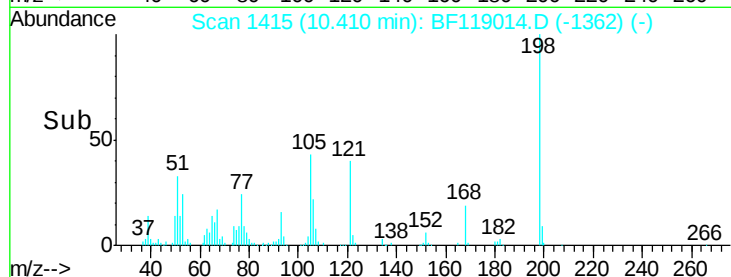
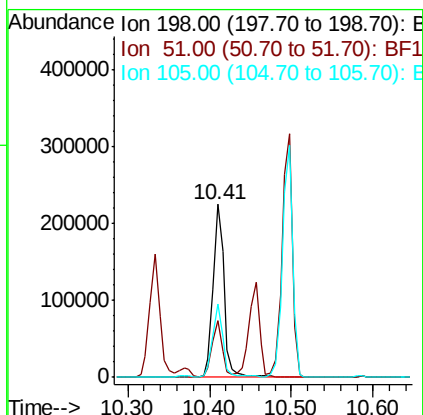
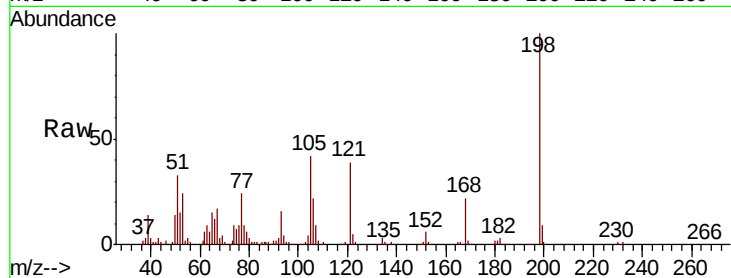




#65
4,6-Dinitro-2-methylphenol
Concen: 42.962 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

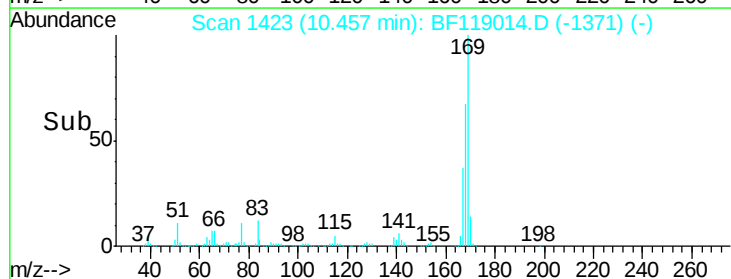
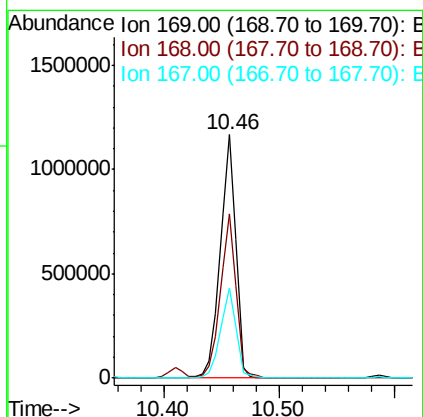
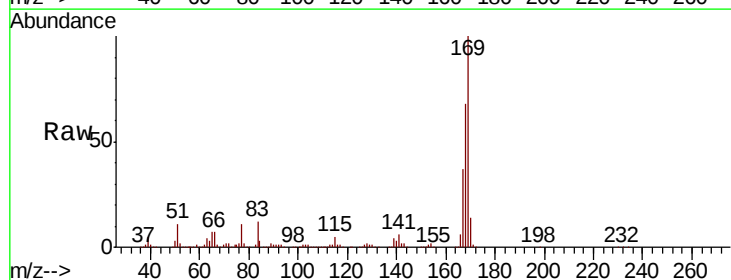
Instrument :
BNA_F
ClientSampleId :

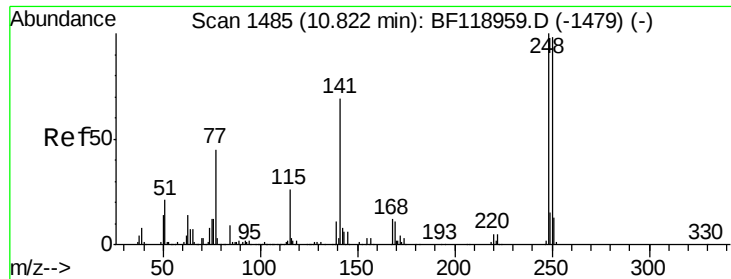
Tot Ion:198 Resp: 213975
Ion Ratio Lower Upper
198 100
51 32.8 7.1 47.1
105 42.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 40.650 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:169 Resp: 1095539
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.7 29.4 44.2

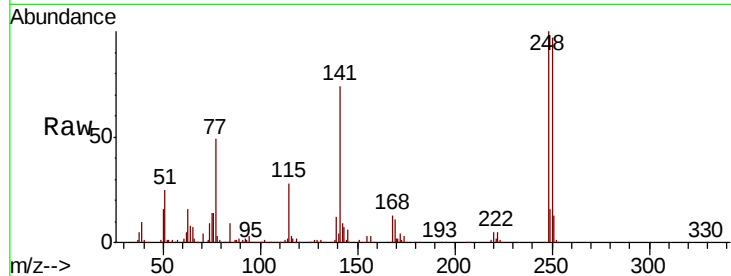




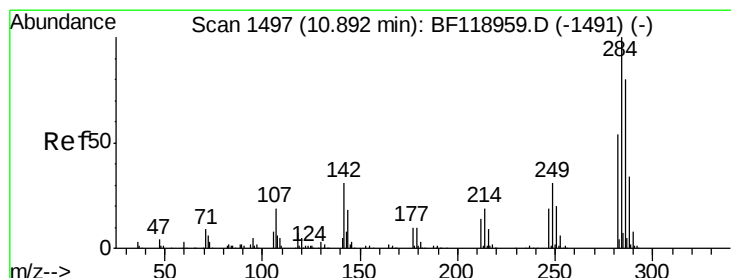
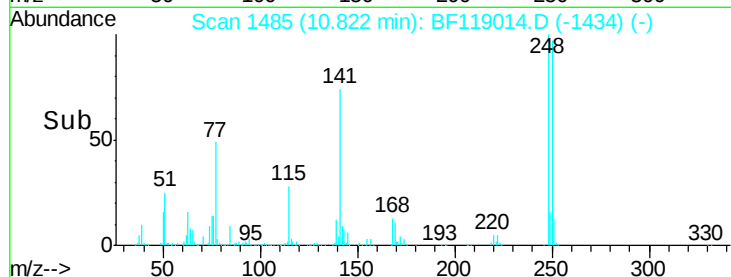
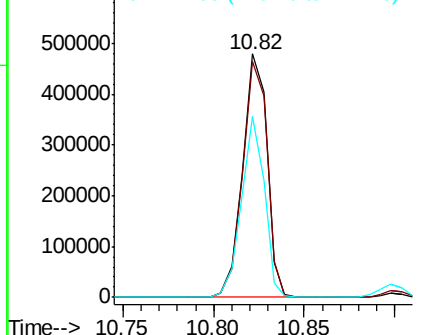
#67
4-Bromophenyl-phenylether
Concen: 41.861 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 450370
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 74.0 55.3 82.9

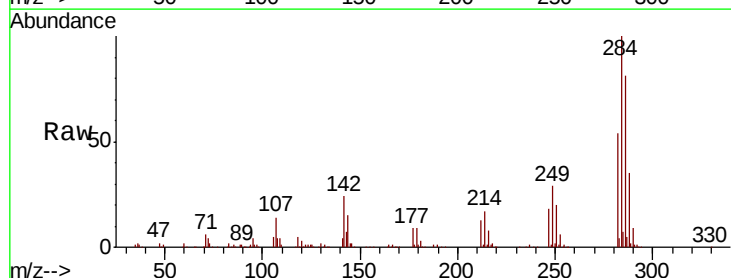


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

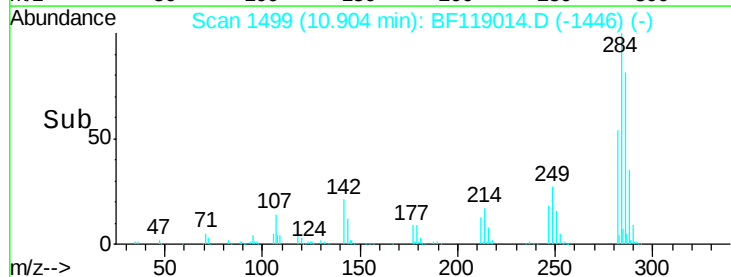
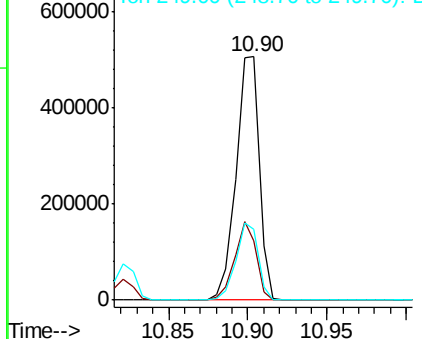


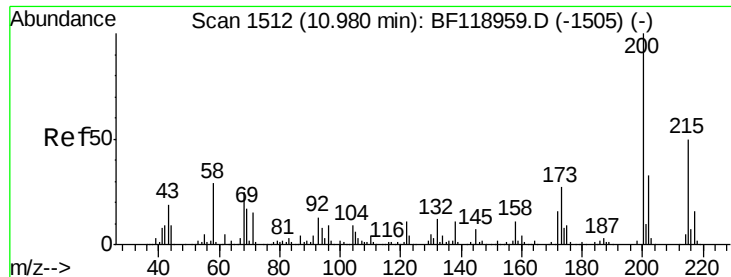
#68
Hexachlorobenzene
Concen: 41.511 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:284 Resp: 514905
Ion Ratio Lower Upper
284 100
142 24.2 25.0 37.6#
249 29.0 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

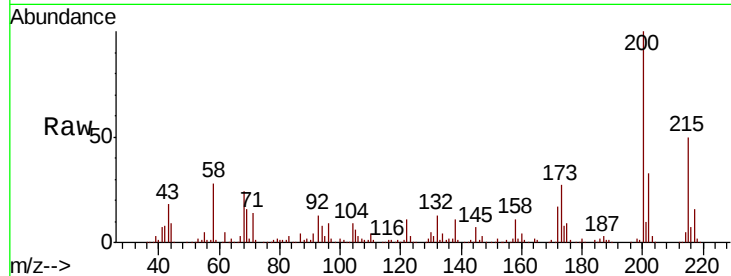




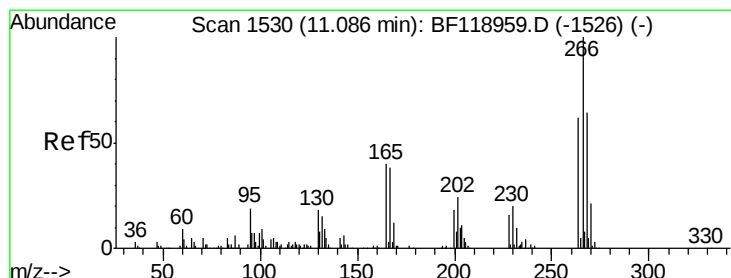
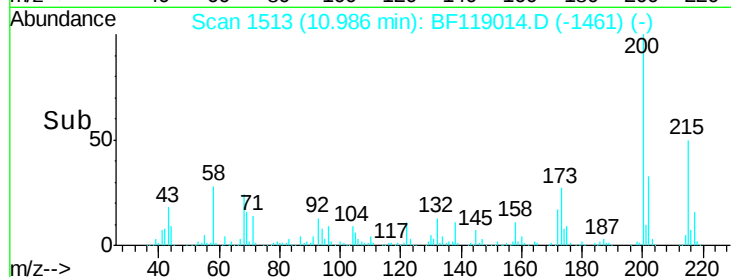
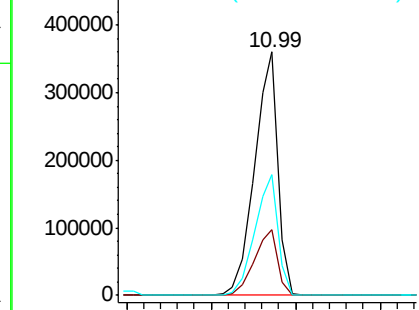
#69
Atrazine
Concen: 36.767 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	49.7	29.7	69.7

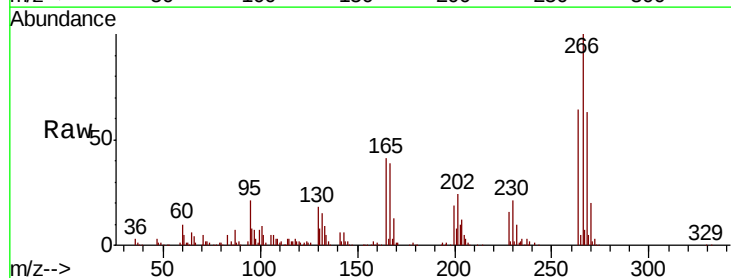


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

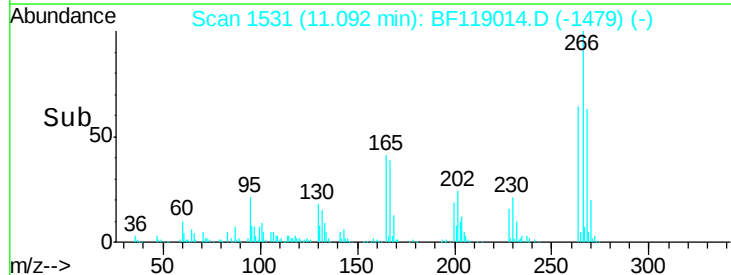
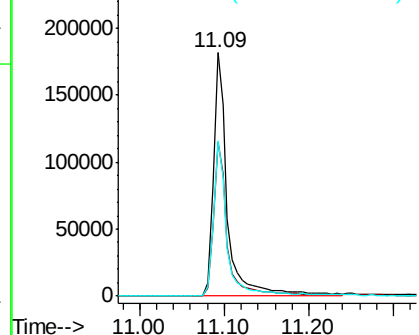


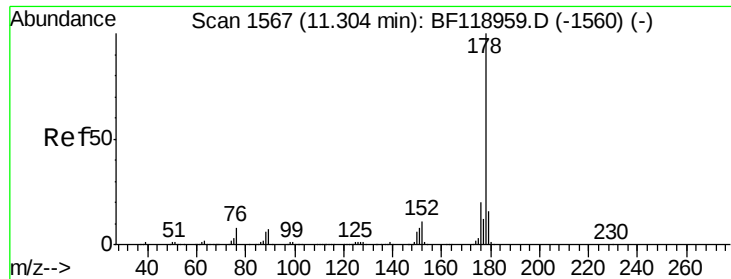
#70
Pentachlorophenol
Concen: 42.744 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.4	77.0
264	64.0	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: 40.475 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

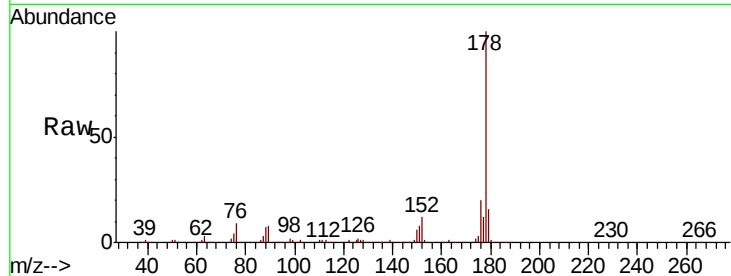
Tot Ion:178 Resp: 1816784

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

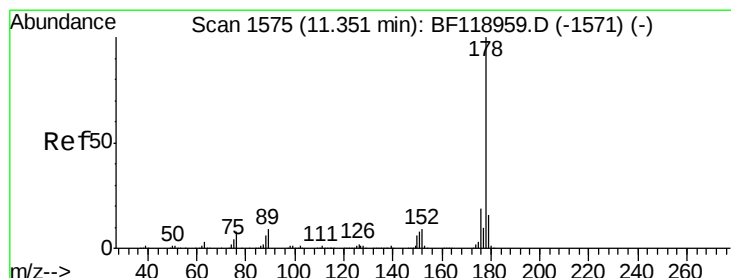
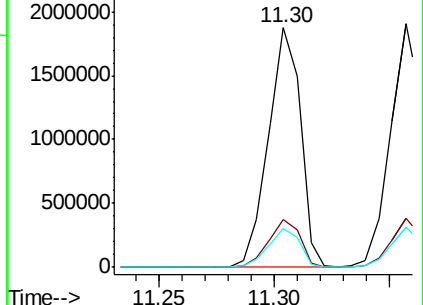
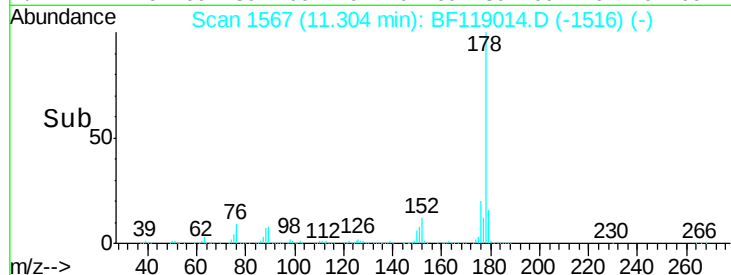
179 16.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.089 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

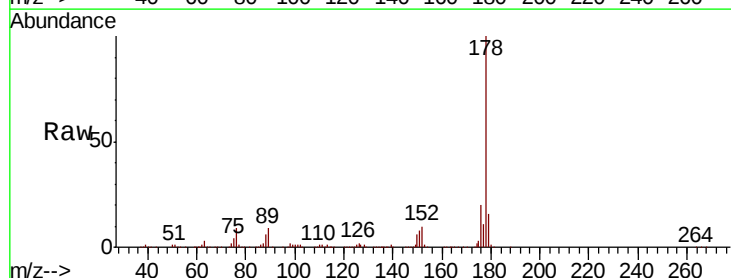
Tgt Ion:178 Resp: 1797928

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

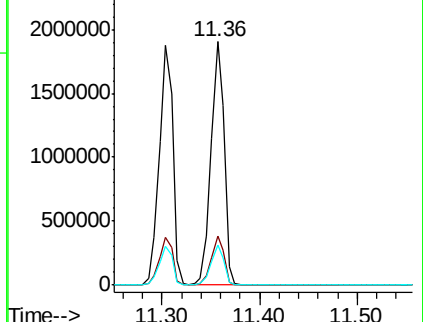
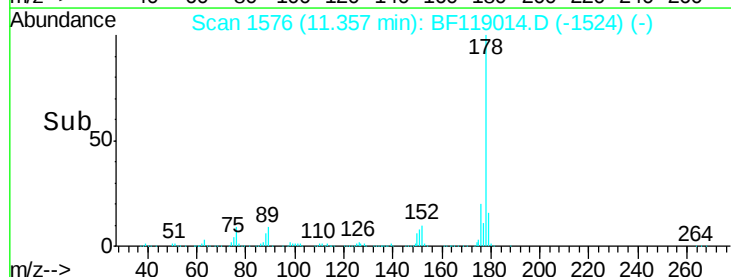
179 16.4 12.8 19.2

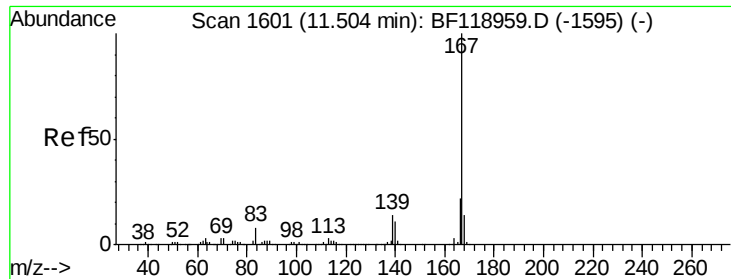


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.248 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

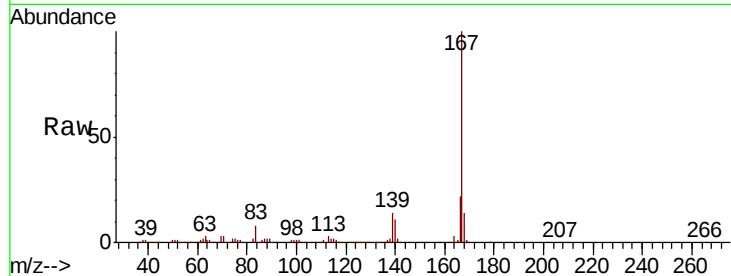
Tot Ion:167 Resp: 1648067

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

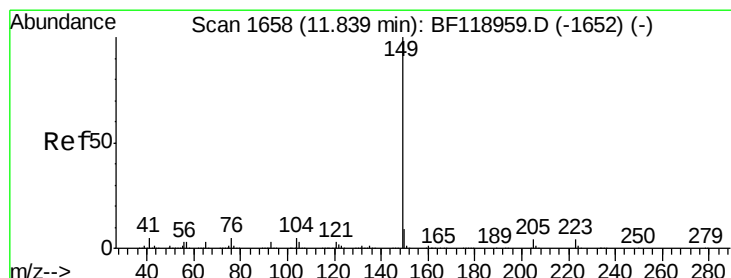
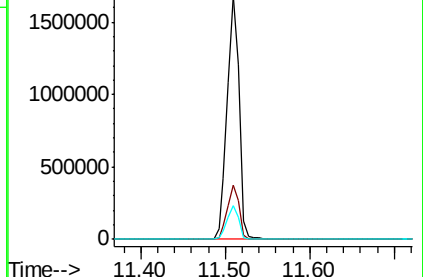
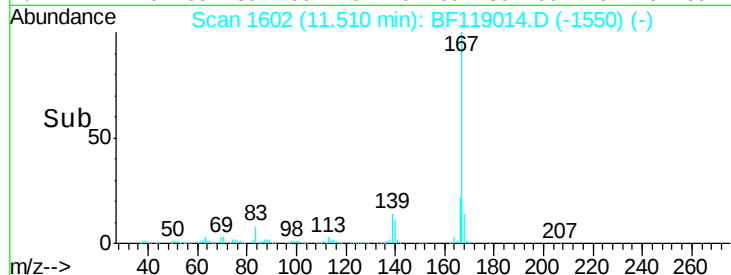
139 14.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.282 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

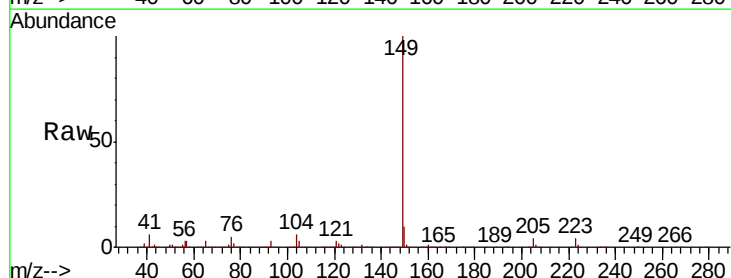
Tgt Ion:149 Resp: 2094221

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

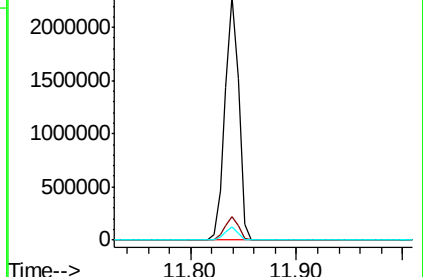
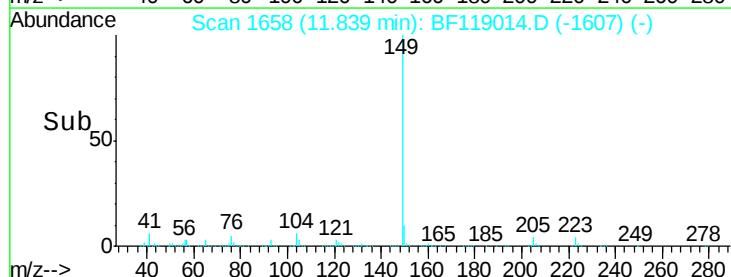
104 5.6 4.0 6.0

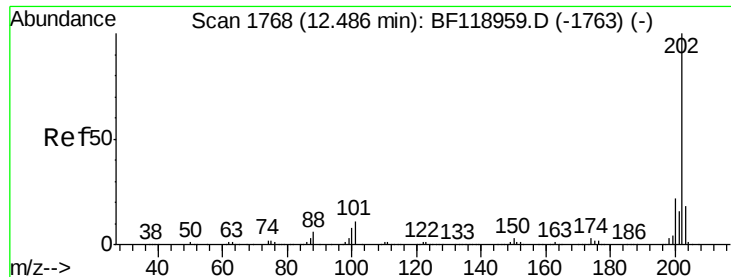


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

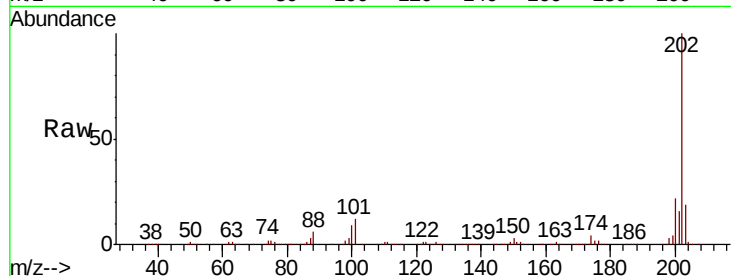




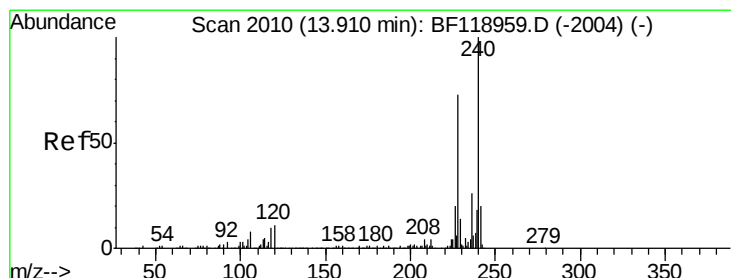
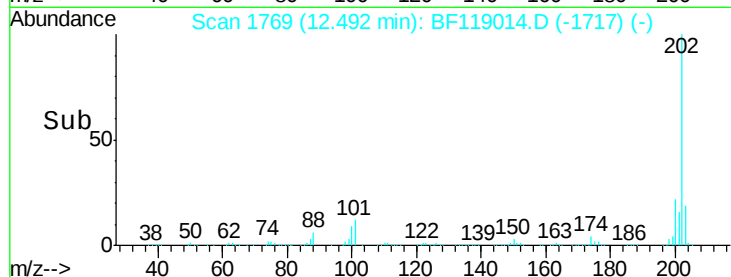
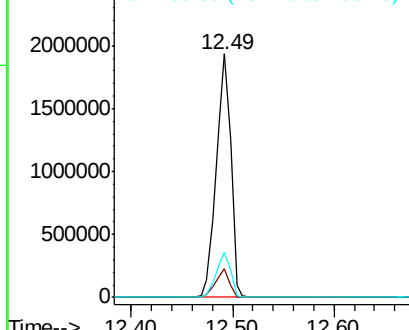
#75
 Fluoranthene
 Concen: 40.462 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1927827
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.1
 203 18.7 0.0 38.1

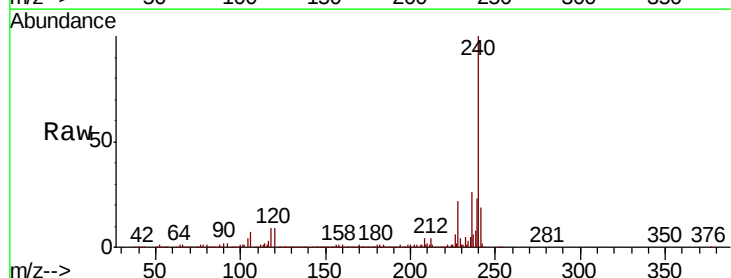


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

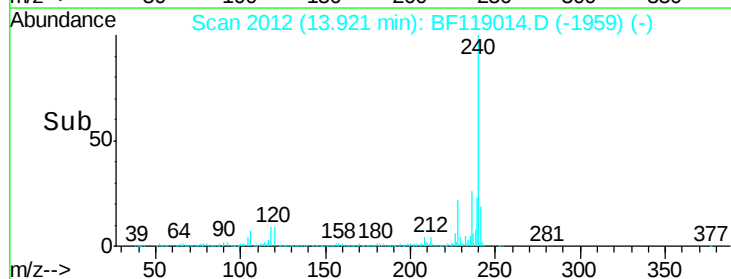
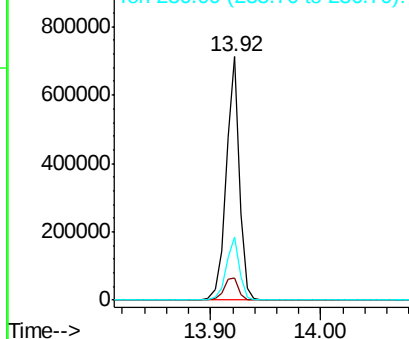


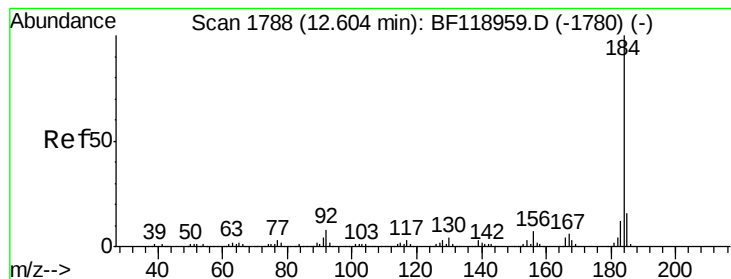
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119014.D
 Acq: 24 Feb 2020 10:17

Tgt Ion:240 Resp: 588885
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 26.0 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: 33.684 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampled :

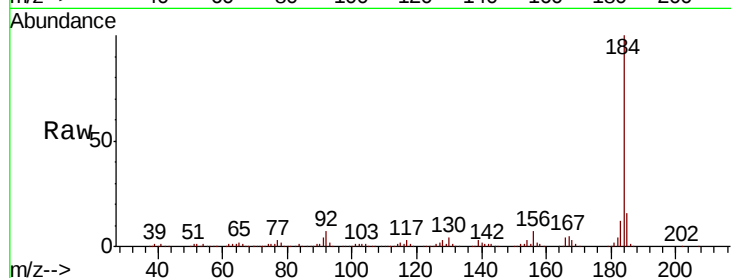
Tot Ion:184 Resp: 806722

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

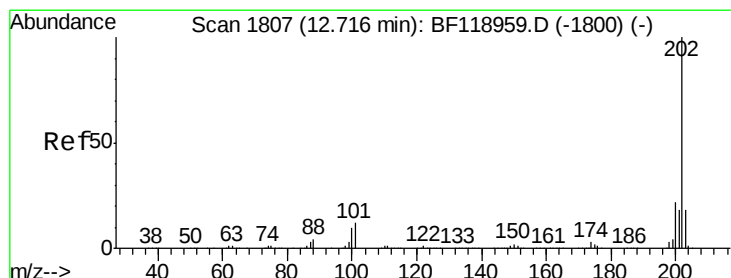
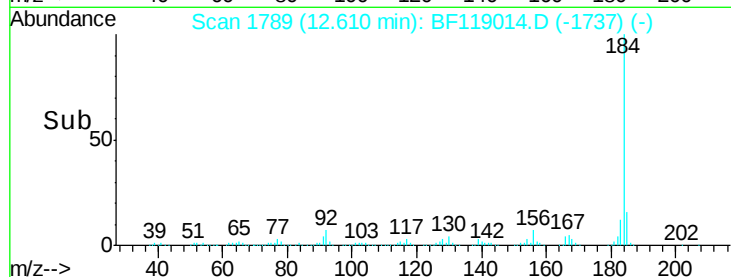
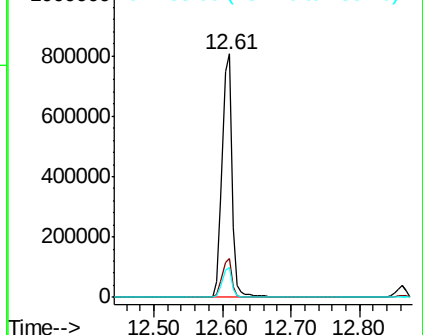
183 12.2 9.9 14.9



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: 41.019 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

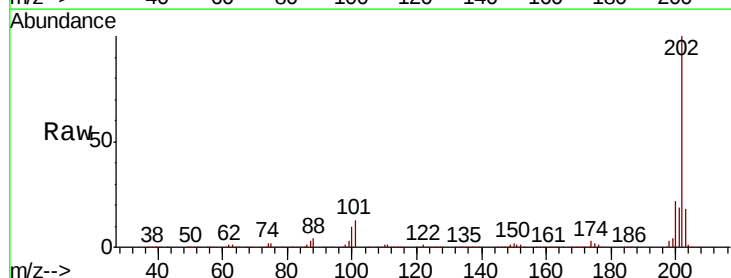
Tgt Ion:202 Resp: 1939665

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.0

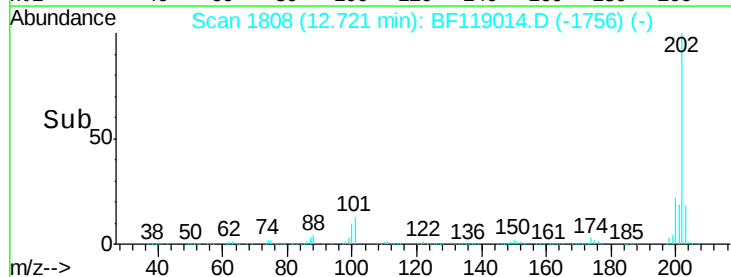
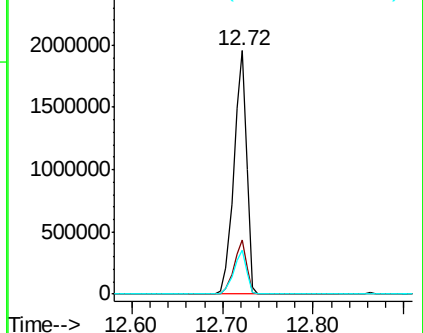
203 18.1 14.5 21.7

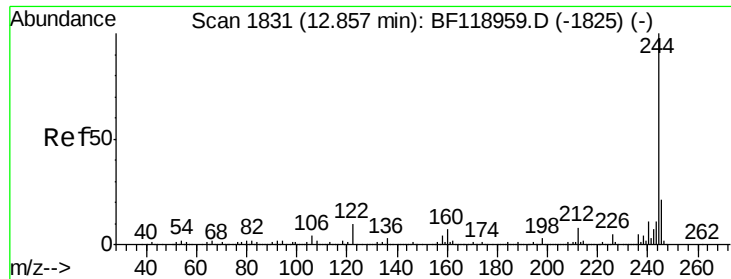


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.503 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

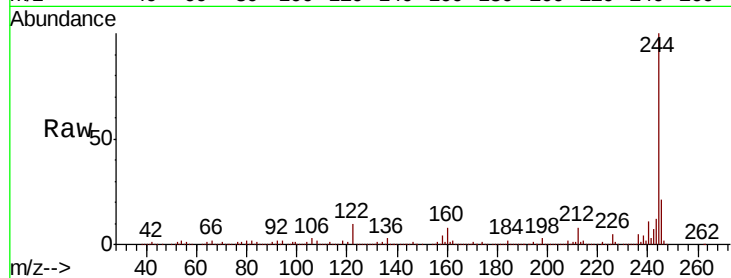
Tot Ion:244 Resp: 2821953

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

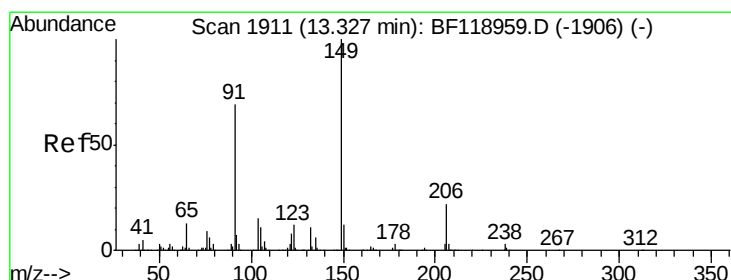
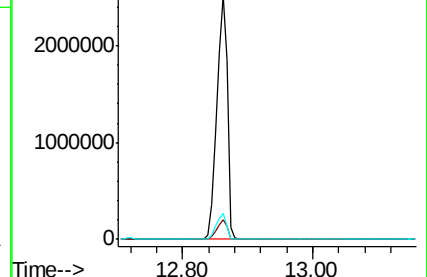
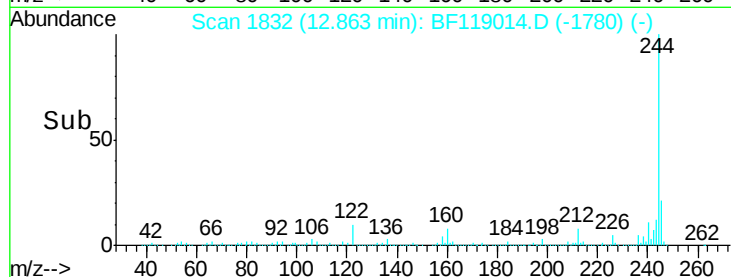
122 10.5 8.4 12.6



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: 45.292 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

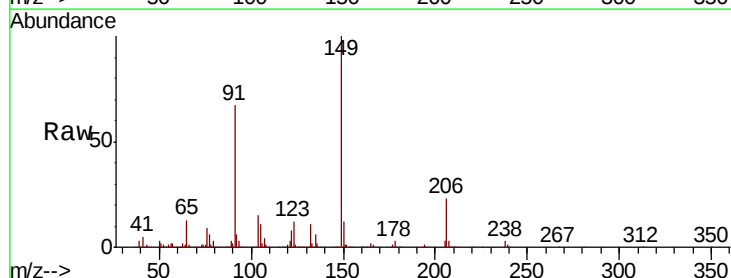
Tgt Ion:149 Resp: 901396

Ion Ratio Lower Upper

149 100

91 66.9 55.4 83.2

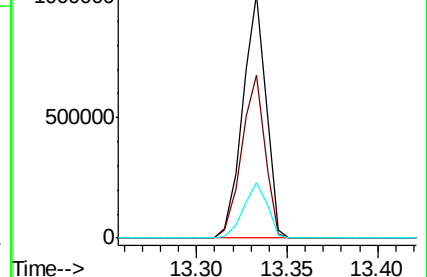
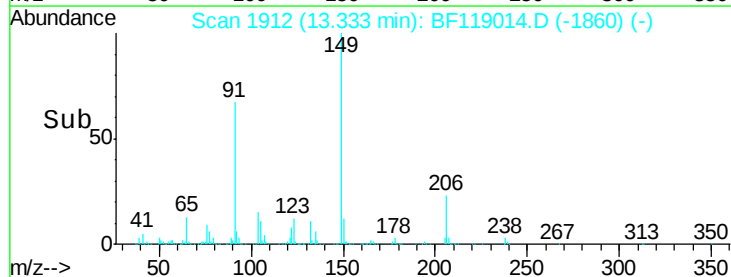
206 22.6 17.7 26.5

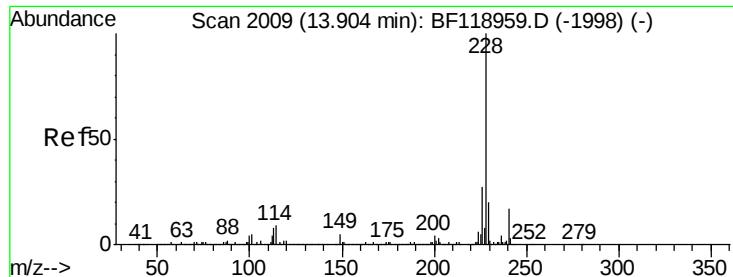


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

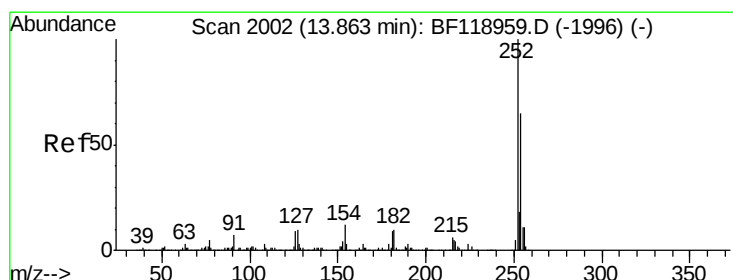
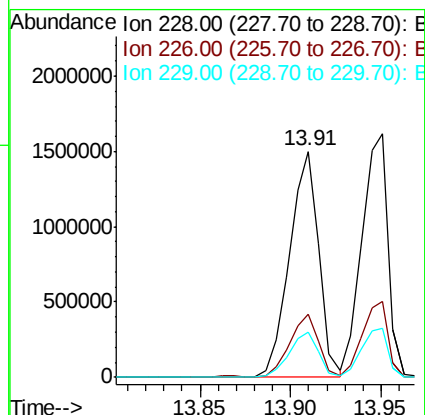
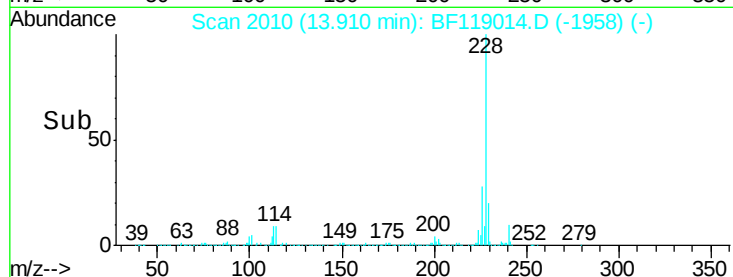
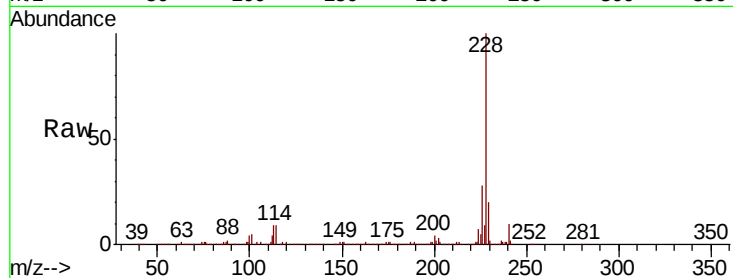




#81
Benzo(a)anthracene
Concen: 42.269 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

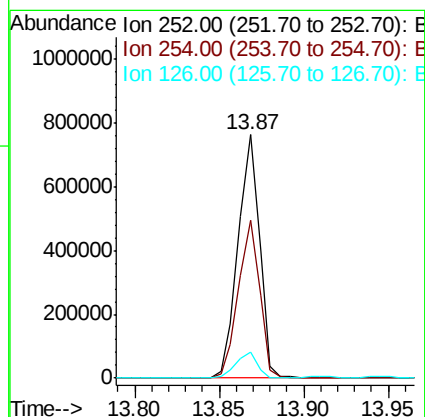
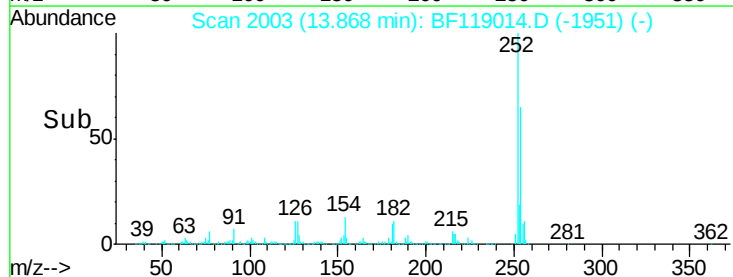
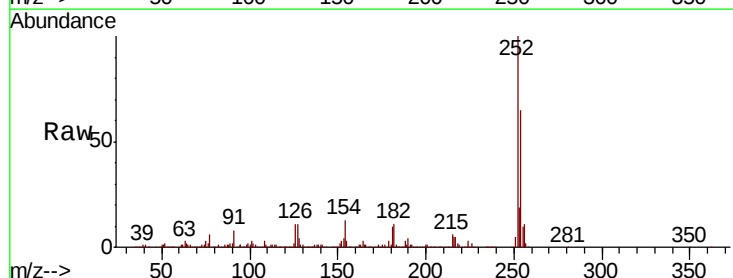
Instrument :
BNA_F
ClientSampleId :

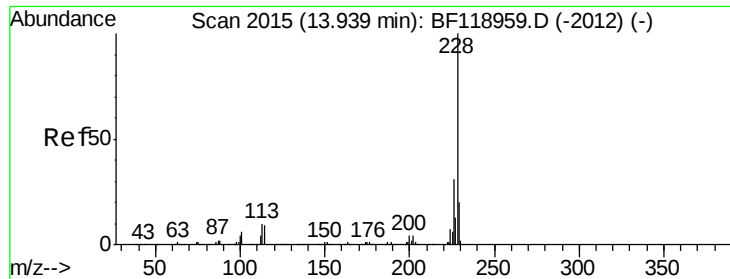
Tot Ion:228 Resp: 1696007
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.384 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:252 Resp: 675944
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 10.7 7.3 10.9





#83

Chrysene

Concen: 40.683 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

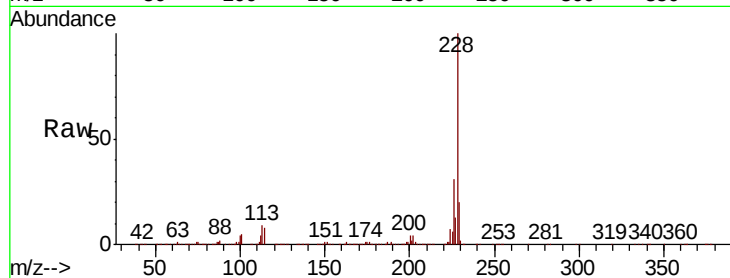
Tot Ion:228 Resp: 1626553

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

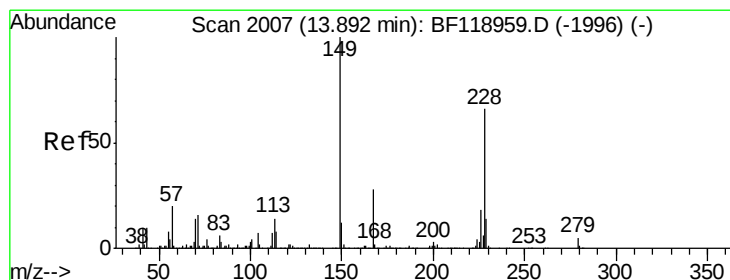
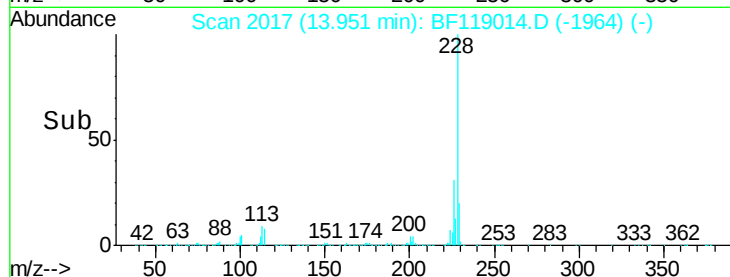
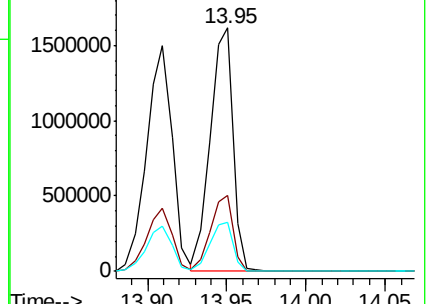
229 20.0 16.2 24.2



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: 47.646 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

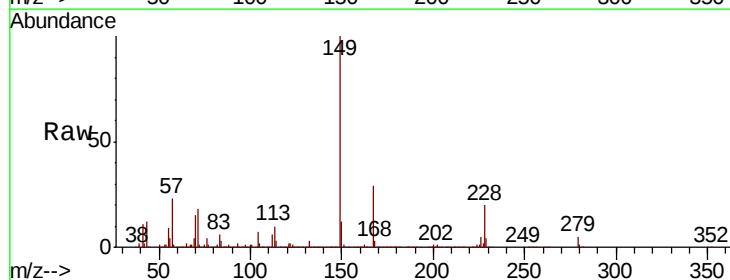
Tgt Ion:149 Resp: 1197950

Ion Ratio Lower Upper

149 100

167 28.6 22.3 33.5

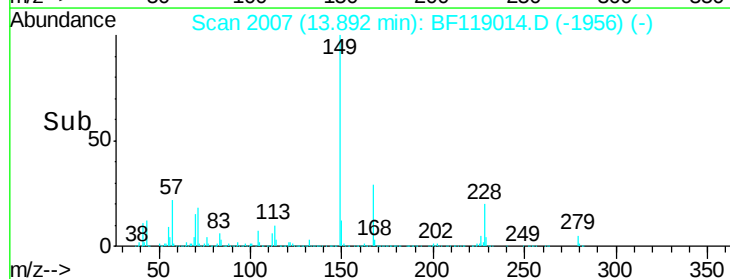
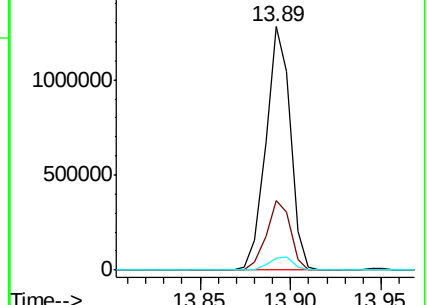
279 5.0 4.2 6.4

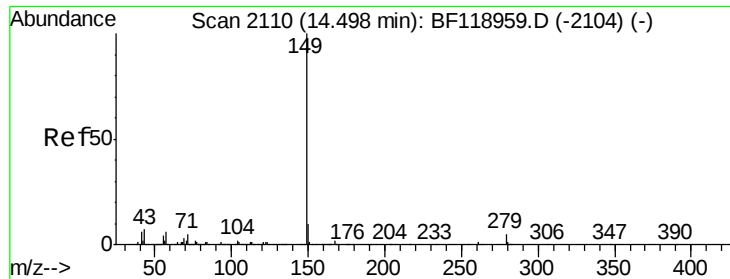


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.179 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

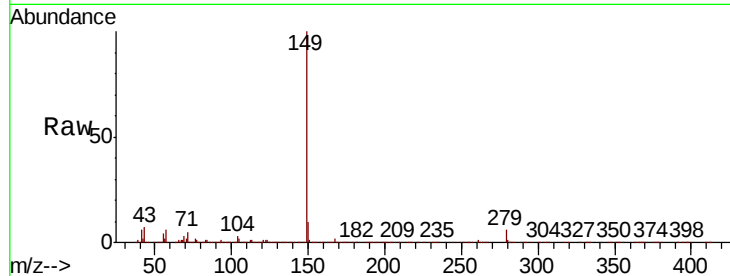
Tot Ion:149 Resp: 1930077

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

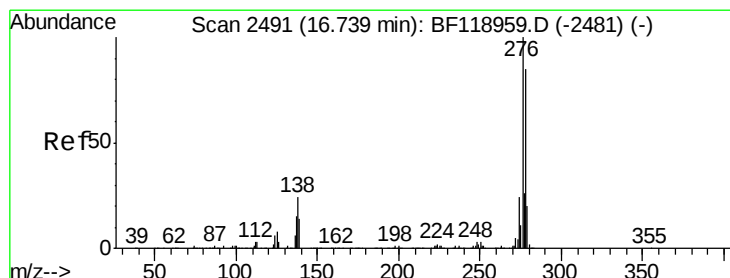
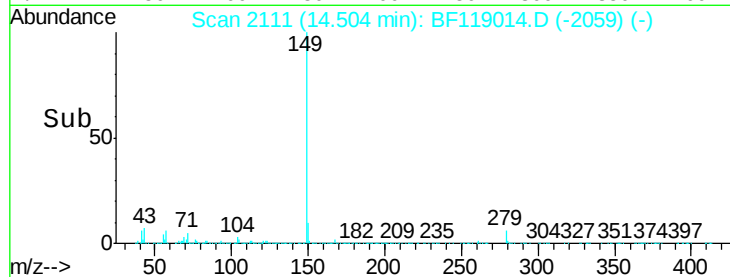
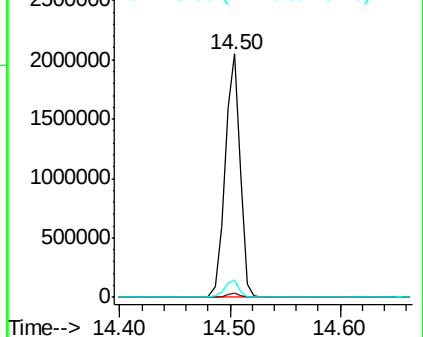
43 7.0 5.2 7.8



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: 37.639 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.03 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

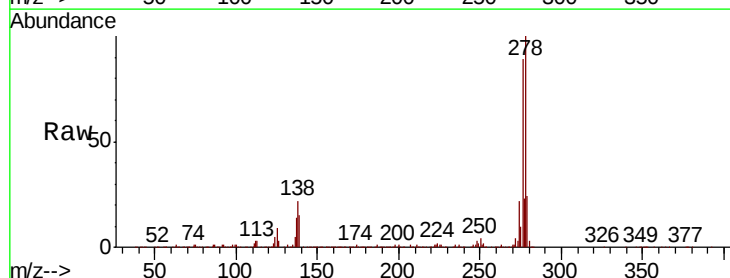
Tgt Ion:276 Resp: 1457086

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

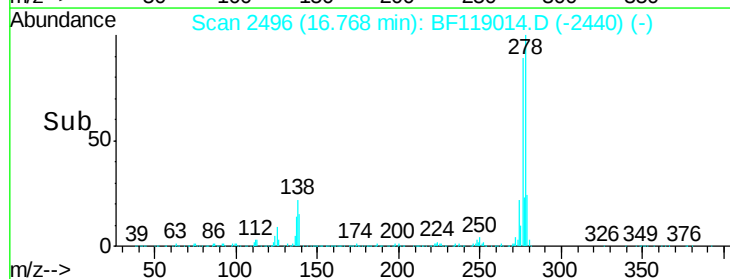
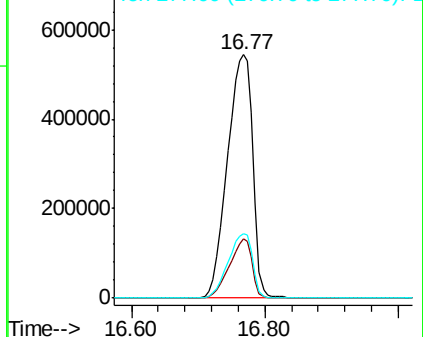
277 25.5 20.3 30.5

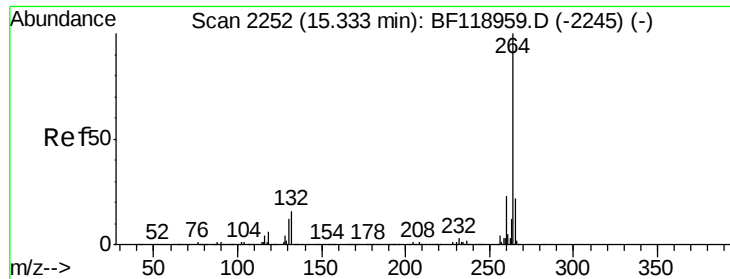


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

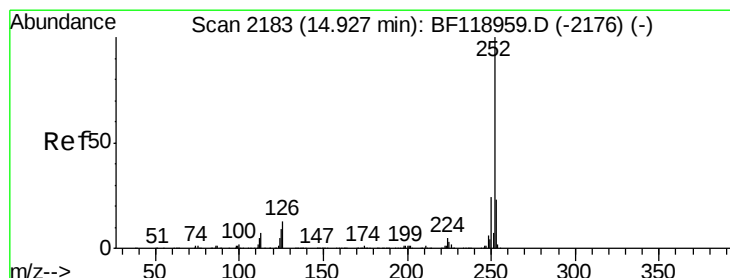
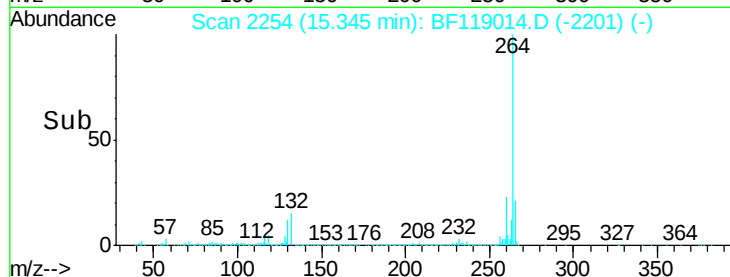
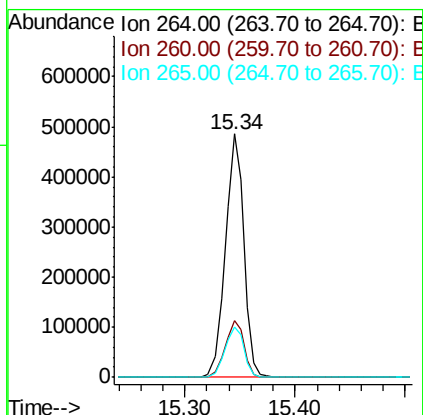
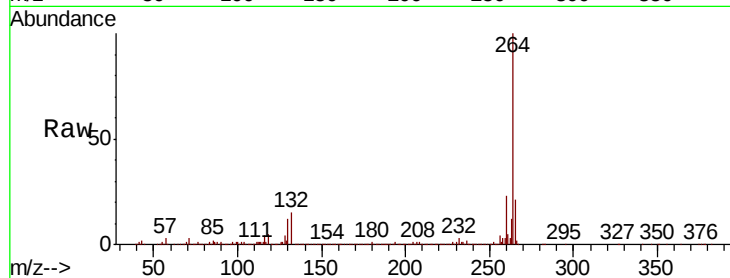




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

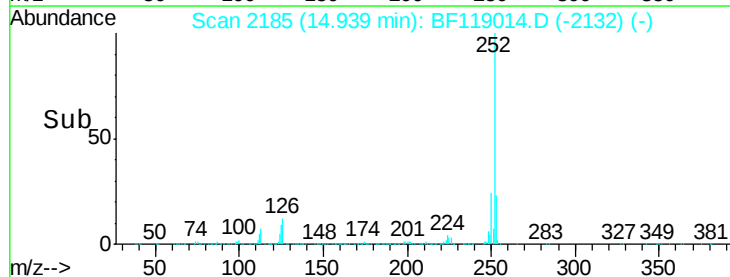
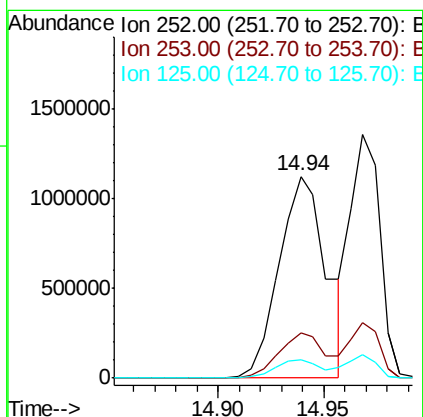
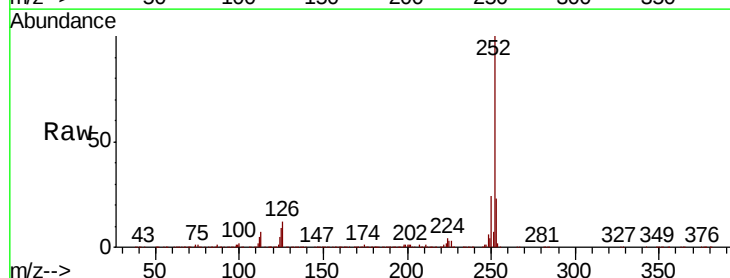
Instrument :
BNA_F
ClientSampleId :

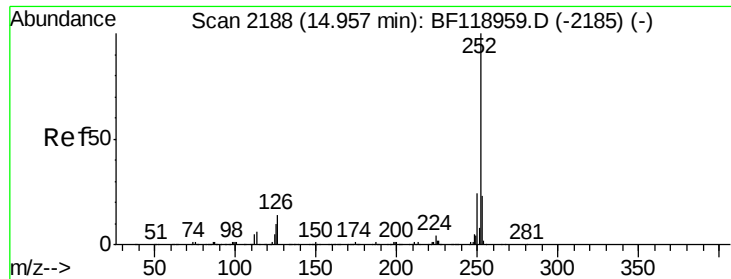
Tot Ion:264 Resp: 568340
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 20.9 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 46.810 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:252 Resp: 1753594
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.4 7.4 11.0

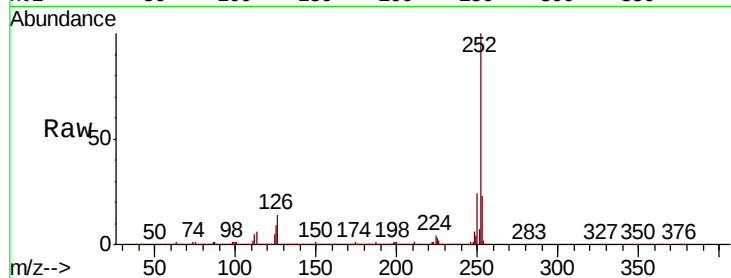




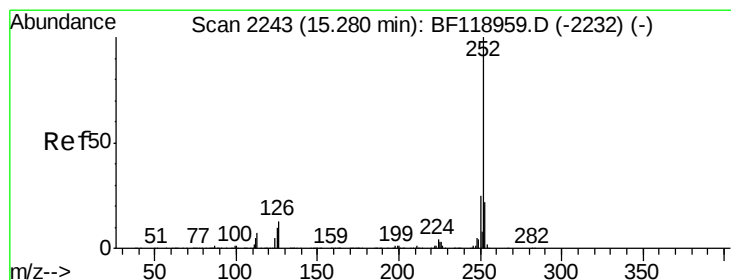
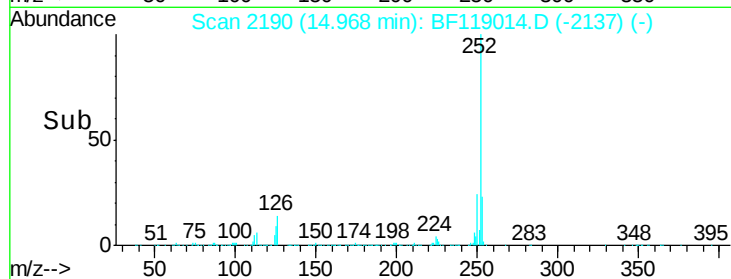
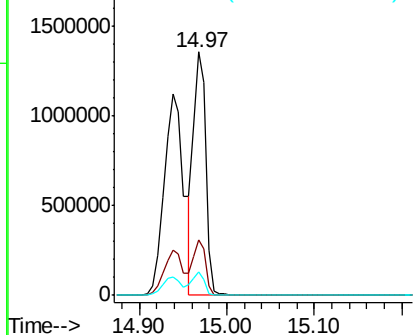
#89
Benzo(k)fluoranthene
Concen: 38.743 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1345041
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.5 7.3 10.9

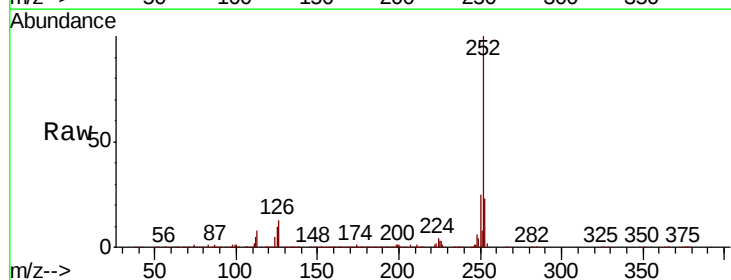


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

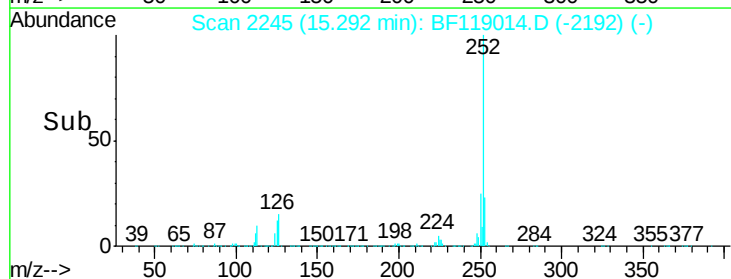
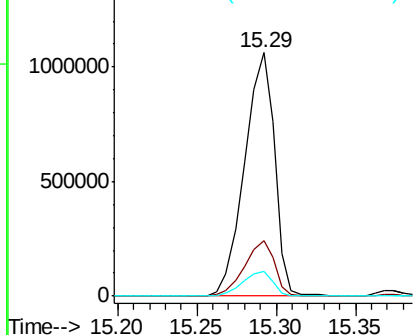


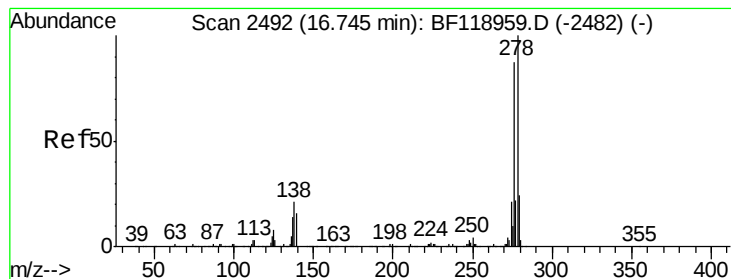
#90
Benzo(a)pyrene
Concen: 41.368 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF119014.D
Acq: 24 Feb 2020 10:17

Tgt Ion:252 Resp: 1398670
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.1 7.8 11.6



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





#91

Dibenzo(a,h)anthracene

Concen: 40.076 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.03 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

Instrument :

BNA_F

ClientSampleId :

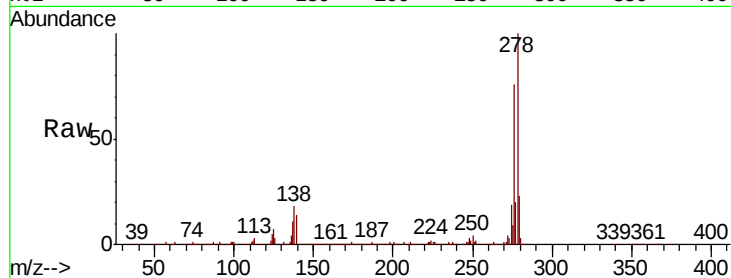
Tot Ion:278 Resp: 1192217

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.1	19.0	28.6

278 100

139 14.3 12.6 18.8

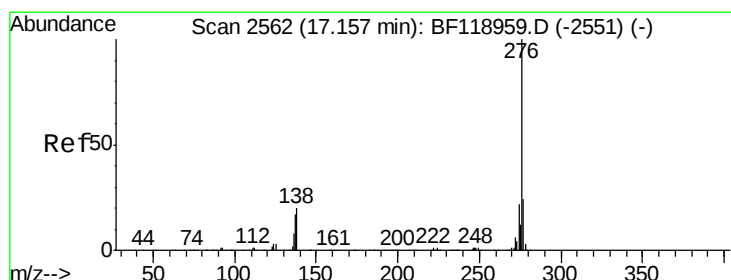
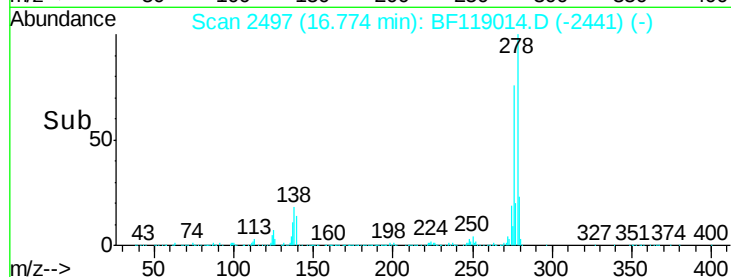
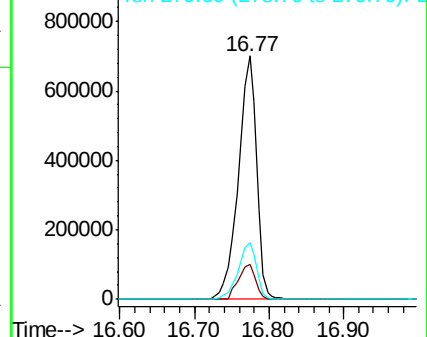
279 23.1 19.0 28.6



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: 38.925 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.04 min

Lab File: BF119014.D

Acq: 24 Feb 2020 10:17

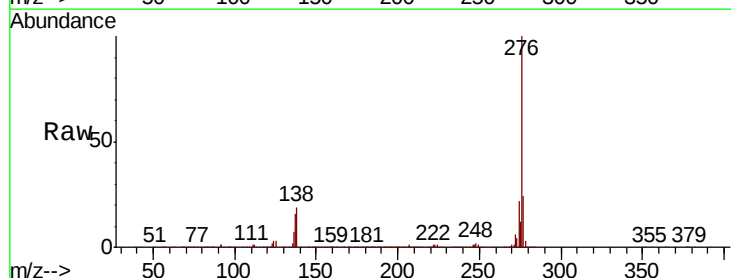
Tgt Ion:276 Resp: 1144150

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	18.9	16.2	24.4

276 100

277 23.9 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

