

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119516.D
 Acq On : 25 Mar 2020 21:38
 Operator : CG/JU
 Sample : L1754-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Quant Time: Mar 26 02:02:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	368778	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1422586	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	751500	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1420900	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	956729	20.00	ng	0.00
87) Perylene-d12	15.49	264	891764	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2914297	125.80	ng	0.02
7) Phenol-d6	6.48	99	3444952	116.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	2670847	102.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	1229591	158.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4855809	95.73	ng	0.00
79) Terphenyl-d14	12.97	244	4880160	99.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	450784	39.40	ng	98
3) Pyridine	3.53	79	872714	27.69	ng	98
4) n-Nitrosodimethylamine	3.47	42	679551	44.21	ng	99
6) Aniline	6.51	93	799604	19.58	ng	98
8) 2-Chlorophenol	6.63	128	1344032	55.24	ng	99
9) Benzaldehyde	6.40	77	647904	34.51	ng	97
10) Phenol	6.49	94	1386736	43.92	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	1407628	55.74	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1272602	48.33	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1298880	49.31	ng	100
14) 1,2-Dichlorobenzene	7.02	146	1202768	48.85	ng	98
15) Benzyl Alcohol	6.99	79	1141009	51.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2457441	48.24	ng	96
17) 2-Methylphenol	7.10	107	1069243	47.96	ng	97
18) Hexachloroethane	7.36	117	502634	52.07	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	988448	55.42	ng	98
20) 3+4-Methylphenols	7.10	107	1069440	39.14	ng	78
22) Acetophenone	7.26	105	1777138	52.28	ng	# 87
24) Nitrobenzene	7.43	77	1434314	51.27	ng	95
25) Isophorone	7.67	82	2738463	51.57	ng	98
26) 2-Nitrophenol	7.75	139	733513	66.60	ng	100
27) 2,4-Dimethylphenol	7.78	122	1231361	54.07	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1732085	55.16	ng	98
29) 2,4-Dichlorophenol	7.99	162	1139116	54.43	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1201749	51.93	ng	98
31) Naphthalene	8.15	128	3676529	50.22	ng	98
32) Benzoic acid	7.92	122	870655	59.43	ng	97
33) 4-Chloroaniline	8.20	127	417870	12.46	ng	96
34) Hexachlorobutadiene	8.27	225	680675	52.57	ng	97
35) Caprolactam	8.59	113	155648	22.73	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	1236141	54.05	ng	99
37) 2-Methylnaphthalene	8.85	142	2640780	54.96	ng	99
38) 1-Methylnaphthalene	8.95	142	2505631	55.10	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1114541	50.60	ng	98

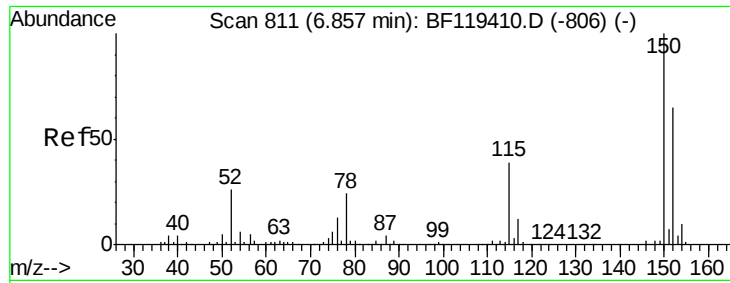
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1217578	97.23	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	891104	56.53	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	877250	49.68	ng	97
46) 1,1'-Biphenyl	9.32	154	3116520	50.92	ng	98
47) 2-Chloronaphthalene	9.34	162	2422480	50.53	ng	99
48) 2-Nitroaniline	9.43	65	904360	54.65	ng	98
49) Acenaphthylene	9.76	152	3744223	49.73	ng	98
50) Dimethylphthalate	9.62	163	3130626	58.65	ng	98
51) 2,6-Dinitrotoluene	9.68	165	663378	57.98	ng	86
52) Acenaphthene	9.93	154	2442525	52.04	ng	98
53) 3-Nitroaniline	9.85	138	358573	24.82	ng	94
54) 2,4-Dinitrophenol	9.95	184	693697	134.65	ng	94
55) Dibenzofuran	10.10	168	3357840	49.90	ng	99
56) 4-Nitrophenol	10.01	139	991567	87.02	ng	89
57) 2,4-Dinitrotoluene	10.09	165	847548	58.80	ng	91
58) Fluorene	10.45	166	2548695	51.22	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	740027	56.07	ng	97
60) Diethylphthalate	10.32	149	2943992	54.34	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	1261904	51.86	ng	97
62) 4-Nitroaniline	10.47	138	685955	49.52	ng	98
63) Azobenzene	10.60	77	2783156	51.01	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	452723	75.98	ng	91
66) n-Nitrosodiphenylamine	10.56	169	2414741	51.77	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	849984	52.53	ng	94
68) Hexachlorobenzene	10.99	284	910063	54.95	ng	96
69) Atrazine	11.09	200	722488	56.50	ng	100
70) Pentachlorophenol	11.19	266	1011054	104.11	ng	99
71) Phenanthrene	11.41	178	3592489	48.76	ng	98
72) Anthracene	11.46	178	3676503	49.10	ng	98
73) Carbazole	11.61	167	3474757	46.88	ng	97
74) Di-n-butylphthalate	11.94	149	4365518	55.06	ng	# 96
75) Fluoranthene	12.60	202	3823568	47.95	ng	98
77) Benzidine	12.72	184	1351277	33.37	ng	97
78) Pyrene	12.83	202	3821517	48.67	ng	97
80) Butylbenzylphthalate	13.44	149	1974485	62.17	ng	97
81) Benzo(a)anthracene	14.02	228	3012595	48.42	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	755800	30.81	ng	97
83) Chrysene	14.06	228	3120541	48.60	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2517135	66.49	ng	99
85) Di-n-octyl phthalate	14.62	149	4490590	67.45	ng	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2935013	48.54	ng	98
88) Benzo(b)fluoranthene	15.07	252	3319652	55.73	ng	98
89) Benzo(k)fluoranthene	15.10	252	2833489	49.95	ng	99
90) Benzo(a)pyrene	15.43	252	2726768	50.37	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	2391815	50.51	ng	98
92) Benzo(g,h,i)perylene	17.41	276	2368480	49.79	ng	97

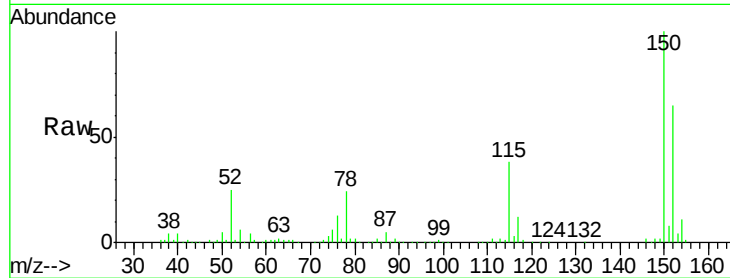
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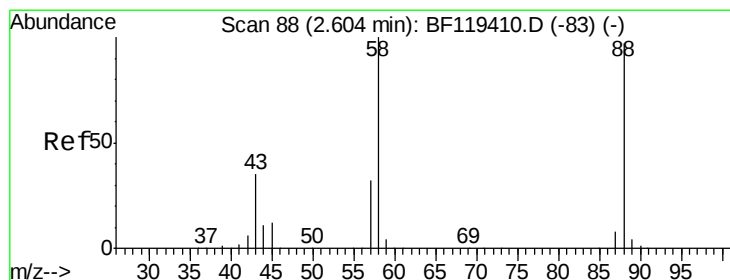
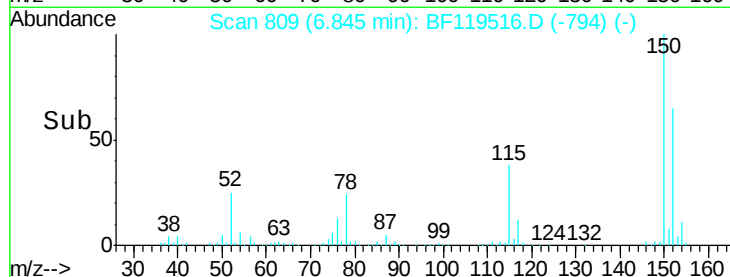
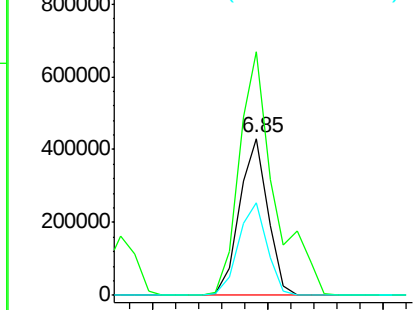
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tgt Ion: 152 Resp: 368778
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.9 185.9
 115 58.9 47.8 71.6

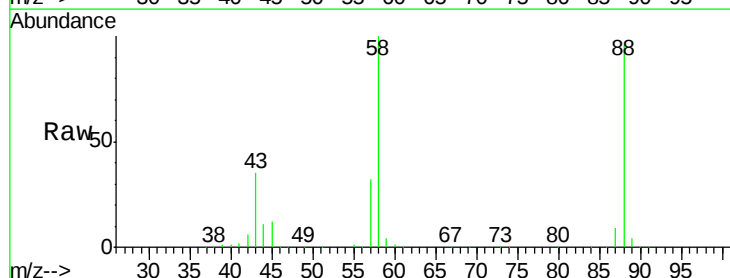


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

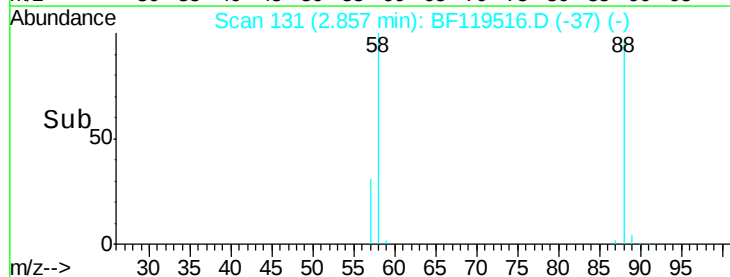
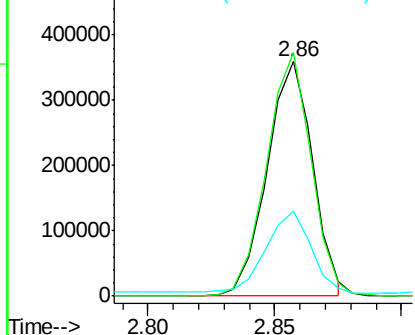


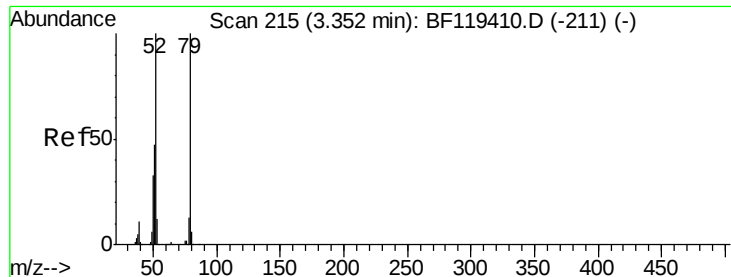
#2
 1,4-Dioxane
 Concen: 39.40 ng
 RT: 2.86 min Scan# 131
 Delta R.T. 0.25 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion: 88 Resp: 450784
 Ion Ratio Lower Upper
 88 100
 58 101.4 79.4 119.2
 43 34.0 28.4 42.6



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

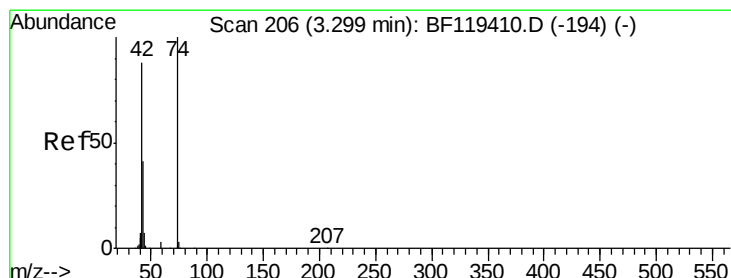
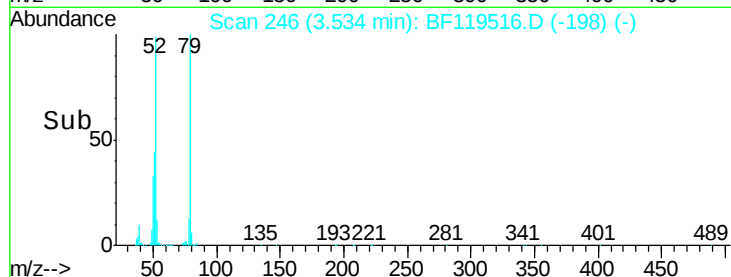
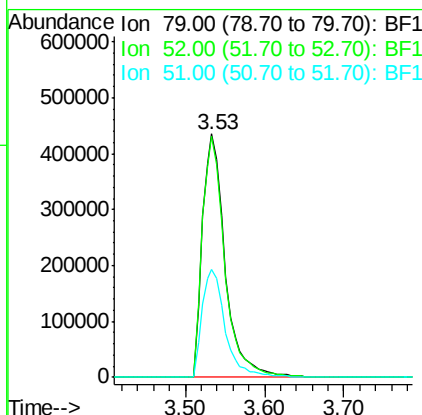
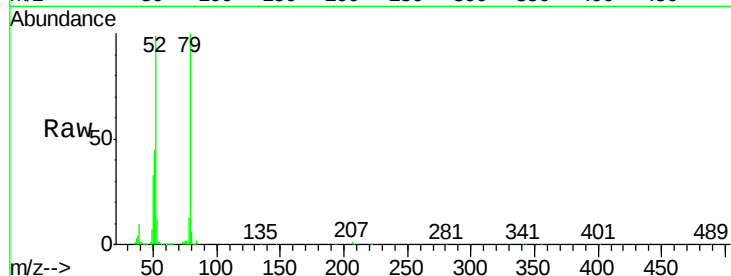




#3
 Pyridine
 Concen: 27.69 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.18 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

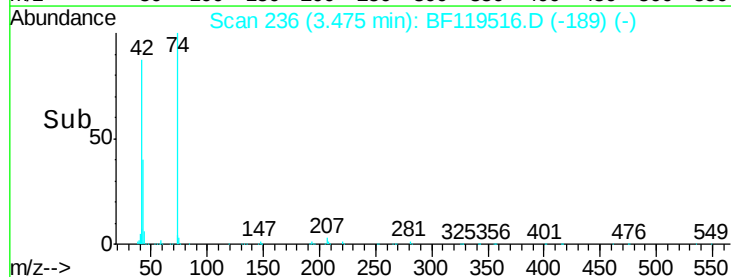
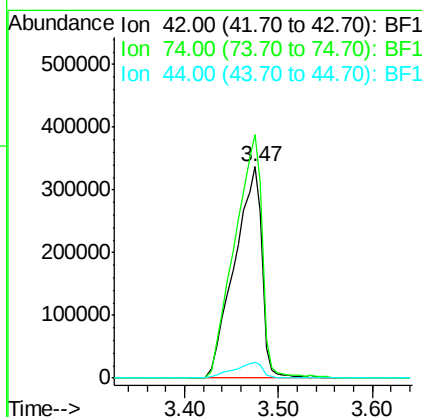
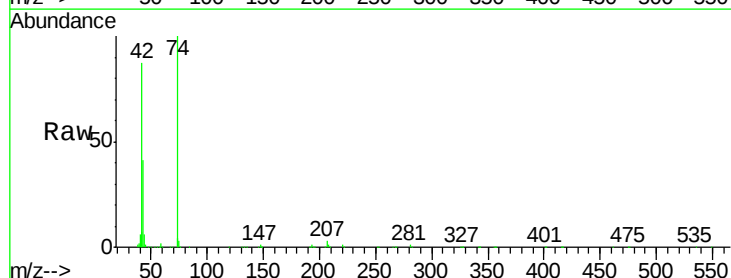
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

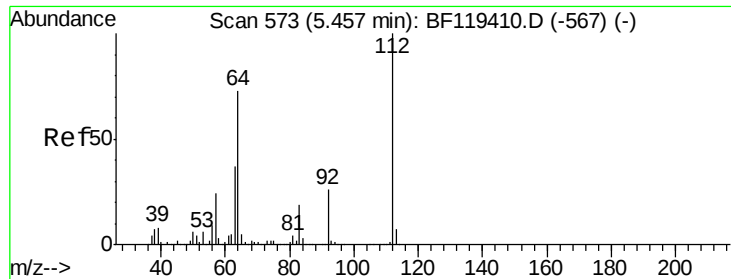
Tgt Ion: 79 Resp: 872714
 Ion Ratio Lower Upper
 79 100
 52 99.2 80.0 120.0
 51 44.5 37.9 56.9



#4
 n-Nitrosodimethylamine
 Concen: 44.21 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.18 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion: 42 Resp: 679551
 Ion Ratio Lower Upper
 42 100
 74 115.2 91.3 136.9
 44 7.4 7.1 10.7





#5

2-Fluorophenol

Concen: 125.80 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

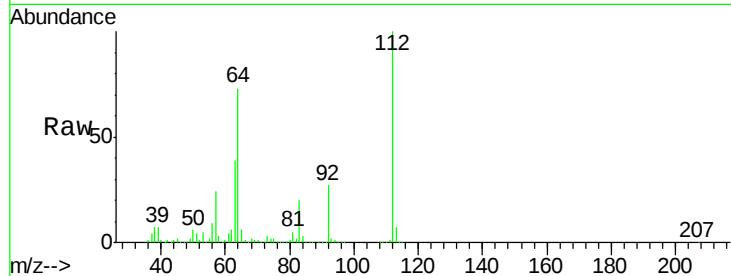
Tgt Ion: 112 Resp: 2914297

Ion Ratio Lower Upper

112 100

64 72.9 58.1 87.1

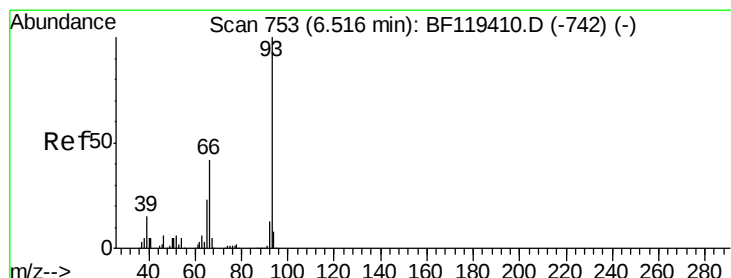
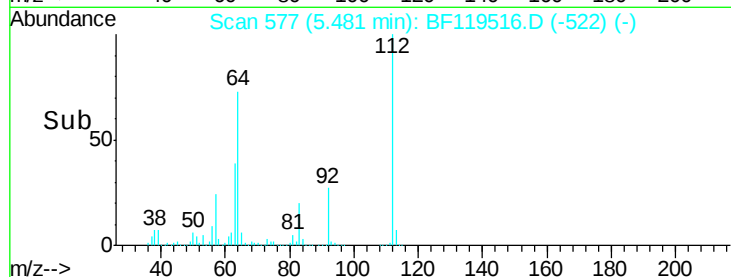
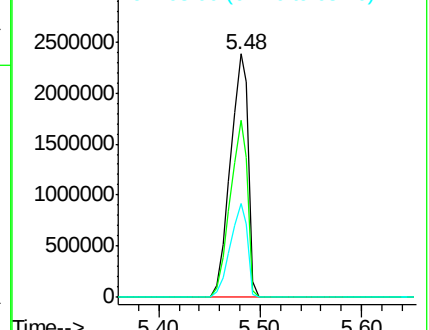
63 38.6 29.7 44.5



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: 19.58 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

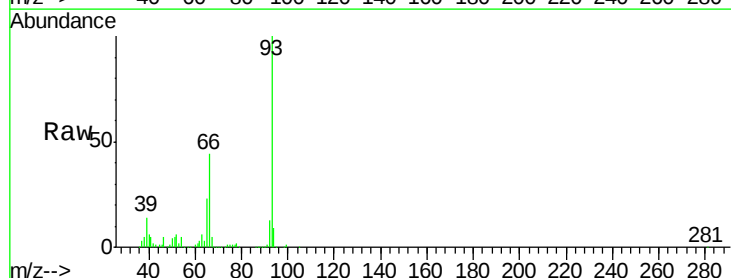
Tgt Ion: 93 Resp: 799604

Ion Ratio Lower Upper

93 100

66 44.3 34.2 51.4

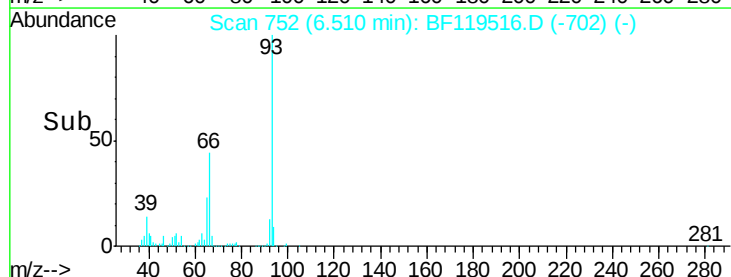
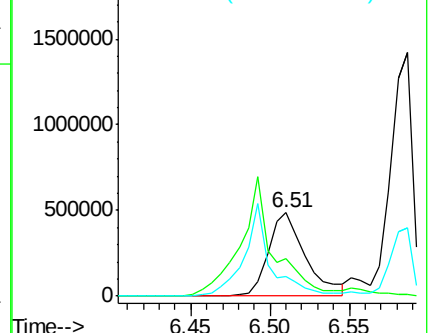
65 22.8 18.2 27.4

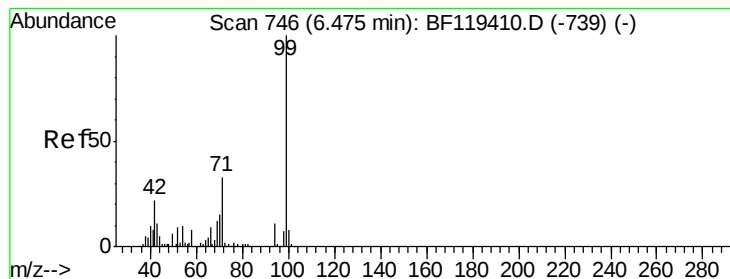


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.41 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

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NB-08-032420MS

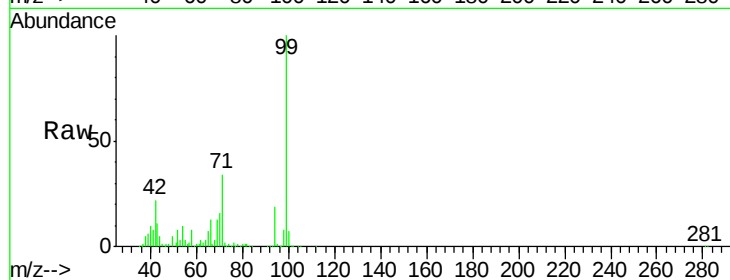
Tgt Ion: 99 Resp: 3444952

Ion Ratio Lower Upper

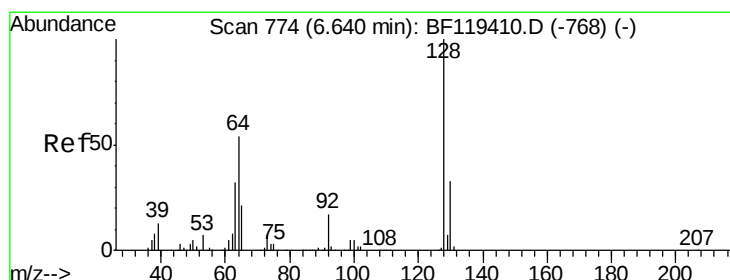
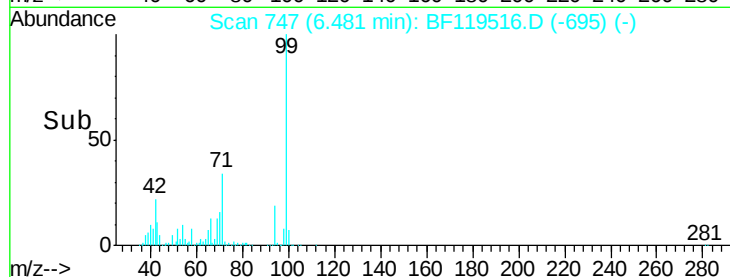
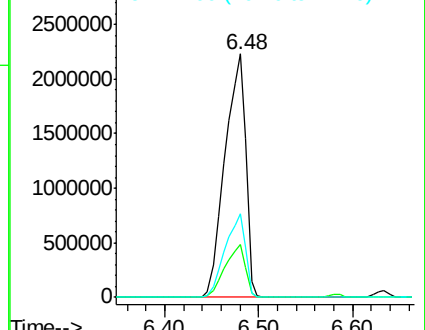
99 100

42 21.6 17.8 26.6

71 34.5 26.0 39.0



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



#8

2-Chlorophenol

Concen: 55.24 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

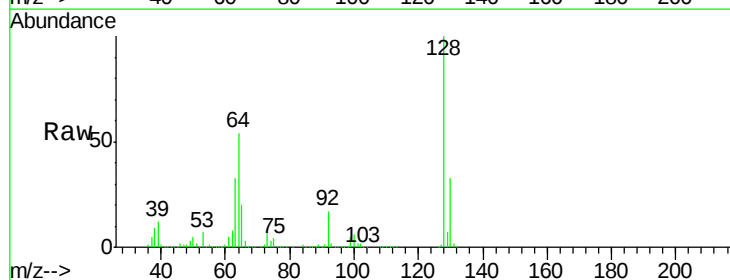
Tgt Ion: 128 Resp: 1344032

Ion Ratio Lower Upper

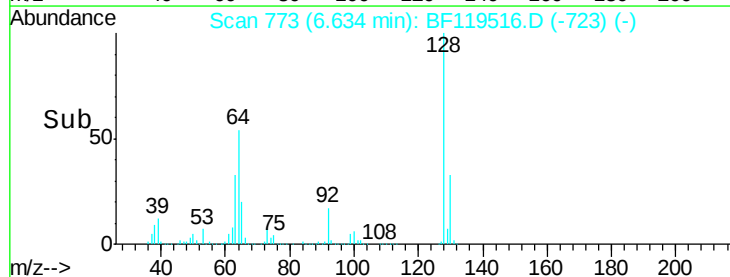
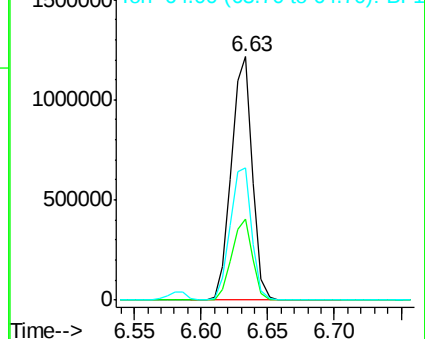
128 100

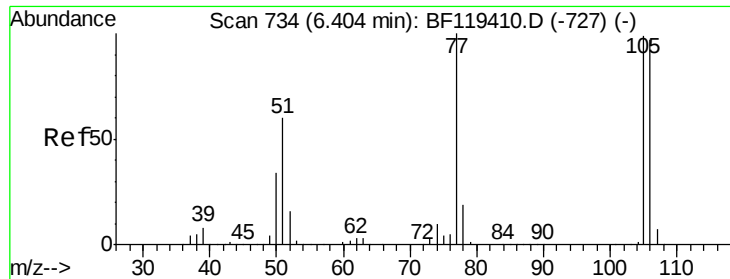
130 33.5 13.0 53.0

64 54.3 35.1 75.1



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





#9

Benzaldehyde

Concen: 34.51 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

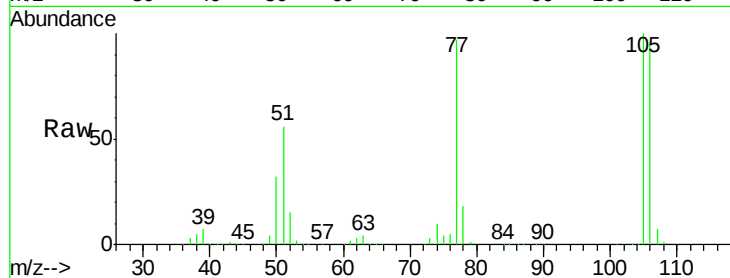
Tgt Ion: 77 Resp: 647904

Ion Ratio Lower Upper

77 100

105 103.2 78.6 118.6

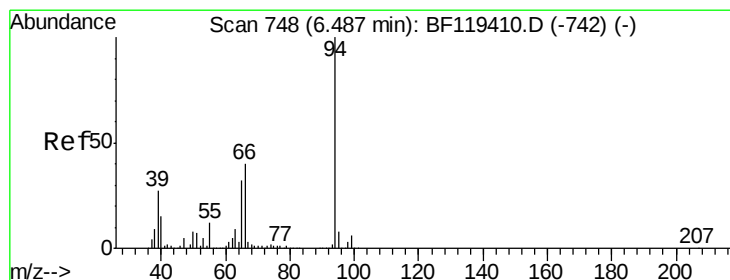
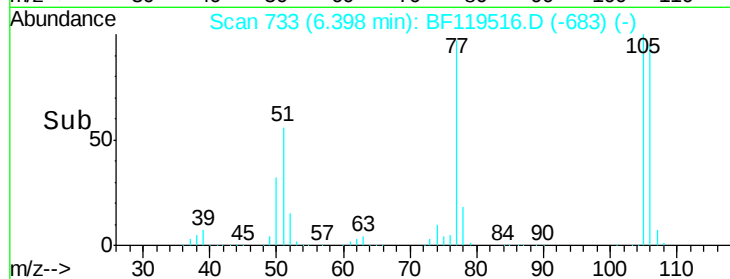
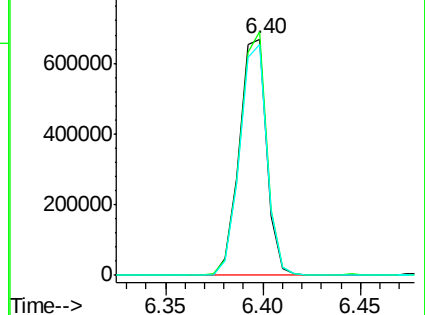
106 97.9 76.5 116.5



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: 43.92 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

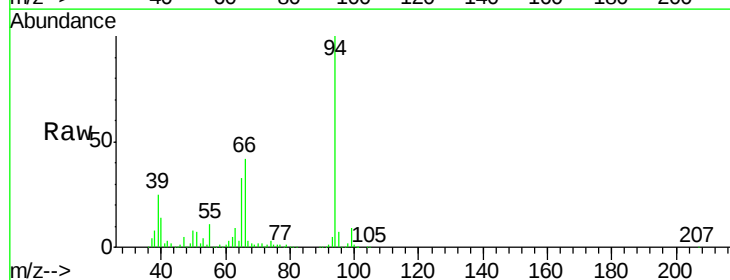
Tgt Ion: 94 Resp: 1386736

Ion Ratio Lower Upper

94 100

65 33.1 12.0 52.0

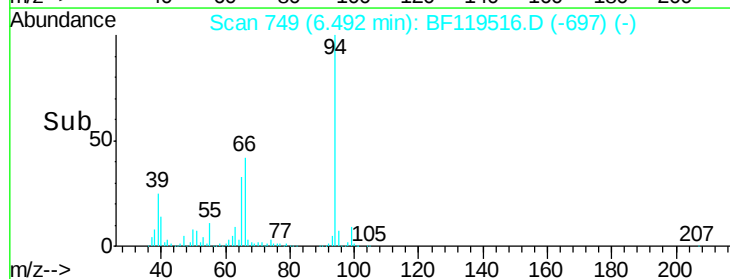
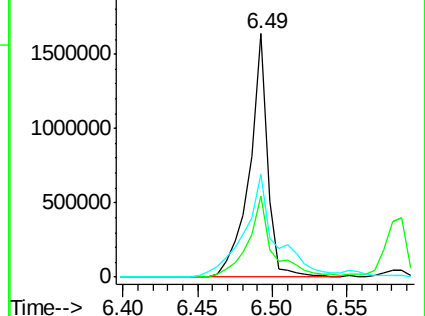
66 42.5 20.6 60.6

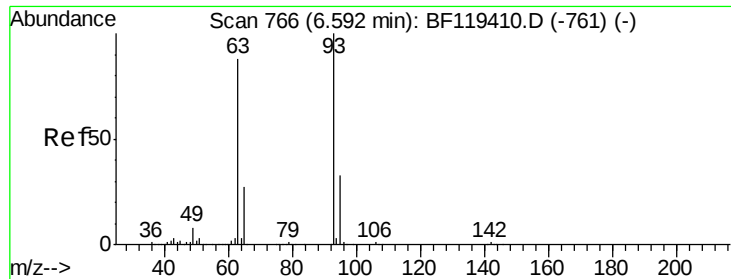


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



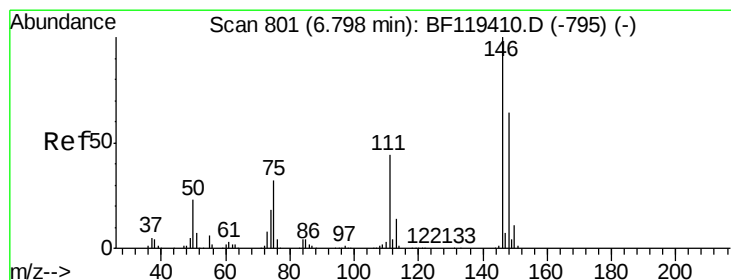
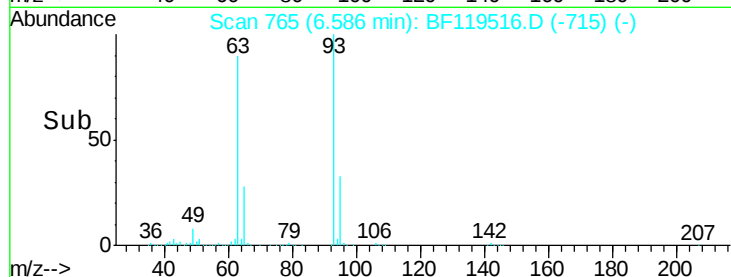
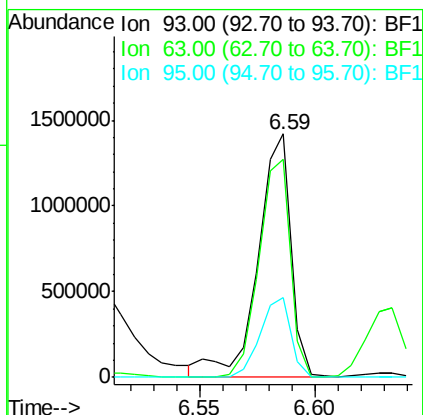
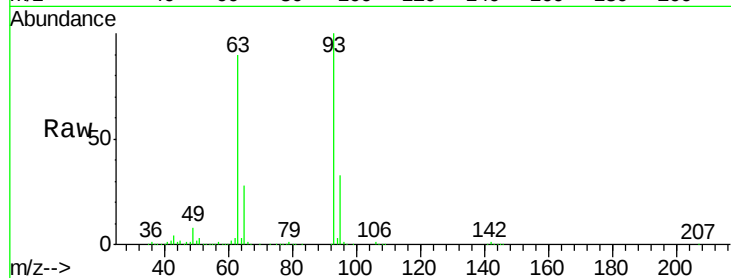


#11
bis(2-Chloroethyl)ether
Concen: 55.74 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion: 93 Resp: 1407628

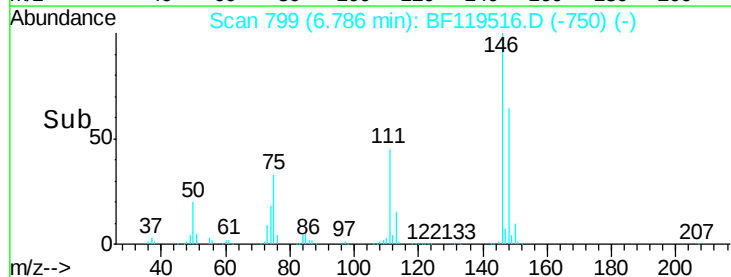
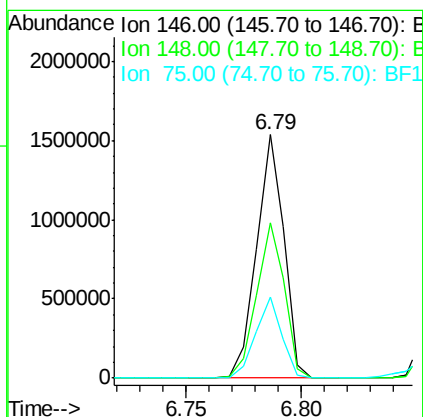
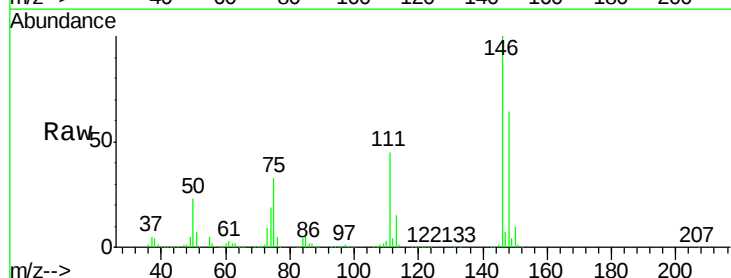
Ion	Ratio	Lower	Upper
93	100		
63	89.5	68.4	108.4
95	33.0	13.4	53.4

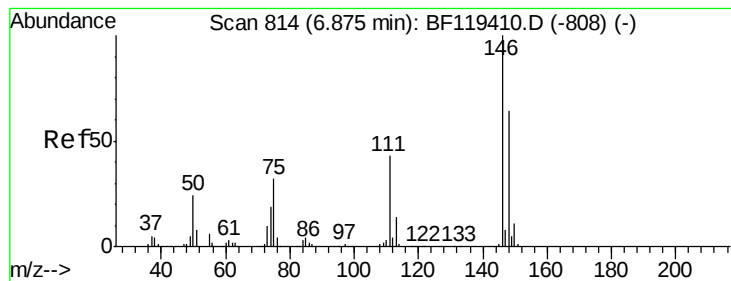


#12
1,3-Dichlorobenzene
Concen: 48.33 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion: 146 Resp: 1272602

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	33.4	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 49.31 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

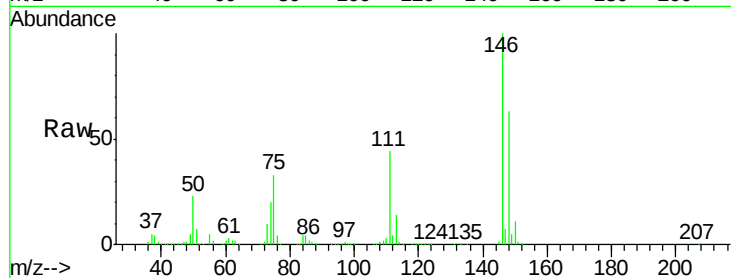
Tgt Ion:146 Resp: 1298880

Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

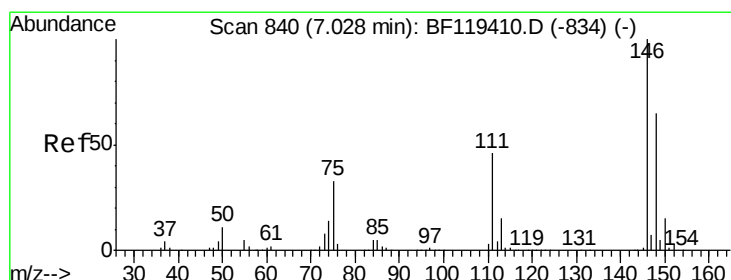
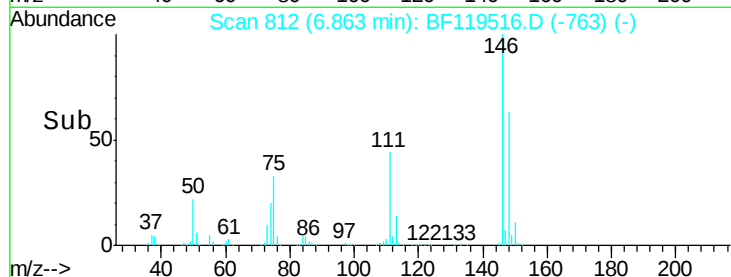
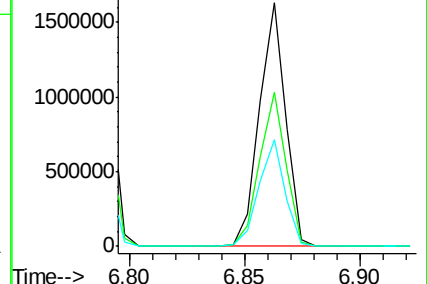
111 43.6 34.6 52.0



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: 48.85 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

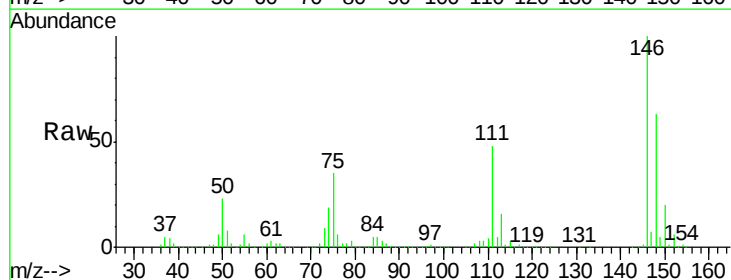
Tgt Ion:146 Resp: 1202768

Ion Ratio Lower Upper

146 100

148 63.3 51.7 77.5

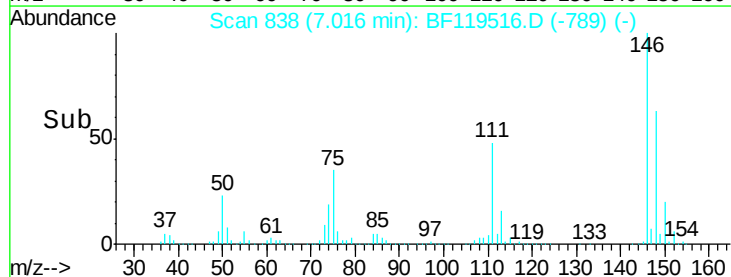
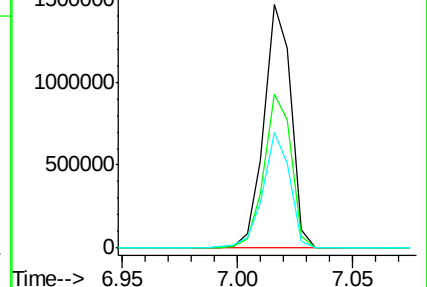
111 47.5 36.4 54.6



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: 51.26 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

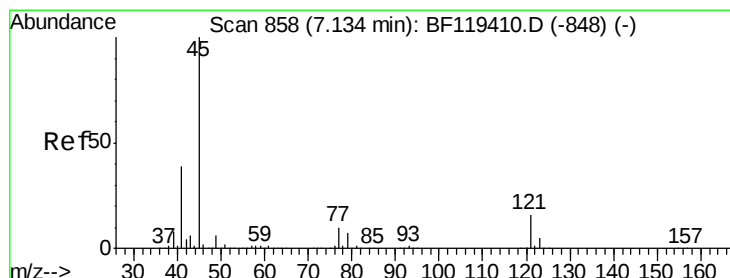
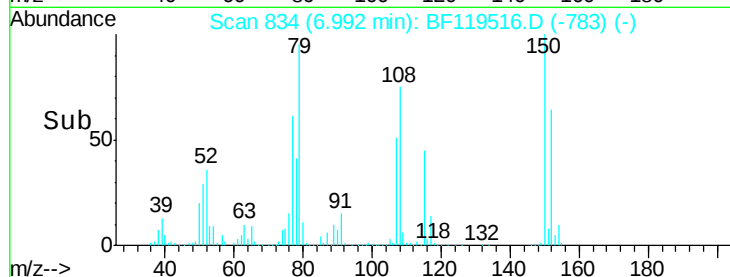
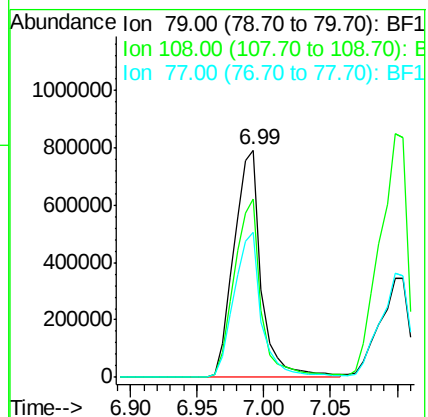
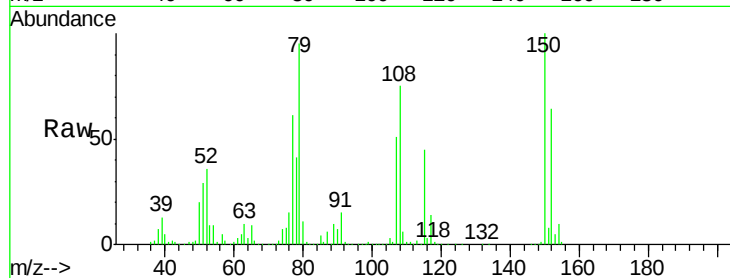
Tgt Ion: 79 Resp: 1141009

Ion Ratio Lower Upper

79 100

108 78.5 60.4 90.6

77 63.8 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.24 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

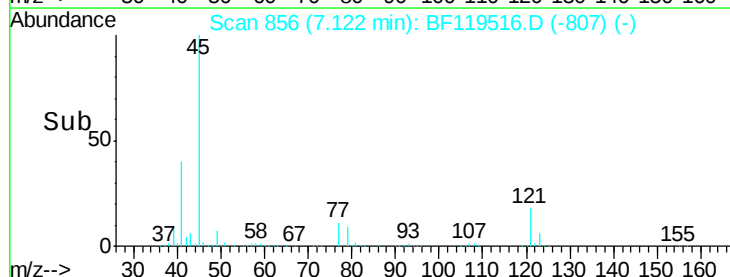
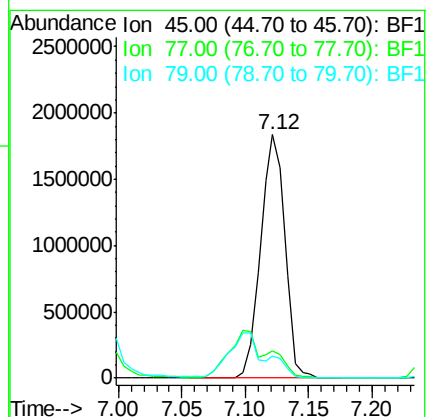
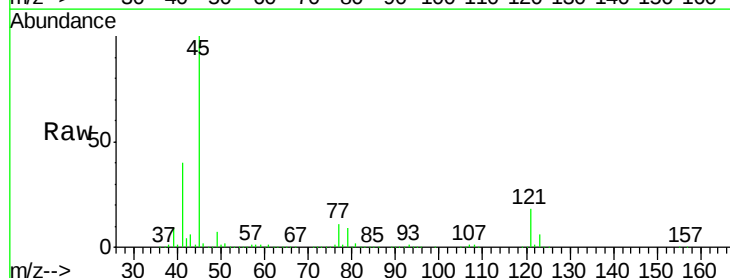
Tgt Ion: 45 Resp: 2457441

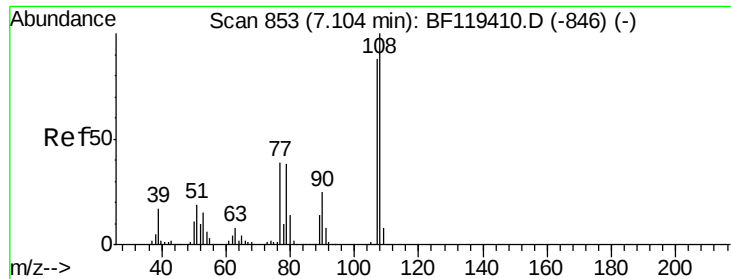
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.1

79 8.9 0.0 27.4

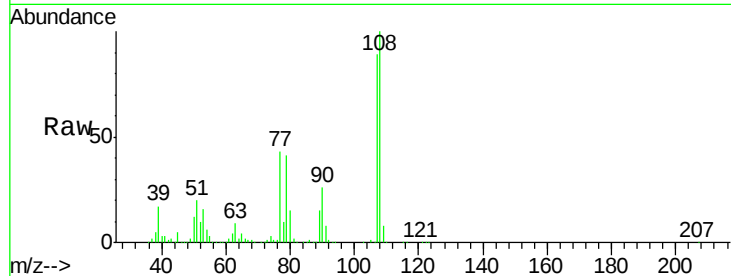




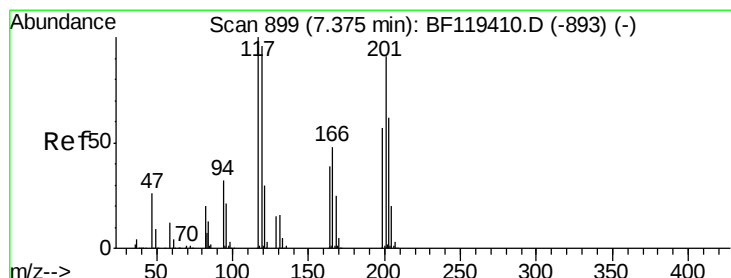
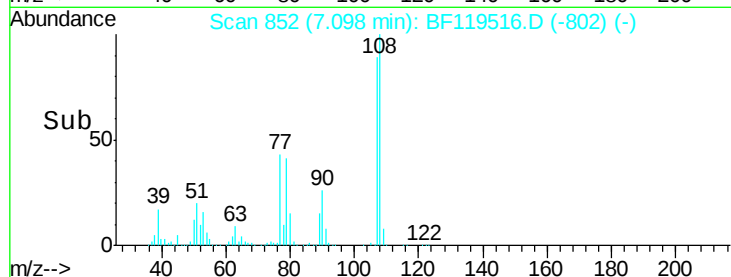
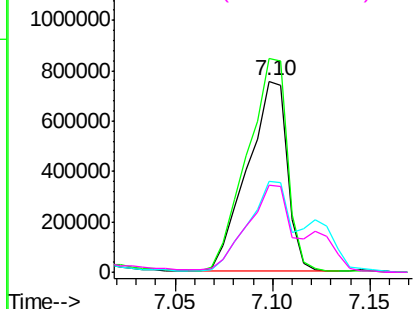
#17
2-Methylphenol
Concen: 47.96 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:107 Resp: 1069243
Ion Ratio Lower Upper
107 100
108 111.9 90.7 136.1
77 47.8 35.6 53.4
79 45.6 34.7 52.1

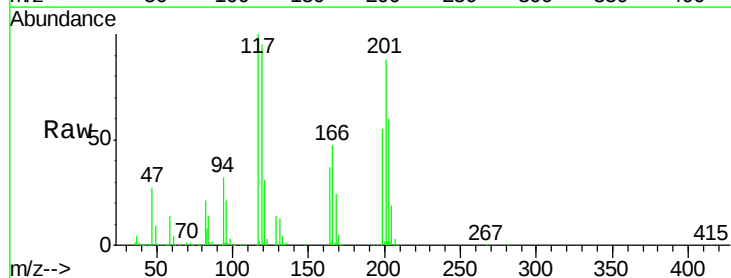


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

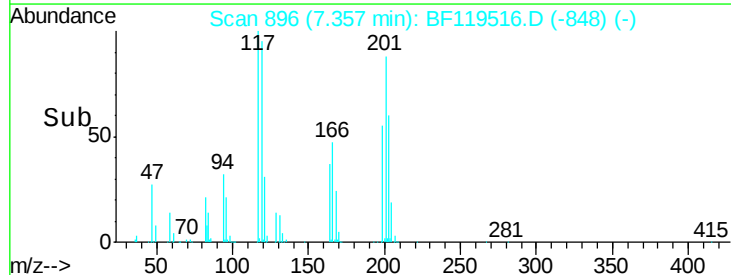
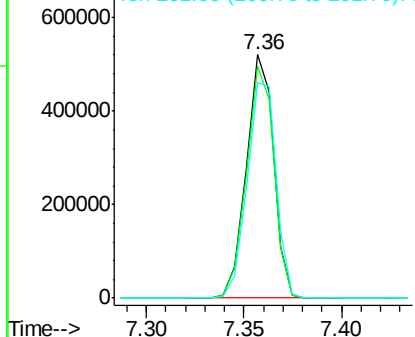


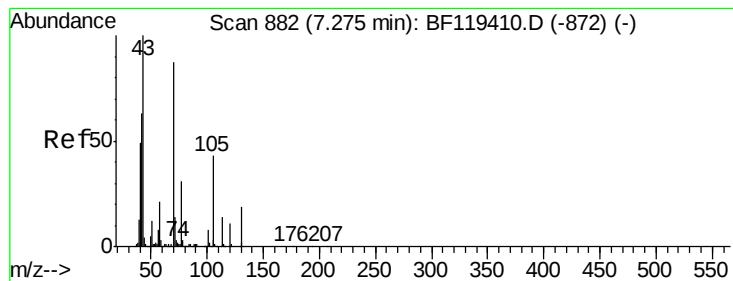
#18
Hexachloroethane
Concen: 52.07 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:117 Resp: 502634
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2
201 88.3 72.5 108.7



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: 55.42 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tgt Ion: 70 Resp: 988448

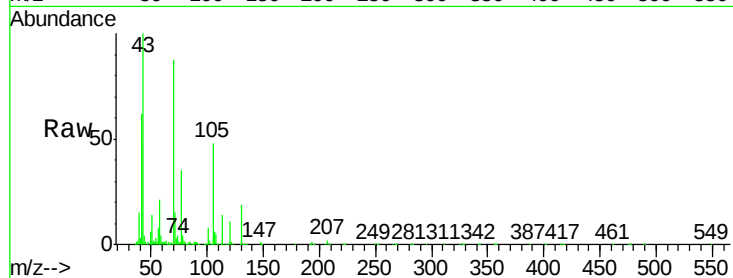
Ion Ratio Lower Upper

70 100

42 71.1 58.2 87.4

101 9.5 7.4 11.2

130 21.5 17.8 26.8

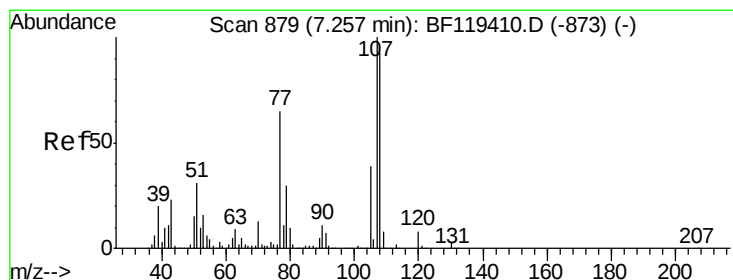
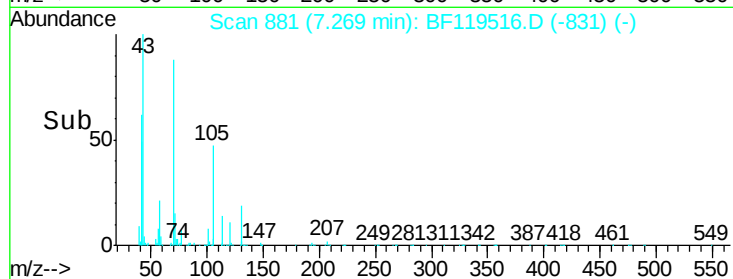
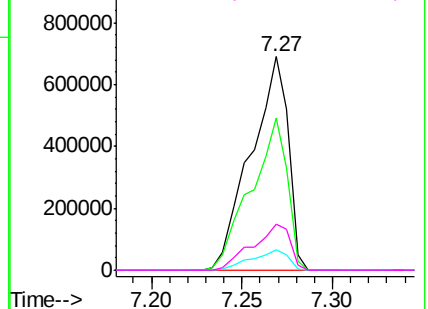


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.14 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.16 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion: 107 Resp: 1069440

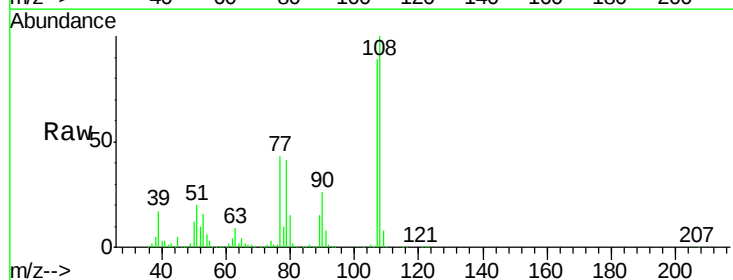
Ion Ratio Lower Upper

107 100

108 111.9 72.6 112.6

77 47.8 44.7 84.7

79 45.6 10.2 50.2

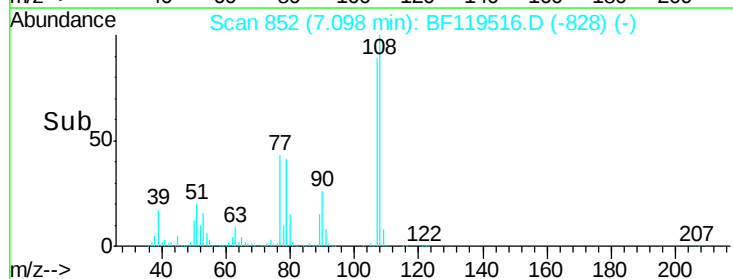
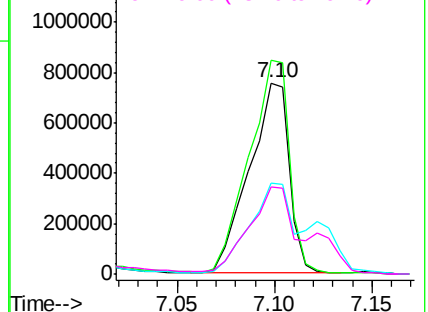


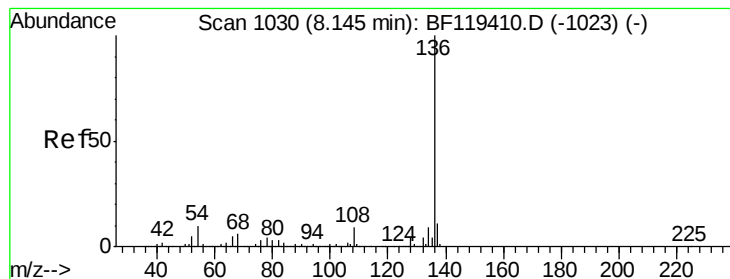
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tgt Ion:136 Resp: 1422586

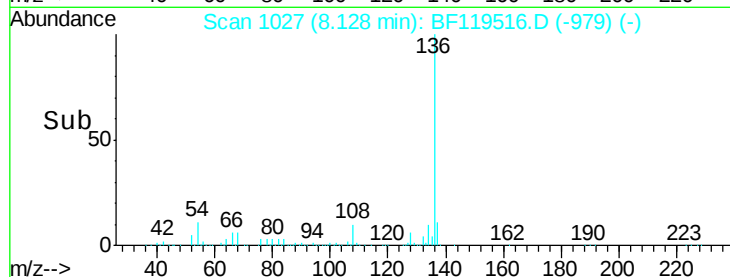
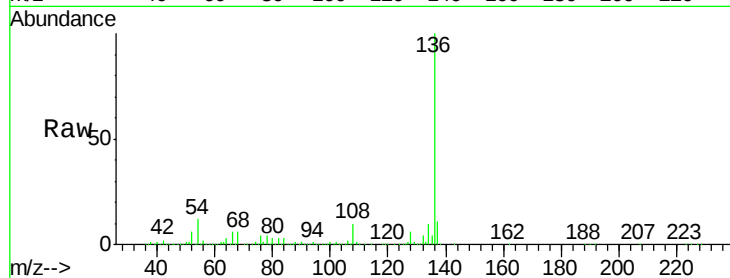
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.5 8.3 12.5

68 6.0 4.9 7.3

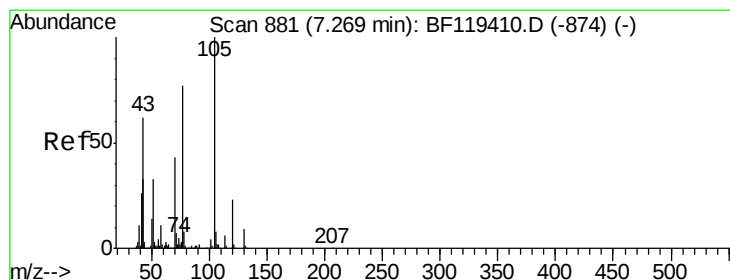
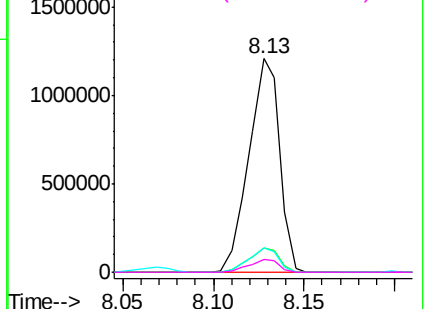


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.28 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion:105 Resp: 1777138

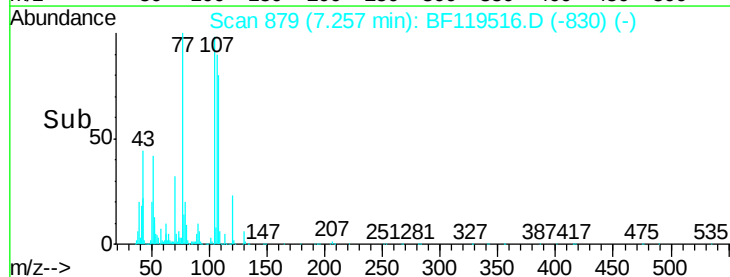
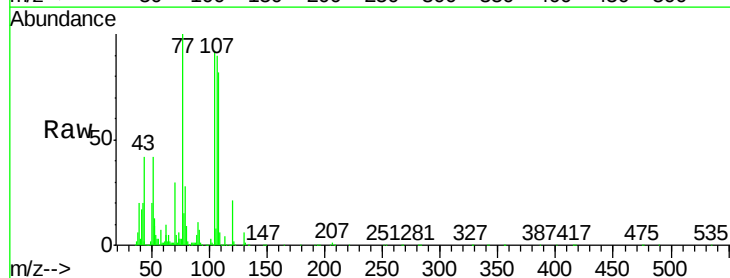
Ion Ratio Lower Upper

105 100

71 5.4 5.8 8.6#

51 46.0 26.8 40.2#

120 23.0 18.0 27.0

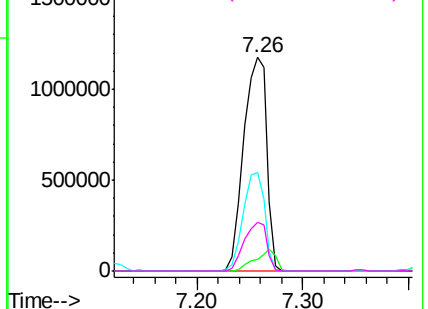


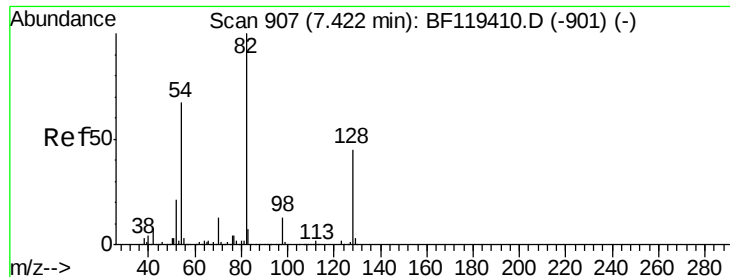
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

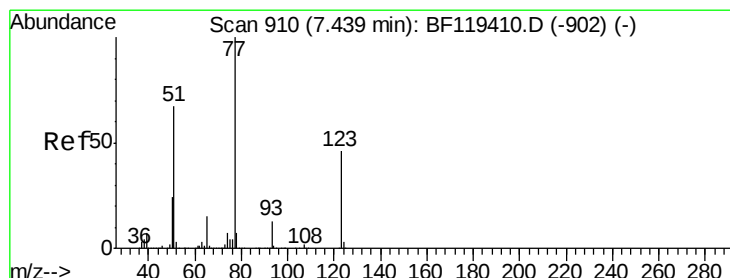
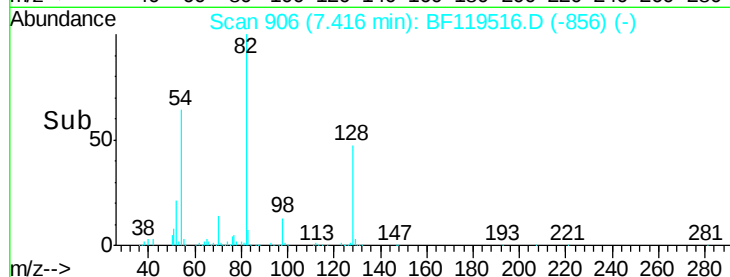
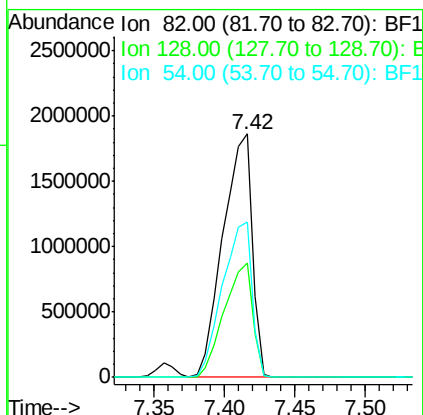
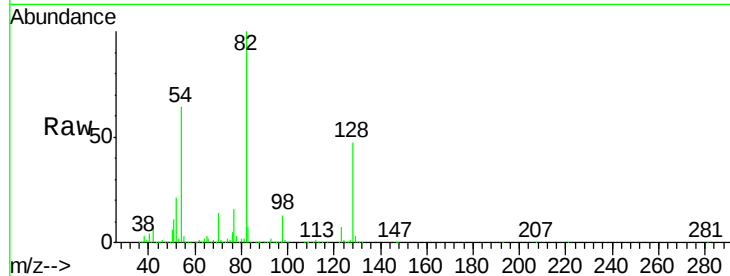




#23
 Nitrobenzene-d5
 Concen: 102.04 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

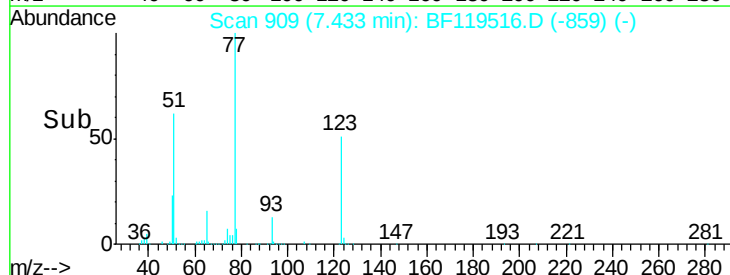
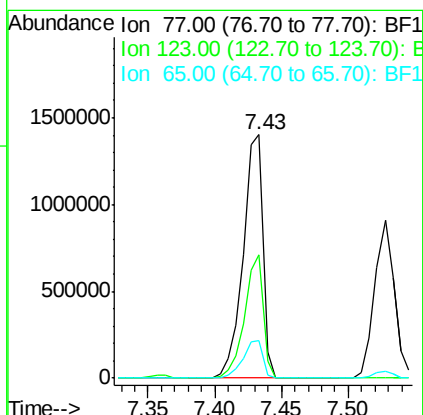
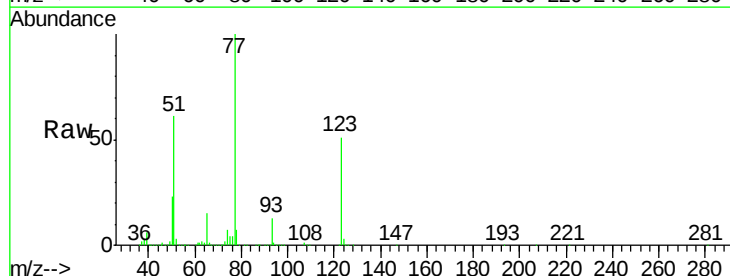
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

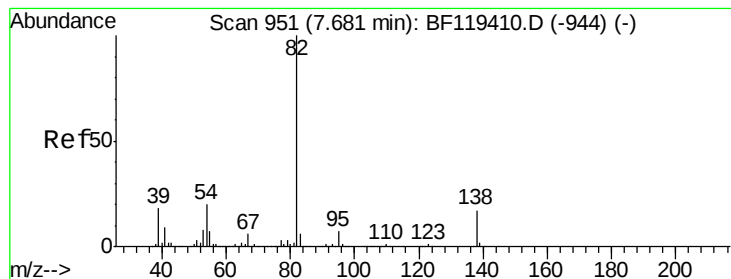
Tgt Ion: 82 Resp: 2670847
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.8 53.8
 54 63.7 53.4 80.0



#24
 Nitrobenzene
 Concen: 51.27 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion: 77 Resp: 1434314
 Ion Ratio Lower Upper
 77 100
 123 50.6 36.9 55.3
 65 15.4 12.2 18.4





#25

Isophorone

Concen: 51.57 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

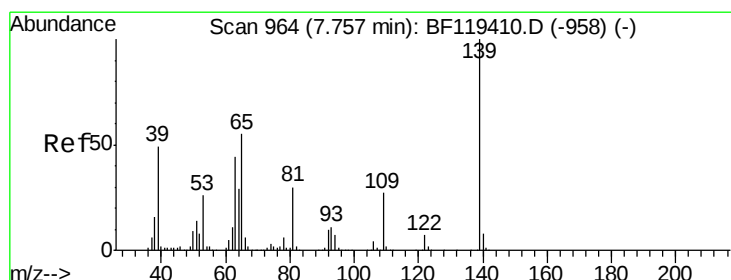
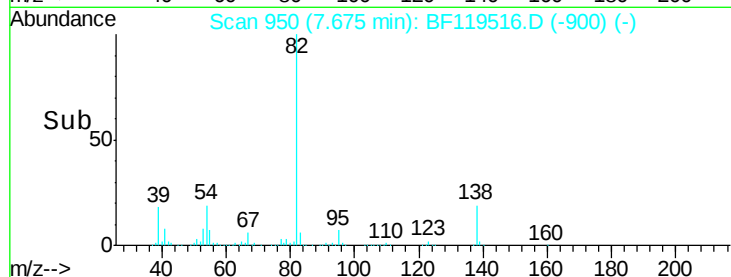
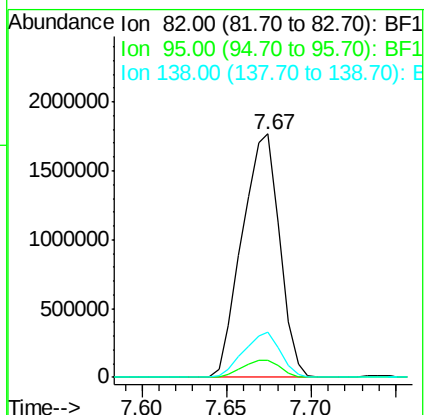
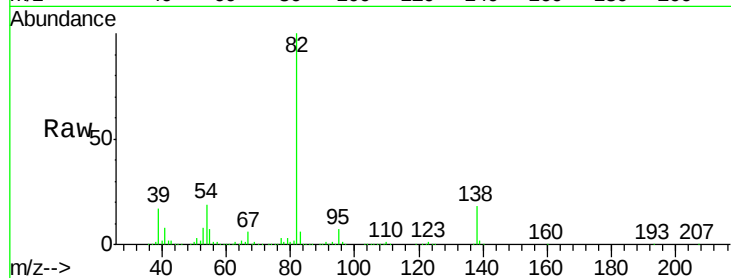
Tgt Ion: 82 Resp: 2738463

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.4 13.8 20.8



#26

2-Nitrophenol

Concen: 66.60 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

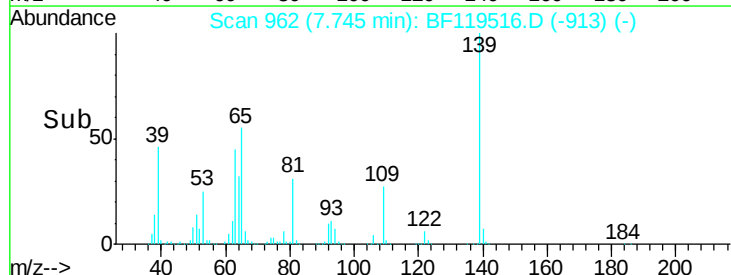
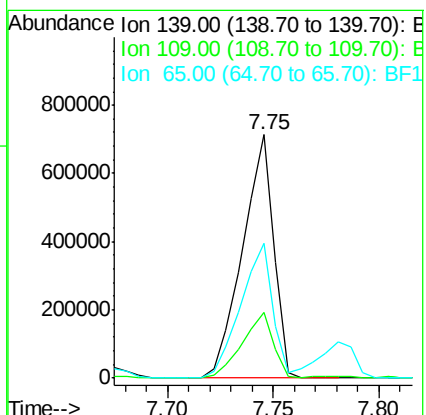
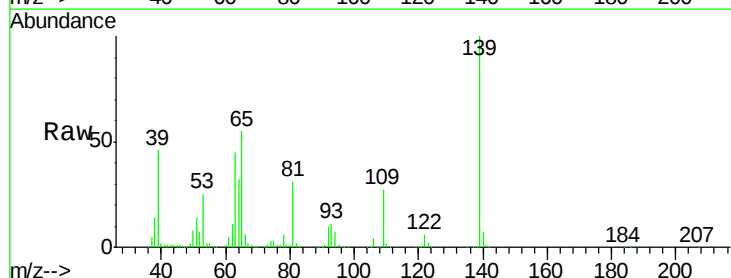
Tgt Ion: 139 Resp: 733513

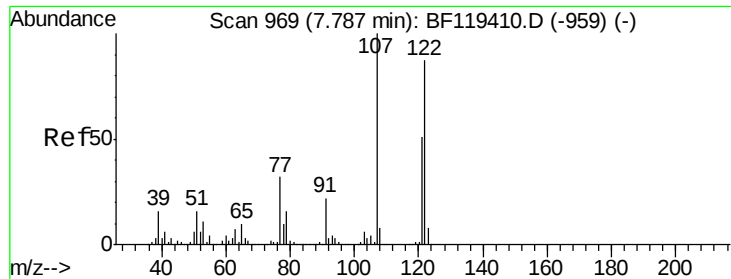
Ion Ratio Lower Upper

139 100

109 27.0 21.7 32.5

65 55.2 43.9 65.9

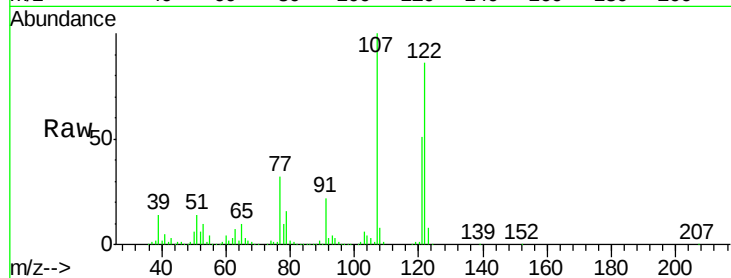




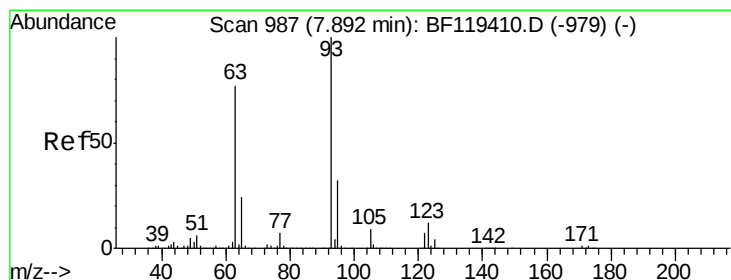
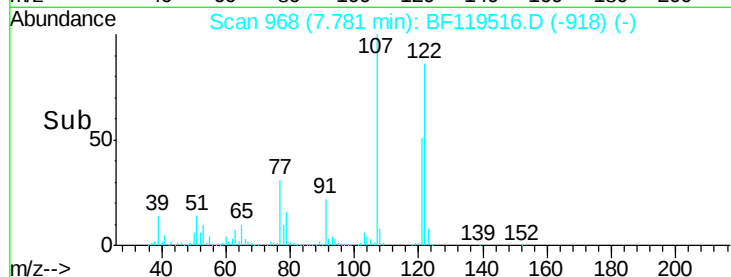
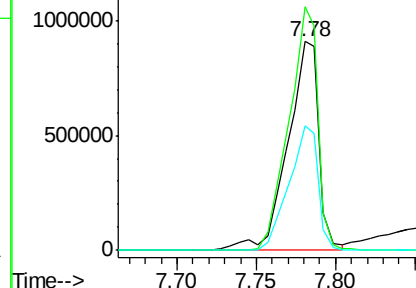
#27
2,4-Dimethylphenol
Concen: 54.07 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:122 Resp: 1231361
Ion Ratio Lower Upper
122 100
107 116.8 91.8 137.6
121 59.5 46.5 69.7

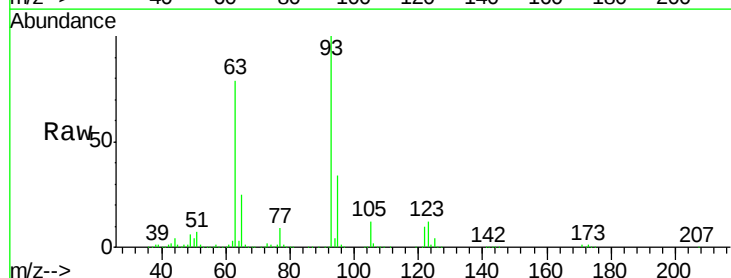


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

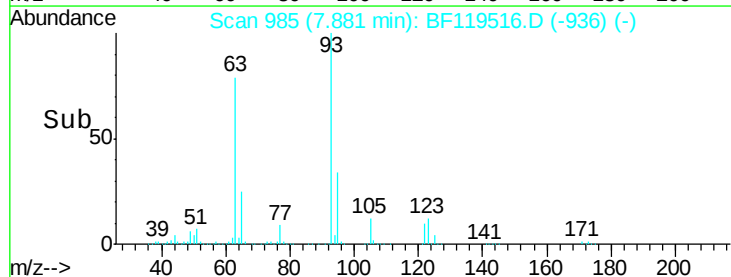
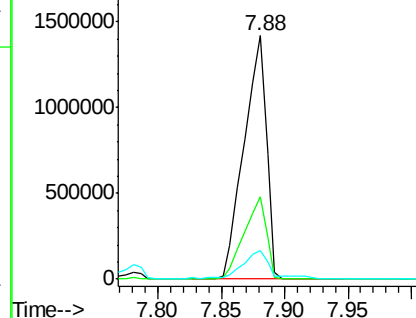


#28
bis(2-Chloroethoxy)methane
Concen: 55.16 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion: 93 Resp: 1732085
Ion Ratio Lower Upper
93 100
95 33.8 26.0 39.0
123 11.8 9.7 14.5



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

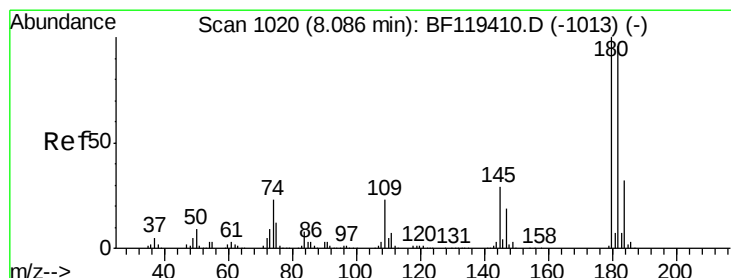
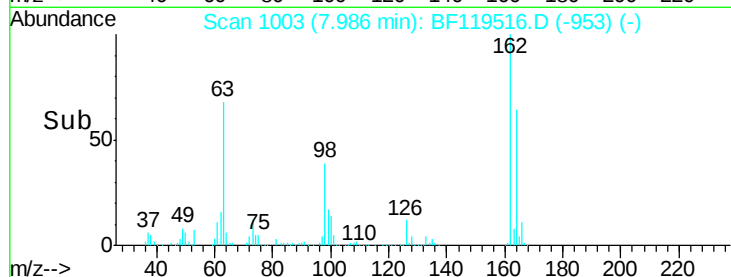
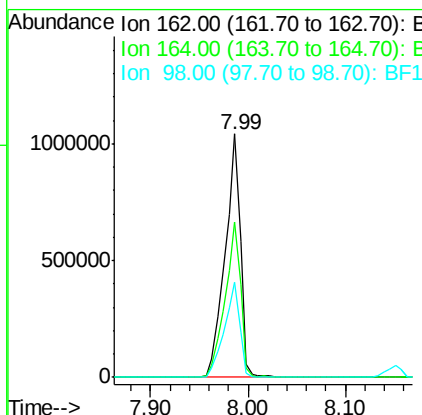
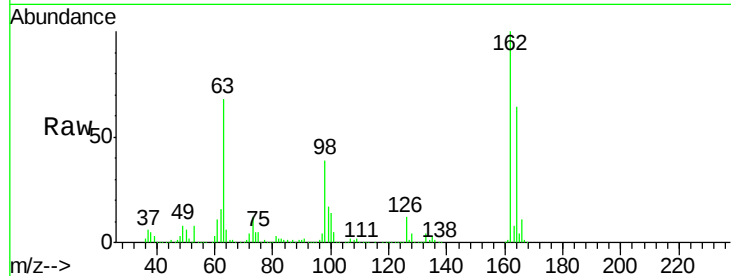




#29
 2,4-Dichlorophenol
 Concen: 54.43 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

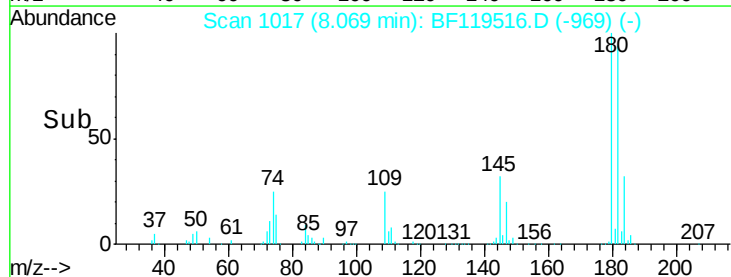
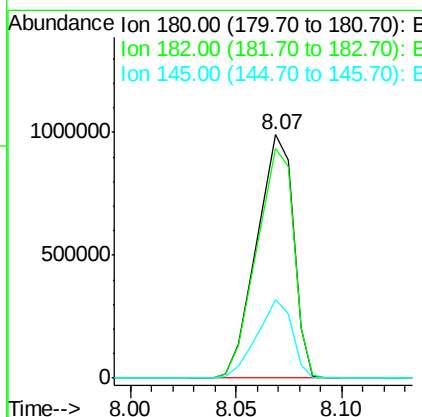
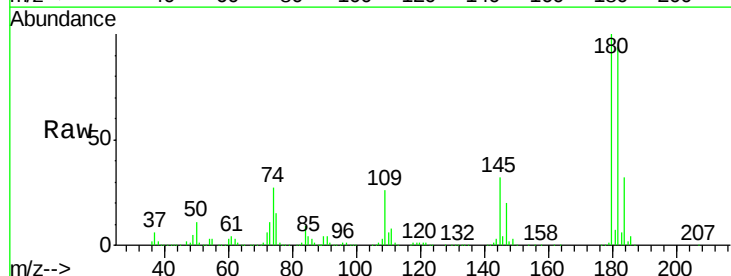
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

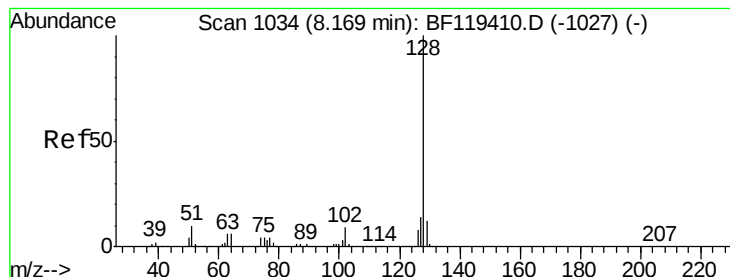
Tgt Ion:162 Resp: 1139116
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.6 83.6
 98 39.2 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 51.93 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:180 Resp: 1201749
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.6 115.0
 145 32.1 23.2 34.8





#31

Naphthalene

Concen: 50.22 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

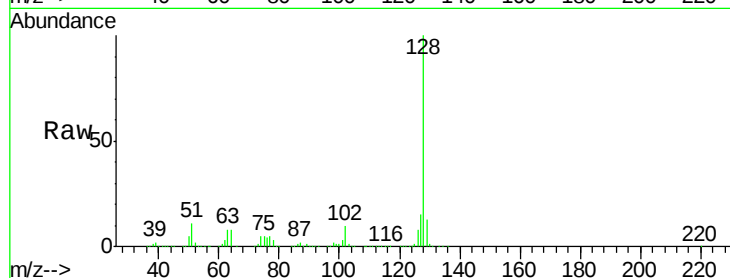
Tgt Ion:128 Resp: 3676529

Ion Ratio Lower Upper

128 100

129 12.5 9.3 13.9

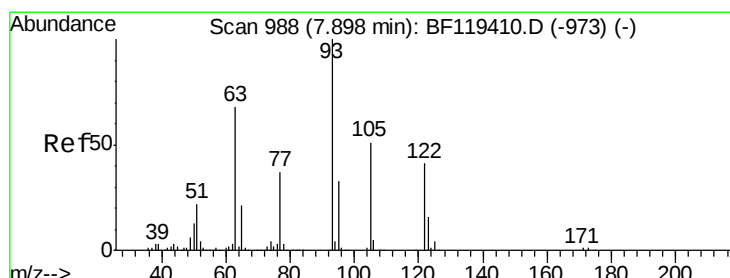
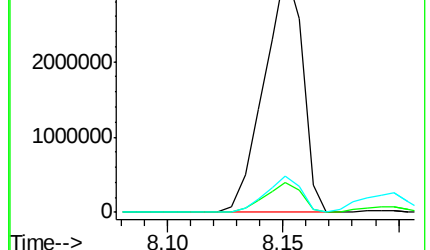
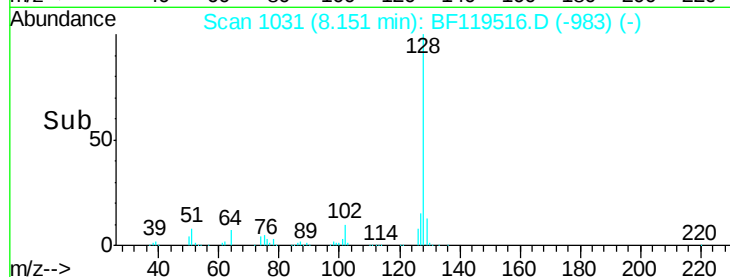
127 14.7 11.0 16.4



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: 59.43 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

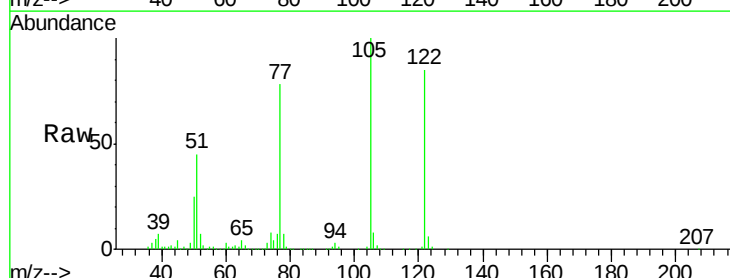
Tgt Ion:122 Resp: 870655

Ion Ratio Lower Upper

122 100

105 117.2 102.9 142.9

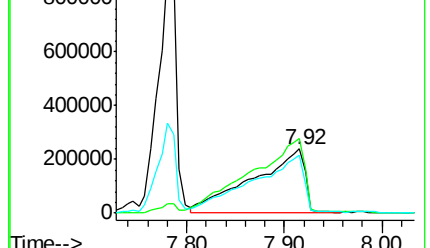
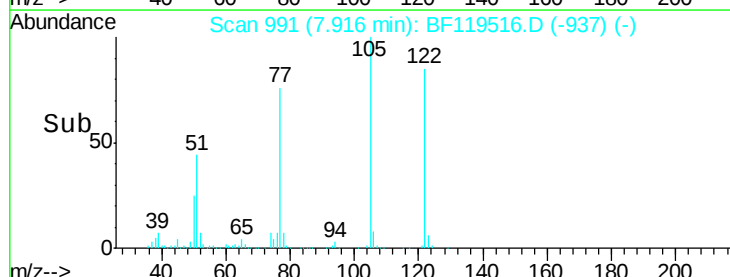
77 91.1 70.1 110.1

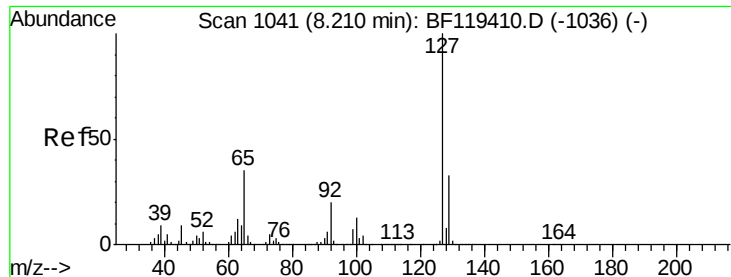


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

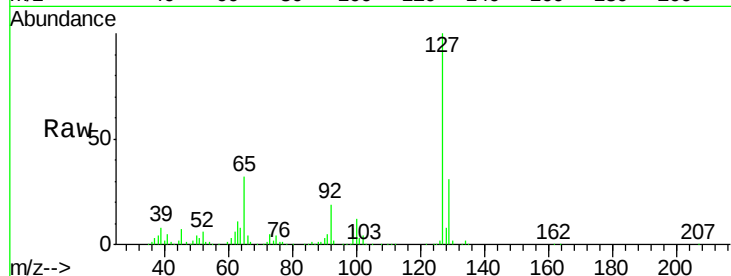




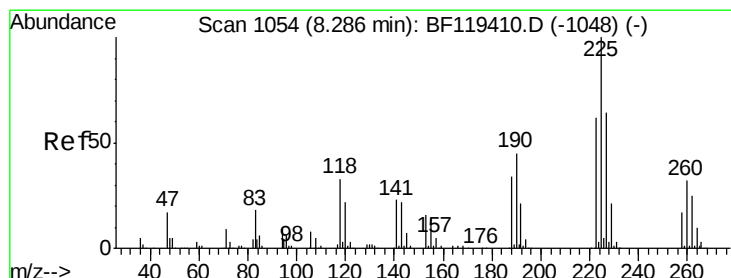
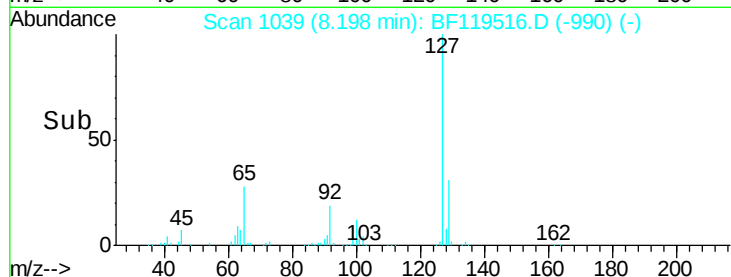
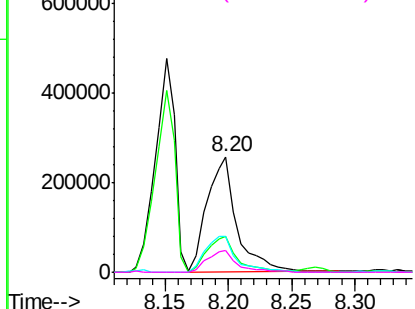
#33
4-Chloroaniline
Concen: 12.46 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:	127	Resp:	417870
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.4
65	31.6	27.7	41.5
92	18.8	15.8	23.6

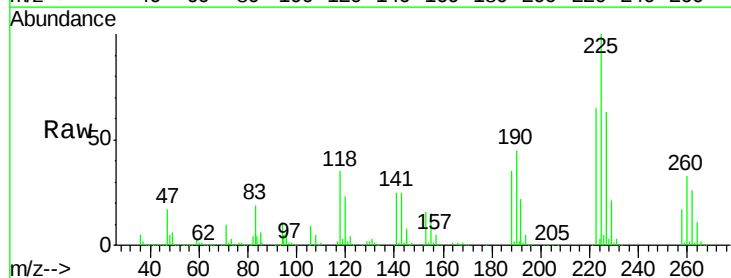


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

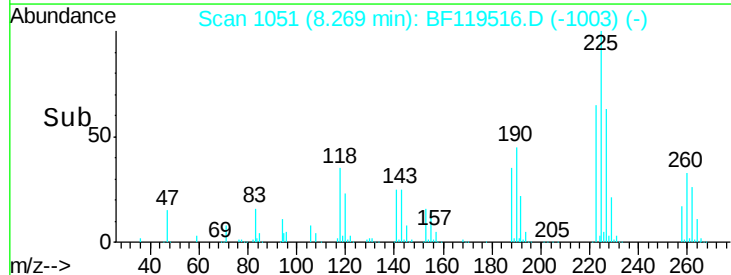
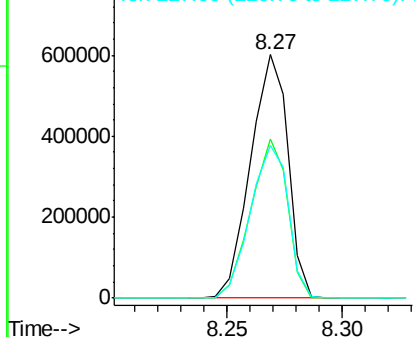


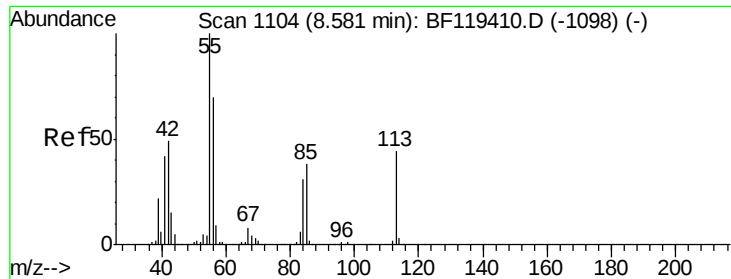
#34
Hexachlorobutadiene
Concen: 52.57 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:	225	Resp:	680675
Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.2	73.8
227	62.9	51.1	76.7



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

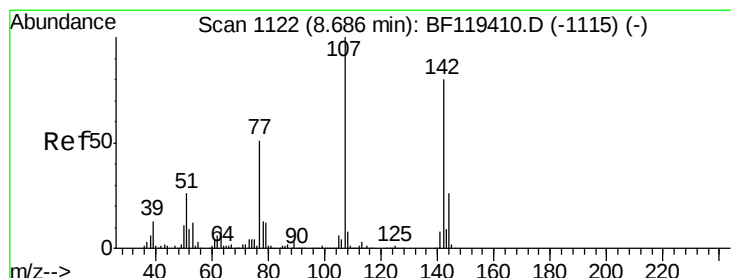
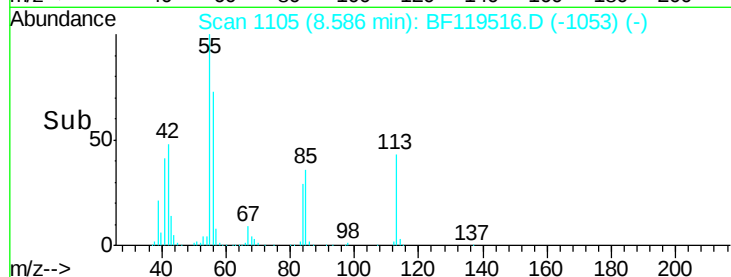
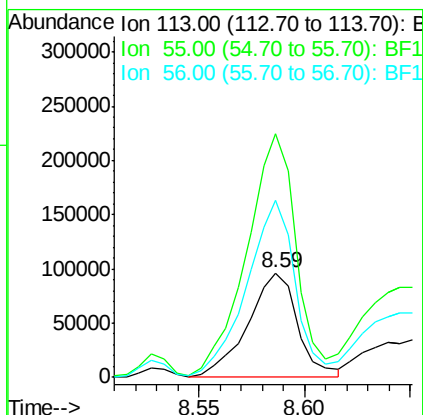
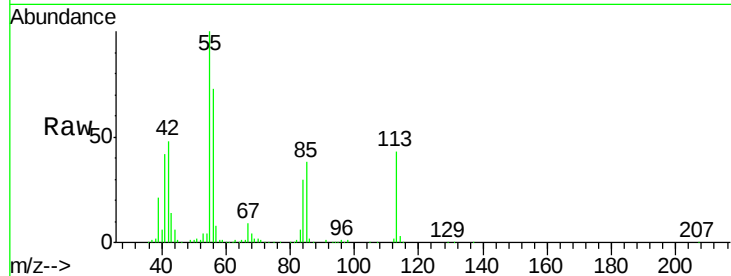




#35
 Caprolactam
 Concen: 22.73 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

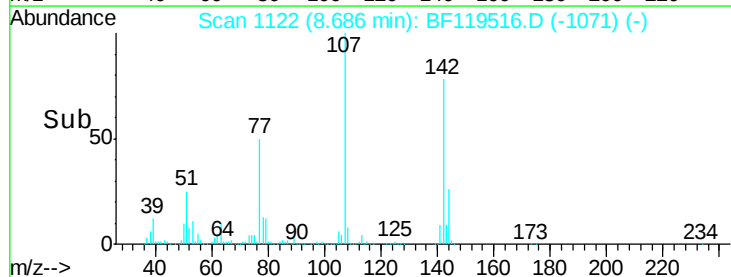
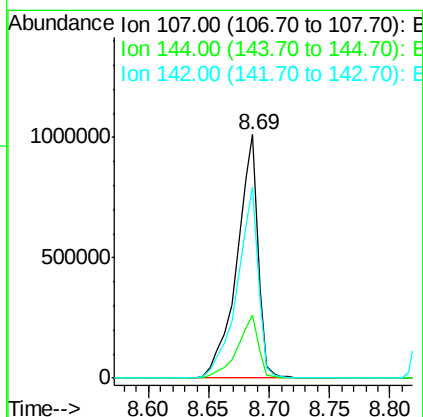
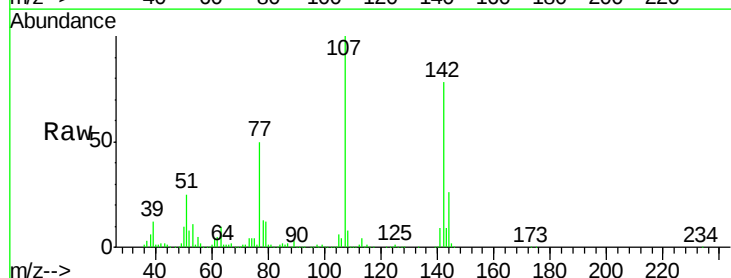
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

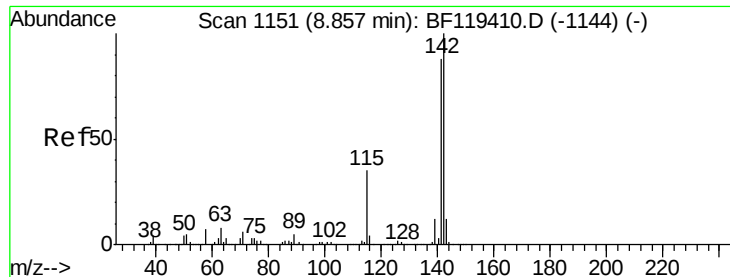
Tgt Ion:113 Resp: 155648
 Ion Ratio Lower Upper
 113 100
 55 233.7 208.4 248.4
 56 170.5 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.05 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:107 Resp: 1236141
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 78.5 63.8 95.6

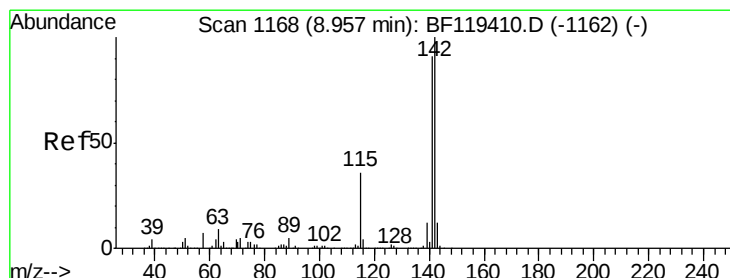
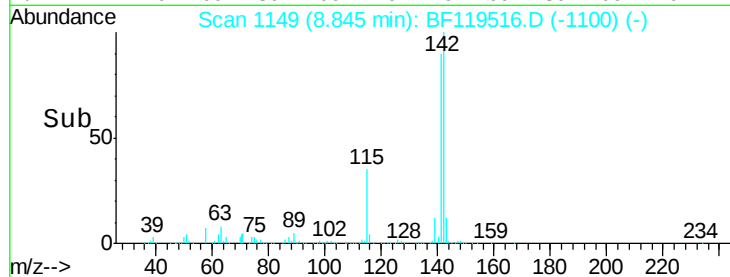
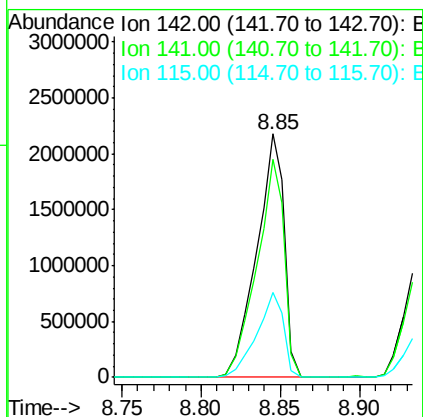
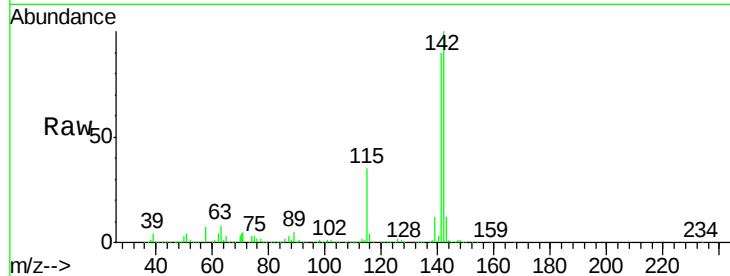




#37
 2-Methylnaphthalene
 Concen: 54.96 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

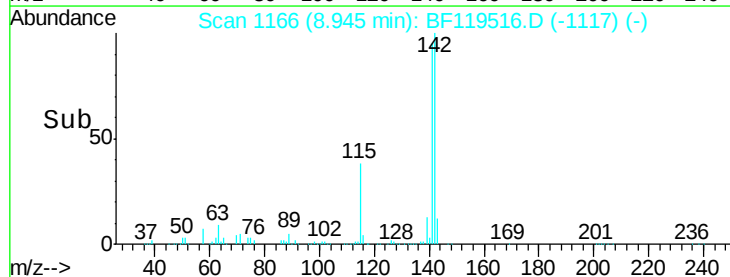
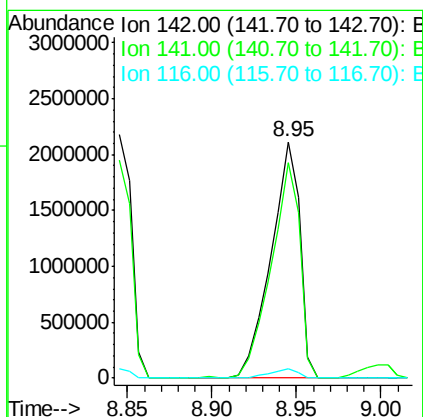
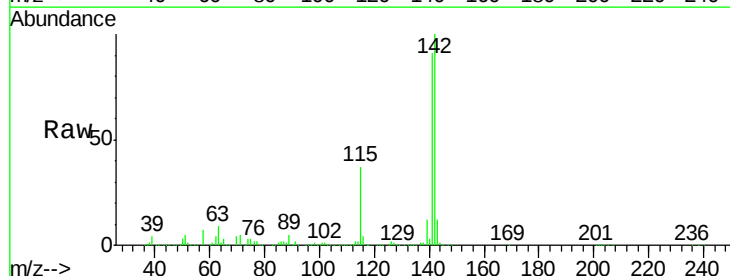
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

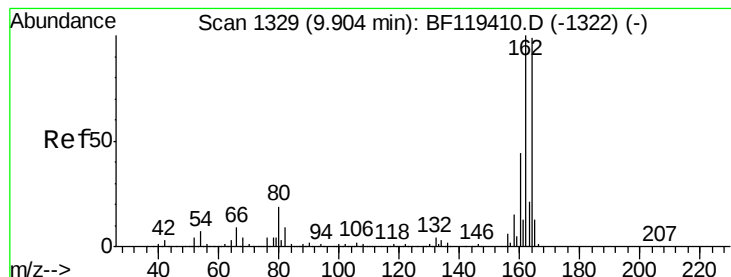
Tgt Ion:142 Resp: 2640780
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.4 105.6
 115 35.1 27.8 41.6



#38
 1-Methylnaphthalene
 Concen: 55.10 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:142 Resp: 2505631
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.1 109.7
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

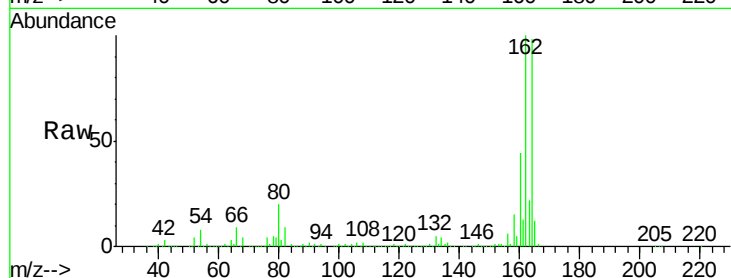
Tgt Ion:164 Resp: 751500

Ion Ratio Lower Upper

164 100

162 102.3 80.7 121.1

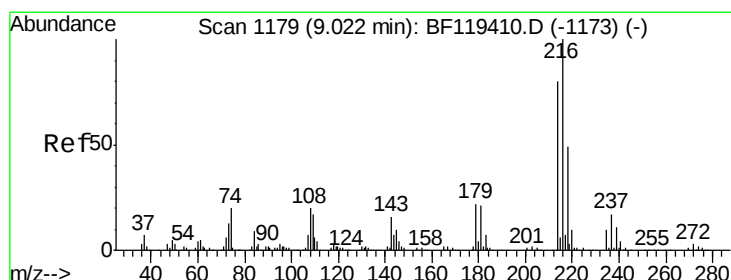
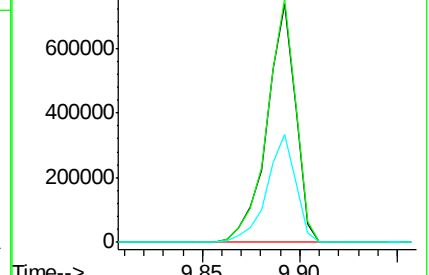
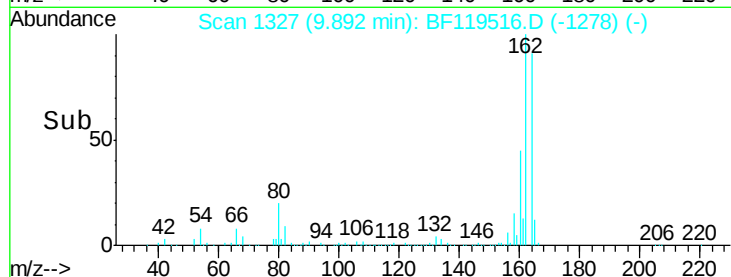
160 45.4 35.5 53.3



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: 50.60 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion:216 Resp: 1114541

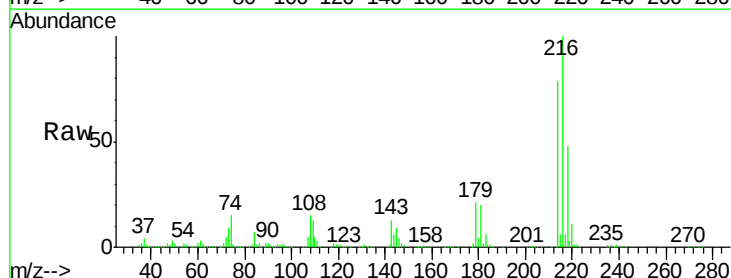
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 21.6 17.0 25.4

108 21.1 15.4 23.0

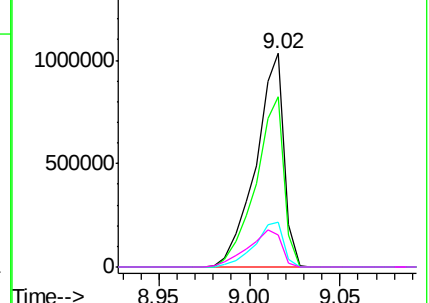
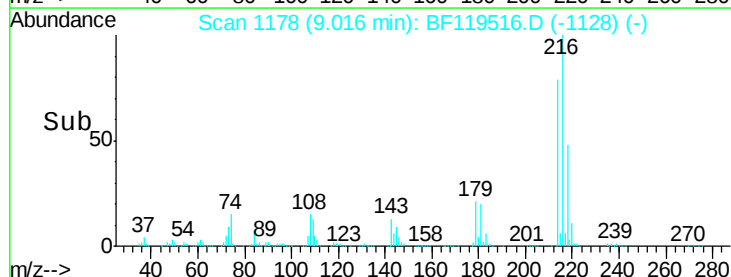


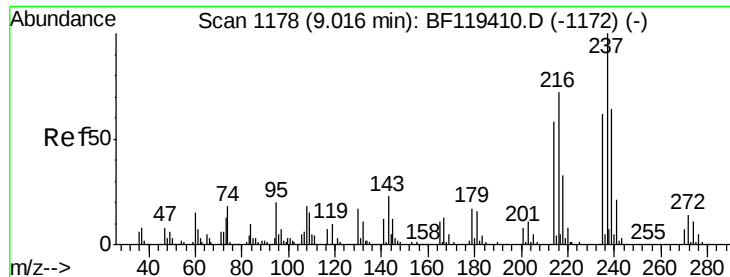
Abundance Ion 216.00 (215.70 to 216.70): E

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

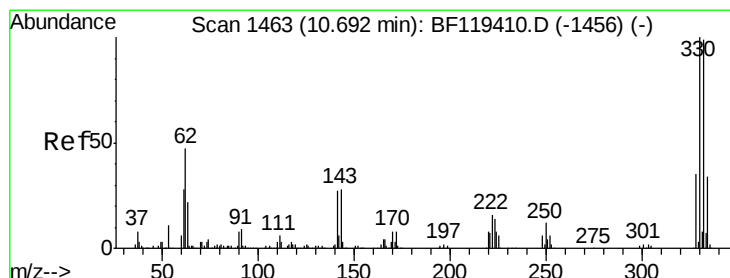
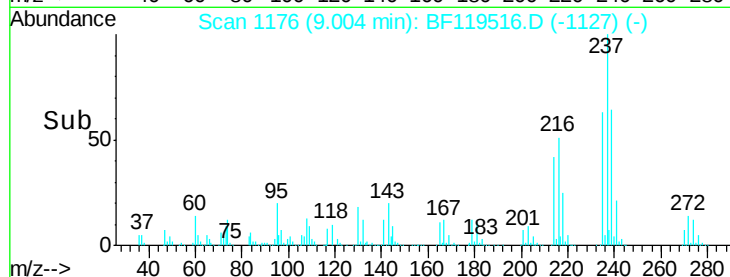
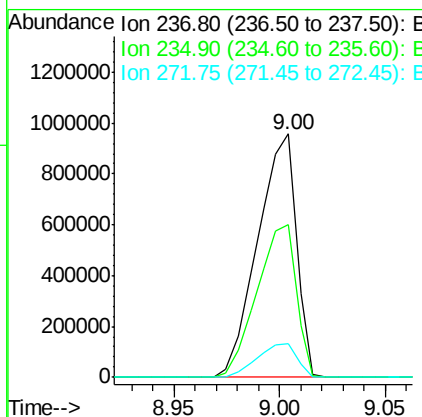
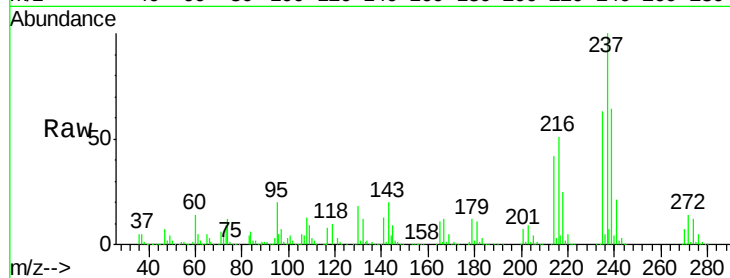




#41
Hexachlorocyclopentadiene
Concen: 97.23 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

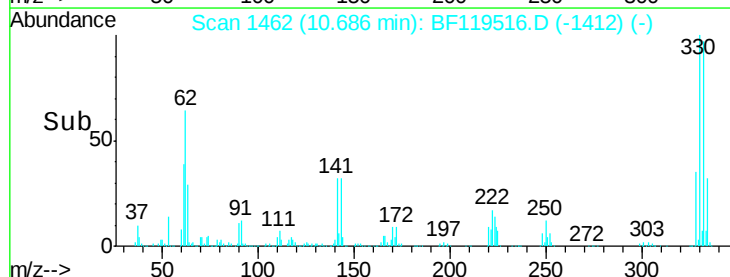
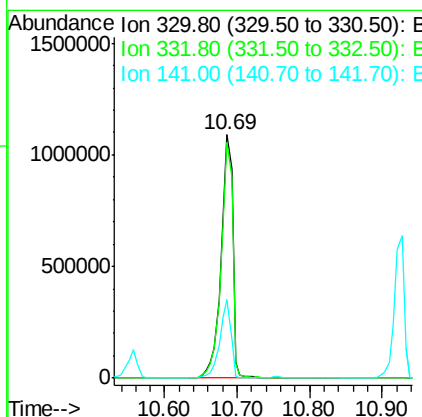
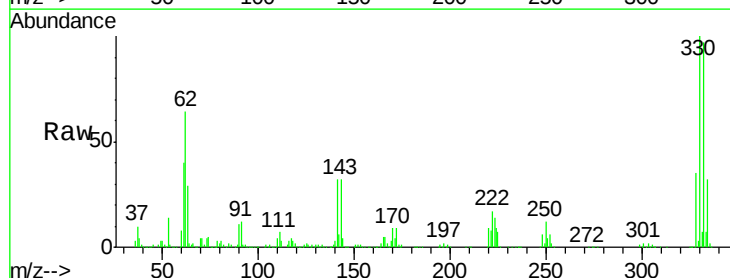
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

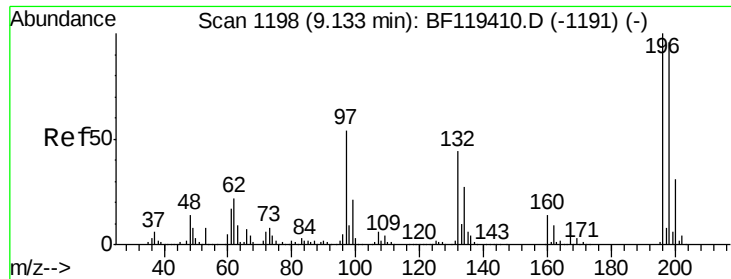
Tgt Ion:237 Resp: 1217578
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 14.1 0.0 34.3



#42
2,4,6-Tribromophenol
Concen: 158.60 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:330 Resp: 1229591
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 30.7 26.6 40.0

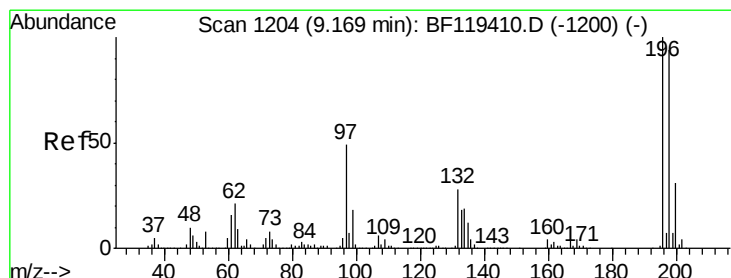
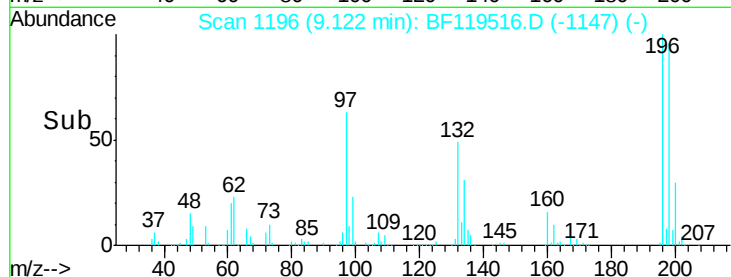
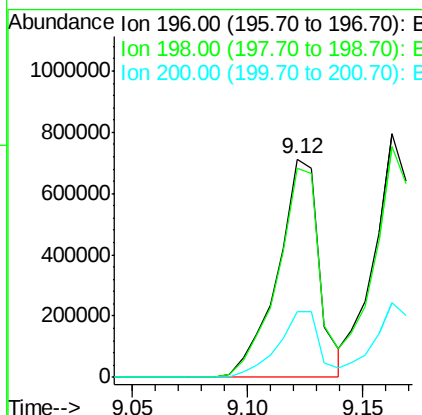
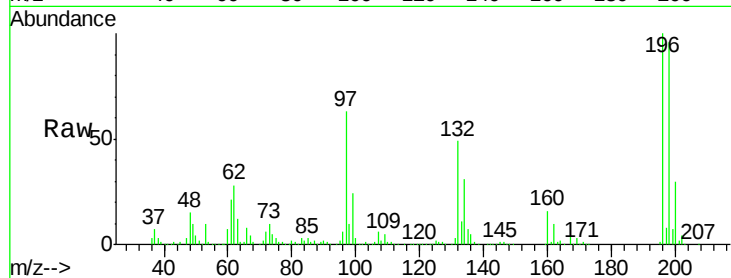




#43
 2,4,6-Trichlorophenol
 Concen: 56.53 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

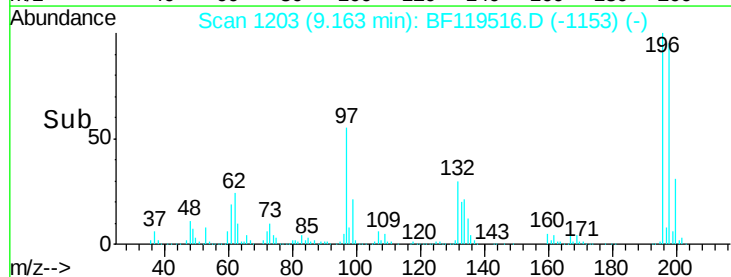
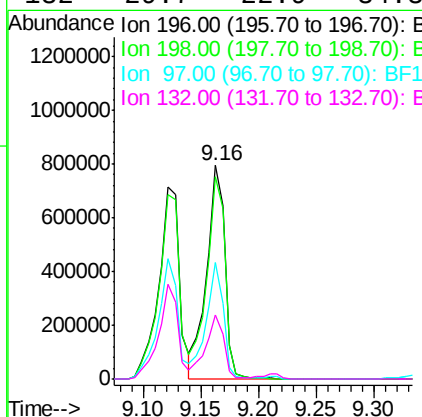
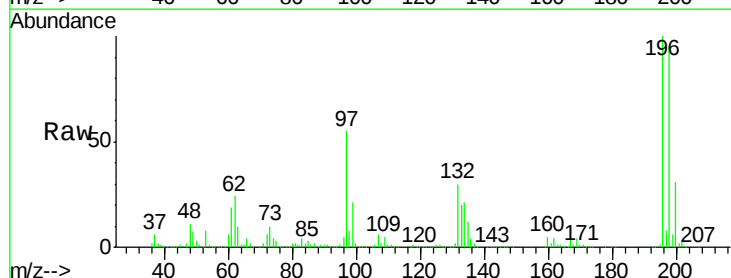
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

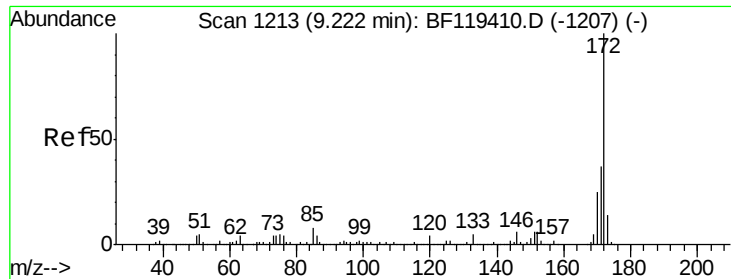
Tgt Ion:196 Resp: 891104
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.0 115.4
 200 30.0 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 49.68 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:196 Resp: 877250
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.3 112.9
 97 54.6 39.0 58.4
 132 29.7 22.9 34.3

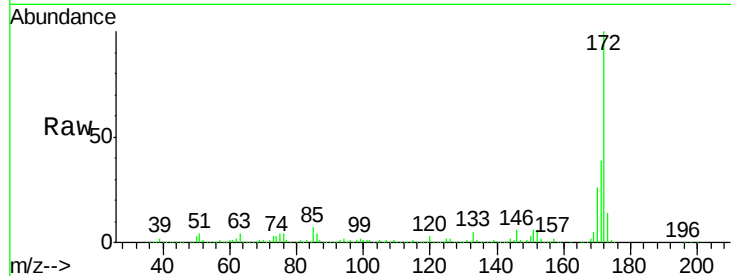




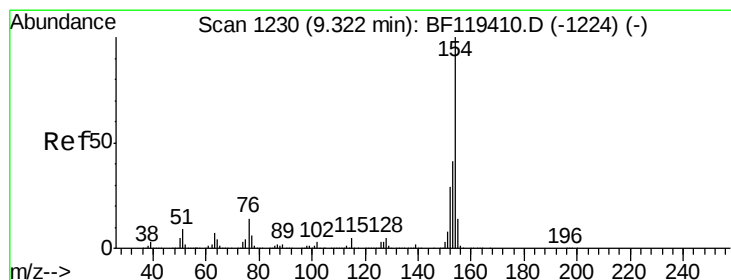
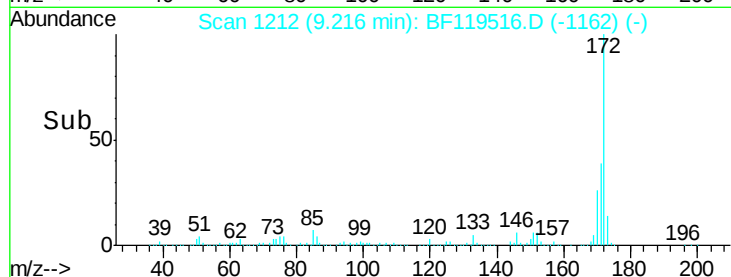
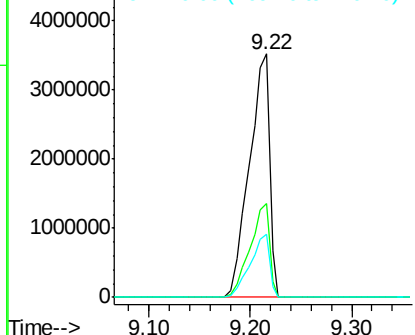
#45
 2-Fluorobiphenyl
 Concen: 95.73 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tgt Ion:172 Resp: 4855809
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.9 44.9
 170 26.2 20.1 30.1

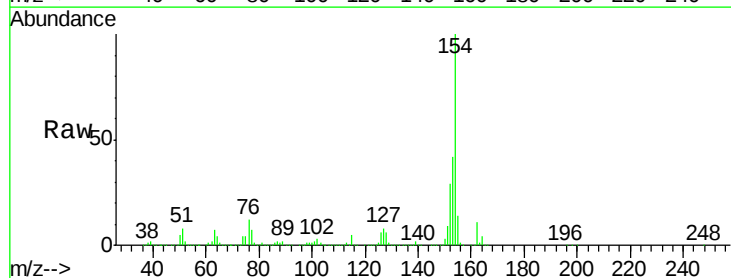


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

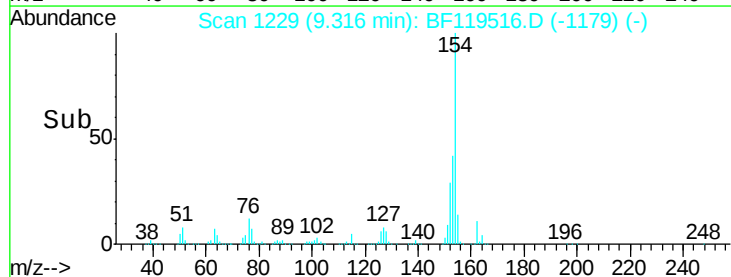
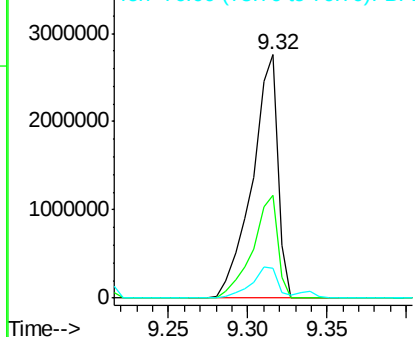


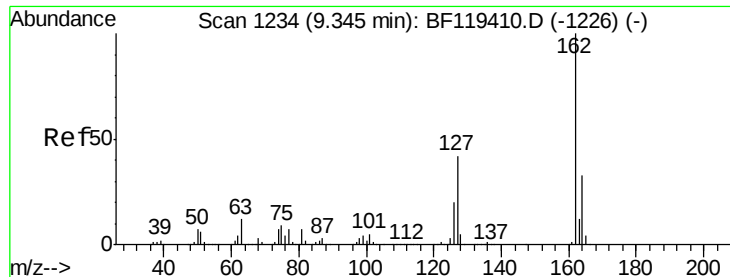
#46
 1,1'-Biphenyl
 Concen: 50.92 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:154 Resp: 3116520
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.4 61.4
 76 12.4 0.0 33.6



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

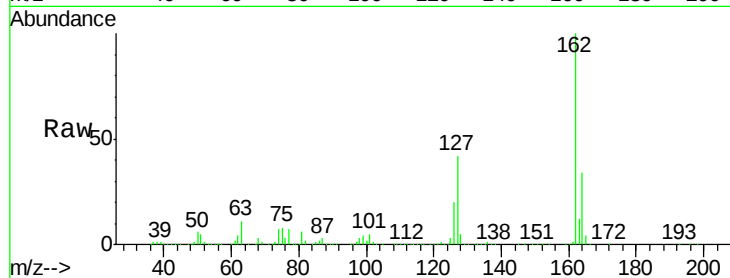




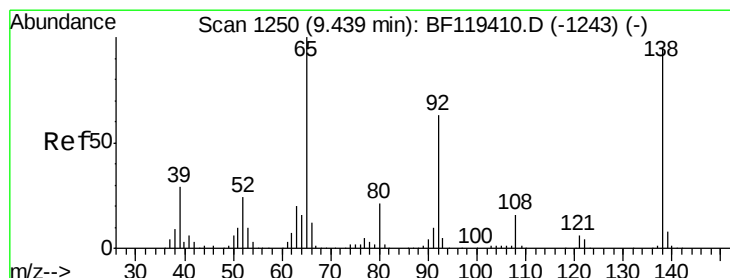
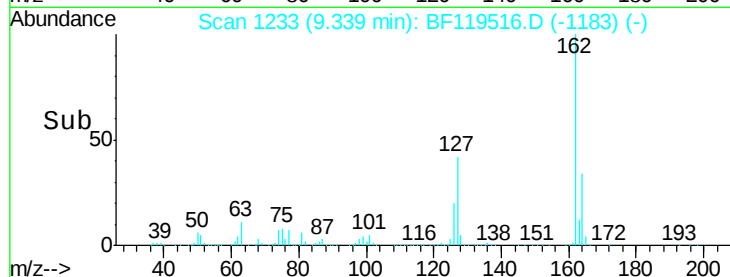
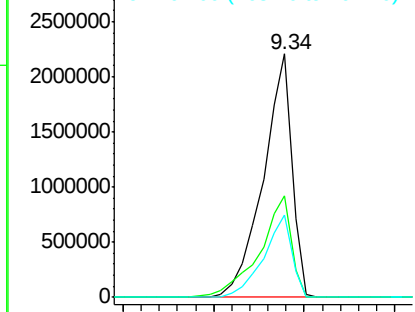
#47
 2-Chloronaphthalene
 Concen: 50.53 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tgt Ion: 162 Resp: 2422480
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.7 50.5
 164 33.6 26.2 39.4

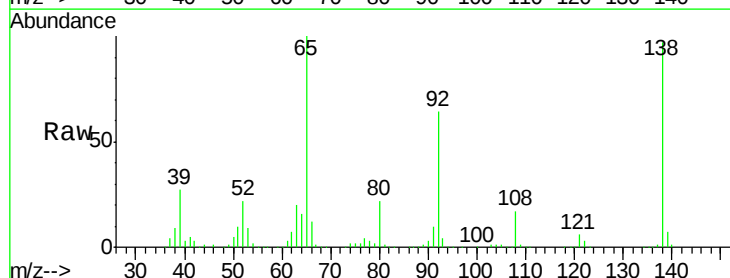


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

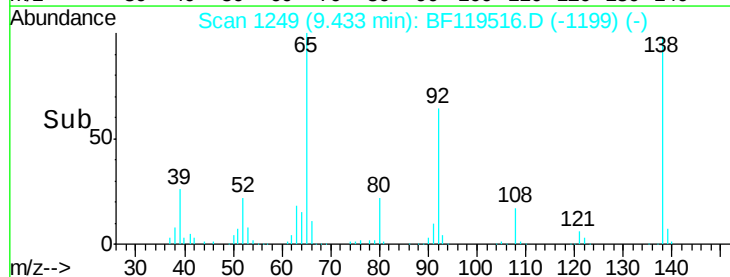
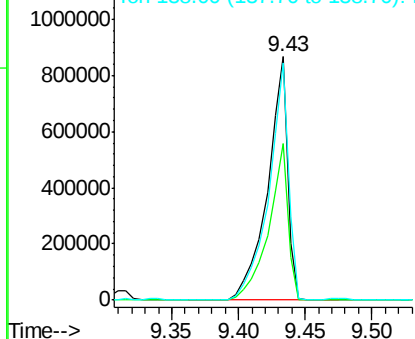


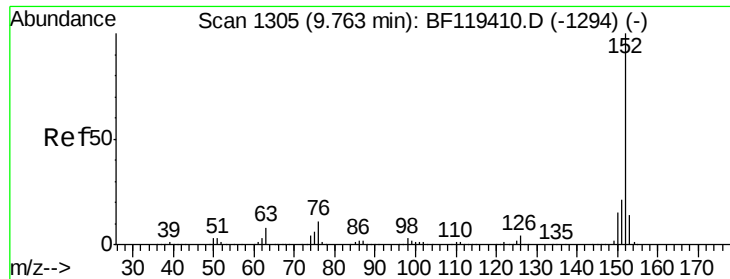
#48
 2-Nitroaniline
 Concen: 54.65 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion: 65 Resp: 904360
 Ion Ratio Lower Upper
 65 100
 92 64.1 50.5 75.7
 138 97.4 75.8 113.8



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: 49.73 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

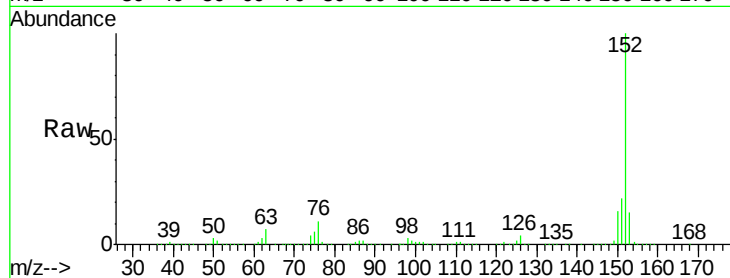
Tgt Ion:152 Resp: 3744223

Ion Ratio Lower Upper

152 100

151 22.1 16.8 25.2

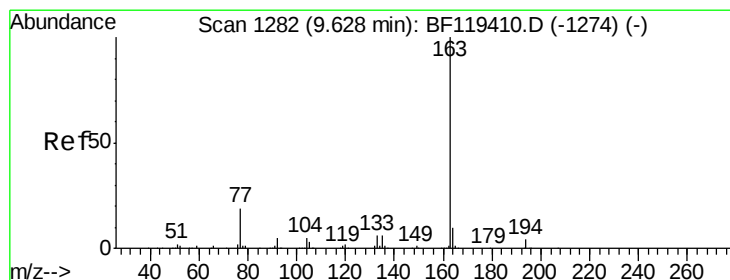
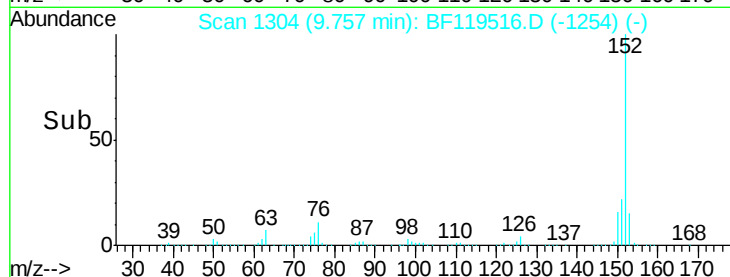
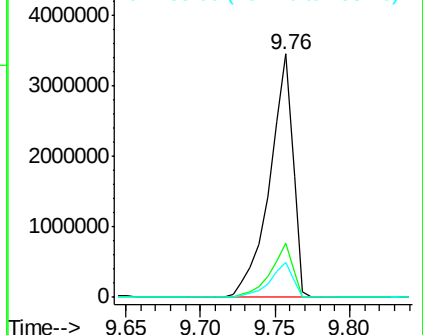
153 14.6 11.2 16.8



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: 58.65 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

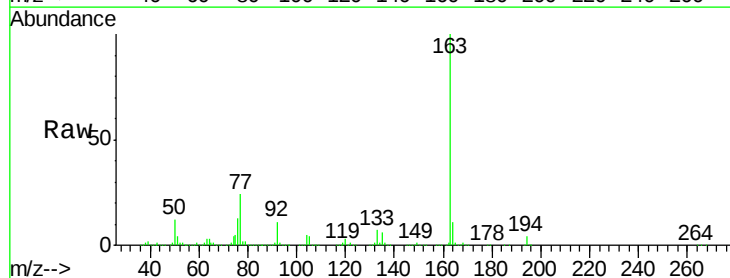
Tgt Ion:163 Resp: 3130626

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

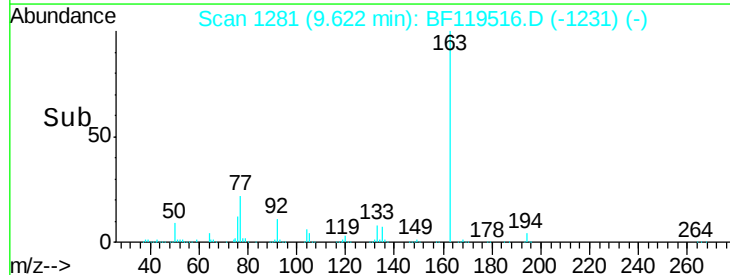
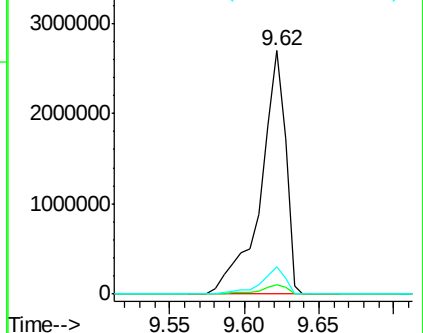
164 11.0 8.1 12.1

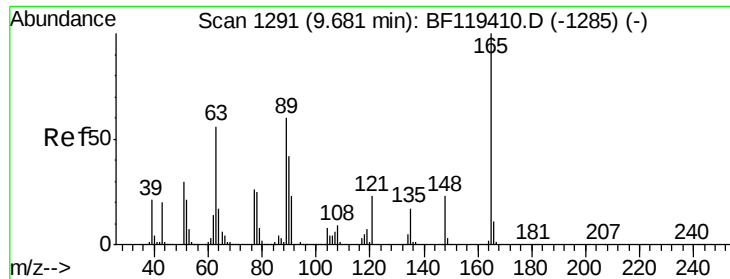


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

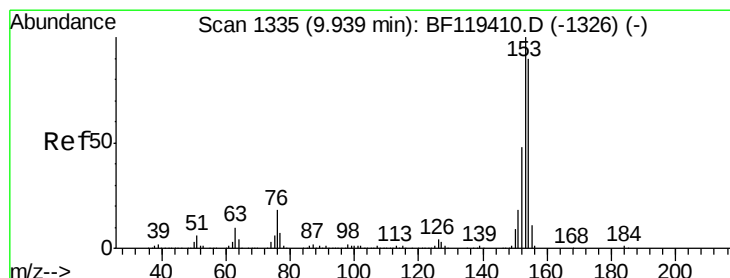
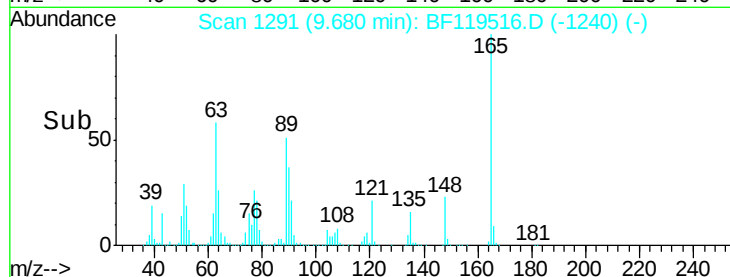
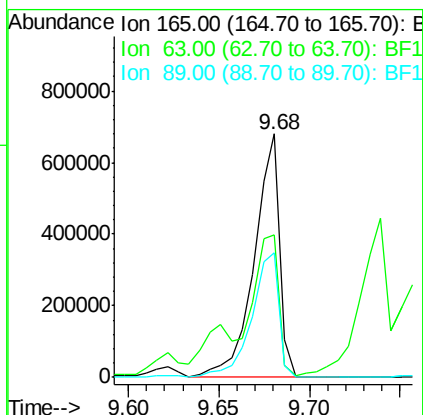
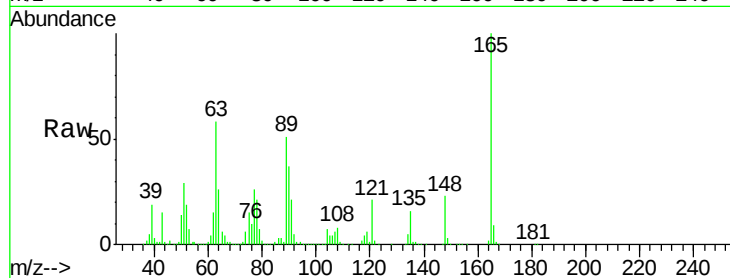




#51
2,6-Dinitrotoluene
Concen: 57.98 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

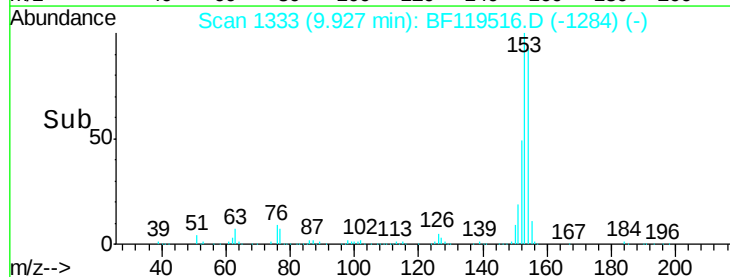
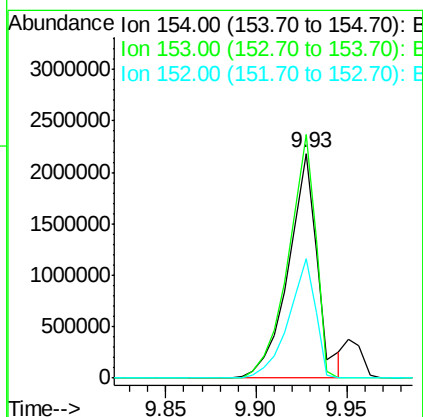
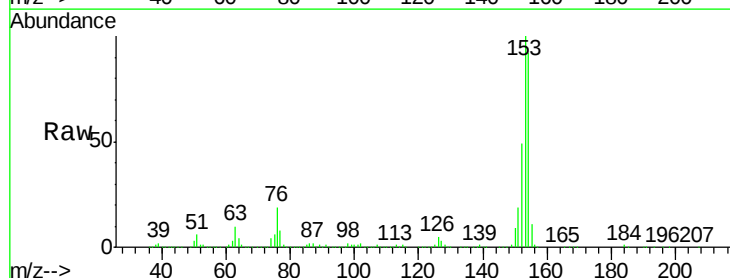
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:165 Resp: 663378
Ion Ratio Lower Upper
165 100
63 58.3 57.3 85.9
89 51.1 47.8 71.8



#52
Acenaphthene
Concen: 52.04 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:154 Resp: 2442525
Ion Ratio Lower Upper
154 100
153 108.5 89.0 133.6
152 53.3 43.1 64.7

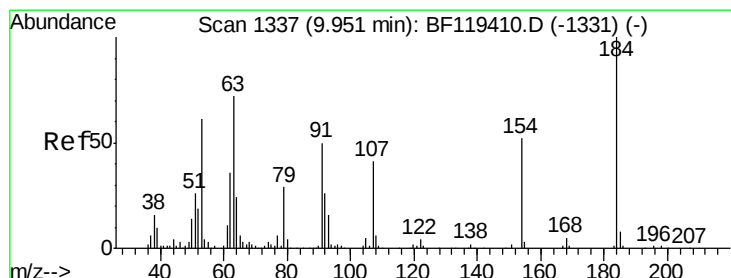
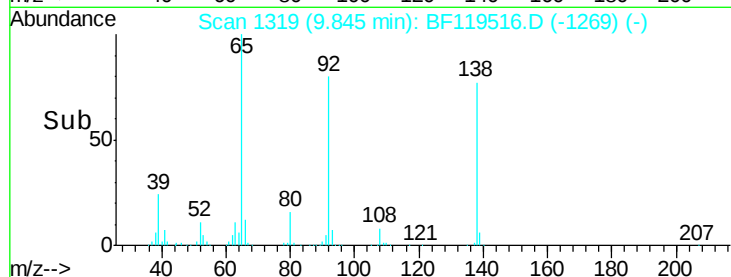
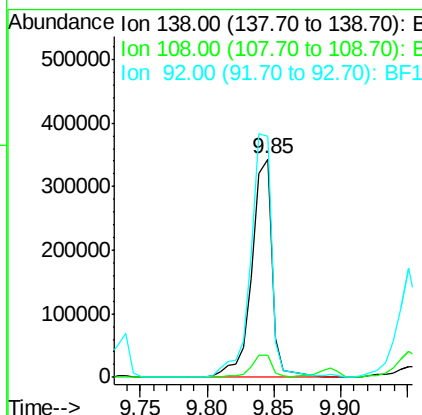
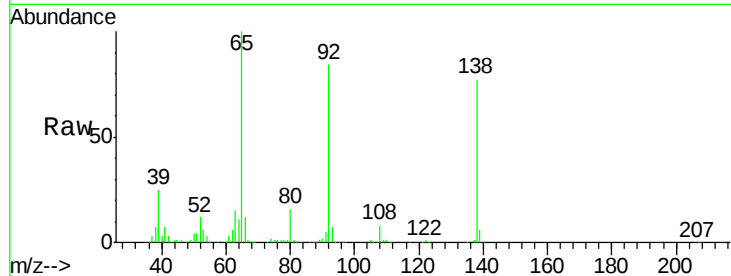




#53
3-Nitroaniline
Concen: 24.82 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

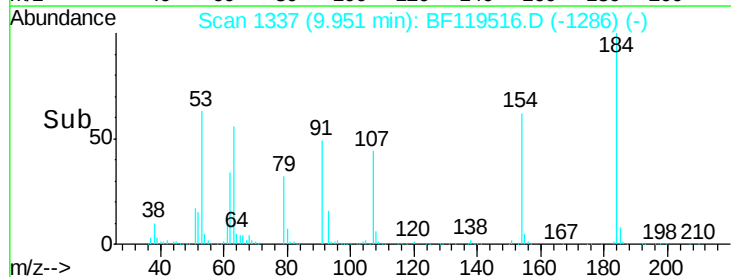
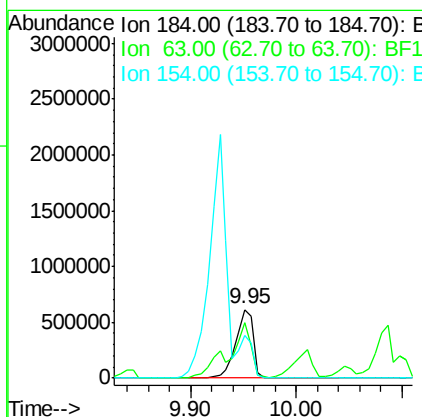
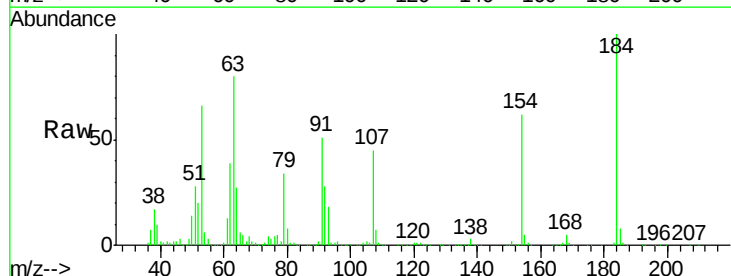
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

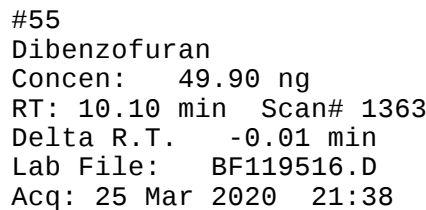
Tgt Ion:138 Resp: 358573
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.6
92 110.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 134.65 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

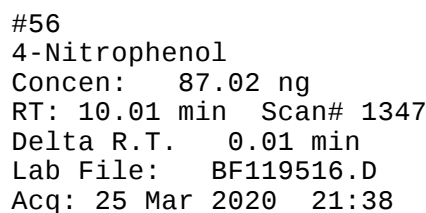
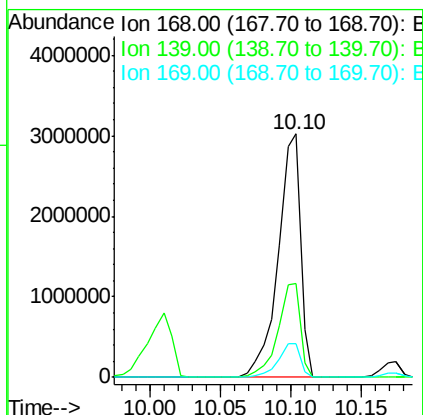
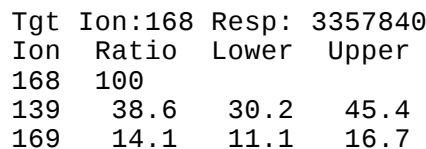
Tgt Ion:184 Resp: 693697
Ion Ratio Lower Upper
184 100
63 79.9 58.5 87.7
154 62.0 51.8 77.6



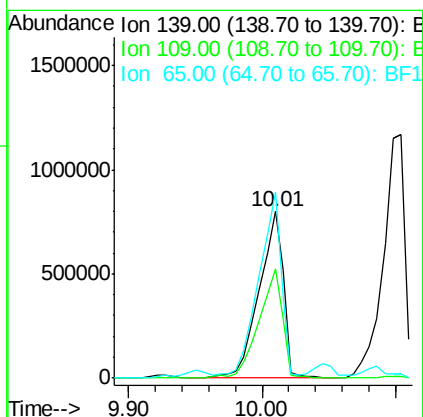


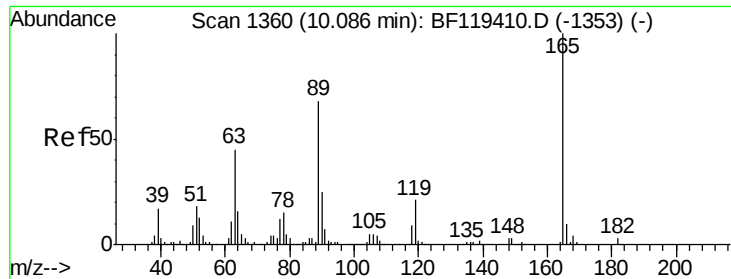
Instrument :
BNA_F

ClientSampleId :
NB-08-032420MS



Tgt	Ion:139	Resp:	991567
Ion	Ratio	Lower	Upper
139	100		
109	65.7	39.6	79.6
65	111.6	78.3	118.3

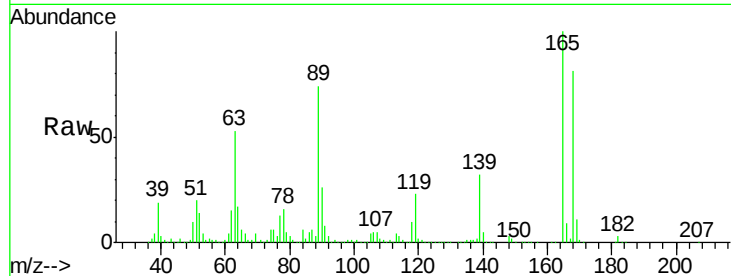




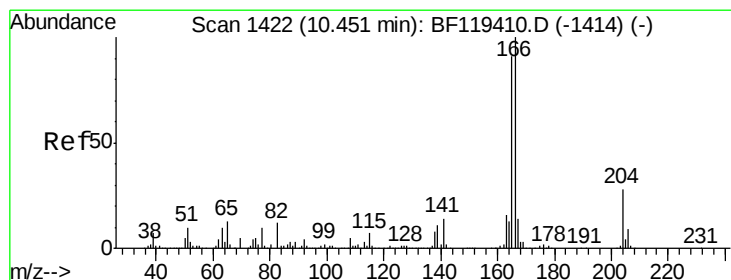
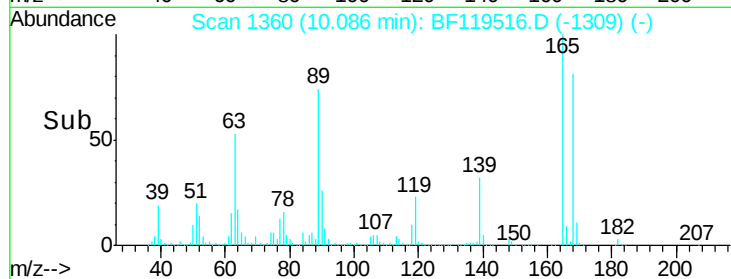
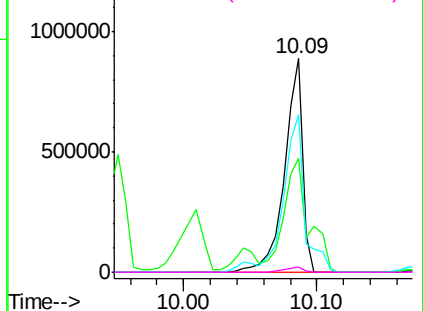
#57
2,4-Dinitrotoluene
Concen: 58.80 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:165 Resp: 847548
Ion Ratio Lower Upper
165 100
63 53.4 36.2 54.4
89 73.8 54.3 81.5
182 2.7 2.0 3.0

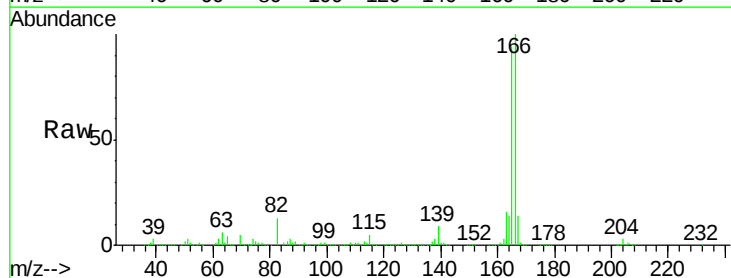


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

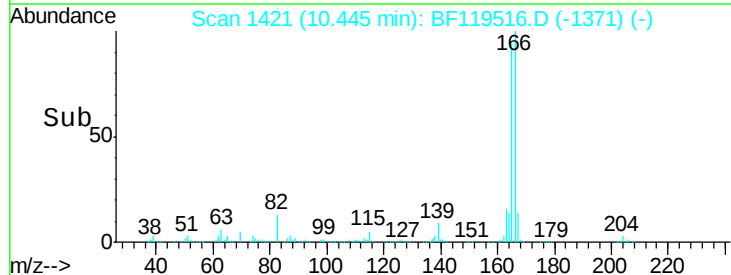
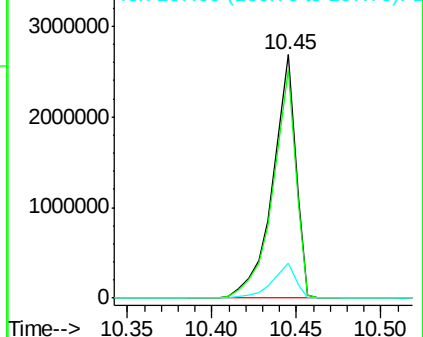


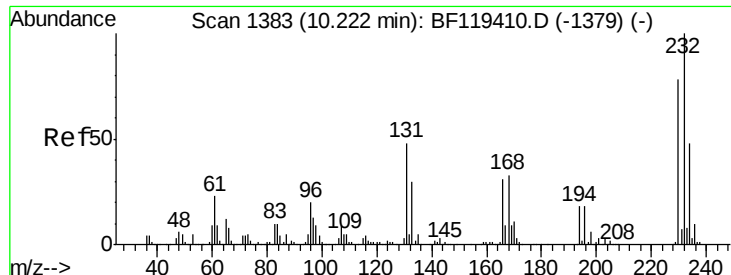
#58
Fluorene
Concen: 51.22 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:166 Resp: 2548695
Ion Ratio Lower Upper
166 100
165 93.7 73.1 109.7
167 14.2 11.0 16.6



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

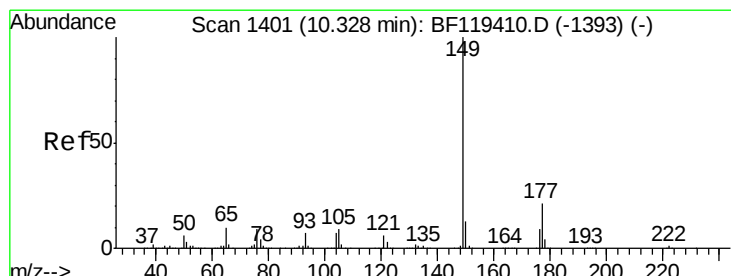
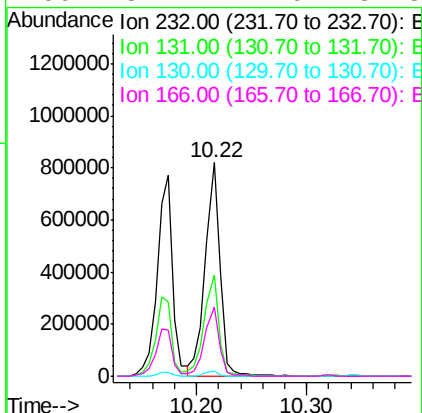
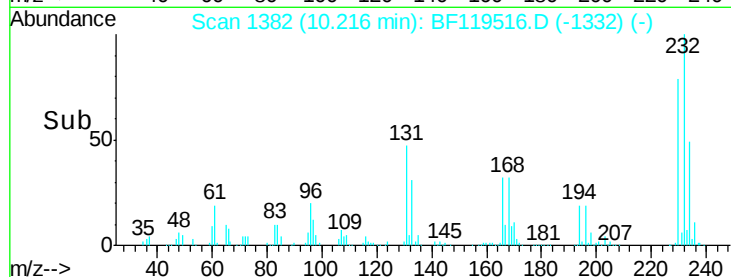
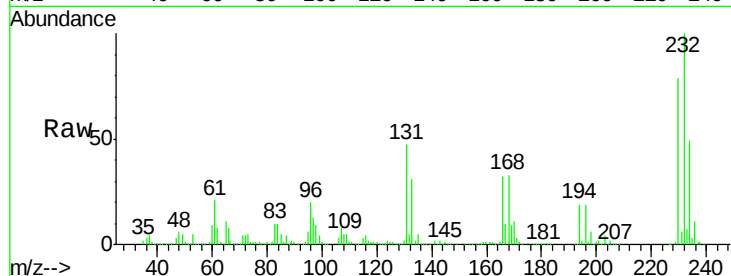




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.07 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

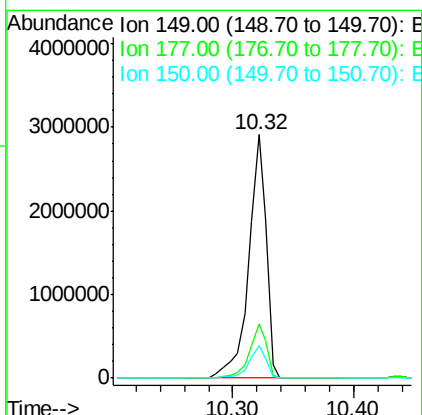
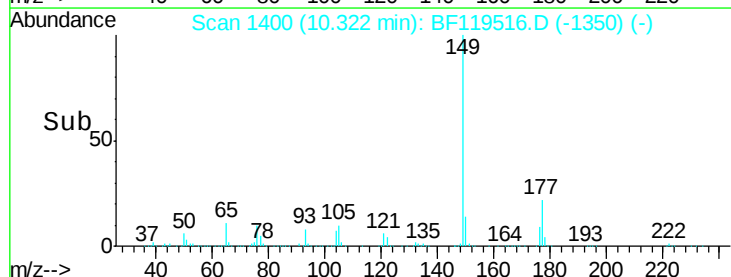
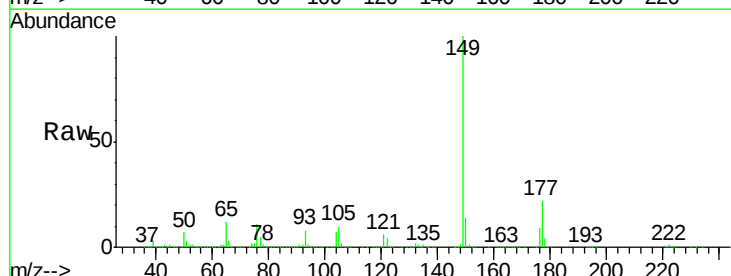
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

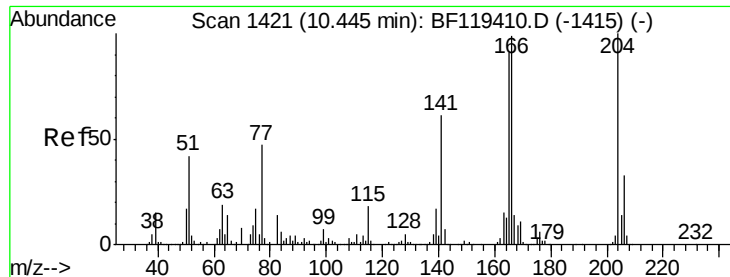
Tgt Ion:	232	Resp:	740027
Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.3	54.5
130	2.2	1.8	2.6
166	32.1	24.9	37.3



#60
 Diethylphthalate
 Concen: 54.34 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:	149	Resp:	2943992
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	13.6	10.2	15.4

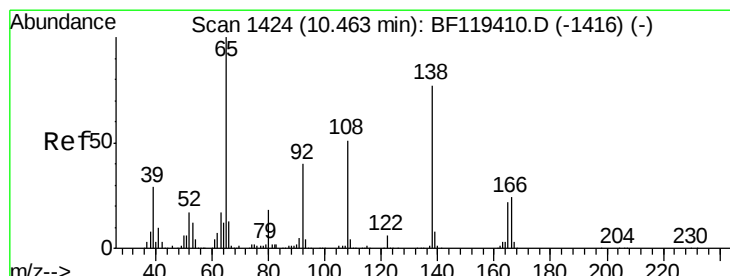
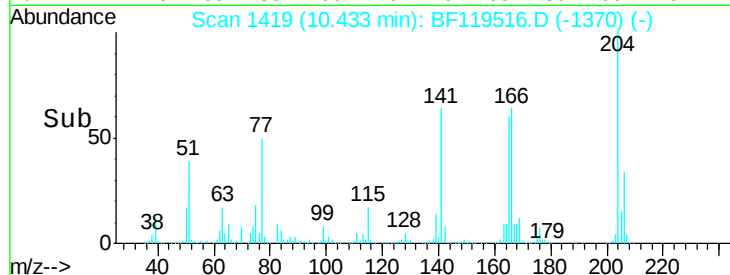
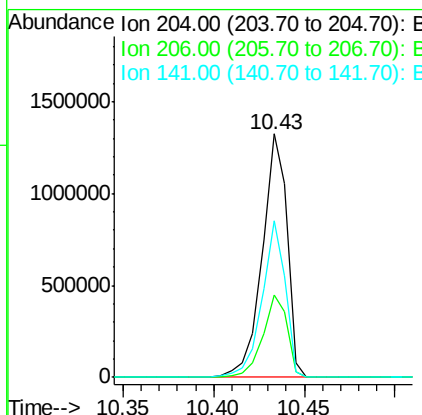
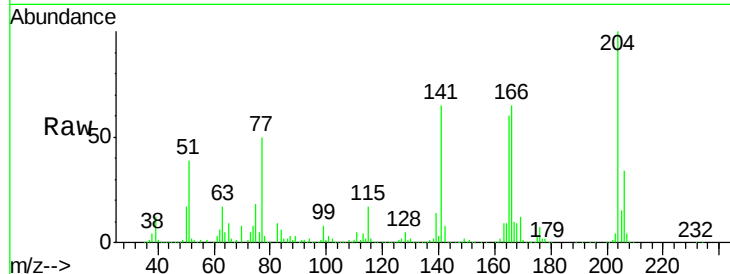




#61
4-Chlorophenyl-phenylether
Concen: 51.86 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

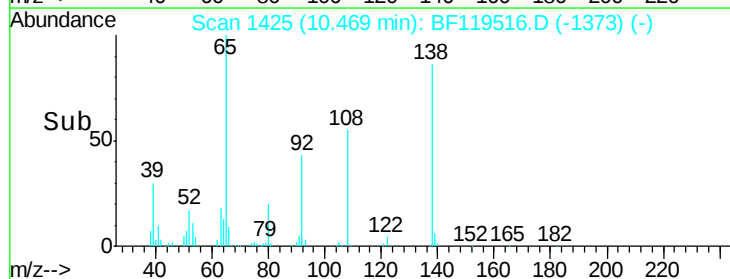
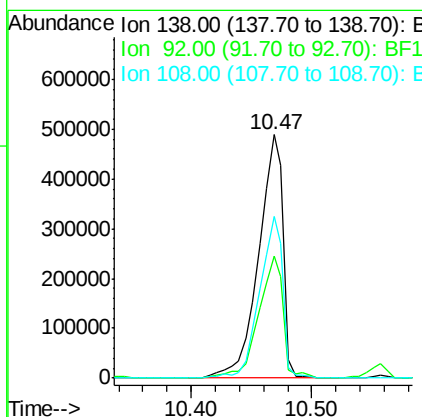
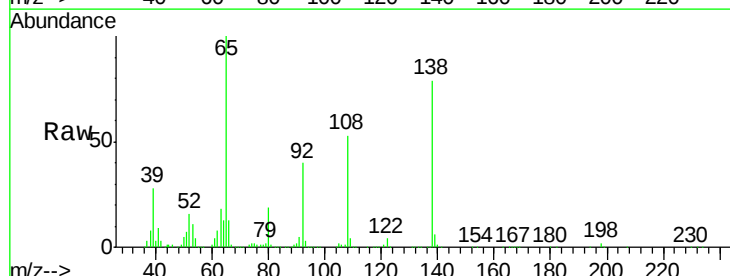
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

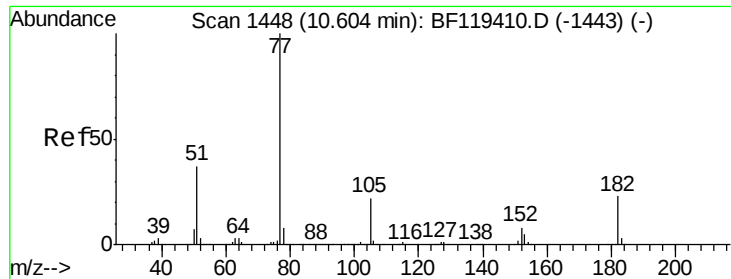
Tgt Ion:204 Resp: 1261904
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 64.5 48.8 73.2



#62
4-Nitroaniline
Concen: 49.52 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:138 Resp: 685955
Ion Ratio Lower Upper
138 100
92 49.9 32.0 72.0
108 66.5 46.0 86.0

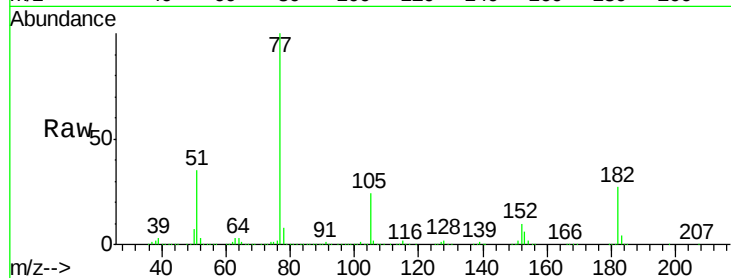




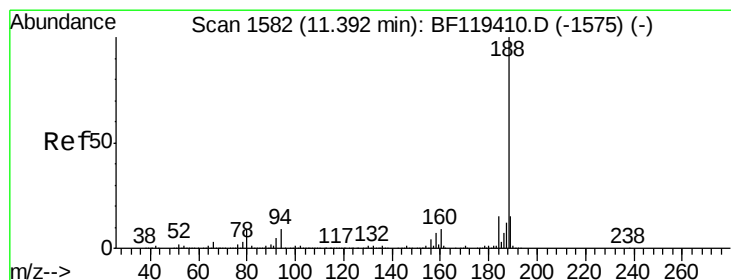
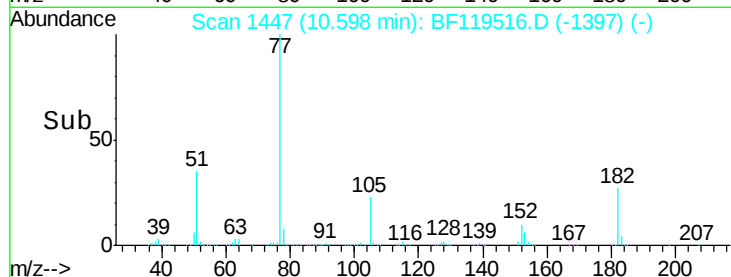
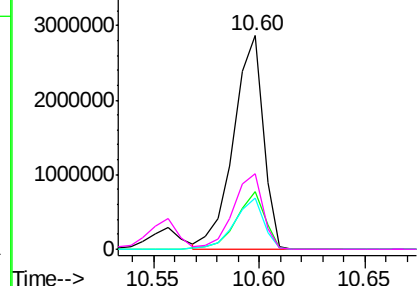
#63
Azobenzene
Concen: 51.01 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion: 77 Resp: 2783156
Ion Ratio Lower Upper
77 100
182 26.8 2.5 42.5
105 24.1 2.5 42.5
51 35.4 17.1 57.1

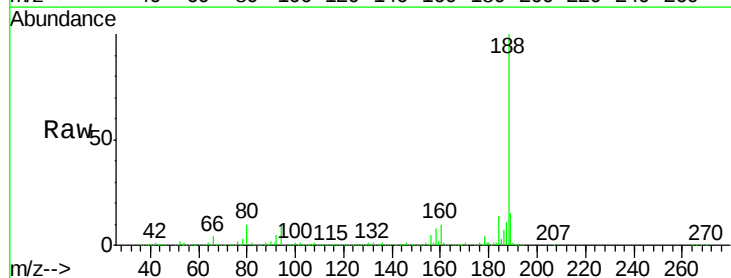


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

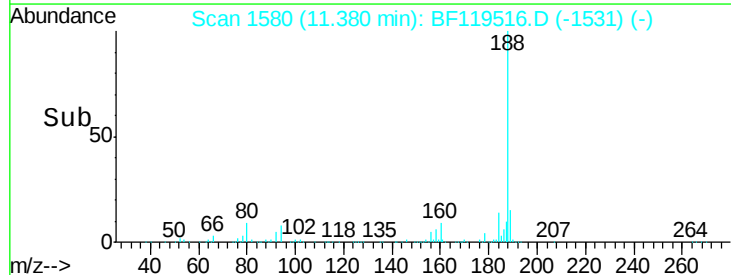
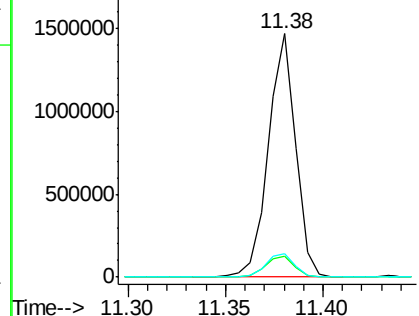


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion: 188 Resp: 1420900
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.6 7.5 11.3



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

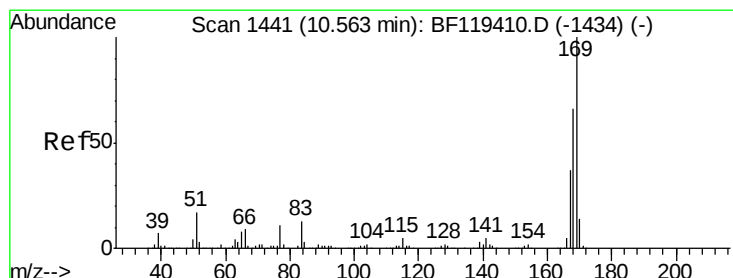
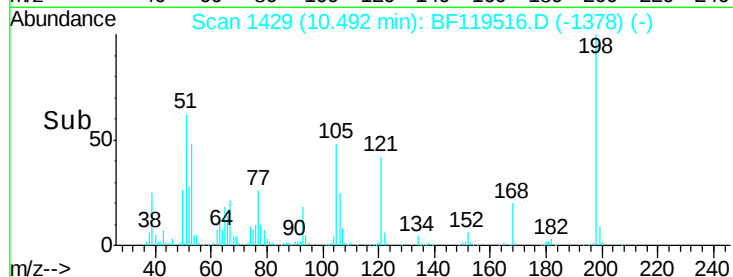
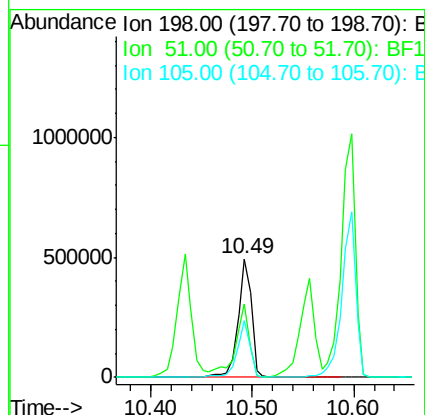
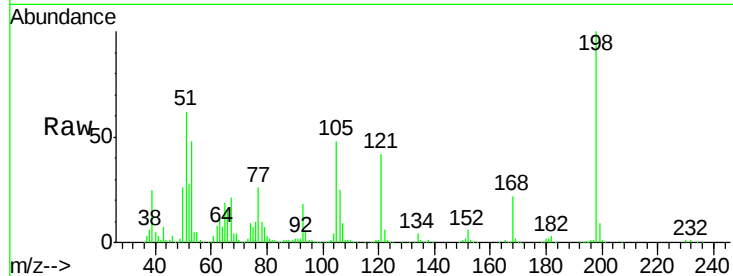




#65
 4,6-Dinitro-2-methylphenol
 Concen: 75.98 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

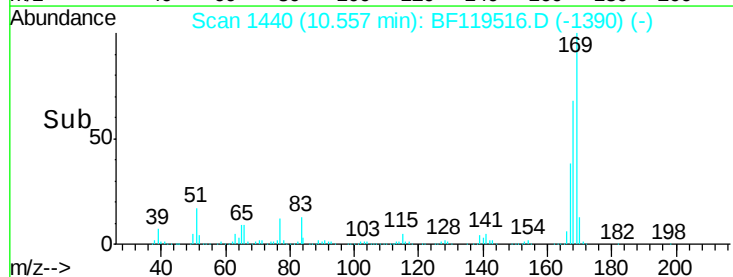
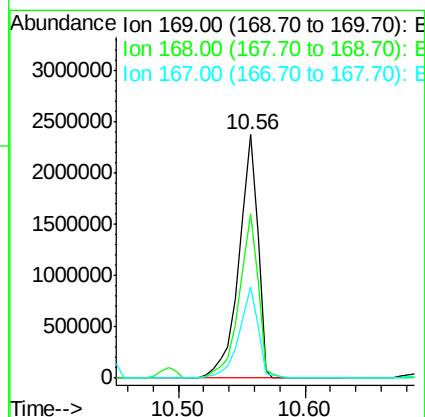
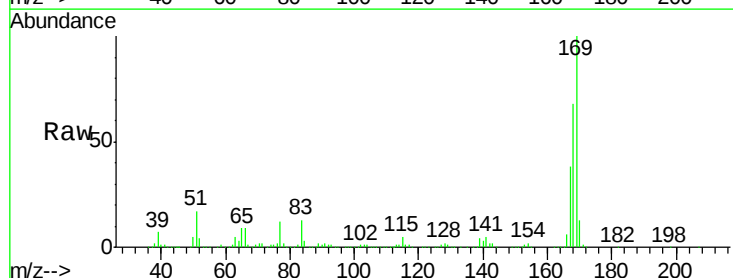
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

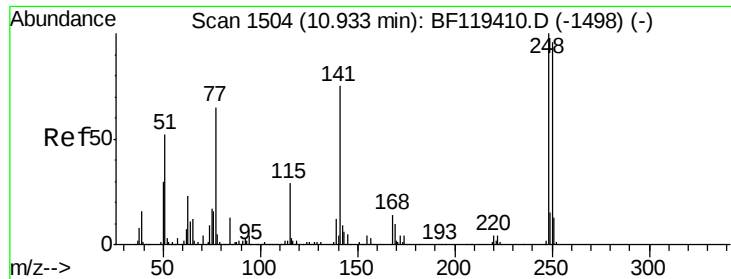
Tgt Ion:198 Resp: 452723
 Ion Ratio Lower Upper
 198 100
 51 61.6 33.1 73.1
 105 48.1 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 51.77 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:169 Resp: 2414741
 Ion Ratio Lower Upper
 169 100
 168 67.6 52.7 79.1
 167 37.6 29.3 43.9

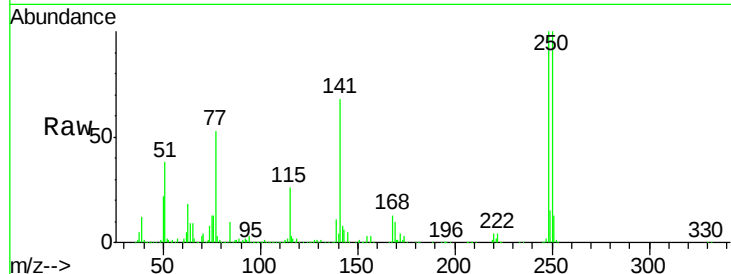




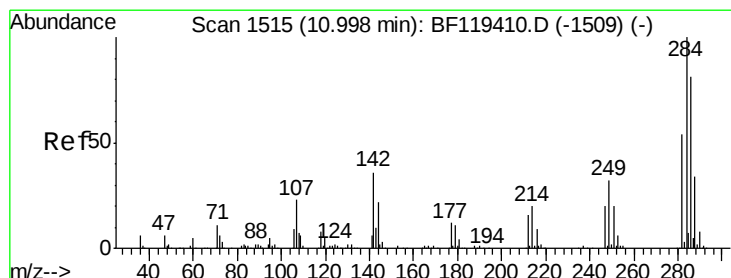
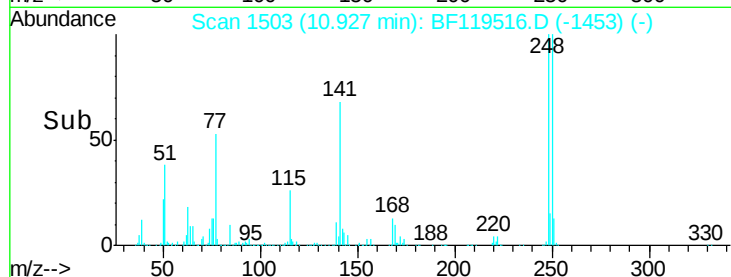
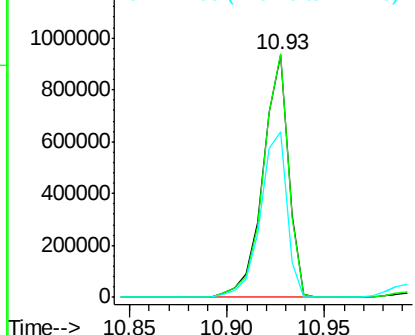
#67
4-Bromophenyl-phenylether
Concen: 52.53 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:248 Resp: 849984
Ion Ratio Lower Upper
248 100
250 100.2 77.0 115.6
141 68.1 59.7 89.5

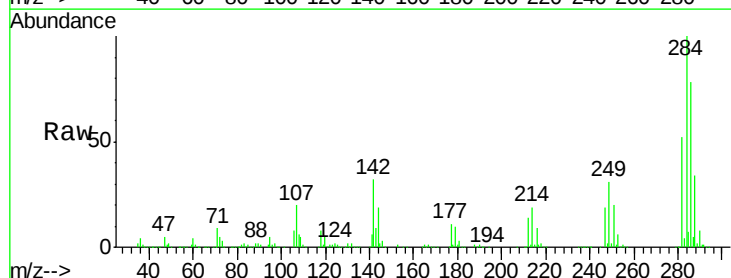


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

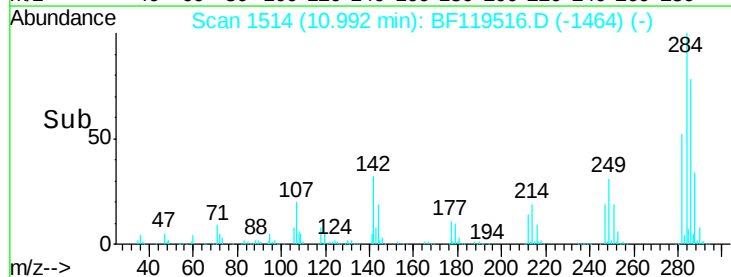
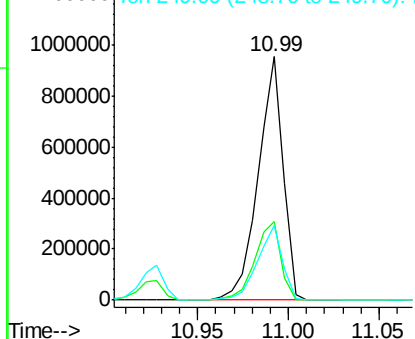


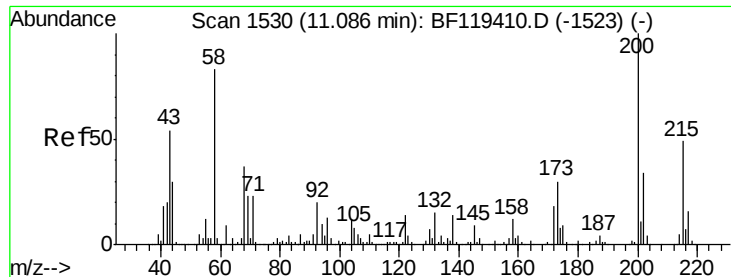
#68
Hexachlorobenzene
Concen: 54.95 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:284 Resp: 910063
Ion Ratio Lower Upper
284 100
142 32.4 28.7 43.1
249 30.6 25.4 38.0



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: 56.50 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

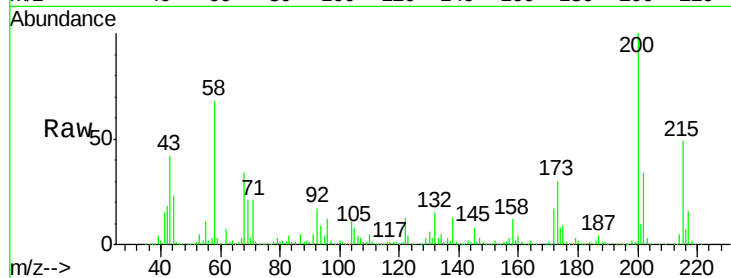
Tgt Ion:200 Resp: 722488

Ion Ratio Lower Upper

200 100

173 30.4 9.9 49.9

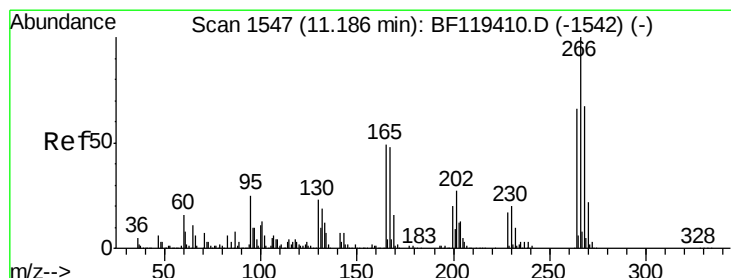
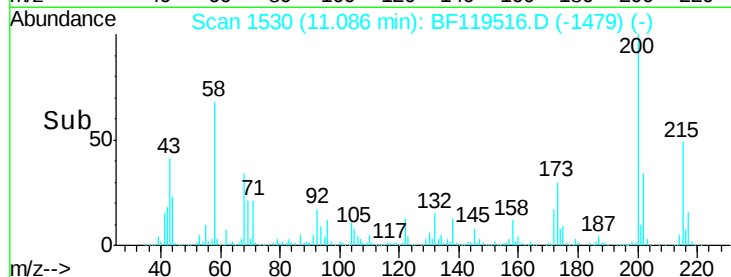
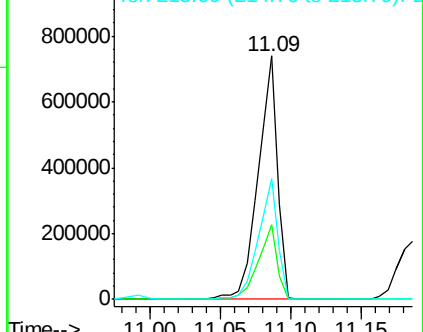
215 49.5 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.11 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

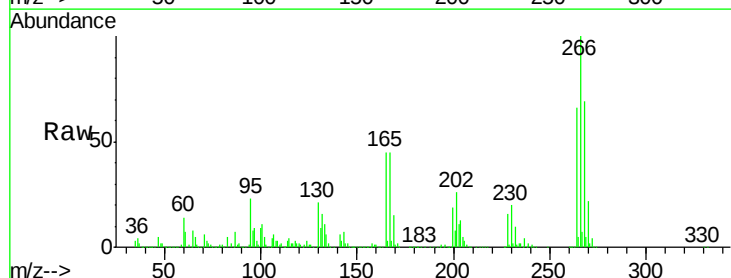
Tgt Ion:266 Resp: 1011054

Ion Ratio Lower Upper

266 100

268 68.9 53.7 80.5

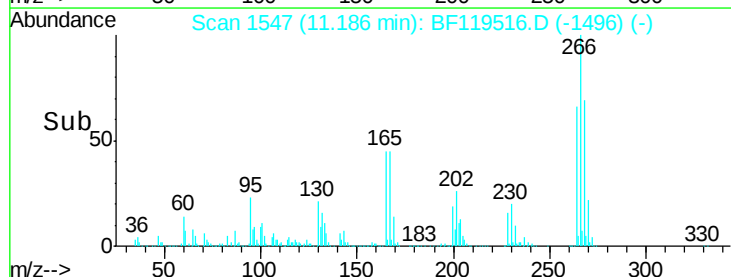
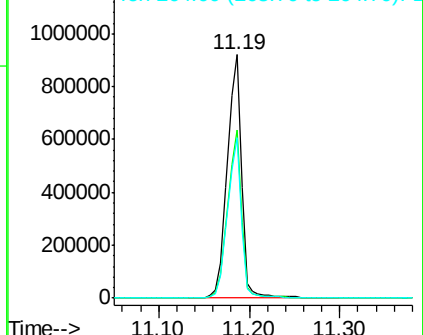
264 65.8 52.5 78.7

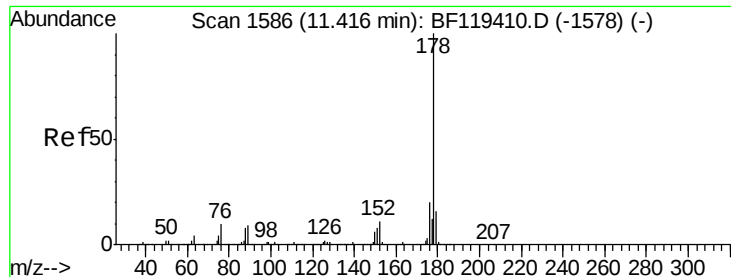


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.76 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

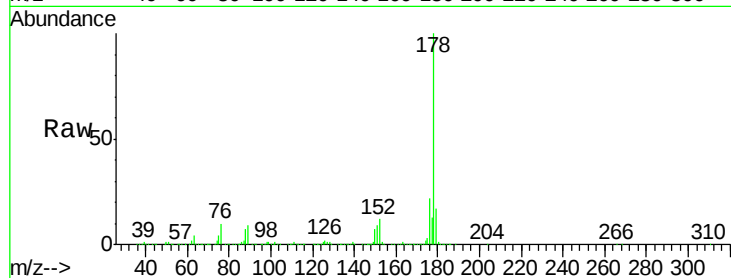
Tgt Ion:178 Resp: 3592489

Ion Ratio Lower Upper

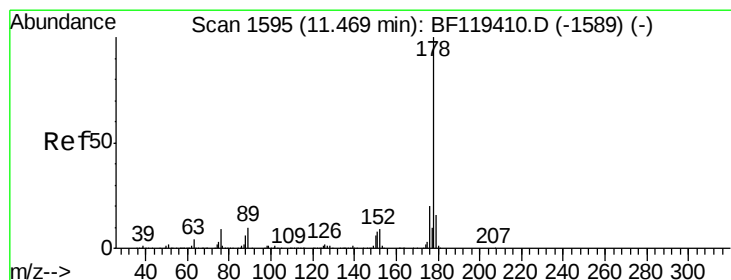
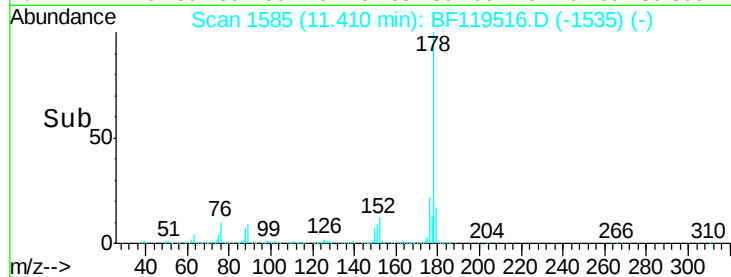
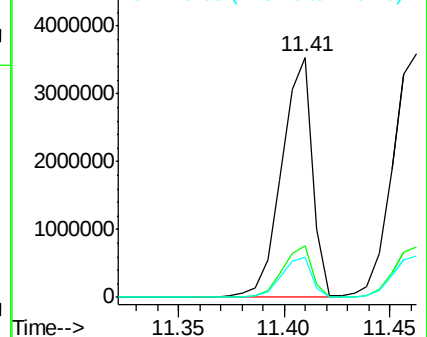
178 100

176 21.6 16.2 24.4

179 16.8 12.9 19.3



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: 49.10 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

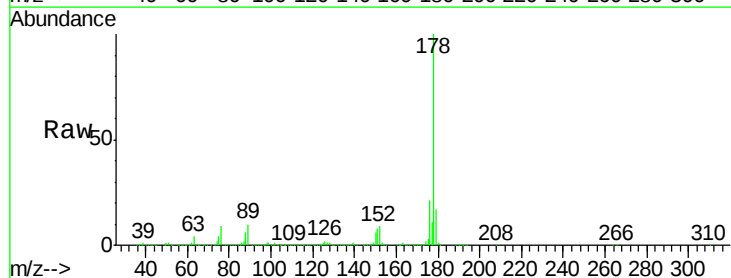
Tgt Ion:178 Resp: 3676503

Ion Ratio Lower Upper

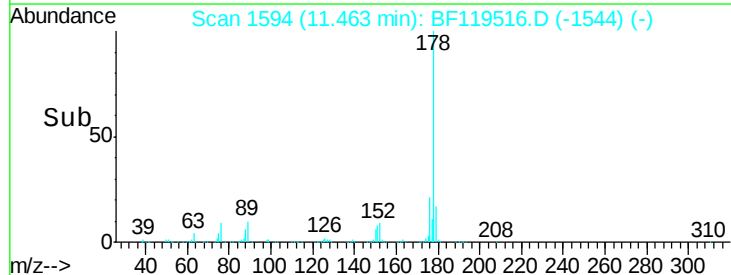
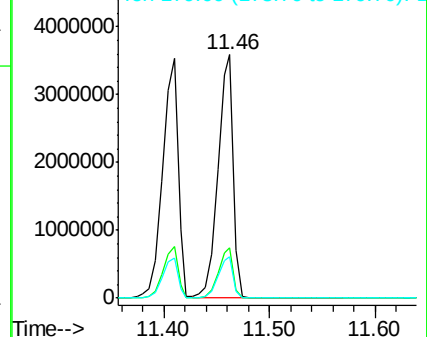
178 100

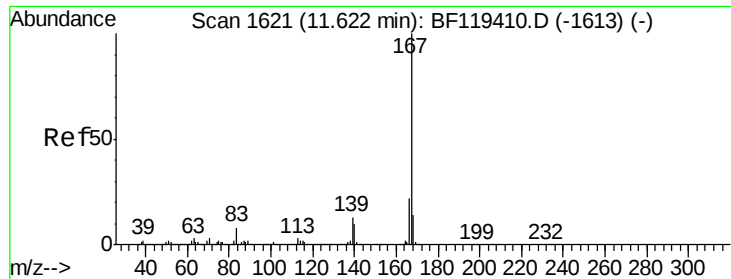
176 20.9 15.6 23.4

179 17.1 13.1 19.7



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

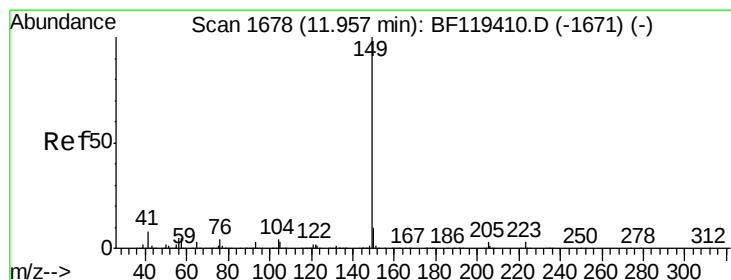
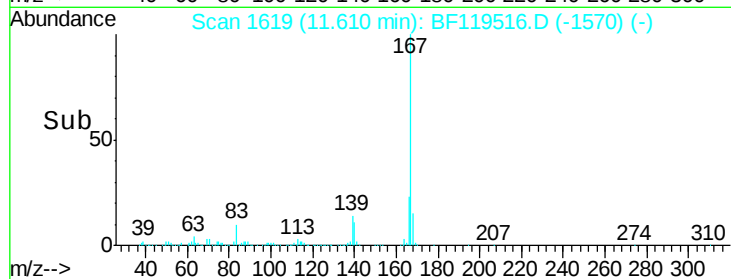
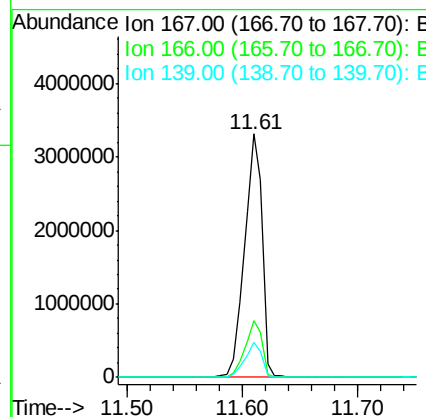
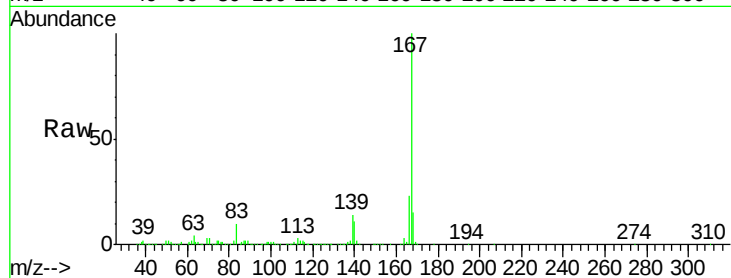




#73
 Carbazole
 Concen: 46.88 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

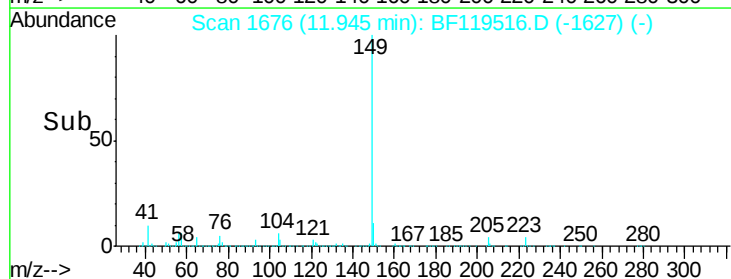
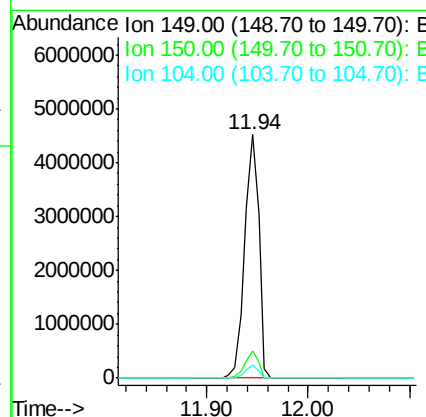
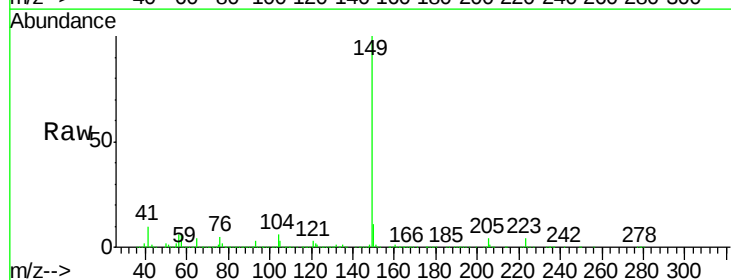
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

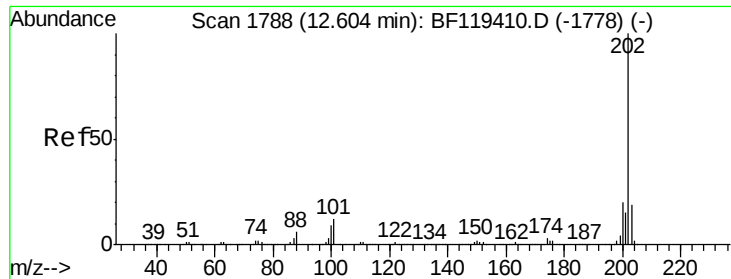
Tgt Ion:167 Resp: 3474757
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.8 26.6
 139 14.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 55.06 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 4365518
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.6 11.4
 104 5.5 3.5 5.3#





#75

Fluoranthene

Concen: 47.95 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

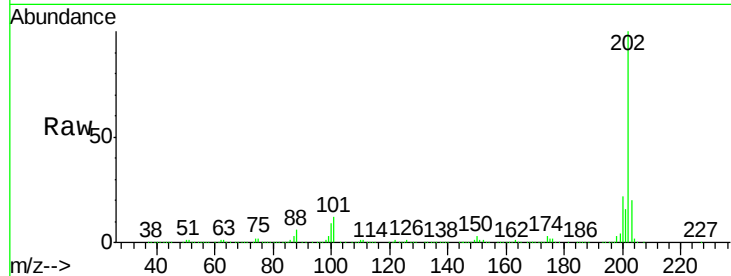
Tgt Ion:202 Resp: 3823568

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.4

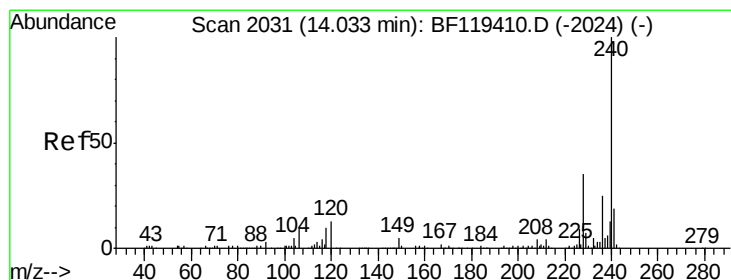
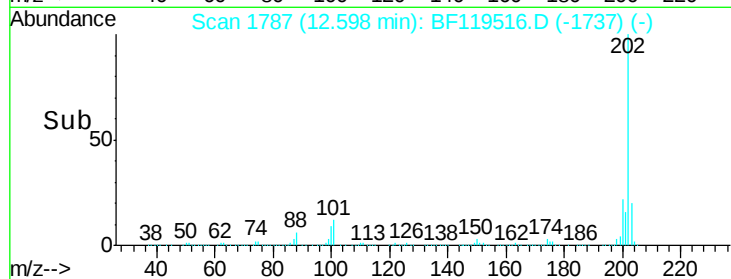
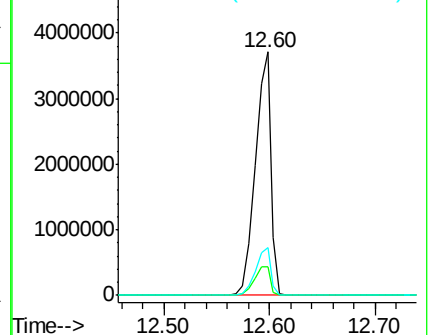
203 19.6 0.0 38.5



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: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

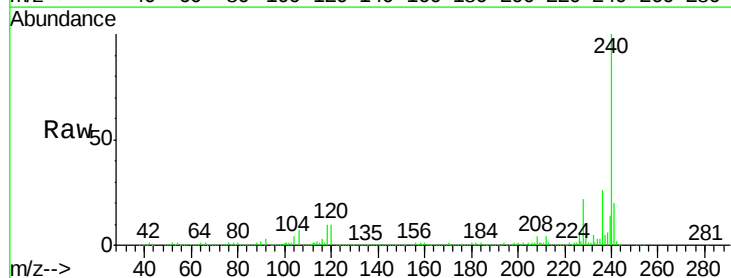
Tgt Ion:240 Resp: 956729

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

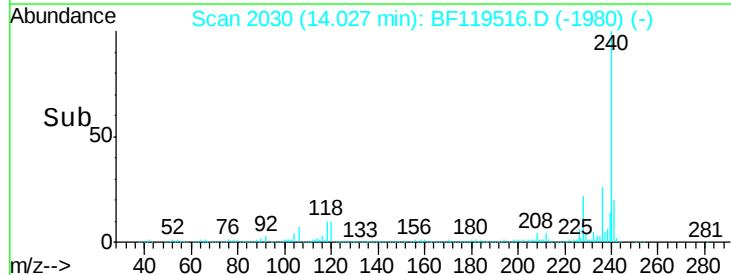
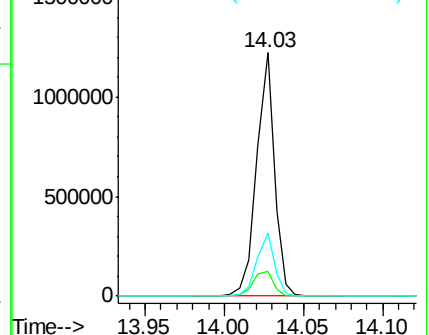
236 26.1 20.4 30.6

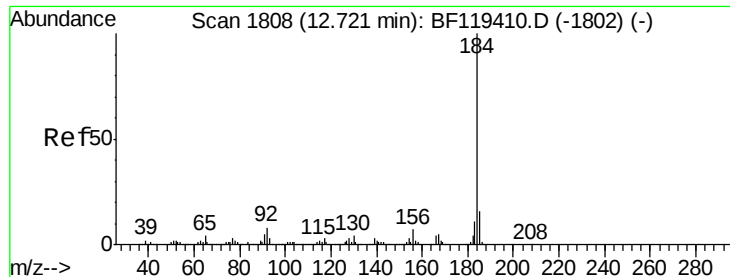


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.37 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

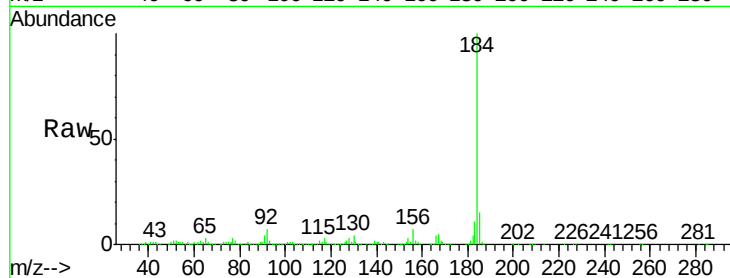
Tgt Ion:184 Resp: 1351277

Ion Ratio Lower Upper

184 100

185 14.5 12.9 19.3

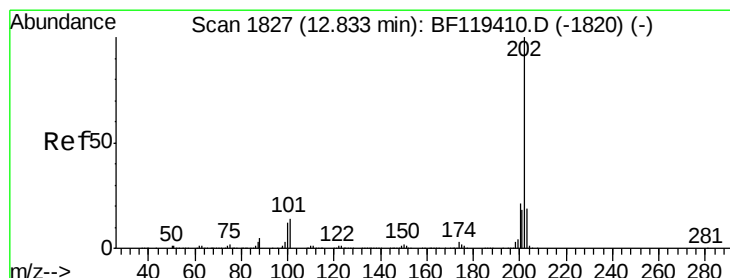
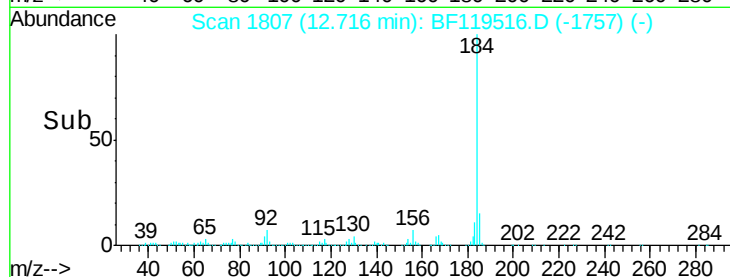
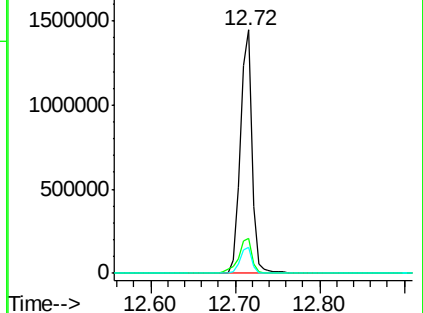
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.67 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

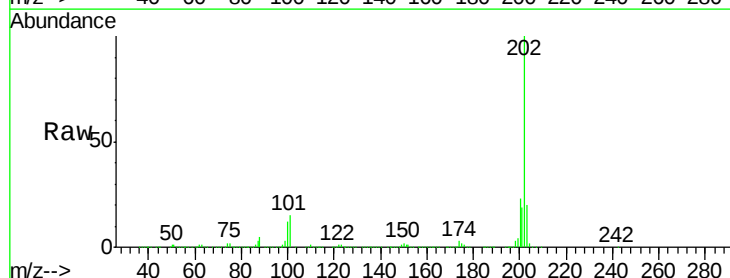
Tgt Ion:202 Resp: 3821517

Ion Ratio Lower Upper

202 100

200 22.6 16.8 25.2

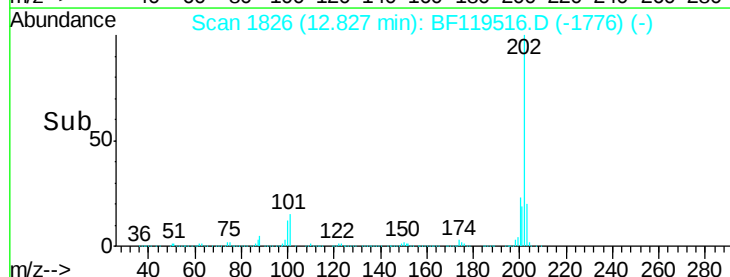
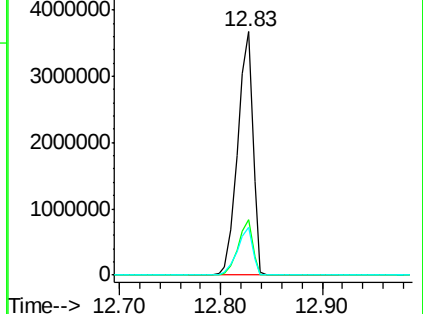
203 19.8 14.8 22.2



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

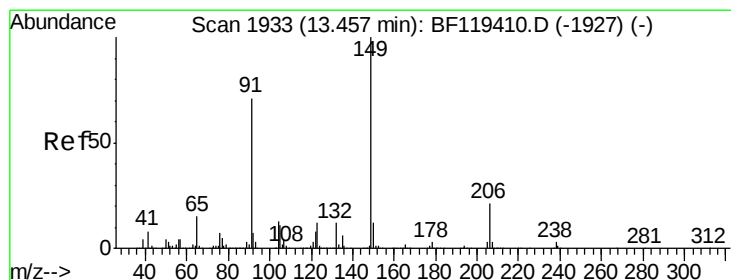
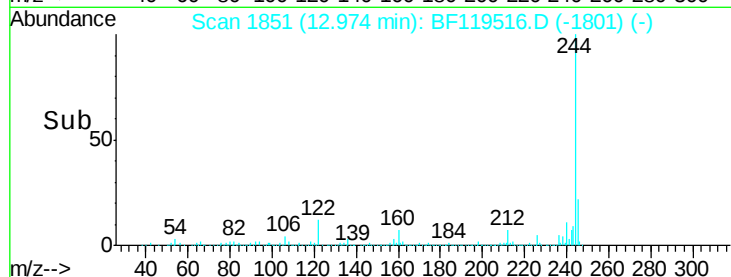
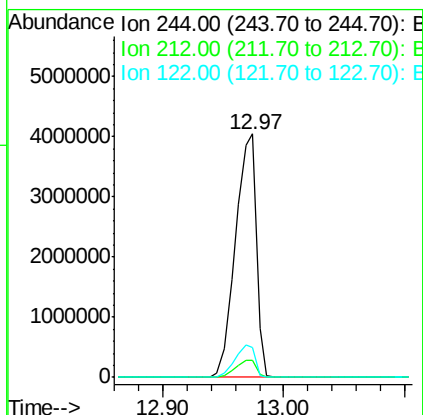
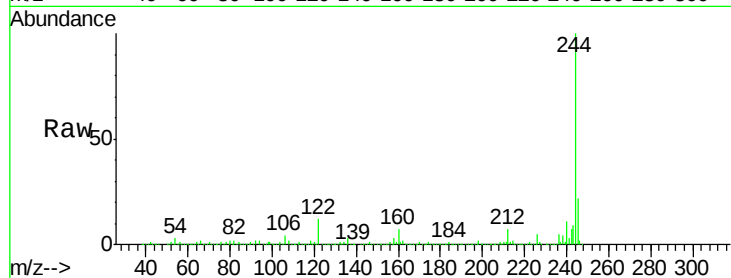




#79
 Terphenyl-d14
 Concen: 99.94 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

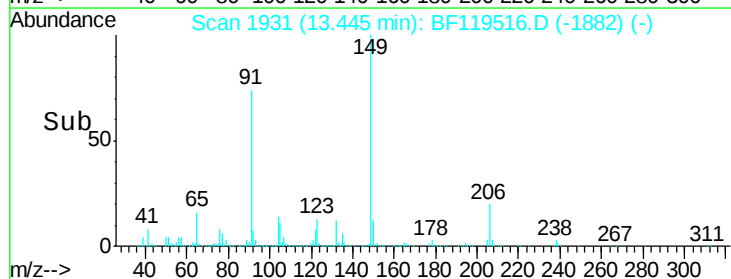
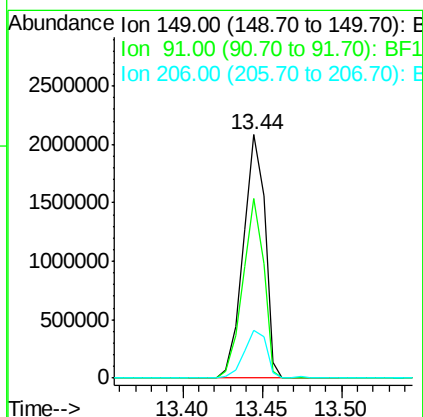
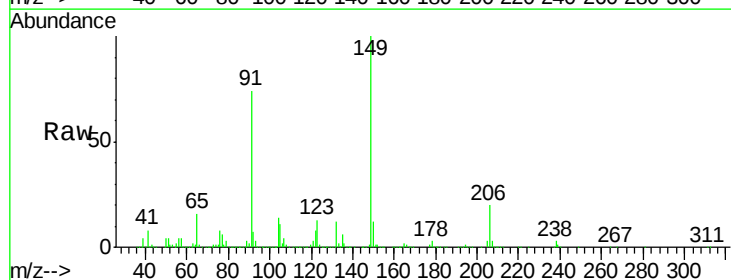
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

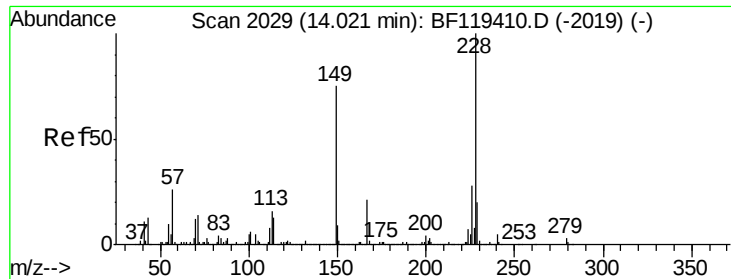
Tgt Ion:244 Resp: 4880160
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.2 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 62.17 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 1974485
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.0 85.6
 206 19.8 16.4 24.6

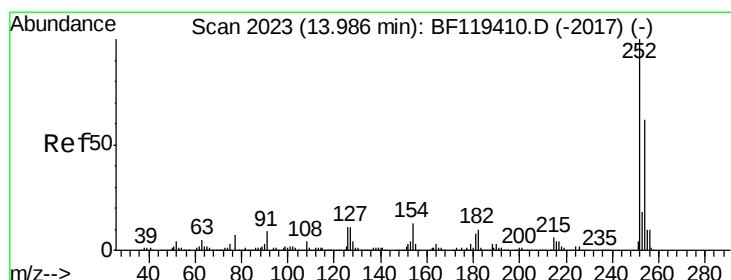
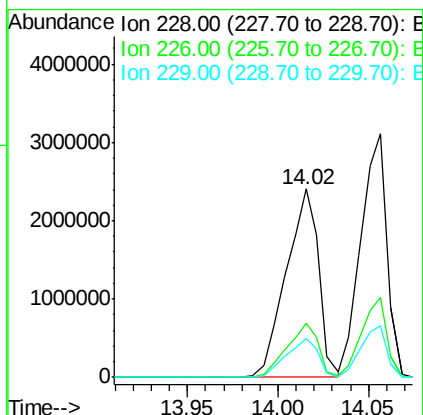
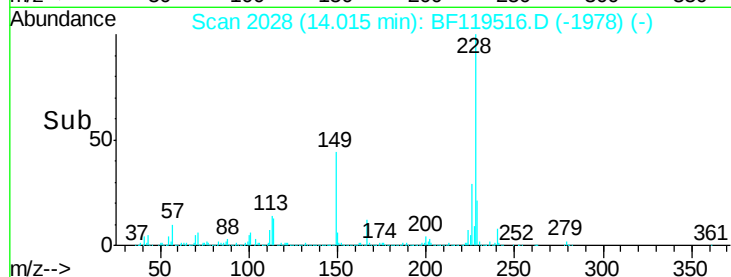
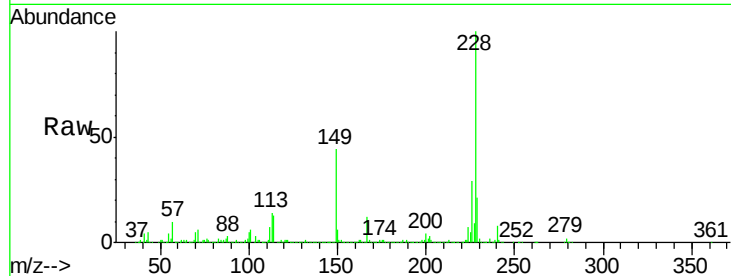




#81
Benzo(a)anthracene
Concen: 48.42 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

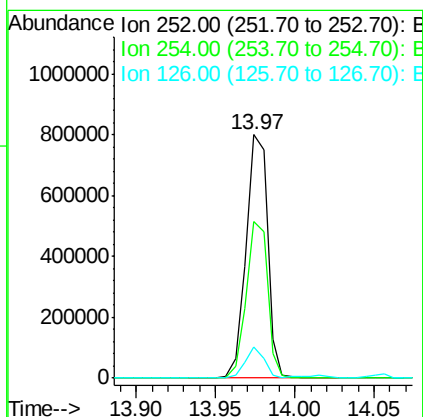
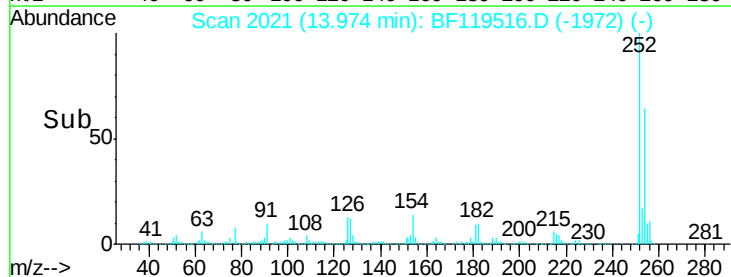
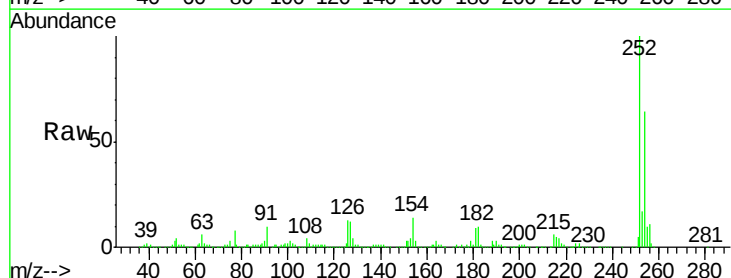
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tgt Ion:228 Resp: 3012595
Ion Ratio Lower Upper
228 100
226 28.9 22.3 33.5
229 20.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.81 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:252 Resp: 755800
Ion Ratio Lower Upper
252 100
254 64.3 49.8 74.8
126 12.8 8.9 13.3





#83

Chrysene

Concen: 48.60 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

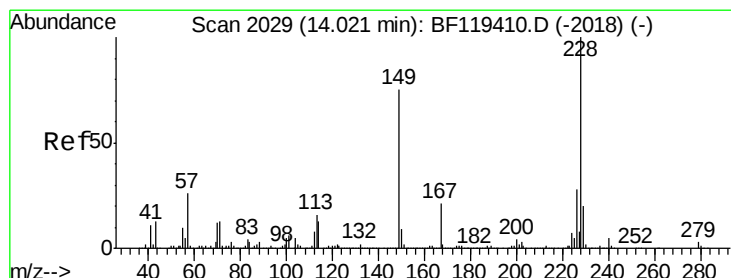
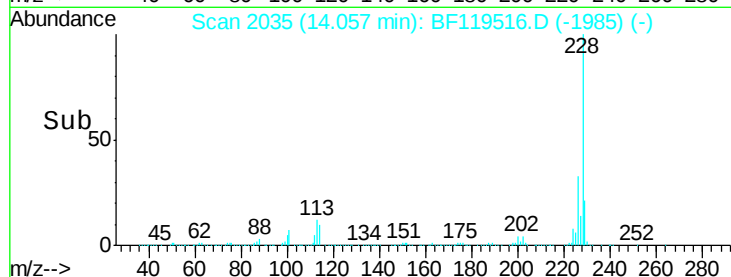
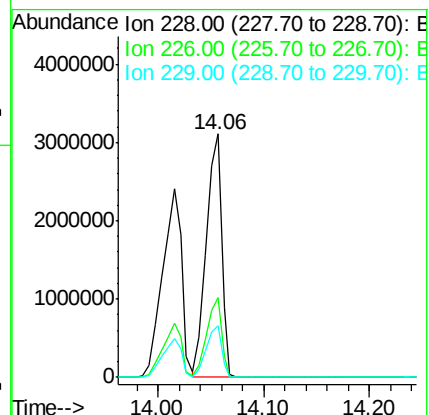
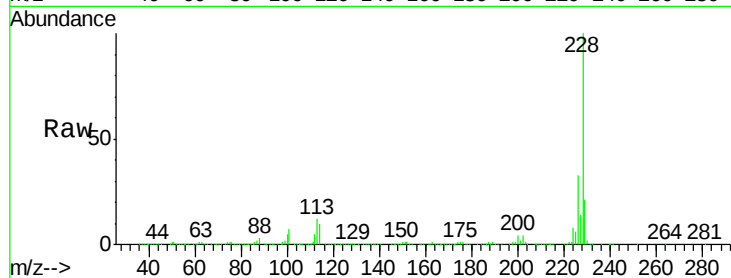
Tgt Ion:228 Resp: 3120541

Ion Ratio Lower Upper

228 100

226 32.9 24.8 37.2

229 21.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.49 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

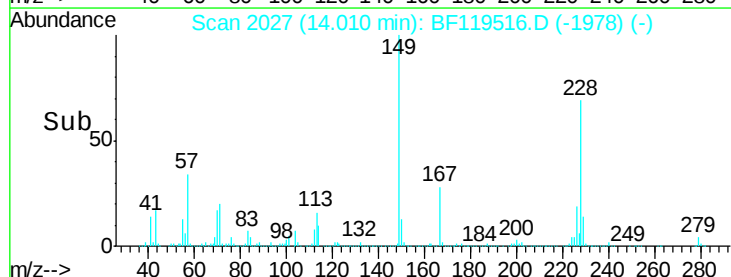
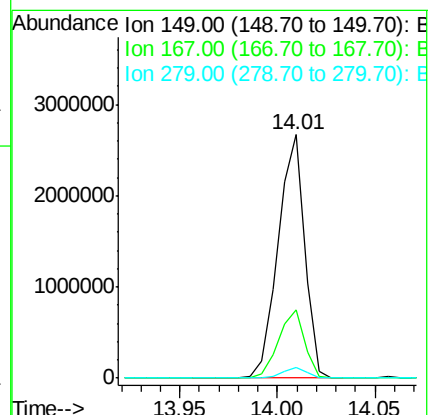
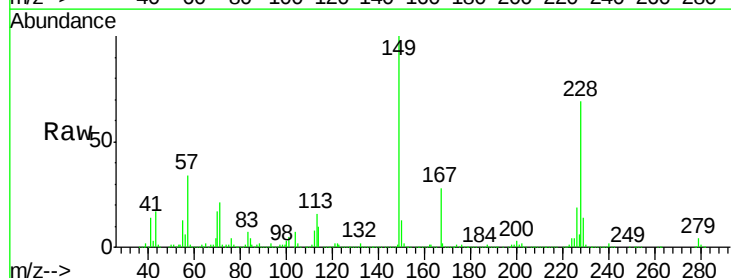
Tgt Ion:149 Resp: 2517135

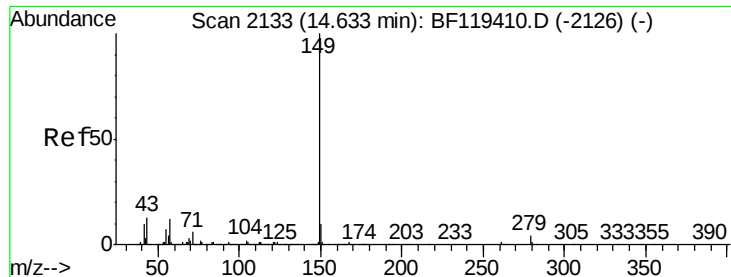
Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 67.45 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

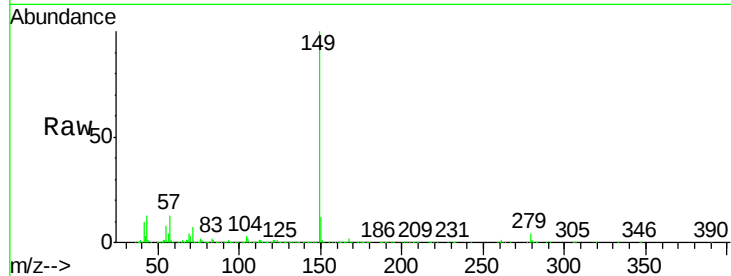
Tgt Ion:149 Resp: 4490590

Ion Ratio Lower Upper

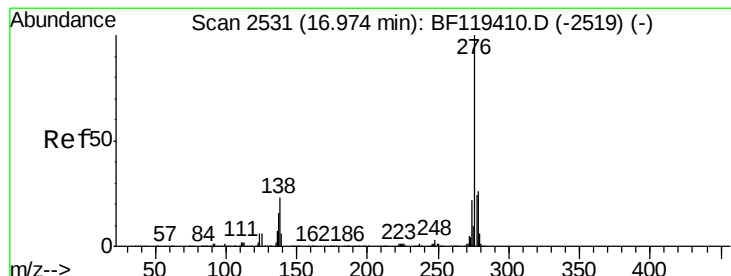
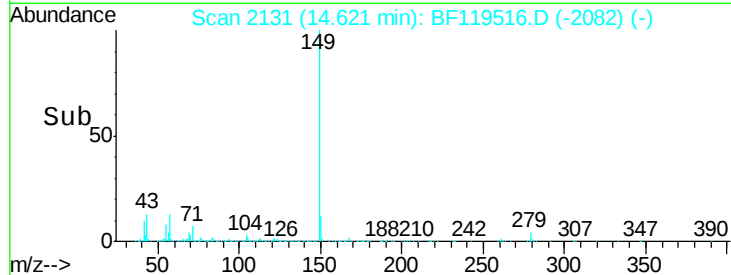
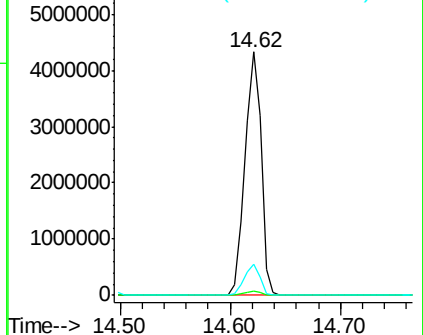
149 100

167 1.7 1.1 1.7#

43 12.2 10.1 15.1



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: 48.54 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

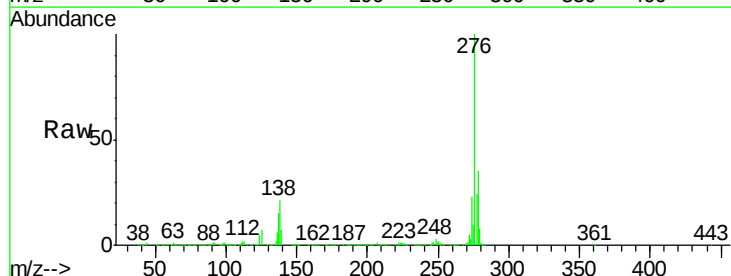
Tgt Ion:276 Resp: 2935013

Ion Ratio Lower Upper

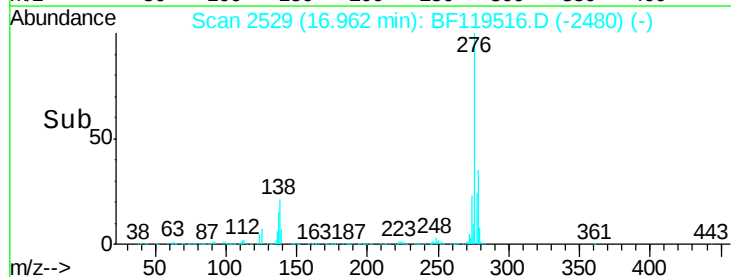
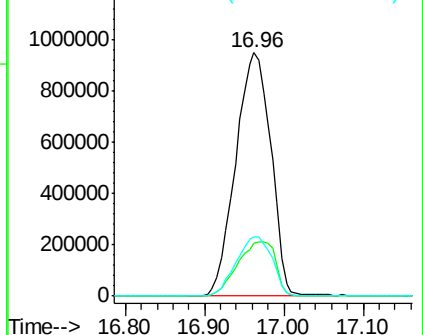
276 100

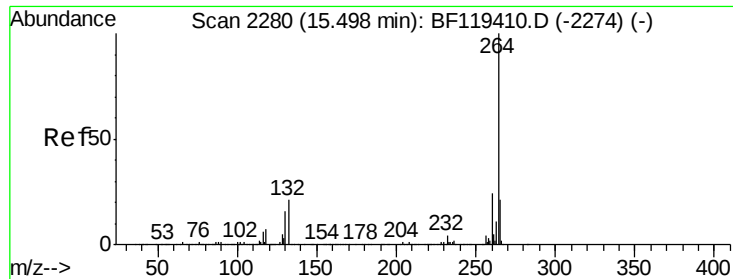
138 24.2 21.3 31.9

277 25.2 20.2 30.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

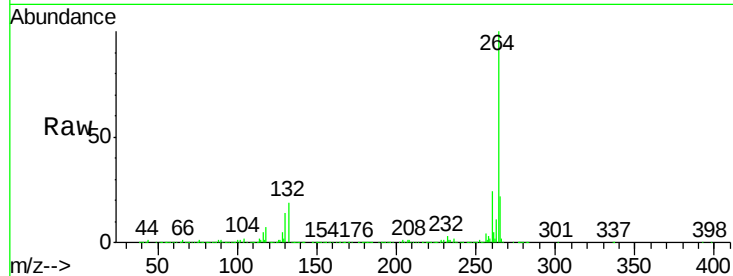
Tgt Ion:264 Resp: 891764

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

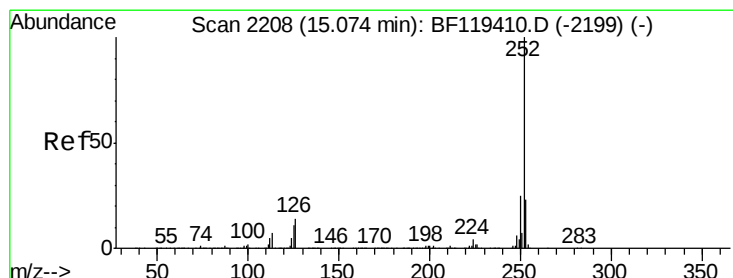
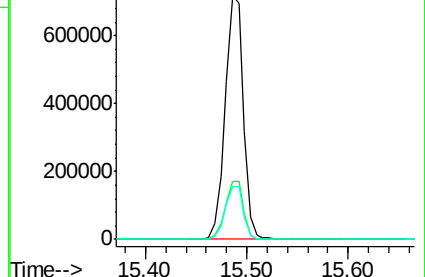
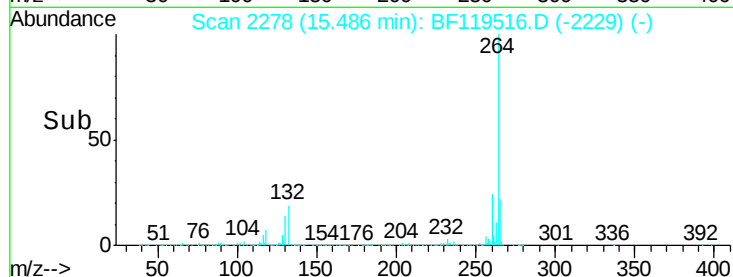
265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.73 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

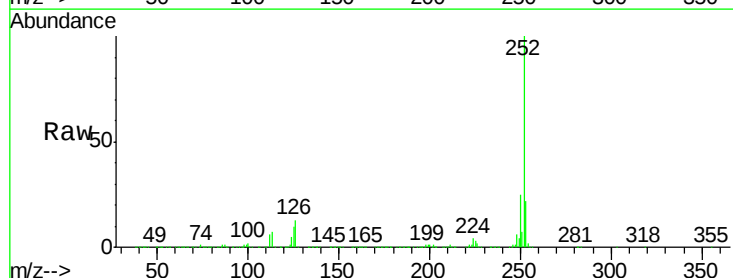
Tgt Ion:252 Resp: 3319652

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

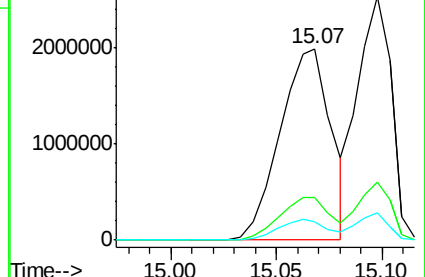
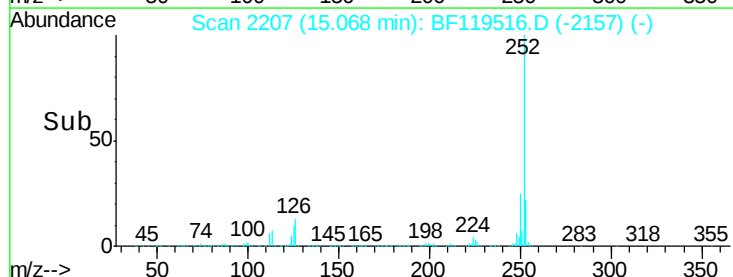
125 9.8 8.8 13.2

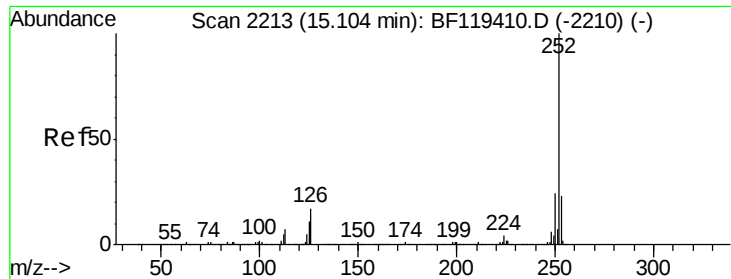


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

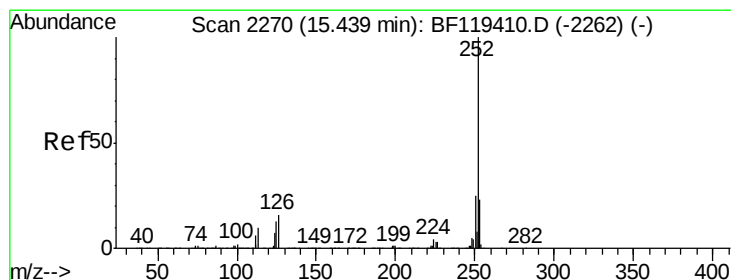
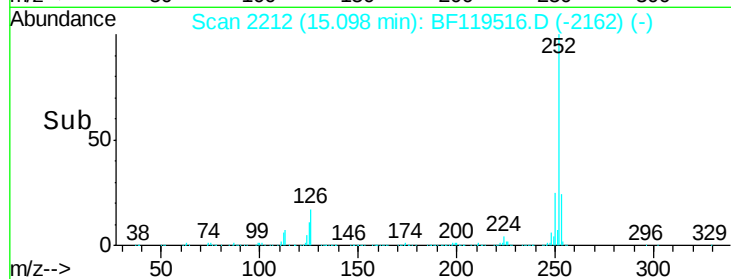
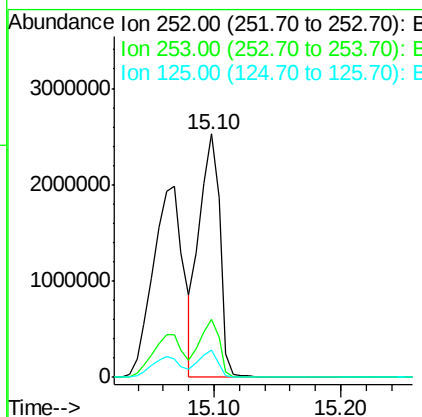
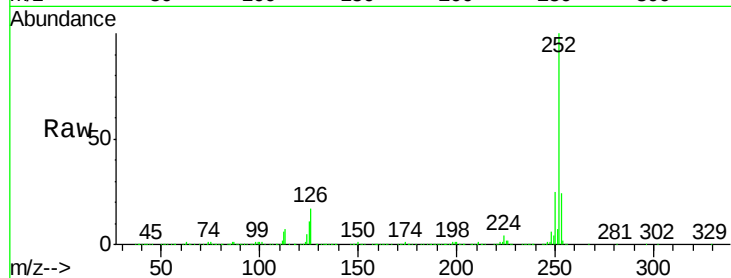




#89
Benzo(k)fluoranthene
Concen: 49.95 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

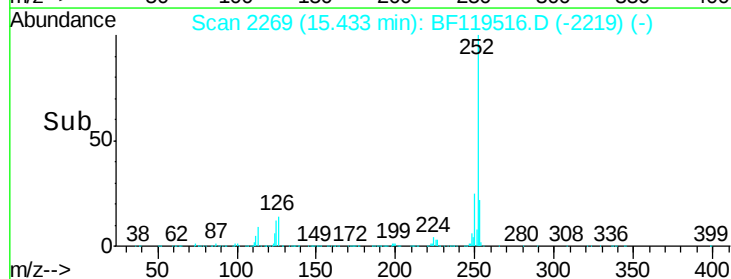
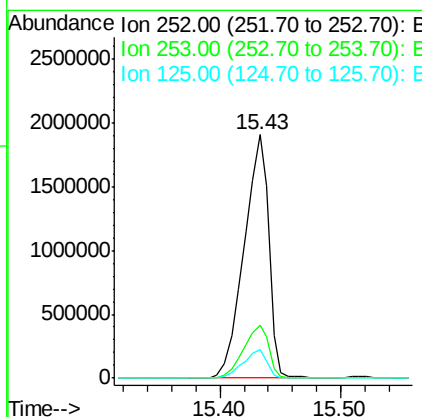
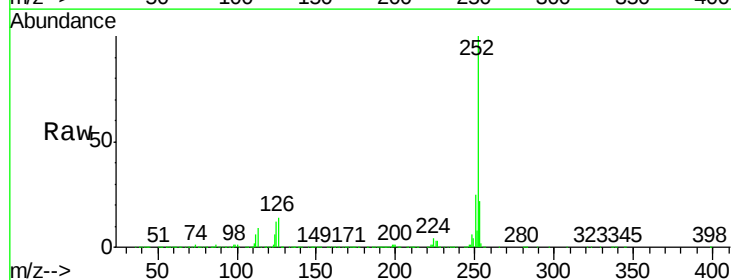
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

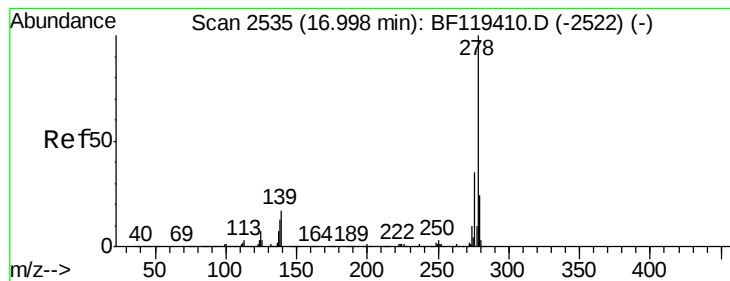
Tgt Ion:252 Resp: 2833489
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 11.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 50.37 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:252 Resp: 2726768
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.6 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 50.51 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

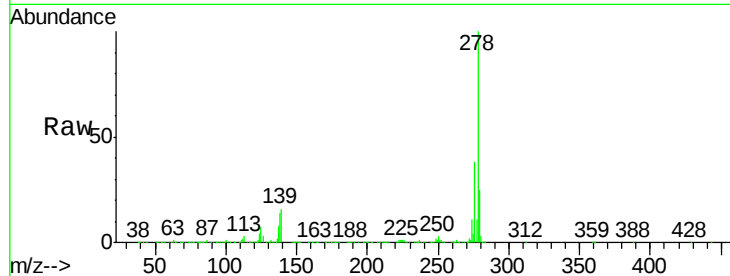
Tgt Ion:278 Resp: 2391815

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

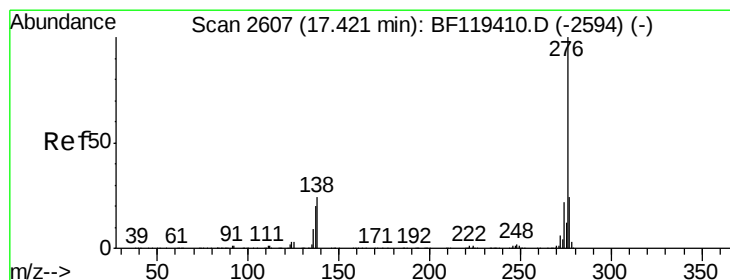
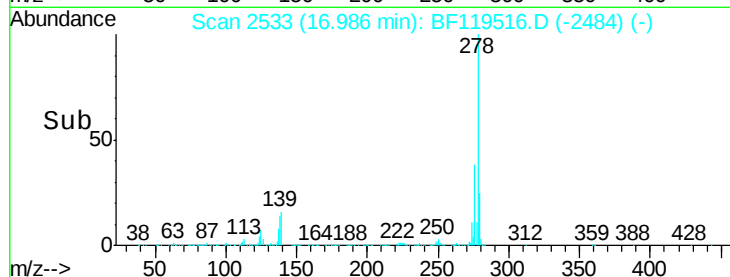
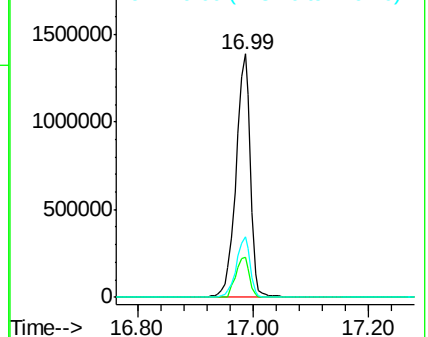
279 24.7 19.2 28.8



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: 49.79 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

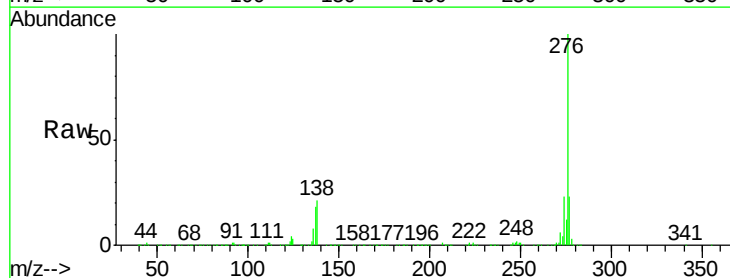
Tgt Ion:276 Resp: 2368480

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 21.2 19.1 28.7



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

