

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119514.D
 Acq On : 25 Mar 2020 20:26
 Operator : CG/JU
 Sample : L2028-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Quant Time: Mar 26 02:02:13 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	361647	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1415157	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	757197	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1462637	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	986811	20.00	ng	0.00
87) Perylene-d12	15.49	264	879772	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1993491	87.75	ng	0.00
7) Phenol-d6	6.47	99	2631526	90.68	ng	0.00
23) Nitrobenzene-d5	7.41	82	1646735	63.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	802263	102.70	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3207458	62.75	ng	-0.01
79) Terphenyl-d14	12.97	244	3517242	69.83	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.67	88	387115	34.50 ng	97
3) Pyridine	3.41	79	1083971	35.07 ng	97
4) n-Nitrosodimethylamine	3.37	42	622067	41.27 ng	98
6) Aniline	6.50	93	1316943	32.88 ng	99
8) 2-Chlorophenol	6.63	128	1208589	50.65 ng	99
9) Benzaldehyde	6.39	77	741731	40.29 ng	98
10) Phenol	6.49	94	1512874	48.86 ng	98
11) bis(2-Chloroethyl)ether	6.58	93	1158844	46.79 ng	99
12) 1,3-Dichlorobenzene	6.79	146	1197221	46.36 ng	99
13) 1,4-Dichlorobenzene	6.86	146	1216839	47.11 ng	100
14) 1,2-Dichlorobenzene	7.02	146	1137360	47.11 ng	98
15) Benzyl Alcohol	6.99	79	1015270	46.51 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2209924	44.24 ng	97
17) 2-Methylphenol	7.10	107	984179	45.02 ng	99
18) Hexachloroethane	7.36	117	476428	50.33 ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	859097	49.11 ng	94
20) 3+4-Methylphenols	7.25	107	1159273	43.27 ng	# 85
22) Acetophenone	7.26	105	1564237	46.26 ng	# 92
24) Nitrobenzene	7.43	77	1262118	45.36 ng	98
25) Isophorone	7.67	82	2430828	46.02 ng	98
26) 2-Nitrophenol	7.75	139	649226	59.25 ng	99
27) 2,4-Dimethylphenol	7.78	122	1108831	48.94 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1519201	48.64 ng	98
29) 2,4-Dichlorophenol	7.99	162	1029587	49.46 ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1076914	46.78 ng	99
31) Naphthalene	8.15	128	3324696	45.65 ng	98
32) Benzoic acid	7.92	122	876590	60.15 ng	99
33) 4-Chloroaniline	8.20	127	519492	15.57 ng	96
34) Hexachlorobutadiene	8.27	225	630306	48.93 ng	98
35) Caprolactam	8.58	113	186322	27.35 ng	94
36) 4-Chloro-3-methylphenol	8.69	107	1109060	48.75 ng	99
37) 2-Methylnaphthalene	8.85	142	2351261	49.20 ng	99
38) 1-Methylnaphthalene	8.95	142	2224050	49.16 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	996703	44.91 ng	98

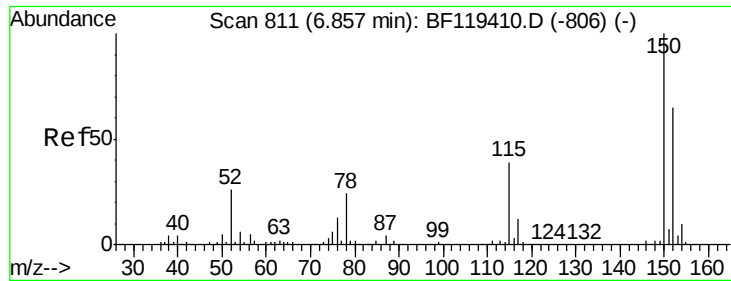
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1253262	99.33	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	787836	49.60	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	794820	44.67	ng	98
46) 1,1'-Biphenyl	9.32	154	2773413	44.97	ng	99
47) 2-Chloronaphthalene	9.34	162	2183781	45.21	ng	97
48) 2-Nitroaniline	9.43	65	794797	47.67	ng	95
49) Acenaphthylene	9.76	152	3363650	44.34	ng	98
50) Dimethylphthalate	9.62	163	2896404	53.85	ng	99
51) 2,6-Dinitrotoluene	9.67	165	599078	51.97	ng	97
52) Acenaphthene	9.93	154	2407278	50.90	ng	99
53) 3-Nitroaniline	9.84	138	344611	23.68	ng	98
54) 2,4-Dinitrophenol	9.95	184	630350	122.15	ng	95
55) Dibenzofuran	10.10	168	3024090	44.60	ng	96
56) 4-Nitrophenol	10.01	139	997487	86.88	ng	88
57) 2,4-Dinitrotoluene	10.08	165	789570	54.37	ng	# 87
58) Fluorene	10.45	166	2307533	46.02	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	674024	50.68	ng	98
60) Diethylphthalate	10.32	149	2668840	48.89	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	1138563	46.44	ng	99
62) 4-Nitroaniline	10.47	138	620719	44.48	ng	98
63) Azobenzene	10.60	77	2535118	46.12	ng	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	412382	67.24	ng	98
66) n-Nitrosodiphenylamine	10.56	169	2196906	45.75	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	774435	46.49	ng	93
68) Hexachlorobenzene	10.99	284	831618	48.78	ng	# 92
69) Atrazine	11.09	200	663918	50.44	ng	99
70) Pentachlorophenol	11.19	266	936534	93.69	ng	98
71) Phenanthrene	11.40	178	3315168	43.71	ng	98
72) Anthracene	11.46	178	3428979	44.49	ng	98
73) Carbazole	11.61	167	3177448	41.65	ng	98
74) Di-n-butylphthalate	11.94	149	4068489	49.85	ng	# 97
75) Fluoranthene	12.59	202	3561078	43.39	ng	98
77) Benzidine	12.72	184	2033590	48.69	ng	98
78) Pyrene	12.83	202	3578542	44.19	ng	99
80) Butylbenzylphthalate	13.44	149	1826185	55.75	ng	99
81) Benzo(a)anthracene	14.02	228	2786243	43.42	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	806437	31.87	ng	96
83) Chrysene	14.05	228	2858450	43.16	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2365234	60.57	ng	99
85) Di-n-octyl phthalate	14.62	149	4121696	60.02	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2627590	42.13	ng	97
88) Benzo(b)fluoranthene	15.06	252	2986200	50.81	ng	100
89) Benzo(k)fluoranthene	15.10	252	2430380	43.43	ng	98
90) Benzo(a)pyrene	15.43	252	2397035	44.88	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	2198711	47.07	ng	99
92) Benzo(g,h,i)perylene	17.41	276	2144448	45.69	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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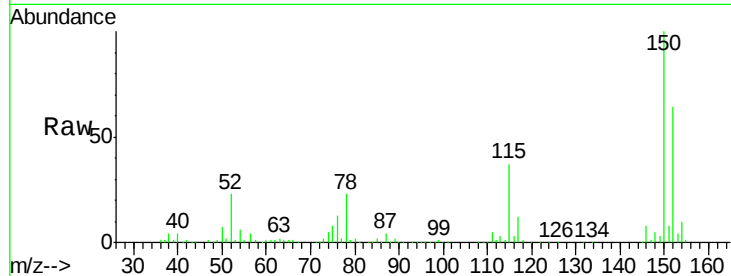
Tgt Ion:152 Resp: 361647

Ion Ratio Lower Upper

152 100

150 155.5 123.9 185.9

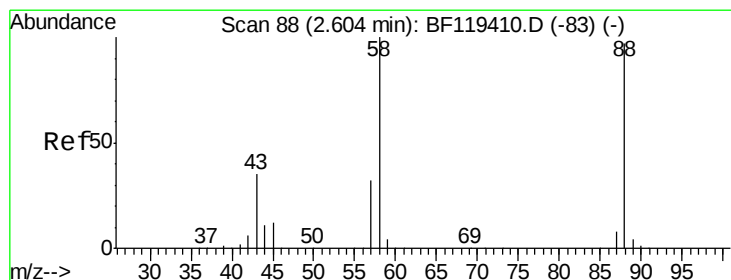
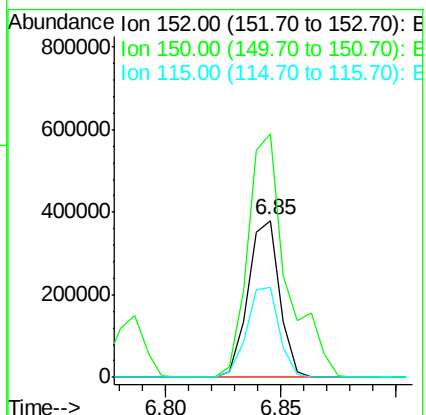
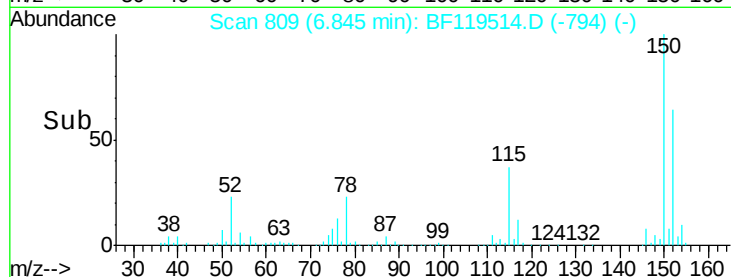
115 57.3 47.8 71.6



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: 34.50 ng

RT: 2.67 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

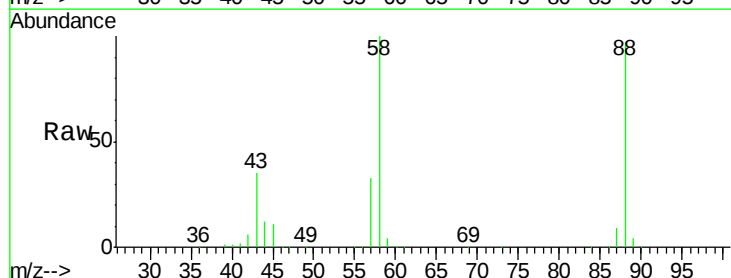
Tgt Ion: 88 Resp: 387115

Ion Ratio Lower Upper

88 100

58 103.7 79.4 119.2

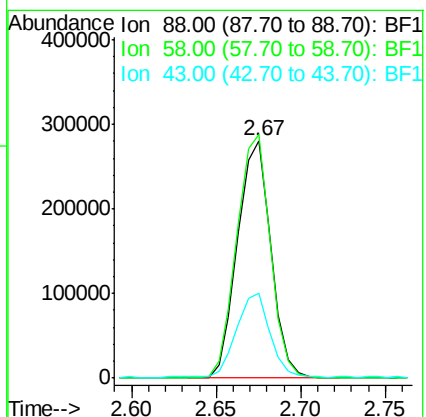
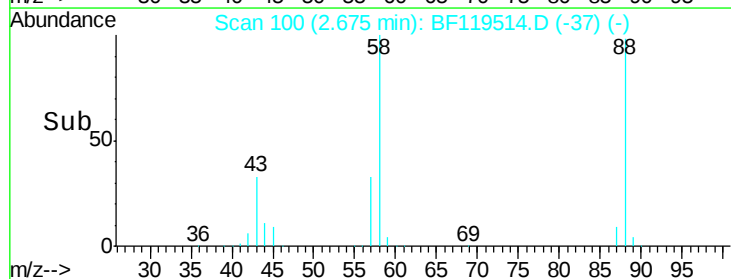
43 36.0 28.4 42.6

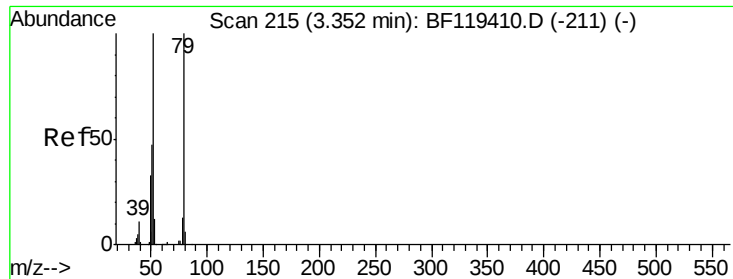


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.07 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.06 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

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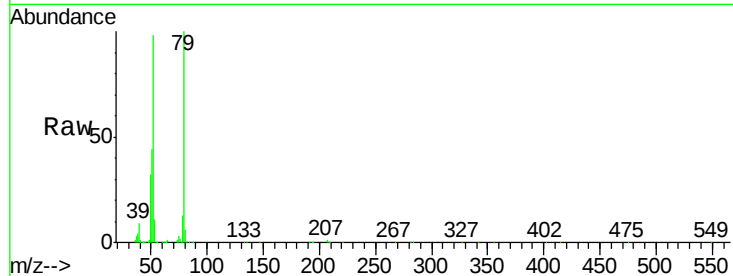
Tgt Ion: 79 Resp: 1083971

Ion Ratio Lower Upper

79 100

52 97.6 80.0 120.0

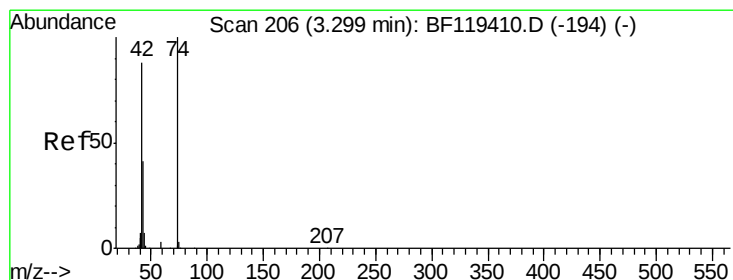
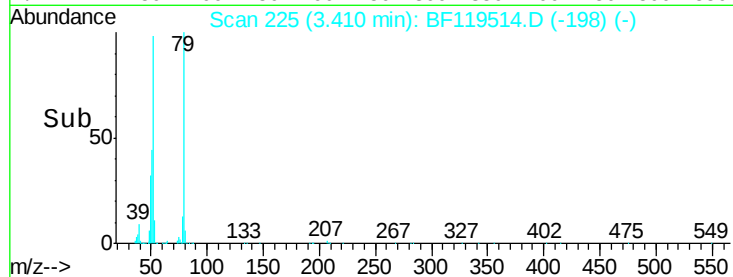
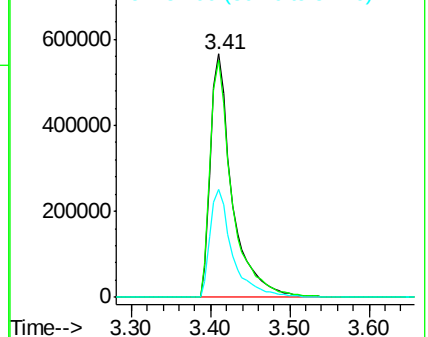
51 44.5 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.27 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.07 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

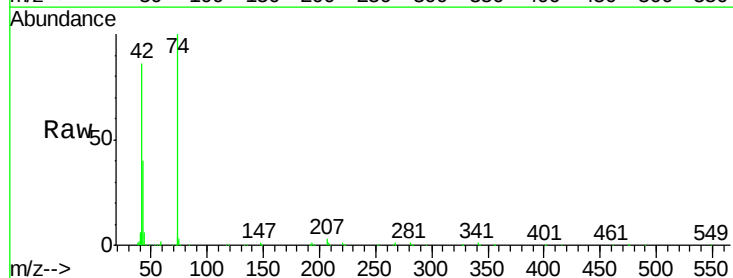
Tgt Ion: 42 Resp: 622067

Ion Ratio Lower Upper

42 100

74 115.8 91.3 136.9

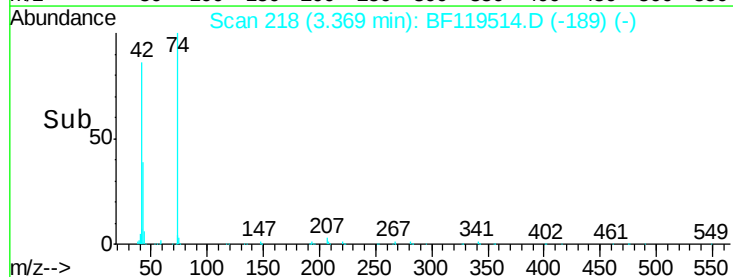
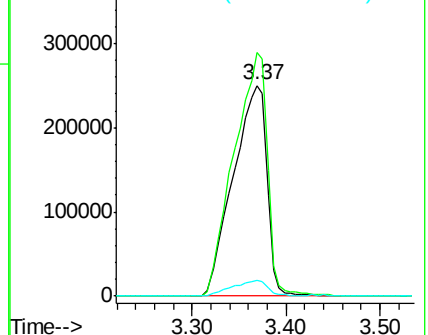
44 7.5 7.1 10.7

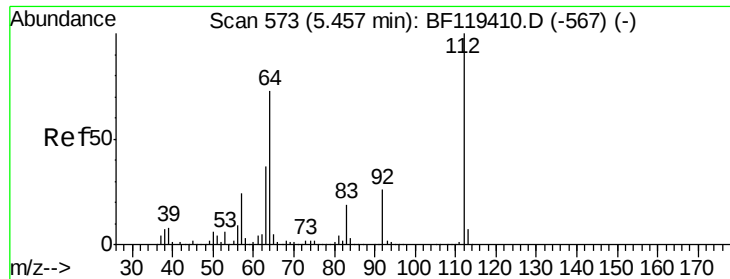


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.75 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

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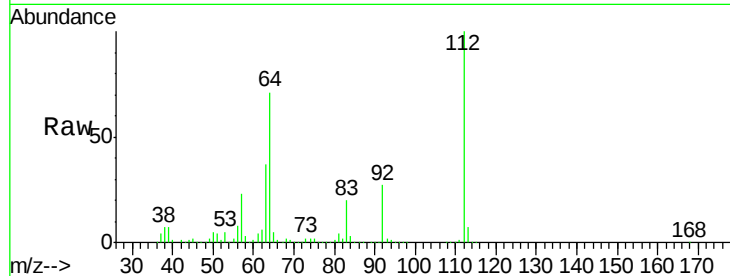
Tgt Ion: 112 Resp: 1993491

Ion Ratio Lower Upper

112 100

64 71.1 58.1 87.1

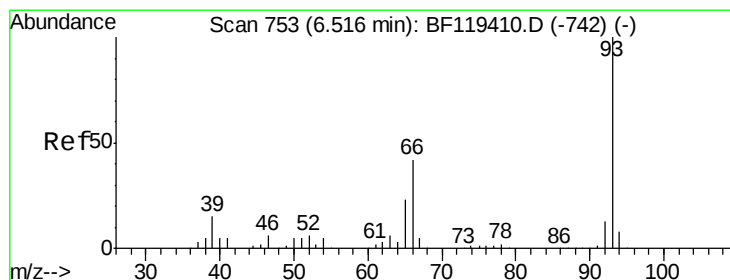
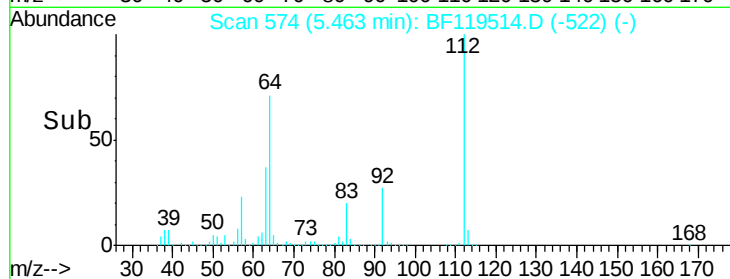
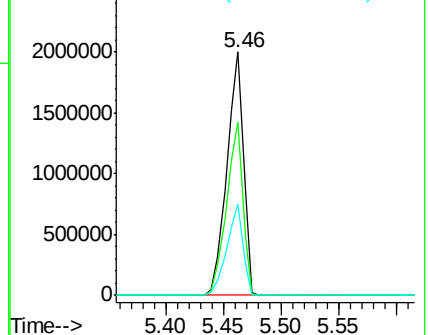
63 37.3 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.88 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

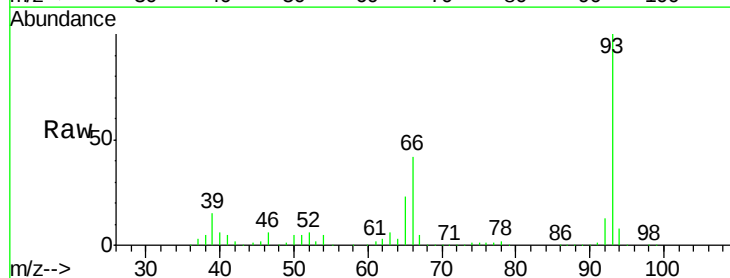
Tgt Ion: 93 Resp: 1316943

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

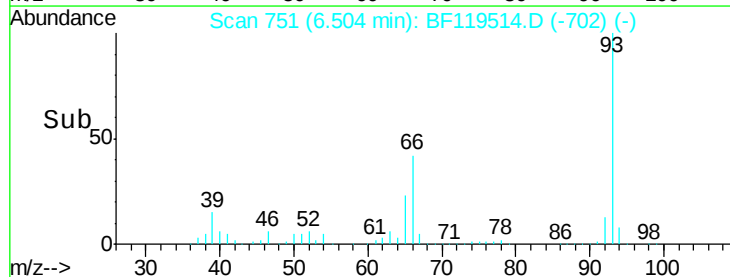
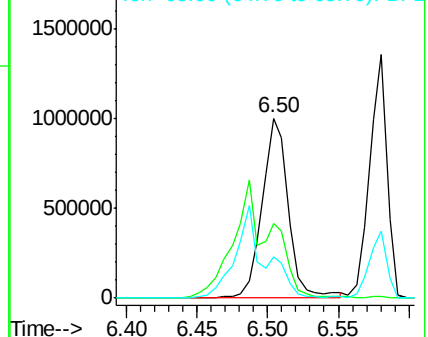
65 22.8 18.2 27.4

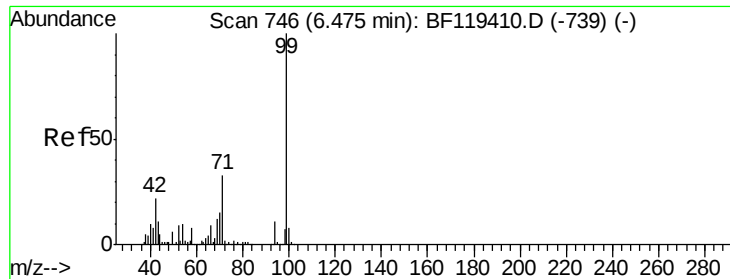


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.68 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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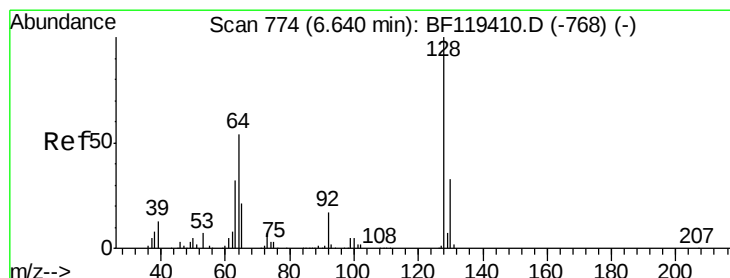
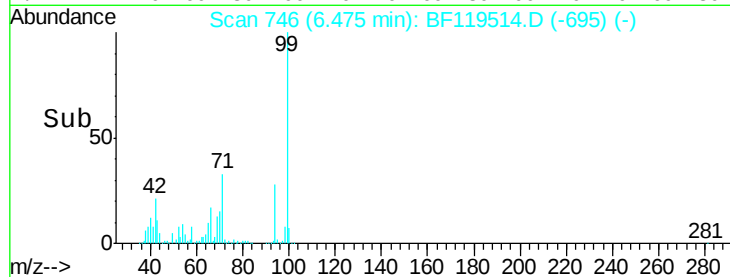
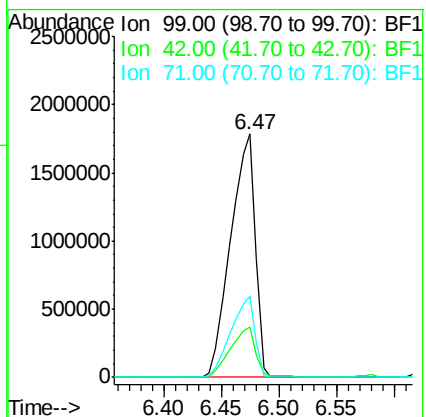
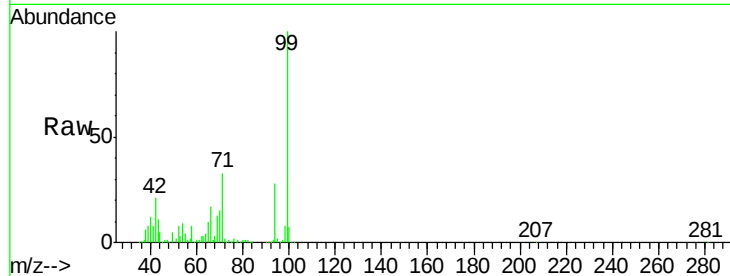
Tgt Ion: 99 Resp: 2631526

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

71 33.2 26.0 39.0



#8

2-Chlorophenol

Concen: 50.65 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

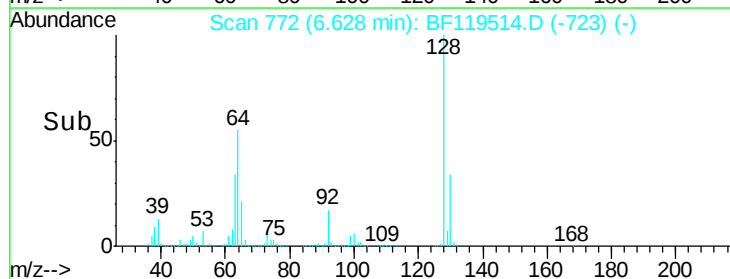
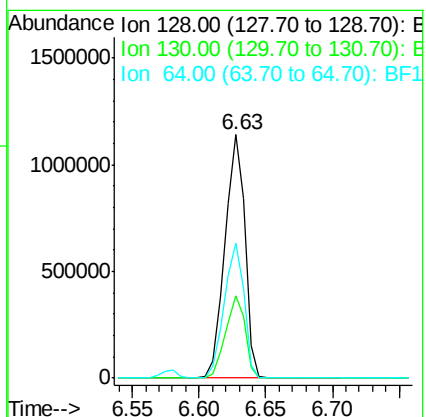
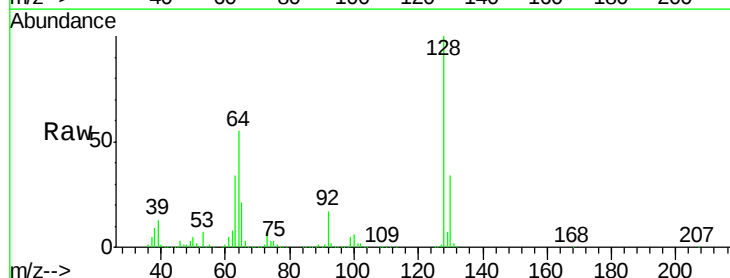
Tgt Ion: 128 Resp: 1208589

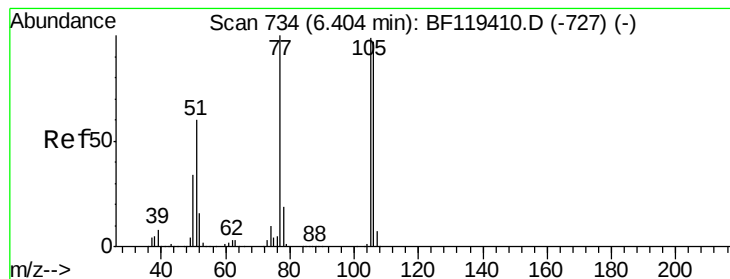
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 55.3 35.1 75.1





#9

Benzaldehyde

Concen: 40.29 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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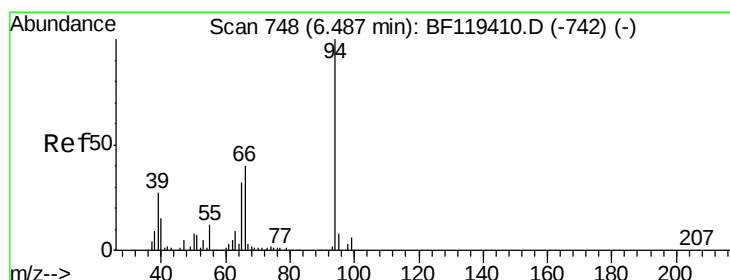
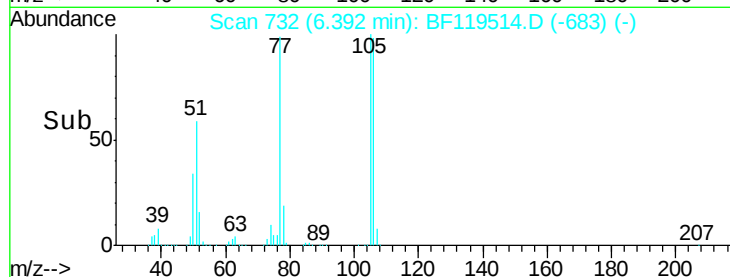
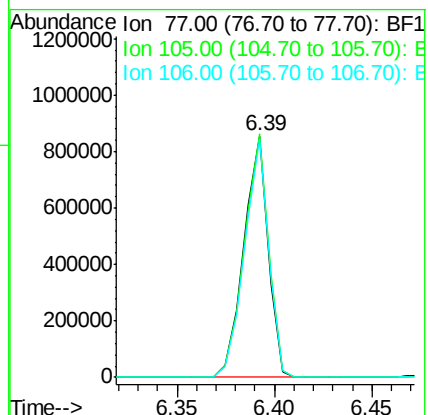
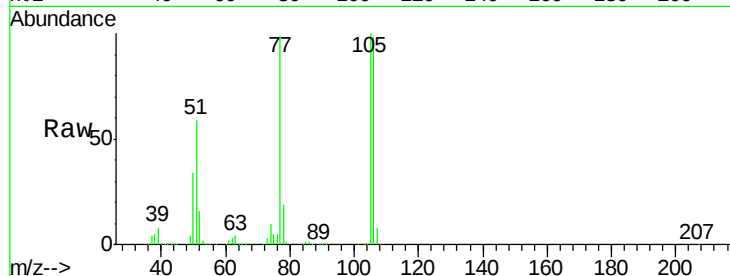
Tgt Ion: 77 Resp: 741731

Ion Ratio Lower Upper

77 100

105 100.7 78.6 118.6

106 98.5 76.5 116.5



#10

Phenol

Concen: 48.86 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

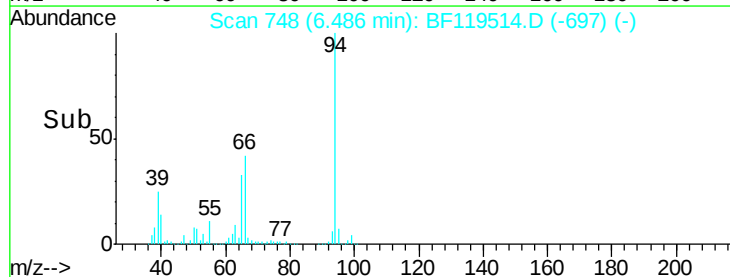
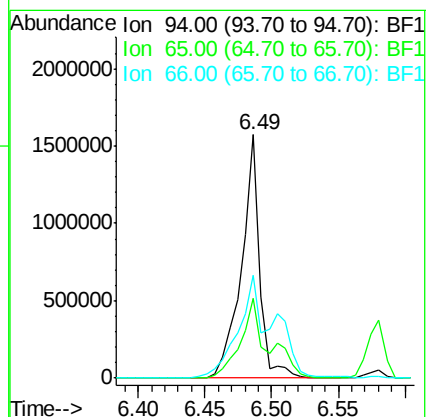
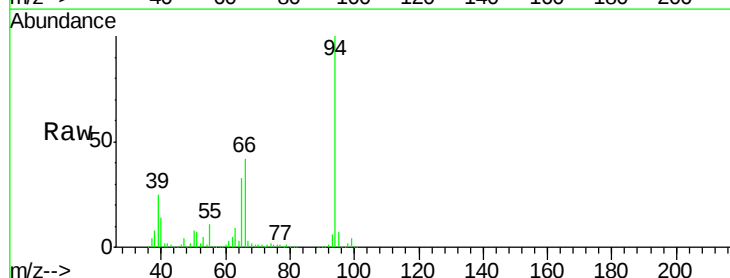
Tgt Ion: 94 Resp: 1512874

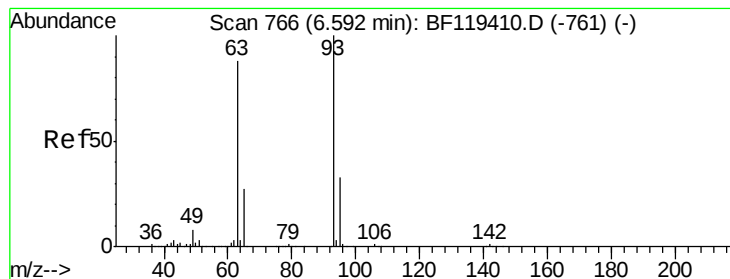
Ion Ratio Lower Upper

94 100

65 32.7 12.0 52.0

66 42.1 20.6 60.6





#11

bis(2-Chloroethyl)ether

Concen: 46.79 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

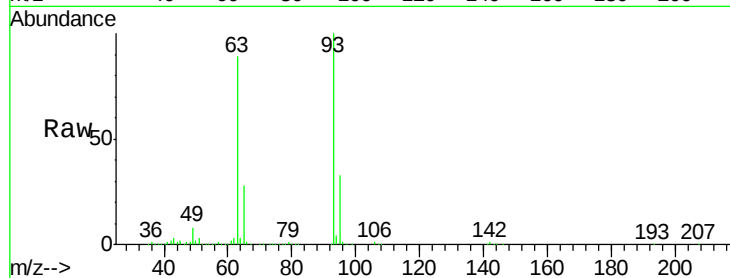
Tgt Ion: 93 Resp: 1158844

Ion Ratio Lower Upper

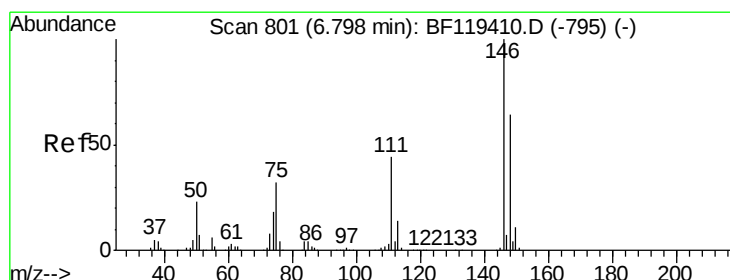
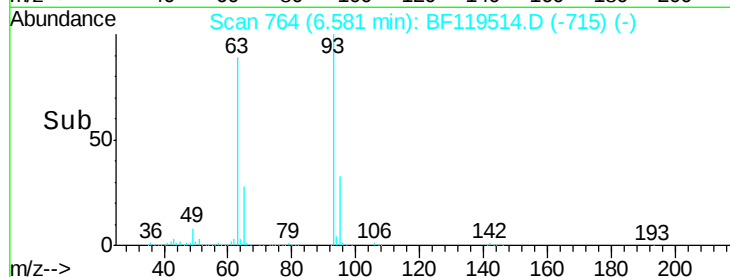
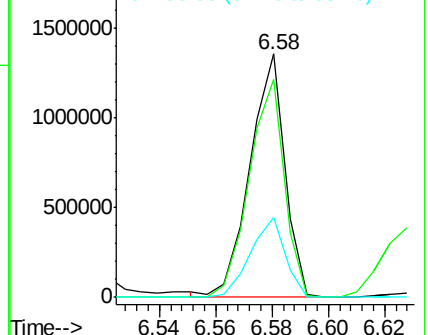
93 100

63 89.4 68.4 108.4

95 33.0 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 46.36 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

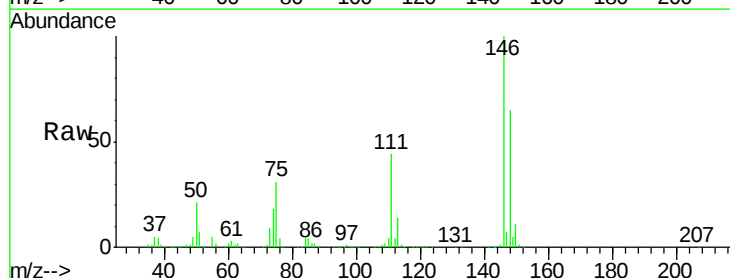
Tgt Ion: 146 Resp: 1197221

Ion Ratio Lower Upper

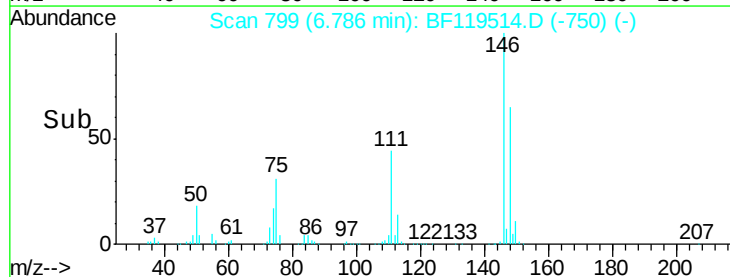
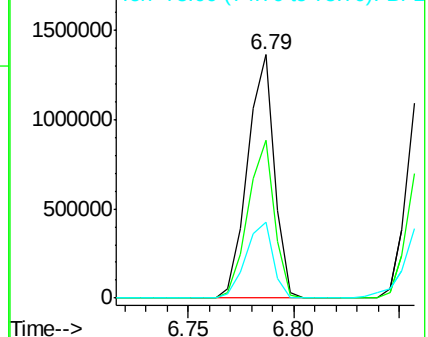
146 100

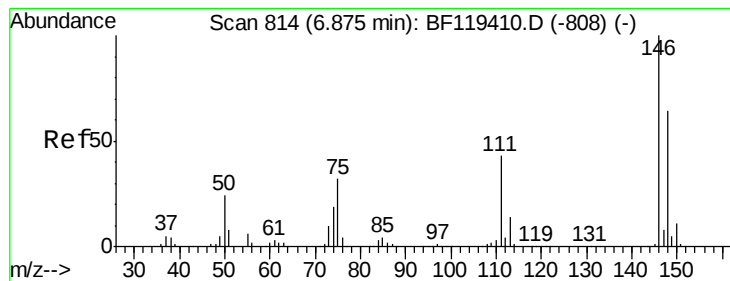
148 64.9 51.4 77.0

75 31.2 25.8 38.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.11 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

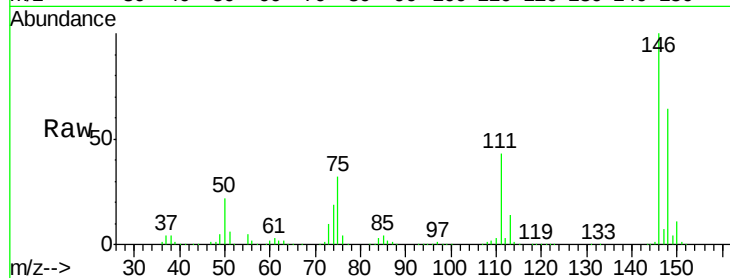
Tgt Ion:146 Resp: 1216839

Ion Ratio Lower Upper

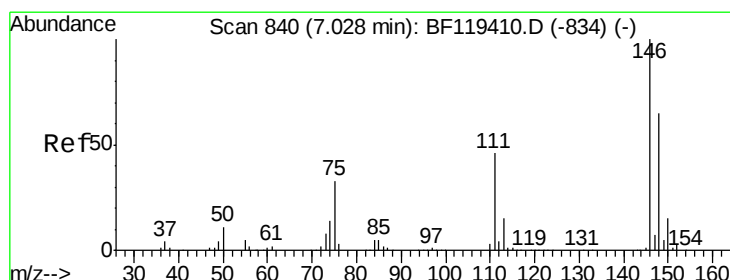
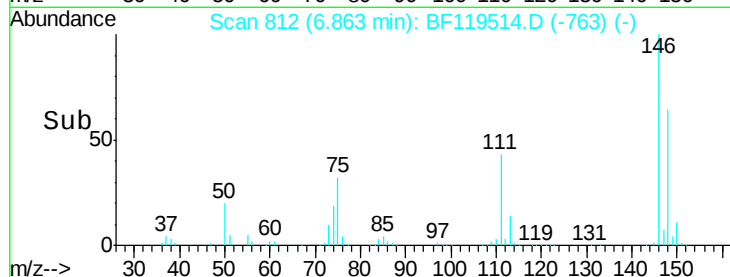
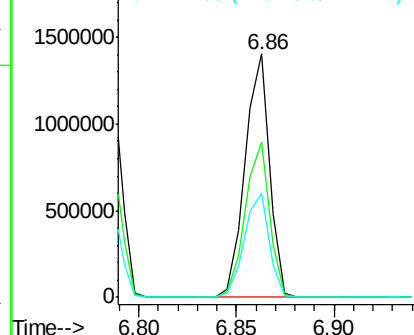
146 100

148 63.5 50.9 76.3

111 42.6 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: 47.11 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

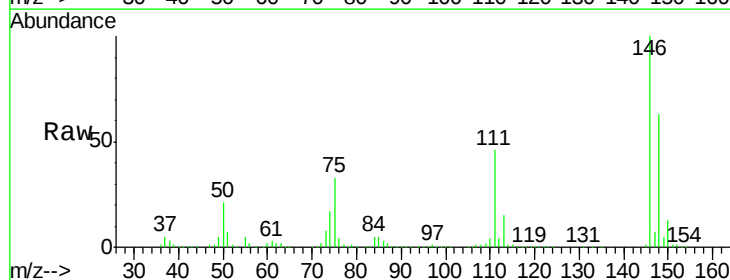
Tgt Ion:146 Resp: 1137360

Ion Ratio Lower Upper

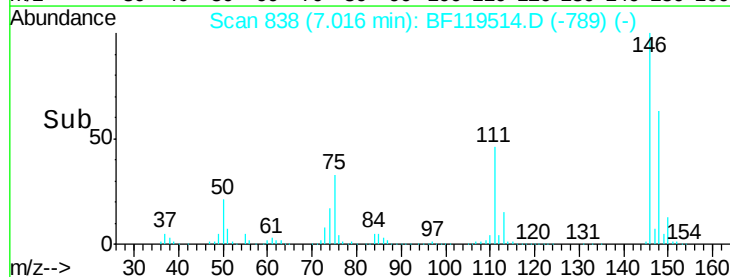
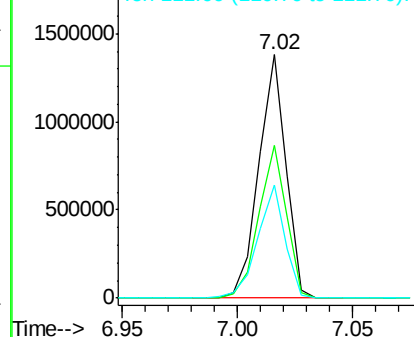
146 100

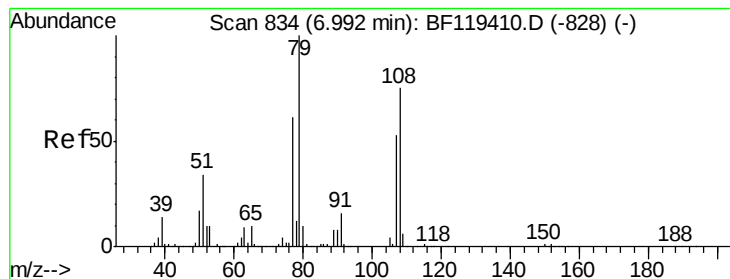
148 63.0 51.7 77.5

111 46.5 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: 46.51 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

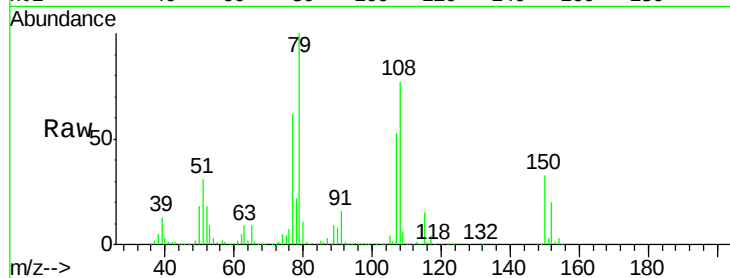
Tgt Ion: 79 Resp: 1015270

Ion Ratio Lower Upper

79 100

108 76.7 60.4 90.6

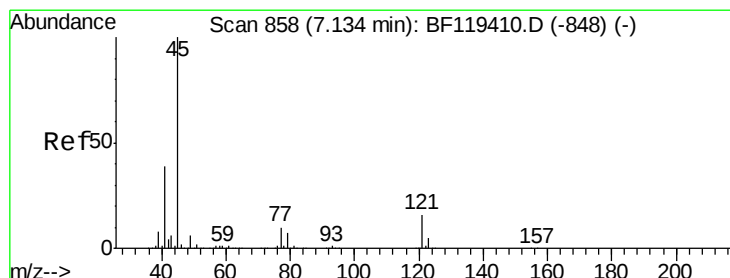
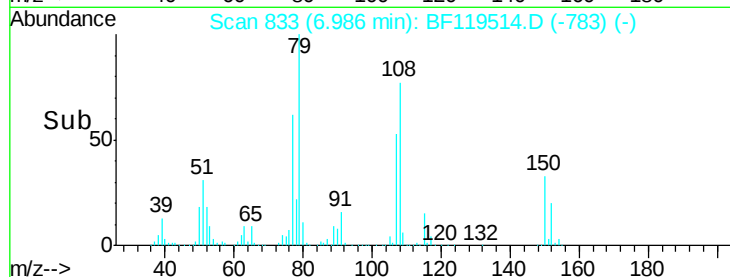
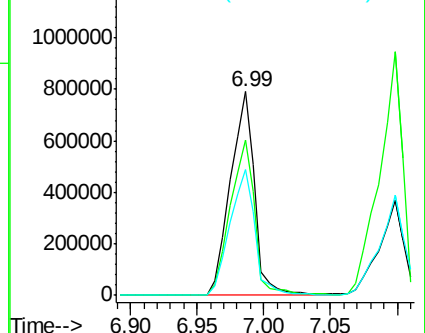
77 62.1 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.24 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

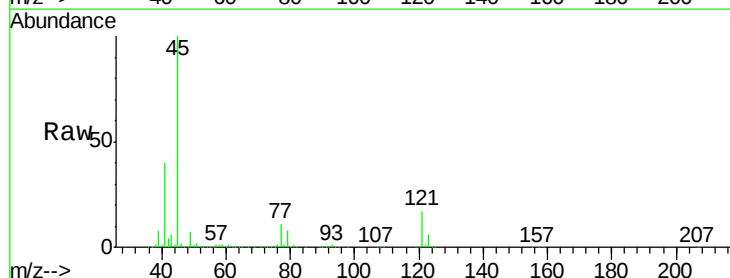
Tgt Ion: 45 Resp: 2209924

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.1

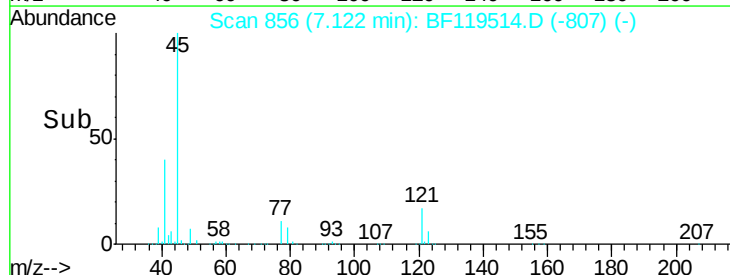
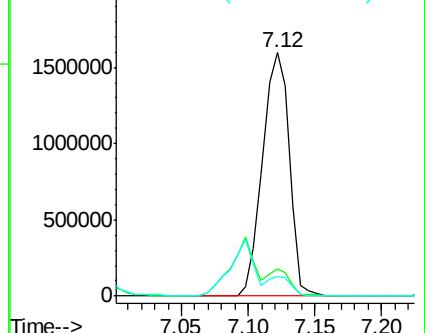
79 8.3 0.0 27.4

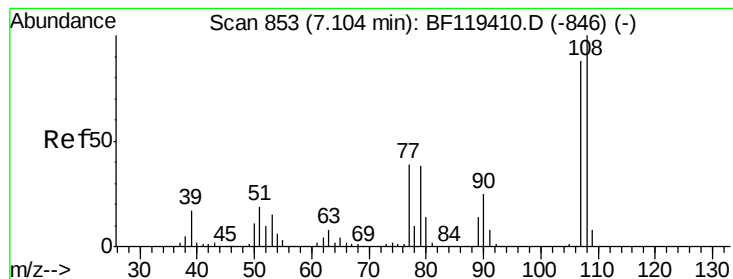


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.02 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:107 Resp: 984179

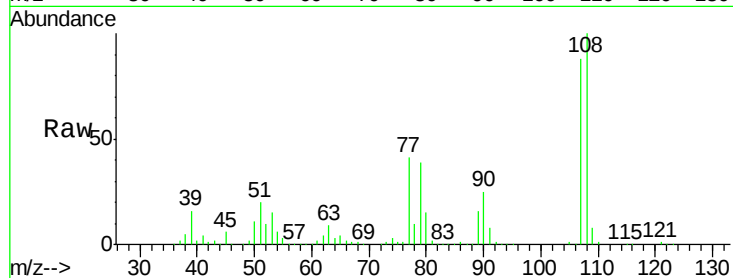
Ion Ratio Lower Upper

107 100

108 113.3 90.7 136.1

77 46.9 35.6 53.4

79 44.5 34.7 52.1



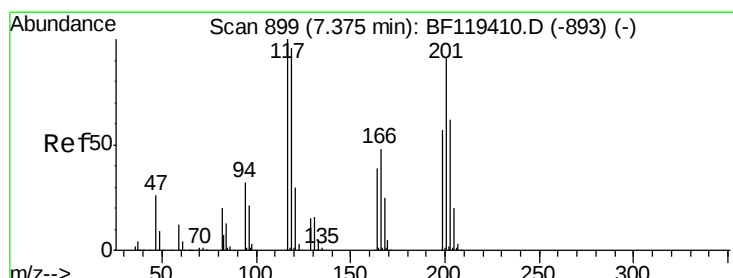
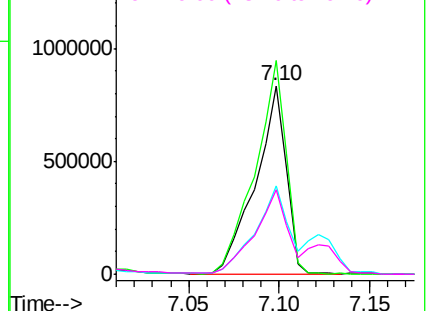
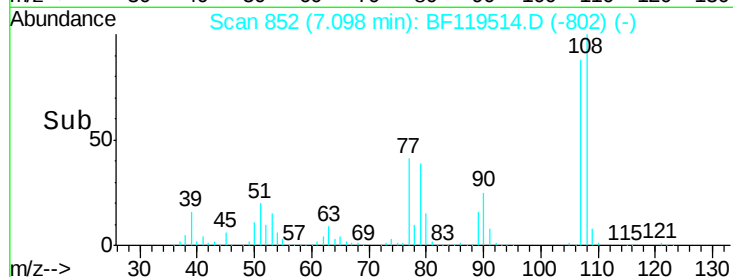
Abundance

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: 50.33 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

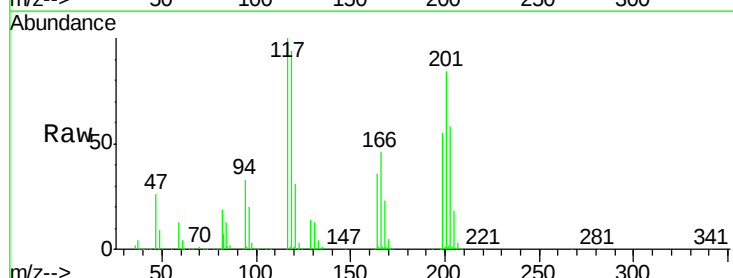
Tgt Ion:117 Resp: 476428

Ion Ratio Lower Upper

117 100

119 94.2 76.8 115.2

201 84.4 72.5 108.7

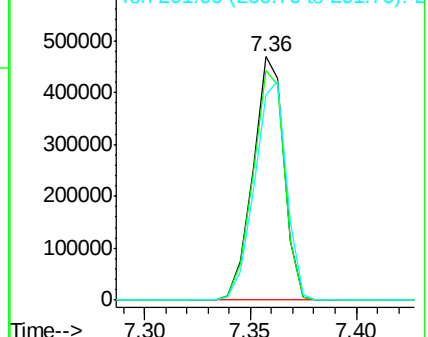
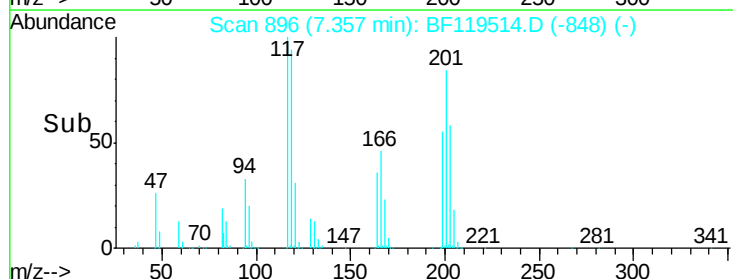


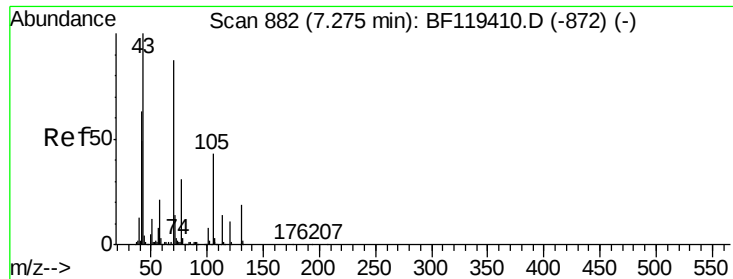
Abundance

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

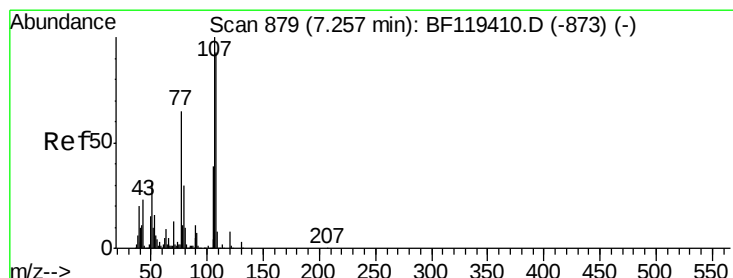
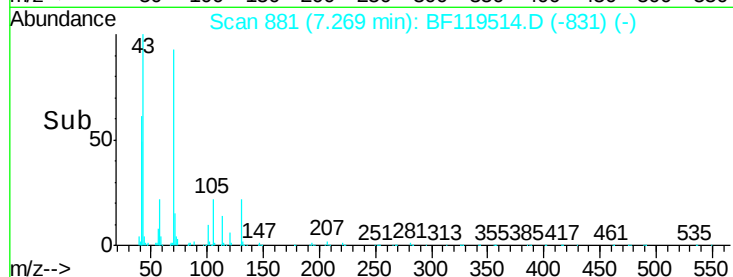
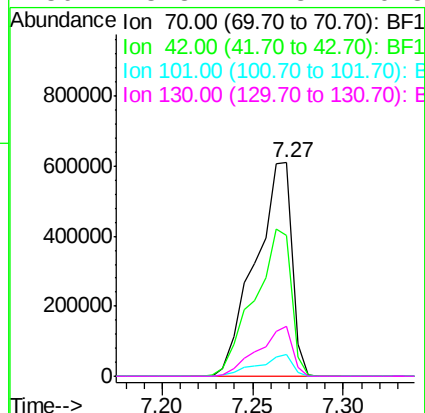
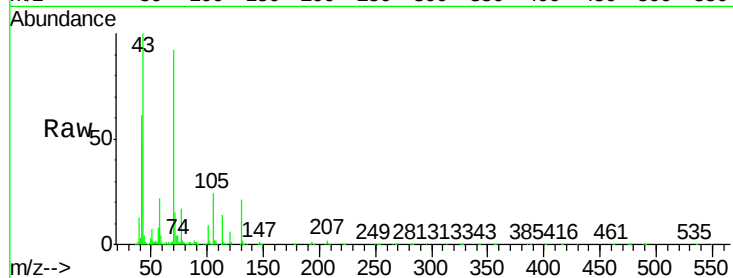




#19
n-Nitroso-di-n-propylamine
Concen: 49.11 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

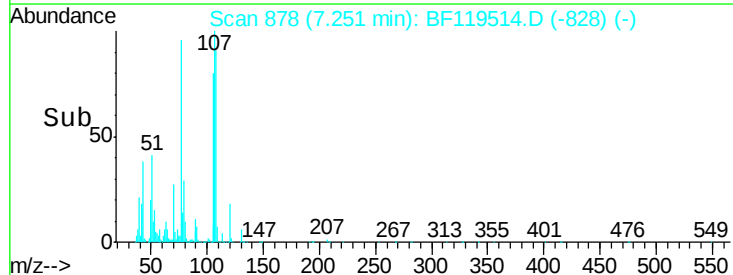
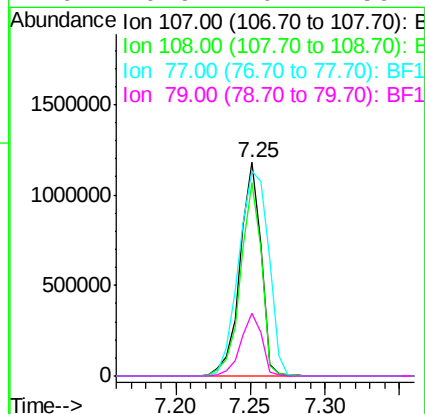
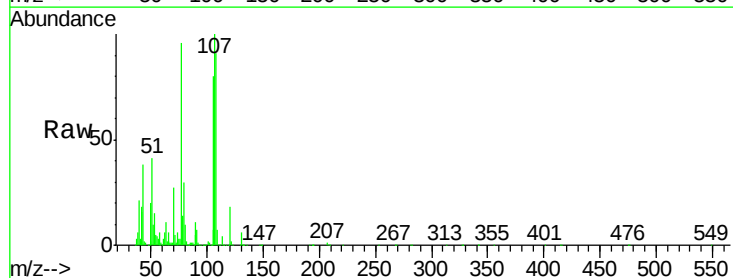
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

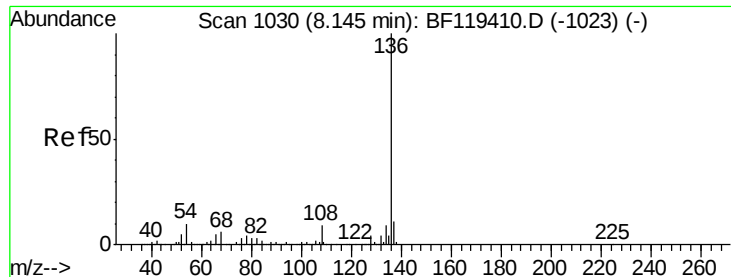
Tgt Ion:	70	Resp:	859097
Ion	Ratio	Lower	Upper
70	100		
42	66.1	58.2	87.4
101	10.2	7.4	11.2
130	23.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 43.27 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:	107	Resp:	1159273
Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.6	112.6
77	95.6	44.7	84.7
79	29.6	10.2	50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:136 Resp: 1415157

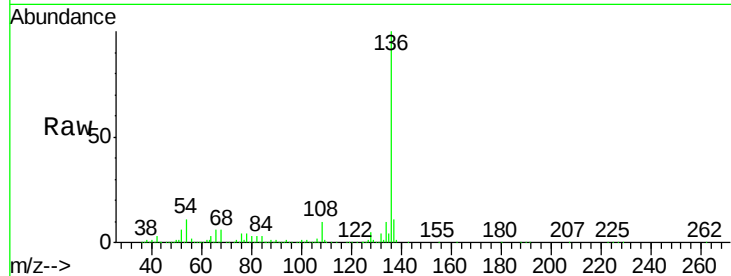
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.5 8.3 12.5

68 6.1 4.9 7.3

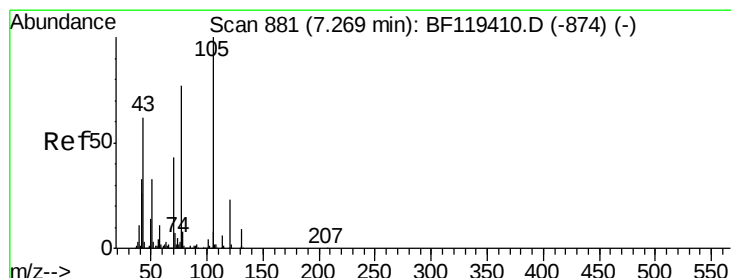
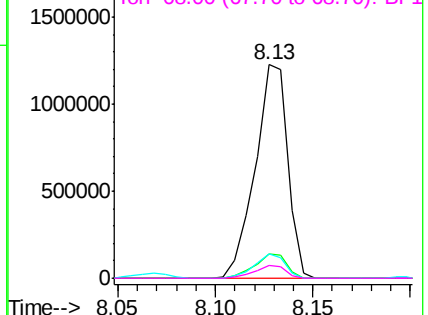
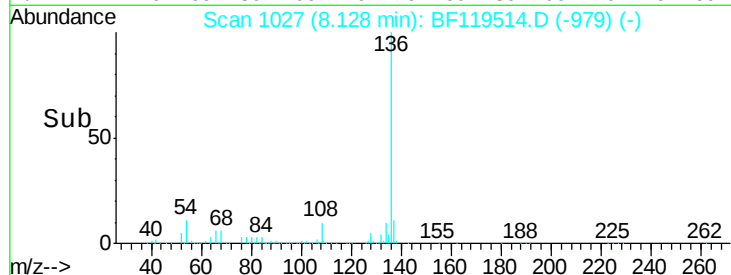


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.26 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion:105 Resp: 1564237

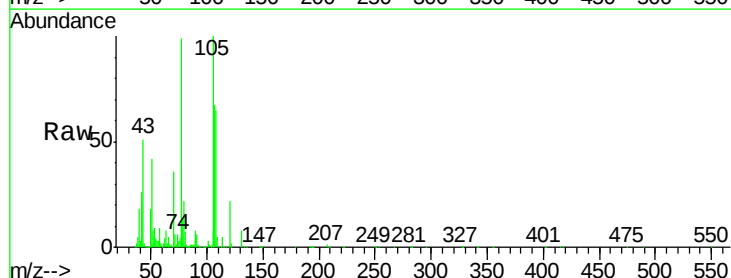
Ion Ratio Lower Upper

105 100

71 5.9 5.8 8.6

51 41.6 26.8 40.2#

120 22.0 18.0 27.0

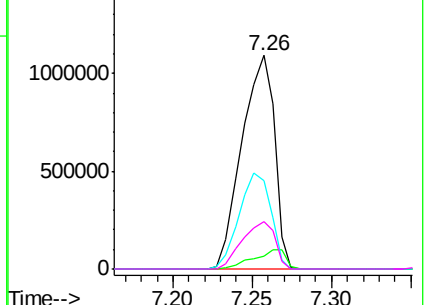
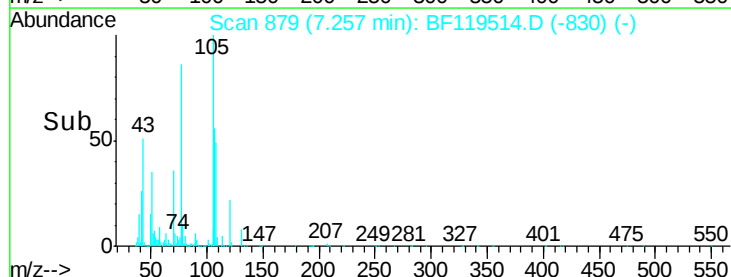


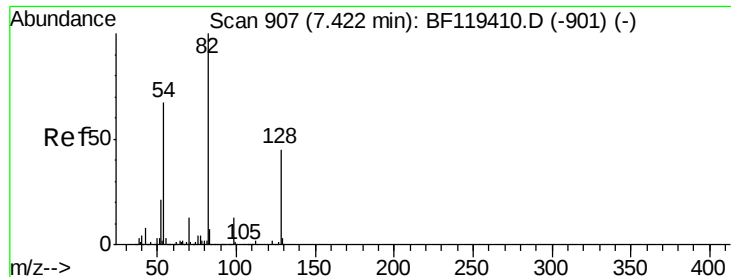
Abundance Ion 105.00 (104.70 to 105.70): E

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

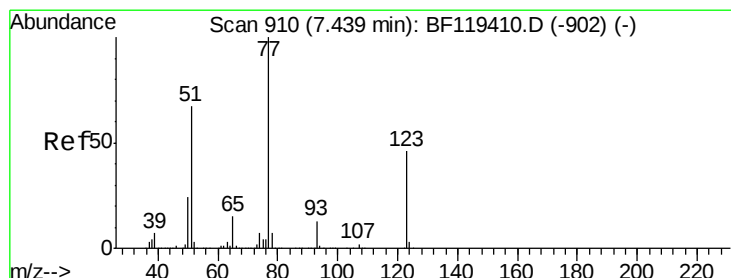
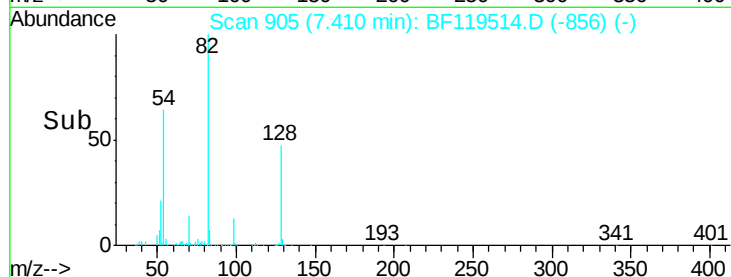
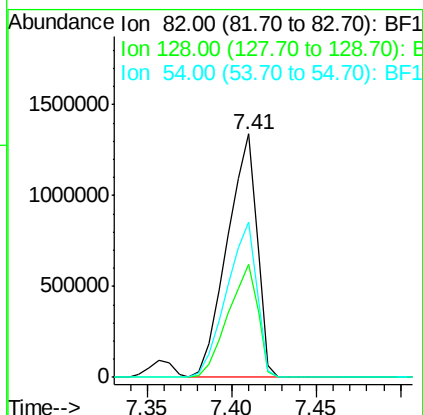
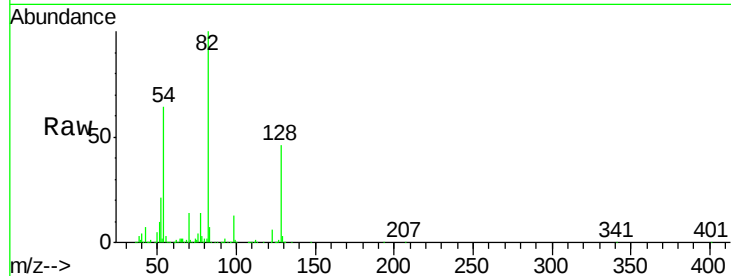




#23
 Nitrobenzene-d5
 Concen: 63.24 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

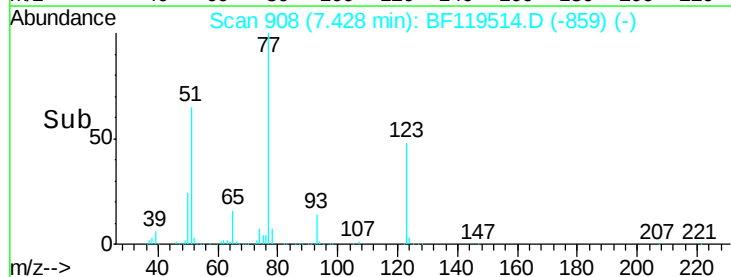
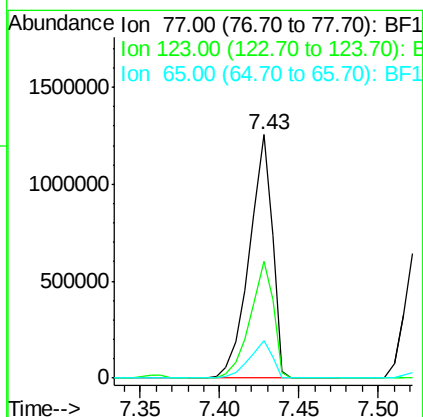
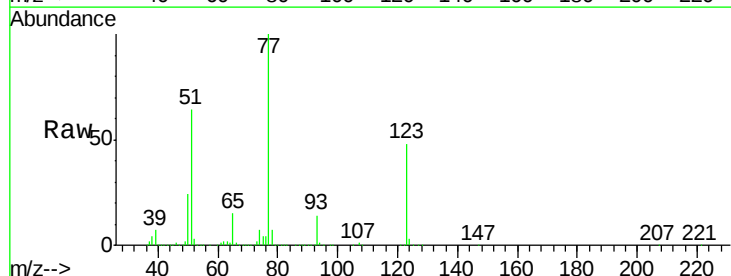
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

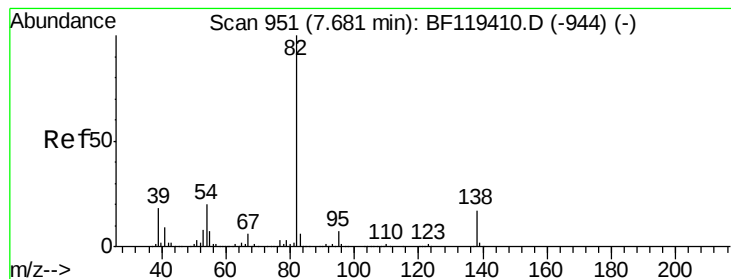
Tgt Ion: 82 Resp: 1646735
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.8 53.8
 54 63.8 53.4 80.0



#24
 Nitrobenzene
 Concen: 45.36 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion: 77 Resp: 1262118
 Ion Ratio Lower Upper
 77 100
 123 48.1 36.9 55.3
 65 15.4 12.2 18.4





#25

Isophorone

Concen: 46.02 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

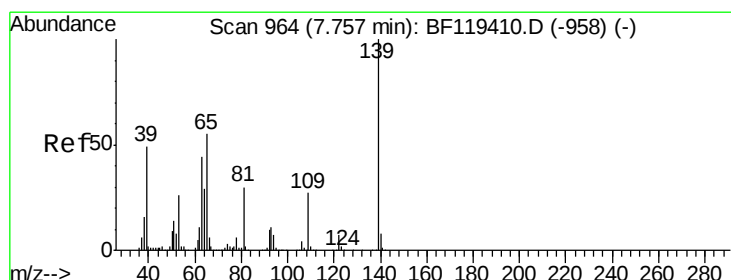
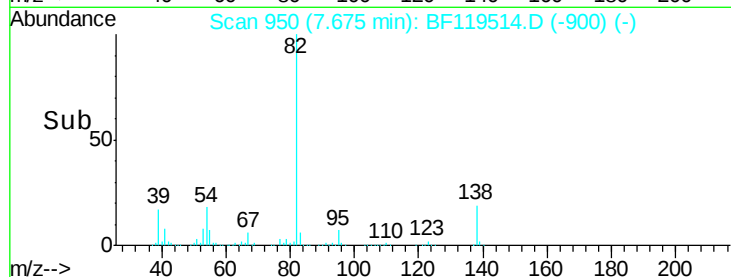
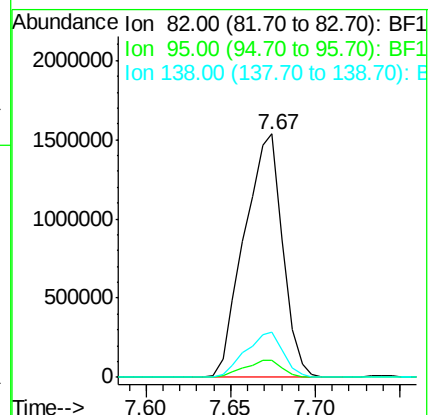
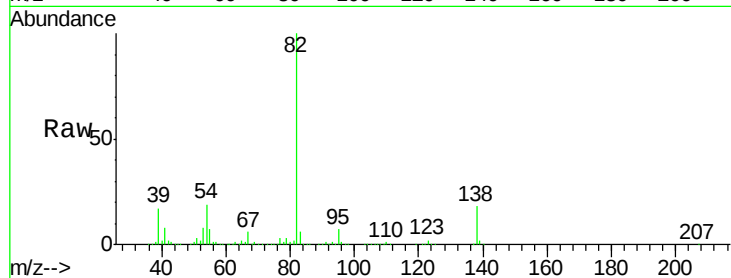
Tgt Ion: 82 Resp: 2430828

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.3 13.8 20.8



#26

2-Nitrophenol

Concen: 59.25 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

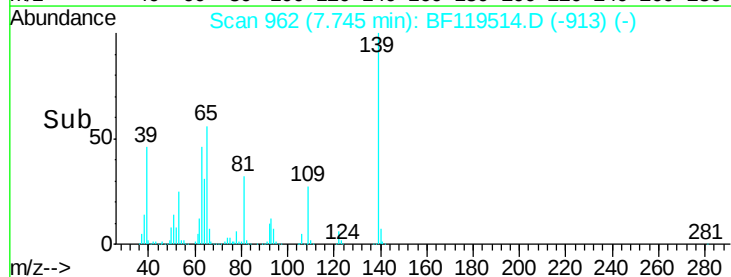
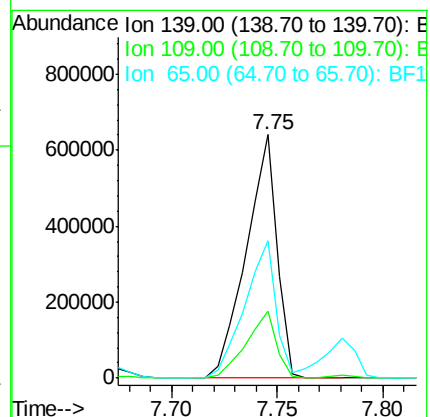
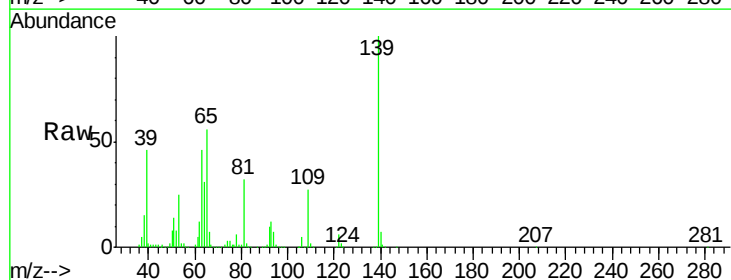
Tgt Ion: 139 Resp: 649226

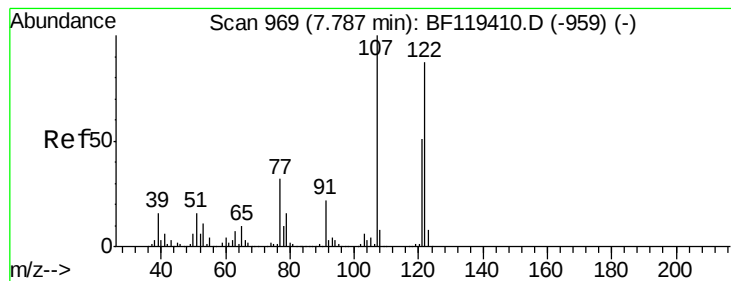
Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

65 56.2 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 48.94 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

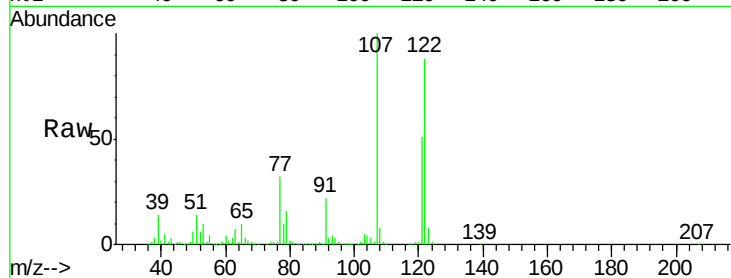
Tgt Ion:122 Resp: 1108831

Ion Ratio Lower Upper

122 100

107 113.5 91.8 137.6

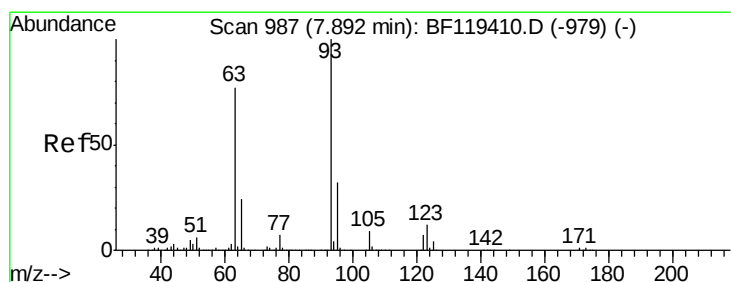
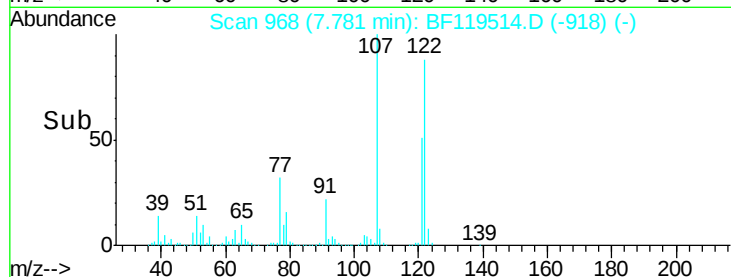
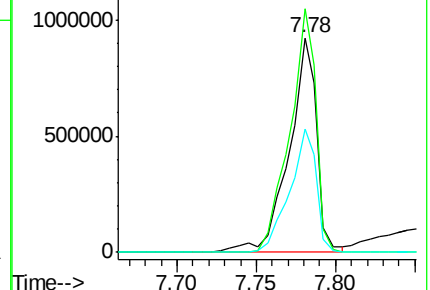
121 57.4 46.5 69.7



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: 48.64 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

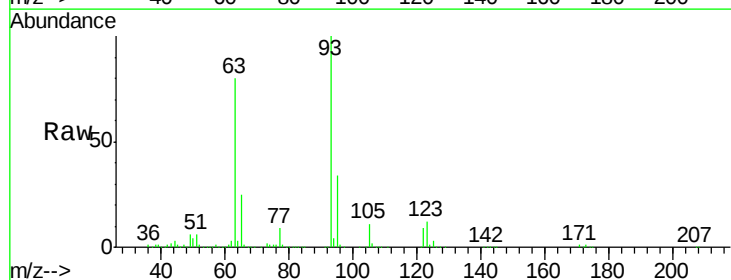
Tgt Ion: 93 Resp: 1519201

Ion Ratio Lower Upper

93 100

95 33.7 26.0 39.0

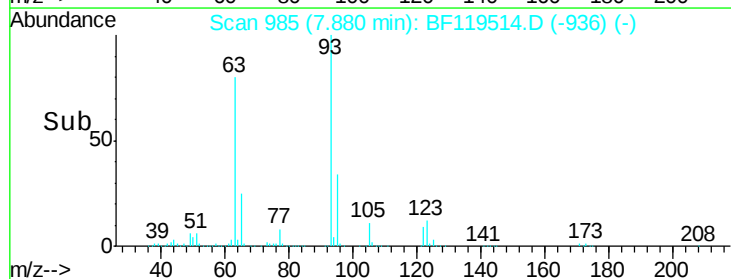
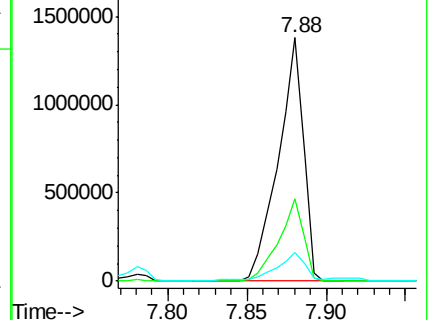
123 12.0 9.7 14.5



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

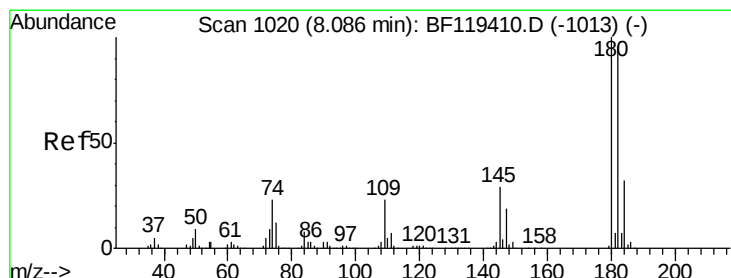
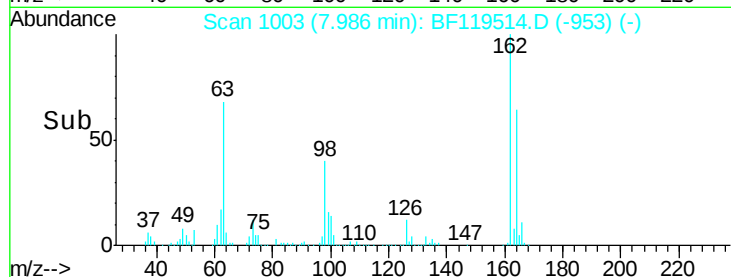
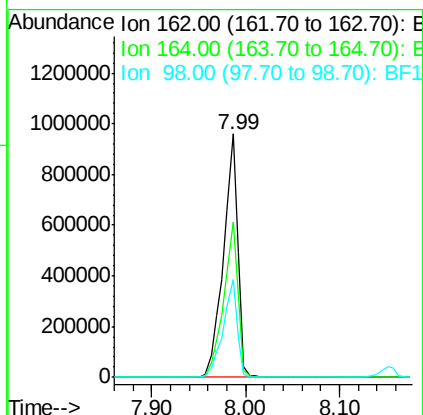
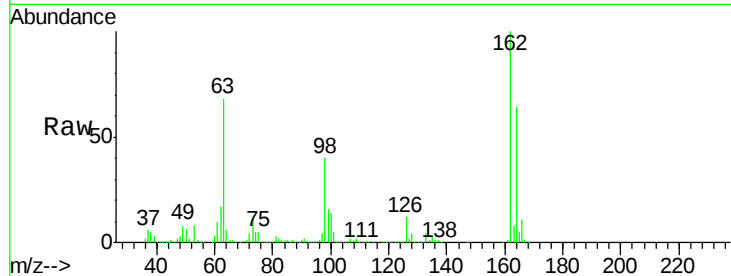




#29
 2,4-Dichlorophenol
 Concen: 49.46 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

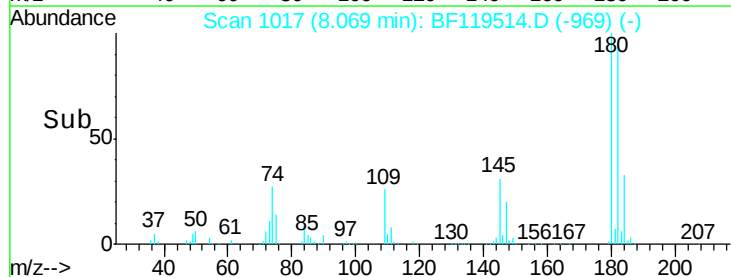
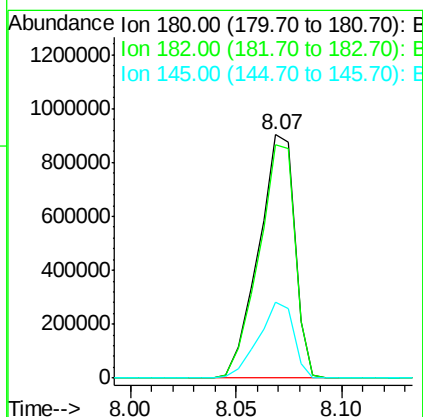
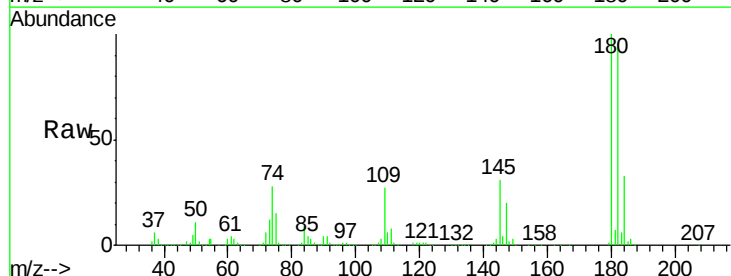
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

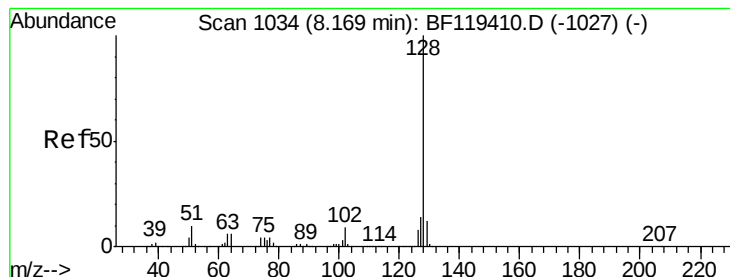
Tgt Ion:162 Resp: 1029587
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.6 83.6
 98 40.0 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 46.78 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:180 Resp: 1076914
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 115.0
 145 31.2 23.2 34.8





#31

Naphthalene

Concen: 45.65 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

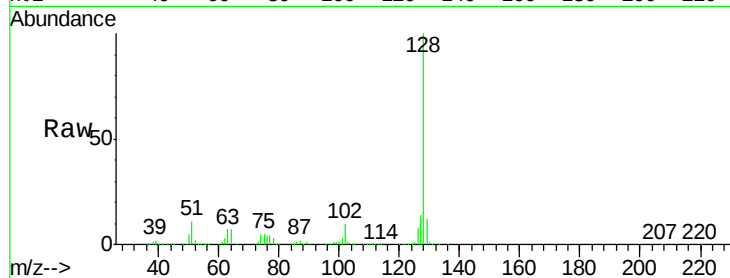
Tgt Ion:128 Resp: 3324696

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

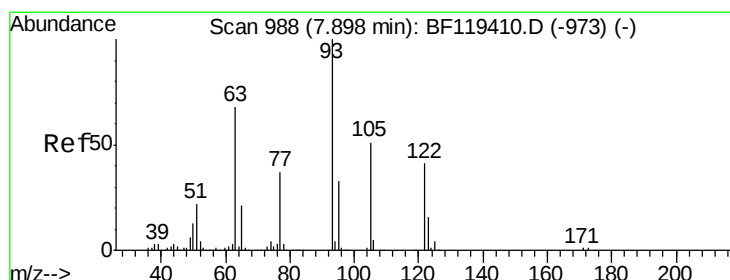
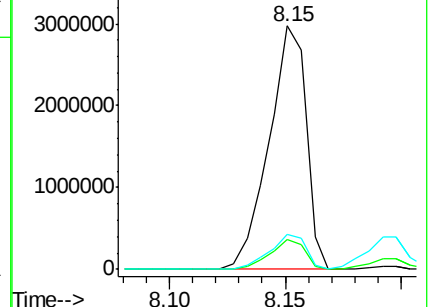
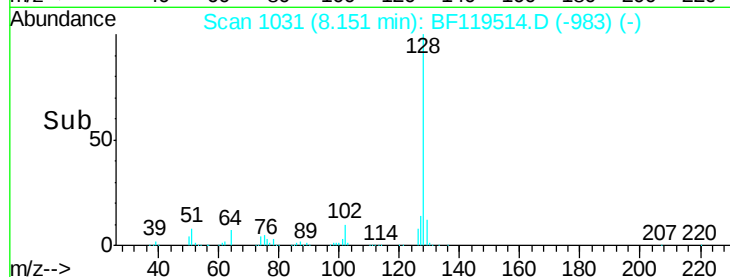
127 14.3 11.0 16.4



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: 60.15 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

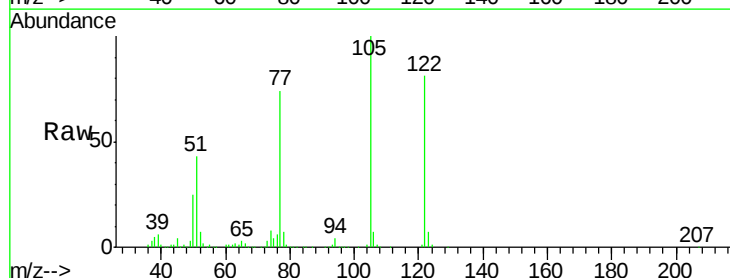
Tgt Ion:122 Resp: 876590

Ion Ratio Lower Upper

122 100

105 124.0 102.9 142.9

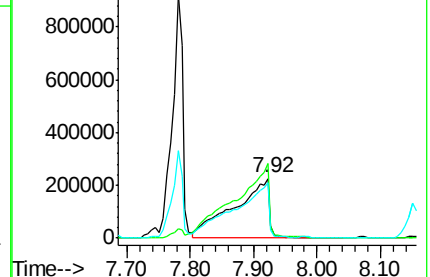
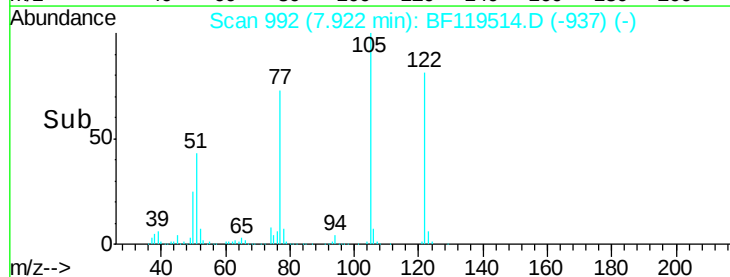
77 91.6 70.1 110.1

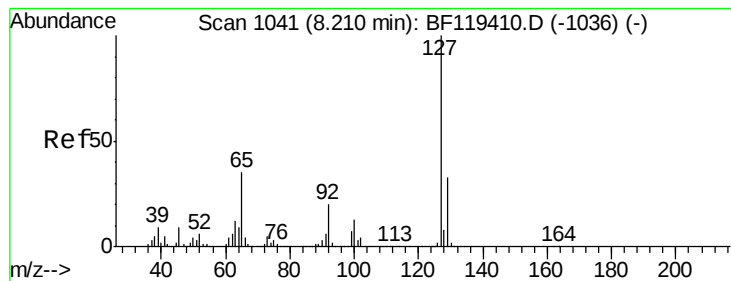


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

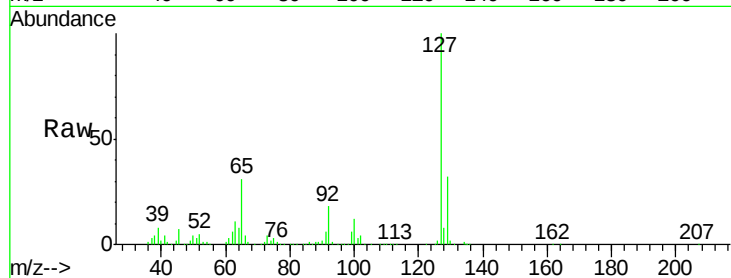




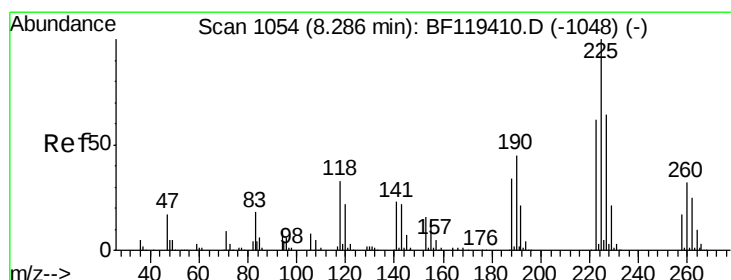
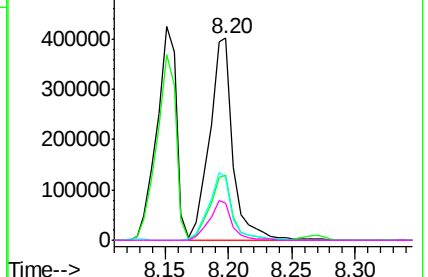
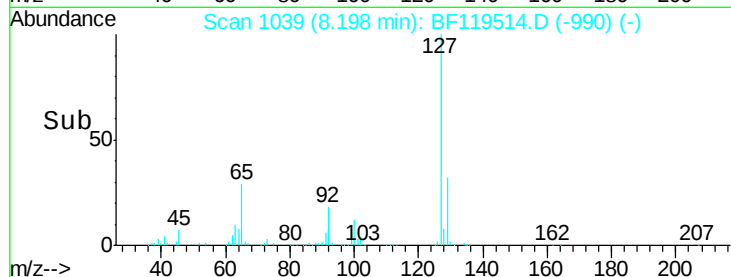
#33
4-Chloroaniline
Concen: 15.57 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion:	127	Resp:	519492
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	31.0	27.7	41.5
92	18.4	15.8	23.6

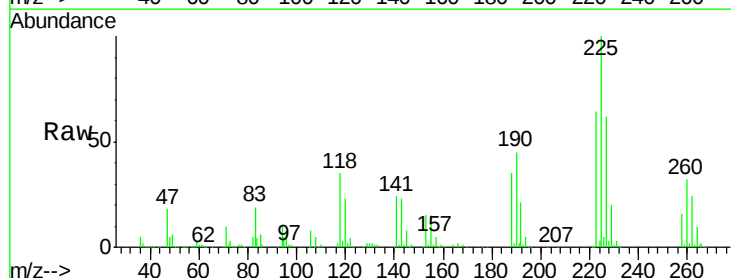


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

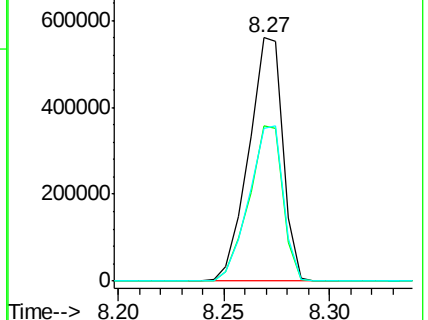
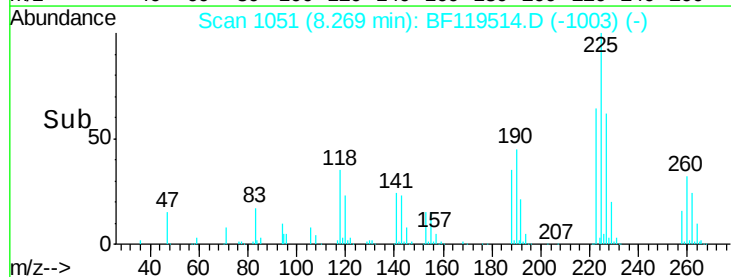


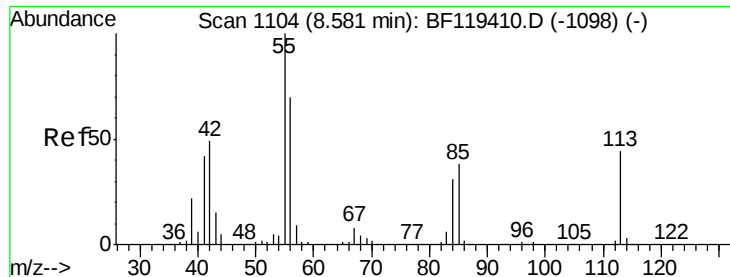
#34
Hexachlorobutadiene
Concen: 48.93 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:	225	Resp:	630306
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.2	73.8
227	62.5	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: 27.35 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

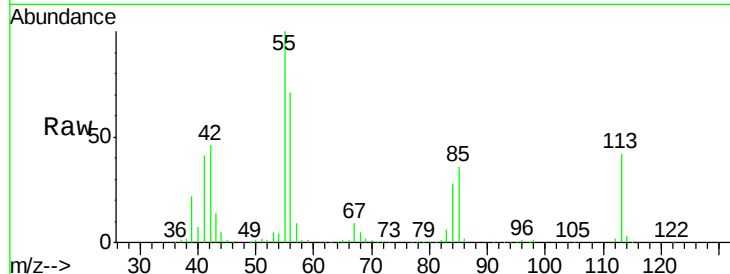
Tgt Ion:113 Resp: 186322

Ion Ratio Lower Upper

113 100

55 237.1 208.4 248.4

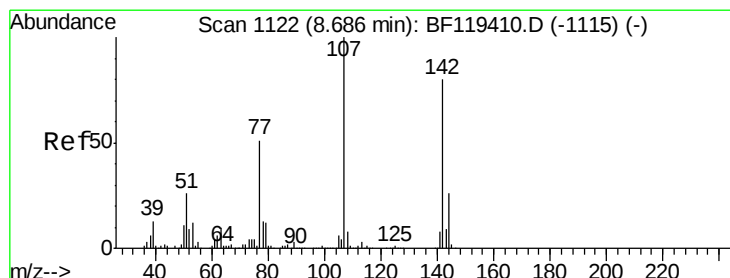
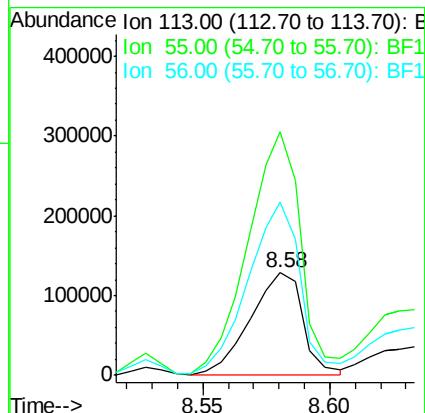
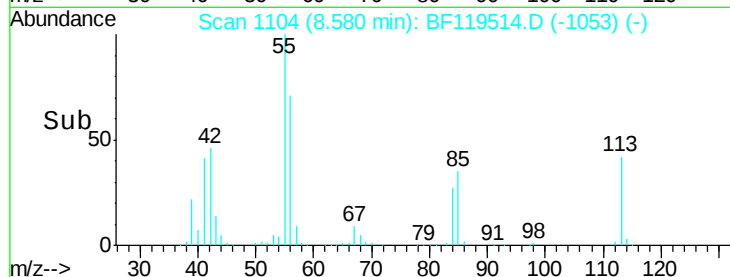
56 168.8 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.75 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

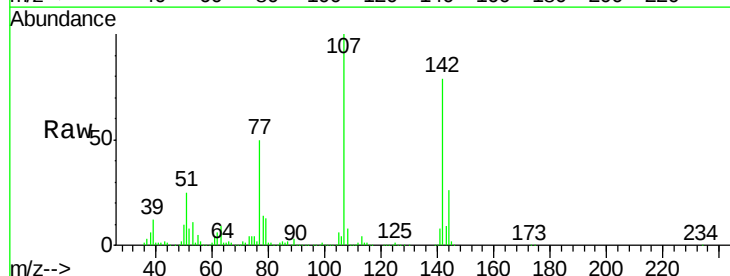
Tgt Ion:107 Resp: 1109060

Ion Ratio Lower Upper

107 100

144 25.7 20.6 31.0

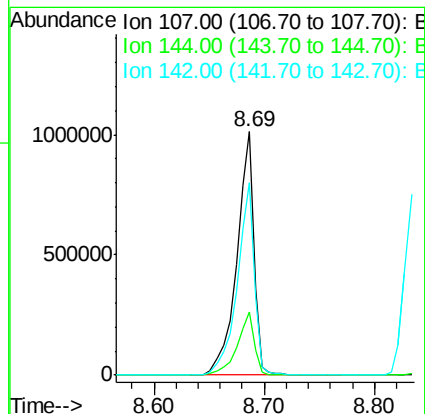
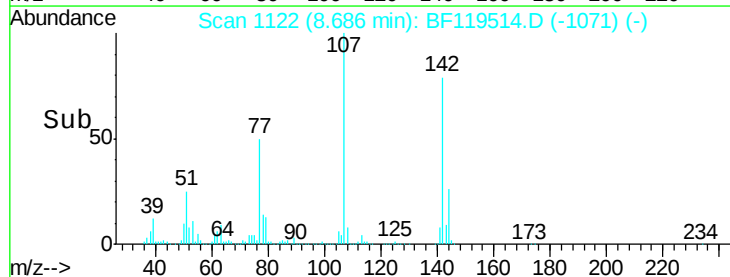
142 79.1 63.8 95.6

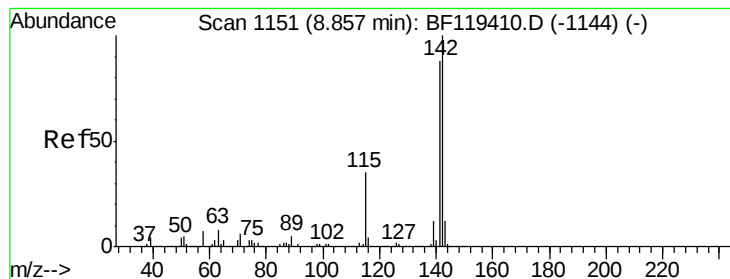


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.20 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

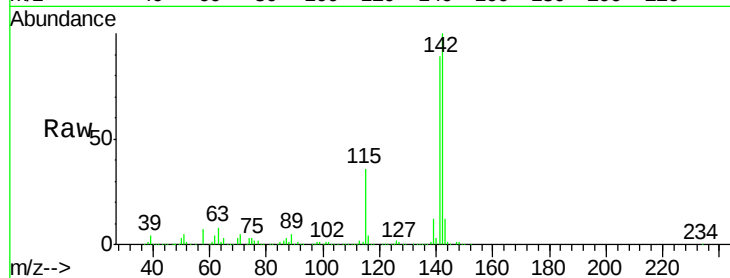
Tgt Ion:142 Resp: 2351261

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

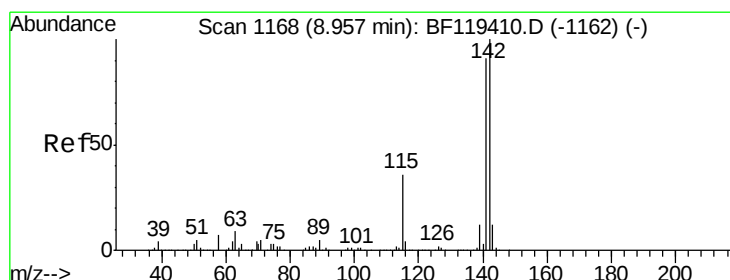
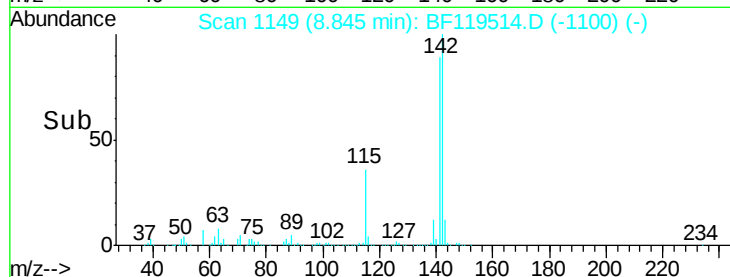
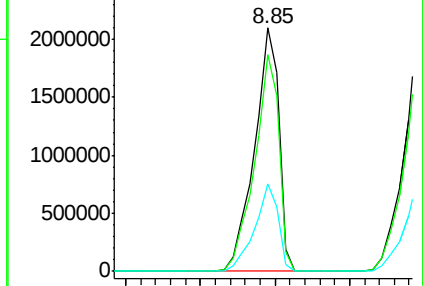
115 35.9 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.16 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

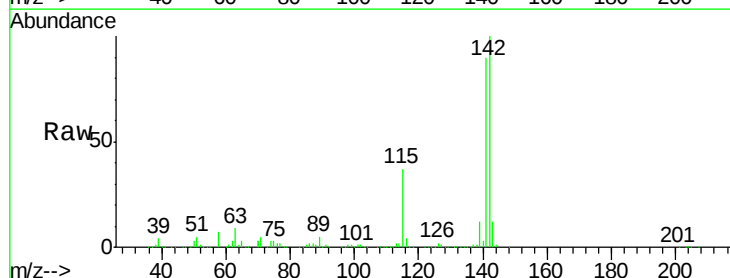
Tgt Ion:142 Resp: 2224050

Ion Ratio Lower Upper

142 100

141 89.7 73.1 109.7

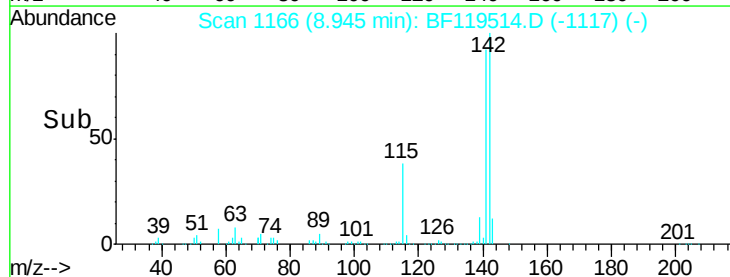
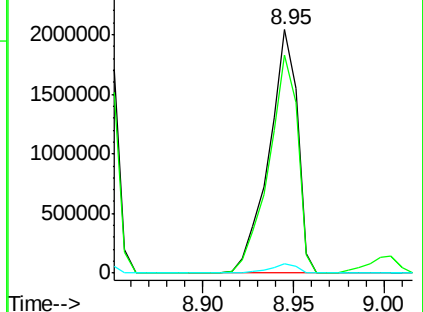
116 4.0 3.0 4.6

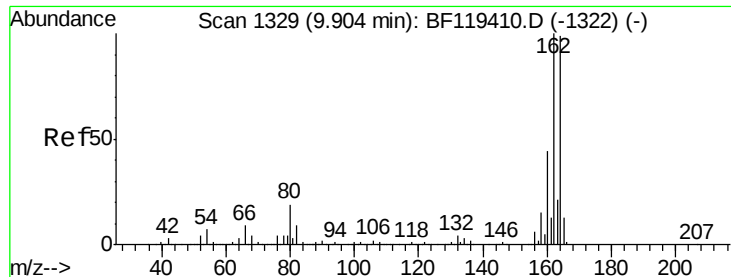


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

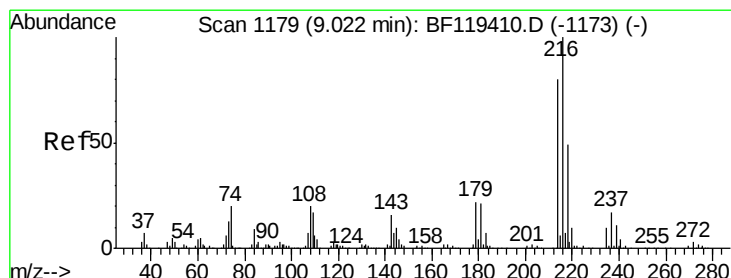
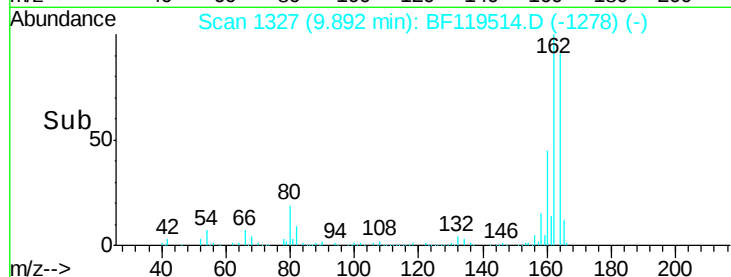
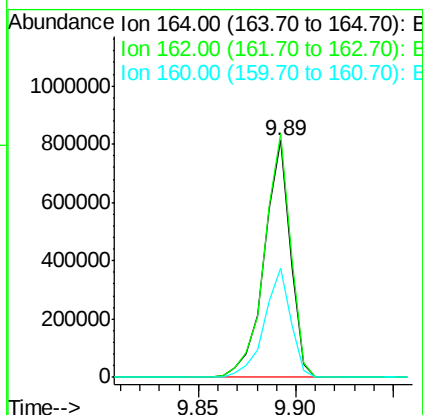
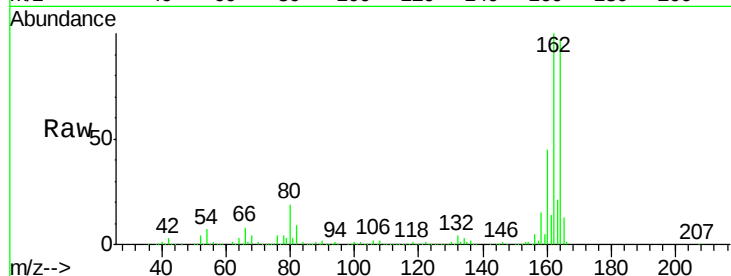




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

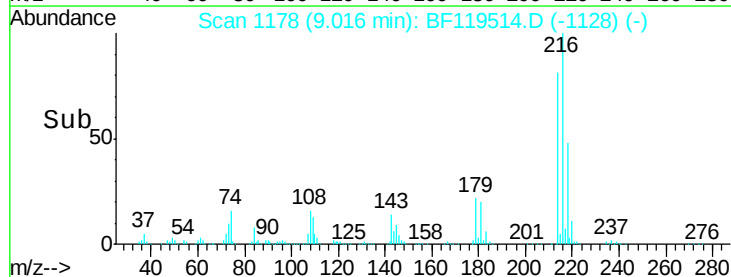
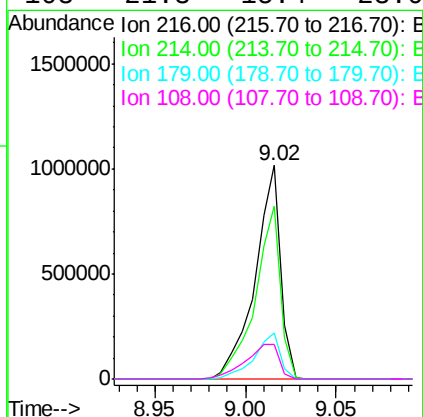
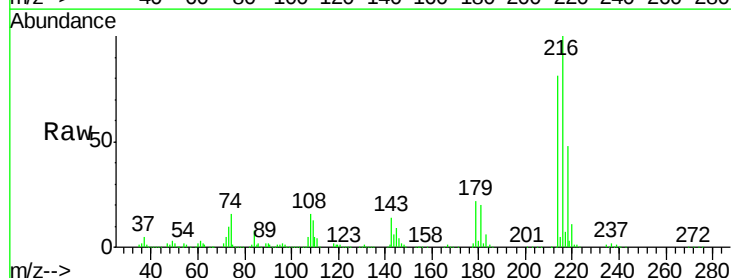
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

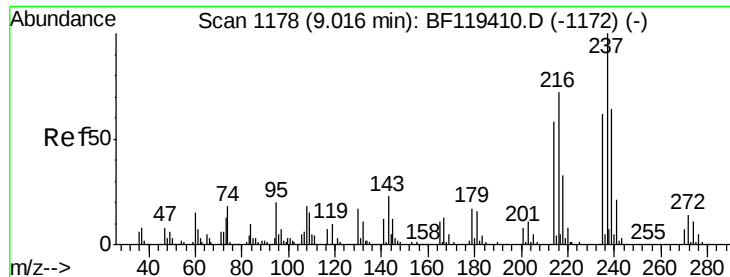
Tgt Ion:164 Resp: 757197
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 46.0 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.91 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:216 Resp: 996703
Ion Ratio Lower Upper
216 100
214 80.4 63.0 94.6
179 21.8 17.0 25.4
108 21.3 15.4 23.0

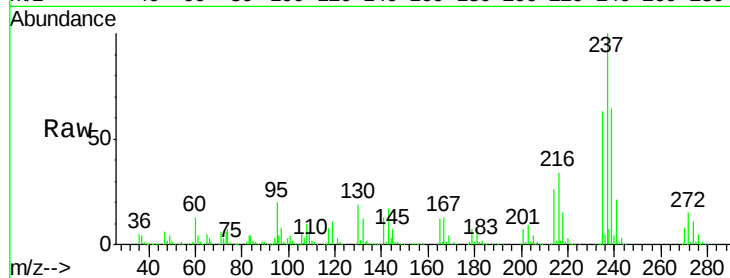




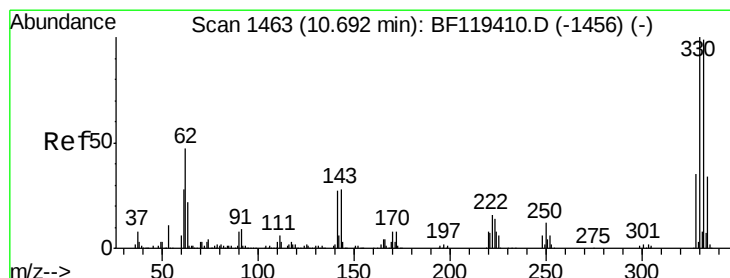
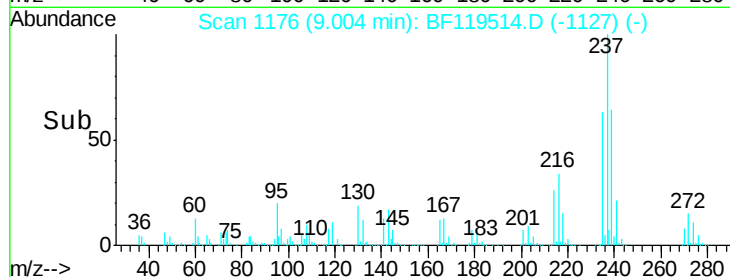
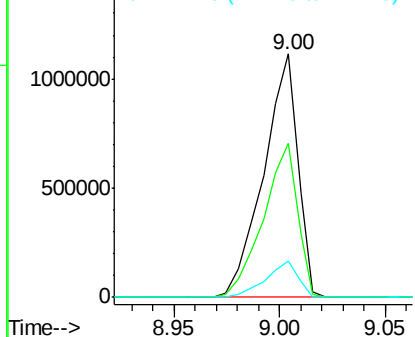
#41
Hexachlorocyclopentadiene
Concen: 99.33 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion: 237 Resp: 1253262
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 14.9 0.0 34.3

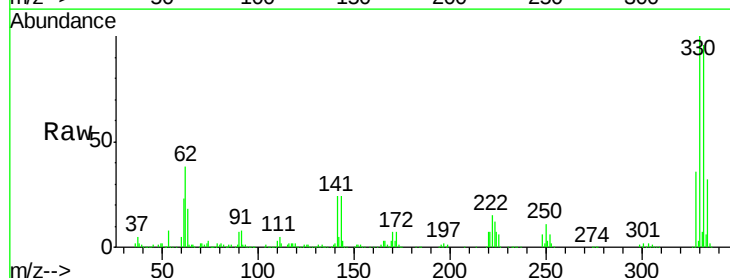


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

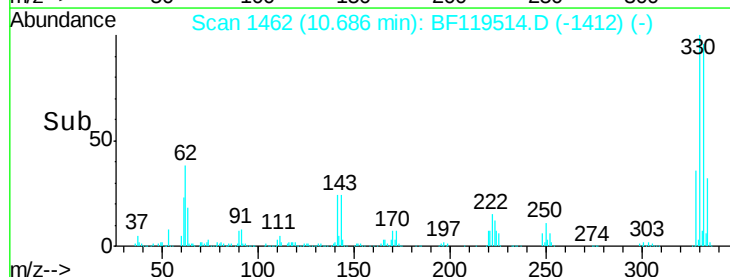
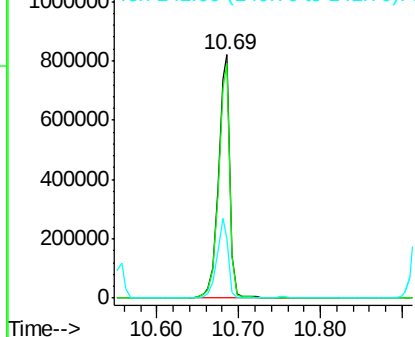


#42
2,4,6-Tribromophenol
Concen: 102.70 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion: 330 Resp: 802263
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 32.1 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

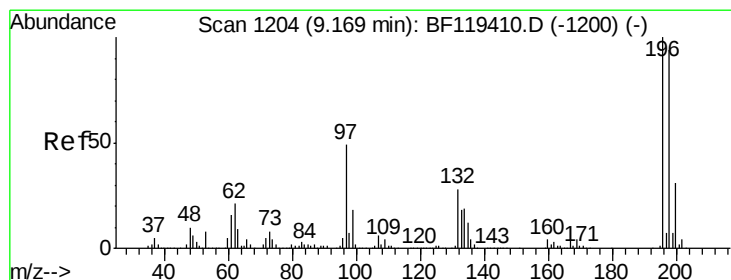
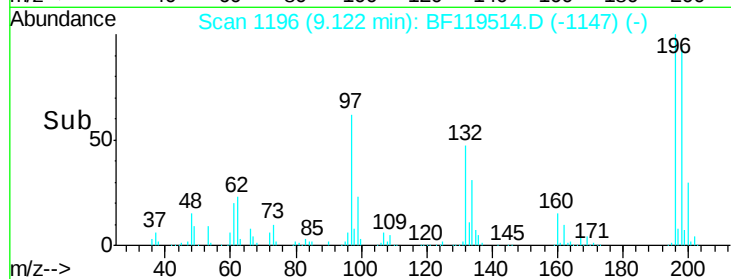
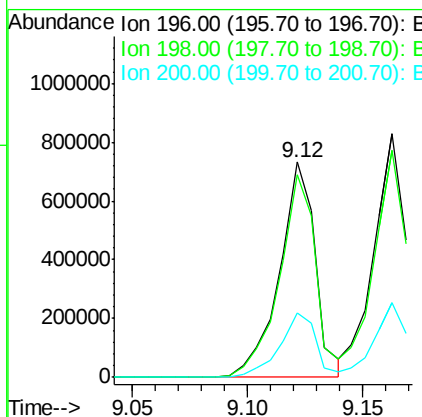
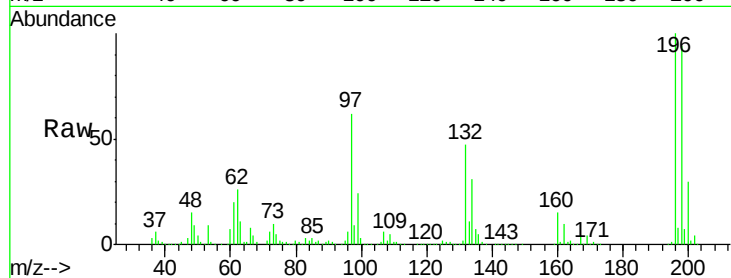




#43
 2,4,6-Trichlorophenol
 Concen: 49.60 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

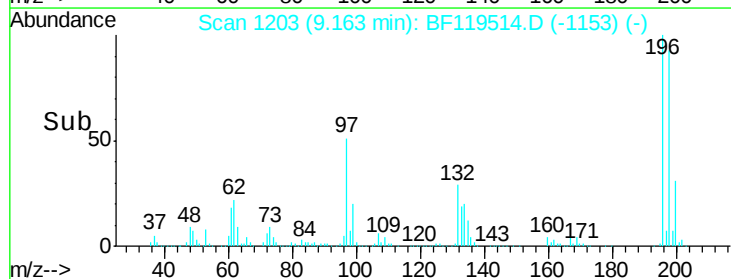
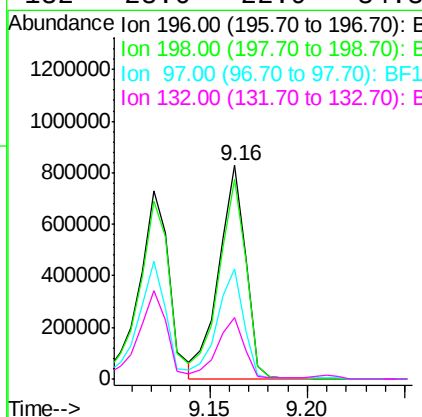
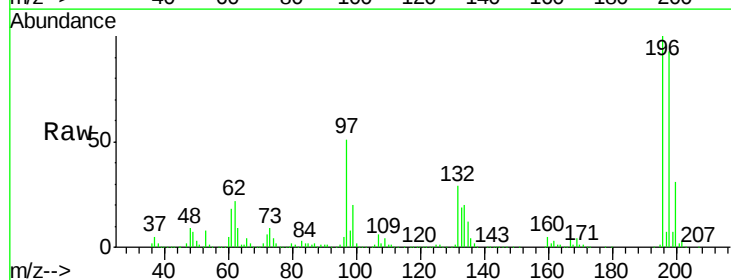
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

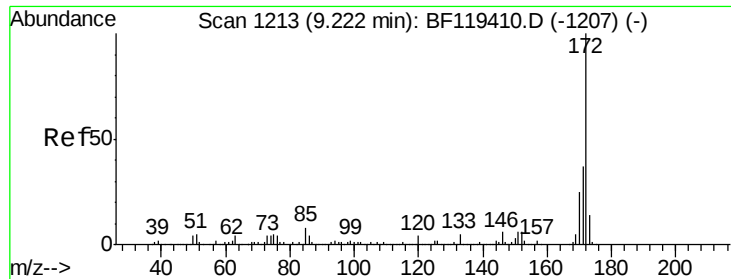
Tgt Ion:196 Resp: 787836
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.0 115.4
 200 30.2 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.67 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:196 Resp: 794820
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.3 112.9
 97 51.3 39.0 58.4
 132 28.6 22.9 34.3

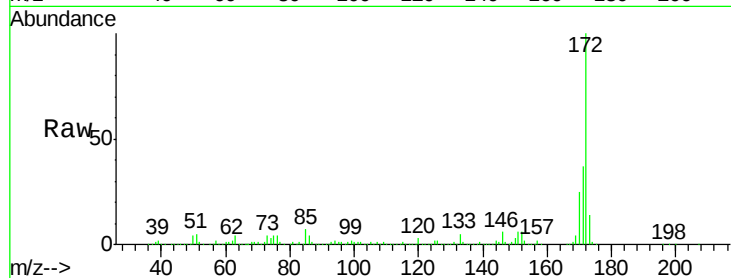




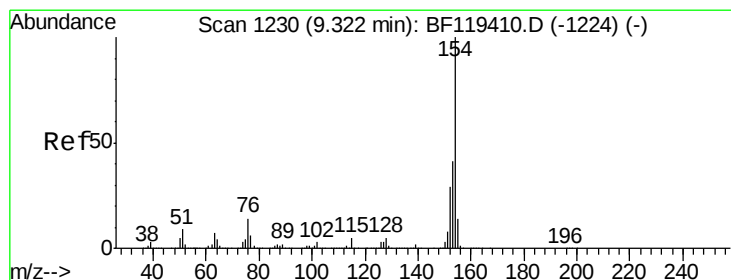
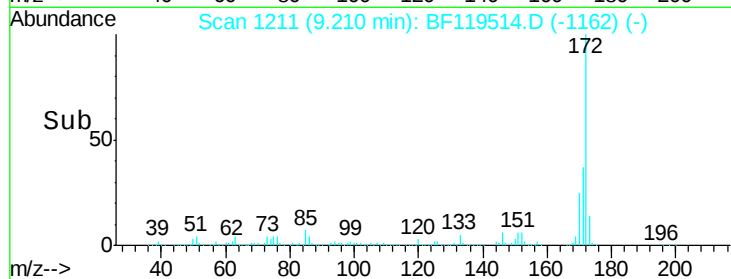
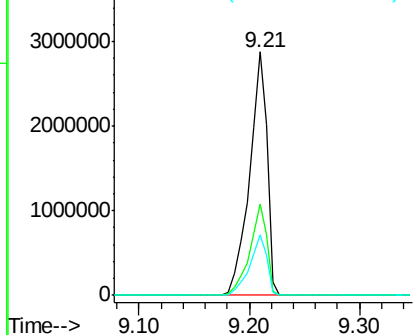
#45
 2-Fluorobiphenyl
 Concen: 62.75 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tgt Ion:172 Resp: 3207458
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 24.7 20.1 30.1

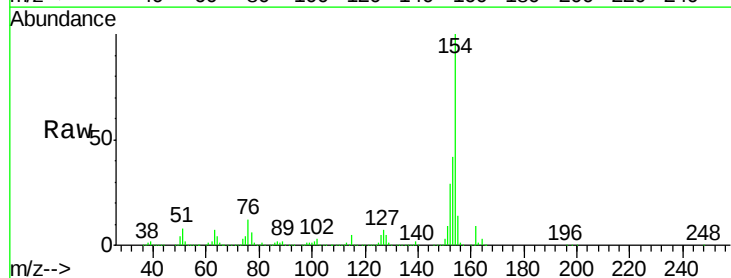


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

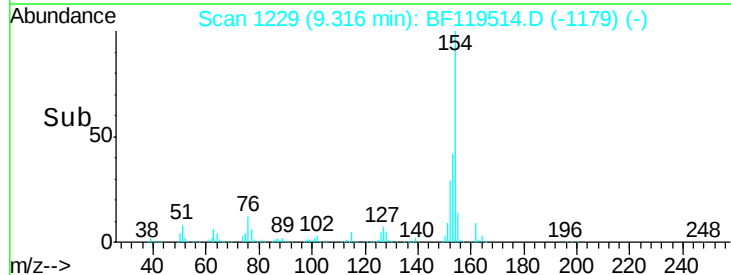
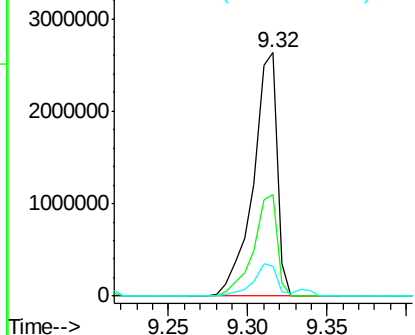


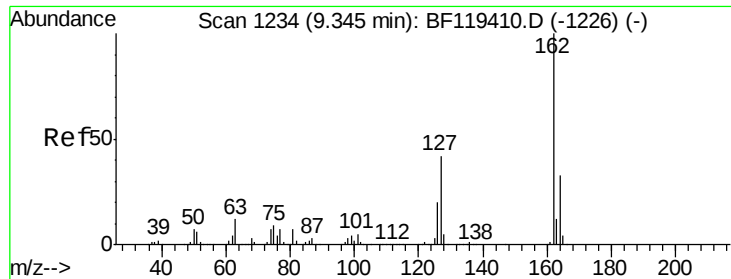
#46
 1,1'-Biphenyl
 Concen: 44.97 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:154 Resp: 2773413
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.4 61.4
 76 12.0 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

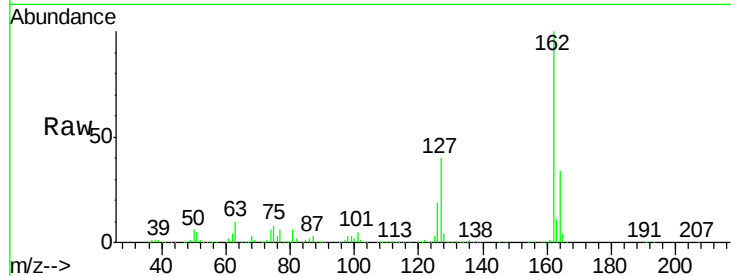




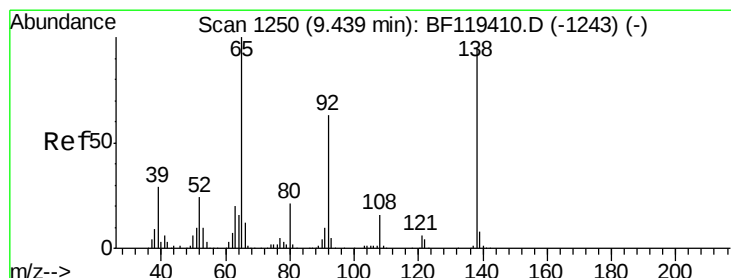
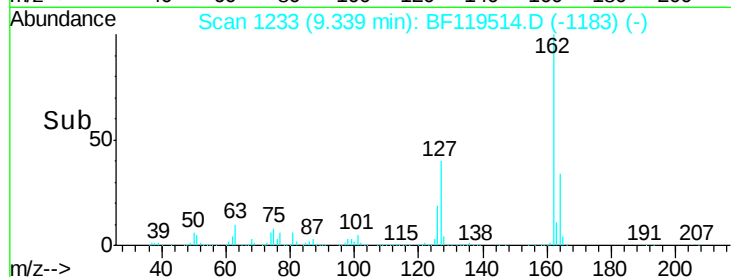
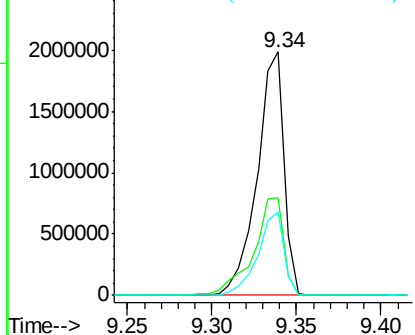
#47
 2-Chloronaphthalene
 Concen: 45.21 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tgt Ion: 162 Resp: 2183781
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.7 50.5
 164 34.1 26.2 39.4

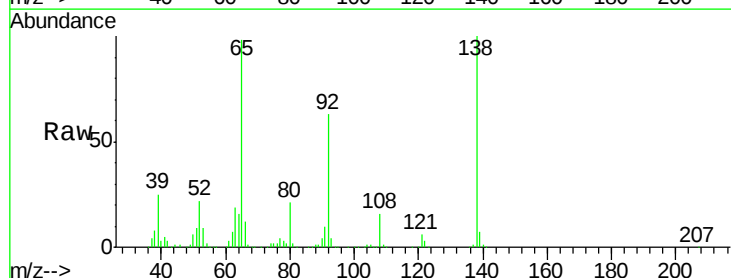


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

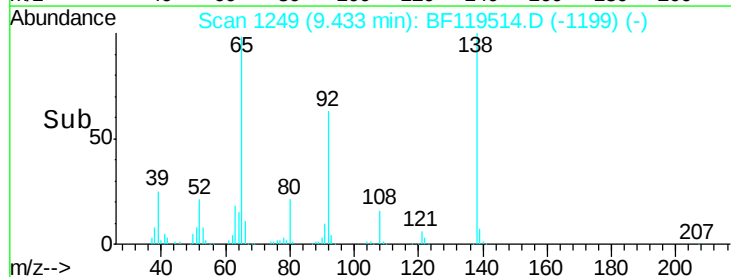
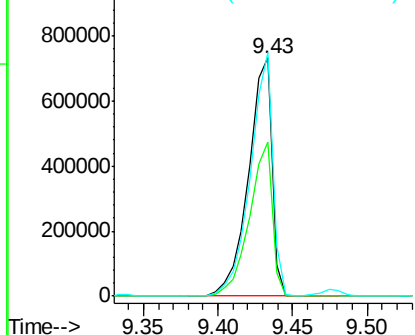


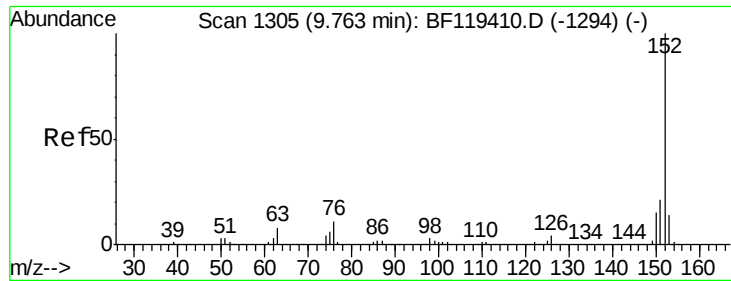
#48
 2-Nitroaniline
 Concen: 47.67 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion: 65 Resp: 794797
 Ion Ratio Lower Upper
 65 100
 92 64.6 50.5 75.7
 138 102.2 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: 44.34 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

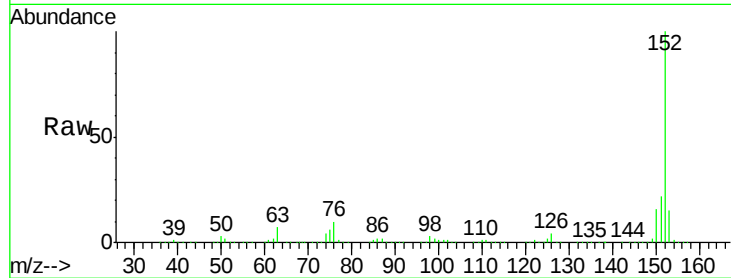
Tgt Ion:152 Resp: 3363650

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

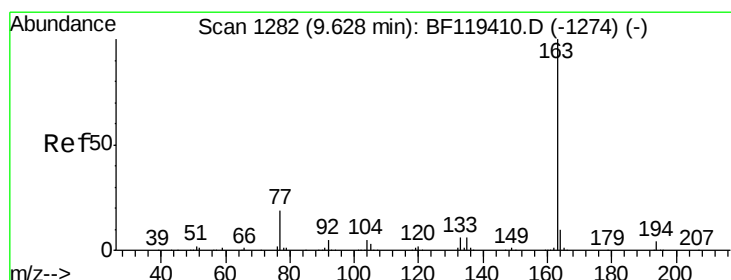
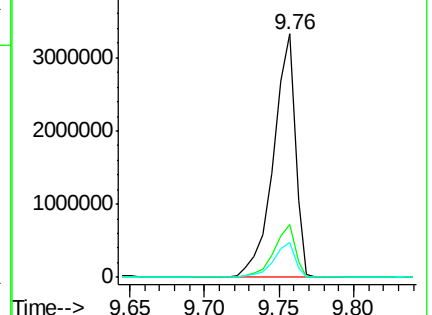
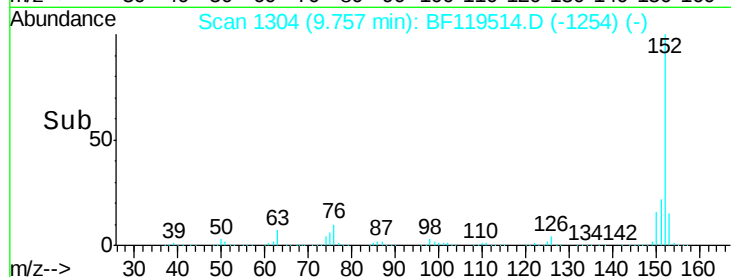
153 14.5 11.2 16.8



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: 53.85 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

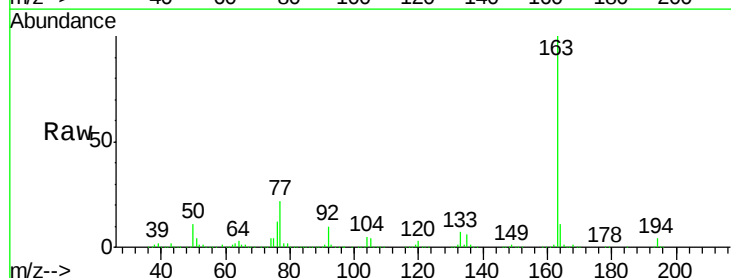
Tgt Ion:163 Resp: 2896404

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

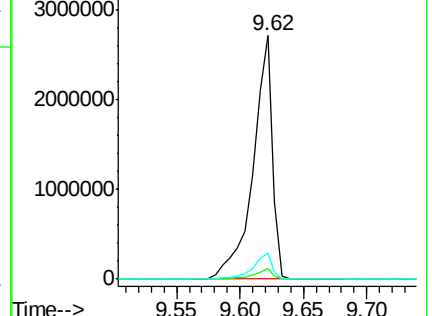
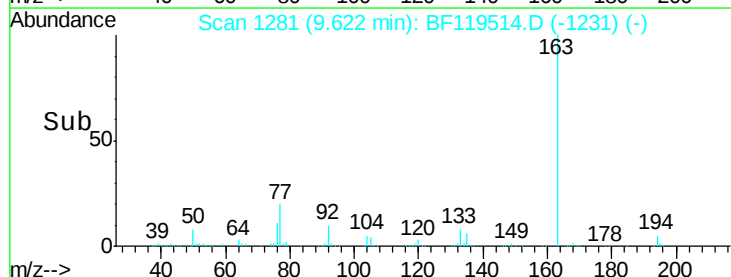
164 10.7 8.1 12.1

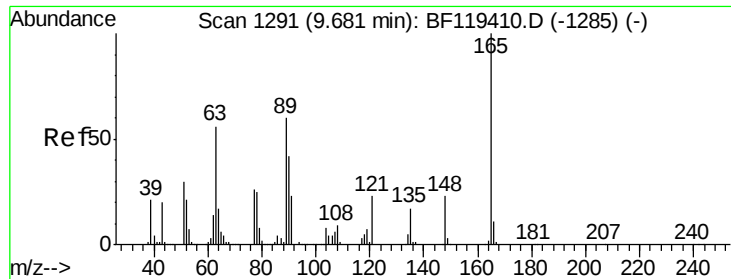


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

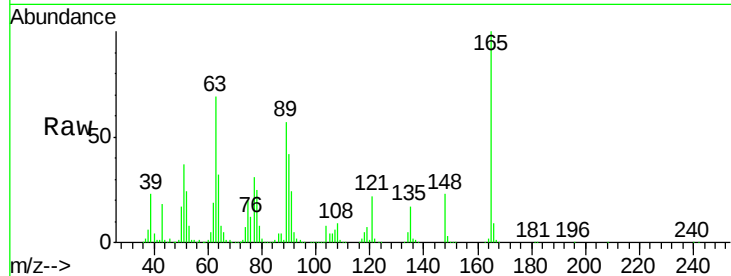




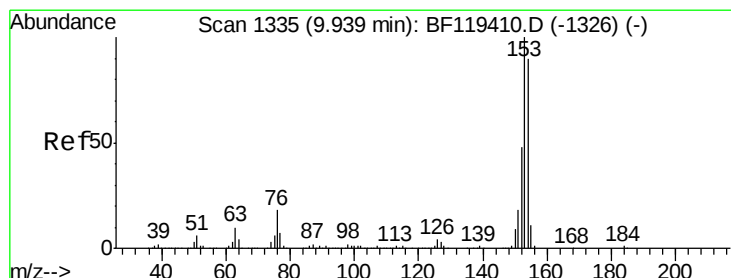
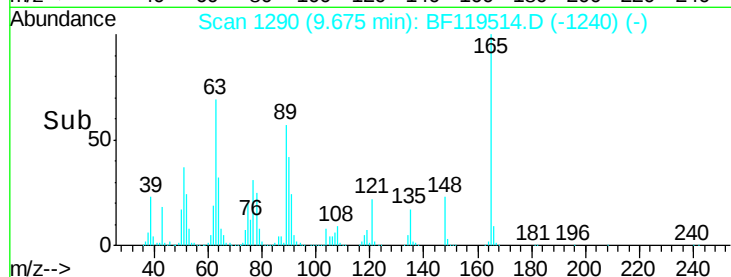
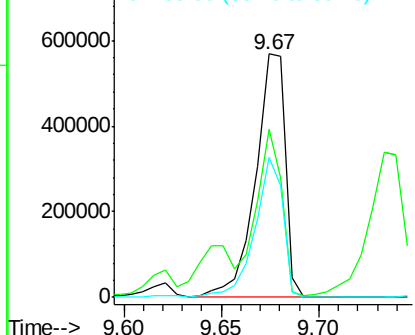
#51
2,6-Dinitrotoluene
Concen: 51.97 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion:165 Resp: 599078
Ion Ratio Lower Upper
165 100
63 69.1 57.3 85.9
89 57.5 47.8 71.8

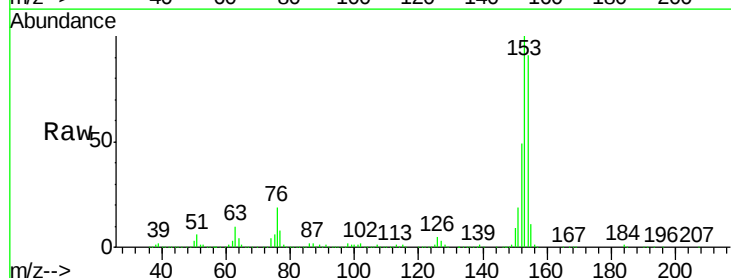


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

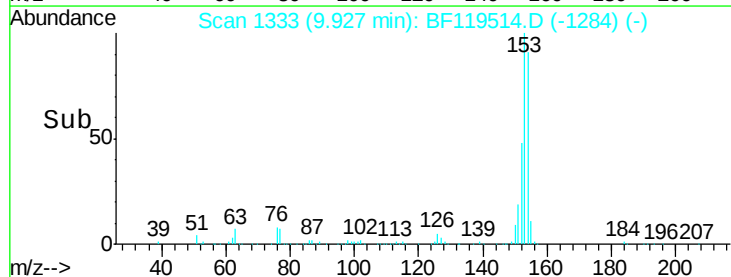
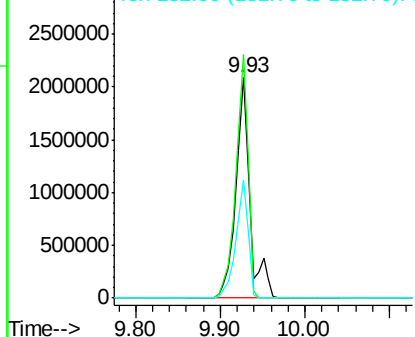


#52
Acenaphthene
Concen: 50.90 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:154 Resp: 2407278
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 53.8 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

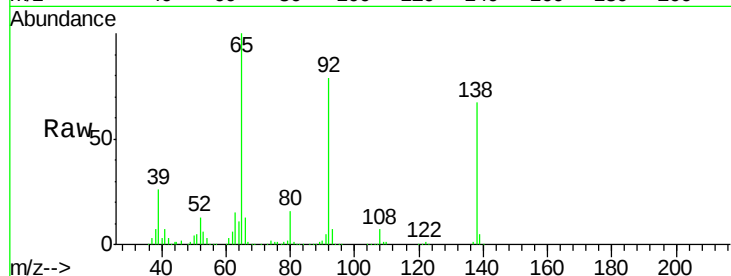




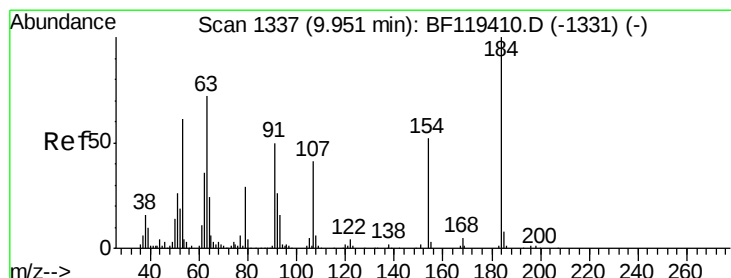
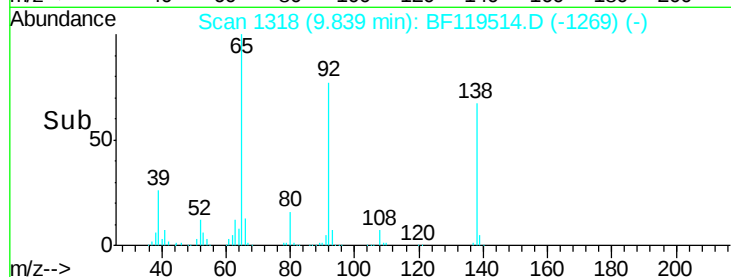
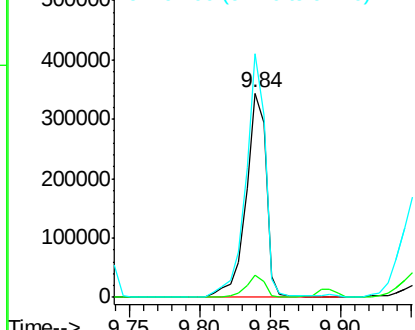
#53
3-Nitroaniline
Concen: 23.68 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion:138 Resp: 344611
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 119.0 93.2 139.8

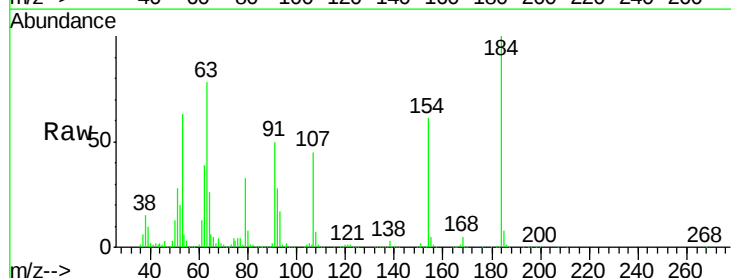


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

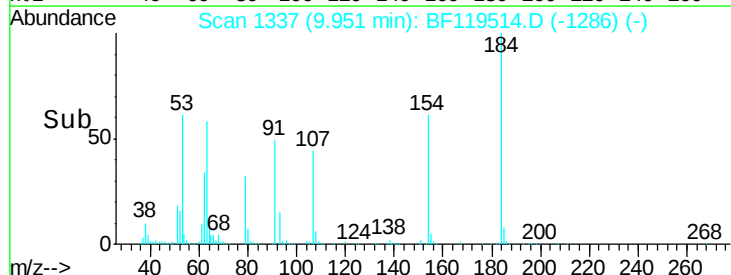
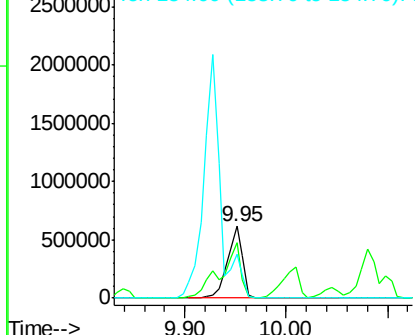


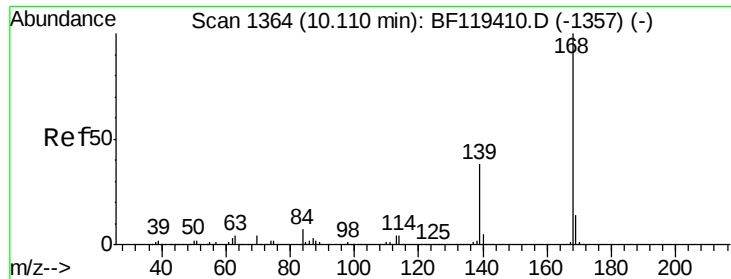
#54
2,4-Dinitrophenol
Concen: 122.15 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:184 Resp: 630350
Ion Ratio Lower Upper
184 100
63 77.5 58.5 87.7
154 61.2 51.8 77.6



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

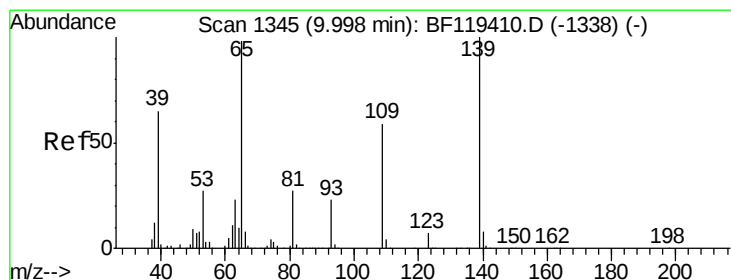
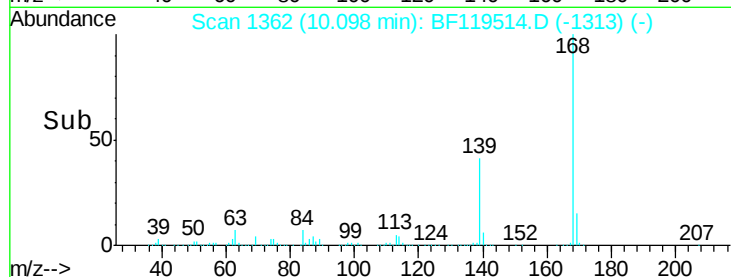
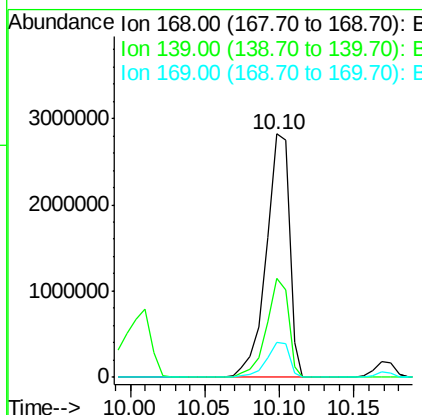
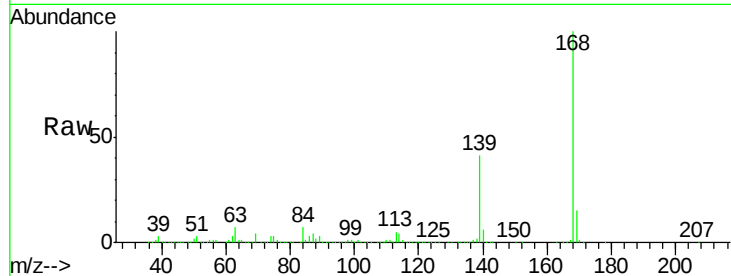




#55
Dibenzofuran
Concen: 44.60 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

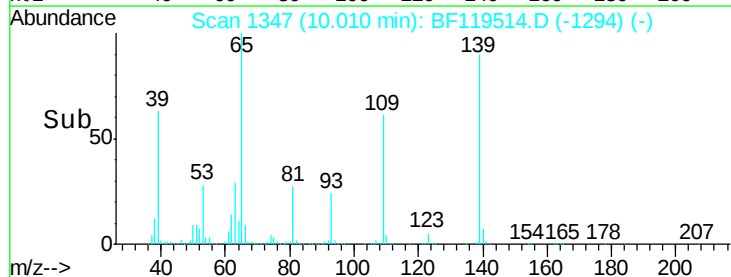
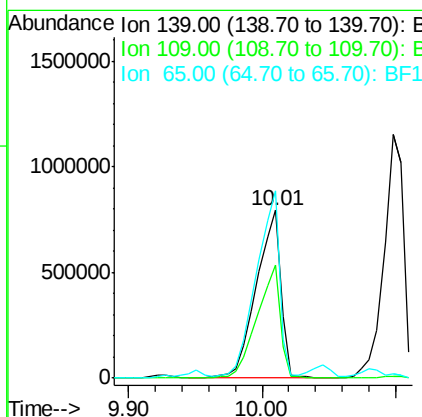
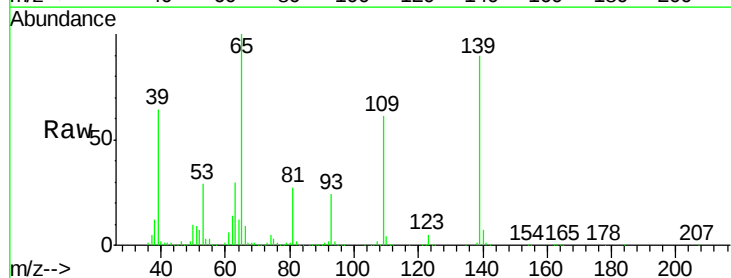
Instrument :
BNA_F
ClientSampled :
SB-30-(8-8.5)MS

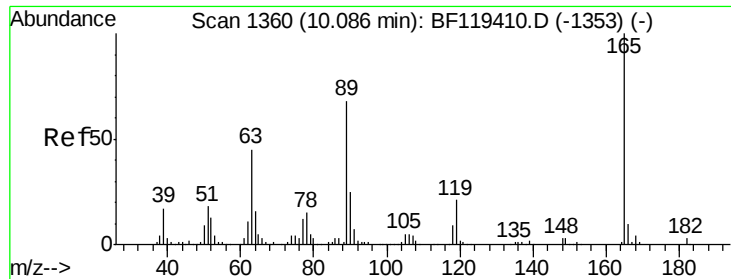
Tgt Ion:168 Resp: 3024090
Ion Ratio Lower Upper
168 100
139 40.8 30.2 45.4
169 14.6 11.1 16.7



#56
4-Nitrophenol
Concen: 86.88 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:139 Resp: 997487
Ion Ratio Lower Upper
139 100
109 67.7 39.6 79.6
65 111.4 78.3 118.3

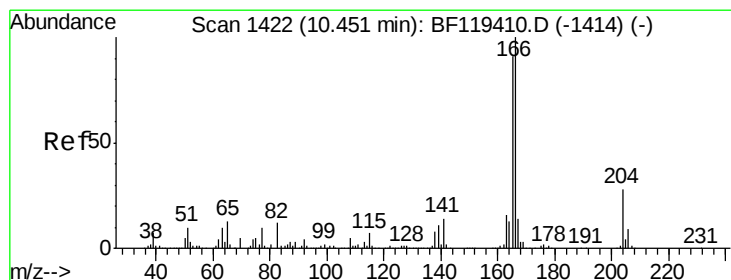
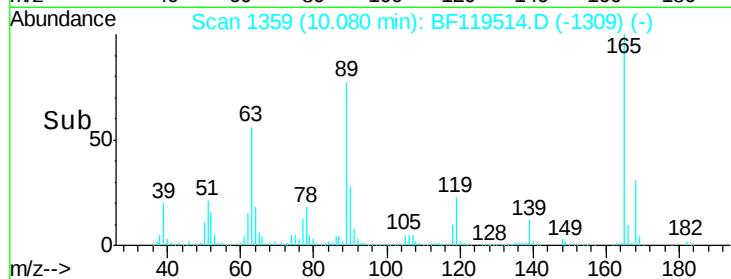
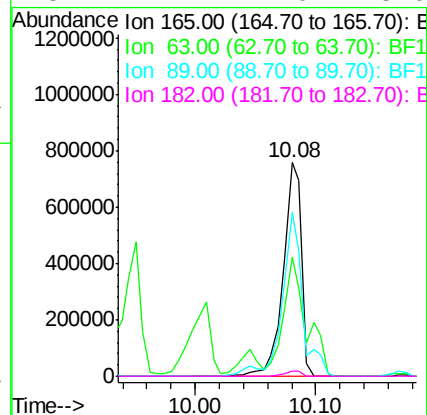
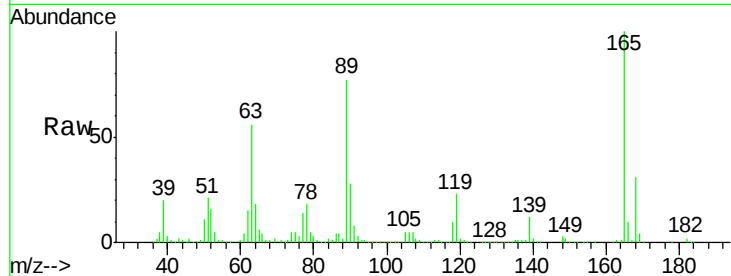




#57
2,4-Dinitrotoluene
Concen: 54.37 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

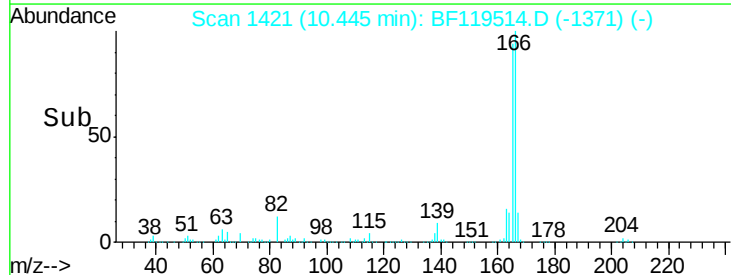
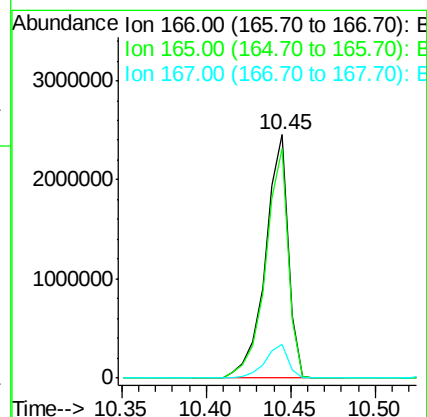
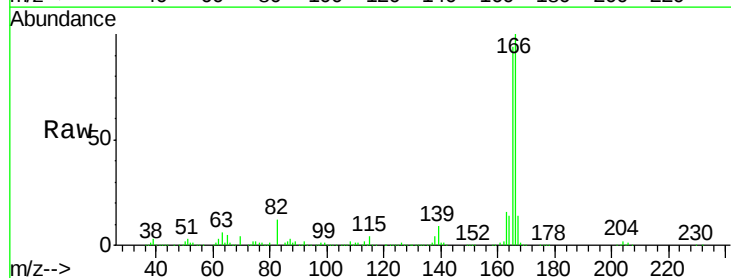
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

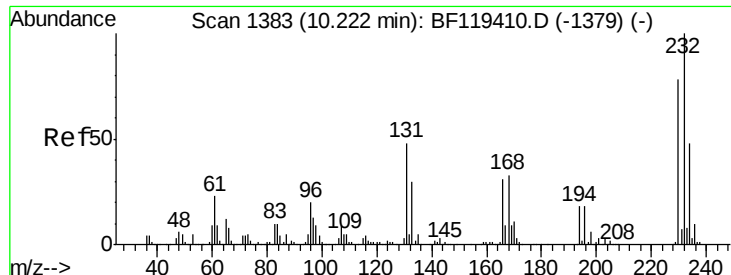
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	36.2	54.4#
89	77.0	54.3	81.5
182	2.4	2.0	3.0



#58
Fluorene
Concen: 46.02 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	73.1	109.7
167	14.0	11.0	16.6

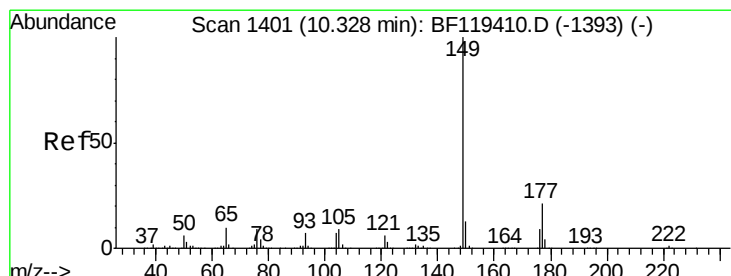
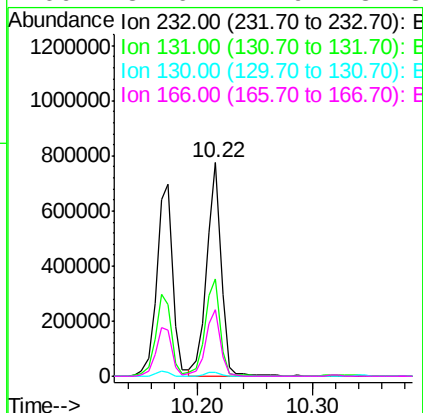
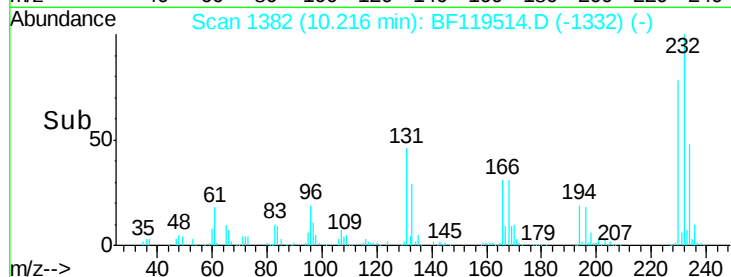
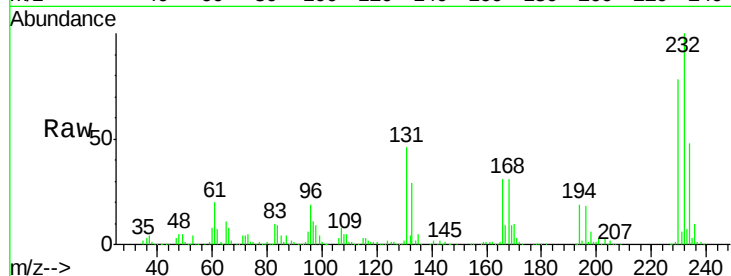




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.68 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

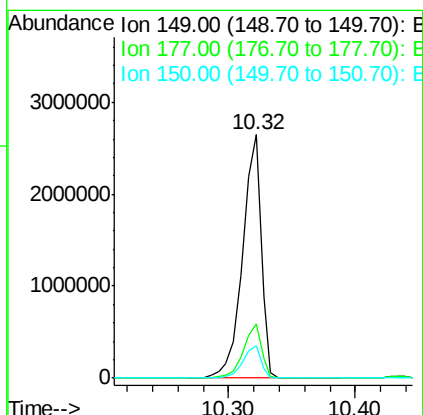
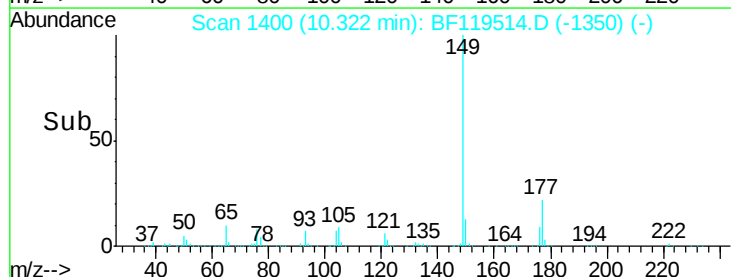
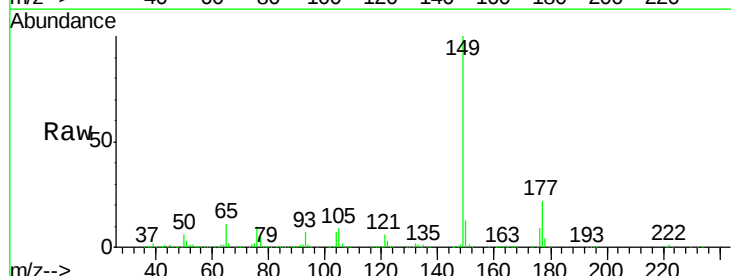
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

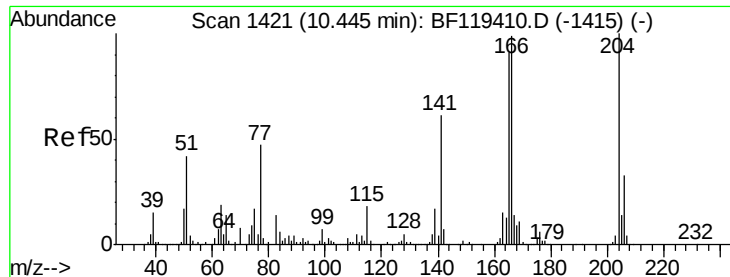
Tgt Ion:232 Resp: 674024
 Ion Ratio Lower Upper
 232 100
 131 47.2 36.3 54.5
 130 2.0 1.8 2.6
 166 31.6 24.9 37.3



#60
 Diethylphthalate
 Concen: 48.89 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:149 Resp: 2668840
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.0 25.6
 150 13.3 10.2 15.4

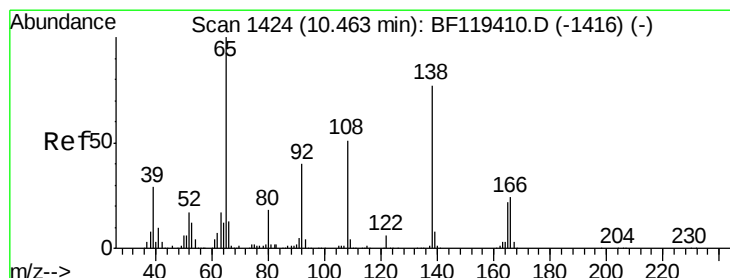
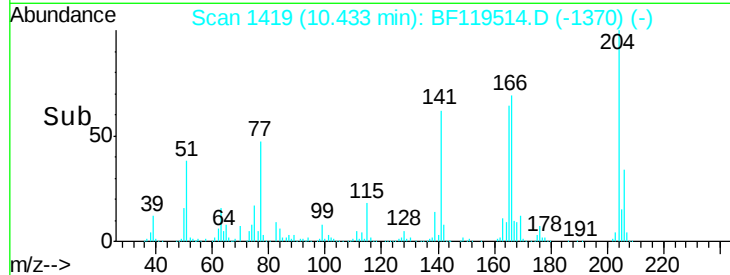
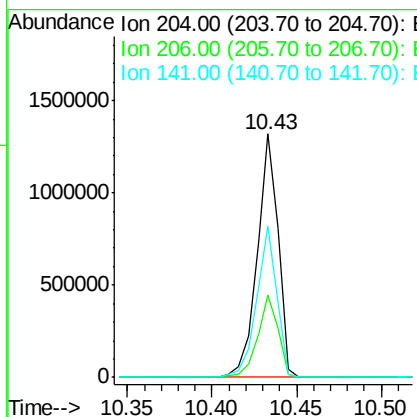
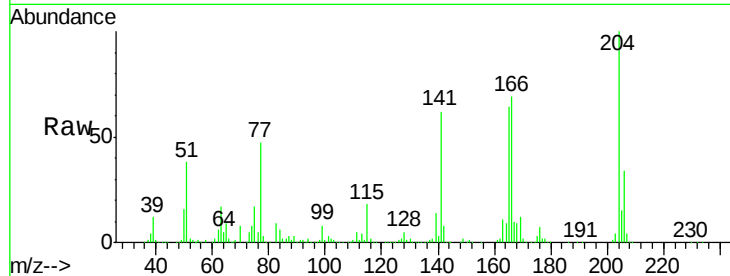




#61
 4-Chlorophenyl-phenylether
 Concen: 46.44 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

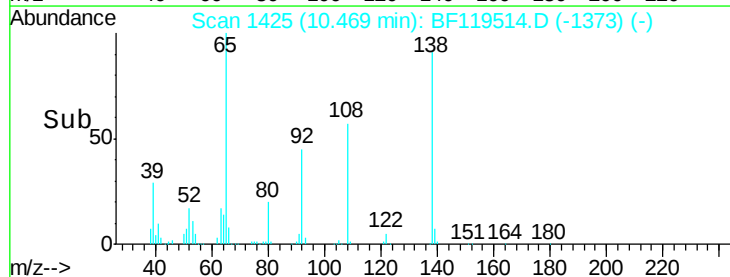
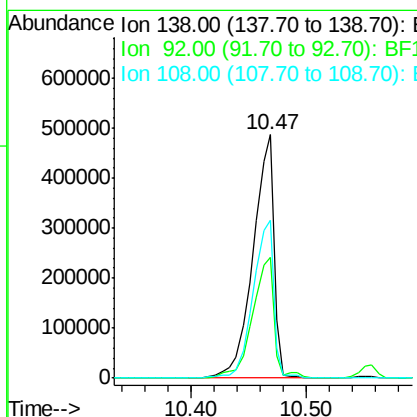
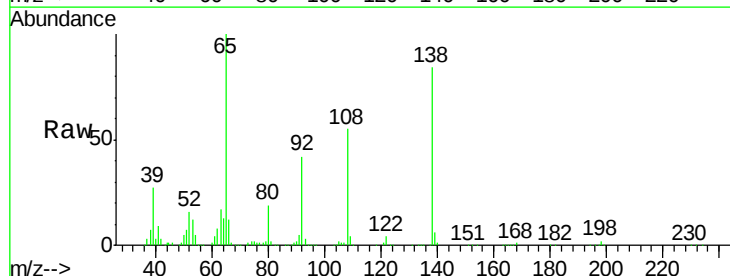
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

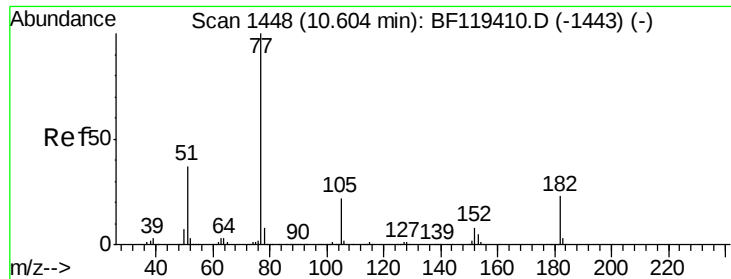
Tgt Ion:204 Resp: 1138563
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.7 40.1
 141 62.3 48.8 73.2



#62
 4-Nitroaniline
 Concen: 44.48 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:138 Resp: 620719
 Ion Ratio Lower Upper
 138 100
 92 49.4 32.0 72.0
 108 64.9 46.0 86.0





#63

Azobenzene

Concen: 46.12 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion: 77 Resp: 2535118

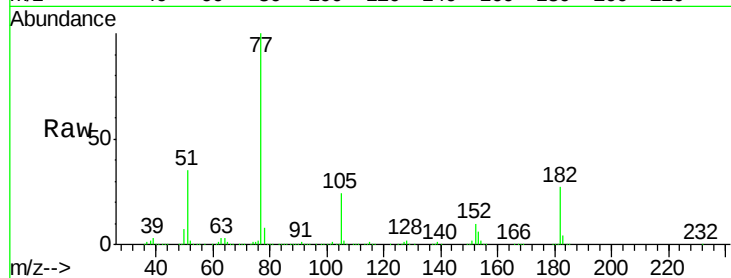
Ion Ratio Lower Upper

77 100

182 27.4 2.5 42.5

105 24.0 2.5 42.5

51 34.7 17.1 57.1

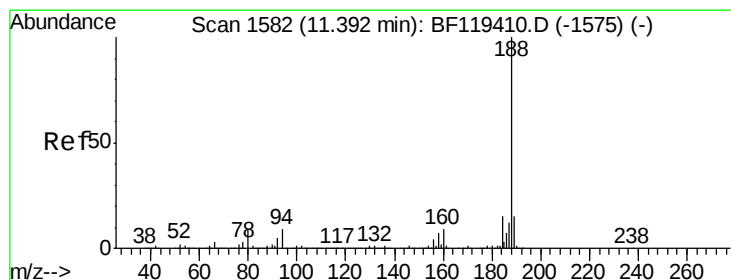
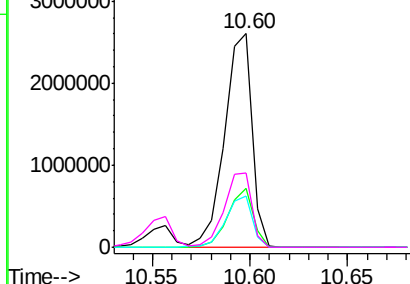
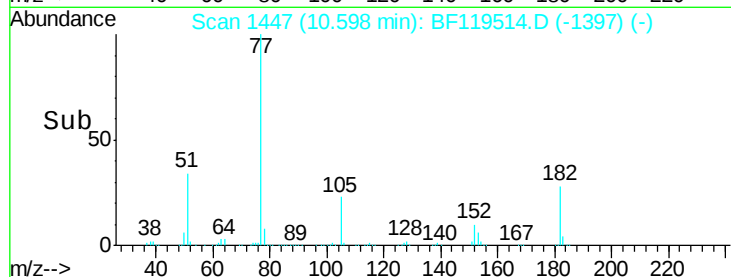


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

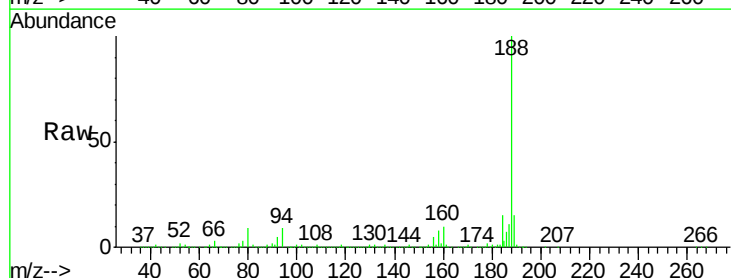
Tgt Ion: 188 Resp: 1462637

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

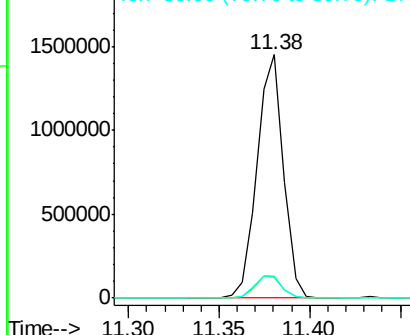
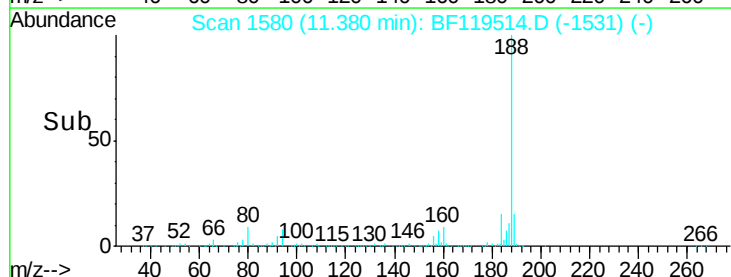
80 9.3 7.5 11.3

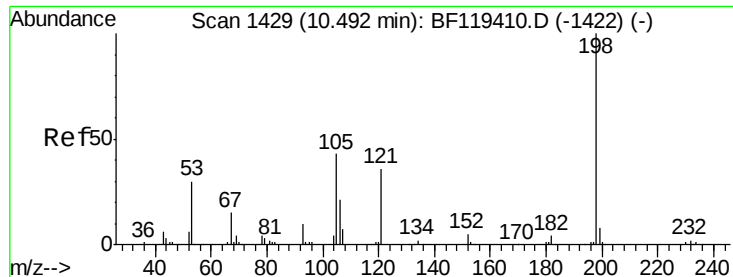


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

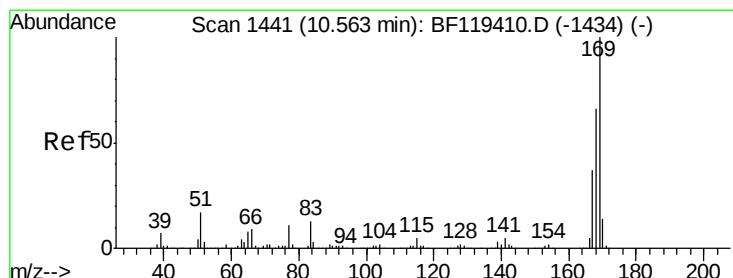
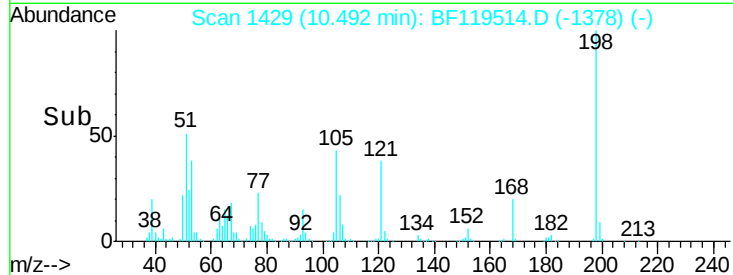
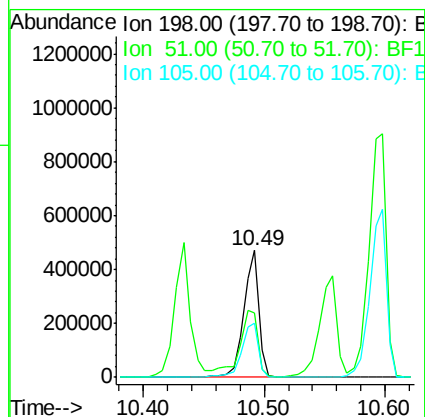
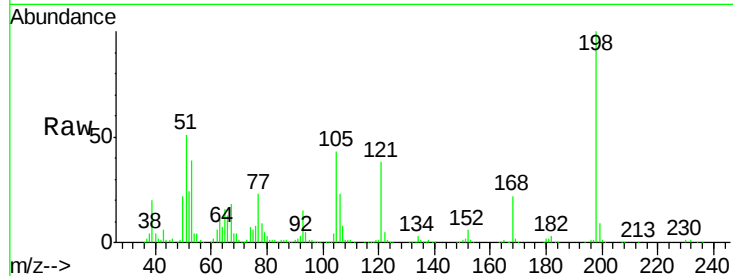




#65
 4,6-Dinitro-2-methylphenol
 Concen: 67.24 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

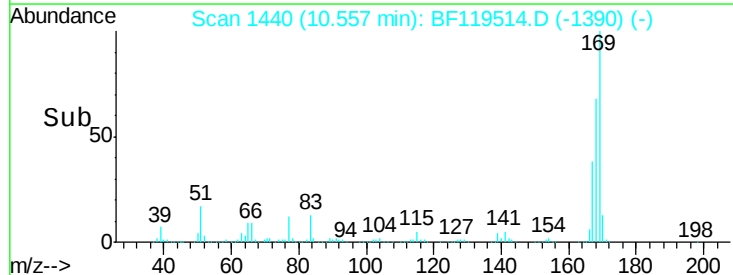
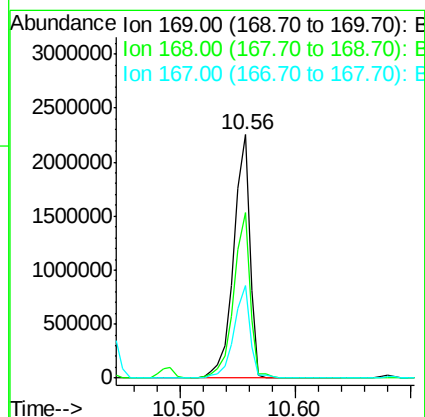
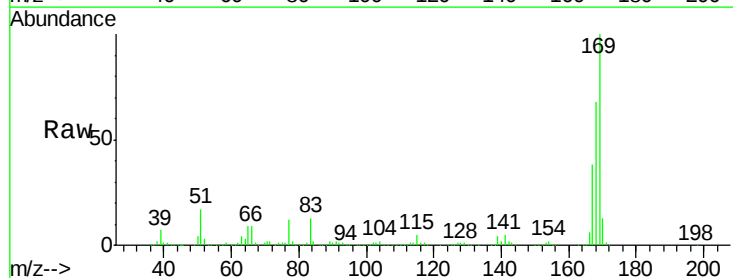
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

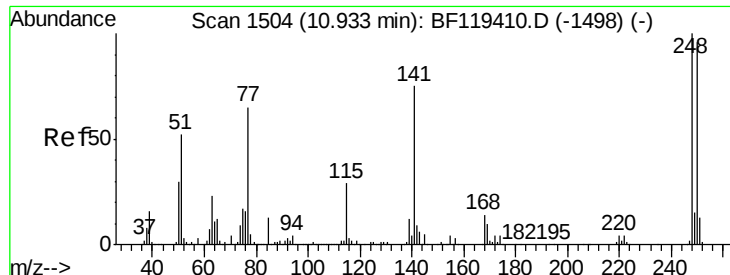
Tgt Ion:198 Resp: 412382
 Ion Ratio Lower Upper
 198 100
 51 51.0 33.1 73.1
 105 43.1 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 45.75 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:169 Resp: 2196906
 Ion Ratio Lower Upper
 169 100
 168 68.0 52.7 79.1
 167 37.8 29.3 43.9

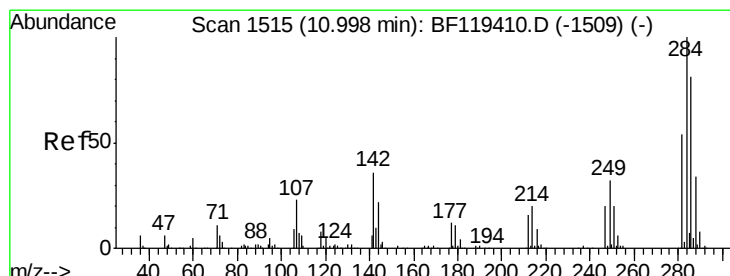
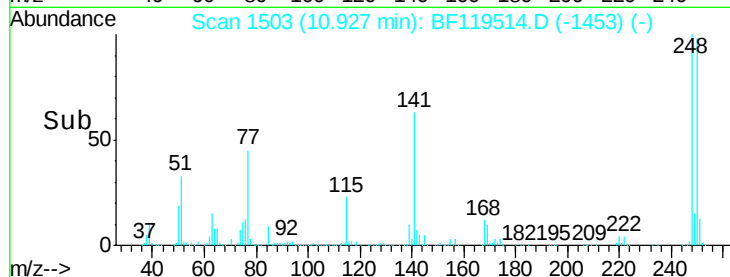
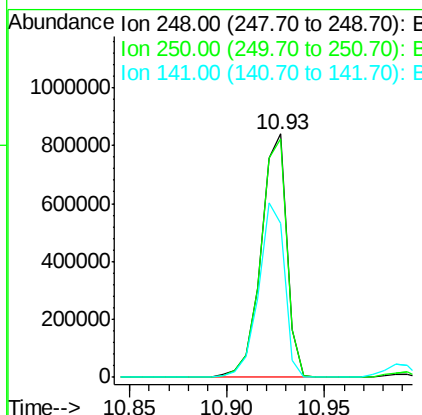
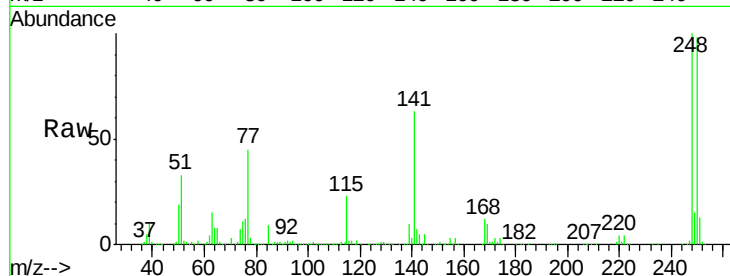




#67
4-Bromophenyl-phenylether
Concen: 46.49 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

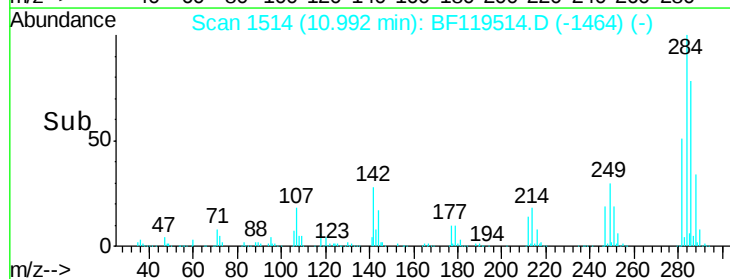
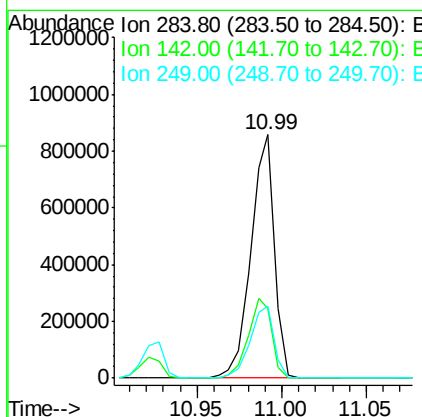
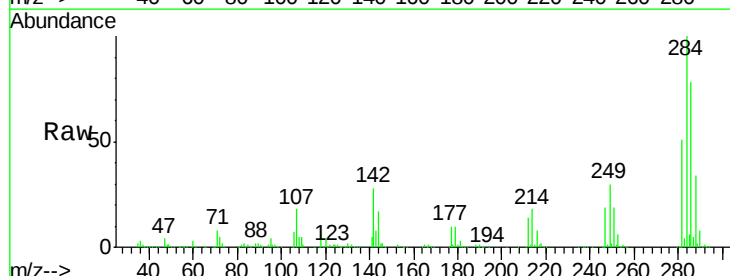
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

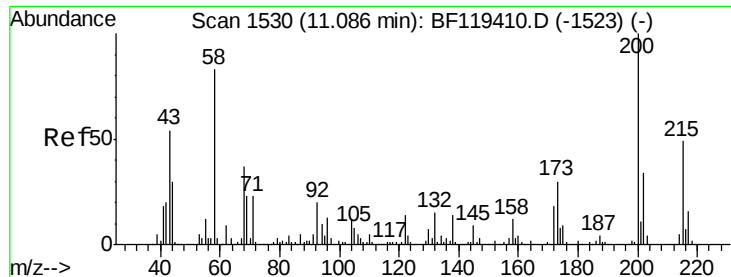
Tgt Ion:248 Resp: 774435
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.6
141 63.2 59.7 89.5



#68
Hexachlorobenzene
Concen: 48.78 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:284 Resp: 831618
Ion Ratio Lower Upper
284 100
142 28.4 28.7 43.1#
249 29.8 25.4 38.0





#69

Atrazine

Concen: 50.44 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

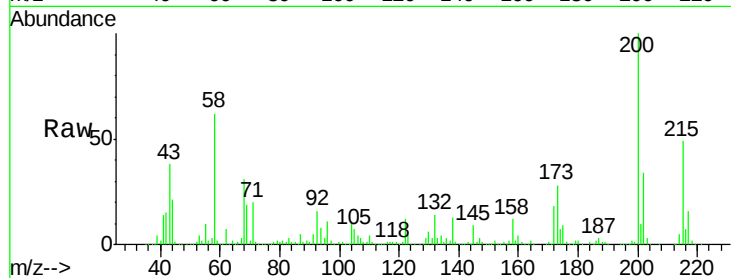
Tgt Ion:200 Resp: 663918

Ion Ratio Lower Upper

200 100

173 28.4 9.9 49.9

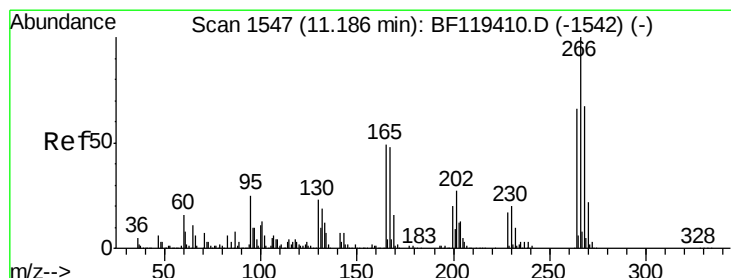
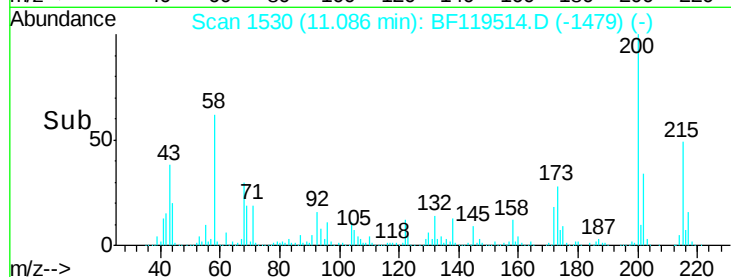
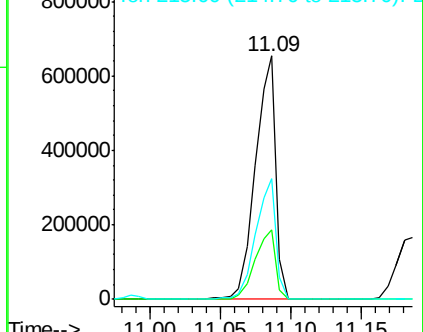
215 49.5 29.4 69.4



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: 93.69 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

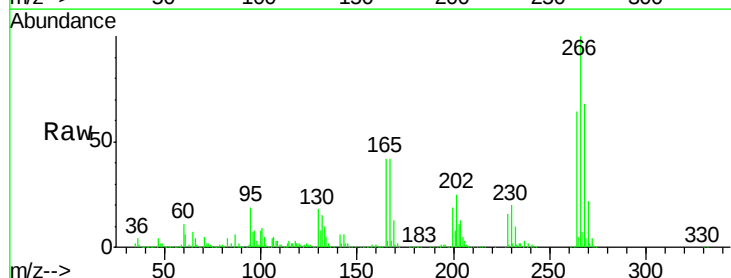
Tgt Ion:266 Resp: 936534

Ion Ratio Lower Upper

266 100

268 68.5 53.7 80.5

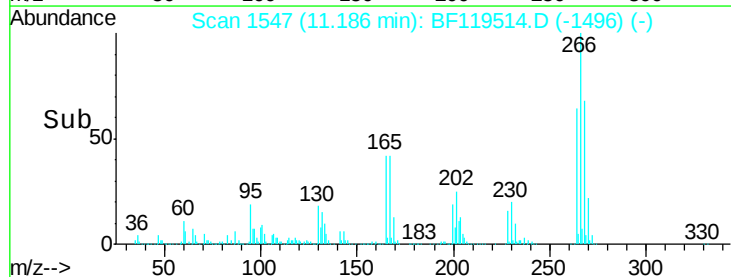
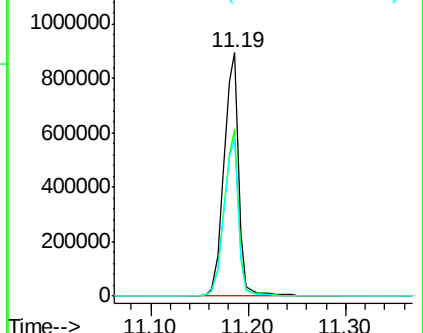
264 64.3 52.5 78.7

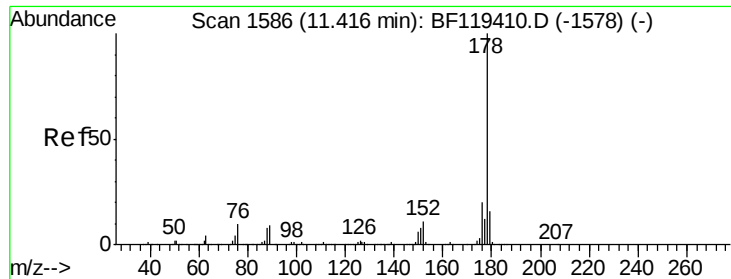


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

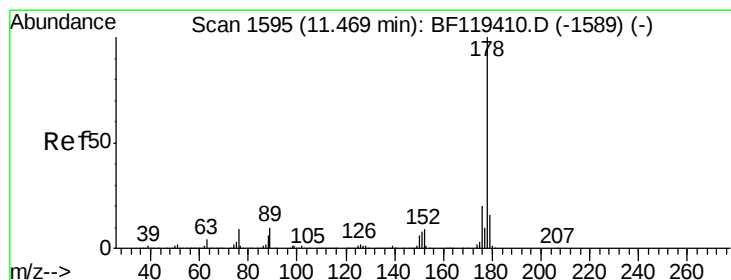
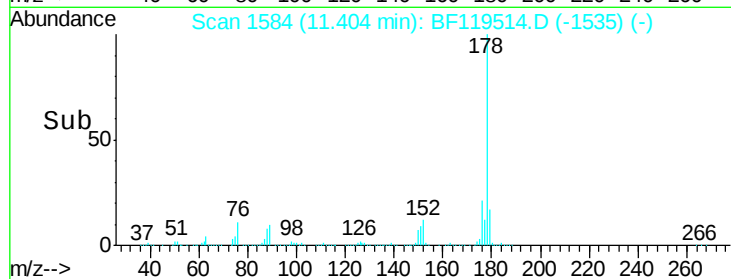
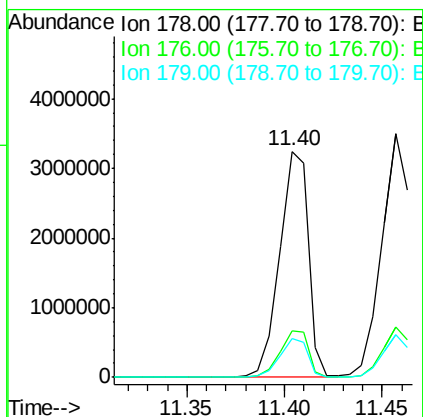
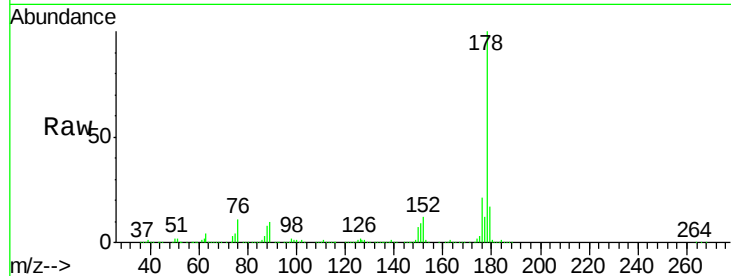




#71
Phenanthrene
Concen: 43.71 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

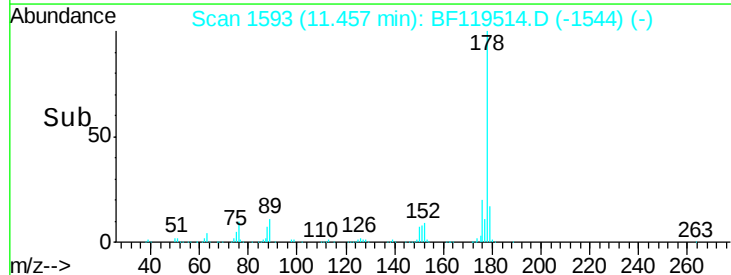
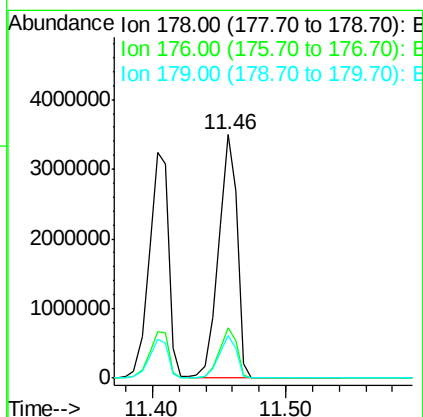
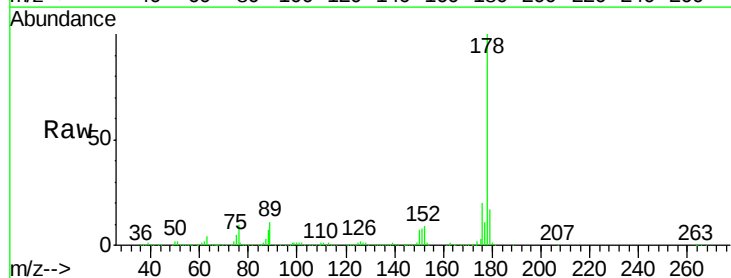
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

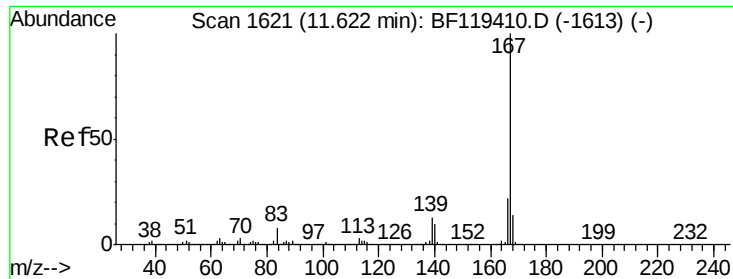
Tgt Ion:178 Resp: 3315168
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 17.1 12.9 19.3



#72
Anthracene
Concen: 44.49 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:178 Resp: 3428979
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 17.4 13.1 19.7





#73

Carbazole

Concen: 41.65 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

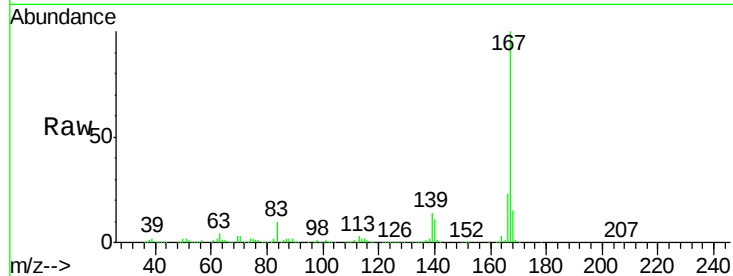
Tgt Ion:167 Resp: 3177448

Ion Ratio Lower Upper

167 100

166 23.3 17.8 26.6

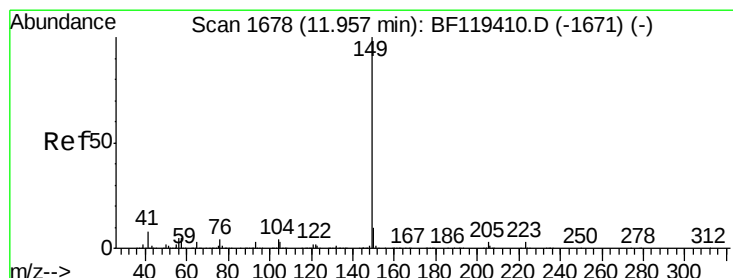
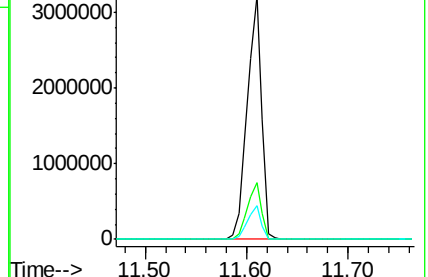
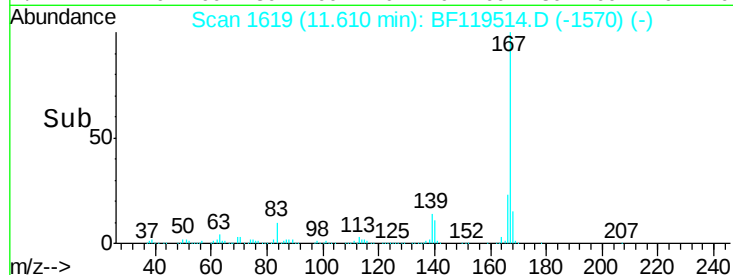
139 13.7 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.85 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

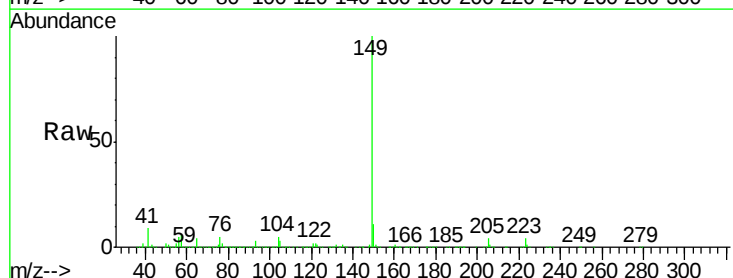
Tgt Ion:149 Resp: 4068489

Ion Ratio Lower Upper

149 100

150 10.8 7.6 11.4

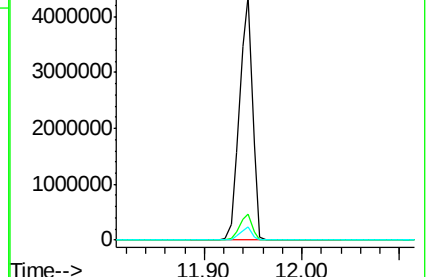
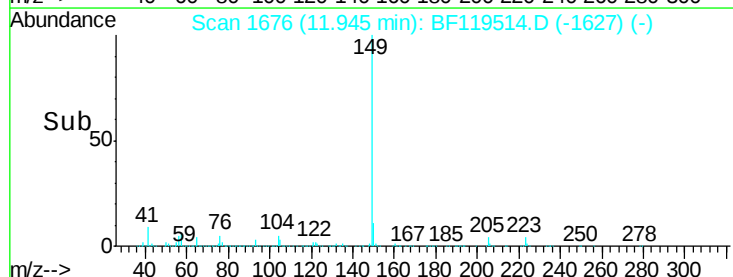
104 5.3 3.5 5.3#

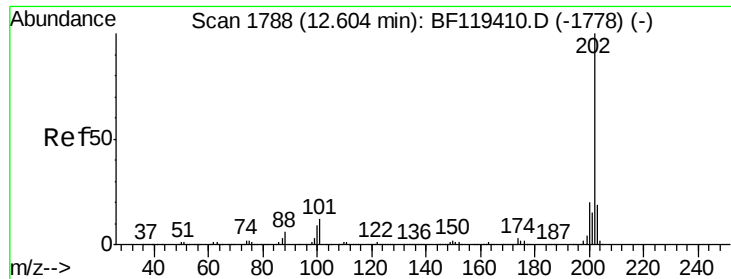


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.39 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

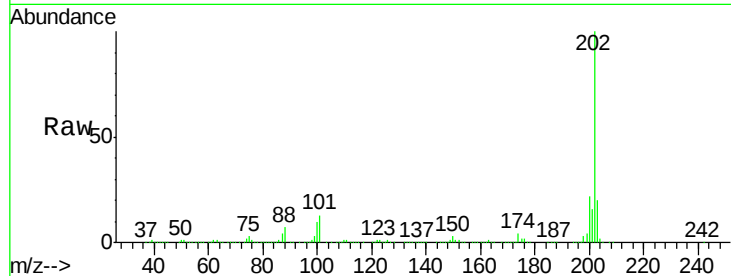
Tgt Ion:202 Resp: 3561078

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.4

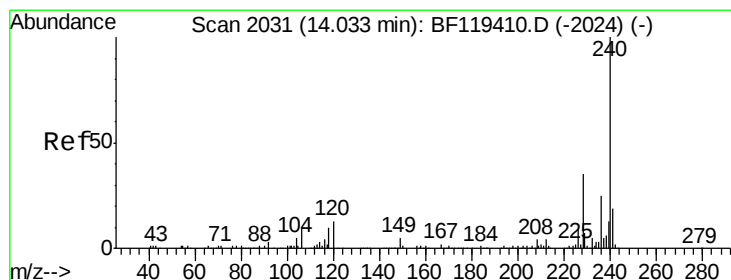
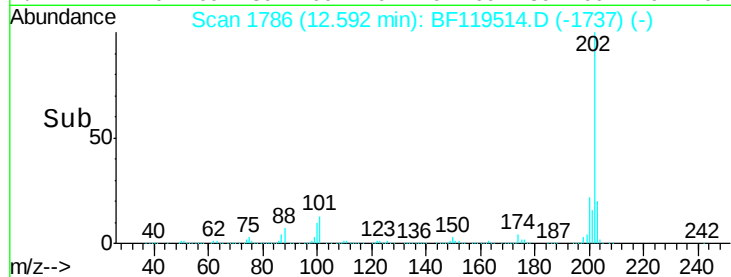
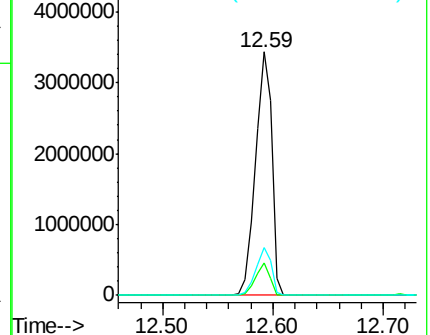
203 19.5 0.0 38.5



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: BF119514.D

Acq: 25 Mar 2020 20:26

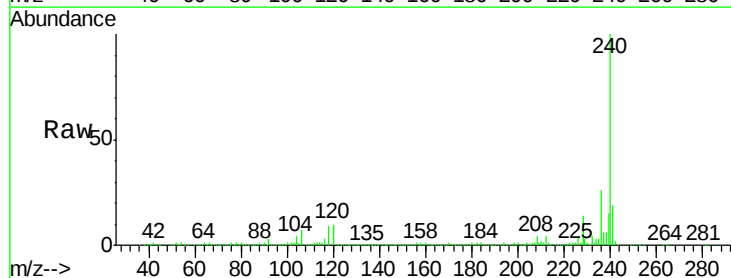
Tgt Ion:240 Resp: 986811

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

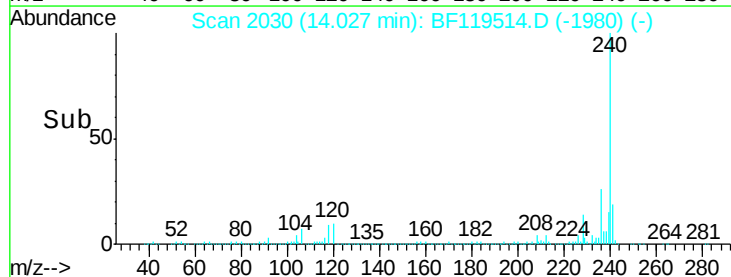
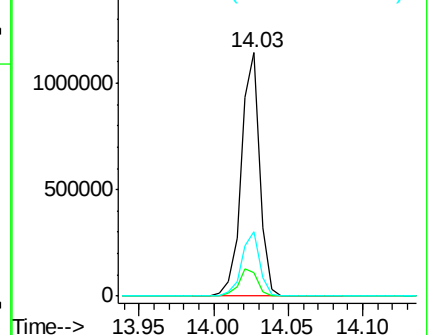
236 26.5 20.4 30.6

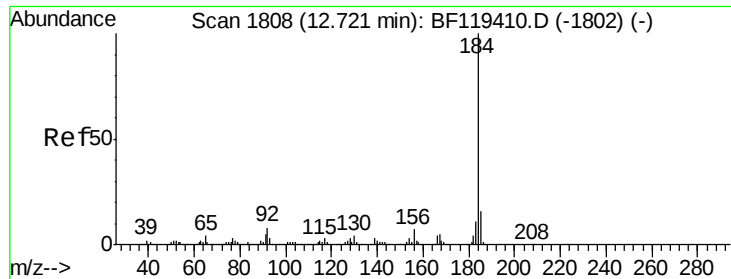


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.69 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

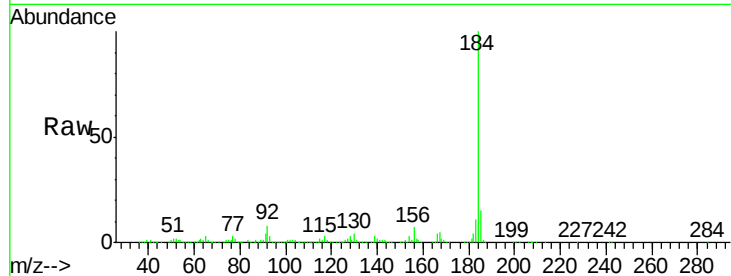
Tgt Ion:184 Resp: 2033590

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

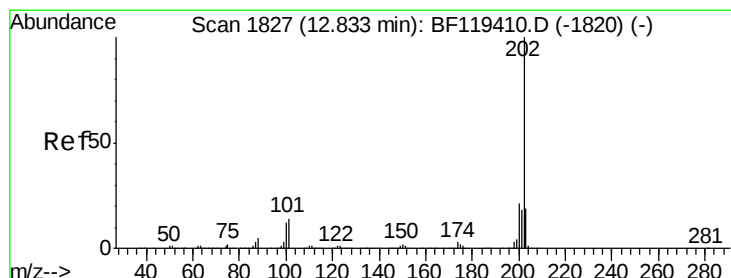
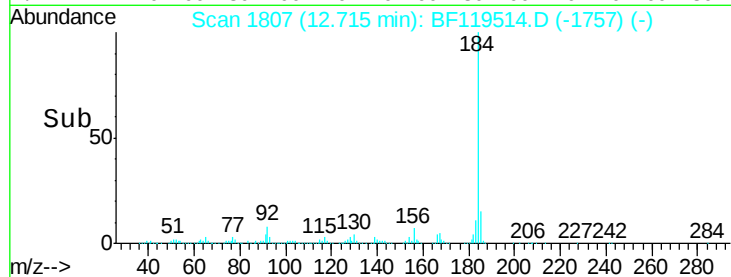
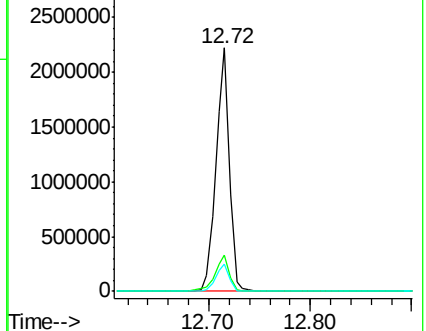
183 11.3 9.0 13.4



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: 44.19 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

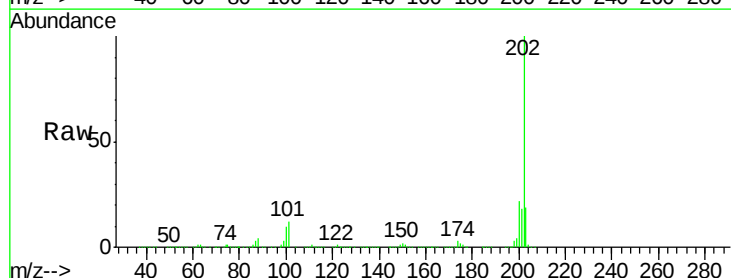
Tgt Ion:202 Resp: 3578542

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

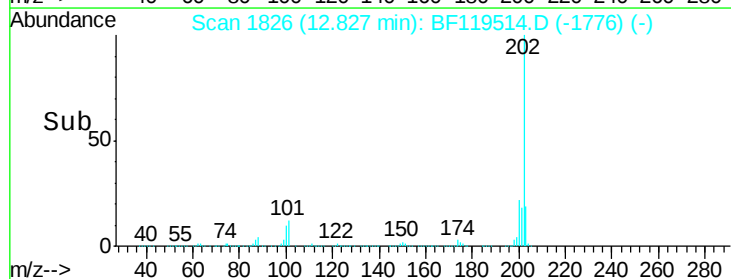
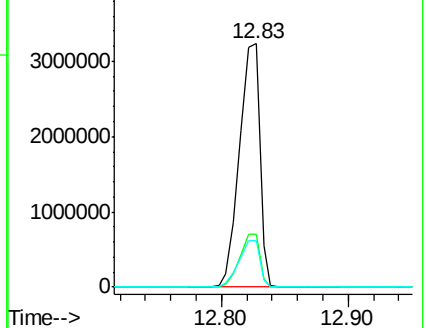
203 18.8 14.8 22.2

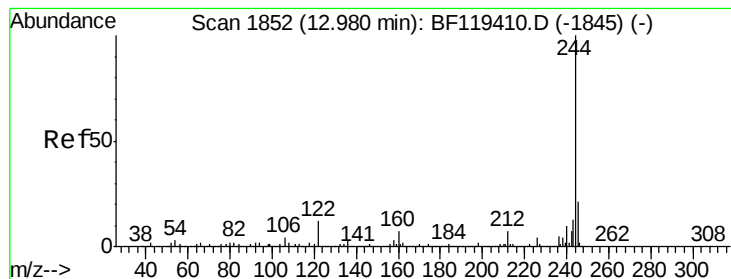


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.83 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

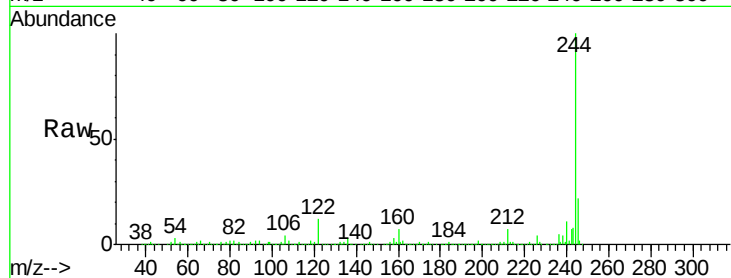
Tgt Ion:244 Resp: 3517242

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

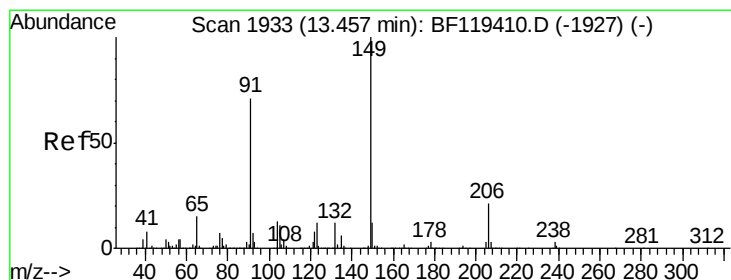
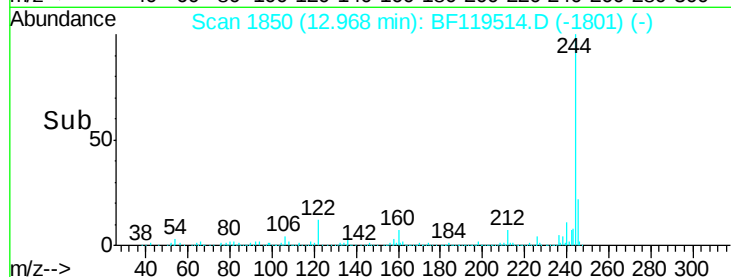
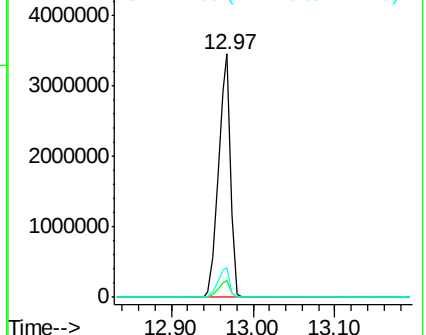
122 12.3 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.75 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

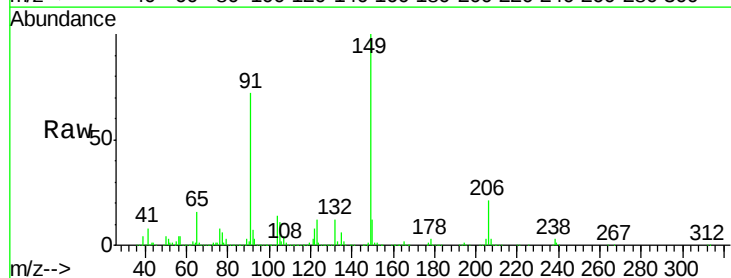
Tgt Ion:149 Resp: 1826185

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.6

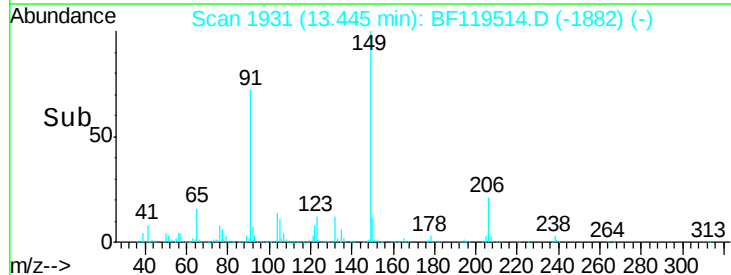
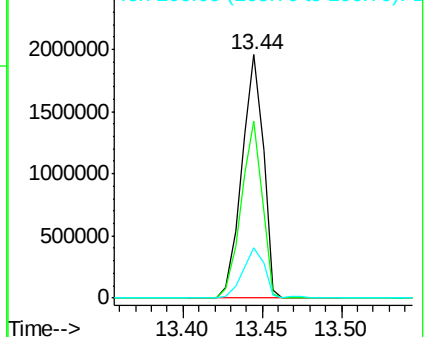
206 20.9 16.4 24.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

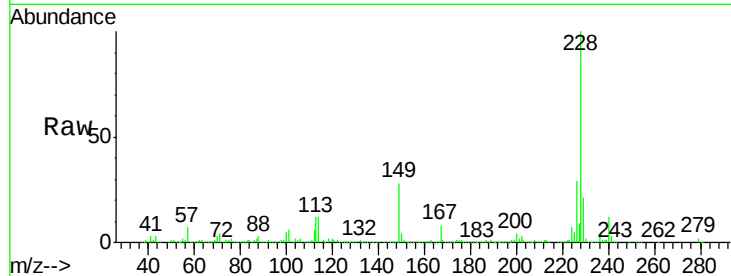




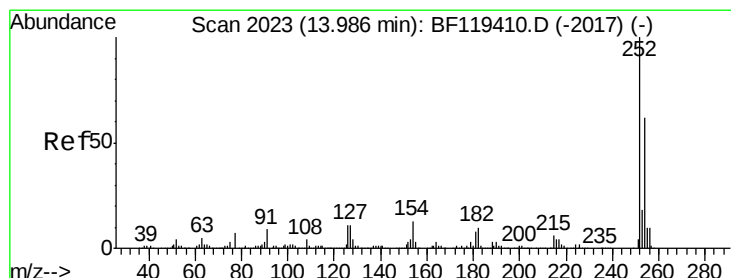
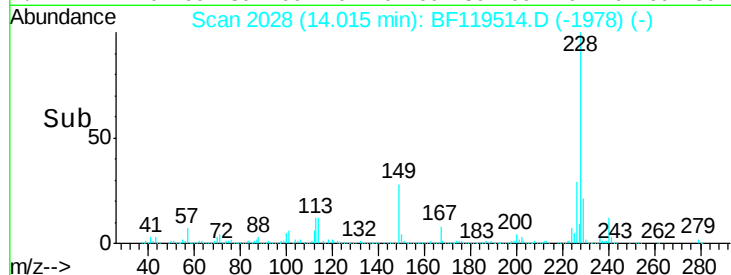
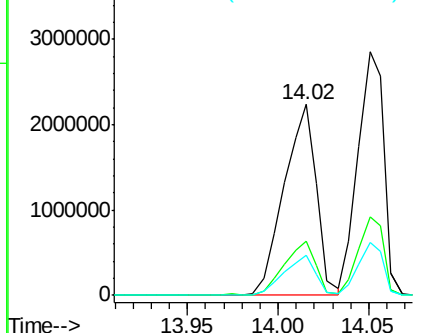
#81
Benzo(a)anthracene
Concen: 43.42 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion: 228 Resp: 2786243
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.9 16.3 24.5

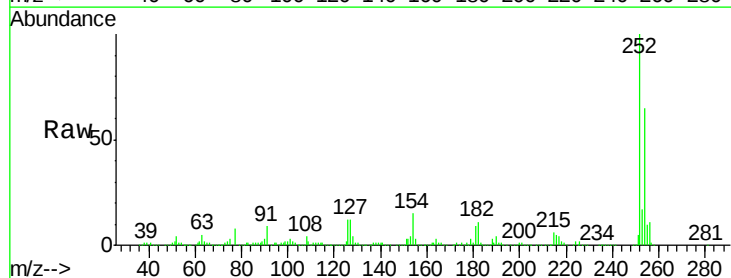


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

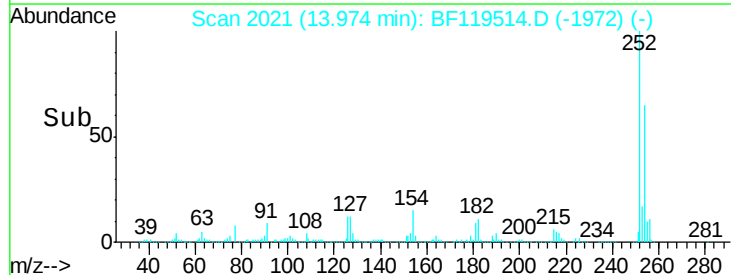
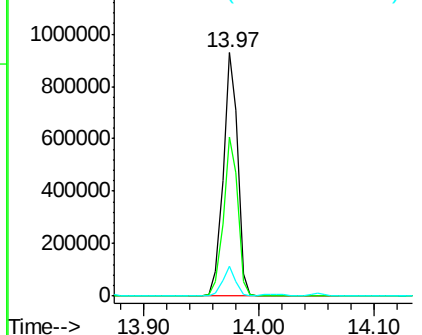


#82
3,3'-Dichlorobenzidine
Concen: 31.87 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion: 252 Resp: 806437
Ion Ratio Lower Upper
252 100
254 65.3 49.8 74.8
126 12.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.16 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

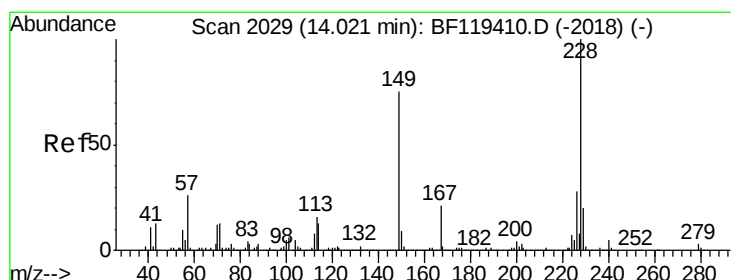
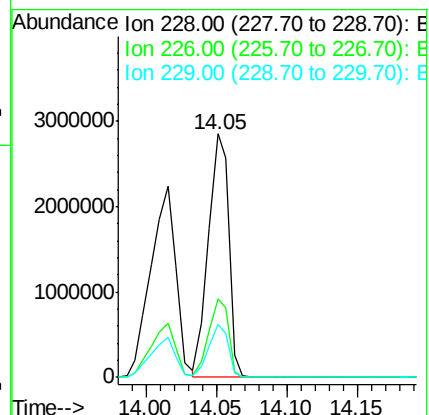
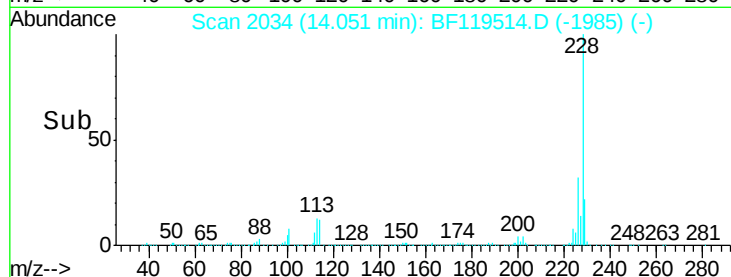
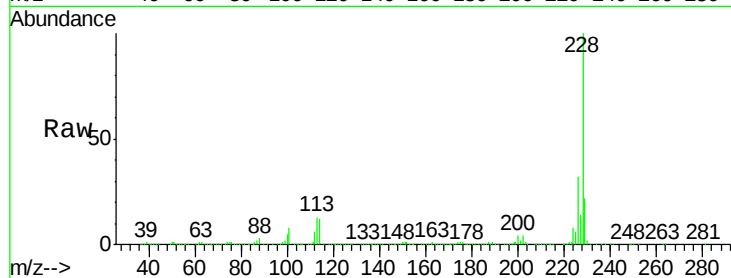
Tgt Ion:228 Resp: 2858450

Ion Ratio Lower Upper

228 100

226 32.2 24.8 37.2

229 21.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.57 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

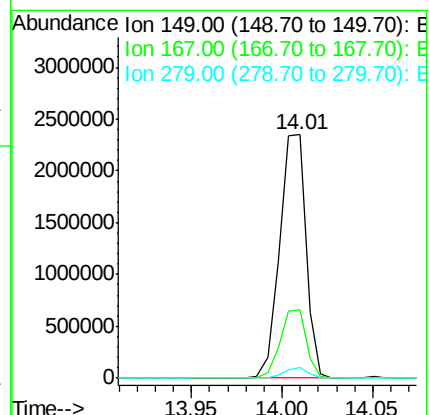
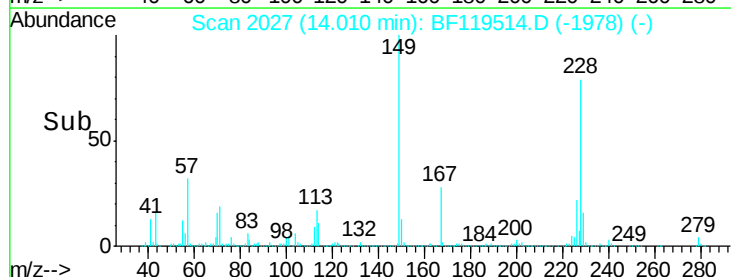
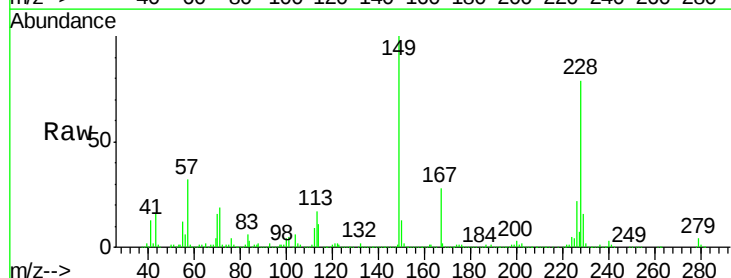
Tgt Ion:149 Resp: 2365234

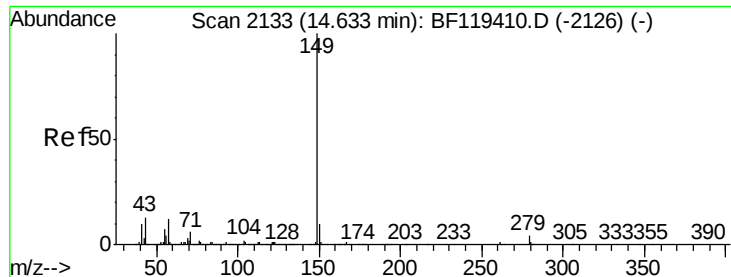
Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

279 4.4 3.2 4.8

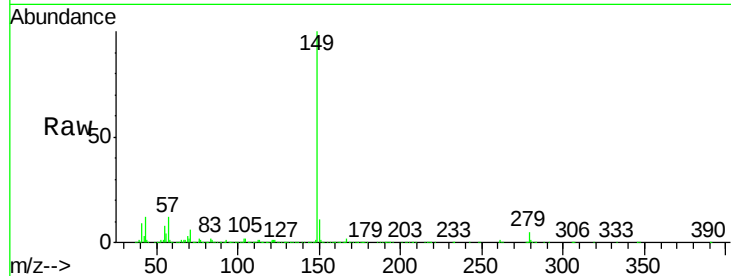




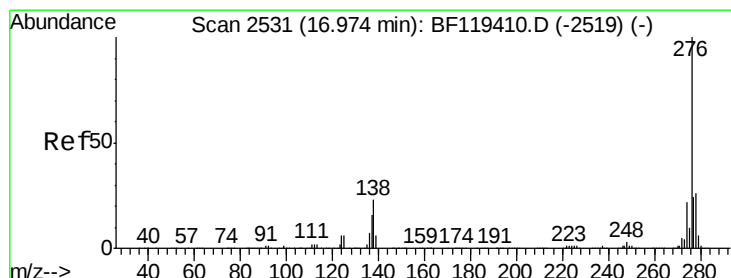
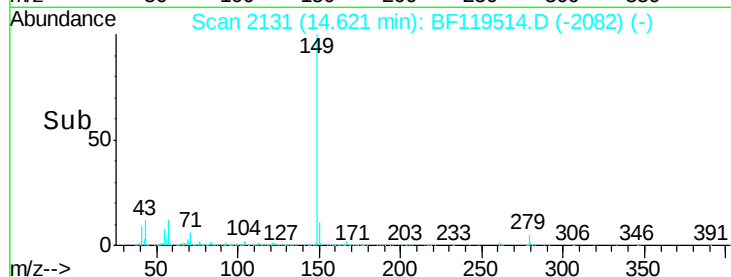
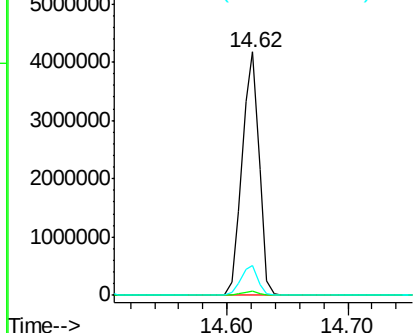
#85
Di-n-octyl phthalate
Concen: 60.02 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion:149 Resp: 4121696
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.1 10.1 15.1

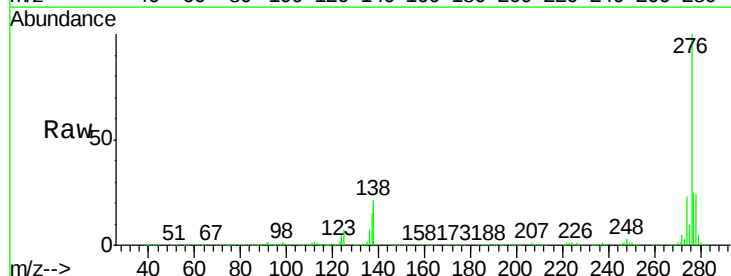


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

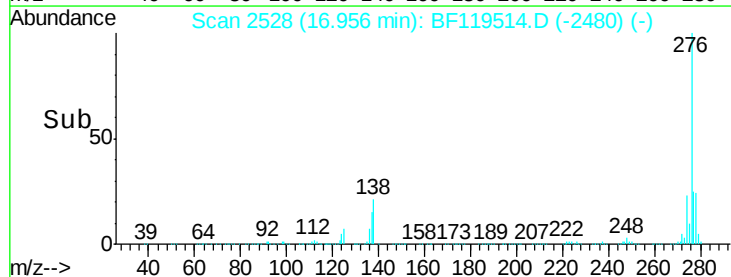
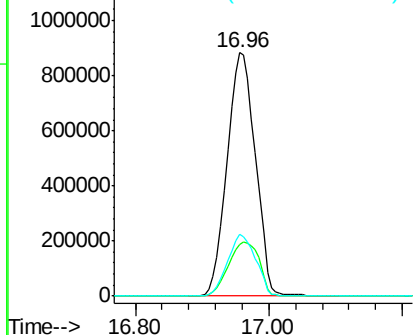


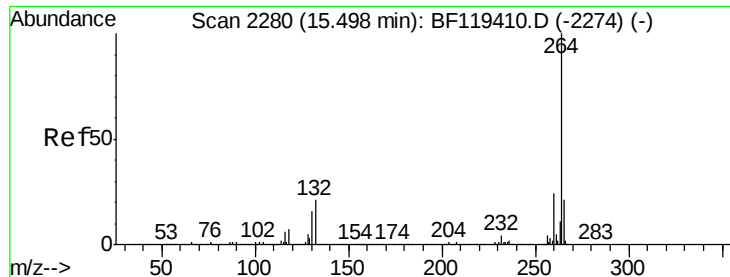
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.13 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:276 Resp: 2627590
Ion Ratio Lower Upper
276 100
138 24.1 21.3 31.9
277 25.4 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



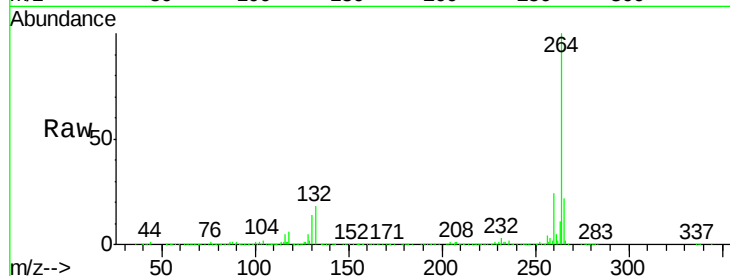


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

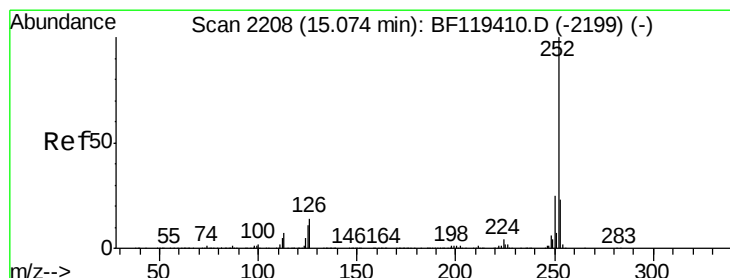
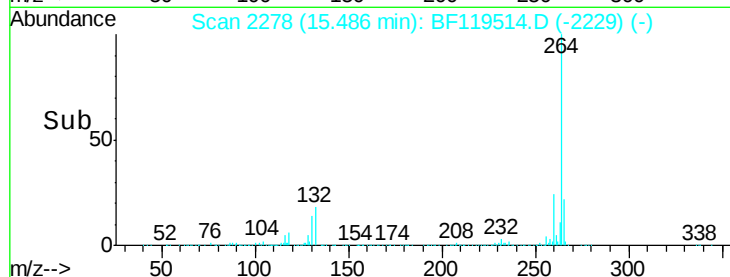
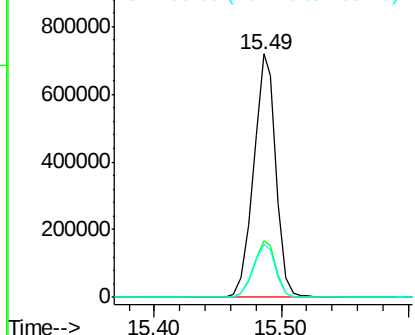
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion: 264 Resp: 879772

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	16.9	25.3



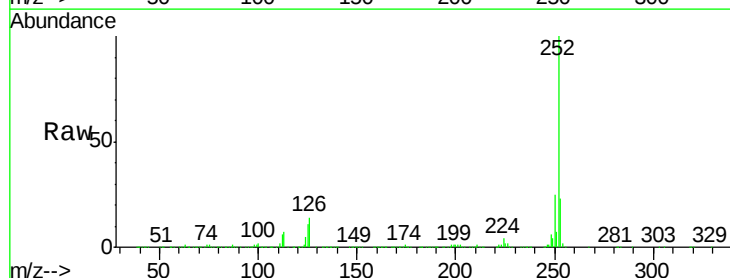
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



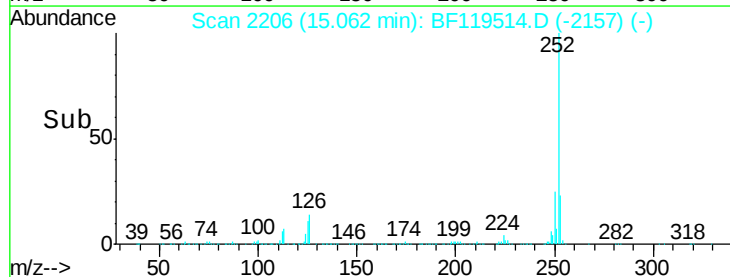
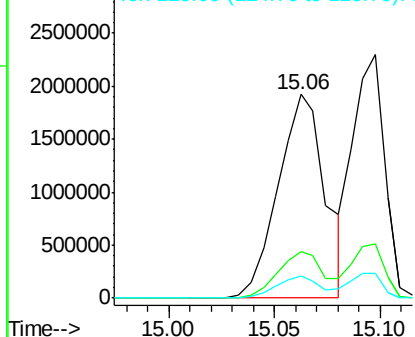
#88
Benzo(b)fluoranthene
Concen: 50.81 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

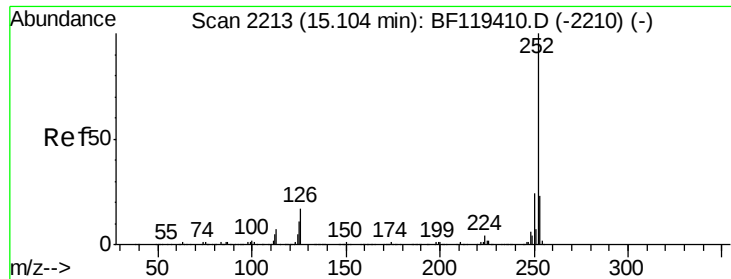
Tgt Ion: 252 Resp: 2986200

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.8	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

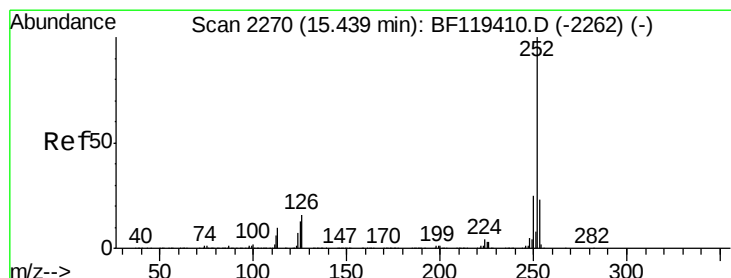
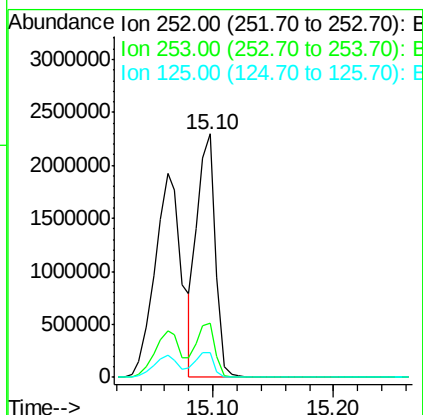
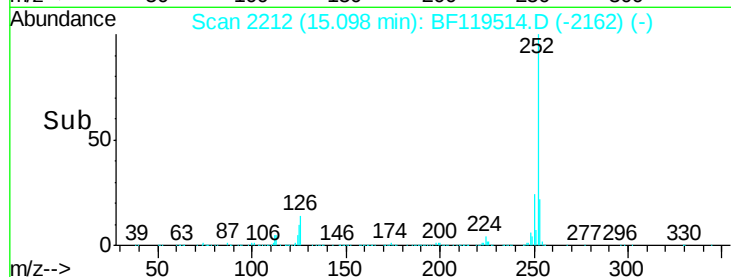
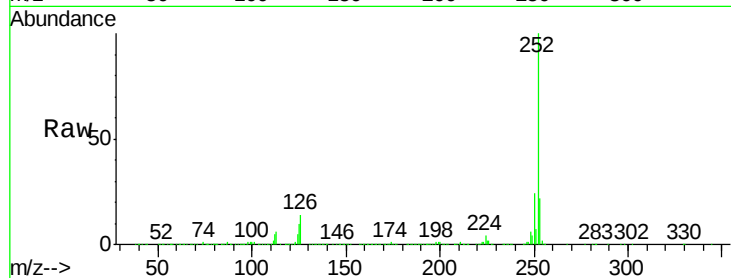




#89
Benzo(k)fluoranthene
Concen: 43.43 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

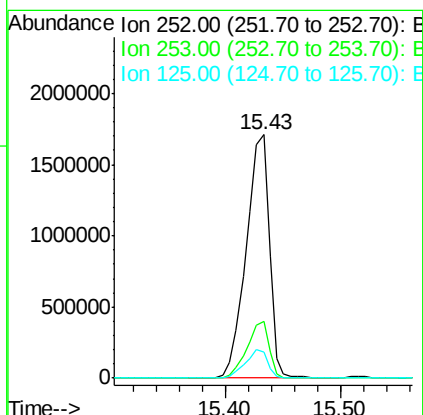
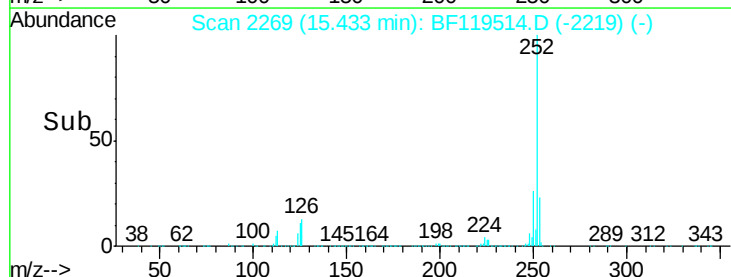
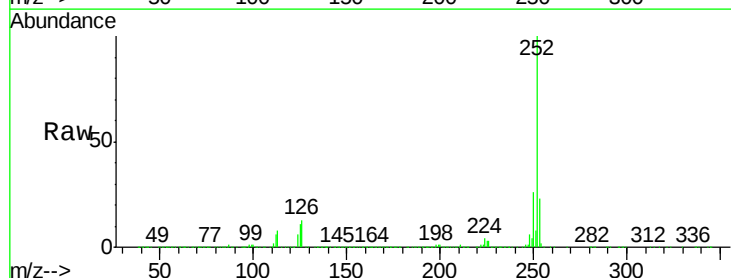
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

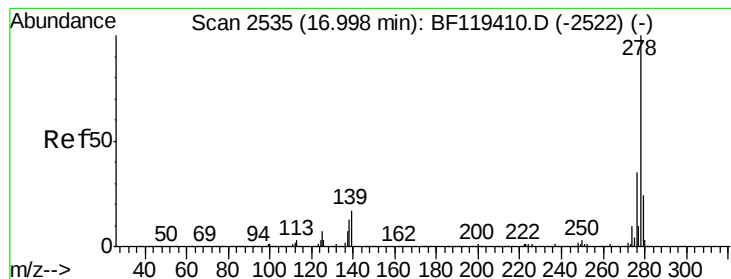
Tgt Ion:252 Resp: 2430380
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 10.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 44.88 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:252 Resp: 2397035
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 10.9 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 47.07 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

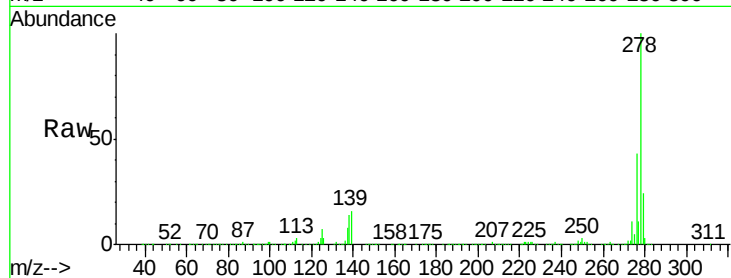
Tgt Ion:278 Resp: 2198711

Ion Ratio Lower Upper

278 100

139 16.3 13.7 20.5

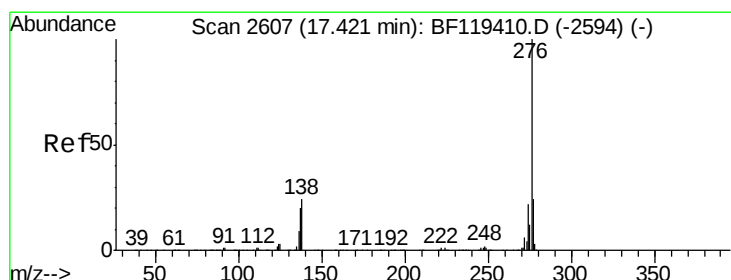
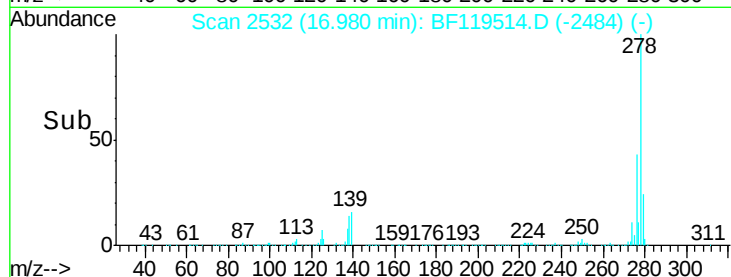
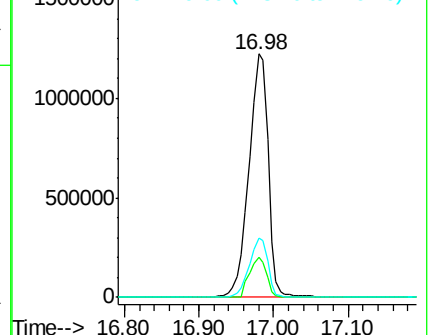
279 24.2 19.2 28.8



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: 45.69 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

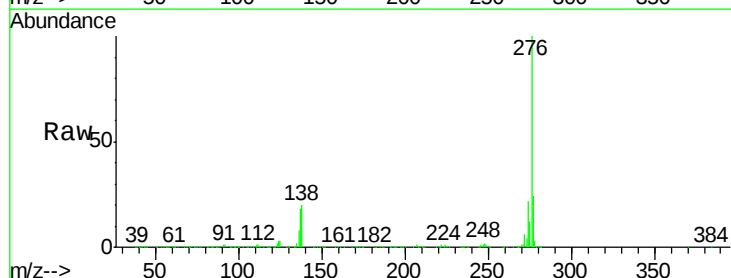
Tgt Ion:276 Resp: 2144448

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 19.9 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

