

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119546.D
 Acq On : 26 Mar 2020 22:53
 Operator : CG/JU
 Sample : L1753-16MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

Quant Time: Mar 27 00:45:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292659	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1141308	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	598146	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1151704	20.00	ng	0.00
76) Chrysene-d12	14.02	240	818871	20.00	ng	0.00
87) Perylene-d12	15.48	264	753483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2310836	125.70	ng	0.02
7) Phenol-d6	6.46	99	2588679	110.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	2025711	96.46	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	970748	157.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3811127	94.39	ng	0.00
79) Terphenyl-d14	12.96	244	4158726	99.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	344366	37.93	ng	# 83
3) Pyridine	3.52	79	821228	32.83	ng	97
4) n-Nitrosodimethylamine	3.43	42	514046	42.14	ng	97
6) Aniline	6.50	93	341518	10.54	ng	98
8) 2-Chlorophenol	6.62	128	995879	51.58	ng	98
9) Benzaldehyde	6.38	77	596705	40.05	ng	98
10) Phenol	6.47	94	1012037	40.39	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	1010924	50.44	ng	98
12) 1,3-Dichlorobenzene	6.77	146	944901	45.22	ng	99
13) 1,4-Dichlorobenzene	6.85	146	961303	45.99	ng	98
14) 1,2-Dichlorobenzene	7.00	146	901921	46.16	ng	99
15) Benzyl Alcohol	6.97	79	852703	48.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1806895	44.70	ng	97
17) 2-Methylphenol	7.09	107	806112	45.57	ng	97
18) Hexachloroethane	7.35	117	358292	46.77	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	717335	50.68	ng	96
20) 3+4-Methylphenols	7.09	107	805742	37.16	ng	78
22) Acetophenone	7.25	105	1363513	50.00	ng	# 89
24) Nitrobenzene	7.42	77	1080140	48.13	ng	99
25) Isophorone	7.66	82	2020207	47.42	ng	98
26) 2-Nitrophenol	7.73	139	529194	59.89	ng	97
27) 2,4-Dimethylphenol	7.77	122	924882	50.62	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1276407	50.67	ng	100
29) 2,4-Dichlorophenol	7.97	162	856241	51.00	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	883251	47.57	ng	98
31) Naphthalene	8.15	128	2835593	48.28	ng	99
32) Benzoic acid	7.90	122	604590	51.44	ng	97
33) 4-Chloroaniline	8.19	127	135345	5.03	ng	96
34) Hexachlorobutadiene	8.26	225	489030	47.08	ng	99
35) Caprolactam	8.57	113	101173	18.41	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	949691	51.76	ng	98
37) 2-Methylnaphthalene	8.84	142	1983352	51.45	ng	100
38) 1-Methylnaphthalene	8.94	142	1888589	51.76	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	849716	48.47	ng	99

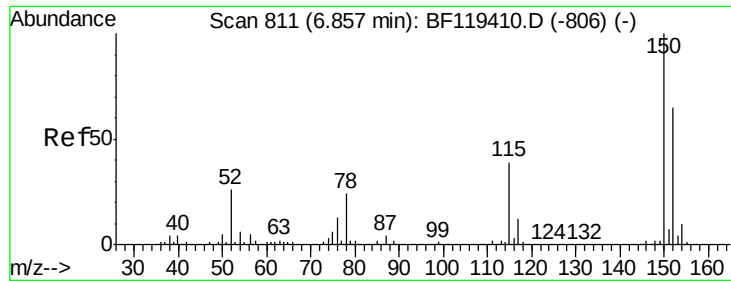
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	936472	93.95	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	715033	56.99	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	631651	44.94	ng	99
46) 1,1'-Biphenyl	9.30	154	2377848	48.81	ng	100
47) 2-Chloronaphthalene	9.33	162	1842728	48.29	ng	99
48) 2-Nitroaniline	9.42	65	681349	51.73	ng	98
49) Acenaphthylene	9.75	152	2914400	48.63	ng	99
50) Dimethylphthalate	9.61	163	1993670	46.92	ng	98
51) 2,6-Dinitrotoluene	9.67	165	468797	51.48	ng	94
52) Acenaphthene	9.92	154	1815442	48.60	ng	100
53) 3-Nitroaniline	9.83	138	159242	13.85	ng	98
54) 2,4-Dinitrophenol	9.95	184	533459	130.34	ng	95
55) Dibenzofuran	10.09	168	2637348	49.24	ng	97
56) 4-Nitrophenol	10.00	139	773114	85.24	ng	91
57) 2,4-Dinitrotoluene	10.07	165	625068	54.49	ng	# 86
58) Fluorene	10.43	166	2051596	51.80	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	551907	52.53	ng	98
60) Diethylphthalate	10.32	149	2271816	52.68	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	979641	50.58	ng	99
62) 4-Nitroaniline	10.46	138	489597	44.41	ng	99
63) Azobenzene	10.59	77	2144097	49.38	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	346765	71.80	ng	88
66) n-Nitrosodiphenylamine	10.55	169	1889540	49.98	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	650065	49.56	ng	99
68) Hexachlorobenzene	10.98	284	708585	52.78	ng	98
69) Atrazine	11.07	200	588966	56.82	ng	100
70) Pentachlorophenol	11.17	266	813059	103.29	ng	98
71) Phenanthrene	11.40	178	2956573	49.51	ng	98
72) Anthracene	11.45	178	2995272	49.35	ng	99
73) Carbazole	11.60	167	2836173	47.21	ng	97
74) Di-n-butylphthalate	11.94	149	3428680	53.35	ng	99
75) Fluoranthene	12.59	202	3202359	49.55	ng	98
77) Benzidine	12.70	184	476719	13.76	ng	97
78) Pyrene	12.82	202	3245822	48.30	ng	99
80) Butylbenzylphthalate	13.44	149	1497468	55.09	ng	99
81) Benzo(a)anthracene	14.01	228	2527594	47.47	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	331005	15.77	ng	96
83) Chrysene	14.04	228	2632028	47.89	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1883987	58.14	ng	100
85) Di-n-octyl phthalate	14.62	149	3357074	58.91	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2360564	45.61	ng	98
88) Benzo(b)fluoranthene	15.06	252	2558995	50.84	ng	99
89) Benzo(k)fluoranthene	15.09	252	2461735	51.36	ng	99
90) Benzo(a)pyrene	15.43	252	2213747	48.40	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1950279	48.75	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1953344	48.60	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

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BNA_F

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CL-02-032520MS

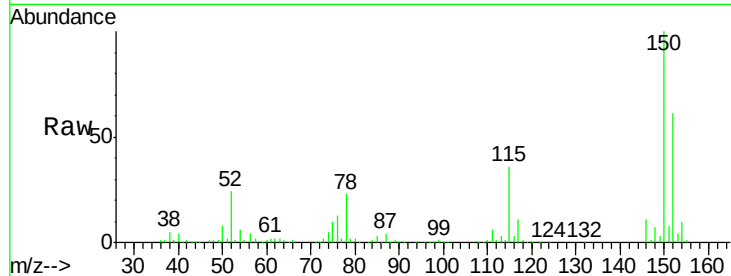
Tgt Ion:152 Resp: 292659

Ion Ratio Lower Upper

152 100

150 164.0 123.9 185.9

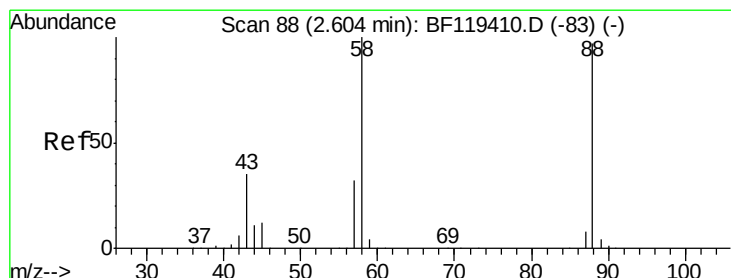
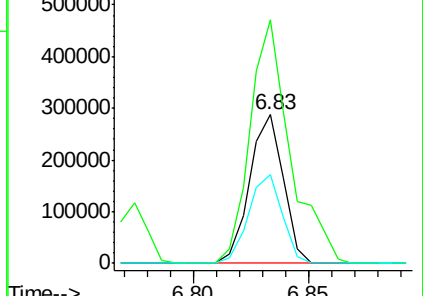
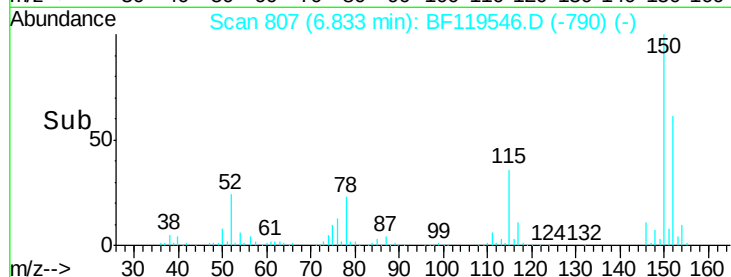
115 59.7 47.8 71.6



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: 37.93 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.26 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

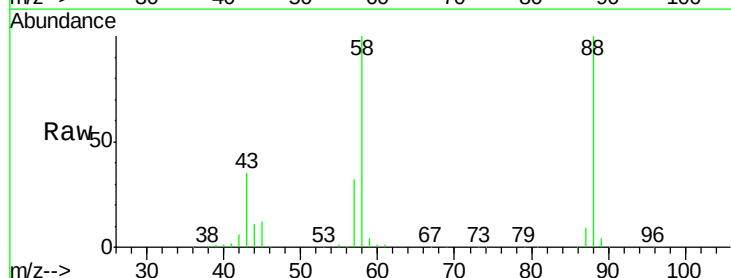
Tgt Ion: 88 Resp: 344366

Ion Ratio Lower Upper

88 100

58 100.7 79.4 119.2

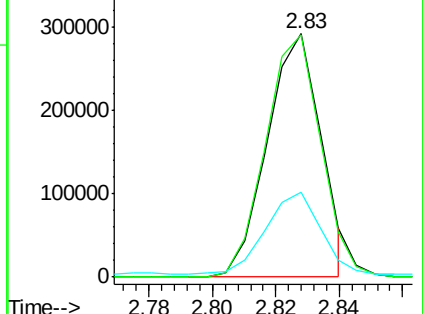
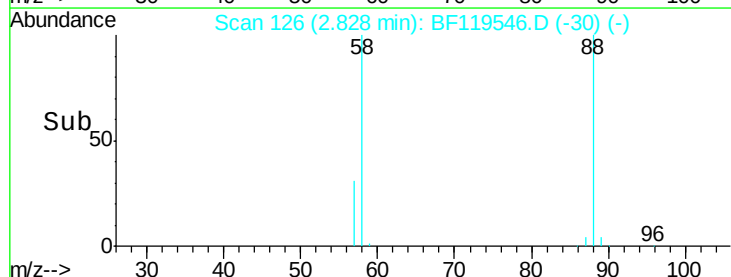
43 0.0 28.4 42.6#

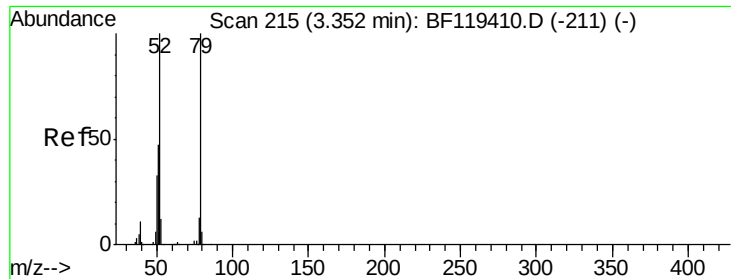


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 32.83 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.22 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

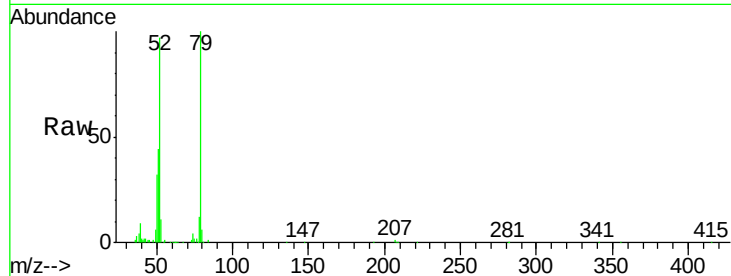
Tgt Ion: 79 Resp: 821228

Ion Ratio Lower Upper

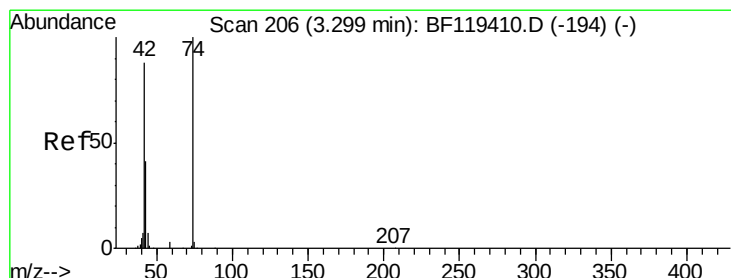
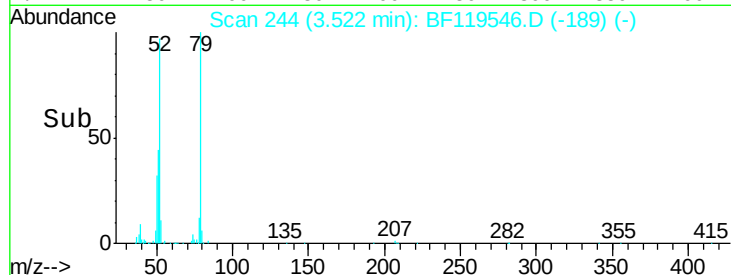
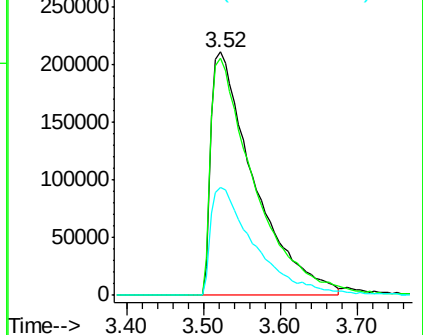
79 100

52 97.3 80.0 120.0

51 44.4 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: 42.14 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.18 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

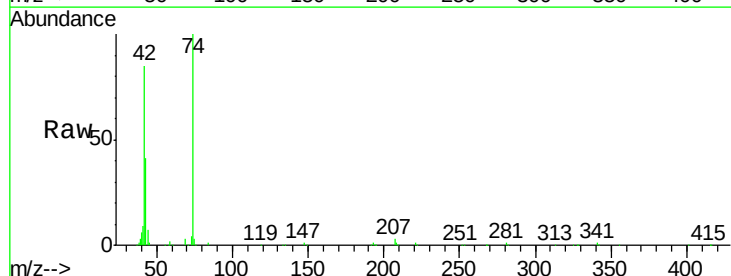
Tgt Ion: 42 Resp: 514046

Ion Ratio Lower Upper

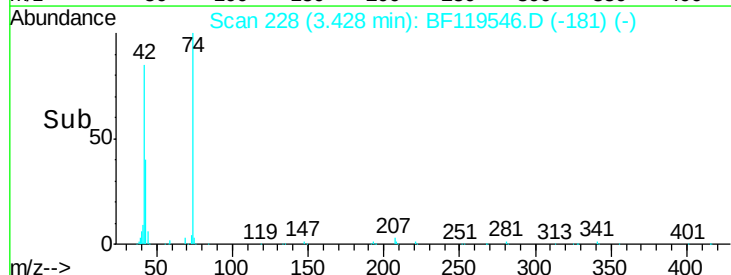
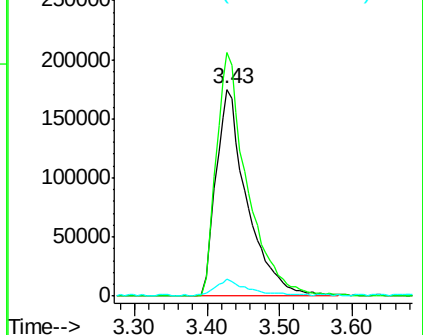
42 100

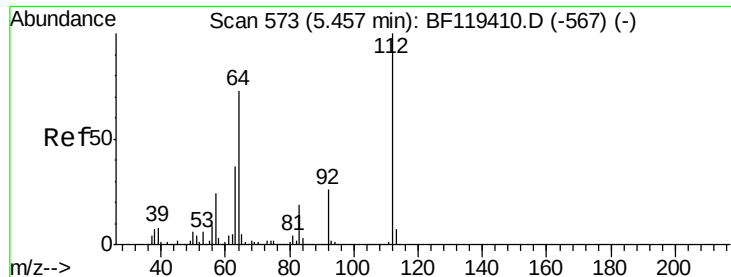
74 117.8 91.3 136.9

44 8.0 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: 125.70 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

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CL-02-032520MS

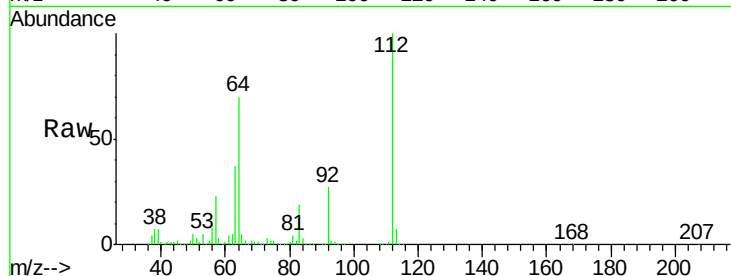
Tgt Ion: 112 Resp: 2310836

Ion Ratio Lower Upper

112 100

64 70.0 58.1 87.1

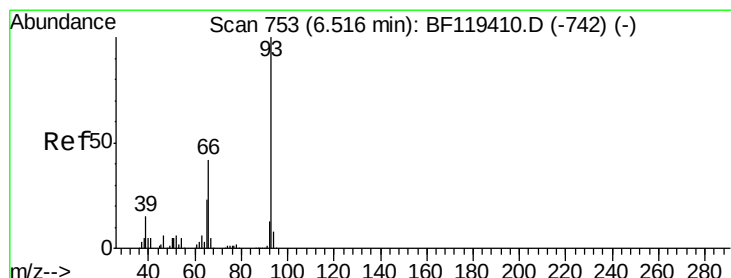
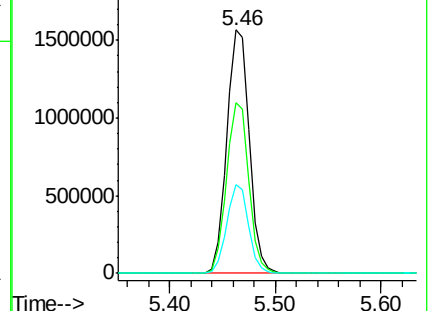
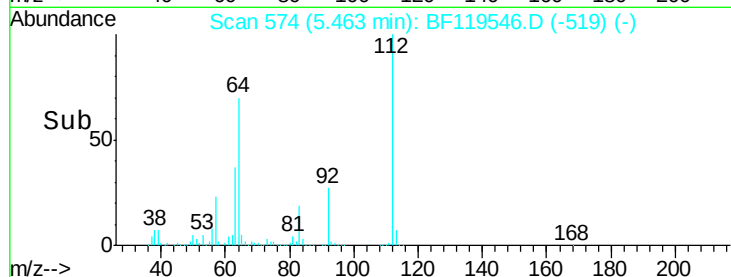
63 36.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.54 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

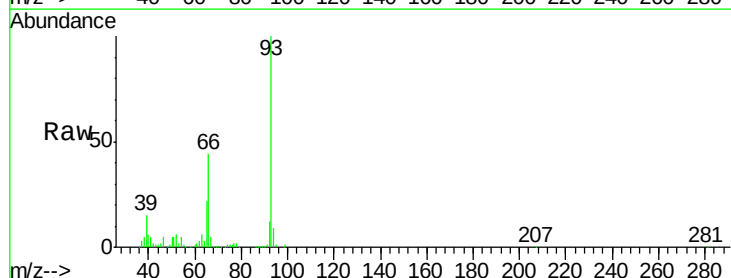
Tgt Ion: 93 Resp: 341518

Ion Ratio Lower Upper

93 100

66 44.0 34.2 51.4

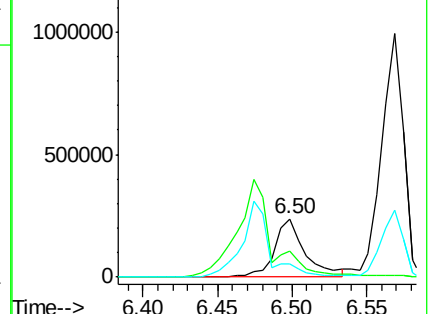
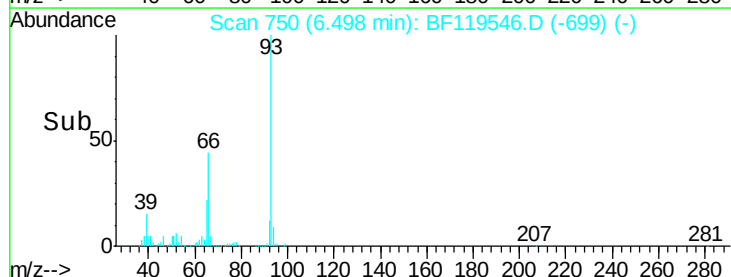
65 22.3 18.2 27.4

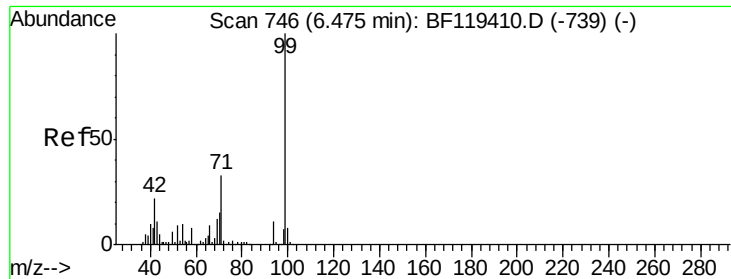


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.23 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119546.D

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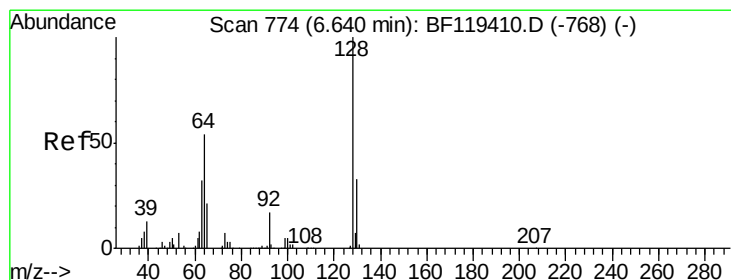
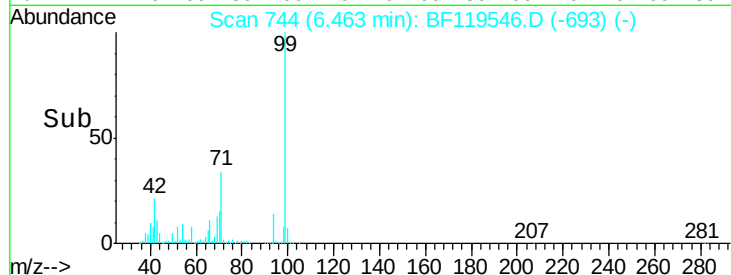
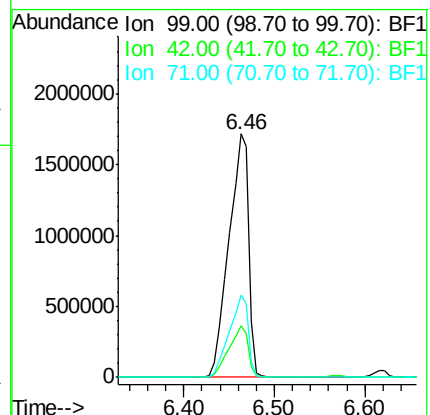
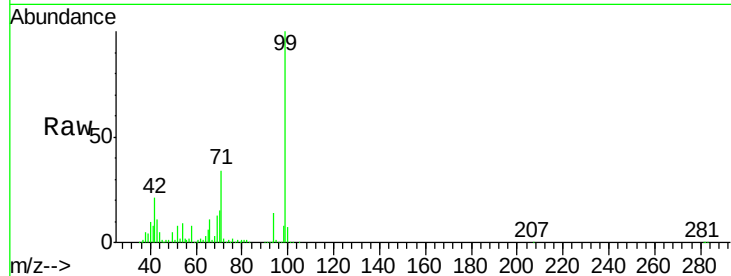
Tgt Ion: 99 Resp: 2588679

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 34.0 26.0 39.0



#8

2-Chlorophenol

Concen: 51.58 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

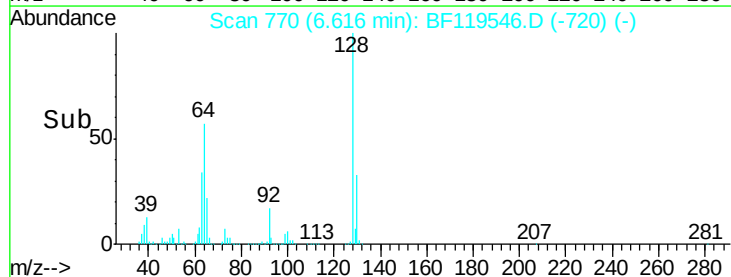
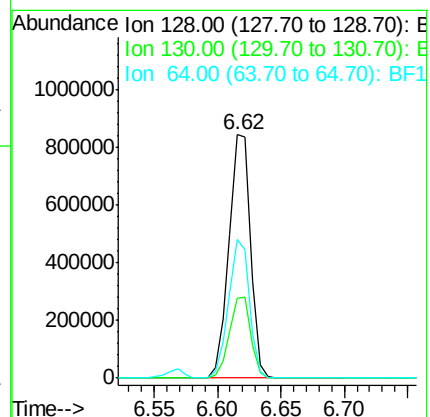
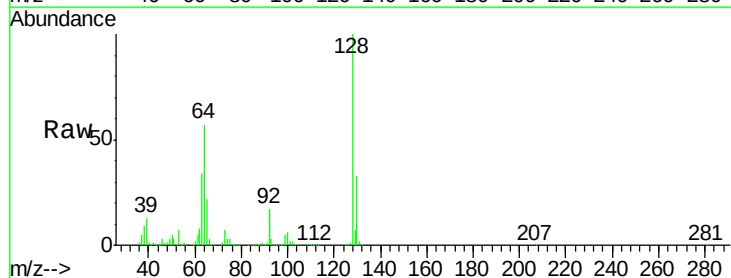
Tgt Ion: 128 Resp: 995879

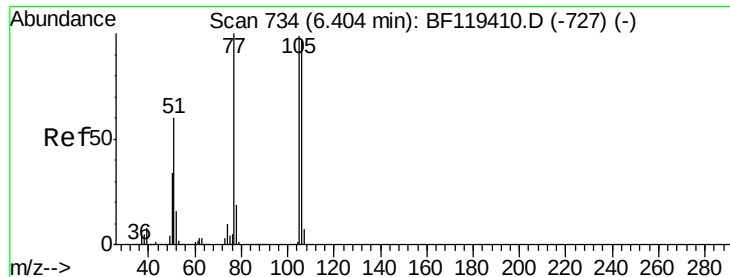
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 56.8 35.1 75.1





#9

Benzaldehyde

Concen: 40.05 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119546.D

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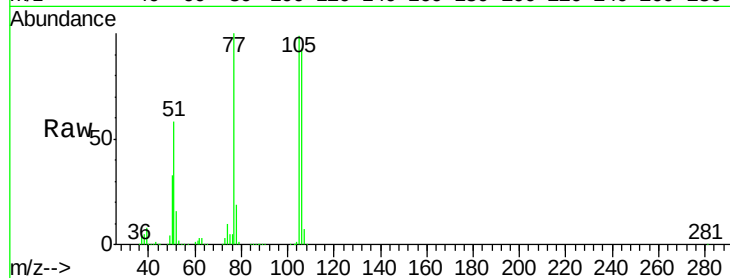
Tgt Ion: 77 Resp: 596705

Ion Ratio Lower Upper

77 100

105 98.9 78.6 118.6

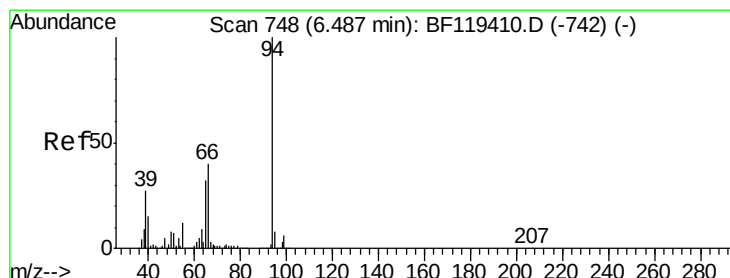
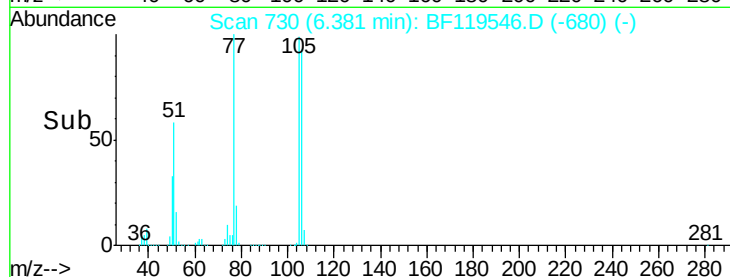
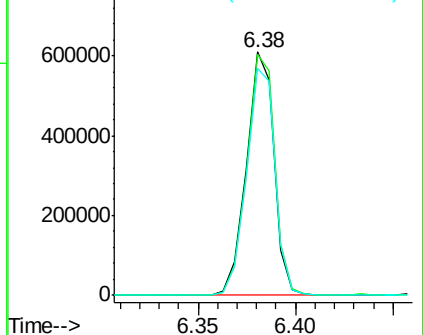
106 93.1 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.39 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

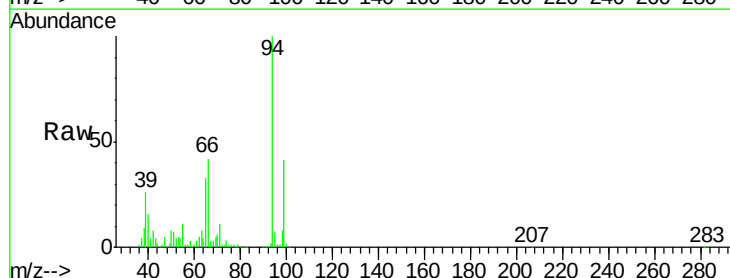
Tgt Ion: 94 Resp: 1012037

Ion Ratio Lower Upper

94 100

65 32.8 12.0 52.0

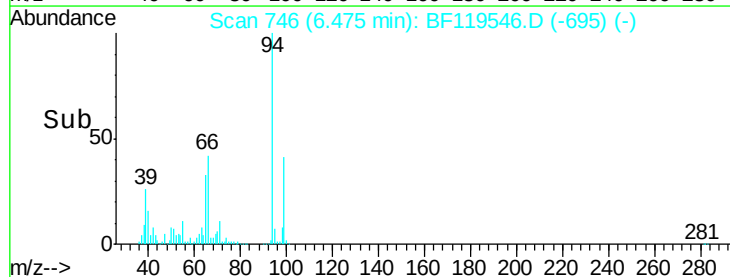
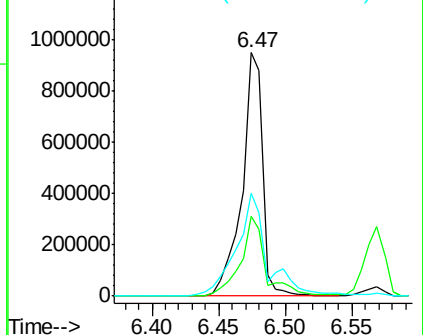
66 42.3 20.6 60.6

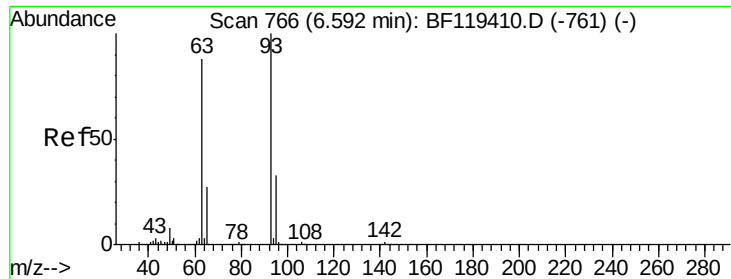


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

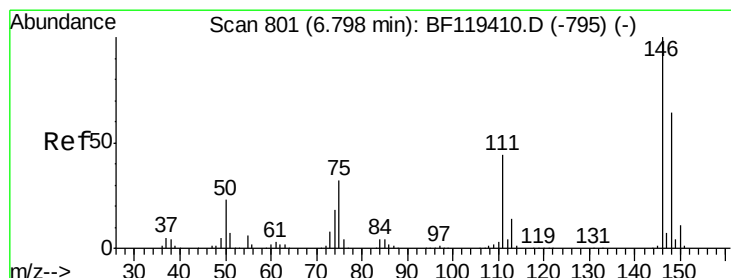
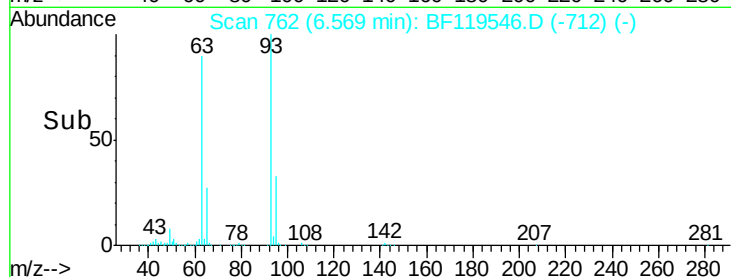
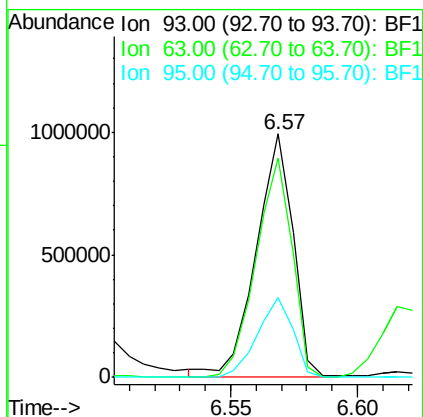
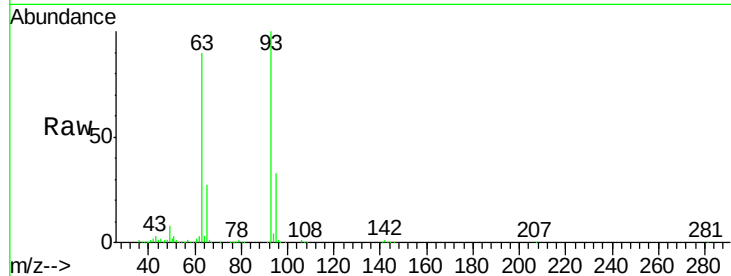




#11
bis(2-Chloroethyl)ether
Concen: 50.44 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

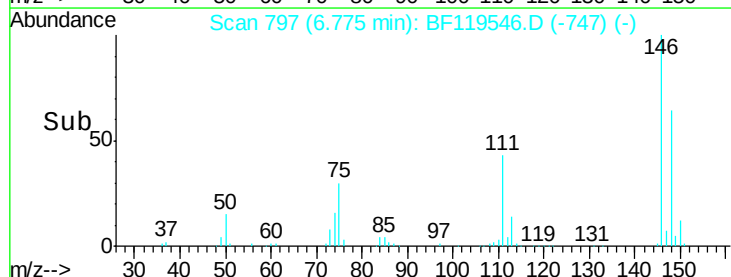
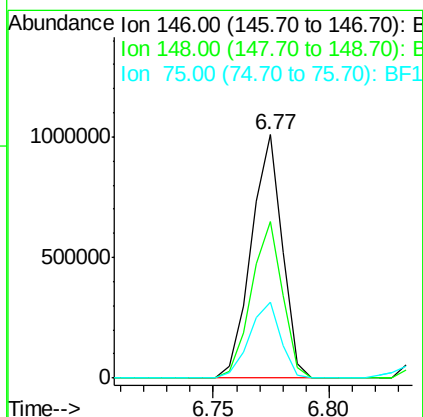
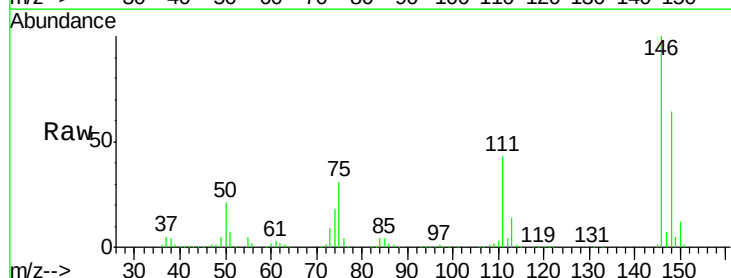
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

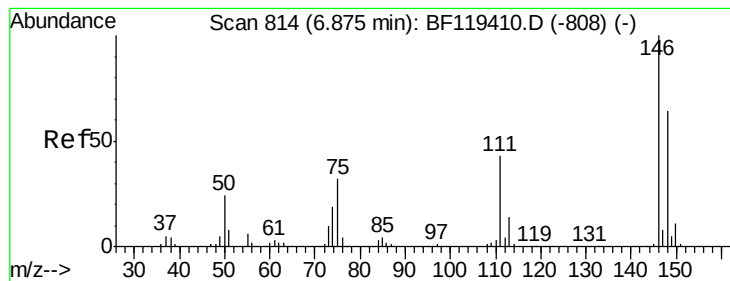
Tgt Ion: 93 Resp: 1010924
Ion Ratio Lower Upper
93 100
63 90.0 68.4 108.4
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.22 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion: 146 Resp: 944901
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 31.0 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.99 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

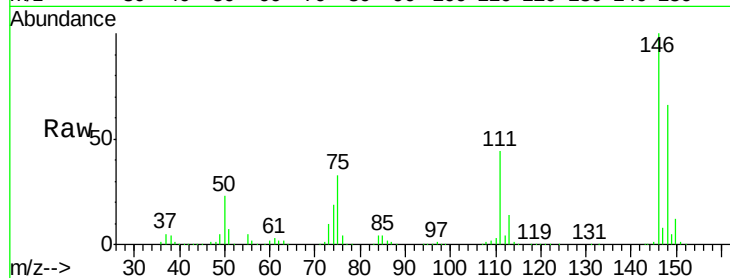
Tgt Ion:146 Resp: 961303

Ion Ratio Lower Upper

146 100

148 66.2 50.9 76.3

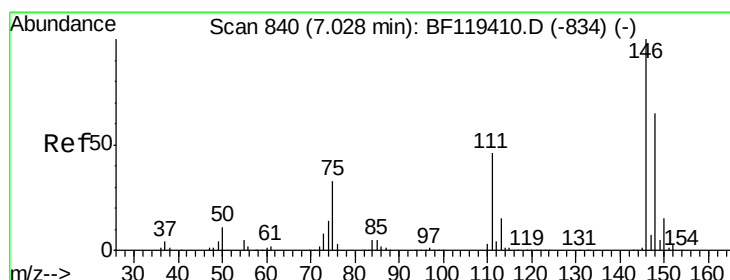
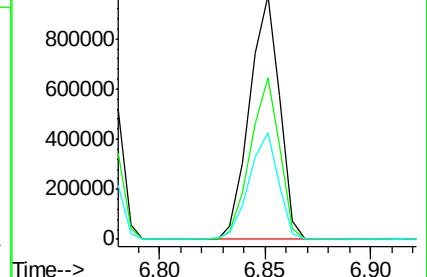
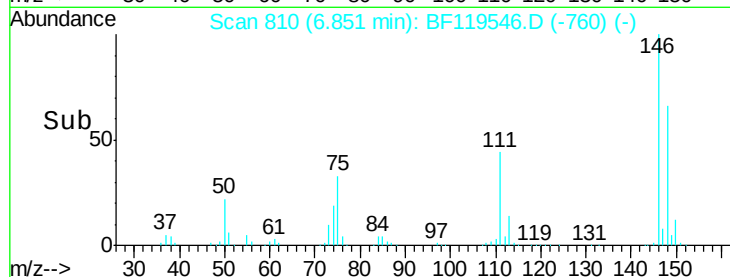
111 43.7 34.6 52.0



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: 46.16 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

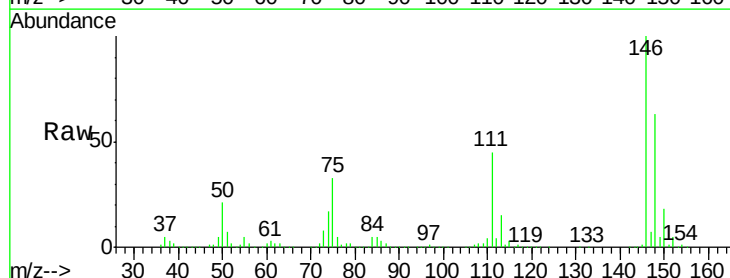
Tgt Ion:146 Resp: 901921

Ion Ratio Lower Upper

146 100

148 63.2 51.7 77.5

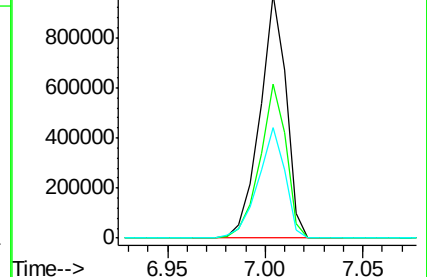
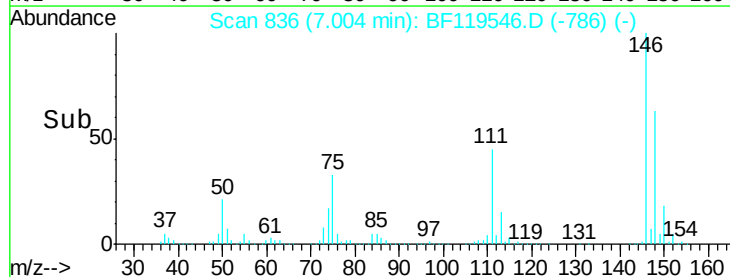
111 45.5 36.4 54.6

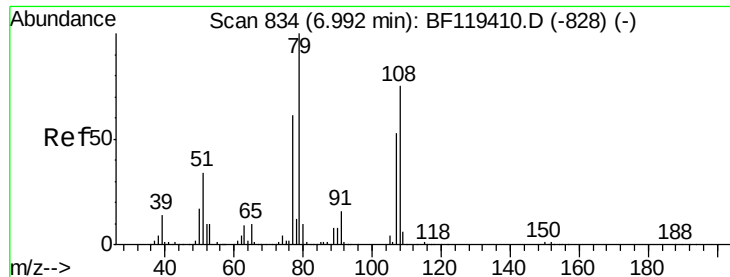


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.27 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

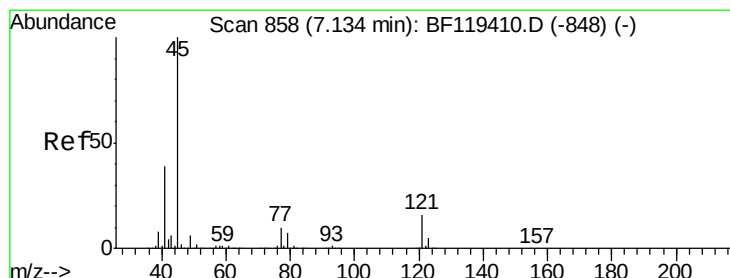
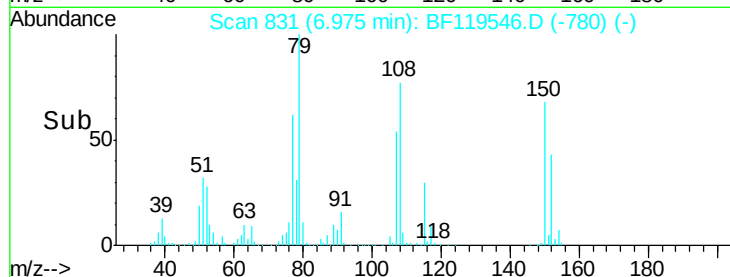
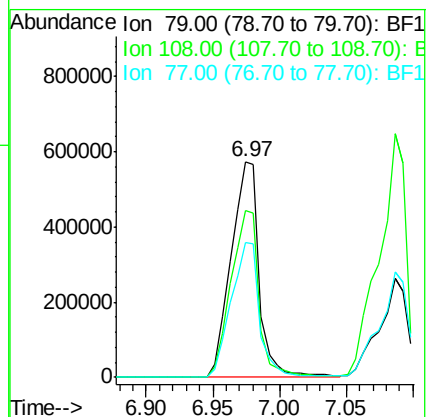
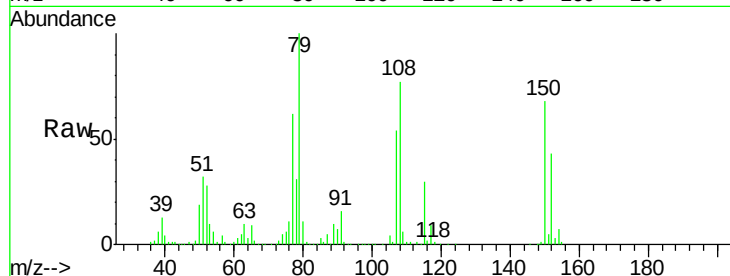
Tgt Ion: 79 Resp: 852703

Ion Ratio Lower Upper

79 100

108 77.1 60.4 90.6

77 62.4 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.70 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

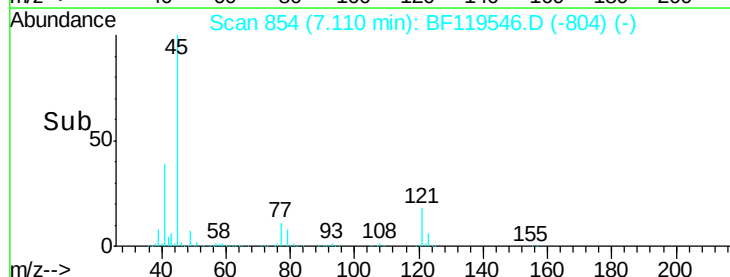
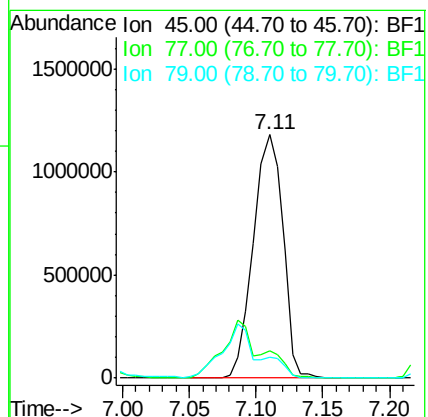
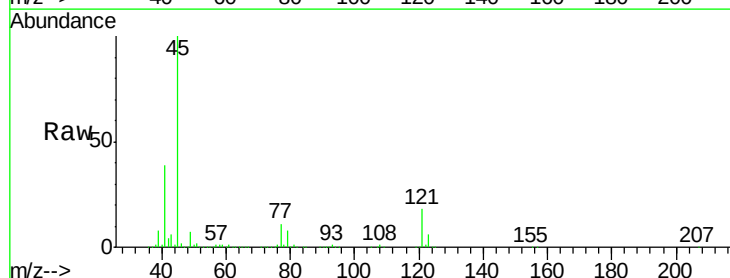
Tgt Ion: 45 Resp: 1806895

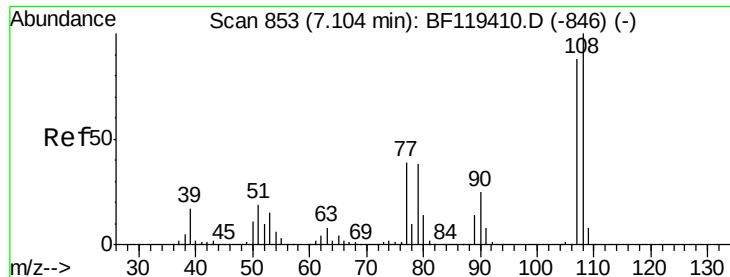
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.1

79 8.4 0.0 27.4

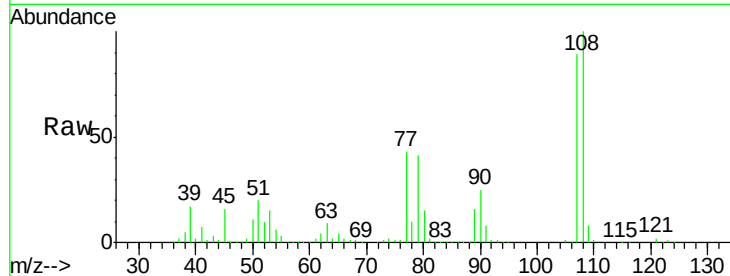




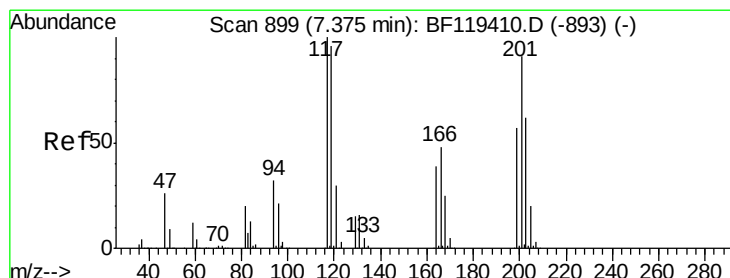
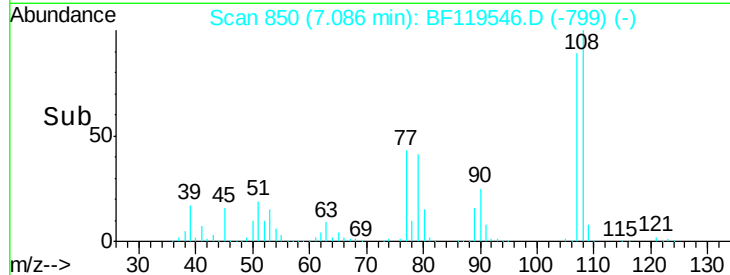
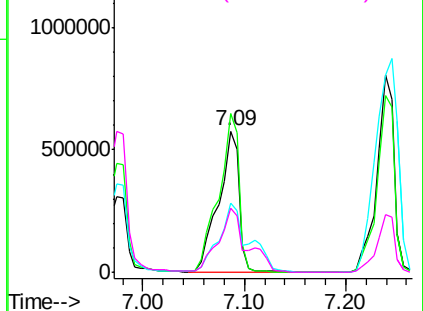
#17
2-Methylphenol
Concen: 45.57 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Tgt Ion:	107	Resp:	806112
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.7	136.1
77	48.5	35.6	53.4
79	45.6	34.7	52.1

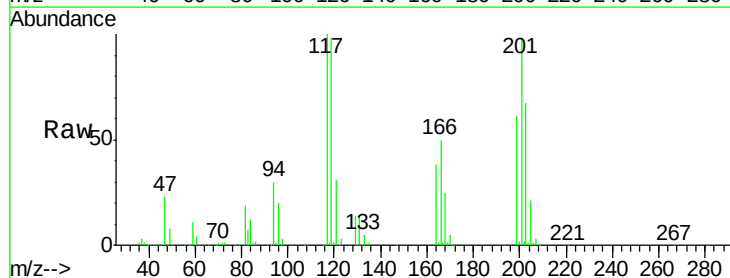


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

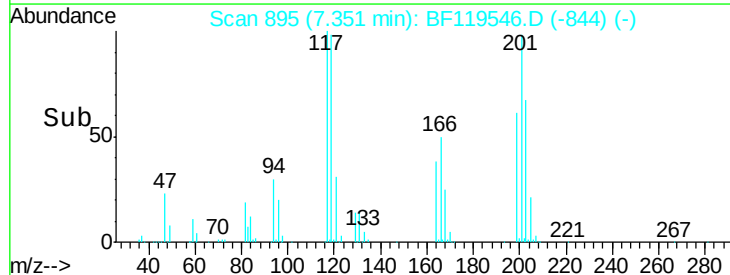
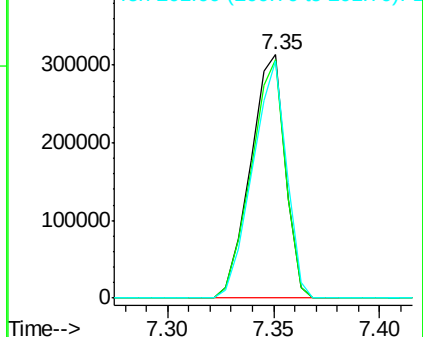


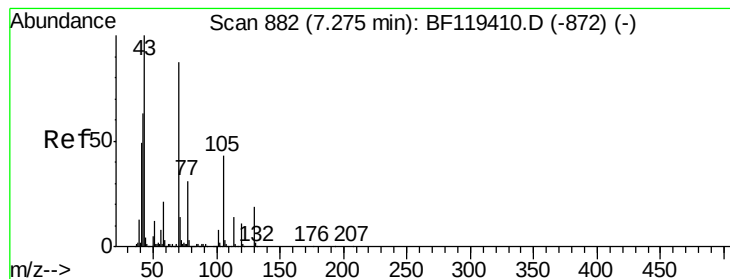
#18
Hexachloroethane
Concen: 46.77 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:	117	Resp:	358292
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.8	115.2
201	97.5	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: 50.68 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

Tgt Ion: 70 Resp: 717335

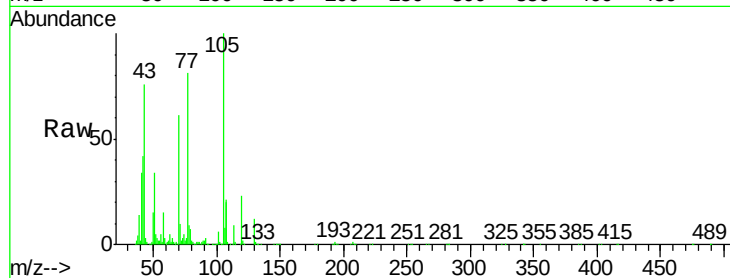
Ion Ratio Lower Upper

70 100

42 69.2 58.2 87.4

101 9.4 7.4 11.2

130 20.6 17.8 26.8

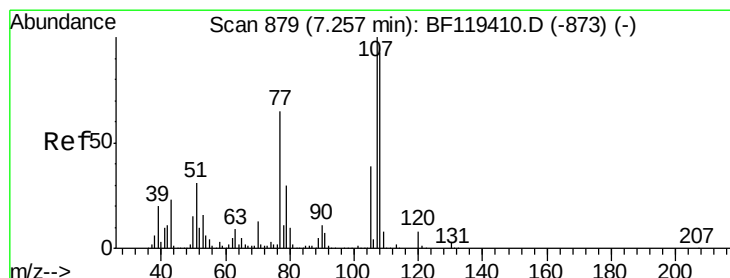
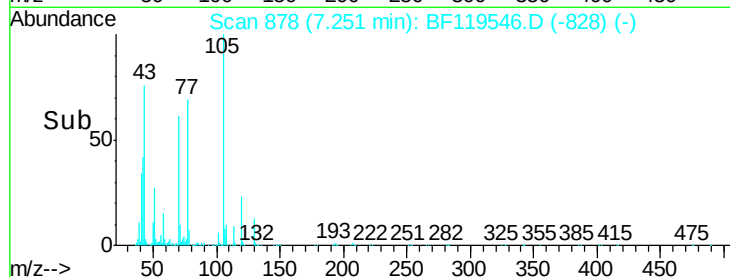
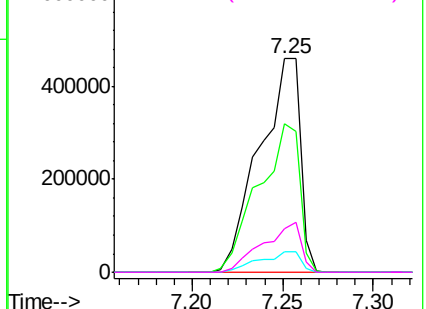


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.16 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.15 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Tgt Ion: 107 Resp: 805742

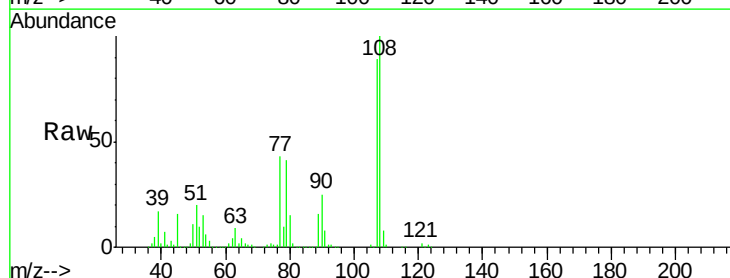
Ion Ratio Lower Upper

107 100

108 112.1 72.6 112.6

77 48.5 44.7 84.7

79 45.6 10.2 50.2

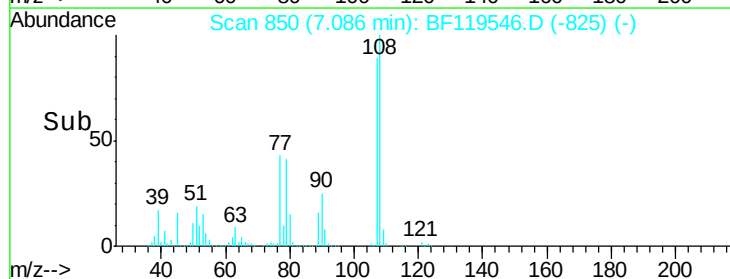
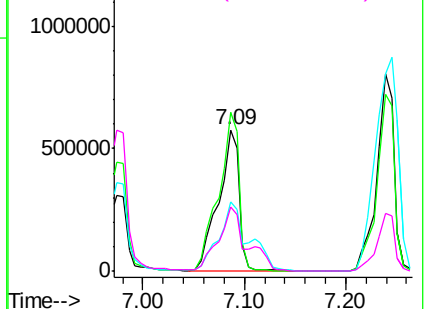


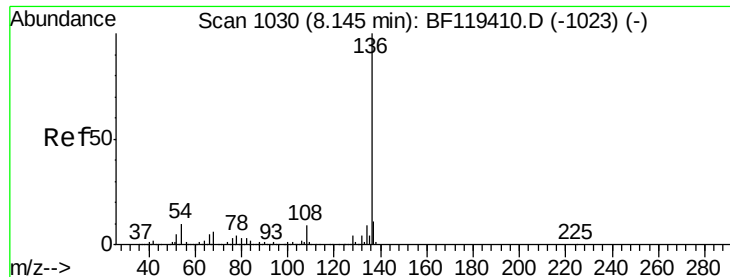
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

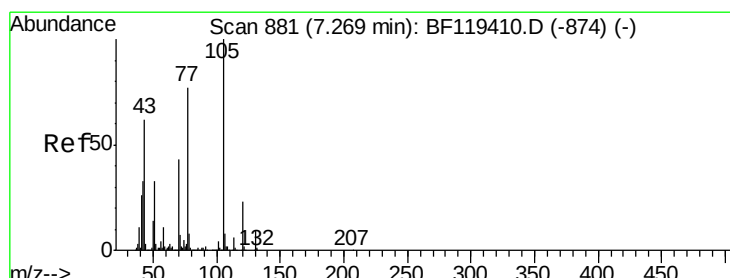
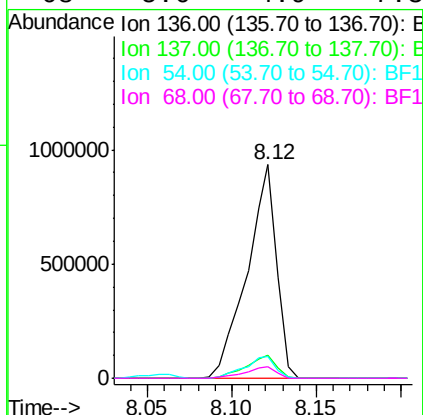
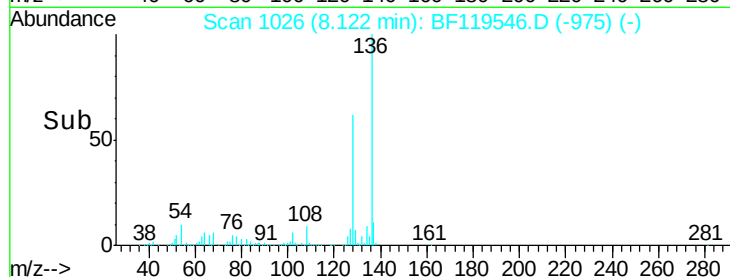
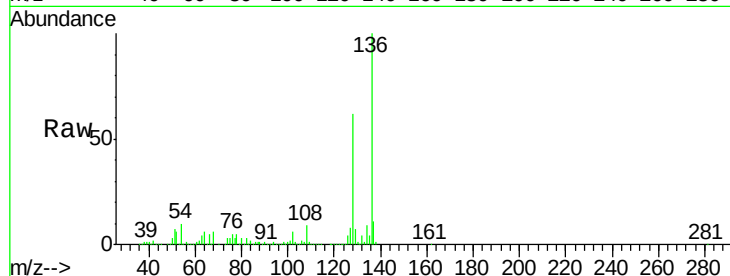




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

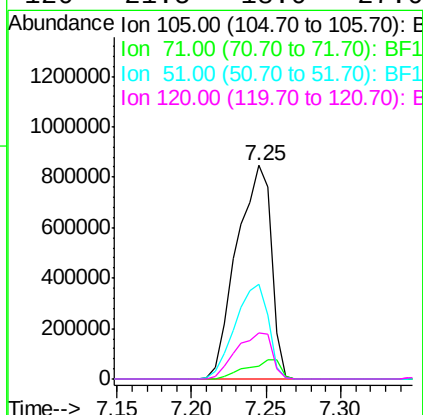
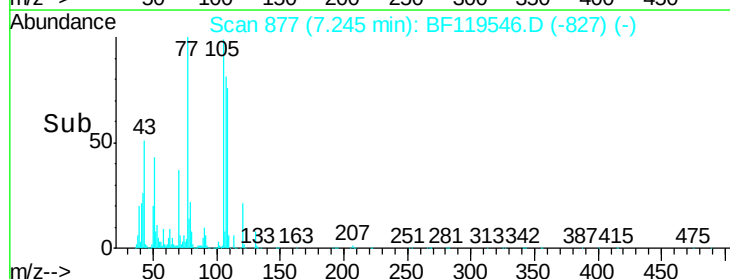
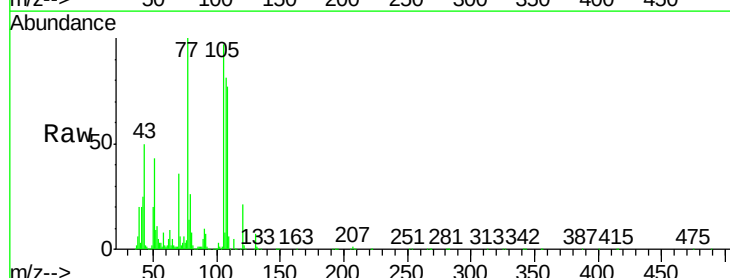
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

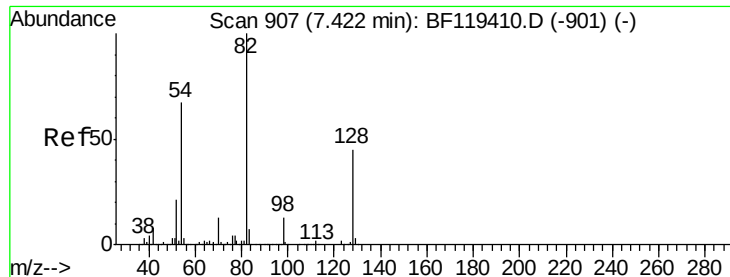
Tgt Ion:	136	Resp:	1141308
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.3	8.3	12.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 50.00 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:	105	Resp:	1363513
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.8	8.6
51	44.2	26.8	40.2#
120	21.5	18.0	27.0

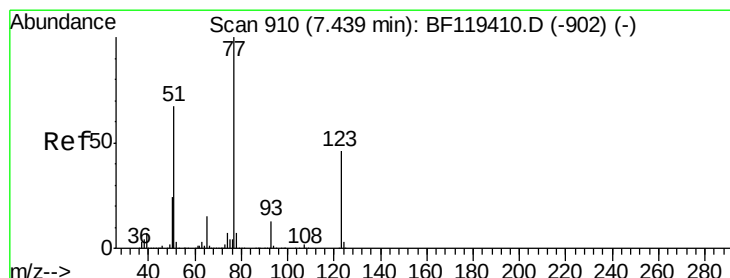
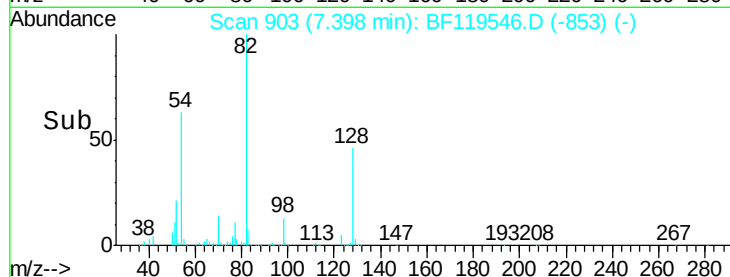
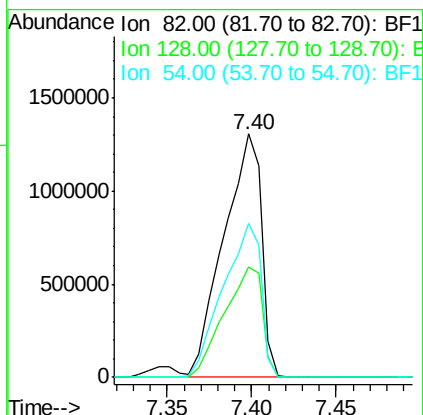
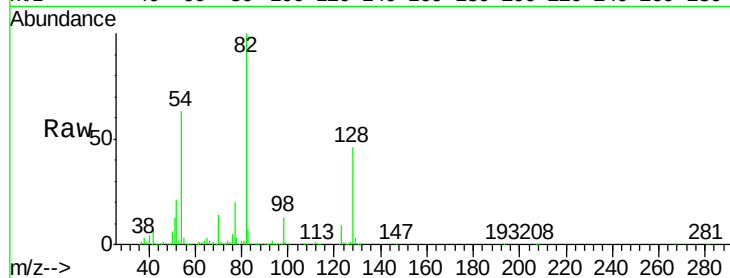




#23
 Nitrobenzene-d5
 Concen: 96.46 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

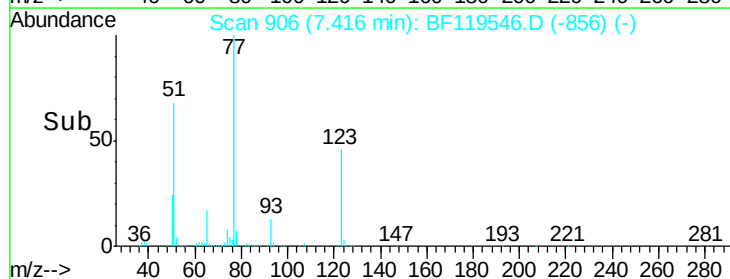
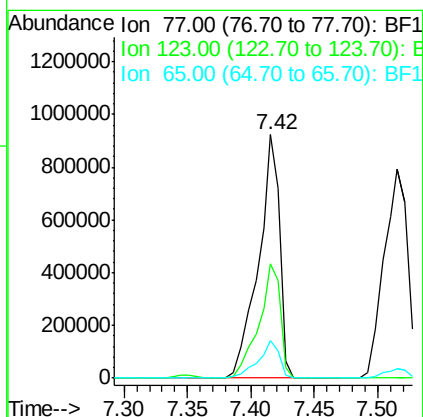
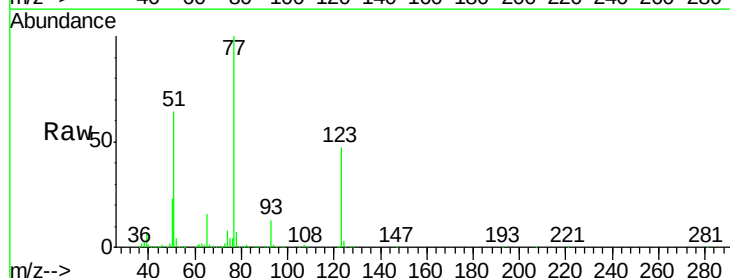
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

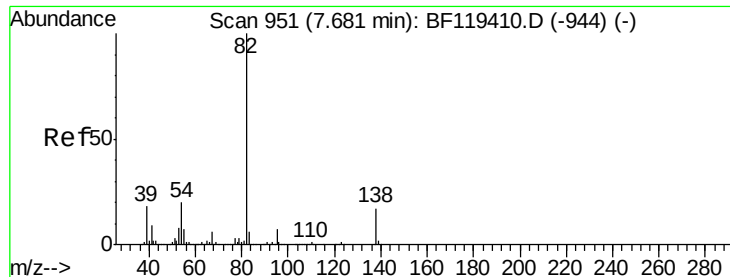
Tgt Ion: 82 Resp: 2025711
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.8 53.8
 54 63.4 53.4 80.0



#24
 Nitrobenzene
 Concen: 48.13 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion: 77 Resp: 1080140
 Ion Ratio Lower Upper
 77 100
 123 46.8 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 47.42 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

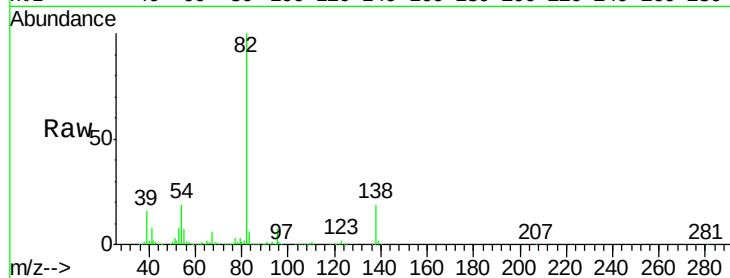
Tgt Ion: 82 Resp: 2020207

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

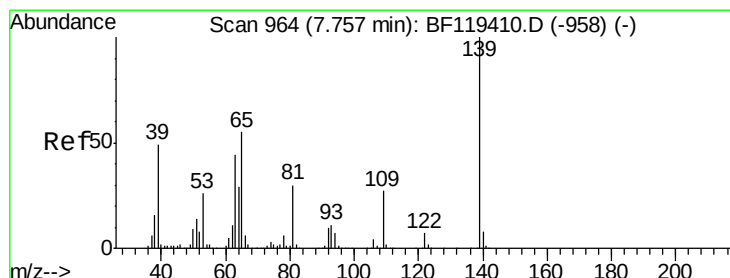
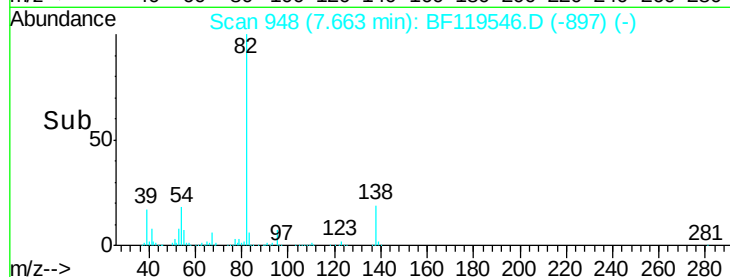
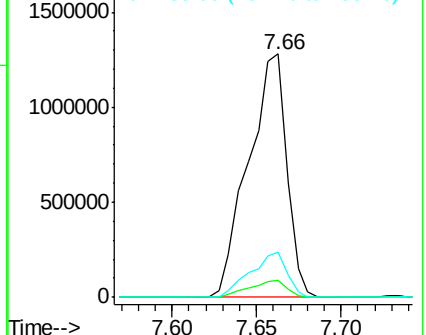
138 18.6 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 59.89 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

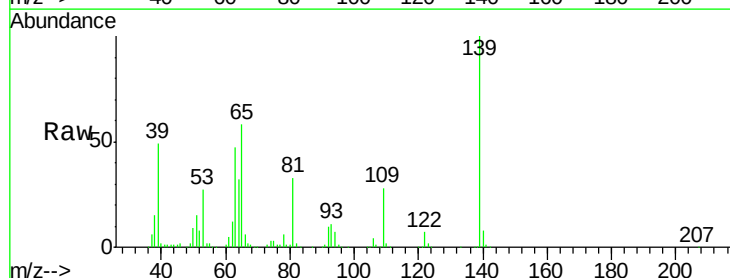
Tgt Ion: 139 Resp: 529194

Ion Ratio Lower Upper

139 100

109 28.0 21.7 32.5

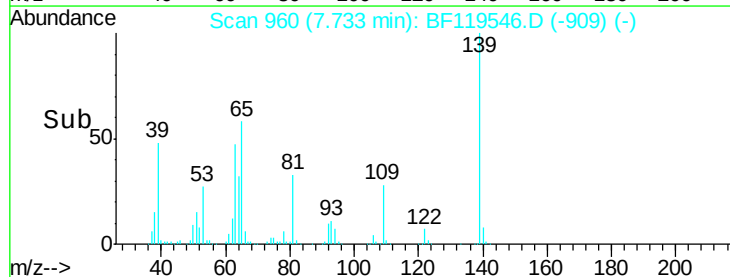
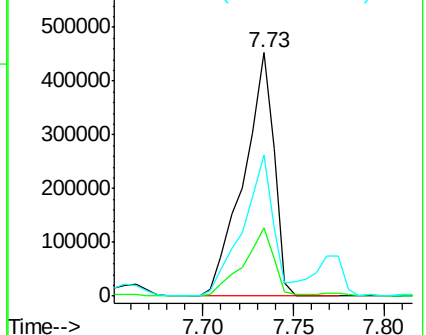
65 58.0 43.9 65.9

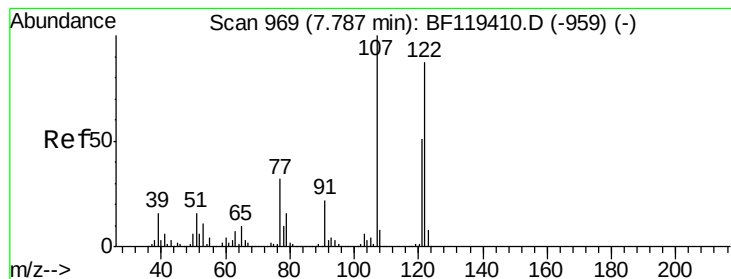


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.62 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

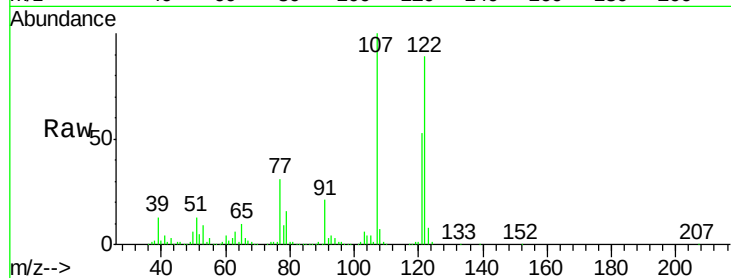
Tgt Ion:122 Resp: 924882

Ion Ratio Lower Upper

122 100

107 111.8 91.8 137.6

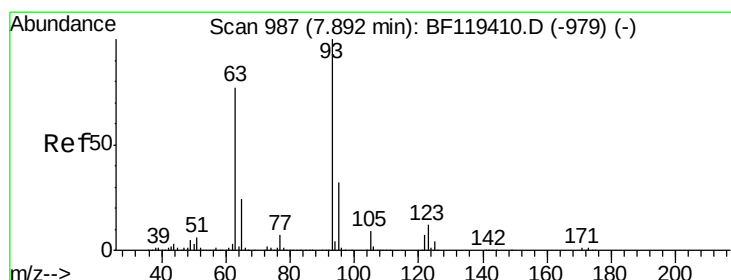
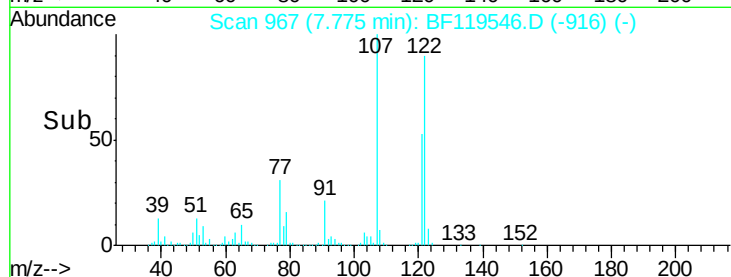
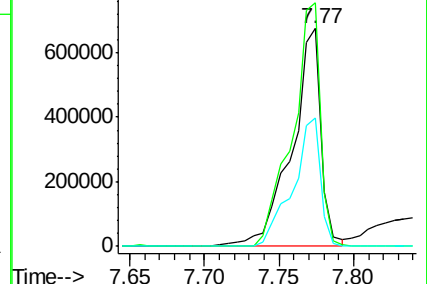
121 59.2 46.5 69.7



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: 50.67 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

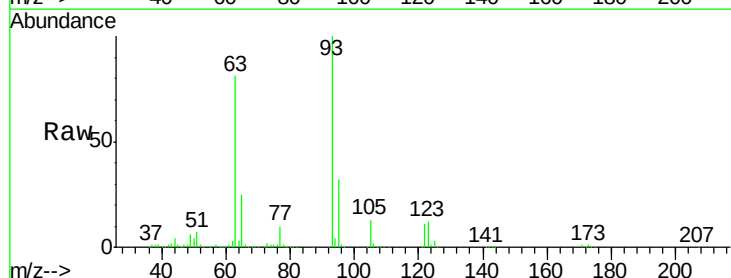
Tgt Ion: 93 Resp: 1276407

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

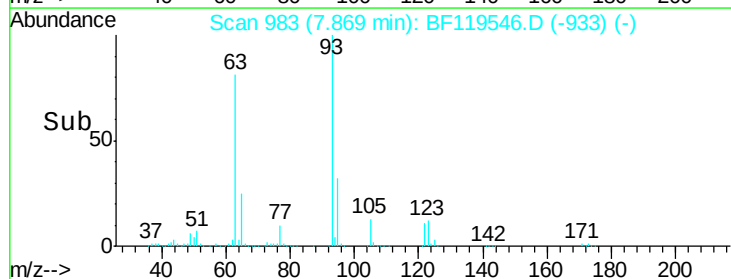
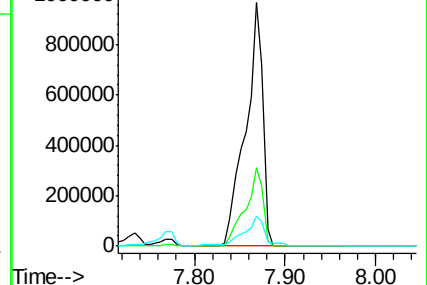
123 12.1 9.7 14.5

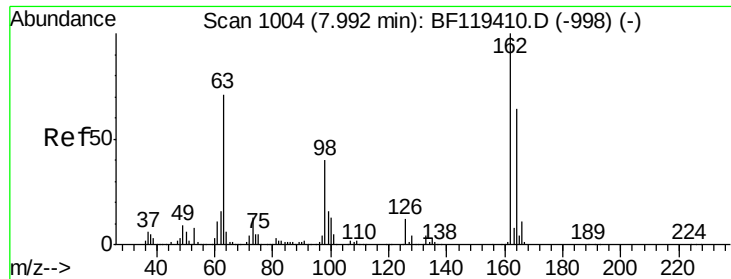


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

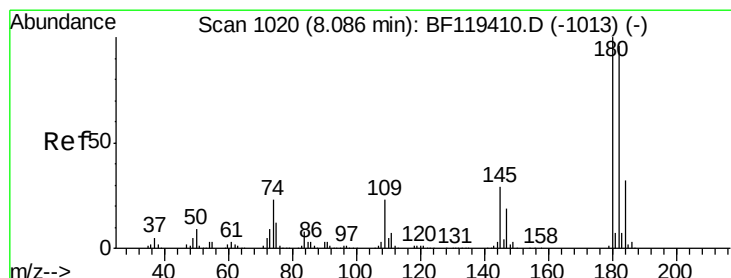
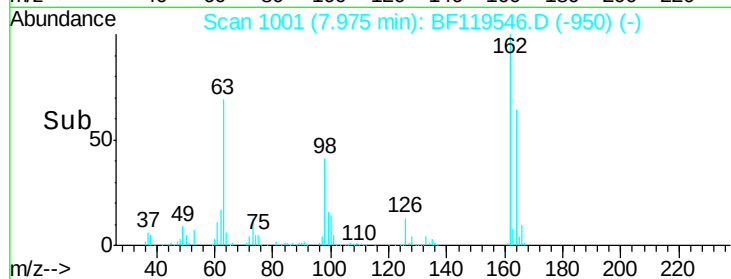
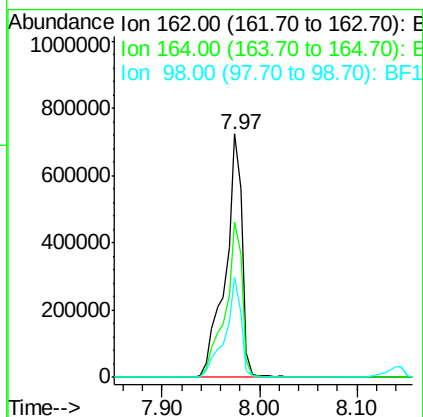
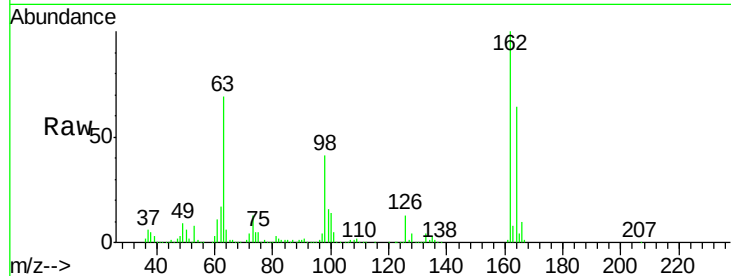




#29
 2,4-Dichlorophenol
 Concen: 51.00 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

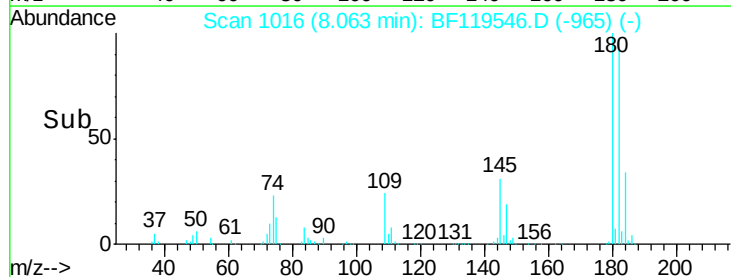
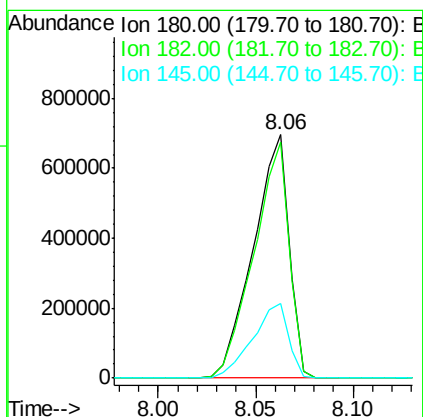
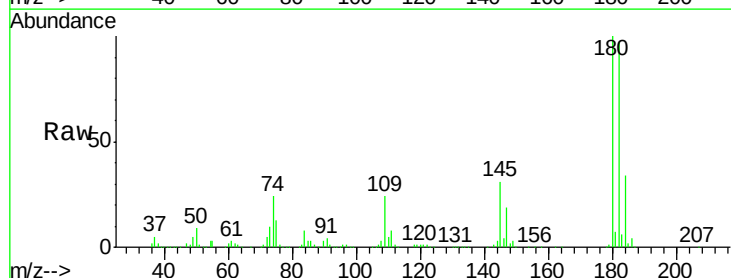
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

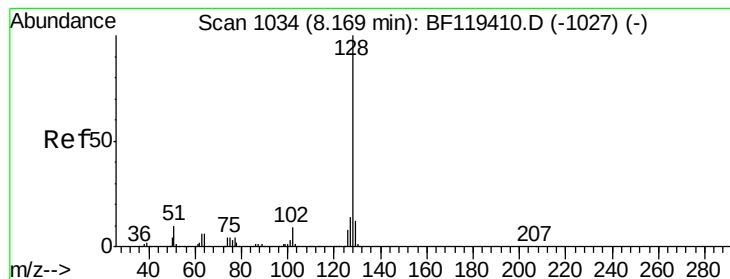
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	41.0	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 47.57 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	115.0
145	30.5	23.2	34.8





#31

Naphthalene

Concen: 48.28 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

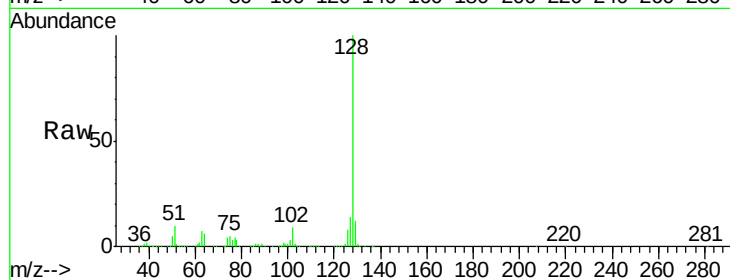
Tgt Ion:128 Resp: 2835593

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

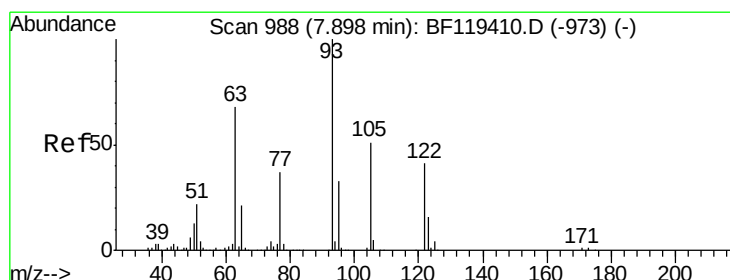
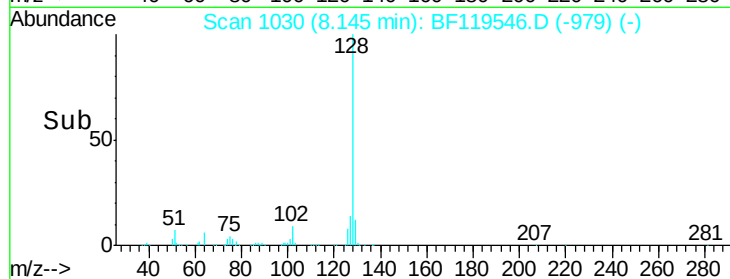
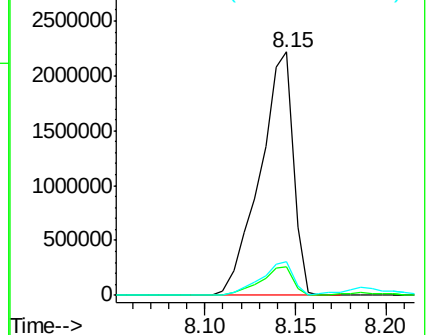
127 14.0 11.0 16.4



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: 51.44 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

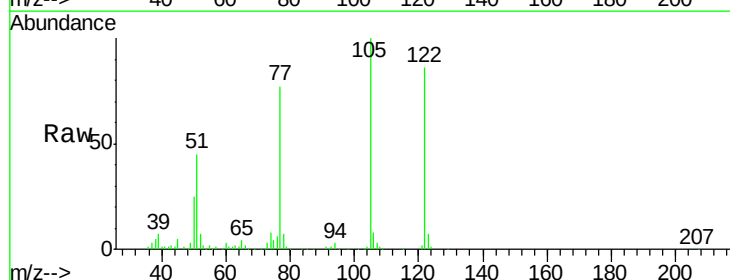
Tgt Ion:122 Resp: 604590

Ion Ratio Lower Upper

122 100

105 116.6 102.9 142.9

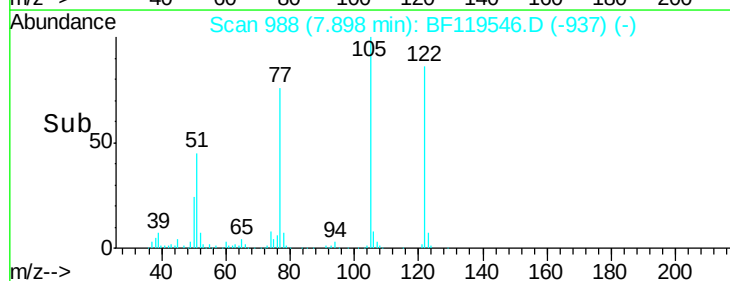
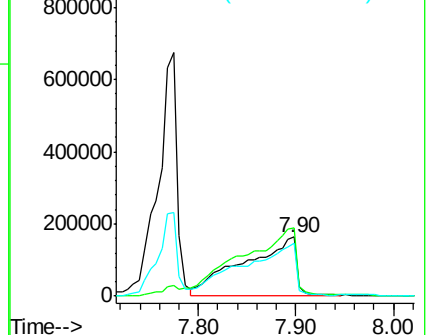
77 89.9 70.1 110.1

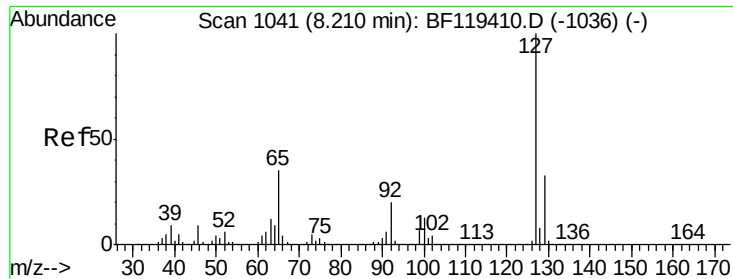


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

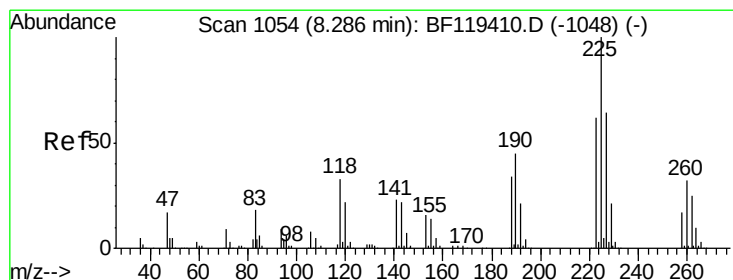
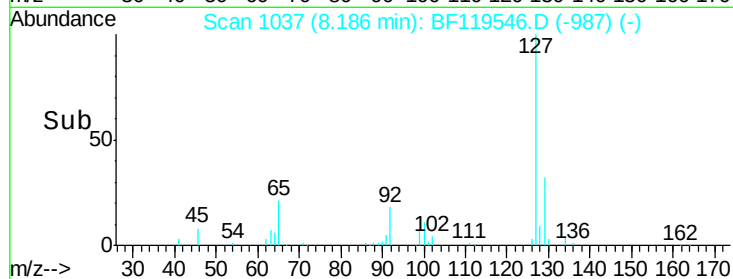
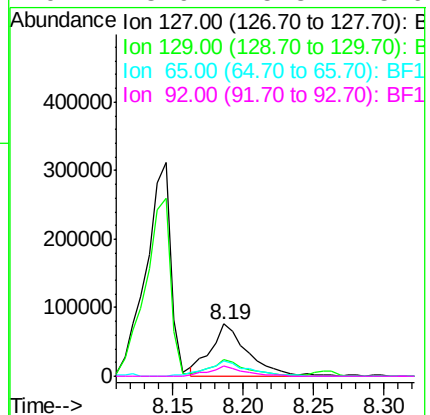
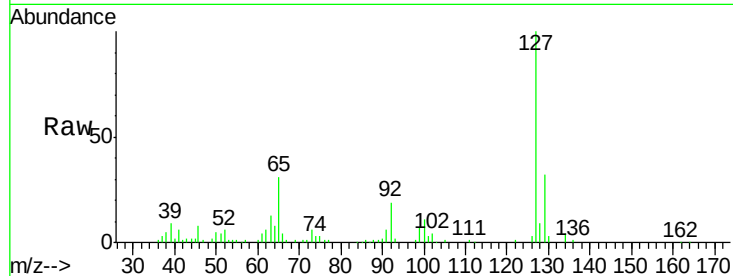




#33
4-Chloroaniline
Concen: 5.03 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

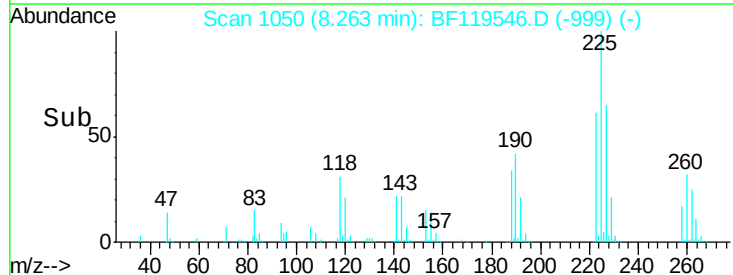
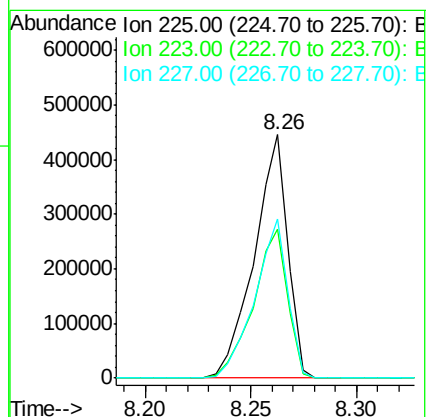
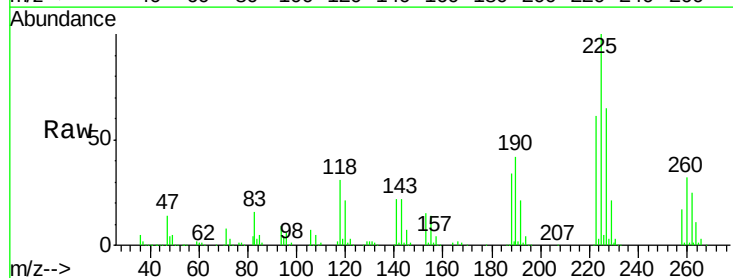
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

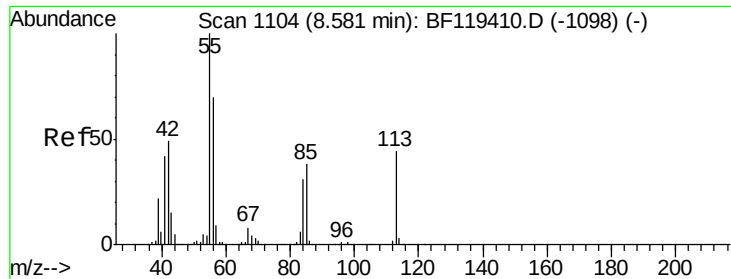
Tgt Ion:	127	Resp:	135345
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	30.7	27.7	41.5
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.08 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:	225	Resp:	489030
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.2	73.8
227	65.3	51.1	76.7

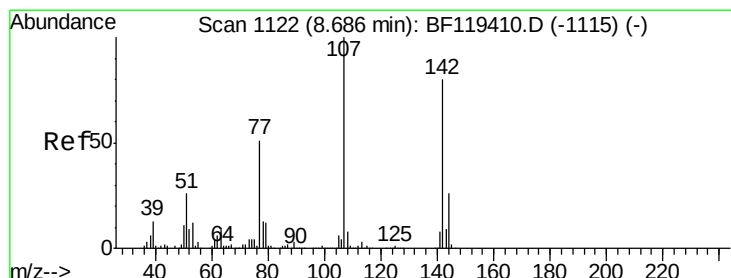
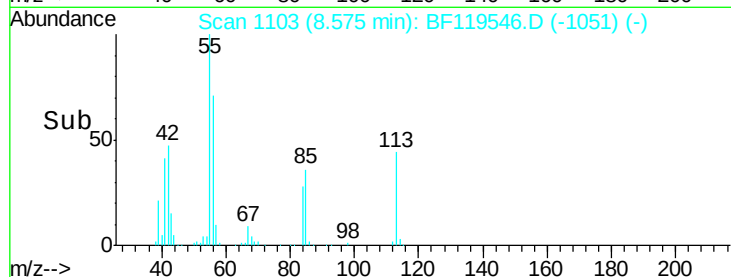
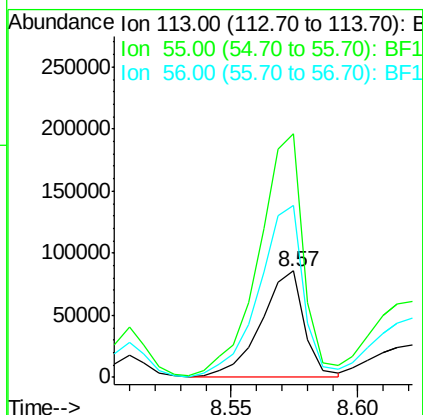
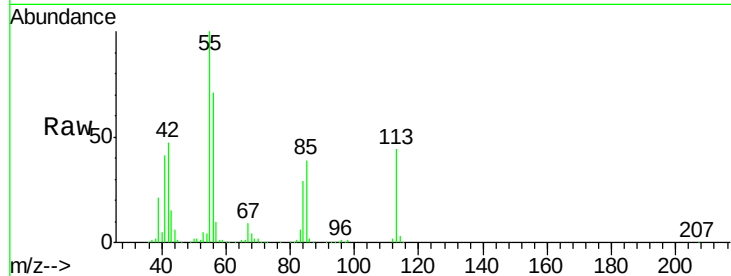




#35
 Caprolactam
 Concen: 18.41 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

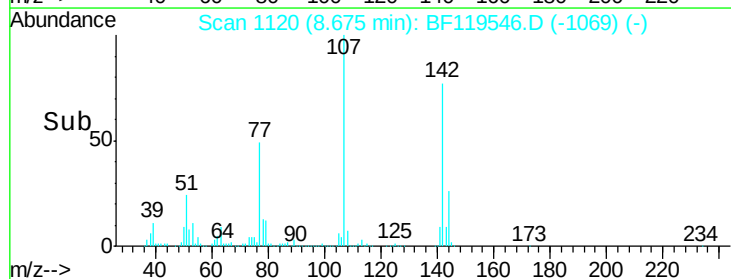
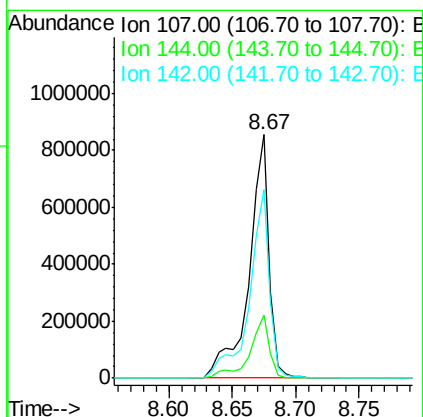
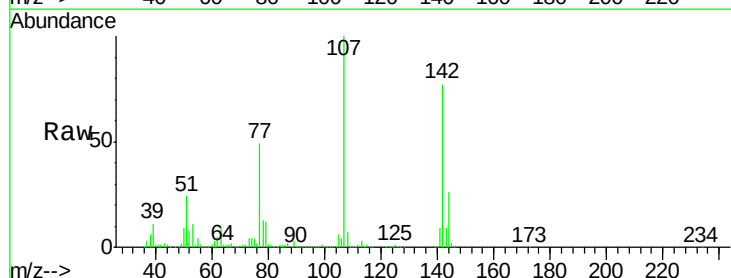
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

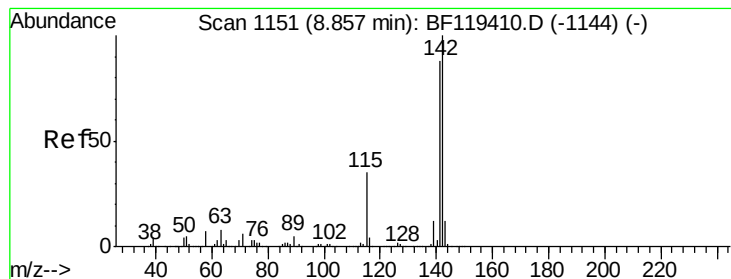
Tgt Ion:113 Resp: 101173
 Ion Ratio Lower Upper
 113 100
 55 229.0 208.4 248.4
 56 161.7 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 51.76 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:107 Resp: 949691
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 31.0
 142 77.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 51.45 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

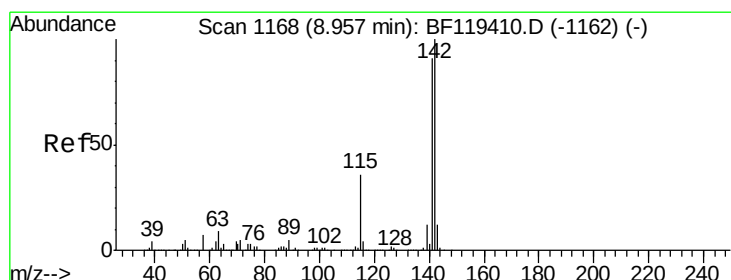
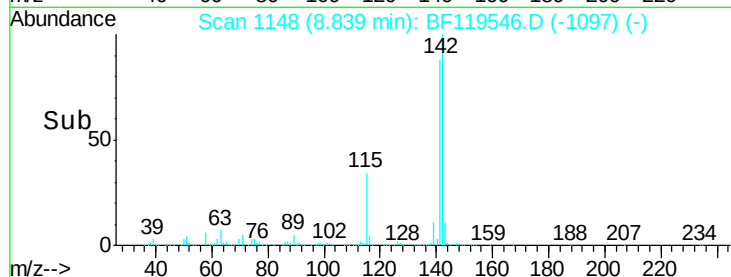
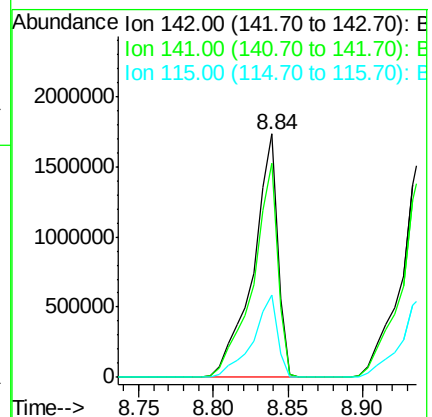
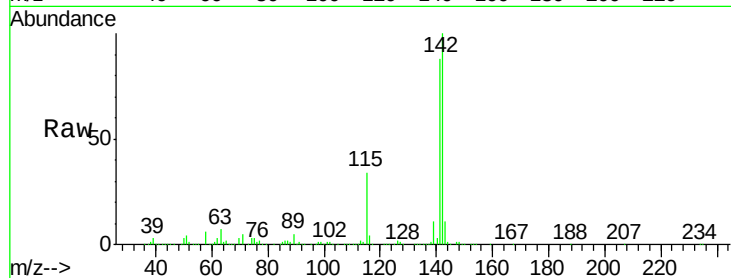
Tgt Ion:142 Resp: 1983352

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 34.0 27.8 41.6



#38

1-Methylnaphthalene

Concen: 51.76 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

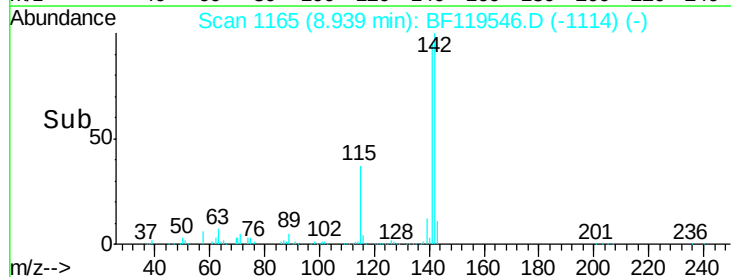
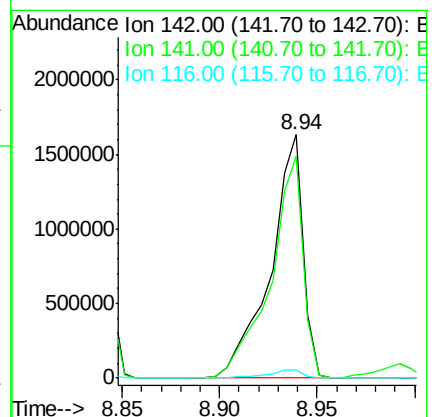
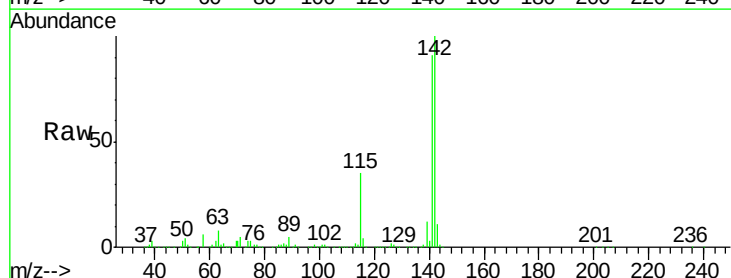
Tgt Ion:142 Resp: 1888589

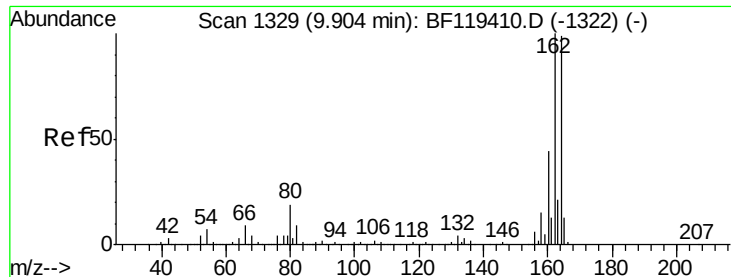
Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7

116 3.5 3.0 4.6

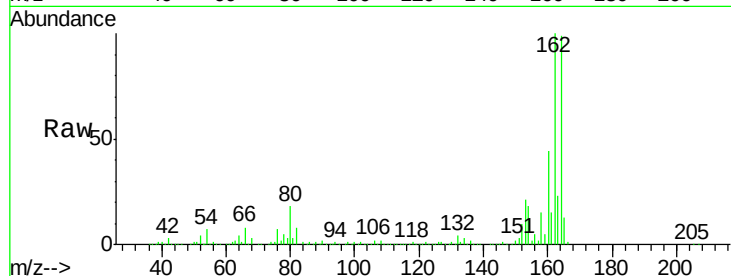




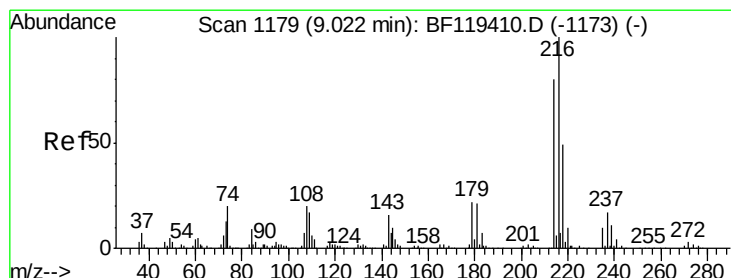
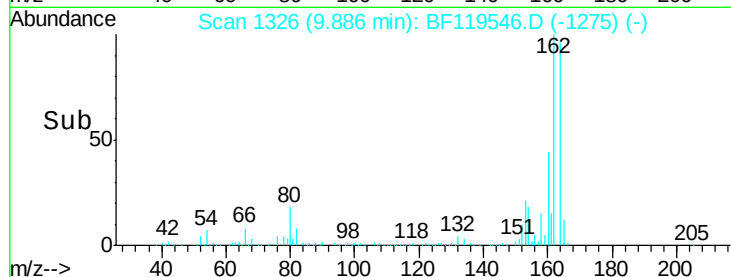
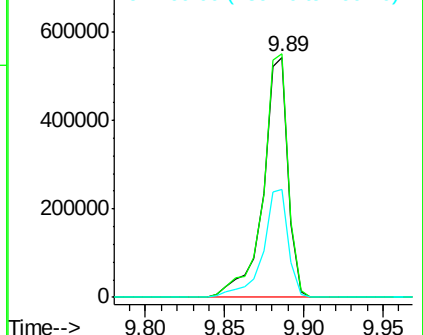
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

Tgt Ion:164 Resp: 598146
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.7 121.1
 160 44.8 35.5 53.3

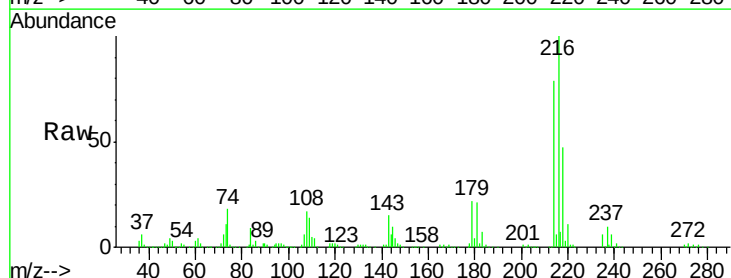


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

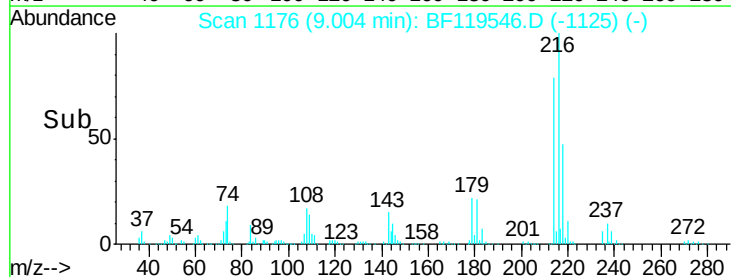
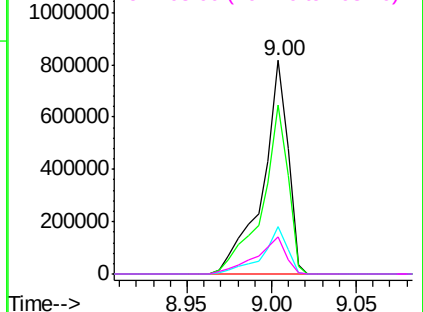


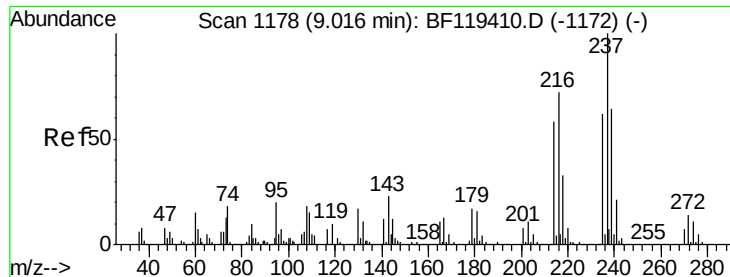
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.47 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:216 Resp: 849716
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.0 94.6
 179 21.4 17.0 25.4
 108 20.3 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.95 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

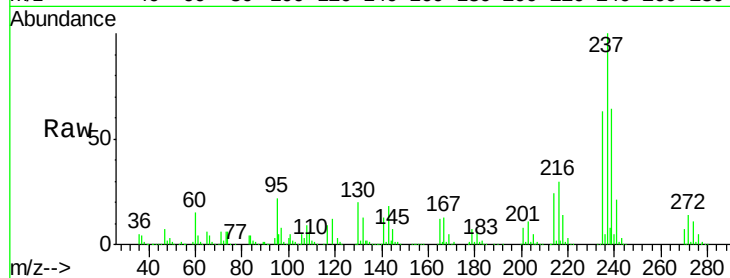
Tgt Ion:237 Resp: 936472

Ion Ratio Lower Upper

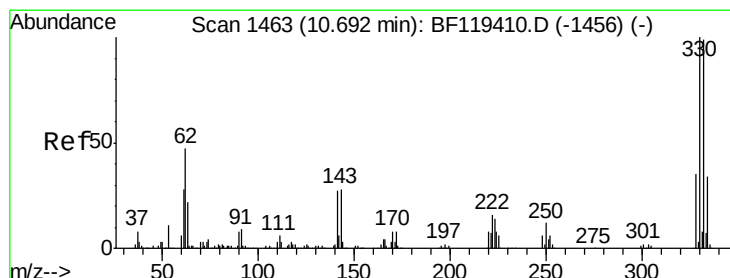
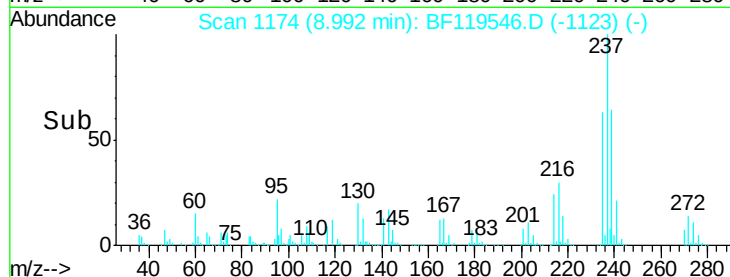
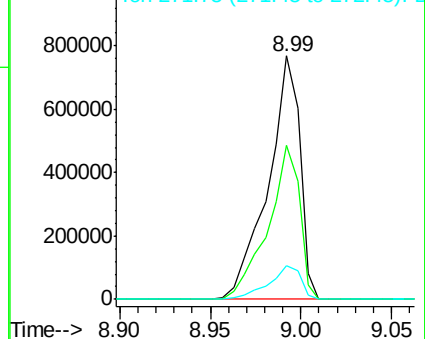
237 100

235 63.4 42.5 82.5

272 14.1 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: 157.31 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

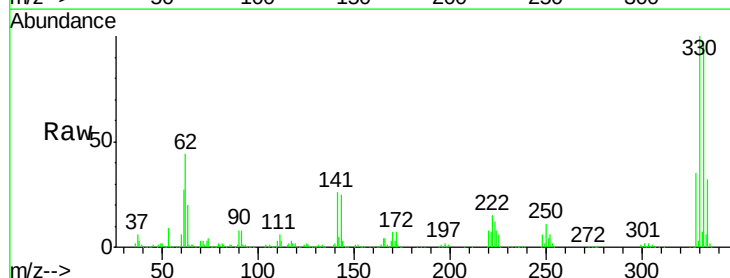
Tgt Ion:330 Resp: 970748

Ion Ratio Lower Upper

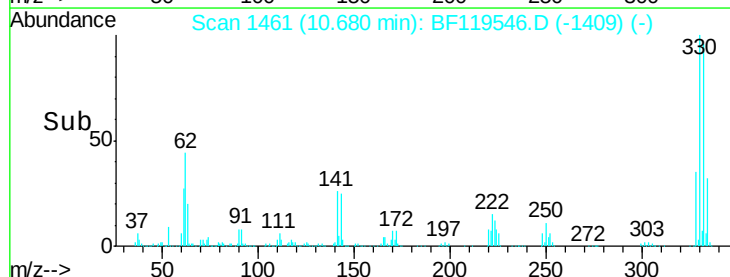
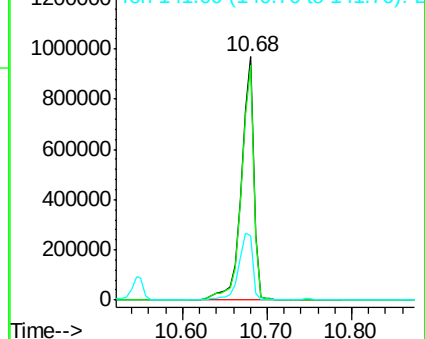
330 100

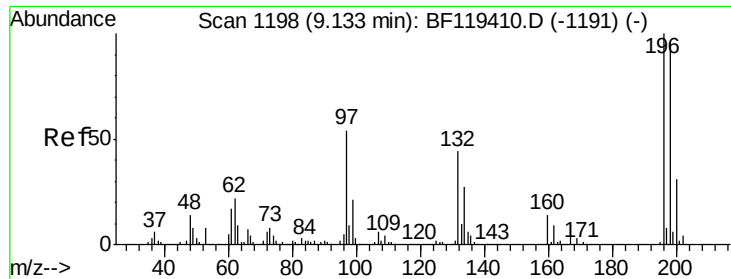
332 96.2 77.6 116.4

141 31.3 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

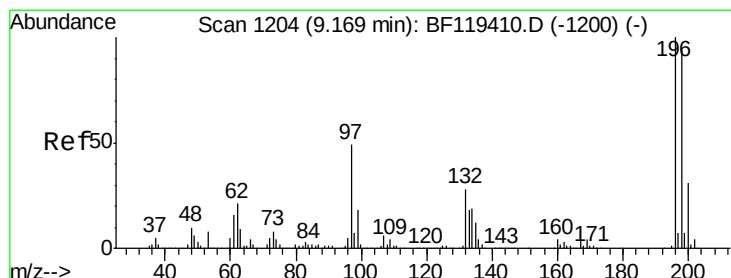
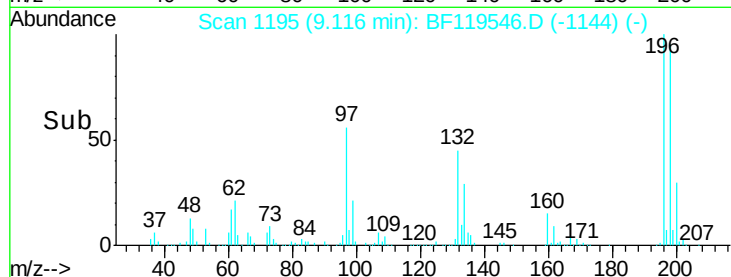
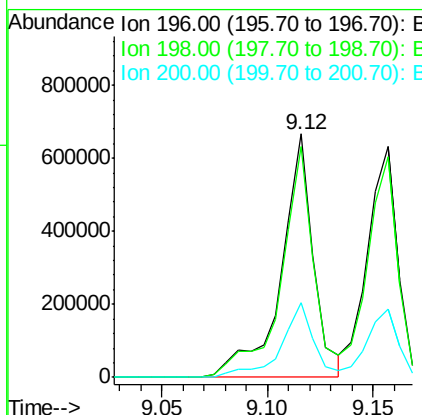
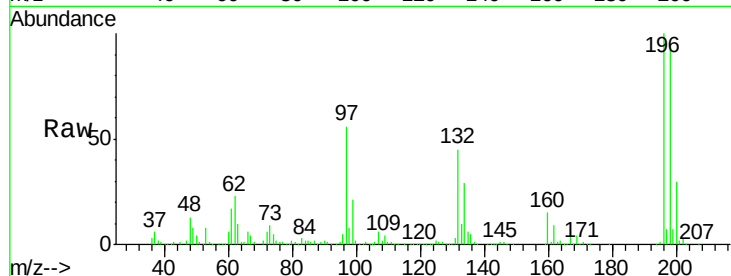




#43
 2,4,6-Trichlorophenol
 Concen: 56.99 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

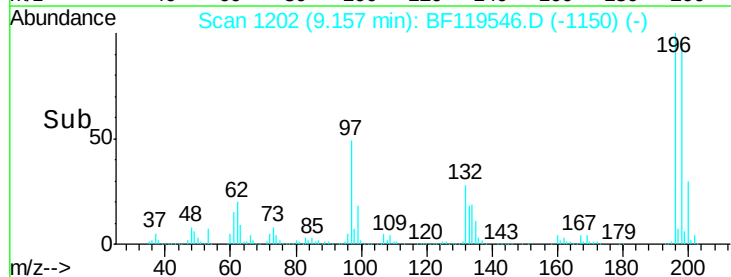
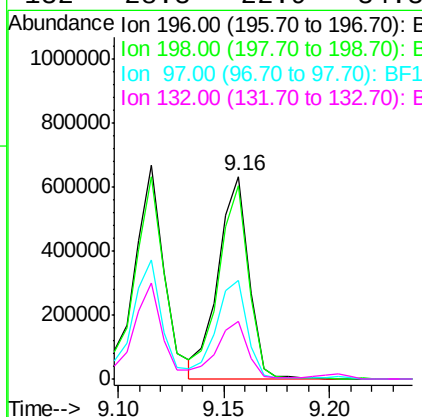
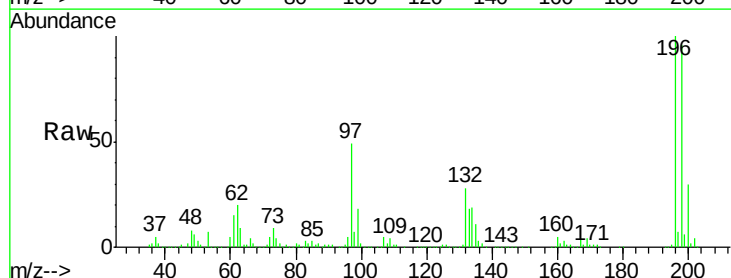
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

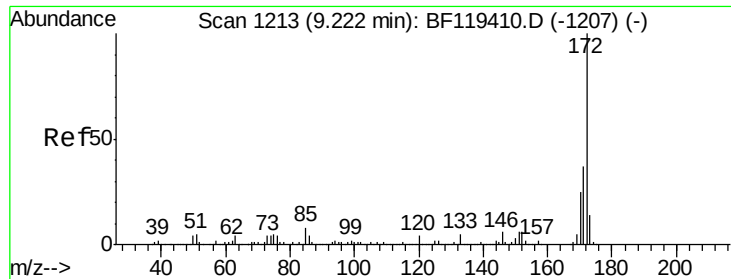
Tgt Ion:196 Resp: 715033
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.4
 200 30.4 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.94 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:196 Resp: 631651
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.3 112.9
 97 48.6 39.0 58.4
 132 28.3 22.9 34.3

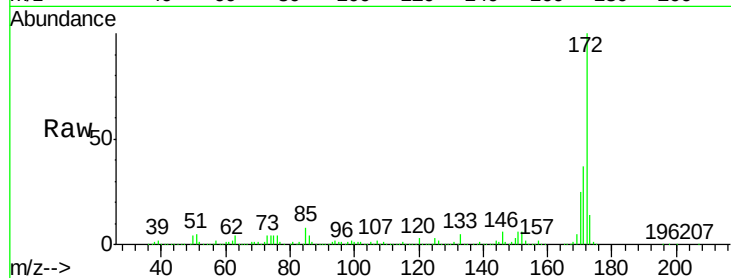




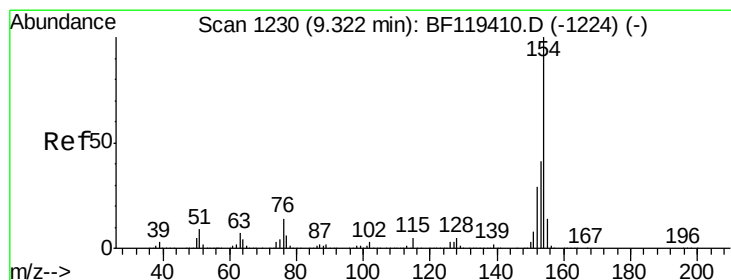
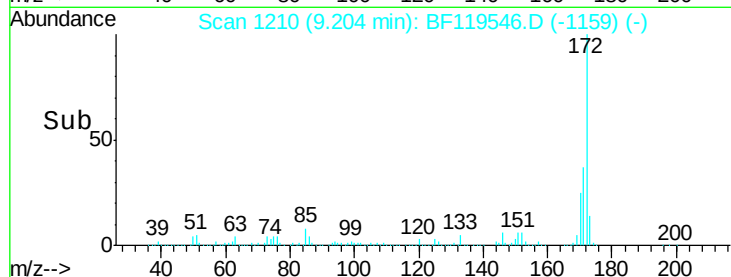
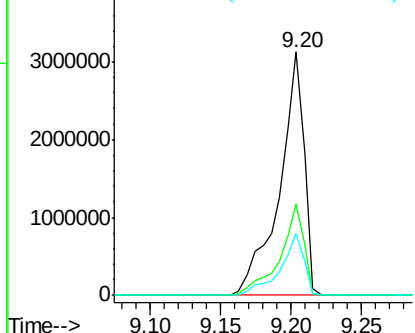
#45
2-Fluorobiphenyl
Concen: 94.39 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Tgt Ion:172 Resp: 3811127
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 25.3 20.1 30.1

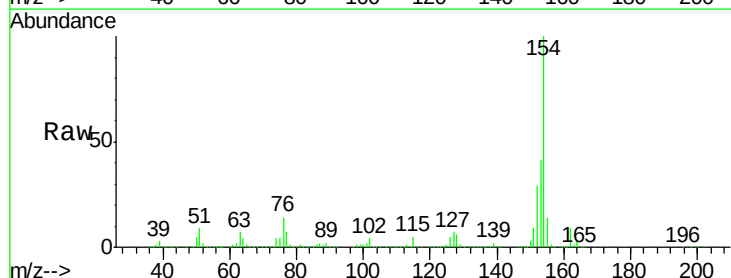


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

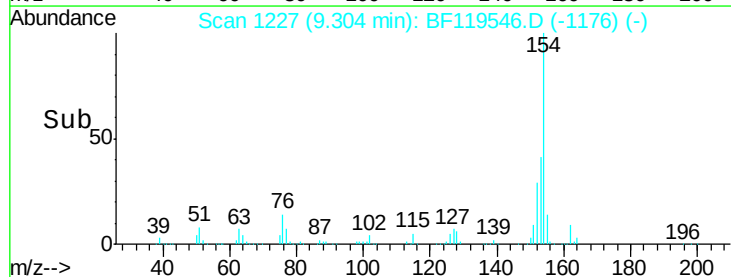
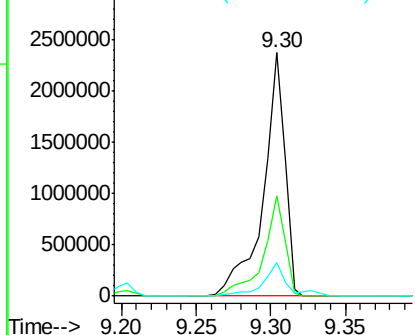


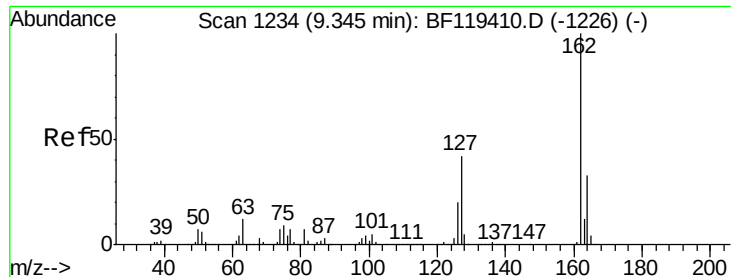
#46
1,1'-Biphenyl
Concen: 48.81 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:154 Resp: 2377848
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.6 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

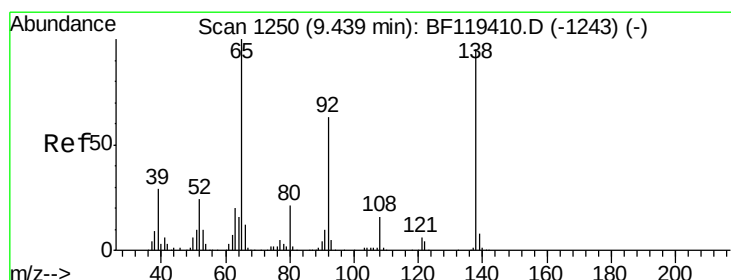
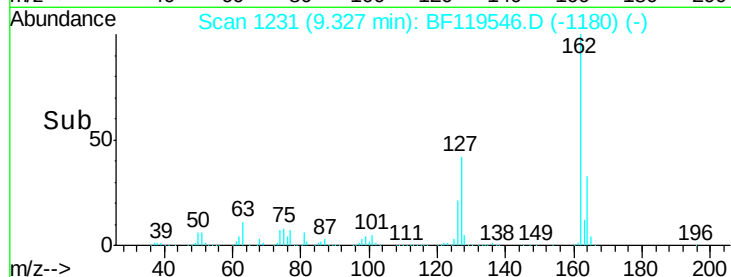
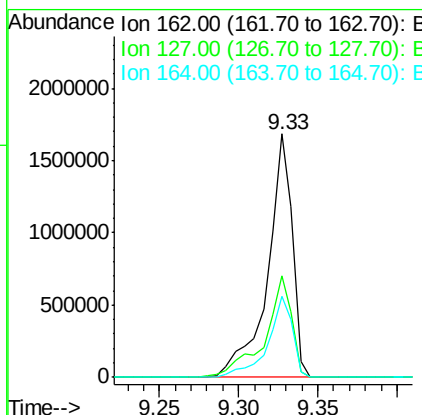
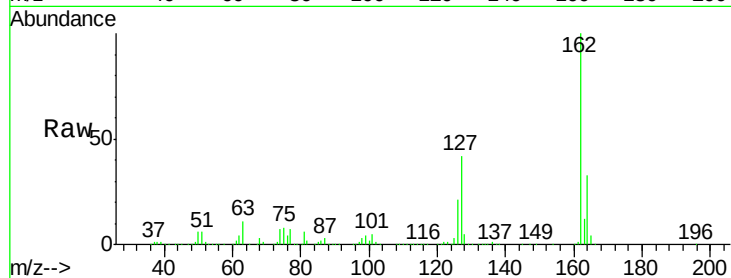




#47
 2-Chloronaphthalene
 Concen: 48.29 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

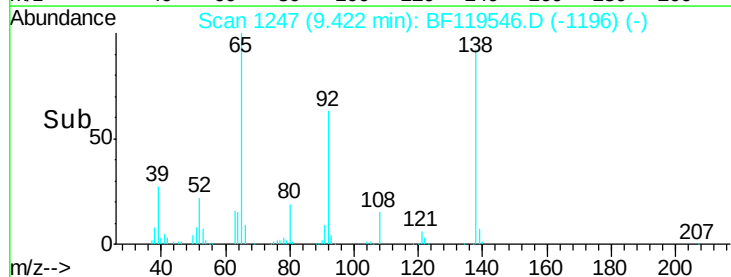
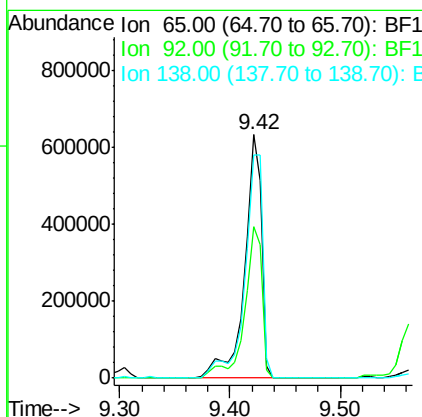
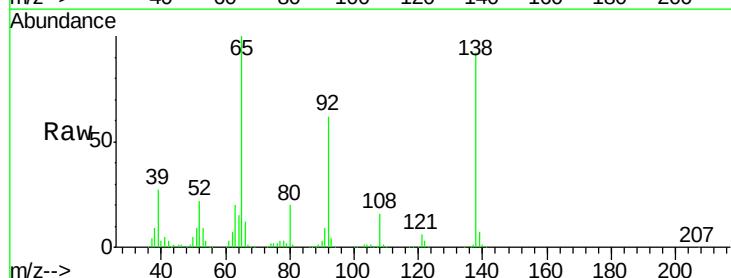
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

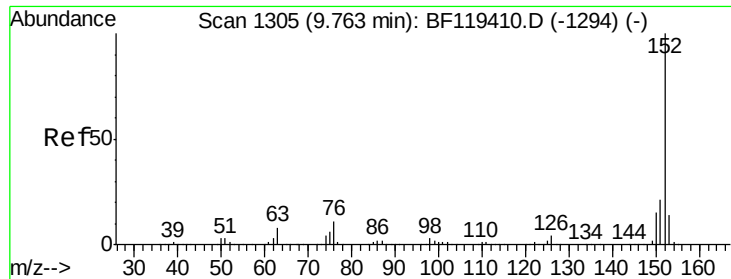
Tgt Ion: 162 Resp: 1842728
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.7 50.5
 164 33.4 26.2 39.4



#48
 2-Nitroaniline
 Concen: 51.73 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion: 65 Resp: 681349
 Ion Ratio Lower Upper
 65 100
 92 62.3 50.5 75.7
 138 91.8 75.8 113.8





#49

Acenaphthylene

Concen: 48.63 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

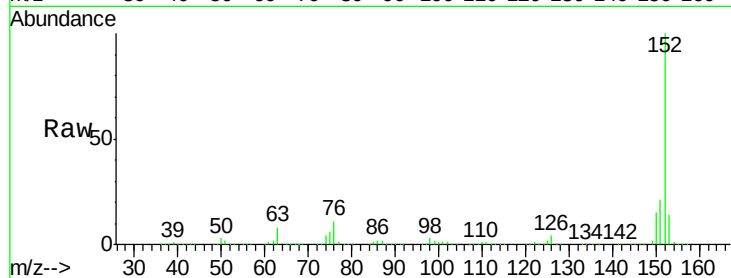
Tgt Ion:152 Resp: 2914400

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

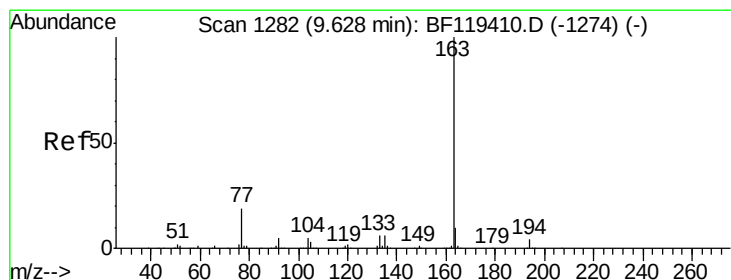
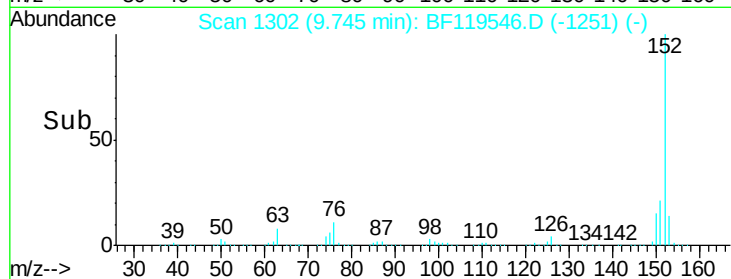
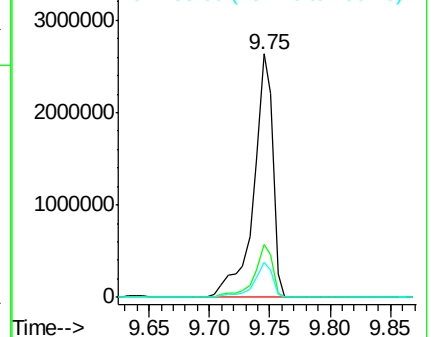
153 14.2 11.2 16.8



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: 46.92 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

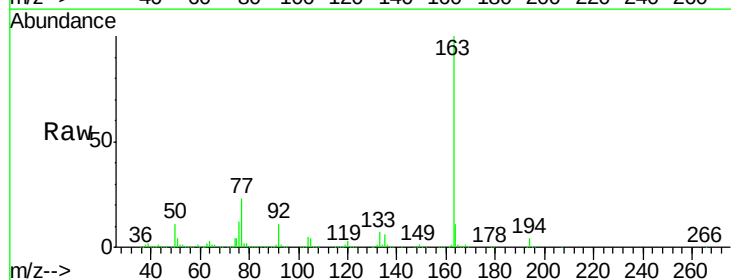
Tgt Ion:163 Resp: 1993670

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

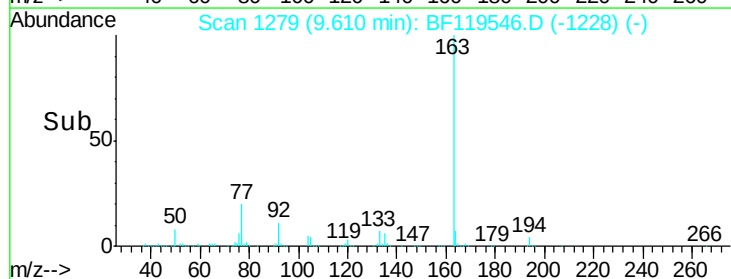
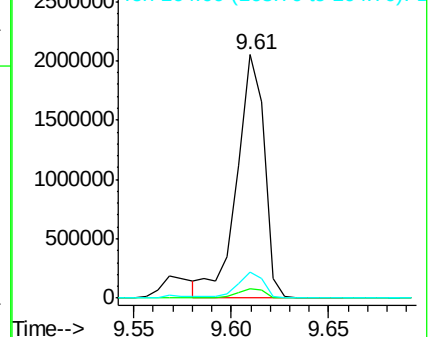
164 10.9 8.1 12.1

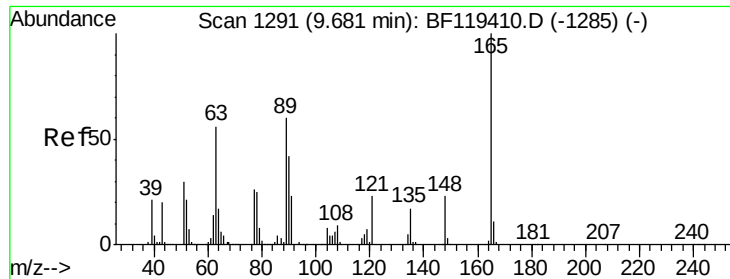


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

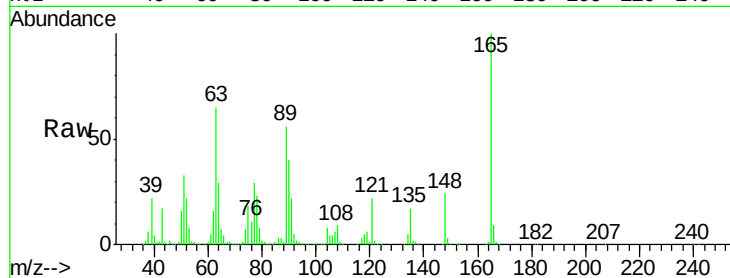




#51
 2,6-Dinitrotoluene
 Concen: 51.48 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

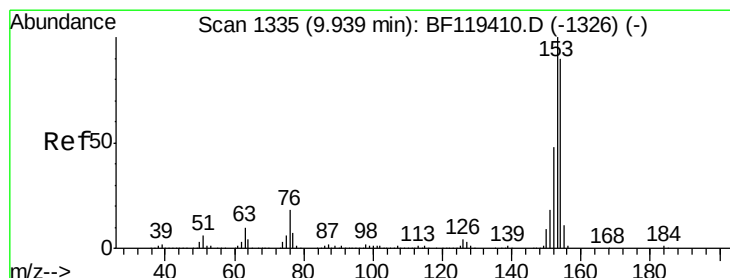
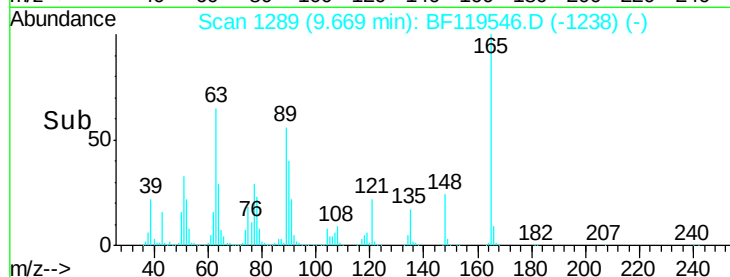
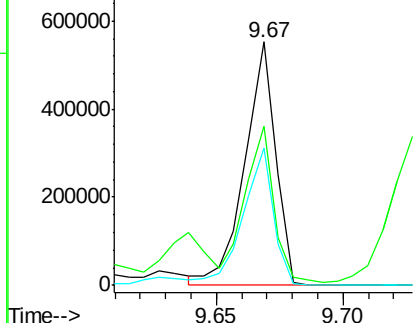
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.5	57.3	85.9
89	56.2	47.8	71.8



Abundance Ion 165.00 (164.70 to 165.70): E

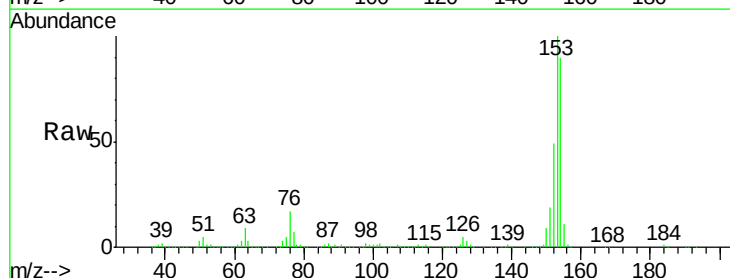
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 48.60 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

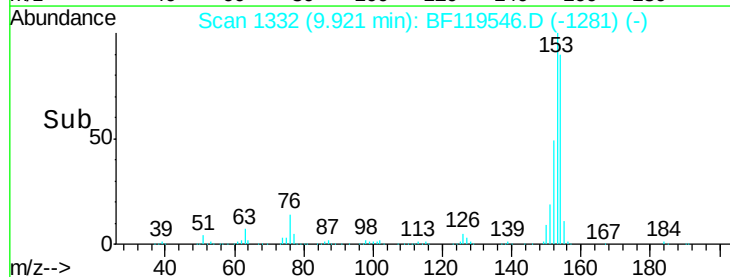
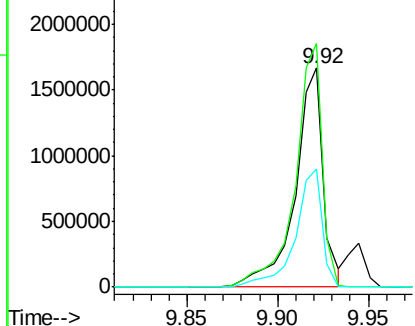
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.0	133.6
152	54.1	43.1	64.7

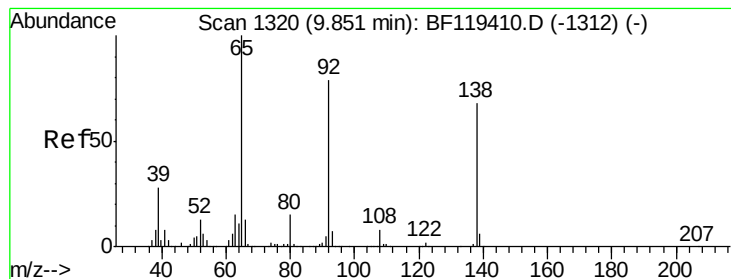


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.85 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

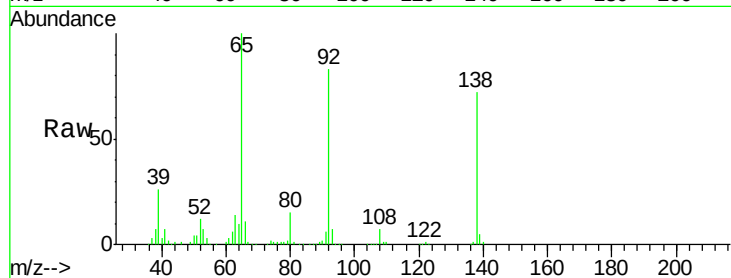
Tgt Ion:138 Resp: 159242

Ion Ratio Lower Upper

138 100

108 10.4 9.0 13.6

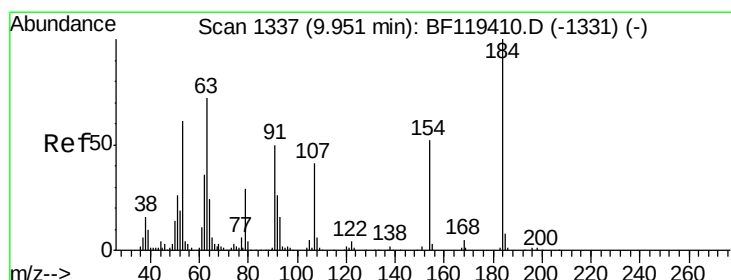
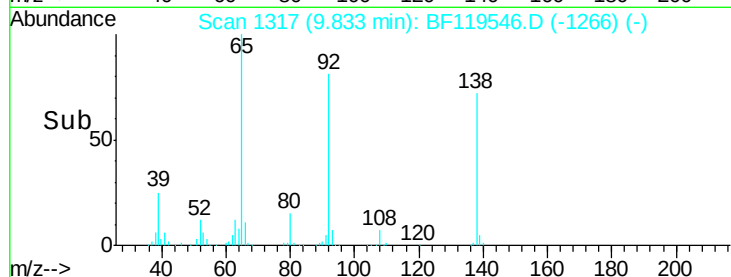
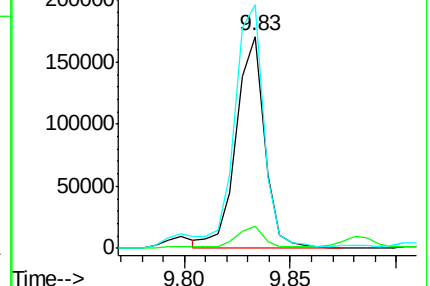
92 114.8 93.2 139.8



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: 130.34 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

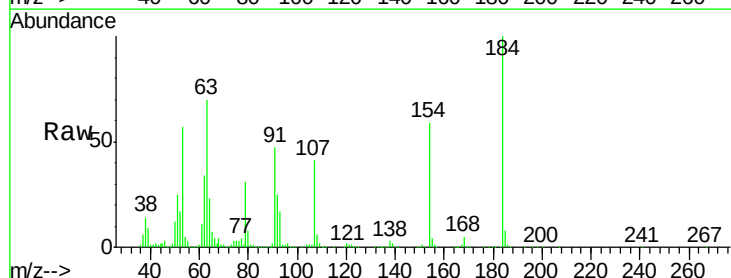
Tgt Ion:184 Resp: 533459

Ion Ratio Lower Upper

184 100

63 70.3 58.5 87.7

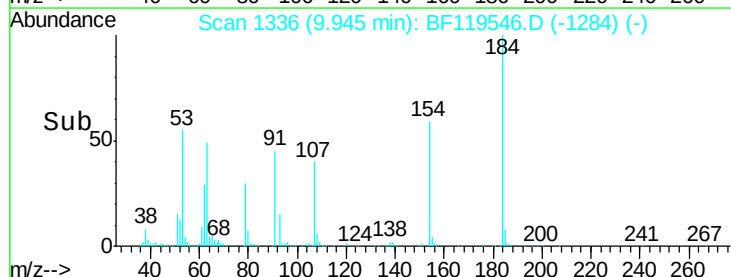
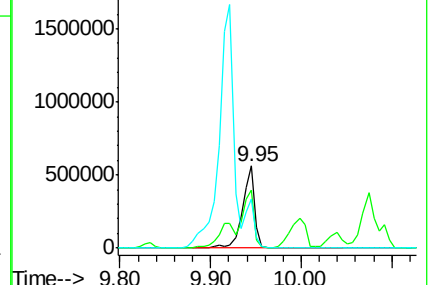
154 59.4 51.8 77.6

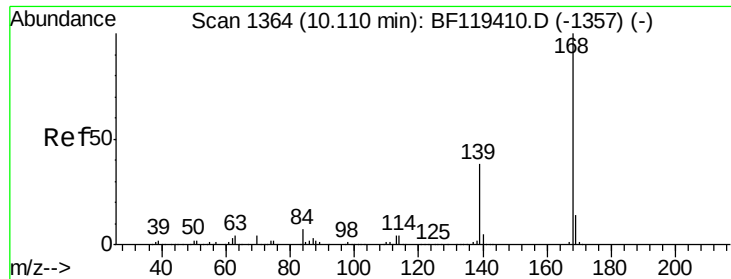


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

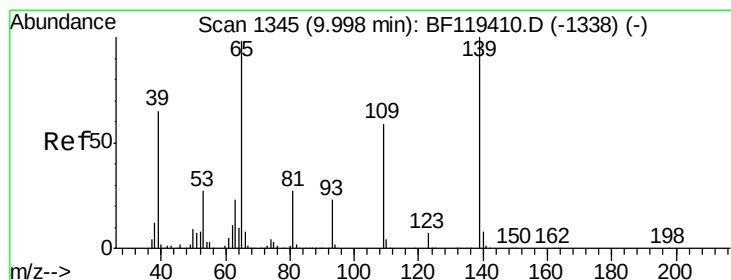
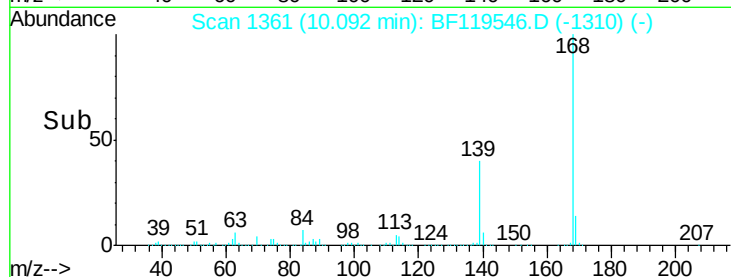
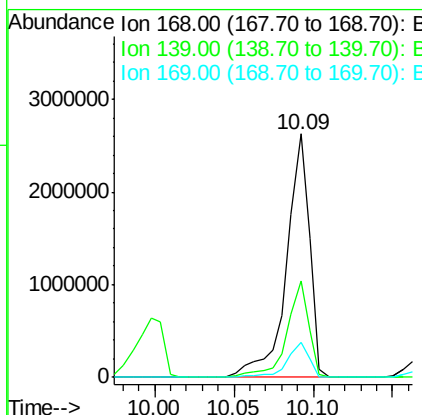
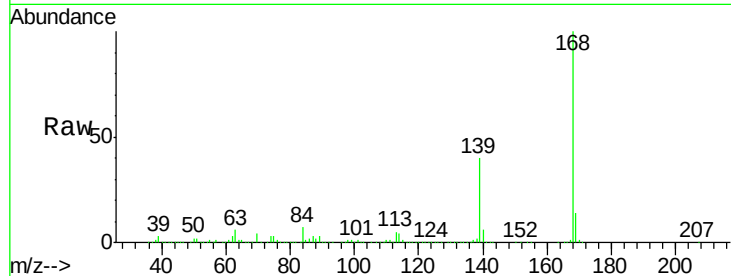




#55
Dibenzofuran
Concen: 49.24 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

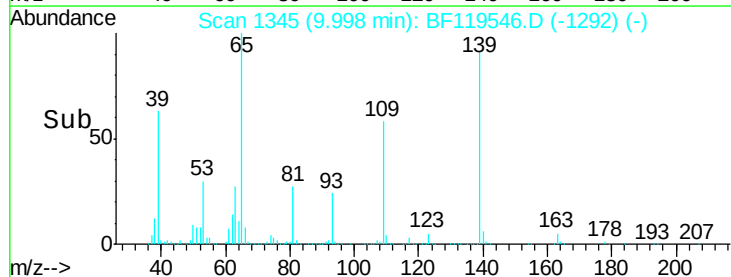
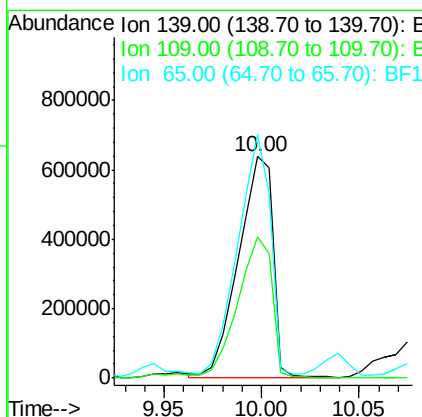
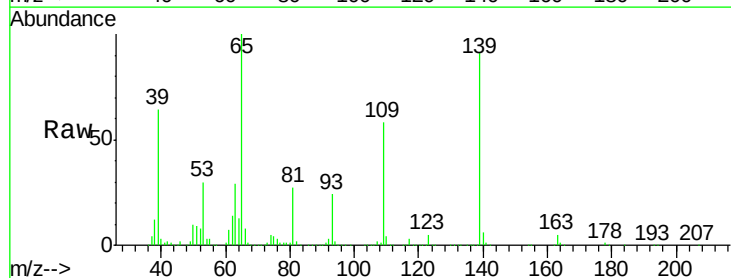
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

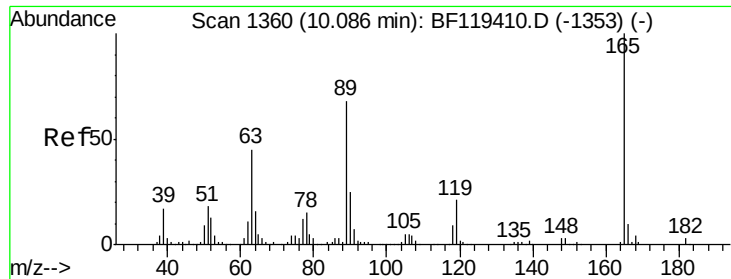
Tgt Ion:168 Resp: 2637348
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.4
169 14.4 11.1 16.7



#56
4-Nitrophenol
Concen: 85.24 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:139 Resp: 773114
Ion Ratio Lower Upper
139 100
109 63.6 39.6 79.6
65 109.9 78.3 118.3

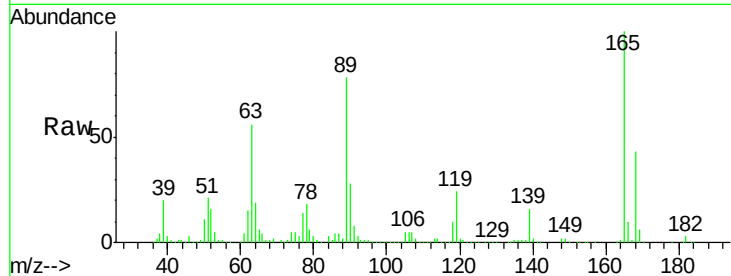




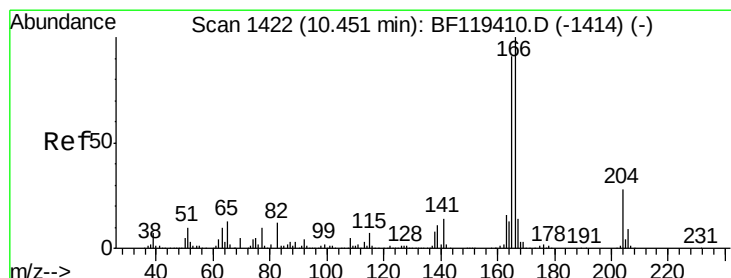
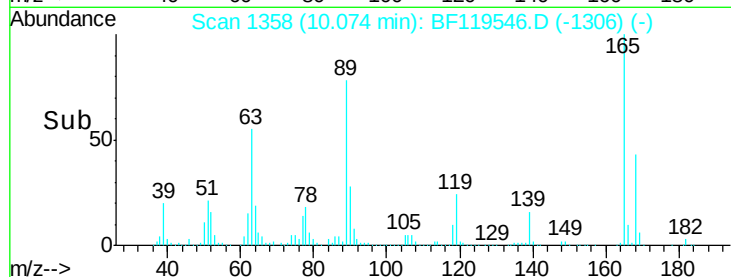
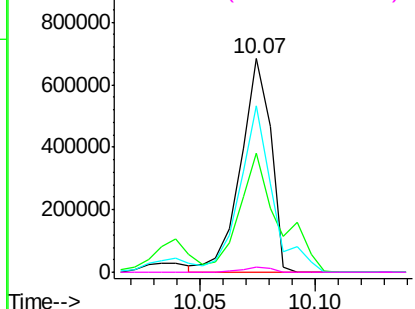
#57
2,4-Dinitrotoluene
Concen: 54.49 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Tgt Ion:165 Resp: 625068
Ion Ratio Lower Upper
165 100
63 55.5 36.2 54.4#
89 78.1 54.3 81.5
182 2.6 2.0 3.0

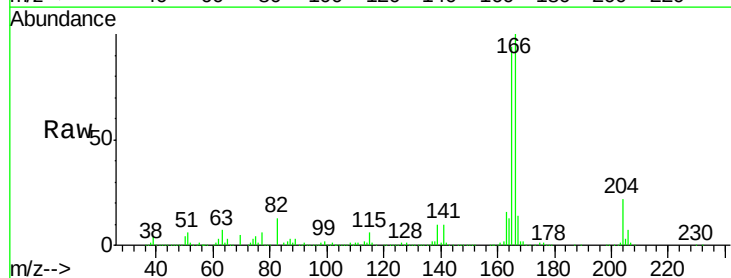


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

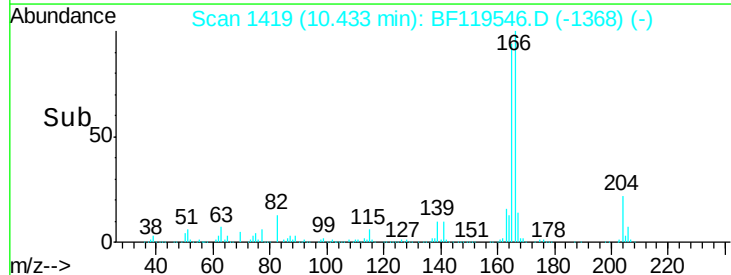
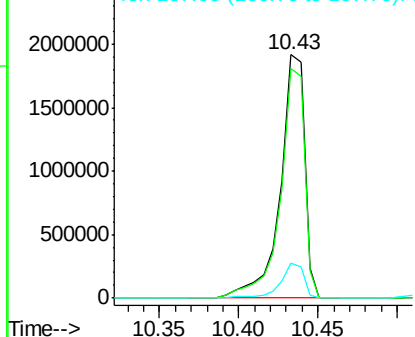


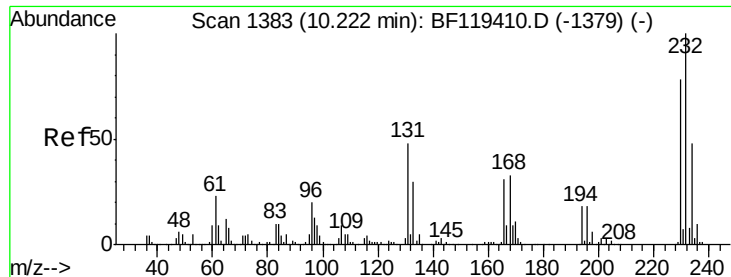
#58
Fluorene
Concen: 51.80 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:166 Resp: 2051596
Ion Ratio Lower Upper
166 100
165 94.0 73.1 109.7
167 14.5 11.0 16.6



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

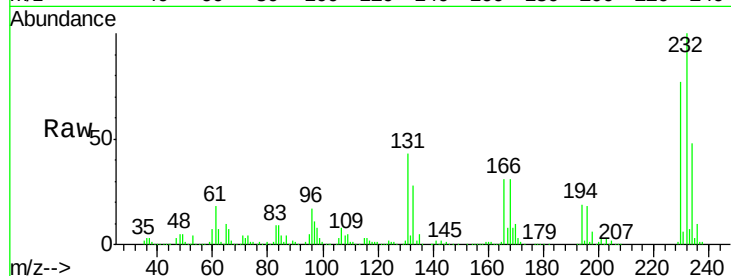




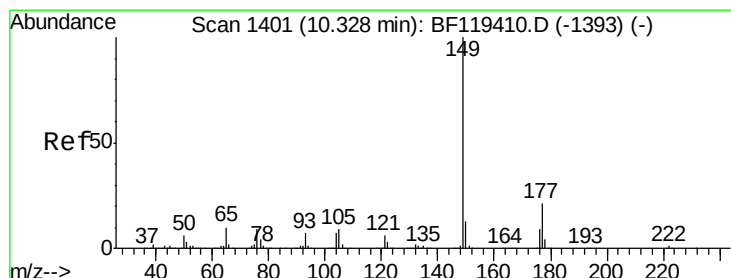
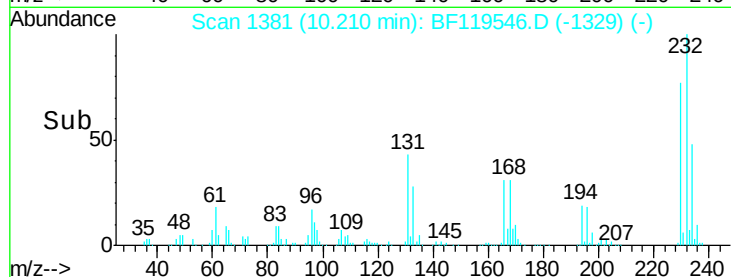
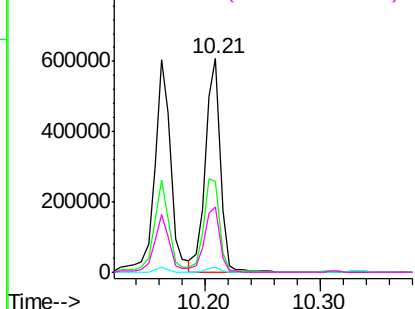
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.53 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

Tgt Ion: 232 Resp: 551907
 Ion Ratio Lower Upper
 232 100
 131 47.3 36.3 54.5
 130 2.3 1.8 2.6
 166 31.2 24.9 37.3

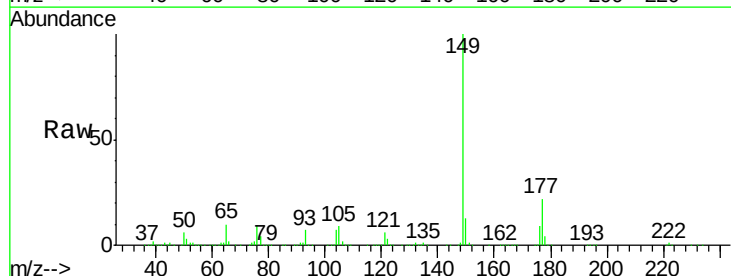


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

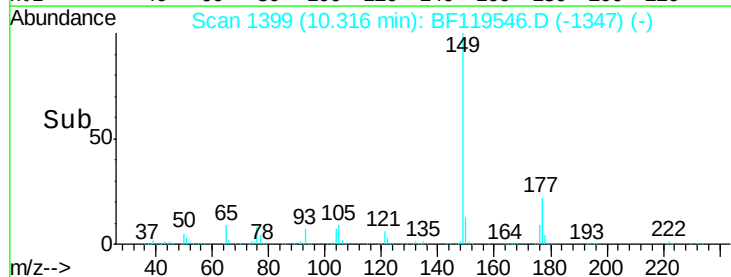
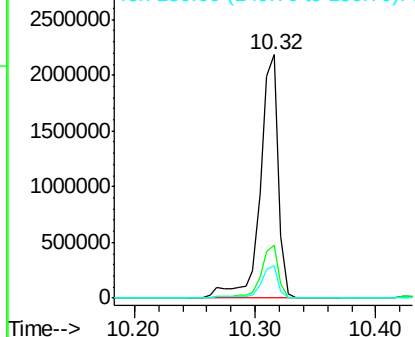


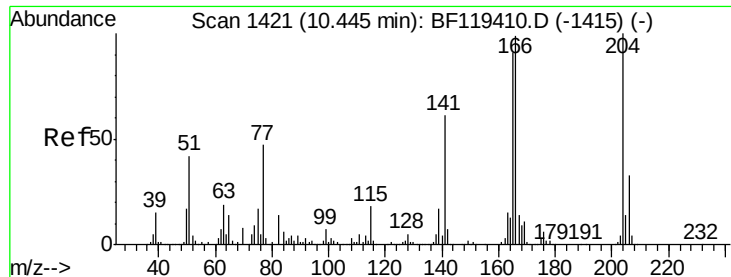
#60
 Diethylphthalate
 Concen: 52.68 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion: 149 Resp: 2271816
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.0 25.6
 150 13.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

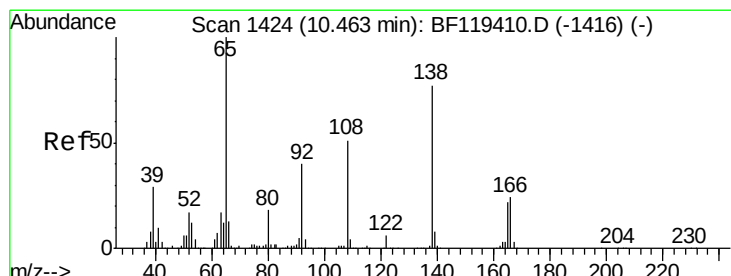
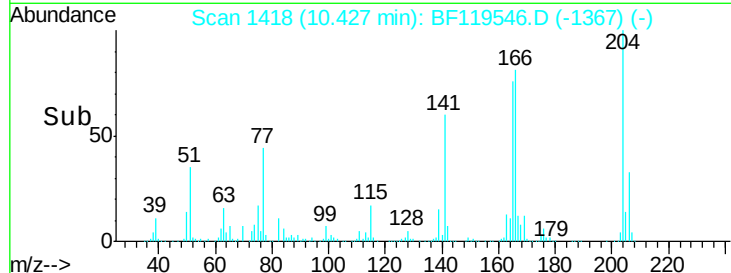
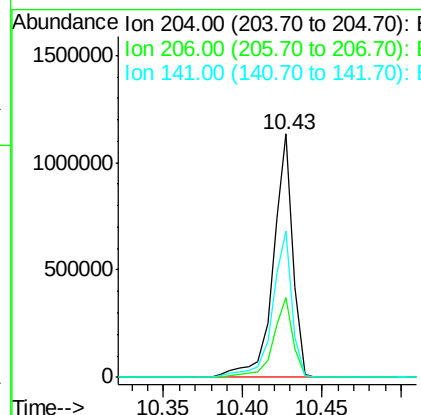
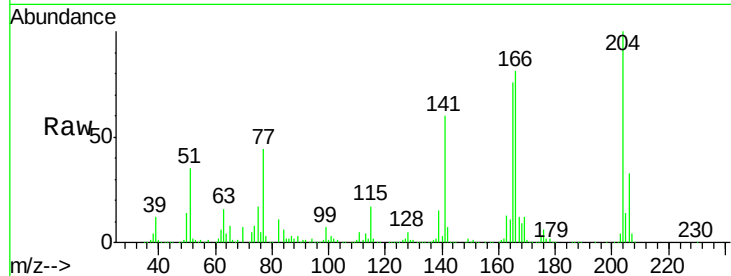




#61
 4-Chlorophenyl-phenylether
 Concen: 50.58 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

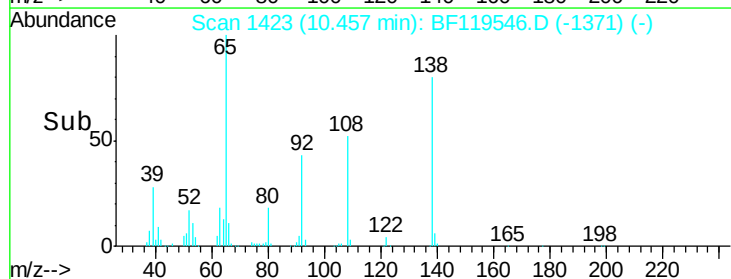
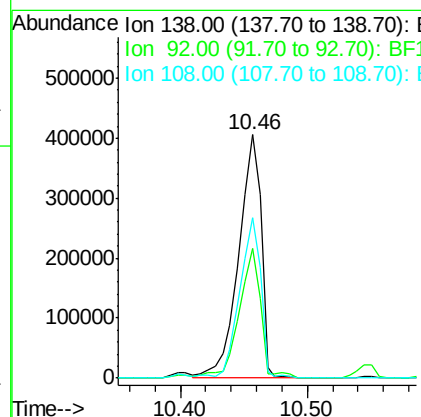
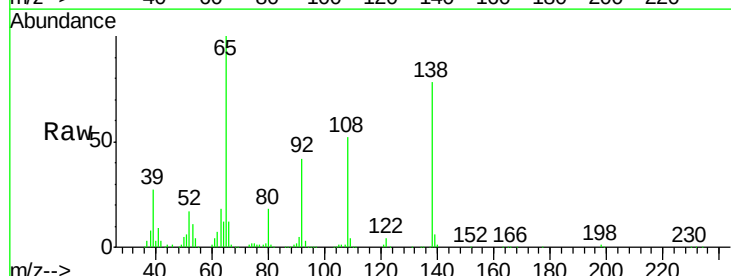
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

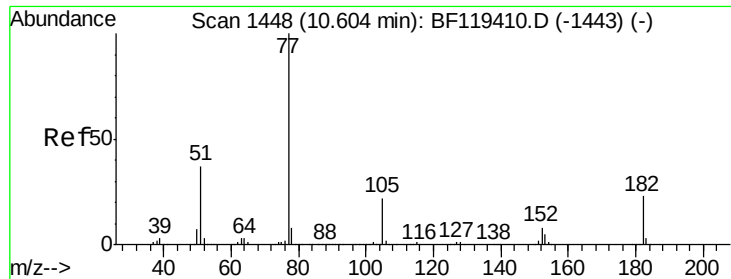
Tgt Ion:	204	Resp:	979641
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	60.1	48.8	73.2



#62
 4-Nitroaniline
 Concen: 44.41 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:	138	Resp:	489597
Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.0	72.0
108	66.0	46.0	86.0

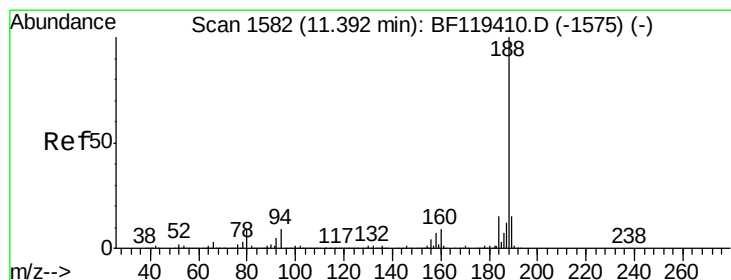
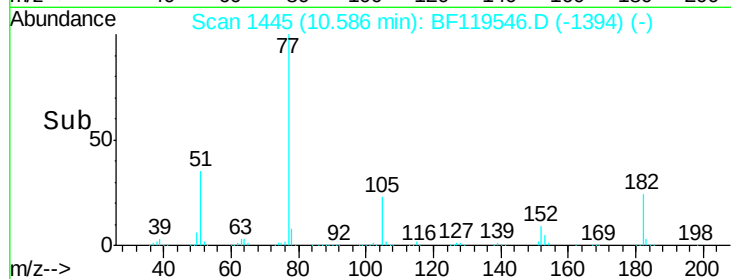
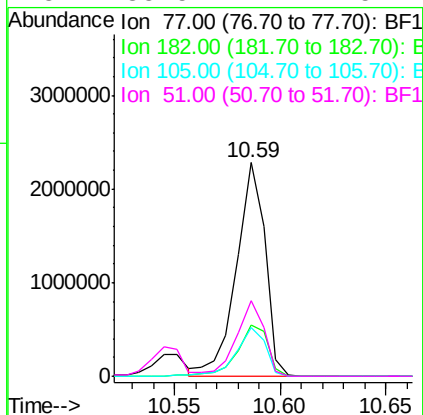
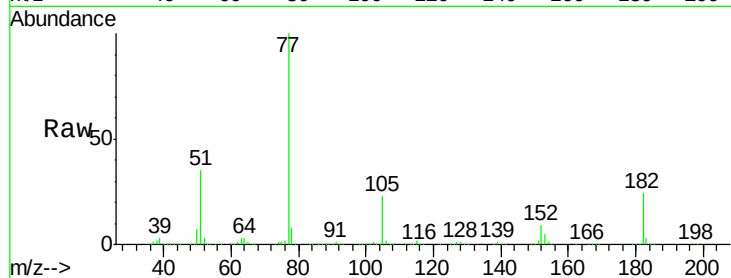




#63
Azobenzene
Concen: 49.38 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

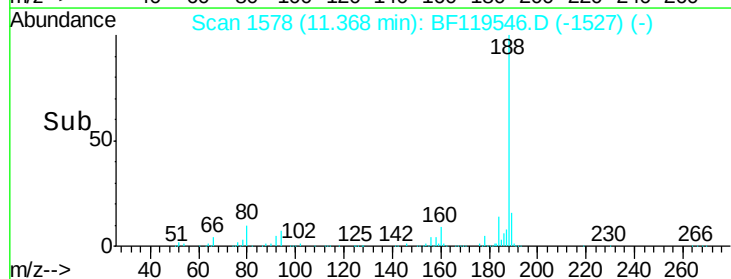
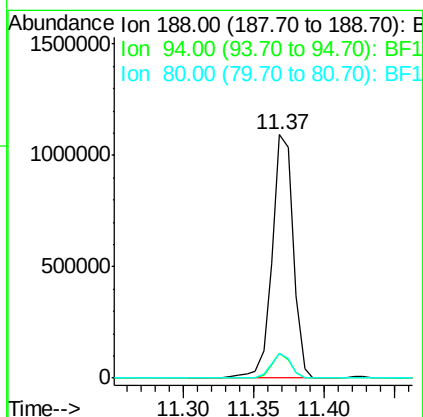
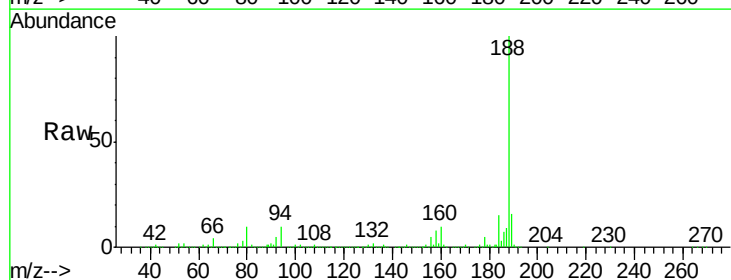
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

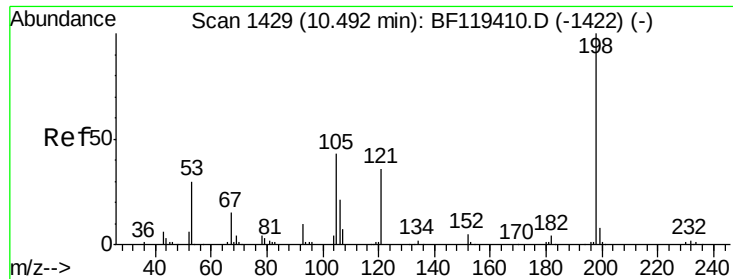
Tgt Ion: 77 Resp: 2144097
Ion Ratio Lower Upper
77 100
182 24.3 2.5 42.5
105 22.9 2.5 42.5
51 35.5 17.1 57.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion: 188 Resp: 1151704
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 10.4 7.5 11.3

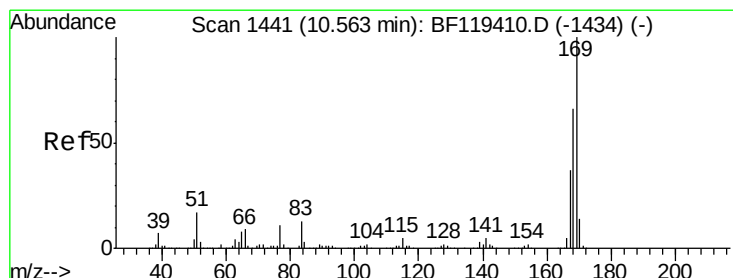
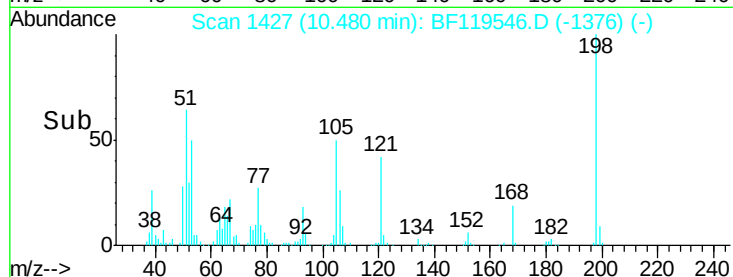
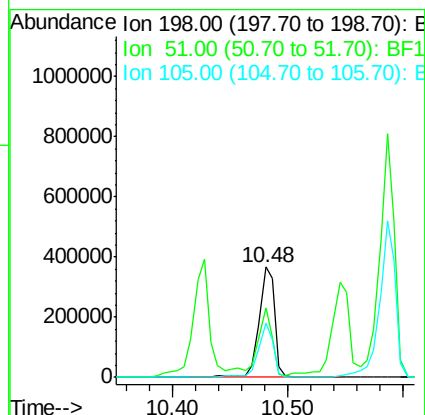
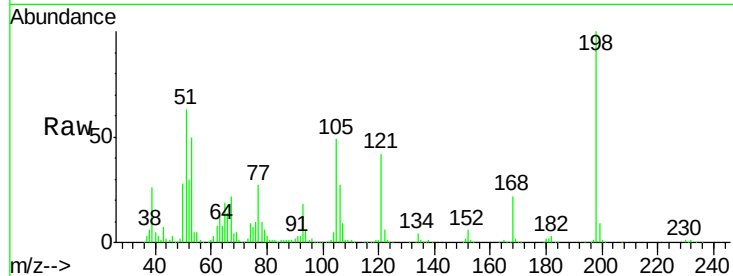




#65
4,6-Dinitro-2-methylphenol
Concen: 71.80 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

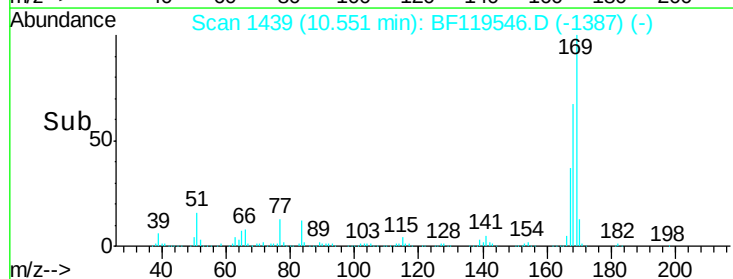
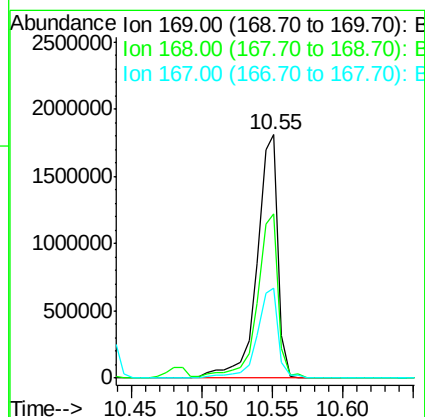
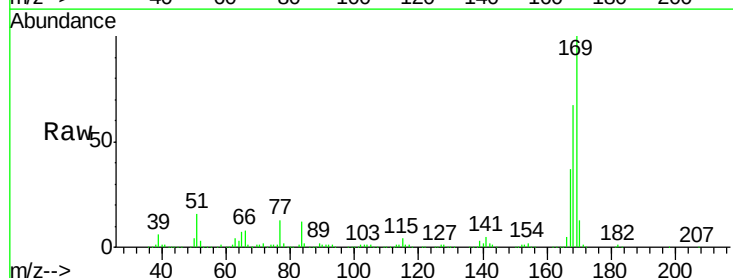
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

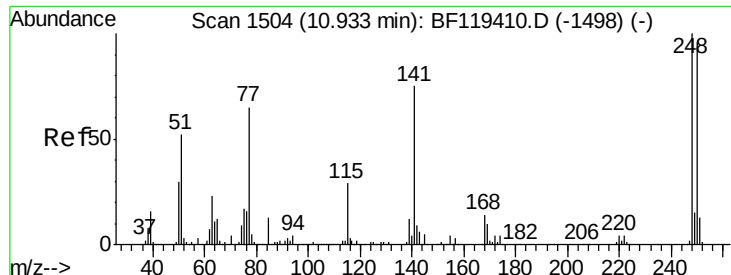
Tgt Ion:198 Resp: 346765
Ion Ratio Lower Upper
198 100
51 63.5 33.1 73.1
105 49.4 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 49.98 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:169 Resp: 1889540
Ion Ratio Lower Upper
169 100
168 67.4 52.7 79.1
167 37.0 29.3 43.9

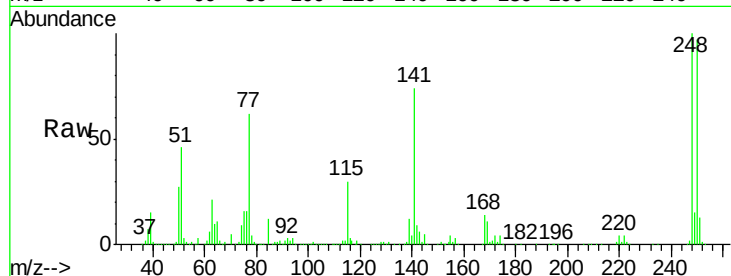




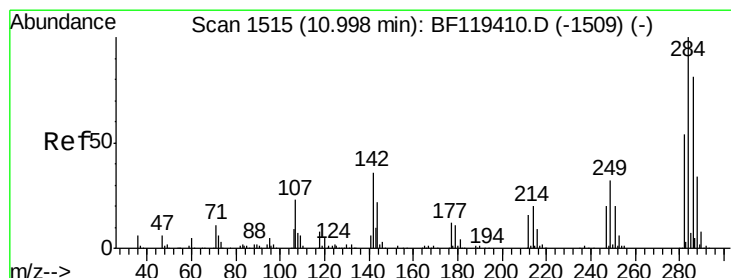
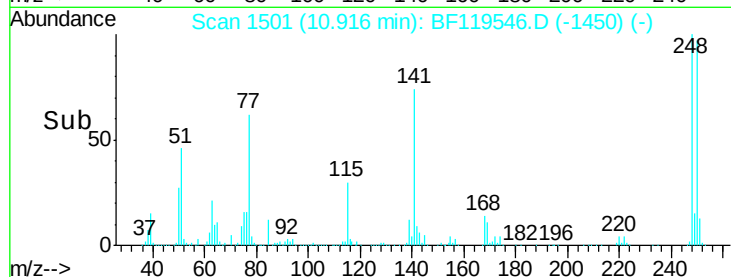
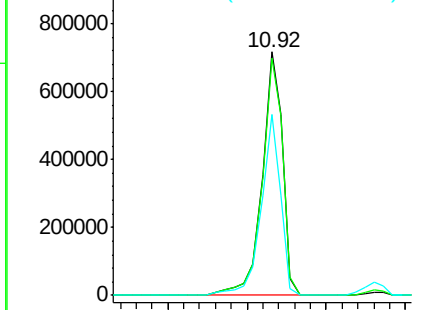
#67
 4-Bromophenyl-phenylether
 Concen: 49.56 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

Tgt Ion:248 Resp: 650065
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.0 115.6
 141 74.2 59.7 89.5

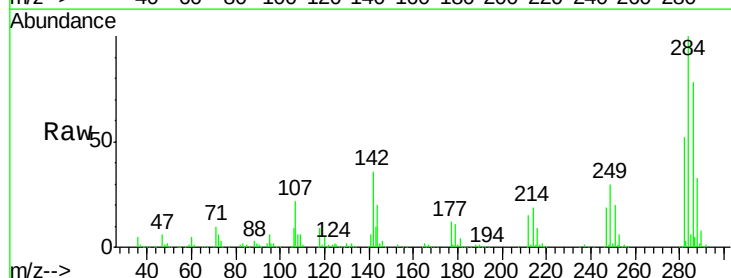


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

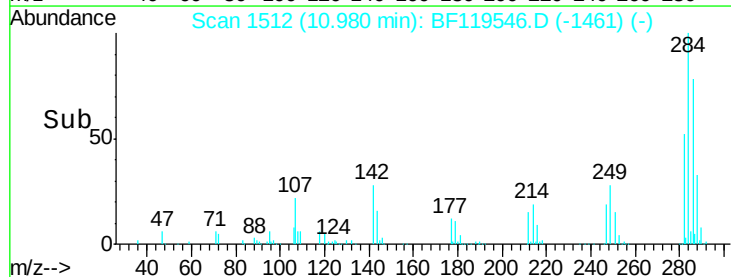
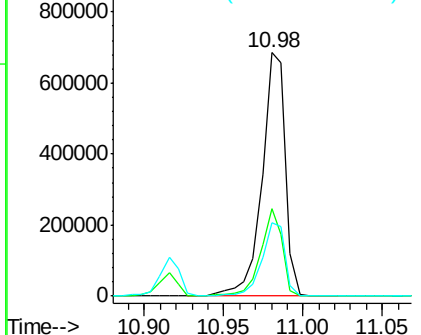


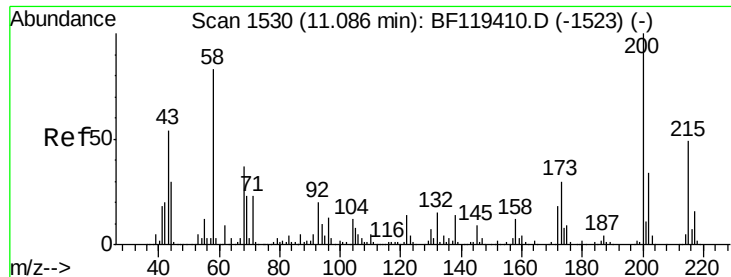
#68
 Hexachlorobenzene
 Concen: 52.78 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:284 Resp: 708585
 Ion Ratio Lower Upper
 284 100
 142 35.7 28.7 43.1
 249 30.1 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.82 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

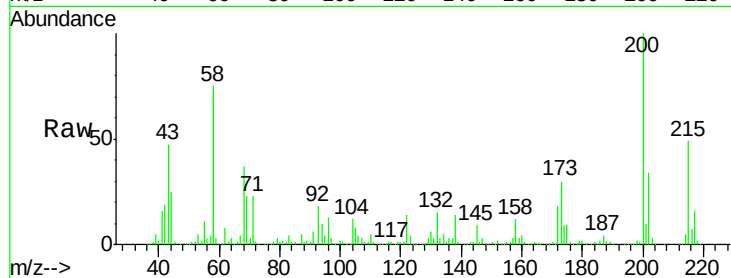
Tgt Ion:200 Resp: 588966

Ion Ratio Lower Upper

200 100

173 29.9 9.9 49.9

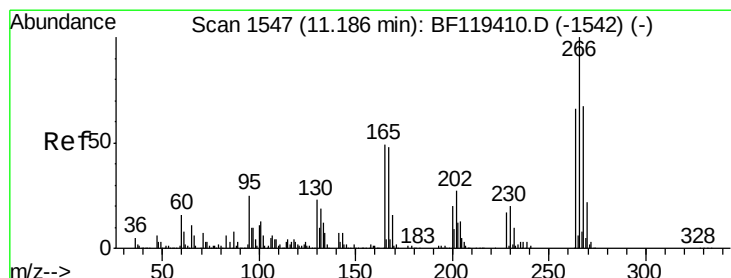
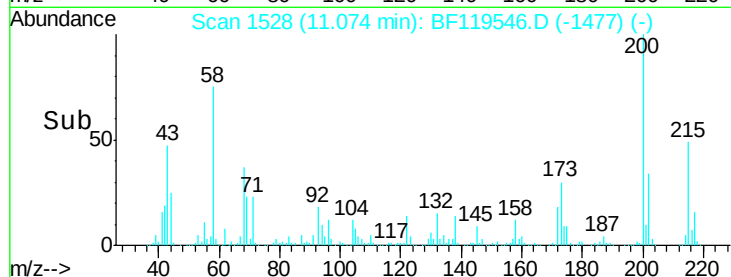
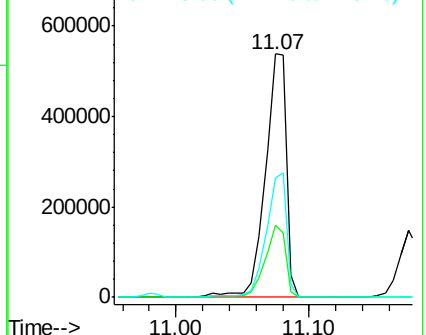
215 49.0 29.4 69.4



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: 103.29 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

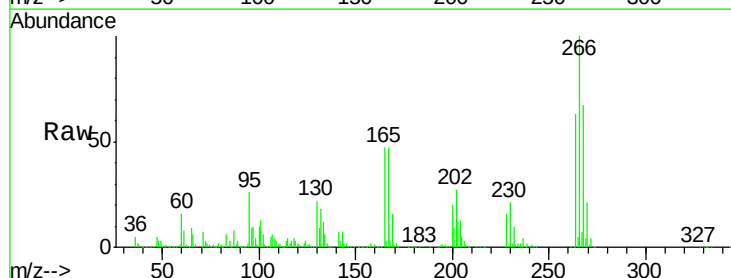
Tgt Ion:266 Resp: 813059

Ion Ratio Lower Upper

266 100

268 66.7 53.7 80.5

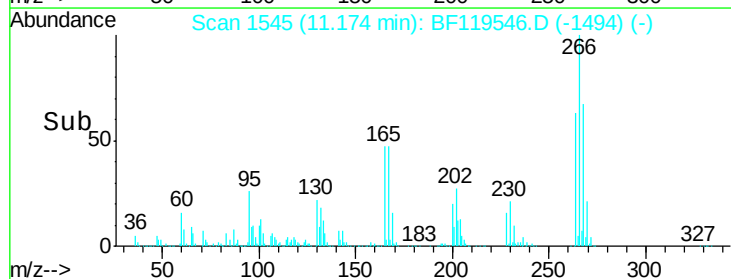
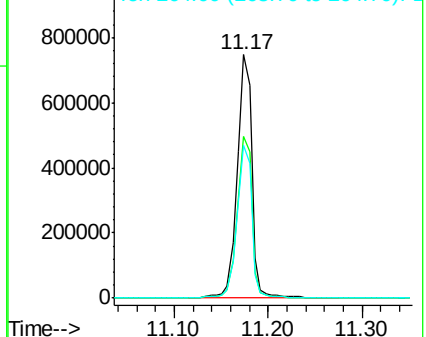
264 62.6 52.5 78.7

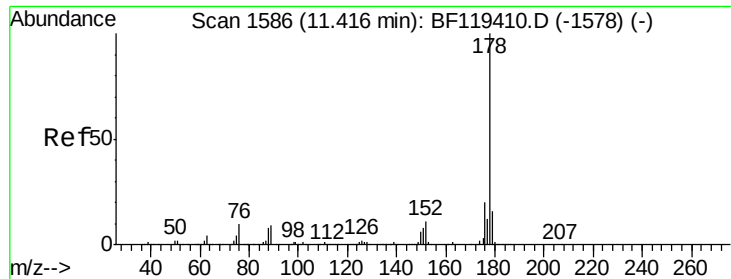


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.51 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

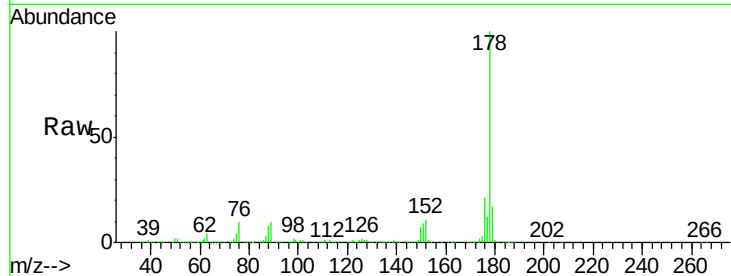
Tgt Ion:178 Resp: 2956573

Ion Ratio Lower Upper

178 100

176 21.4 16.2 24.4

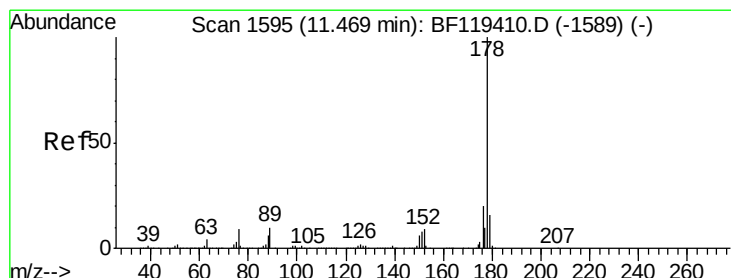
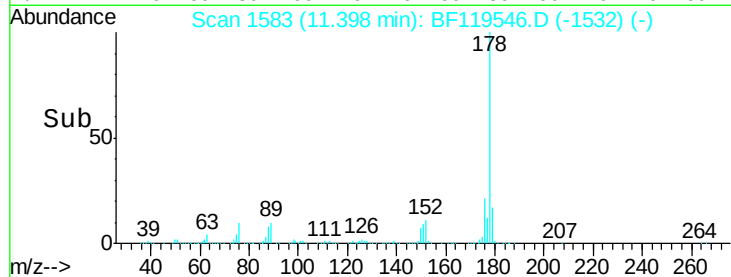
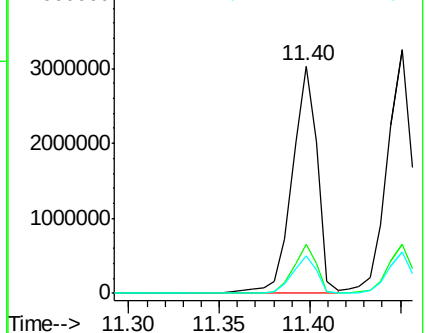
179 16.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.35 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

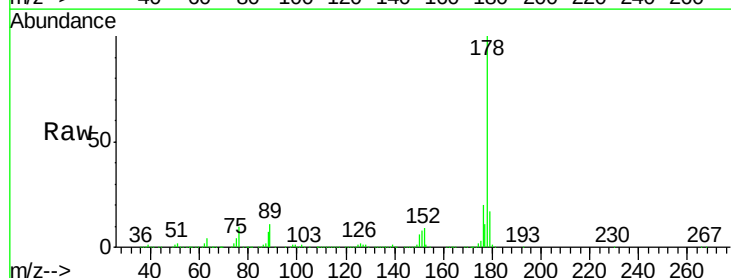
Tgt Ion:178 Resp: 2995272

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

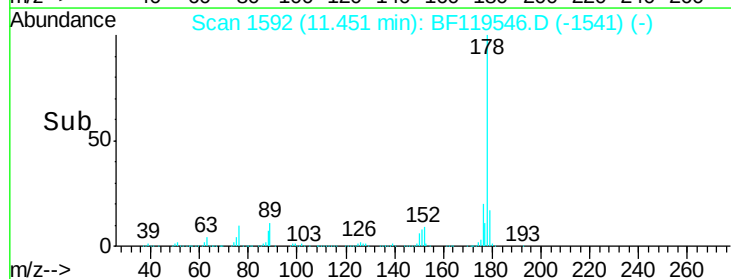
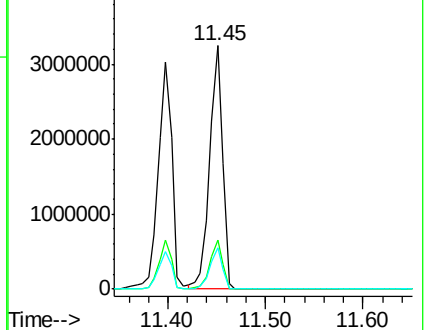
179 16.9 13.1 19.7

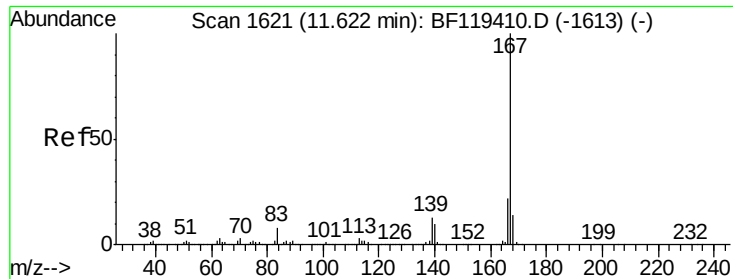


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

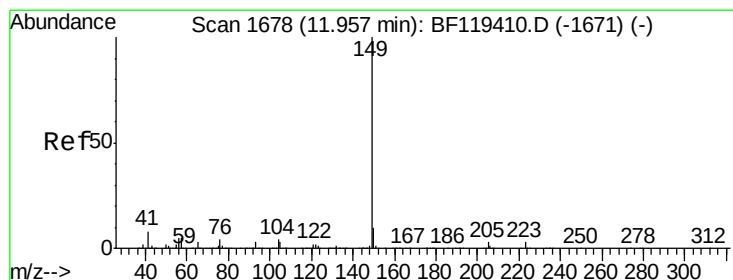
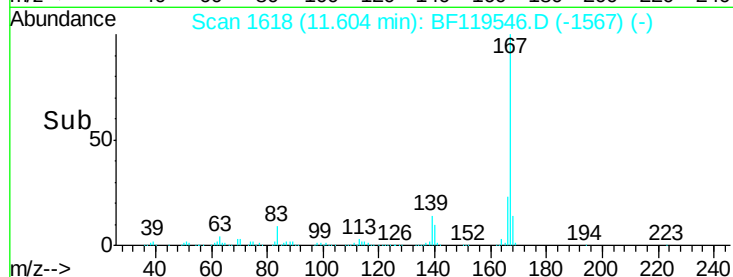
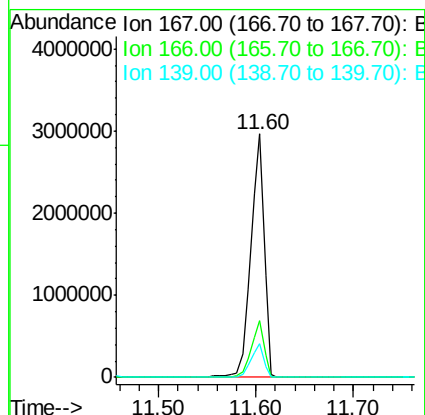
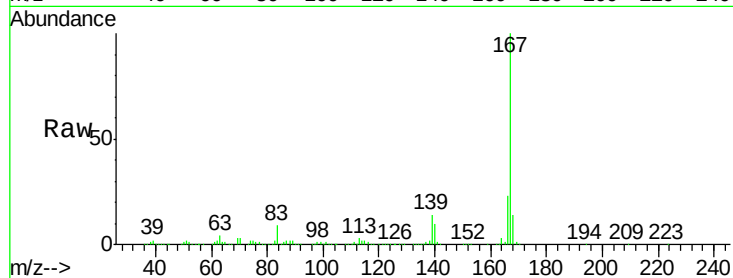




#73
 Carbazole
 Concen: 47.21 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

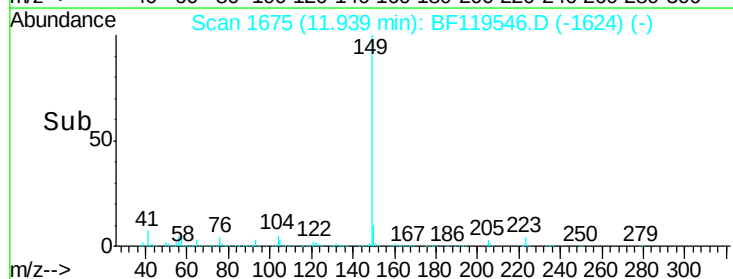
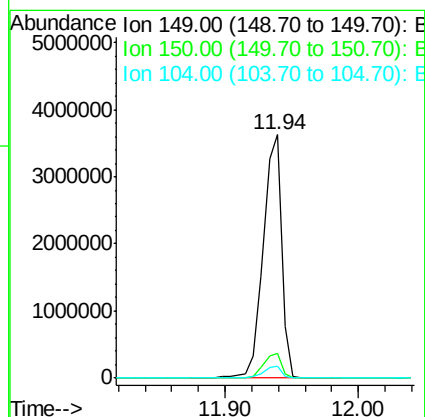
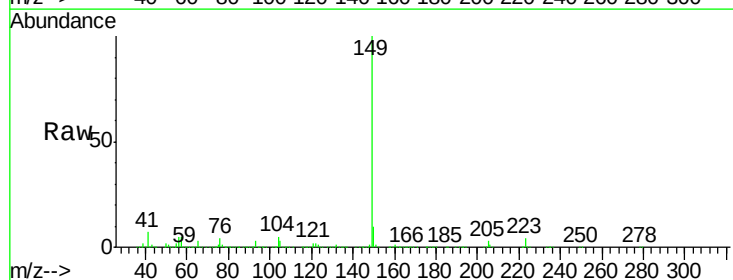
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MS

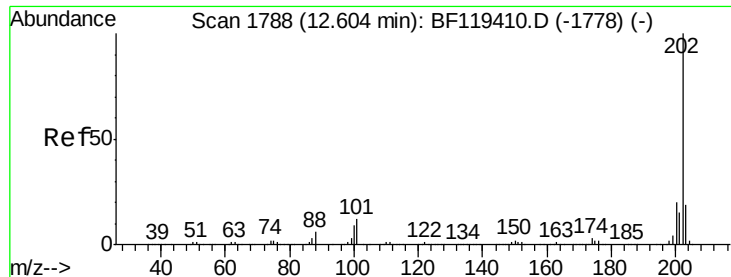
Tgt Ion:167 Resp: 2836173
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.6
 139 13.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 53.35 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119546.D
 Acq: 26 Mar 2020 22:53

Tgt Ion:149 Resp: 3428680
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 49.55 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

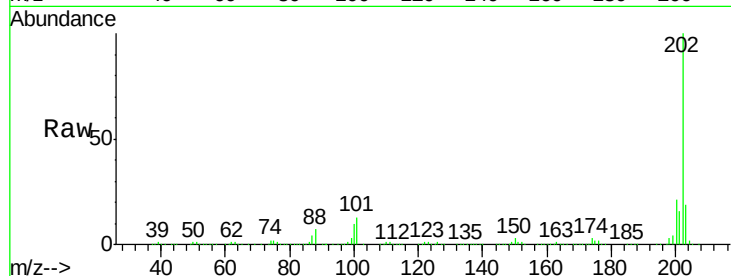
Tgt Ion:202 Resp: 3202359

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.4

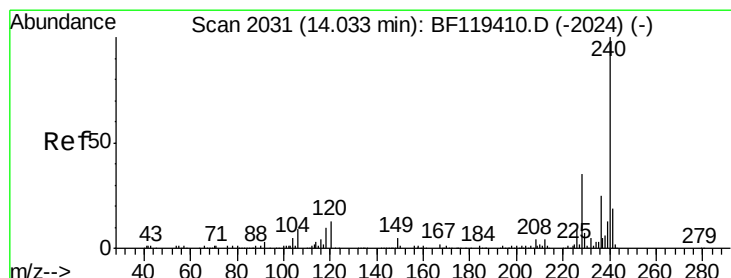
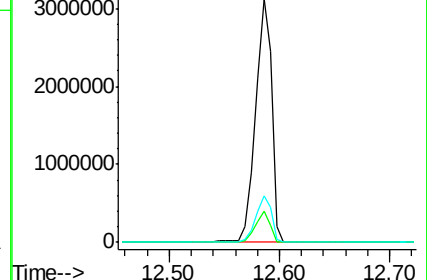
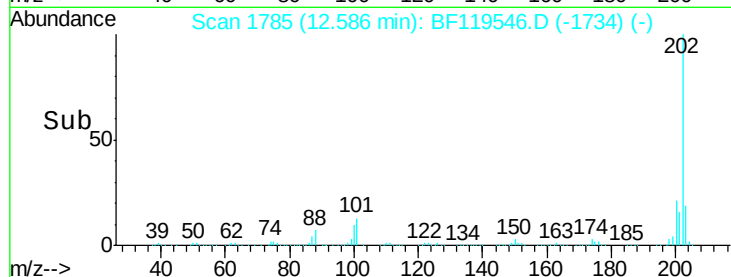
203 19.2 0.0 38.5



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: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

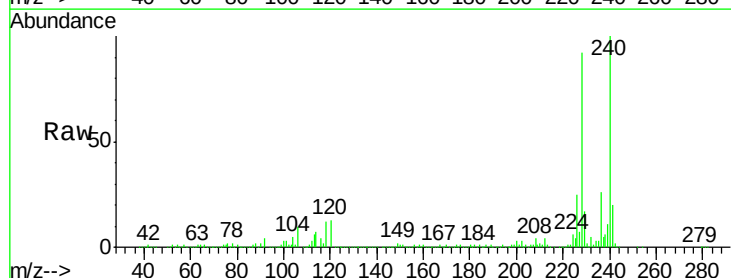
Tgt Ion:240 Resp: 818871

Ion Ratio Lower Upper

240 100

120 13.5 10.2 15.4

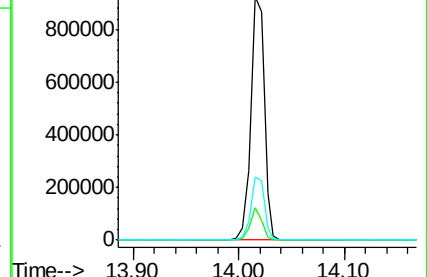
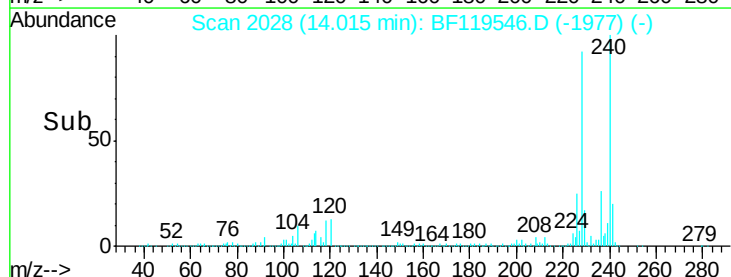
236 25.8 20.4 30.6

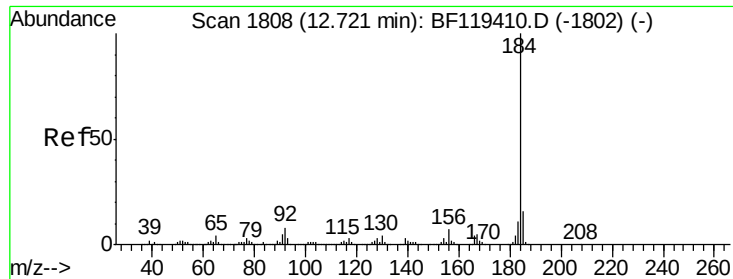


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.76 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

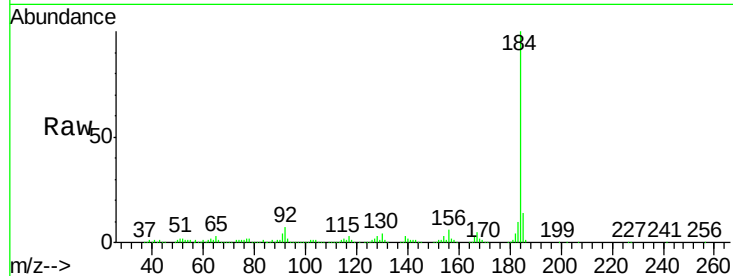
Tgt Ion:184 Resp: 476719

Ion Ratio Lower Upper

184 100

185 14.2 12.9 19.3

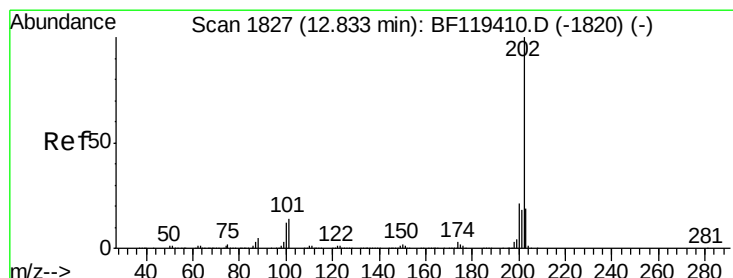
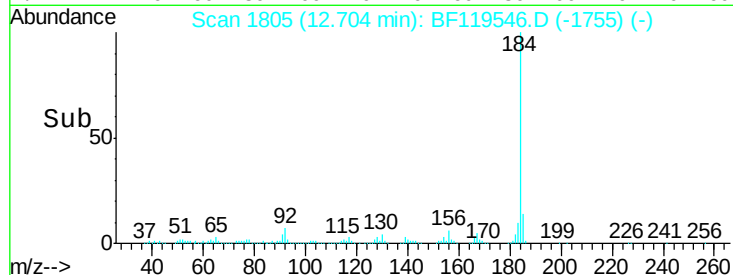
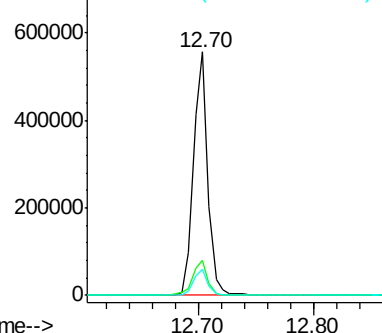
183 10.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.30 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

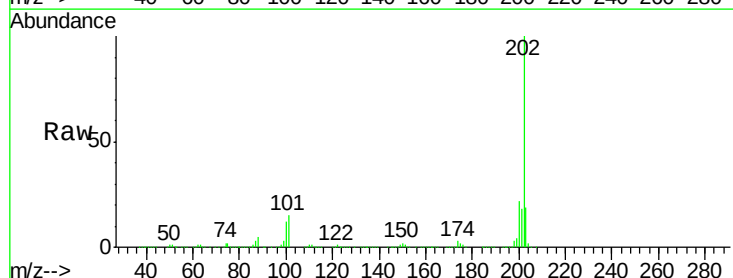
Tgt Ion:202 Resp: 3245822

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

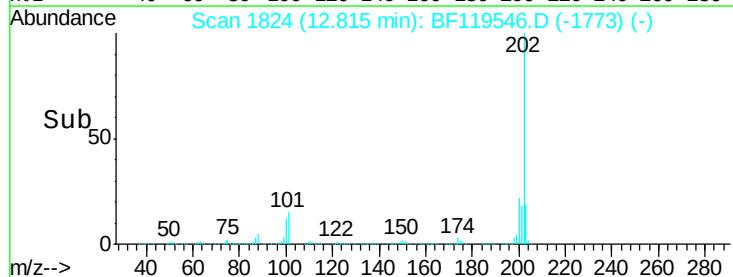
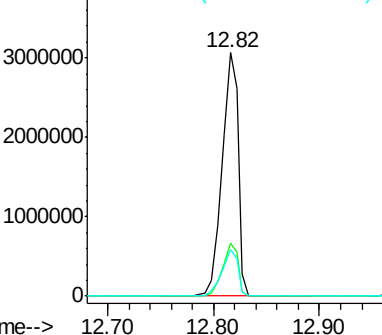
203 19.0 14.8 22.2

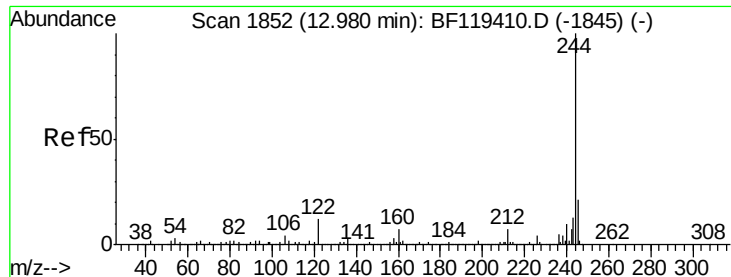


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.50 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

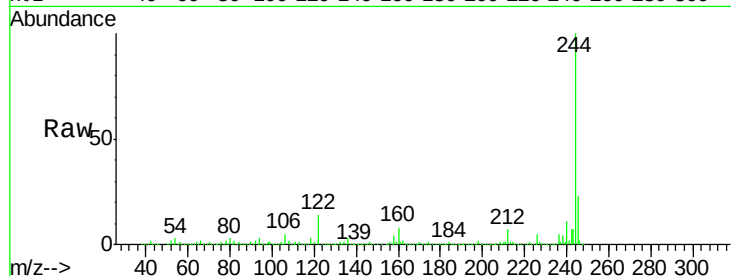
Tgt Ion:244 Resp: 4158726

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

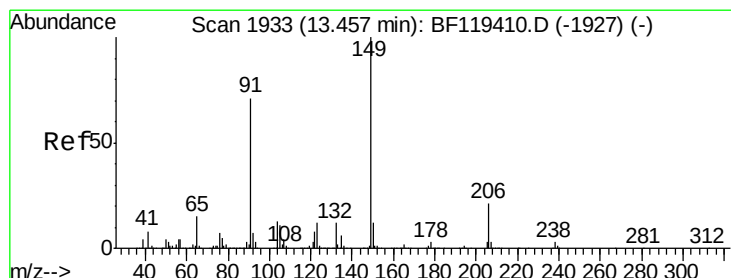
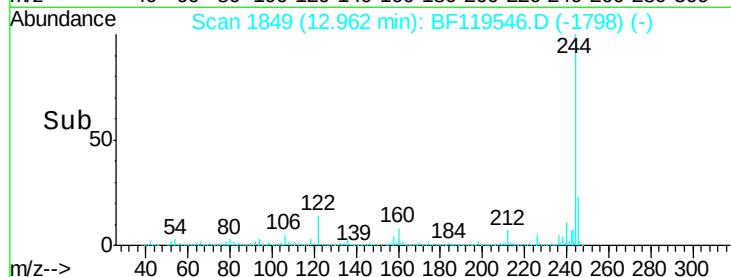
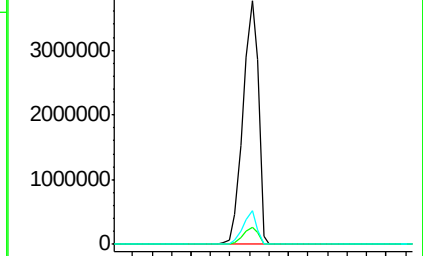
122 13.7 9.8 14.8



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: 55.09 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

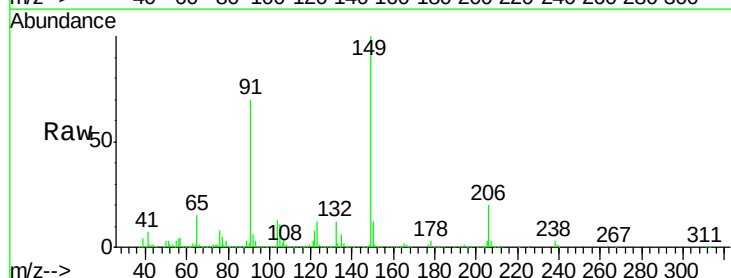
Tgt Ion:149 Resp: 1497468

Ion Ratio Lower Upper

149 100

91 69.8 57.0 85.6

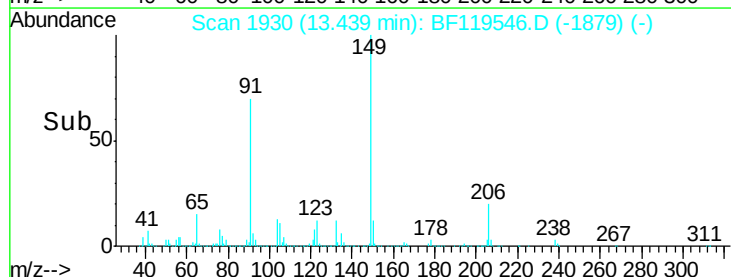
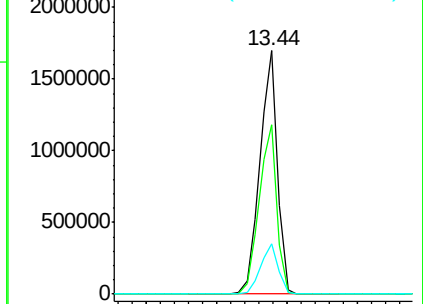
206 20.4 16.4 24.6

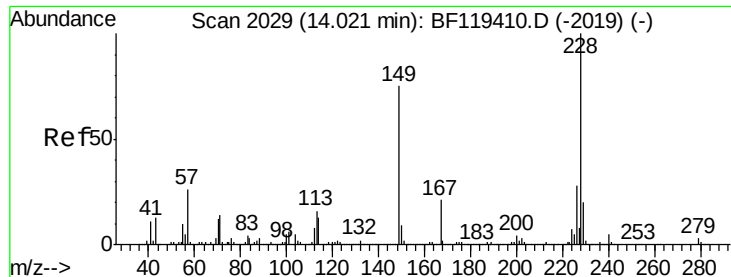


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.47 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

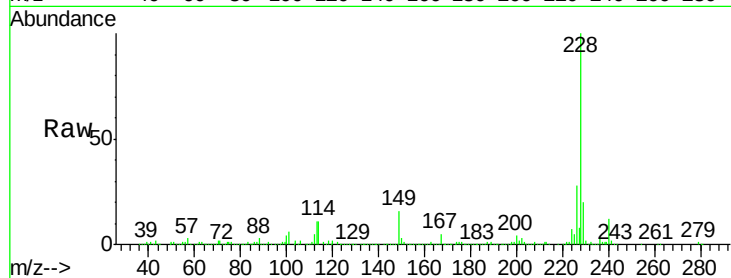
Tgt Ion:228 Resp: 2527594

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

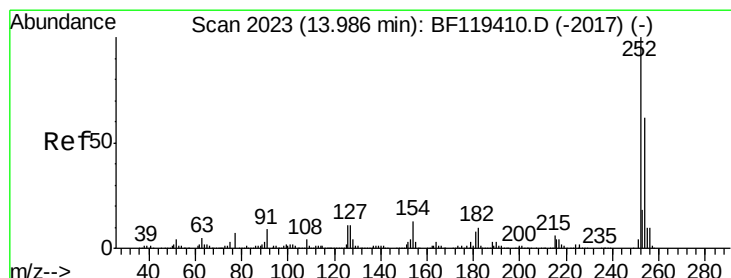
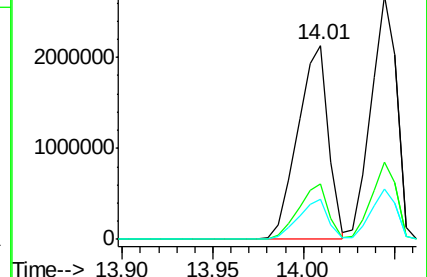
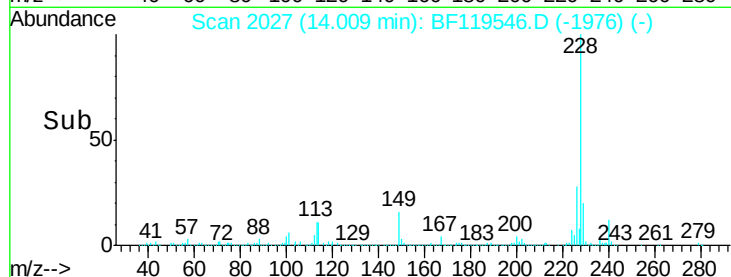
229 20.4 16.3 24.5



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: 15.77 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

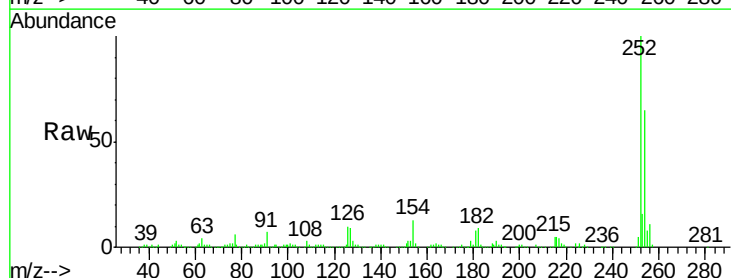
Tgt Ion:252 Resp: 331005

Ion Ratio Lower Upper

252 100

254 65.3 49.8 74.8

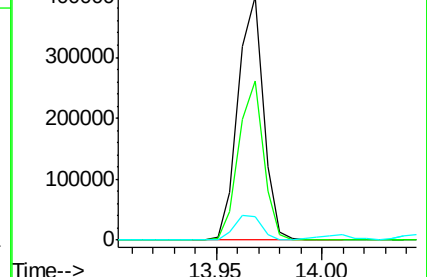
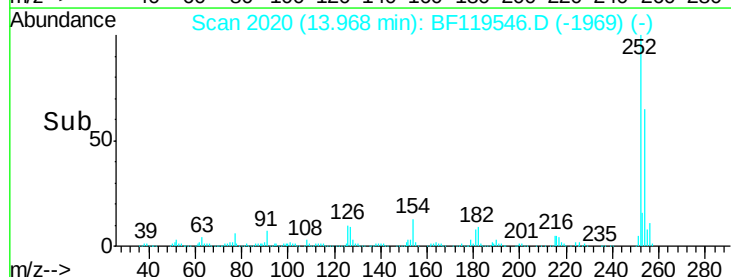
126 9.9 8.9 13.3

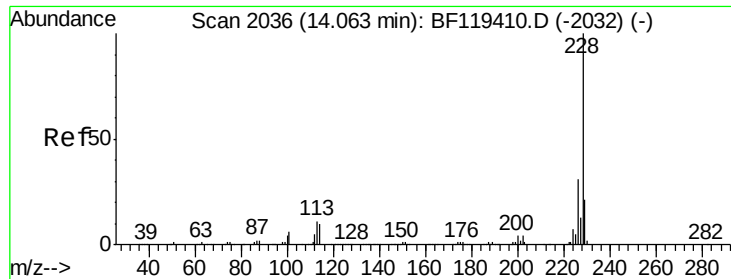


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.89 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

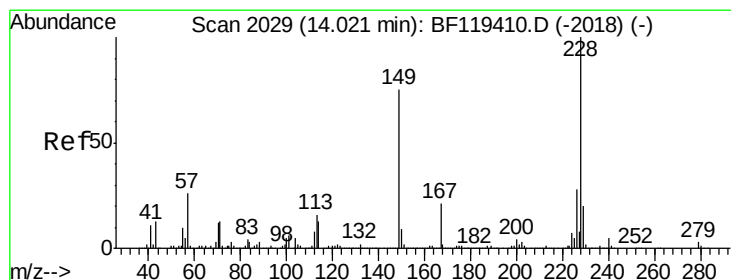
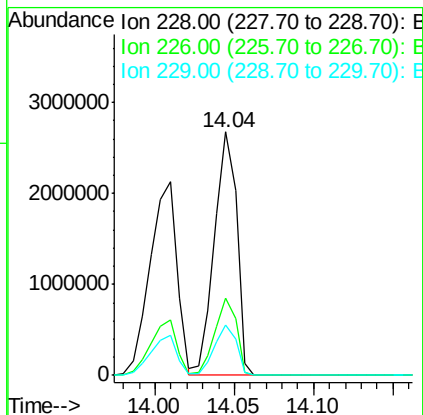
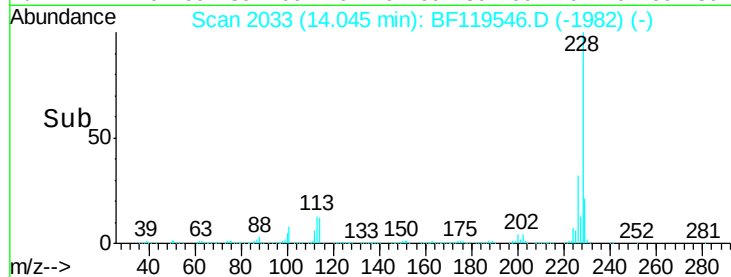
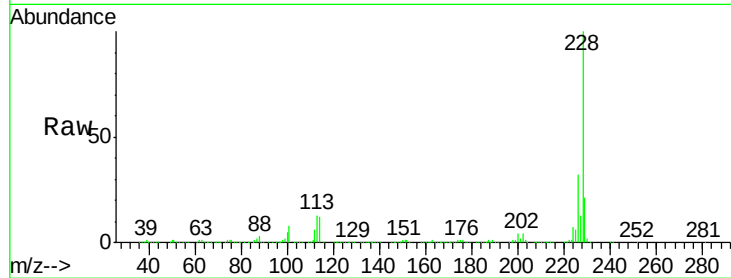
Tgt Ion:228 Resp: 2632028

Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

229 20.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.14 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

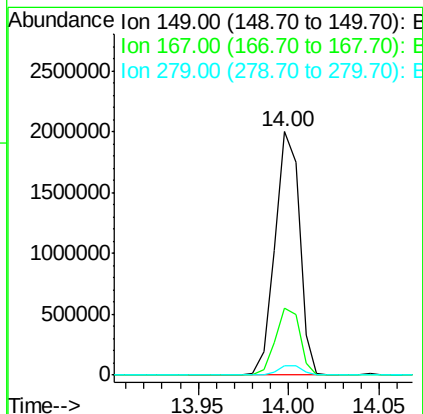
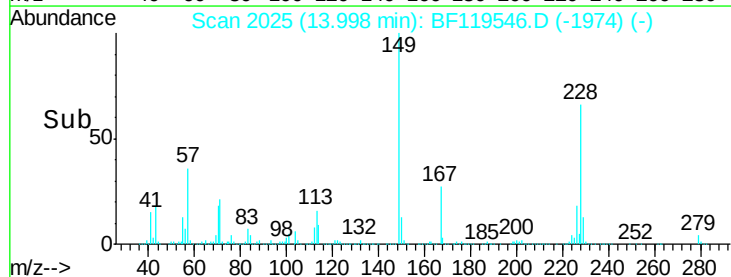
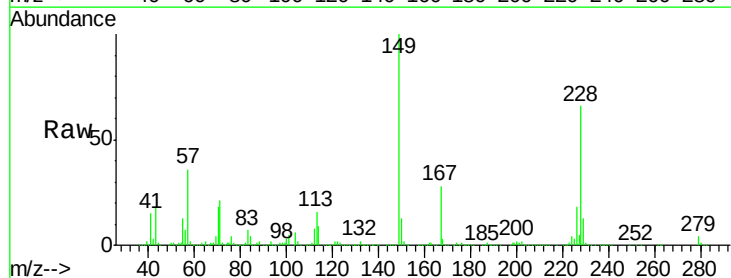
Tgt Ion:149 Resp: 1883987

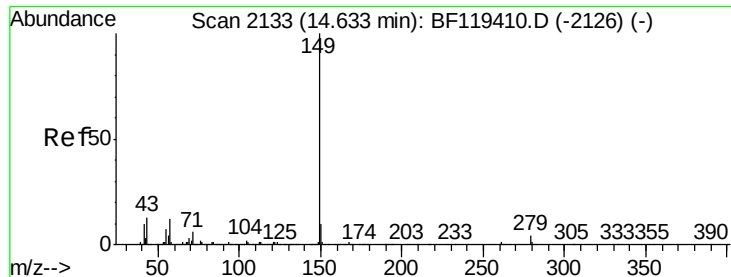
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 3.7 3.2 4.8

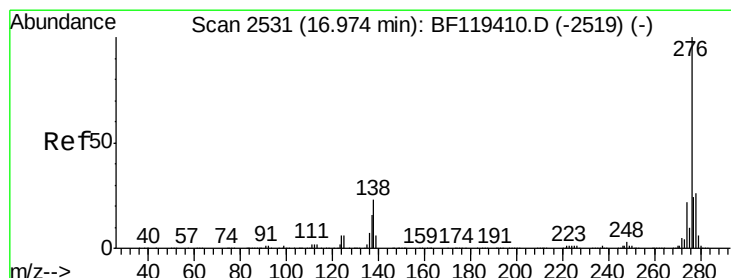
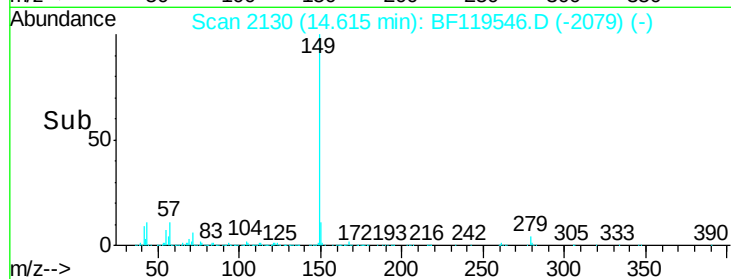
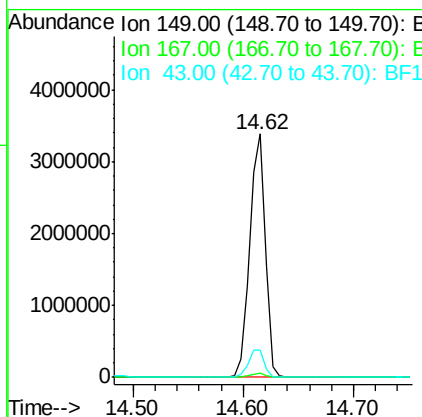
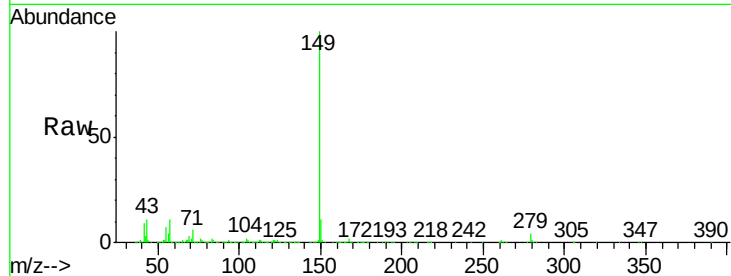




#85
Di-n-octyl phthalate
Concen: 58.91 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

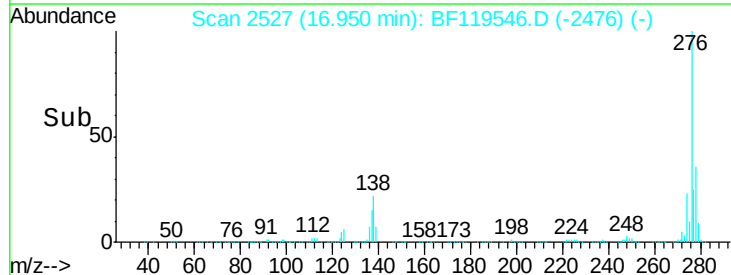
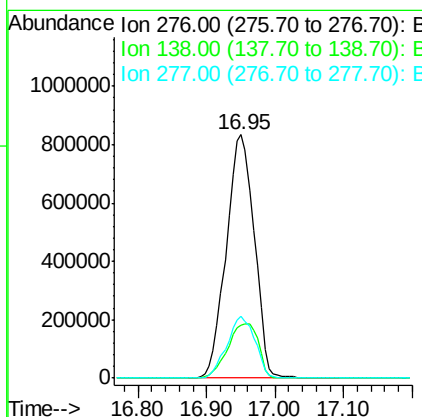
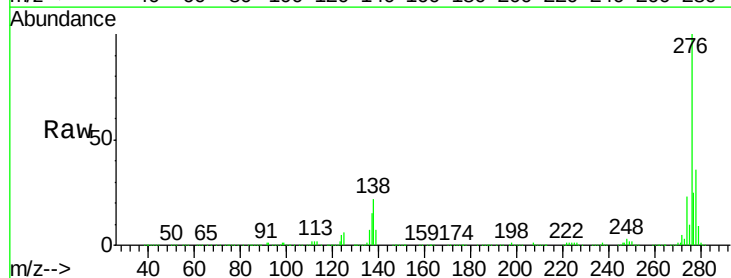
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

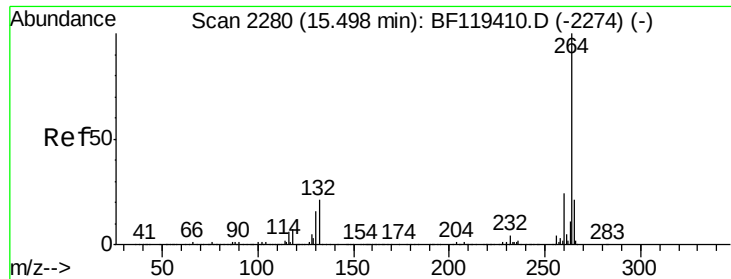
Tgt Ion:149 Resp: 3357074
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.6 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.61 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion:276 Resp: 2360564
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
277 25.4 20.2 30.2



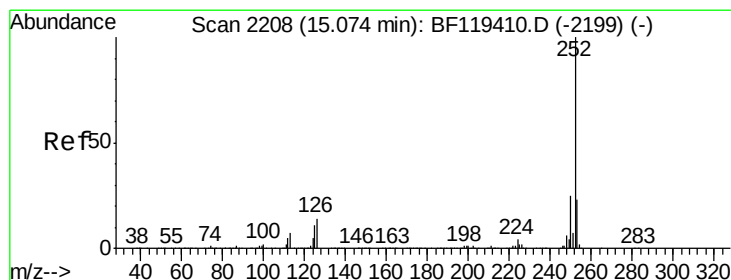
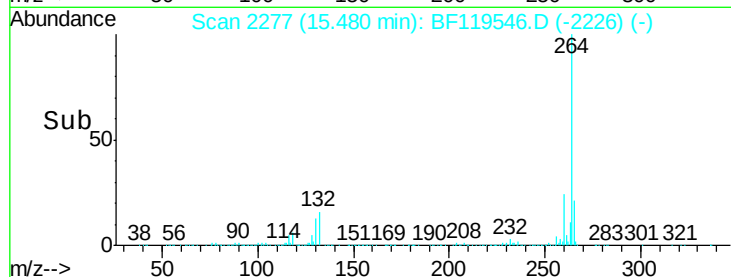
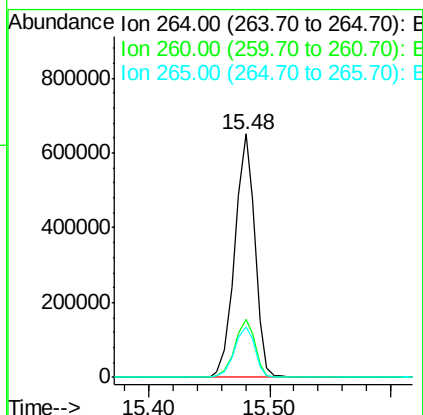
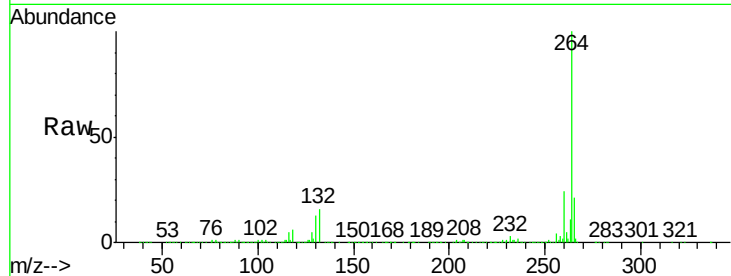


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Tgt Ion: 264 Resp: 753483

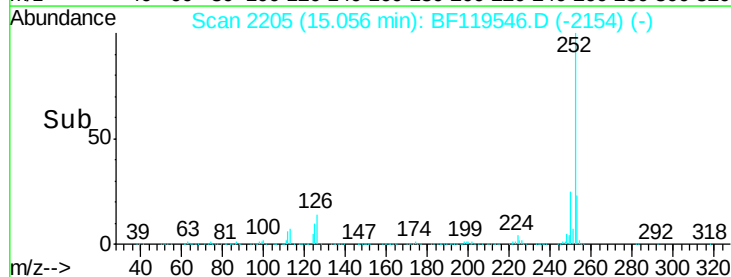
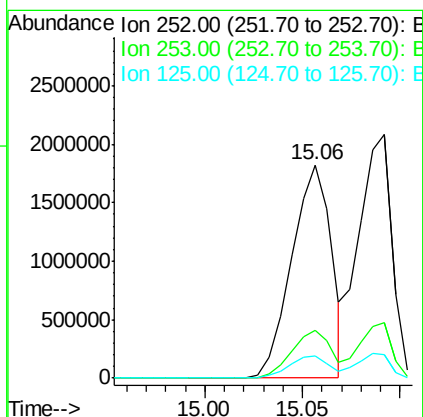
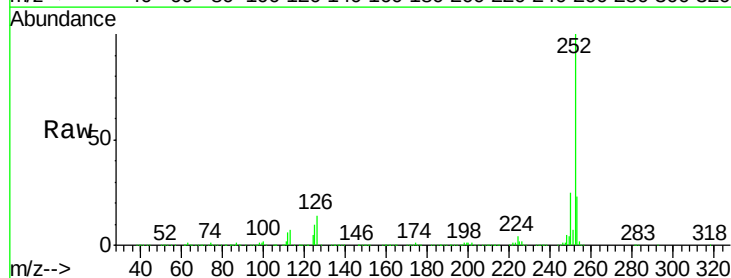
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	16.9	25.3

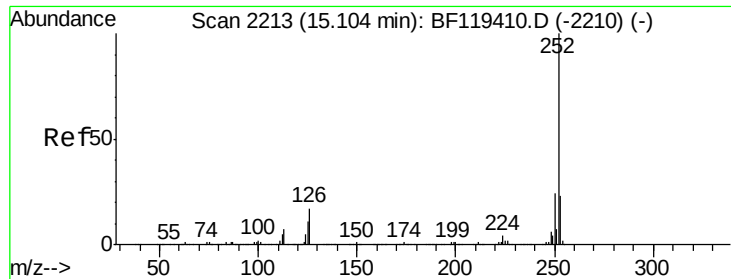


#88
Benzo(b)fluoranthene
Concen: 50.84 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion: 252 Resp: 2558995

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.4	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 51.36 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MS

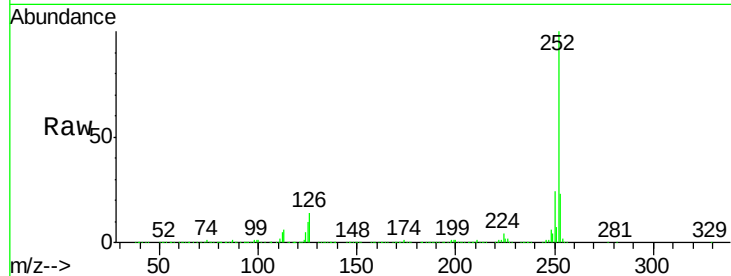
Tgt Ion:252 Resp: 2461735

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

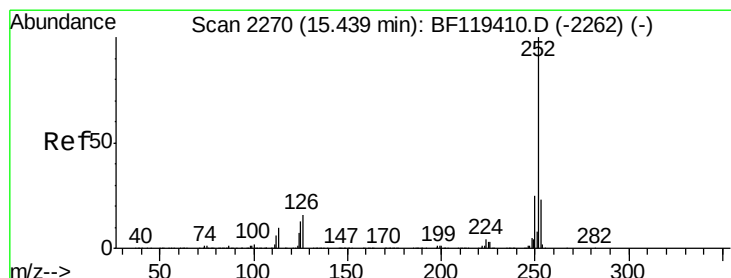
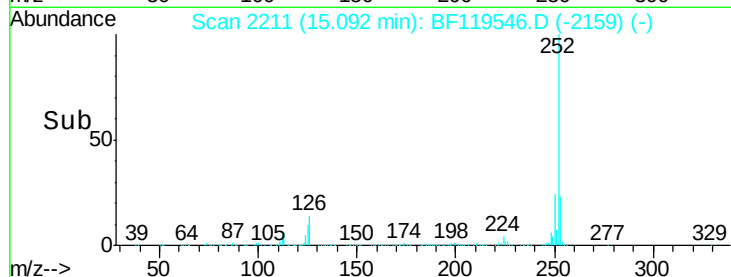
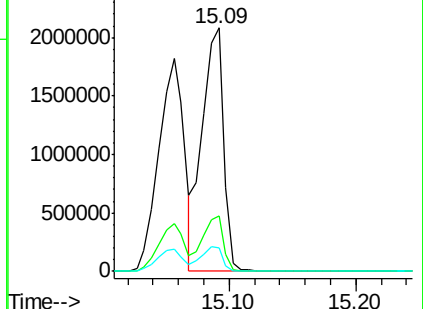
125 9.8 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.40 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF119546.D

Acq: 26 Mar 2020 22:53

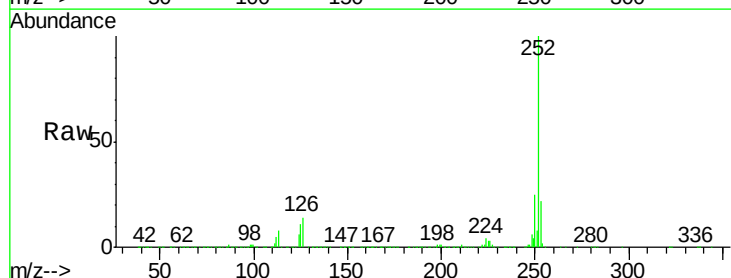
Tgt Ion:252 Resp: 2213747

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

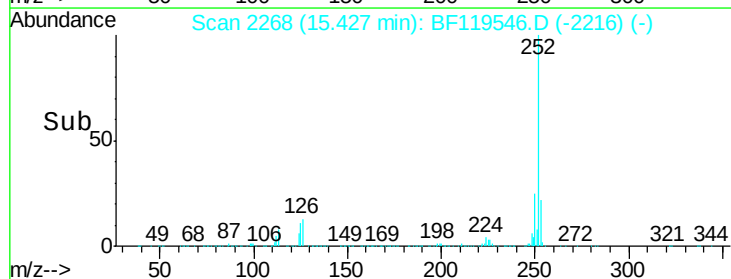
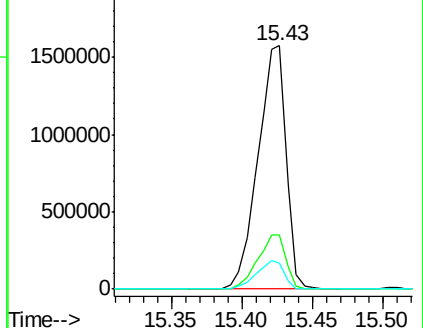
125 10.6 10.2 15.2

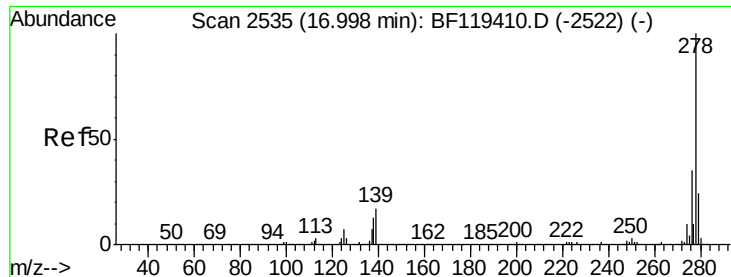


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



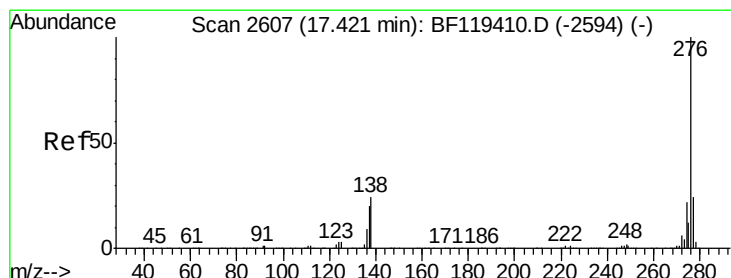
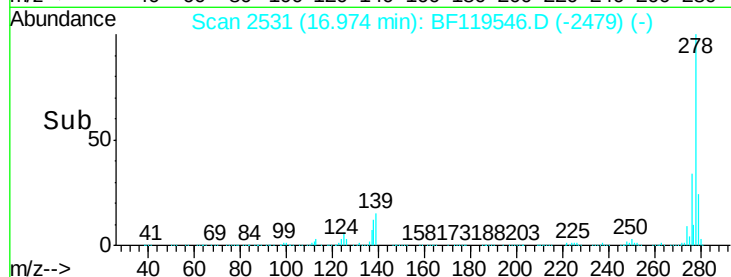
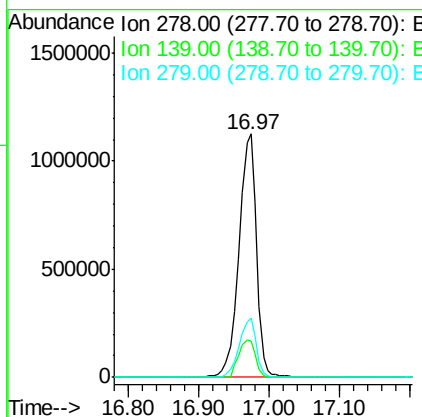
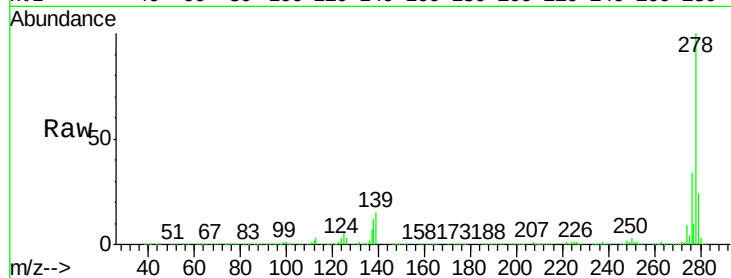


#91
Dibenzo(a,h)anthracene
Concen: 48.75 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MS

Tgt Ion: 278 Resp: 1950279

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.7	20.5
279	24.2	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 48.60 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF119546.D
Acq: 26 Mar 2020 22:53

Tgt Ion: 276 Resp: 1953344

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	21.9	19.1	28.7

