

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119606.D
 Acq On : 28 Mar 2020 9:35
 Operator : CG/JU
 Sample : L2049-07MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Quant Time: Mar 29 23:15:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	255789	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	991085	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	570218	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	988924	20.00	ng	0.00
76) Chrysene-d12	14.01	240	466710	20.00	ng	0.00
87) Perylene-d12	15.47	264	398544	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1712361	106.57	ng	0.01
7) Phenol-d6	6.46	99	2153279	104.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	1328541	72.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	608506	103.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2417560	62.81	ng	0.00
79) Terphenyl-d14	12.95	244	1863162	78.21	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	368698	46.46	ng 99
3) Pyridine	3.39	79	992287	45.39	ng 98
4) n-Nitrosodimethylamine	3.35	42	547726	51.37	ng 98
6) Aniline	6.49	93	886487	31.29	ng 99
8) 2-Chlorophenol	6.62	128	913050	54.10	ng 98
9) Benzaldehyde	6.38	77	545611	41.90	ng 98
10) Phenol	6.47	94	1168127	53.34	ng 98
11) bis(2-Chloroethyl)ether	6.57	93	871337	49.74	ng 99
12) 1,3-Dichlorobenzene	6.77	146	915170	50.10	ng 97
13) 1,4-Dichlorobenzene	6.85	146	967766	52.97	ng 98
14) 1,2-Dichlorobenzene	7.00	146	879760	51.52	ng 100
15) Benzyl Alcohol	6.97	79	765029	49.55	ng 98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1673009	47.35	ng 100
17) 2-Methylphenol	7.09	107	735922	47.59	ng 97
18) Hexachloroethane	7.35	117	353338	52.77	ng 94
19) n-Nitroso-di-n-propylamine	7.25	70	620653	50.17	ng 97
20) 3+4-Methylphenols	7.24	107	897559	47.37	ng # 85
22) Acetophenone	7.25	105	1169979	49.40	ng # 92
24) Nitrobenzene	7.42	77	950761	48.79	ng 99
25) Isophorone	7.66	82	1736544	46.94	ng 99
26) 2-Nitrophenol	7.73	139	473474	61.70	ng 96
27) 2,4-Dimethylphenol	7.77	122	824736	51.98	ng 97
28) bis(2-Chloroethoxy)methane	7.87	93	1126507	51.50	ng 100
29) 2,4-Dichlorophenol	7.97	162	752471	51.61	ng 99
30) 1,2,4-Trichlorobenzene	8.06	180	804190	49.88	ng 99
31) Naphthalene	8.14	128	2485499	48.73	ng 99
32) Benzoic acid	7.90	122	595604	58.36	ng 98
33) 4-Chloroaniline	8.19	127	331649	14.19	ng 96
34) Hexachlorobutadiene	8.26	225	487672	54.06	ng 98
35) Caprolactam	8.57	113	149243	31.28	ng 95
36) 4-Chloro-3-methylphenol	8.67	107	839778	52.70	ng 99
37) 2-Methylnaphthalene	8.83	142	1748839	52.25	ng 99
38) 1-Methylnaphthalene	8.93	142	1641914	51.82	ng 99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	774485	46.34	ng 99

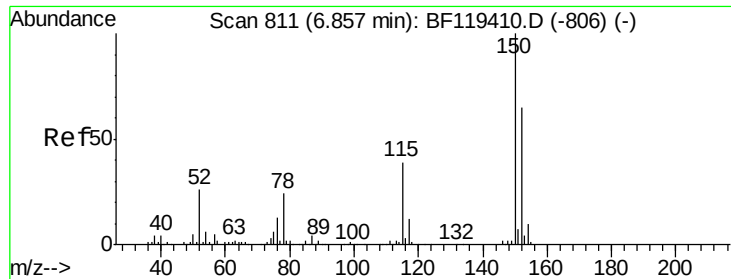
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	835026	87.88	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	564231	47.17	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	583770	43.57	ng	98
46) 1,1'-Biphenyl	9.30	154	2073407	44.65	ng	99
47) 2-Chloronaphthalene	9.33	162	1598670	43.95	ng	97
48) 2-Nitroaniline	9.42	65	604447	48.14	ng	93
49) Acenaphthylene	9.75	152	2708107	47.41	ng	99
50) Dimethylphthalate	9.60	163	2234242	55.16	ng	99
51) 2,6-Dinitrotoluene	9.66	165	465431	53.61	ng	88
52) Acenaphthene	9.92	154	1843153	51.75	ng	97
53) 3-Nitroaniline	9.83	138	256331	23.39	ng	97
54) 2,4-Dinitrophenol	9.94	184	394170	102.66	ng	98
55) Dibenzofuran	10.09	168	2415455	47.31	ng	97
56) 4-Nitrophenol	10.00	139	812535	93.98	ng	87
57) 2,4-Dinitrotoluene	10.07	165	617727	56.48	ng	95
58) Fluorene	10.43	166	1842100	48.79	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	525157	52.44	ng	99
60) Diethylphthalate	10.31	149	2050113	49.87	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	884991	47.93	ng	99
62) 4-Nitroaniline	10.45	138	473949	45.09	ng	99
63) Azobenzene	10.58	77	1840730	44.47	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	287221	69.26	ng	83
66) n-Nitrosodiphenylamine	10.55	169	1683081	51.84	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	539522	47.90	ng	92
68) Hexachlorobenzene	10.98	284	568475	49.32	ng	# 92
69) Atrazine	11.07	200	484674	54.46	ng	99
70) Pentachlorophenol	11.17	266	641721	94.94	ng	99
71) Phenanthrene	11.39	178	2485033	48.46	ng	99
72) Anthracene	11.45	178	2554494	49.02	ng	99
73) Carbazole	11.60	167	2488070	48.23	ng	100
74) Di-n-butylphthalate	11.93	149	2224503	40.31	ng	100
75) Fluoranthene	12.58	202	2063533	37.18	ng	99
77) Benzidine	12.70	184	864745	43.78	ng	99
78) Pyrene	12.81	202	2025145	52.87	ng	99
80) Butylbenzylphthalate	13.43	149	922151	59.53	ng	98
81) Benzo(a)anthracene	14.00	228	1481529	48.82	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	304243	25.42	ng	# 98
83) Chrysene	14.04	228	1526532	48.74	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1209653	65.50	ng	99
85) Di-n-octyl phthalate	14.60	149	1958842	60.31	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2076438	70.39	ng	99
88) Benzo(b)fluoranthene	15.04	252	1345372	50.53	ng	98
89) Benzo(k)fluoranthene	15.07	252	1318786	52.02	ng	98
90) Benzo(a)pyrene	15.41	252	1192320	49.28	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1709558	80.78	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1617940	76.10	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

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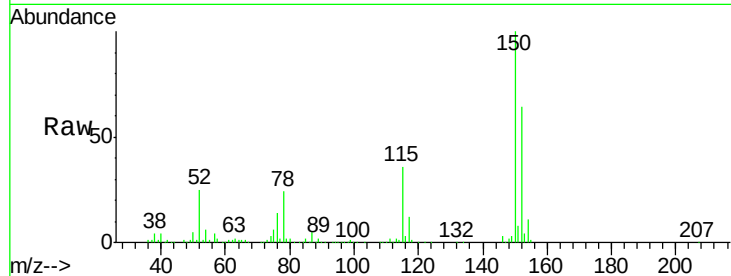
Tgt Ion:152 Resp: 255789

Ion Ratio Lower Upper

152 100

150 155.9 124.5 186.7

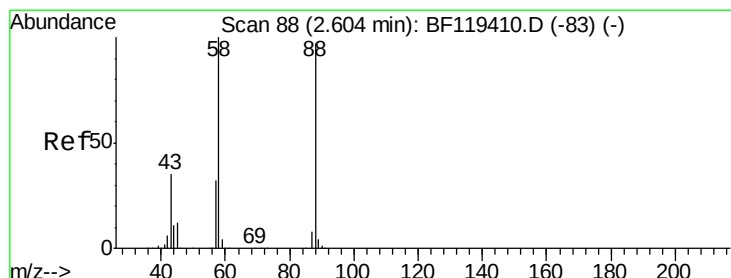
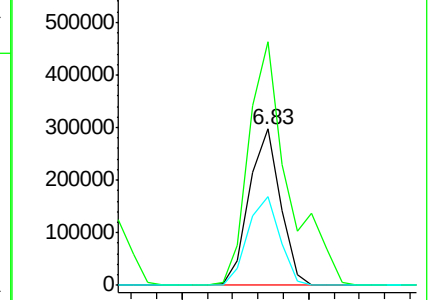
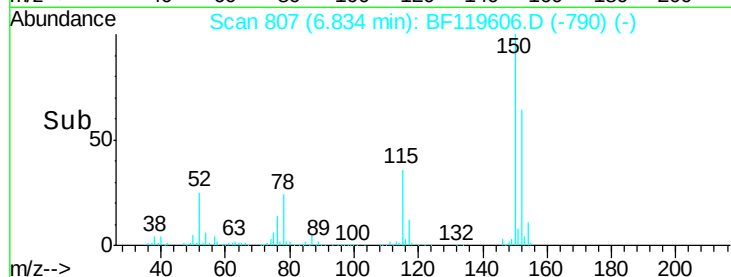
115 56.8 49.6 74.4



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: 46.46 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

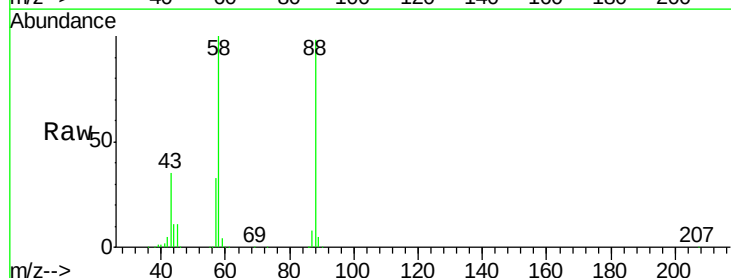
Tgt Ion: 88 Resp: 368698

Ion Ratio Lower Upper

88 100

58 101.9 80.6 121.0

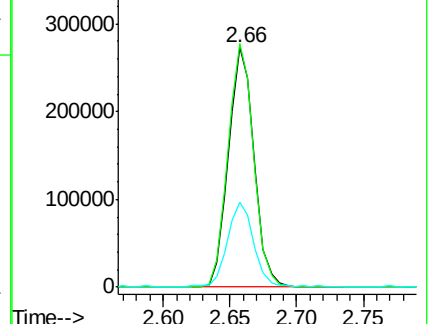
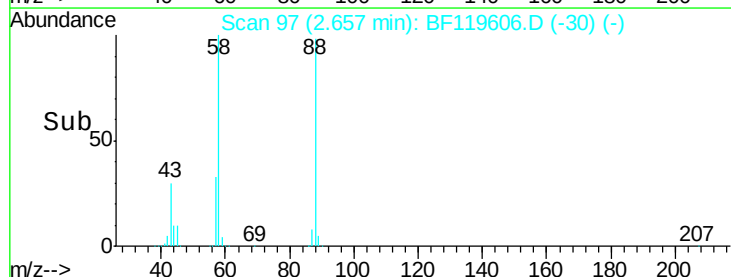
43 35.7 27.5 41.3

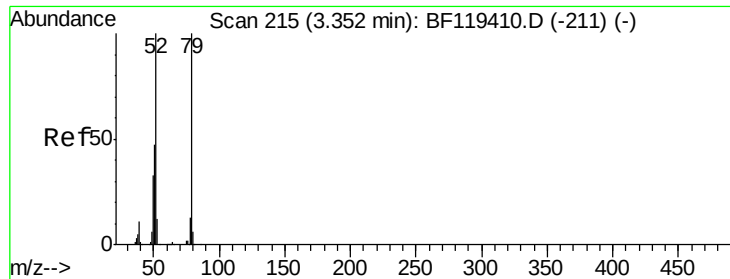


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 45.39 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

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ClientSampleId :

SB-5-(10-12)MS

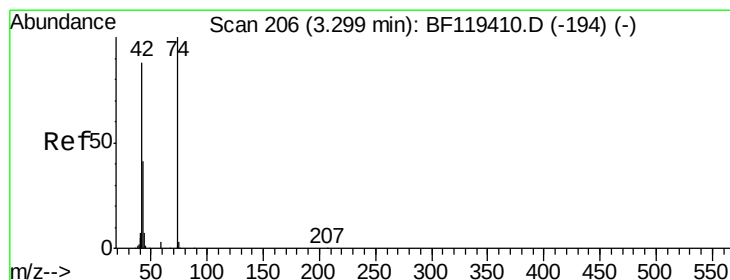
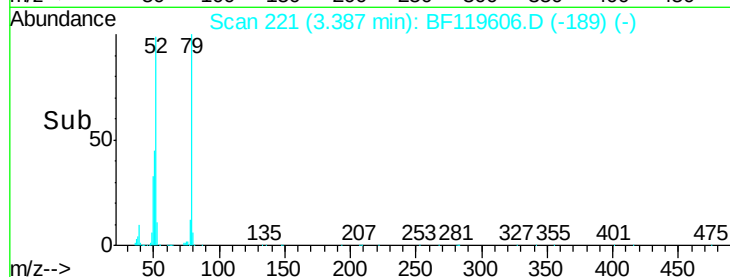
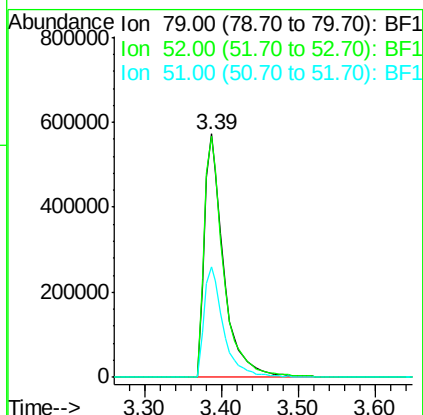
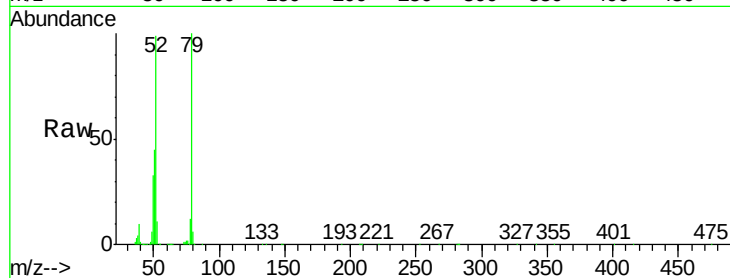
Tgt Ion: 79 Resp: 992287

Ion Ratio Lower Upper

79 100

52 99.0 80.2 120.2

51 45.4 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 51.37 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

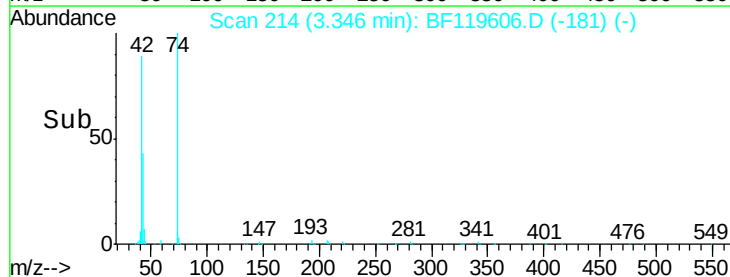
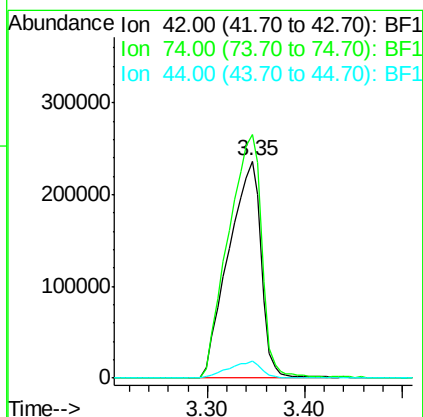
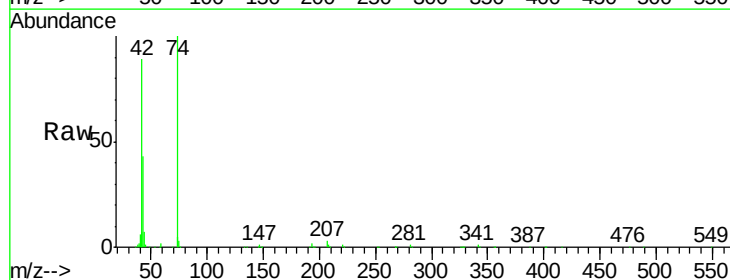
Tgt Ion: 42 Resp: 547726

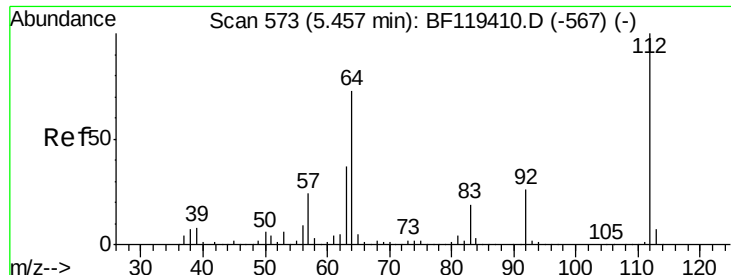
Ion Ratio Lower Upper

42 100

74 112.3 91.5 137.3

44 7.6 6.2 9.4





#5

2-Fluorophenol

Concen: 106.57 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

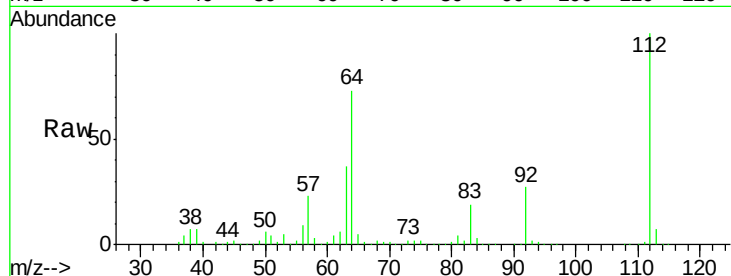
Tgt Ion: 112 Resp: 1712361

Ion Ratio Lower Upper

112 100

64 72.6 56.7 85.1

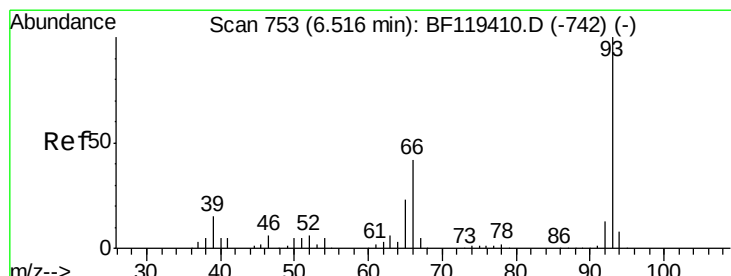
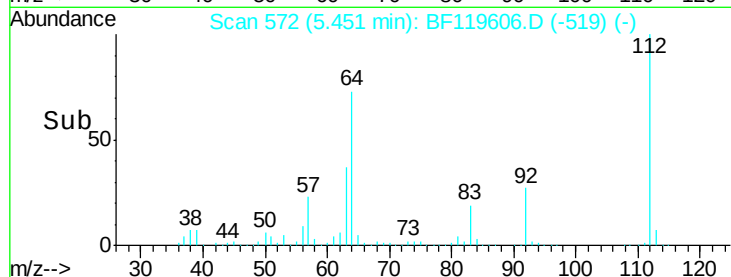
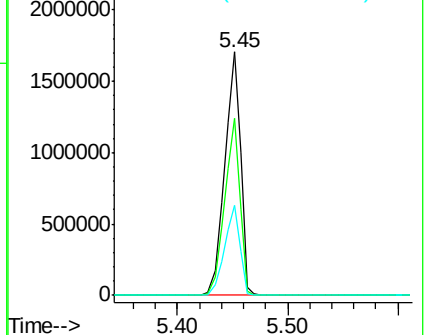
63 37.0 29.5 44.3



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: 31.29 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

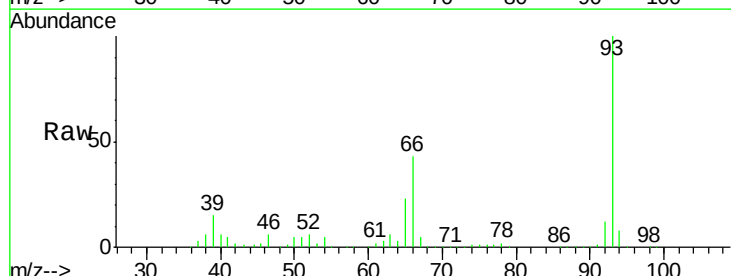
Tgt Ion: 93 Resp: 886487

Ion Ratio Lower Upper

93 100

66 43.3 34.9 52.3

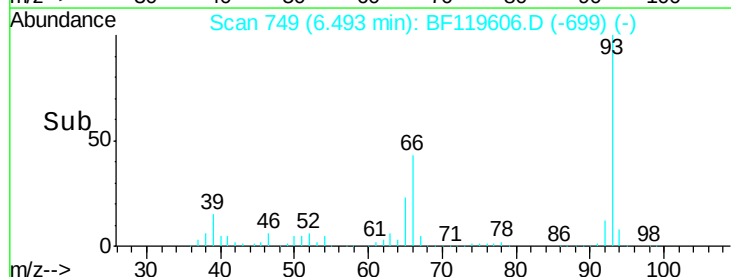
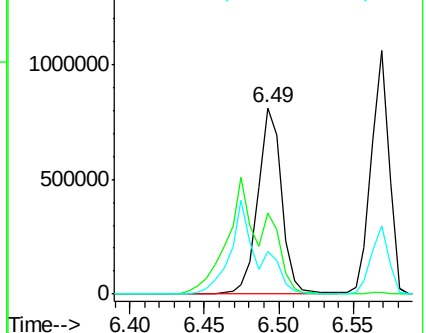
65 22.7 18.6 27.8

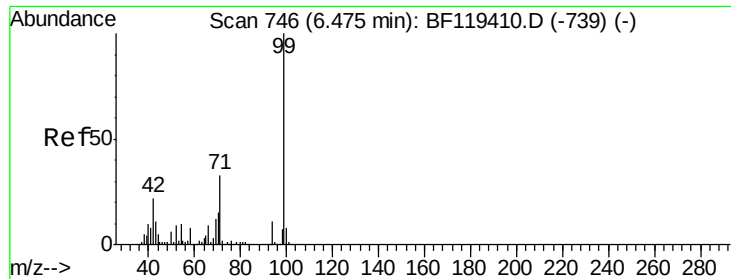


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.91 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

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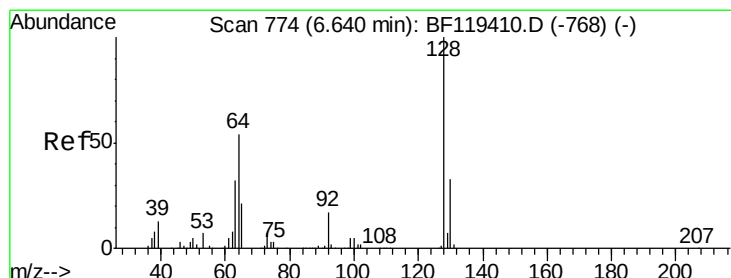
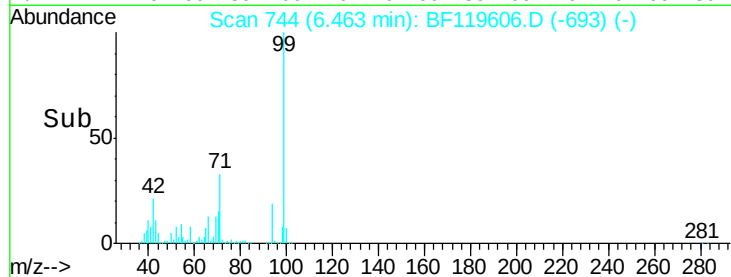
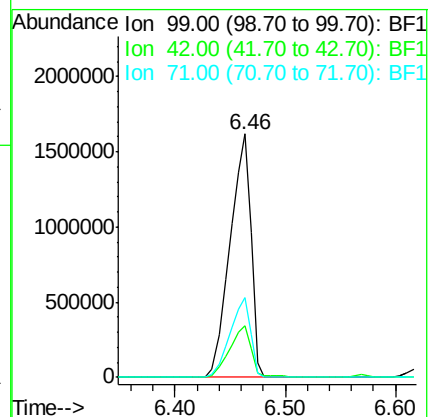
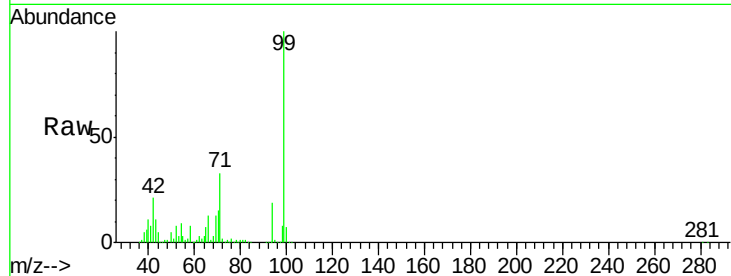
Tgt Ion: 99 Resp: 2153279

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

71 32.6 26.4 39.6



#8

2-Chlorophenol

Concen: 54.10 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

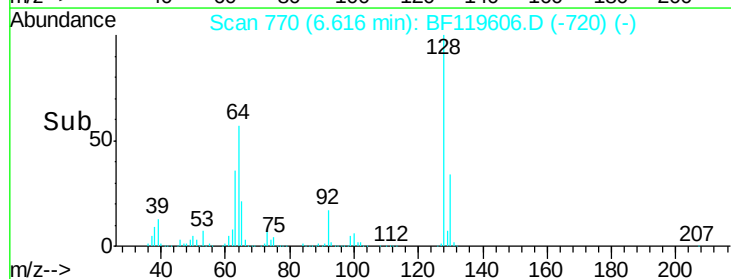
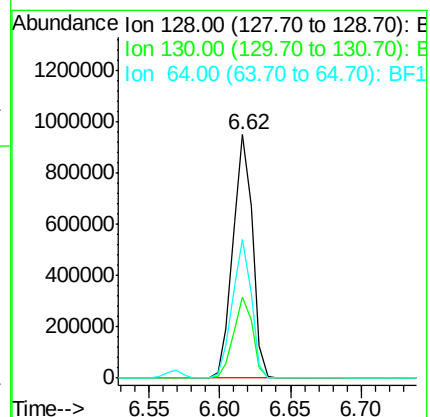
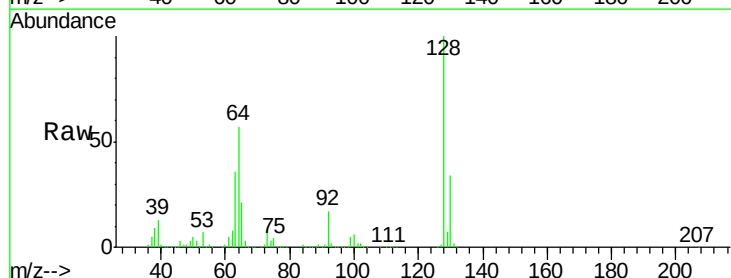
Tgt Ion: 128 Resp: 913050

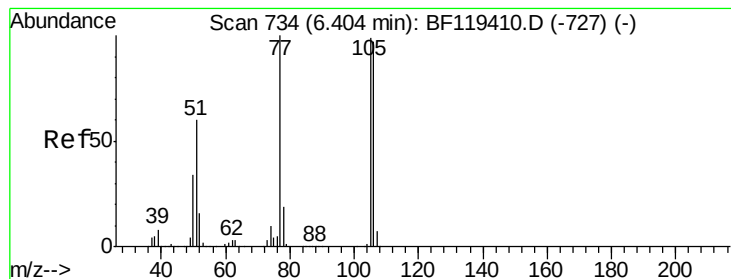
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 57.0 35.3 75.3





#9

Benzaldehyde

Concen: 41.90 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

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ClientSampleId :

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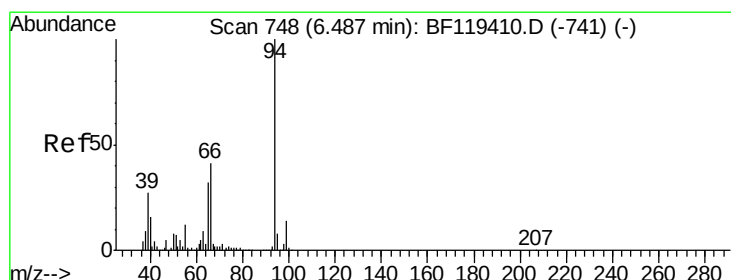
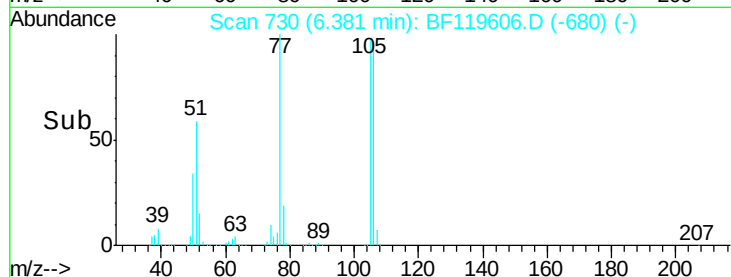
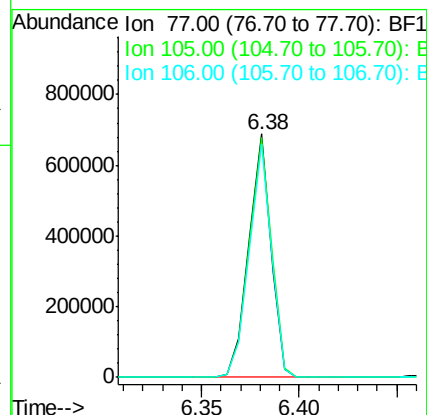
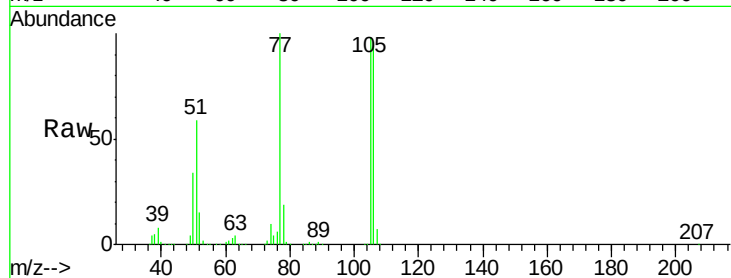
Tgt Ion: 77 Resp: 545611

Ion Ratio Lower Upper

77 100

105 98.5 80.9 120.9

106 95.7 77.9 117.9



#10

Phenol

Concen: 53.34 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

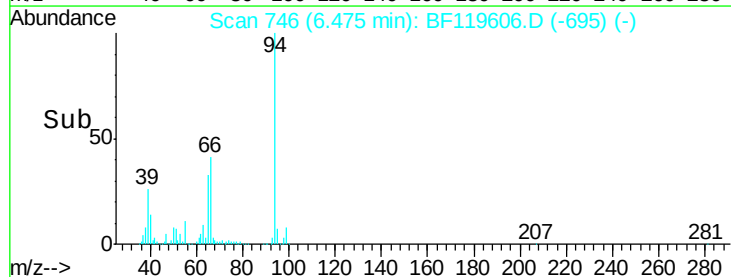
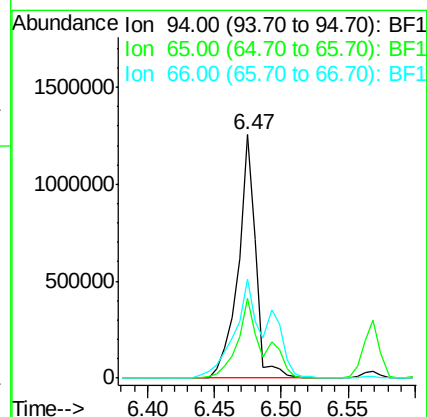
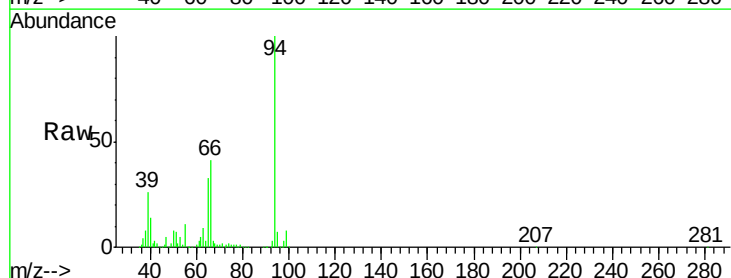
Tgt Ion: 94 Resp: 1168127

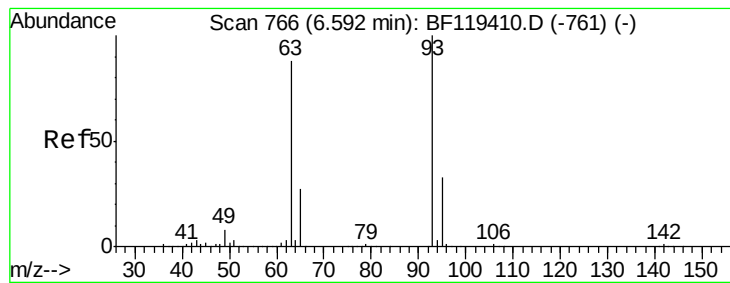
Ion Ratio Lower Upper

94 100

65 32.7 13.2 53.2

66 40.6 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 49.74 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

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ClientSampleId :

SB-5-(10-12)MS

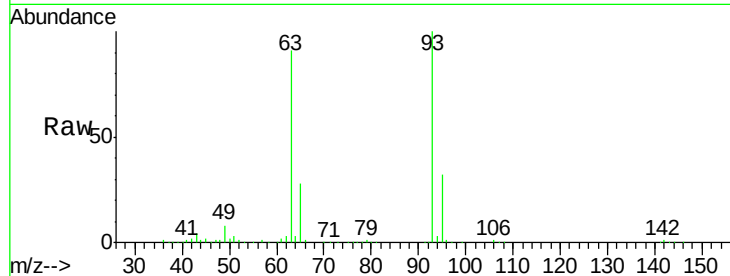
Tgt Ion: 93 Resp: 871337

Ion Ratio Lower Upper

93 100

63 91.0 70.2 110.2

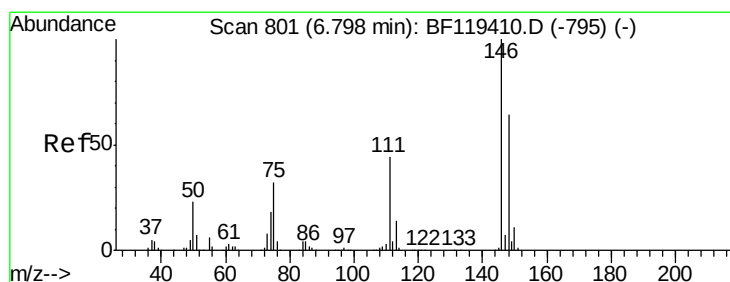
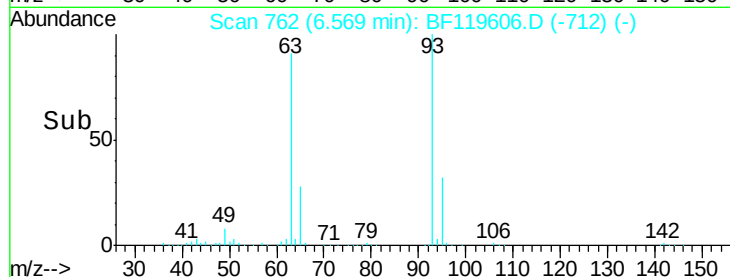
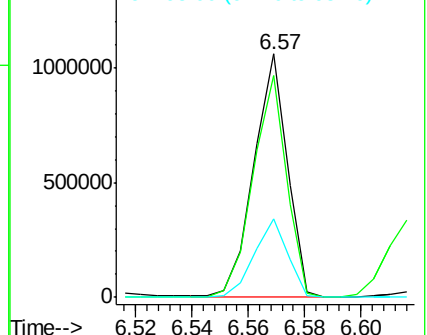
95 32.2 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 50.10 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

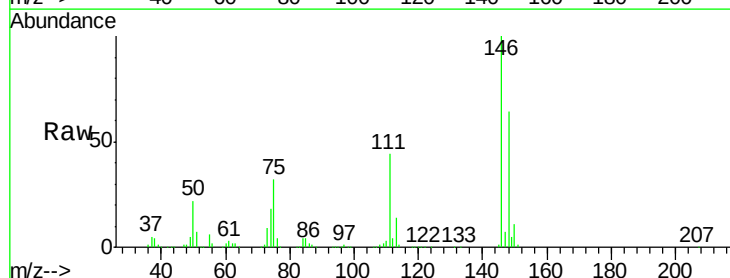
Tgt Ion: 146 Resp: 915170

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

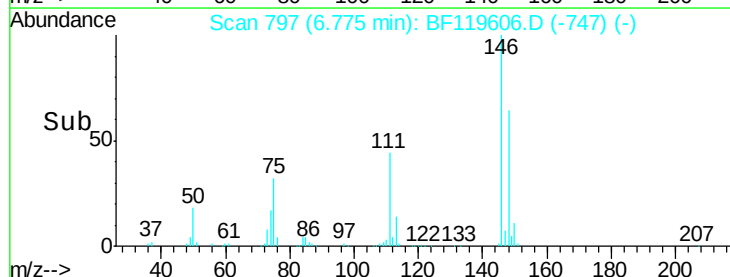
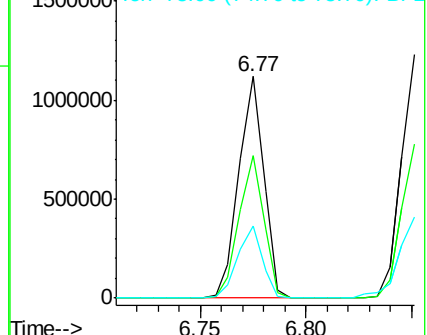
75 32.2 23.0 34.4

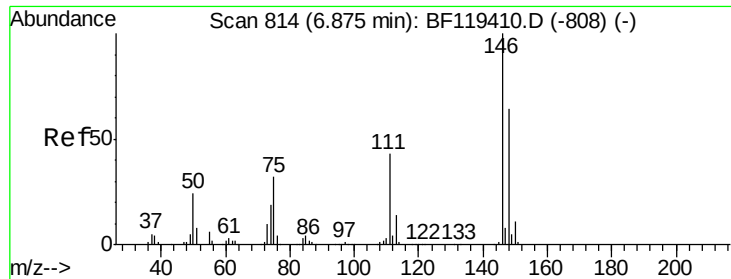


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

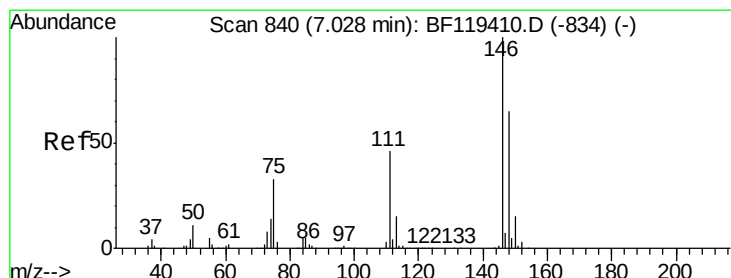
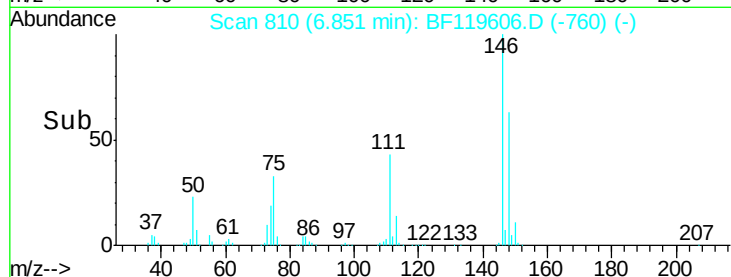
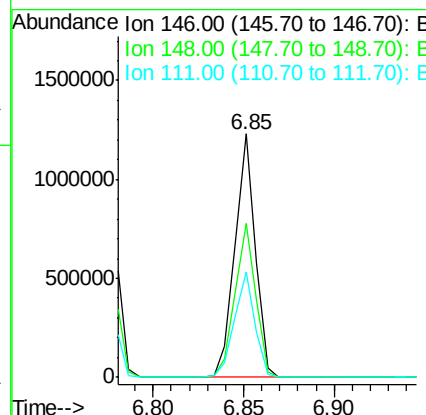
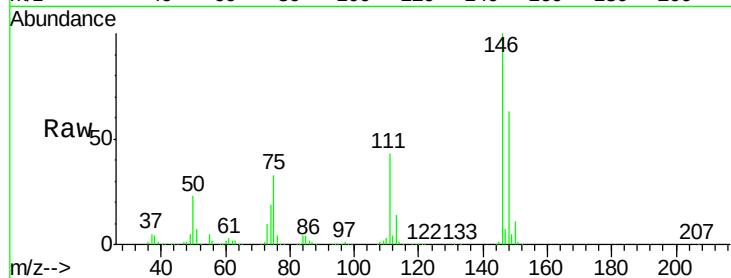




#13
 1,4-Dichlorobenzene
 Concen: 52.97 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

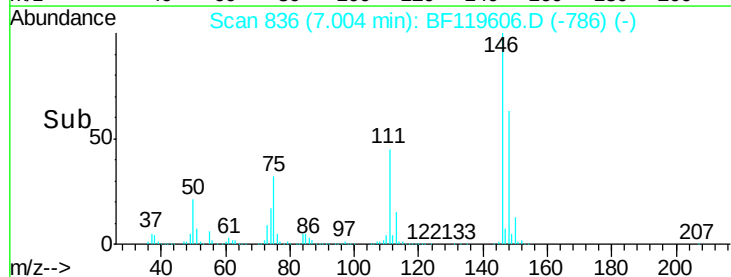
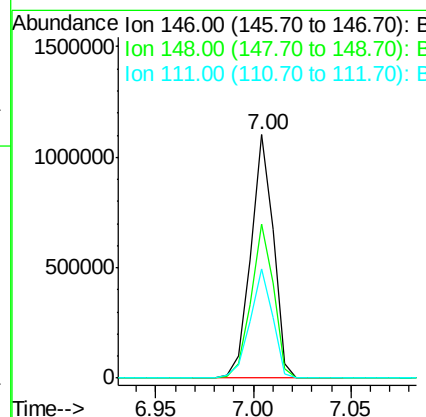
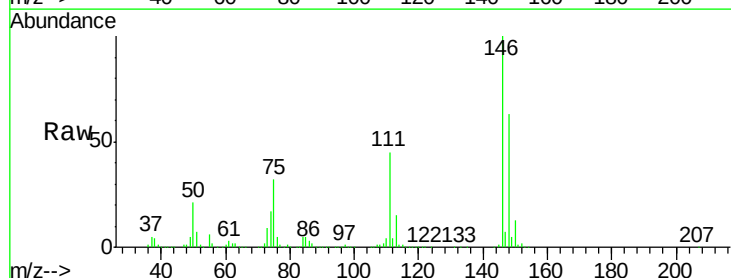
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

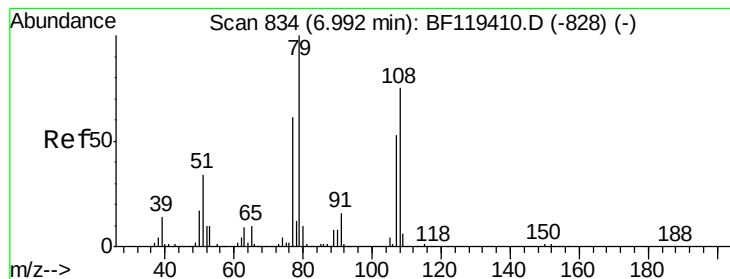
Tgt Ion:146 Resp: 967766
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.5 77.3
 111 43.5 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 51.52 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:146 Resp: 879760
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 44.7 36.1 54.1





#15

Benzyl Alcohol

Concen: 49.55 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

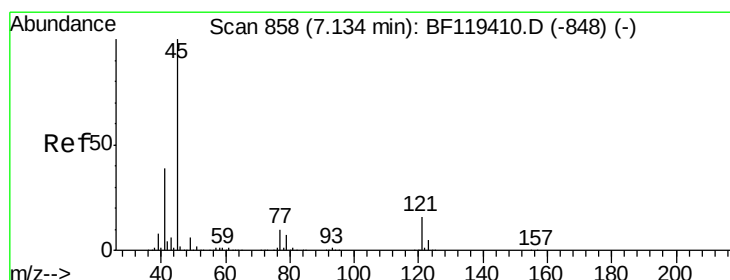
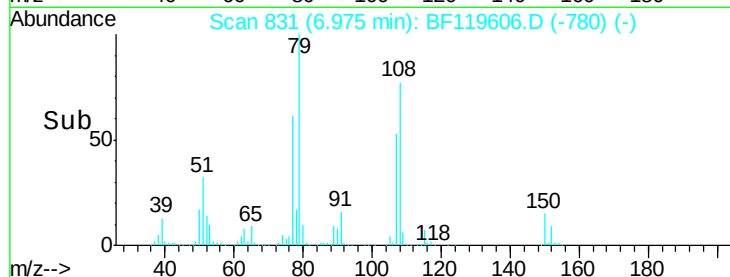
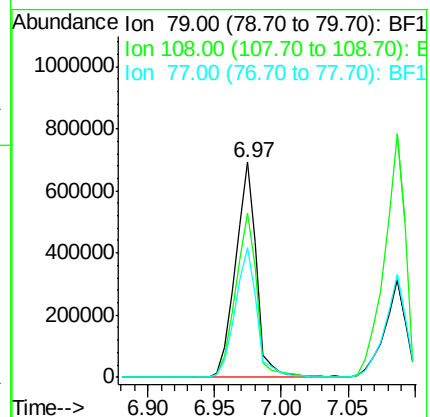
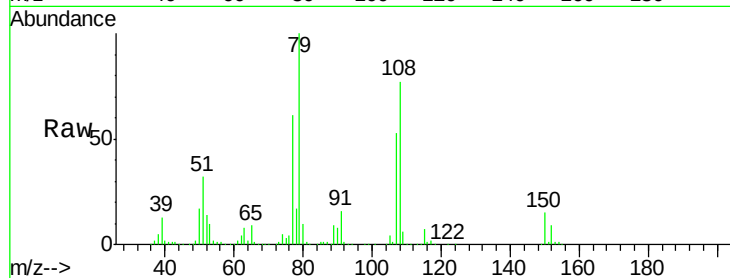
Tgt Ion: 79 Resp: 765029

Ion Ratio Lower Upper

79 100

108 76.6 60.6 90.8

77 60.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.35 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

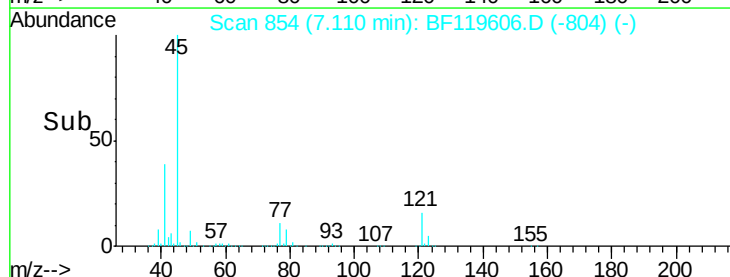
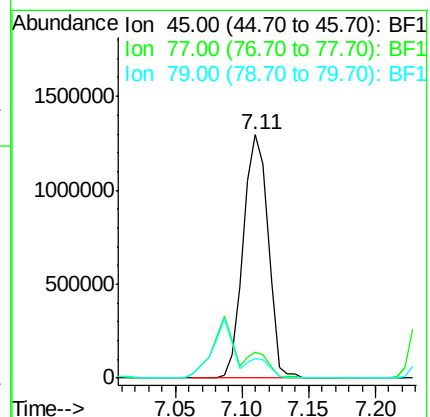
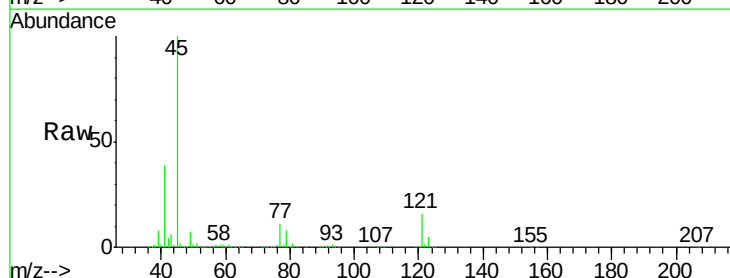
Tgt Ion: 45 Resp: 1673009

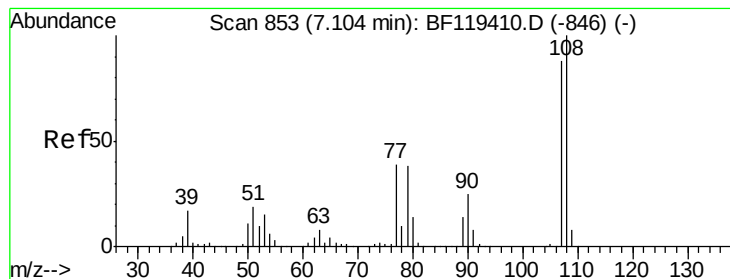
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.7

79 8.1 0.0 28.2

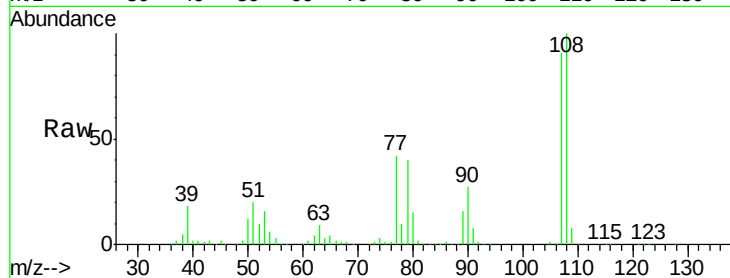




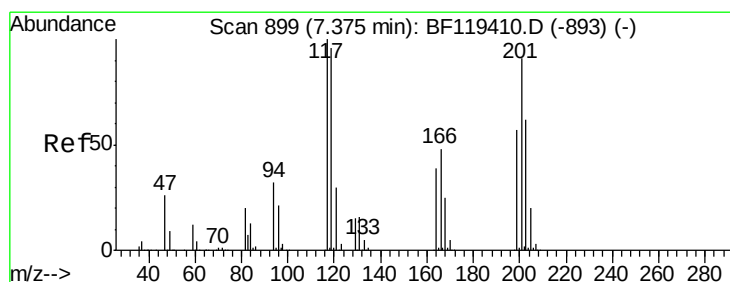
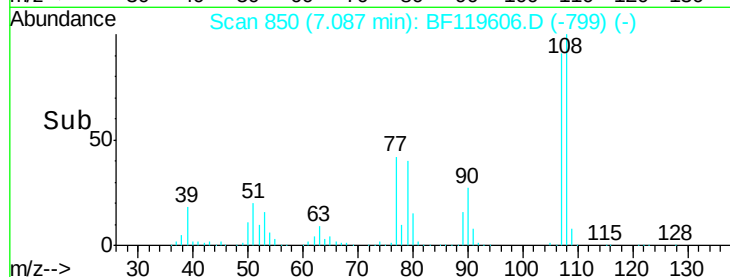
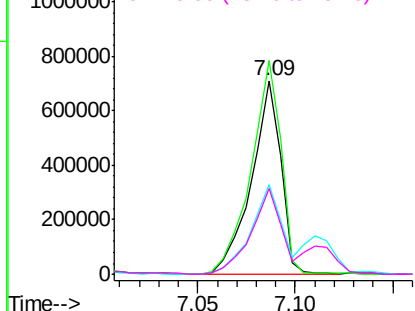
#17
2-Methylphenol
Concen: 47.59 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tgt Ion:	107	Resp:	735922
Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.2	138.4
77	46.5	36.6	54.8
79	44.4	36.2	54.4

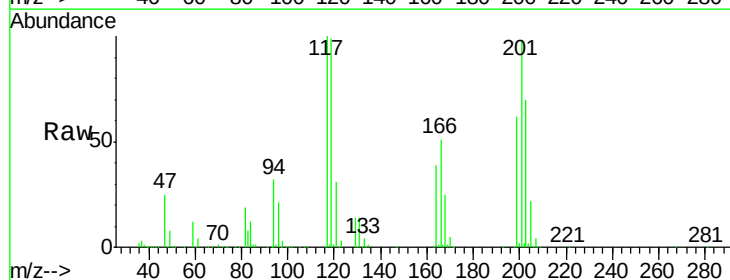


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

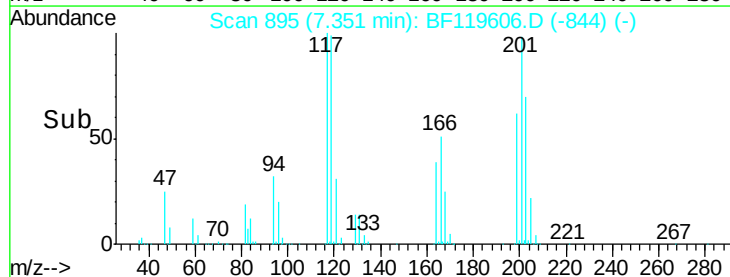
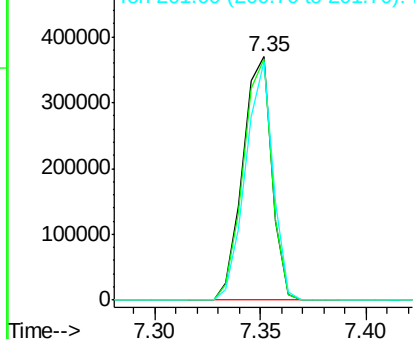


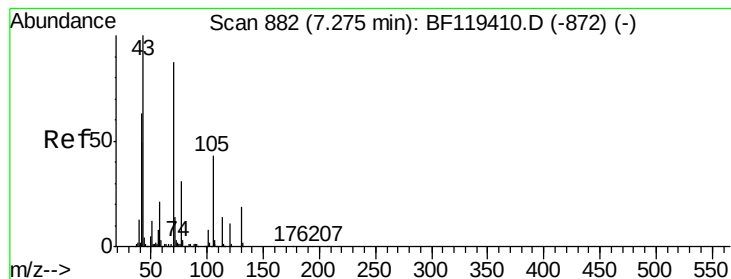
#18
Hexachloroethane
Concen: 52.77 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:	117	Resp:	353338
Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.1	114.1
201	98.1	73.0	109.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 50.17 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tgt Ion: 70 Resp: 620653

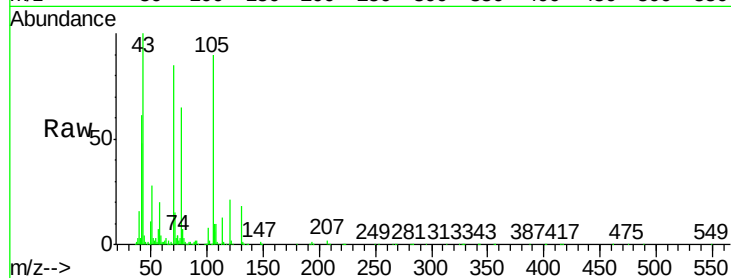
Ion Ratio Lower Upper

70 100

42 71.6 54.5 81.7

101 9.6 7.6 11.4

130 21.2 17.6 26.4

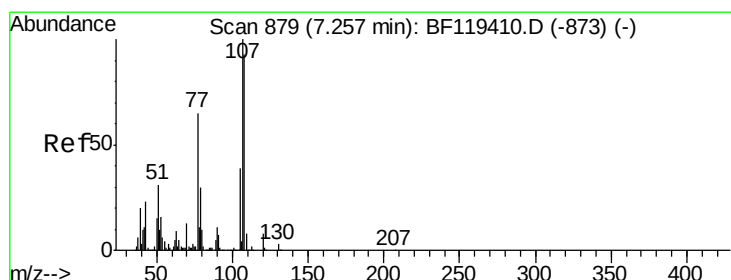
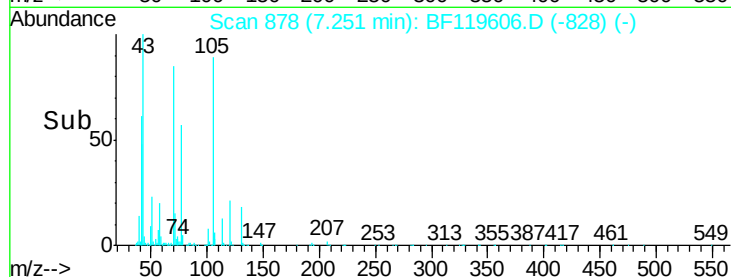
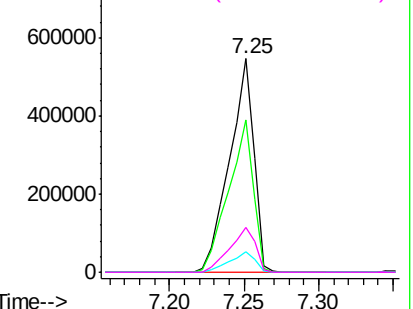


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 47.37 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Tgt Ion: 107 Resp: 897559

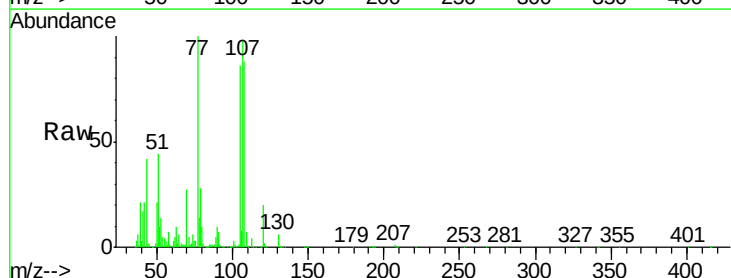
Ion Ratio Lower Upper

107 100

108 89.7 67.9 107.9

77 102.4 52.9 92.9#

79 28.9 7.7 47.7

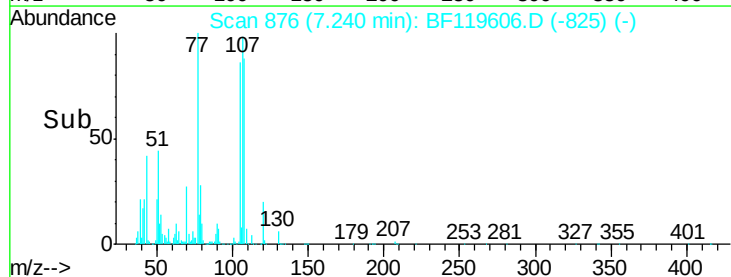
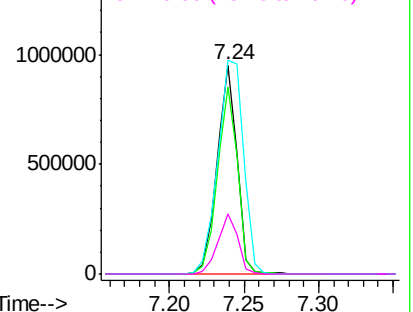


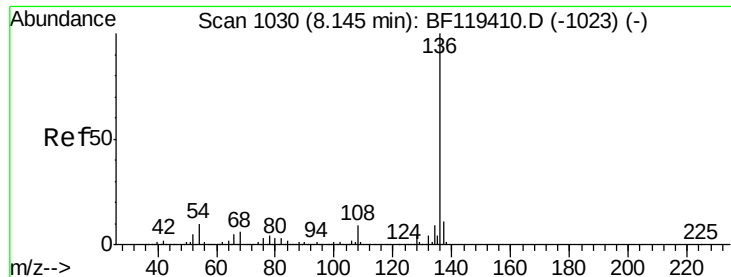
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

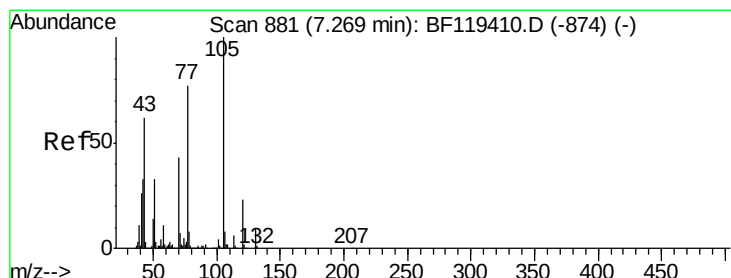
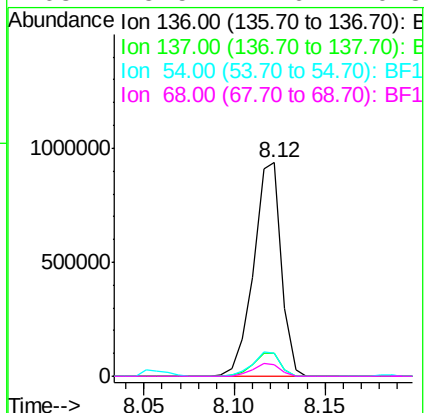
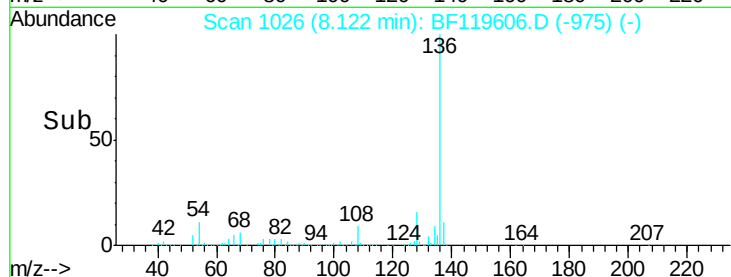
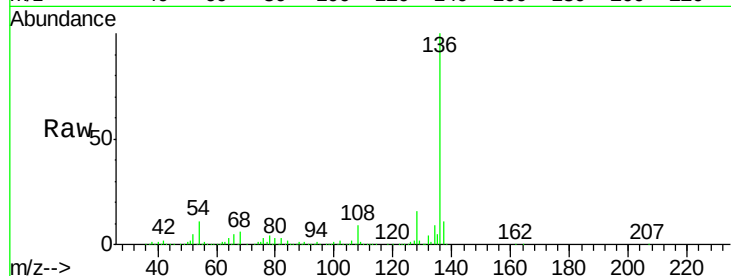




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

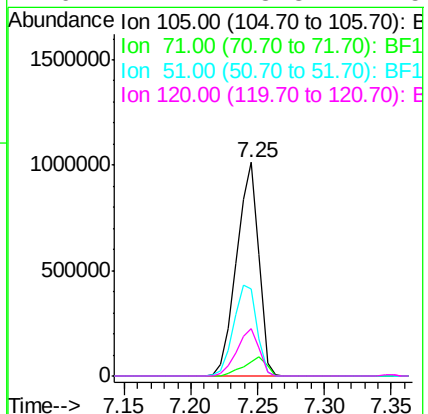
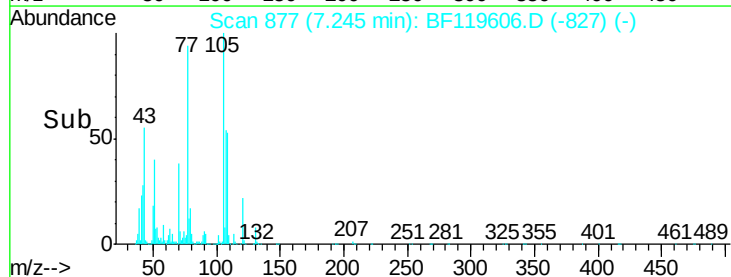
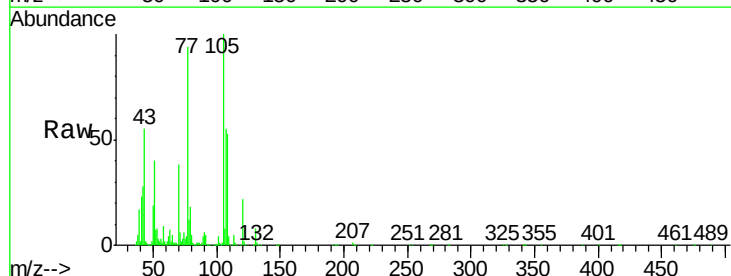
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

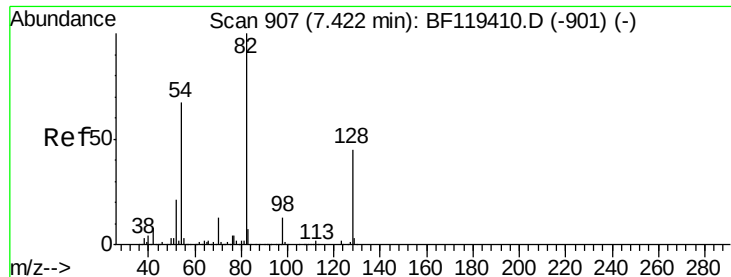
Tgt Ion:	136	Resp:	991085
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.6	9.1	13.7
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 49.40 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:	105	Resp:	1169979
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.7	8.5
51	40.5	26.2	39.4
120	22.2	18.3	27.5

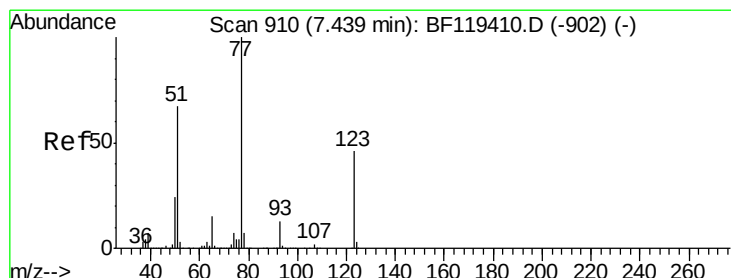
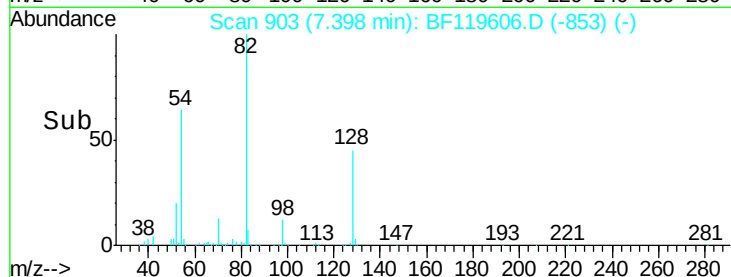
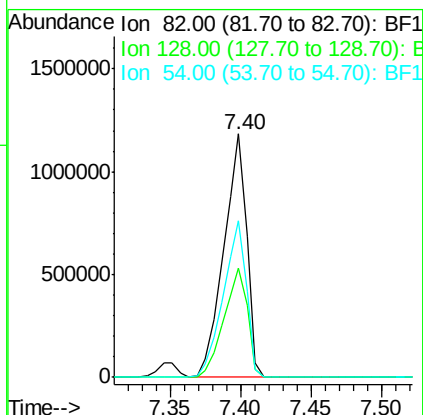
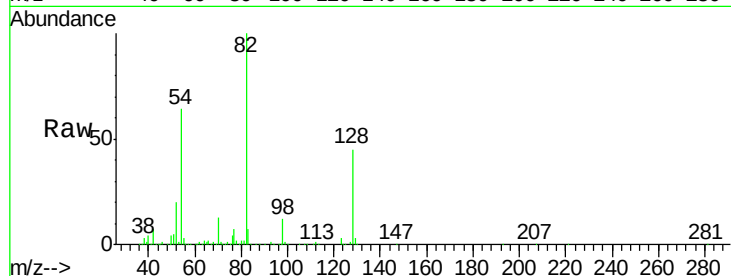




#23
 Nitrobenzene-d5
 Concen: 72.85 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

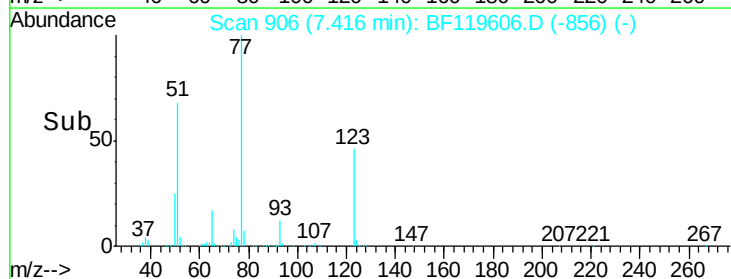
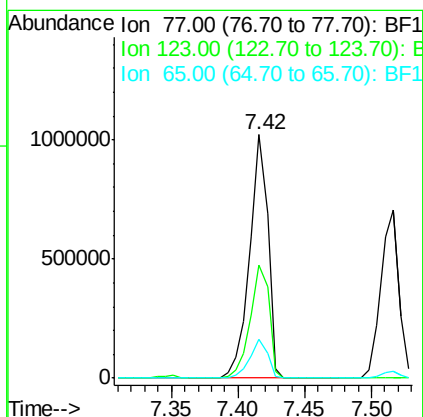
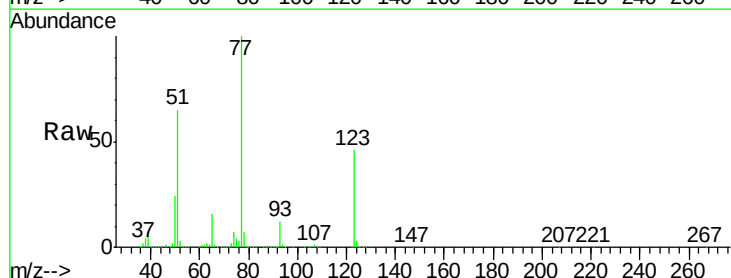
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

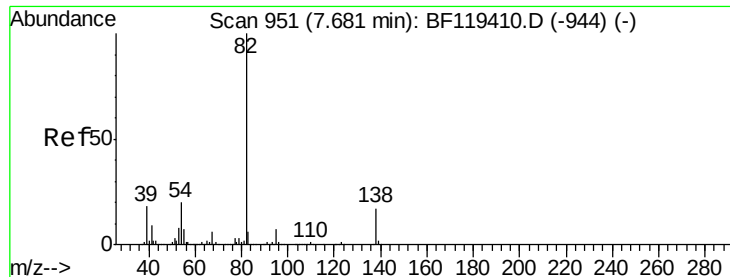
Tgt Ion: 82 Resp: 1328541
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.3 54.5
 54 64.2 50.6 75.8



#24
 Nitrobenzene
 Concen: 48.79 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion: 77 Resp: 950761
 Ion Ratio Lower Upper
 77 100
 123 46.5 38.0 57.0
 65 16.1 12.6 18.8





#25

Isophorone

Concen: 46.94 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

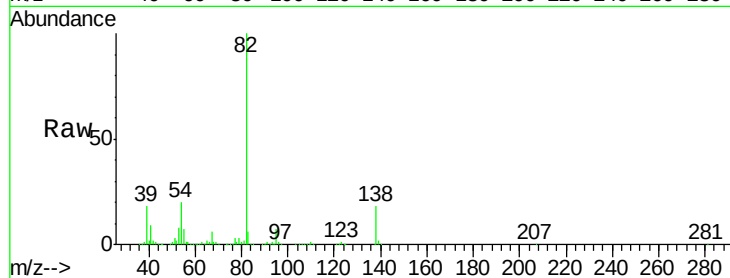
Tgt Ion: 82 Resp: 1736544

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

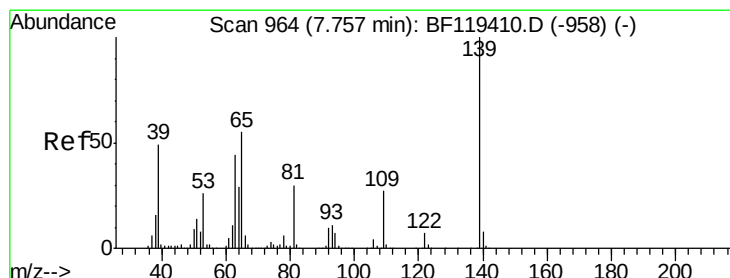
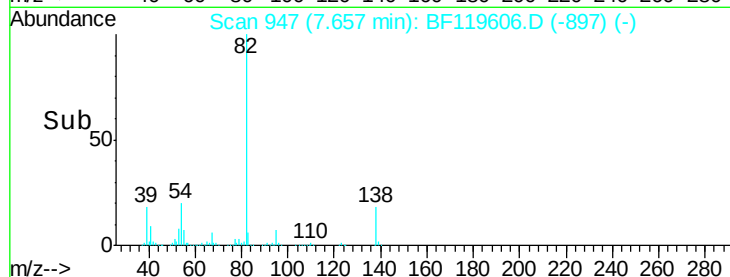
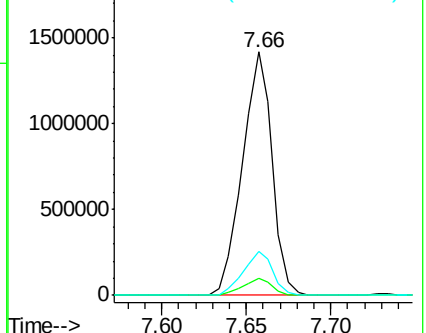
138 18.0 14.6 21.8



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: 61.70 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

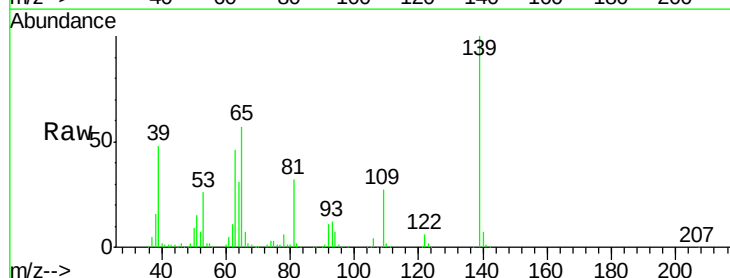
Tgt Ion: 139 Resp: 473474

Ion Ratio Lower Upper

139 100

109 27.1 22.1 33.1

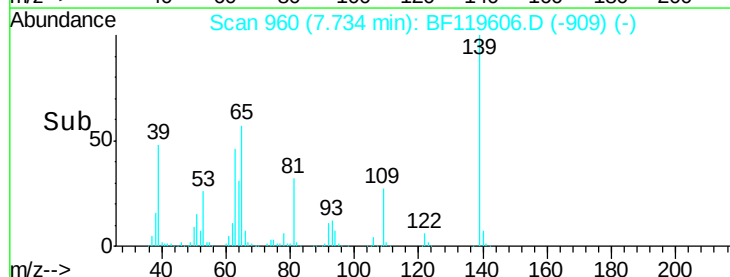
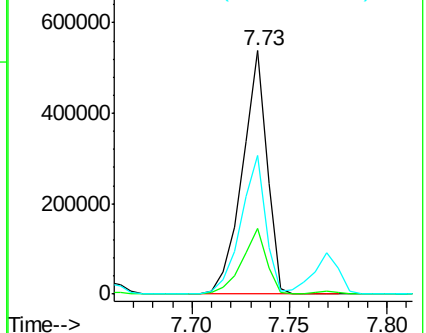
65 57.2 49.2 73.8

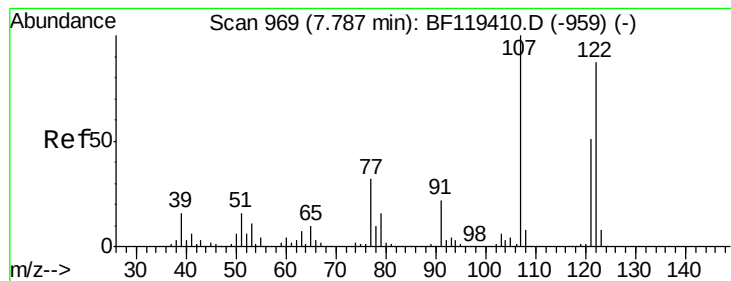


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.98 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

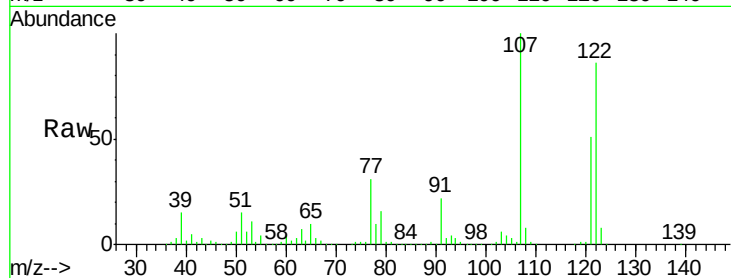
Tgt Ion: 122 Resp: 824736

Ion Ratio Lower Upper

122 100

107 115.8 89.0 133.6

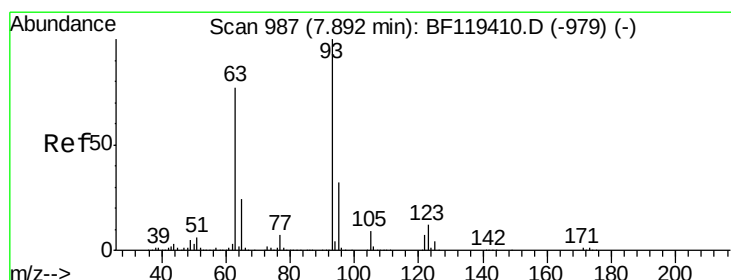
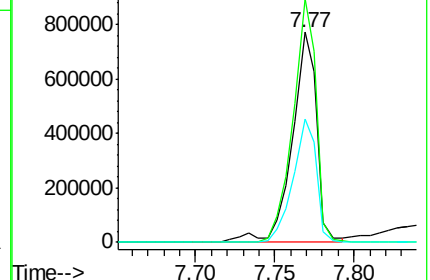
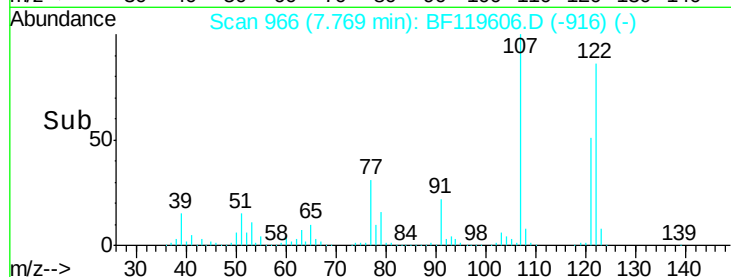
121 58.6 46.7 70.1



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: 51.50 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

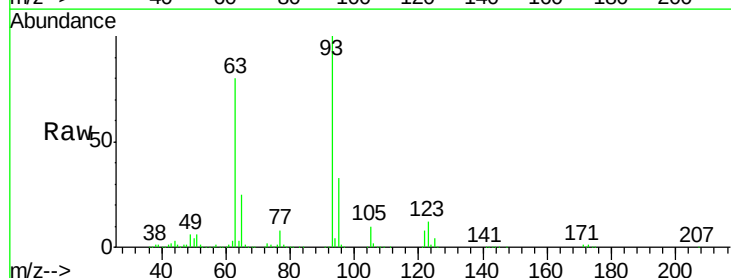
Tgt Ion: 93 Resp: 1126507

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

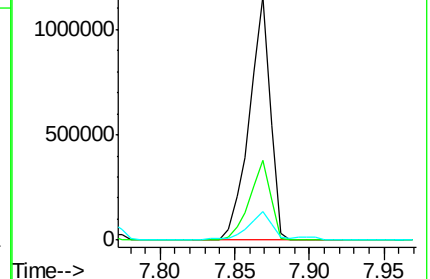
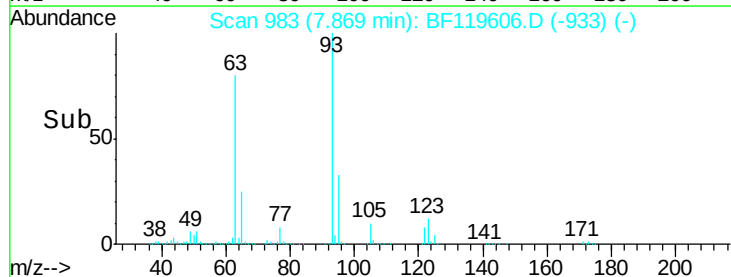
123 11.6 9.7 14.5

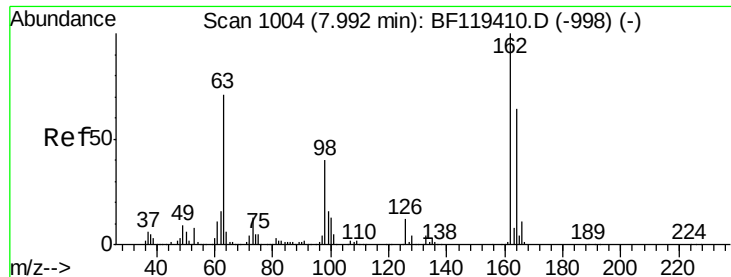


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.61 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

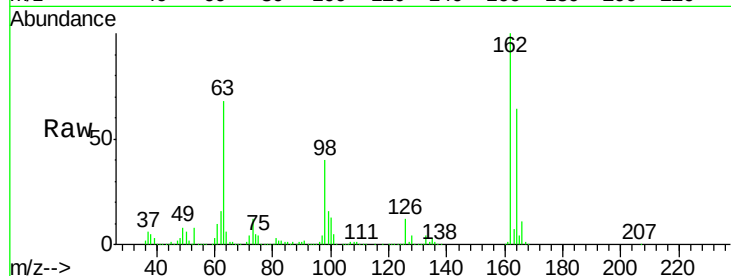
Tgt Ion:162 Resp: 752471

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

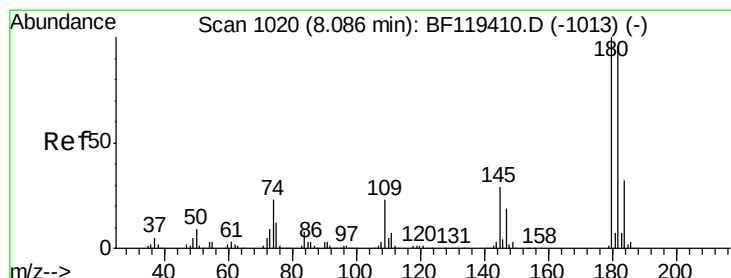
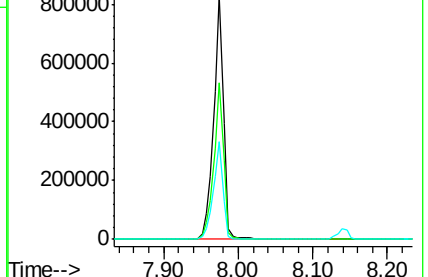
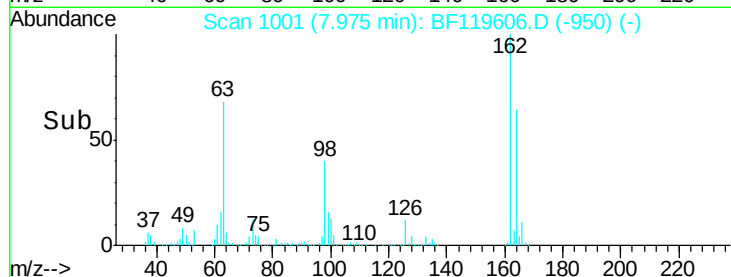
98 40.1 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 49.88 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

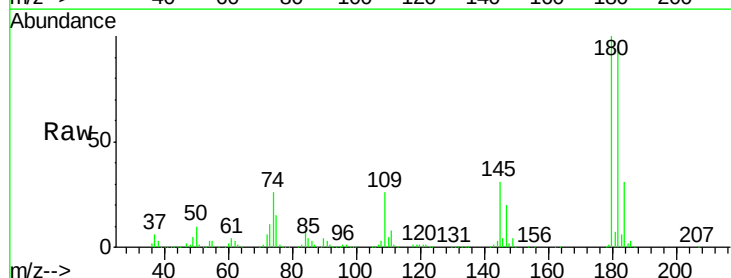
Tgt Ion:180 Resp: 804190

Ion Ratio Lower Upper

180 100

182 94.6 74.7 112.1

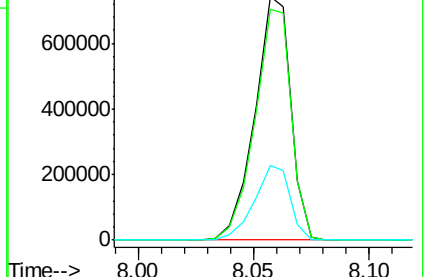
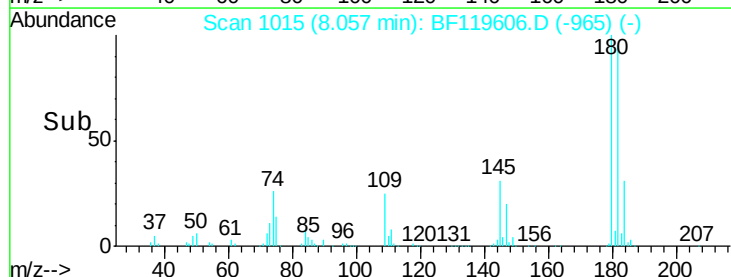
145 30.8 24.5 36.7

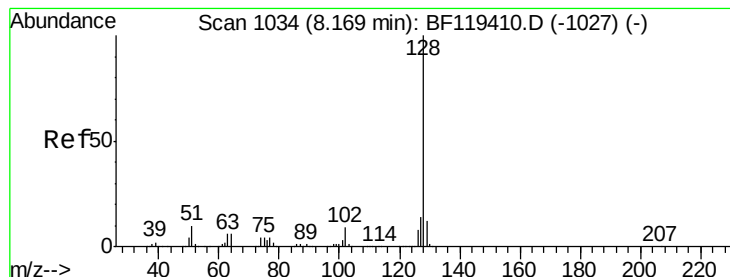


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.73 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

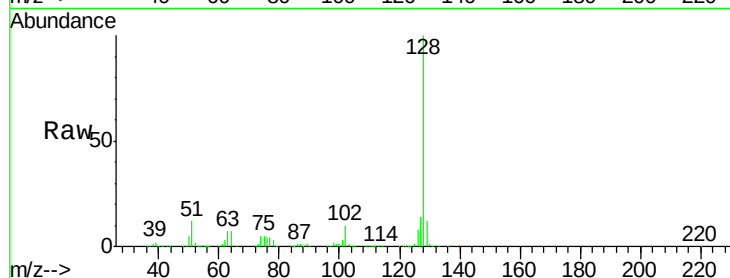
Tgt Ion:128 Resp: 2485499

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

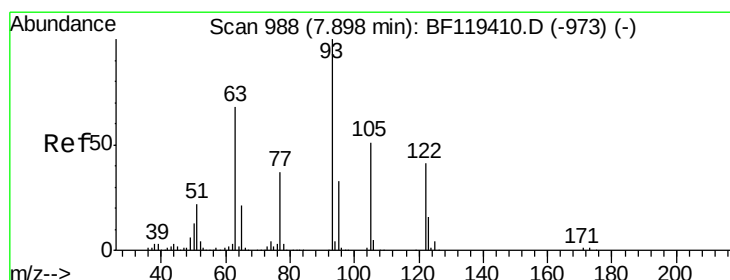
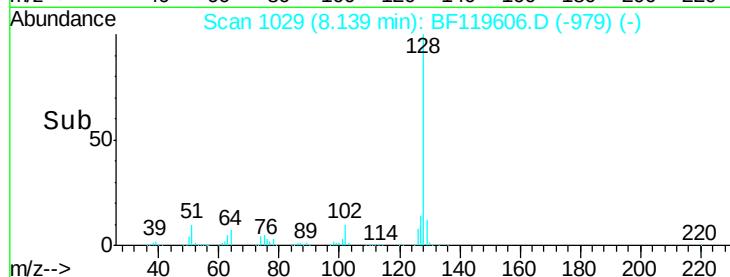
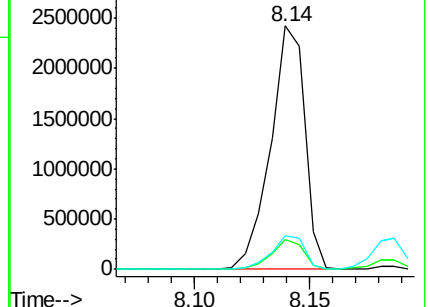
127 13.9 11.3 16.9



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: 58.36 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

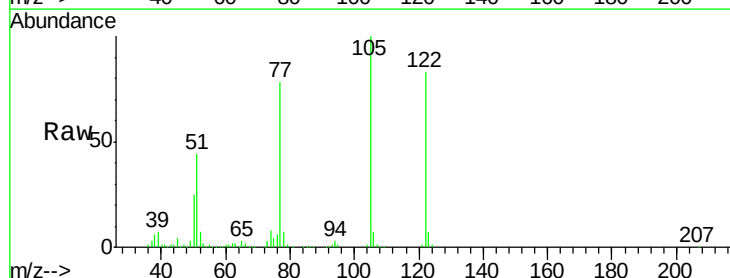
Tgt Ion:122 Resp: 595604

Ion Ratio Lower Upper

122 100

105 121.1 104.9 144.9

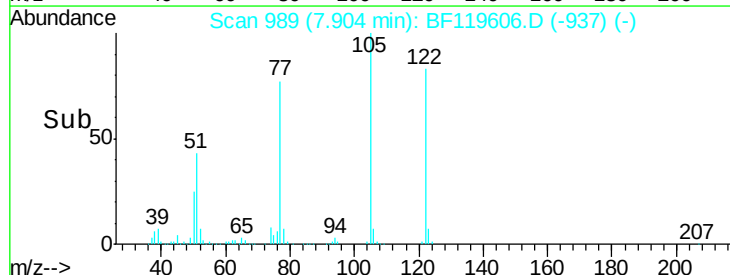
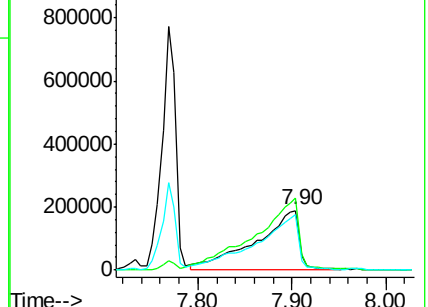
77 94.0 74.4 114.4

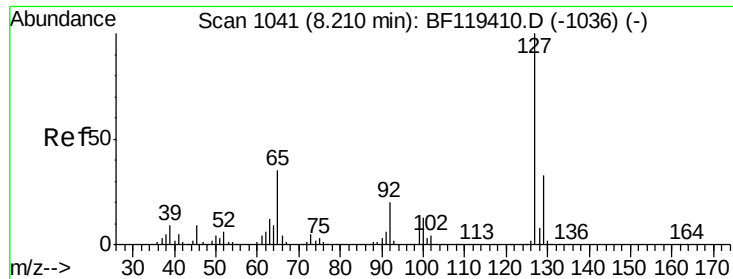


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

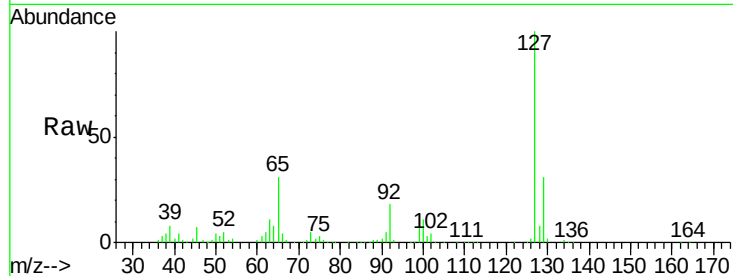




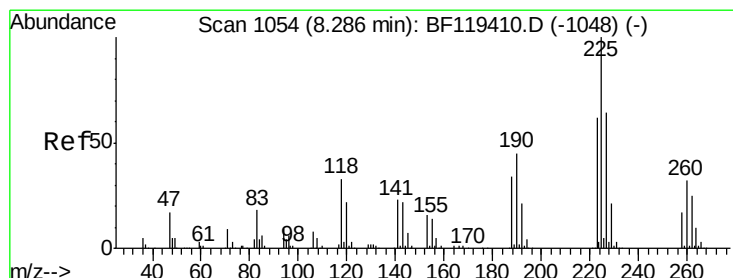
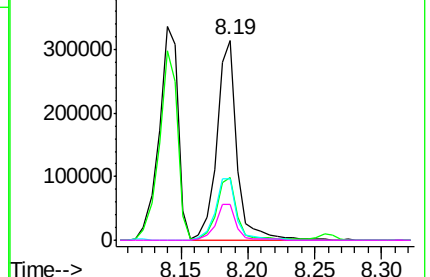
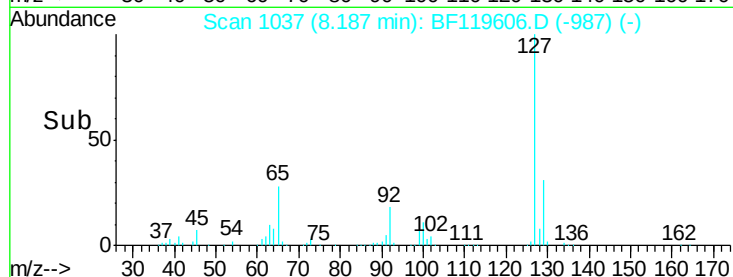
#33
4-Chloroaniline
Concen: 14.19 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tgt Ion:	127	Resp:	331649
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	30.6	27.4	41.0
92	18.2	15.3	22.9

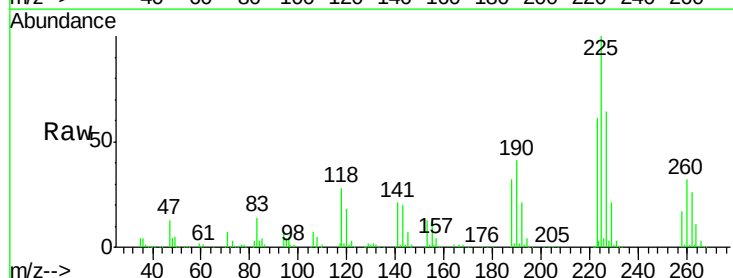


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

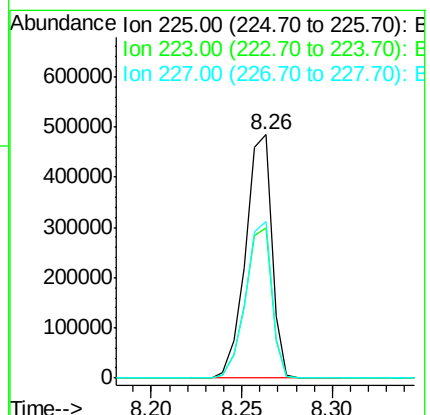
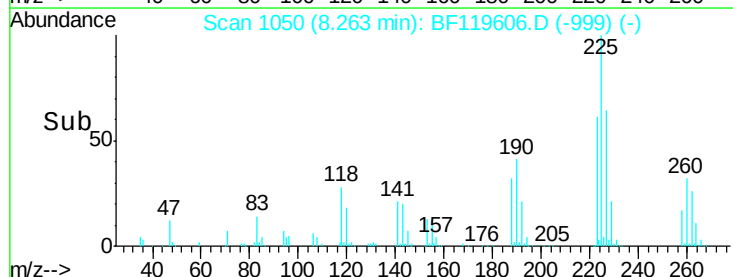


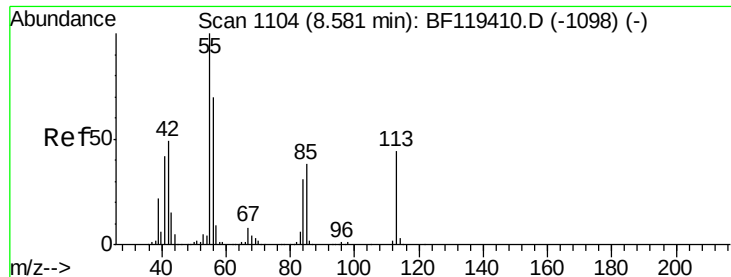
#34
Hexachlorobutadiene
Concen: 54.06 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:	225	Resp:	487672
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	64.1	50.7	76.1



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

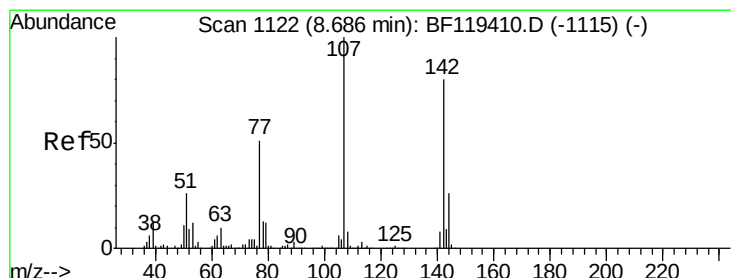
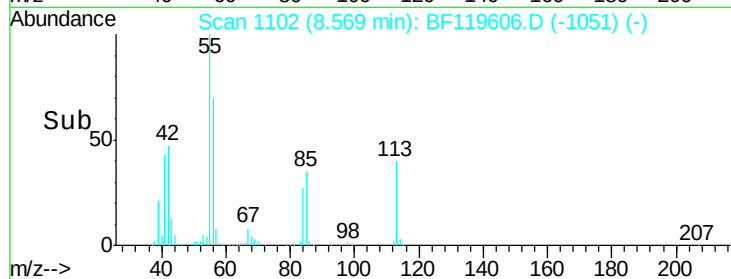
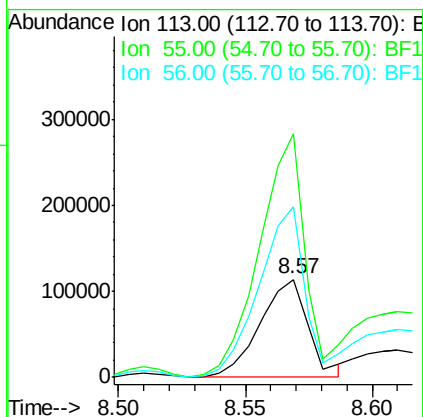
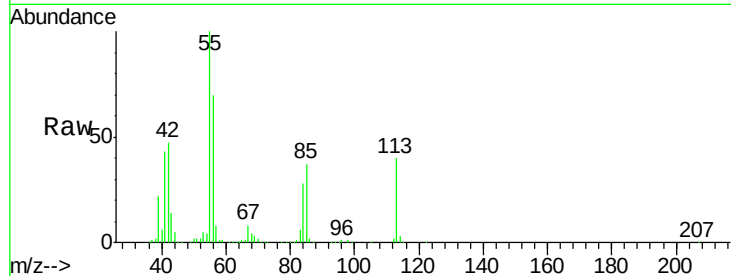




#35
 Caprolactam
 Concen: 31.28 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

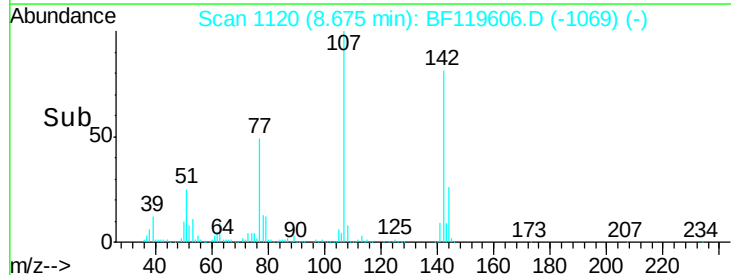
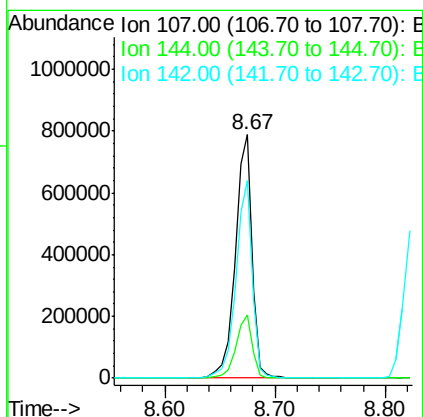
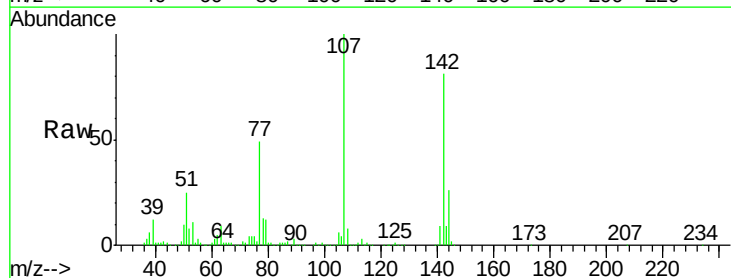
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

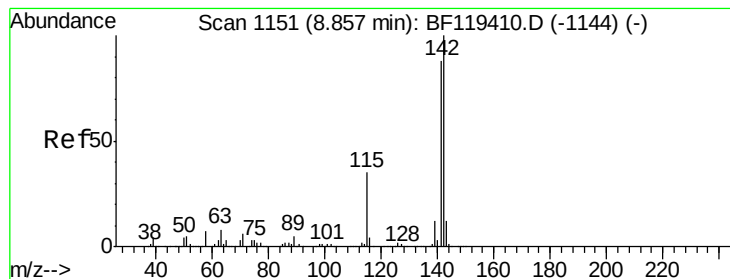
Tgt Ion:113 Resp: 149243
 Ion Ratio Lower Upper
 113 100
 55 248.7 218.4 258.4
 56 174.5 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.70 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:107 Resp: 839778
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 81.2 64.4 96.6





#37

2-Methylnaphthalene

Concen: 52.25 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

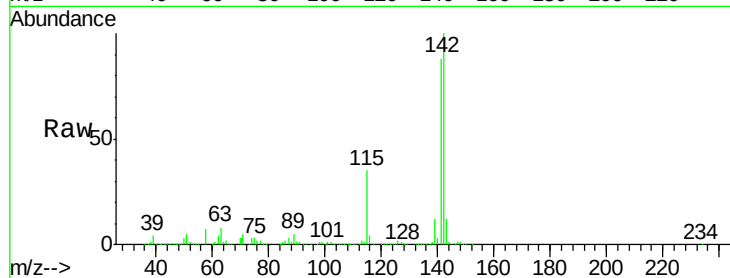
Tgt Ion:142 Resp: 1748839

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

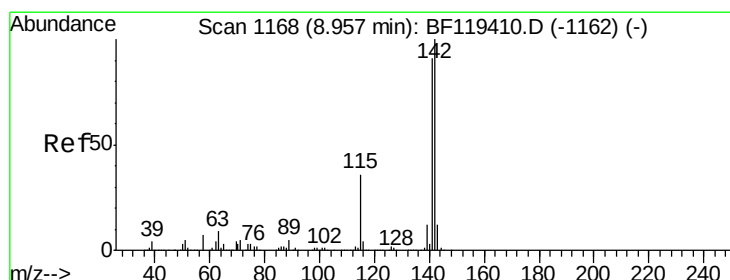
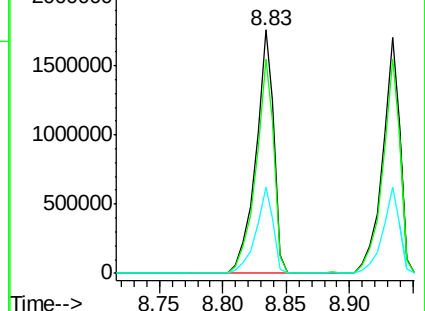
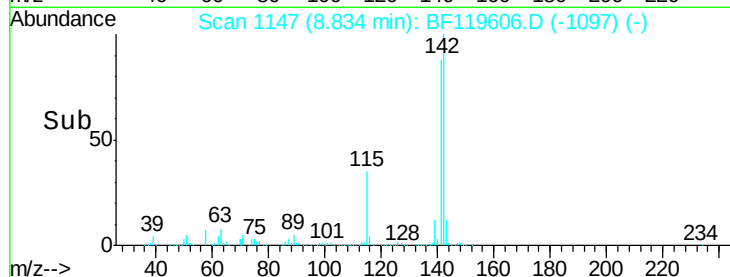
115 35.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.82 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

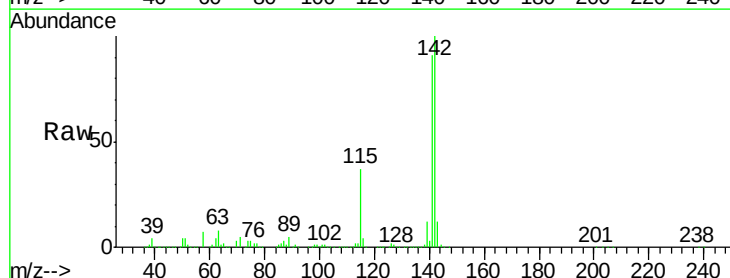
Tgt Ion:142 Resp: 1641914

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

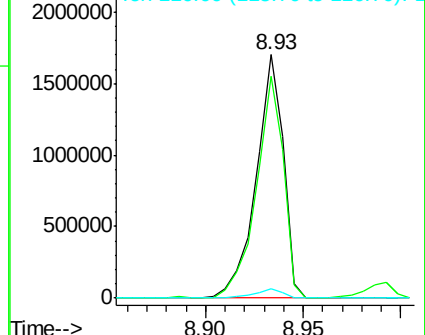
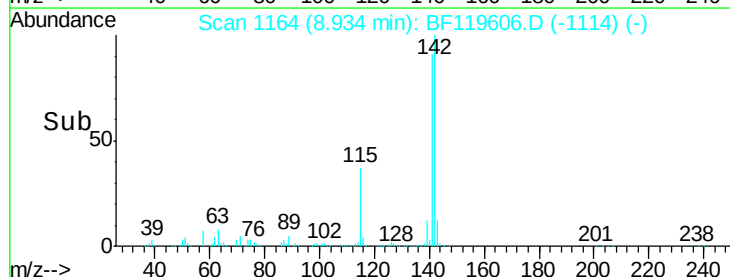
116 4.0 3.0 4.6

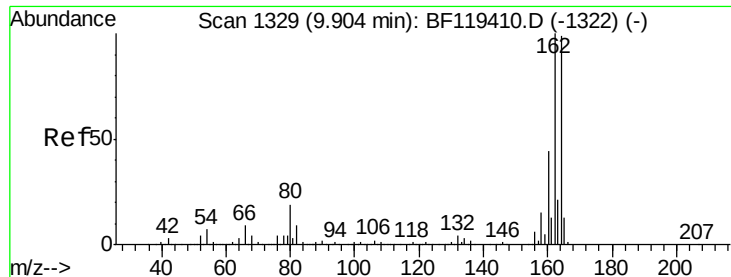


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

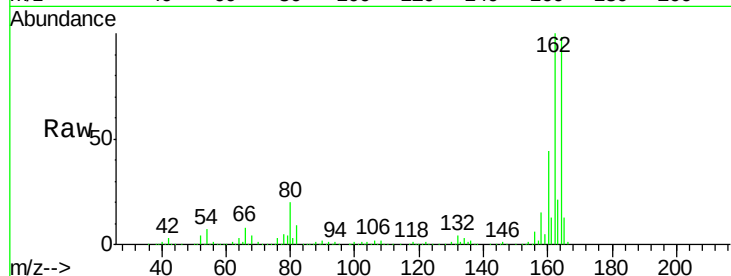




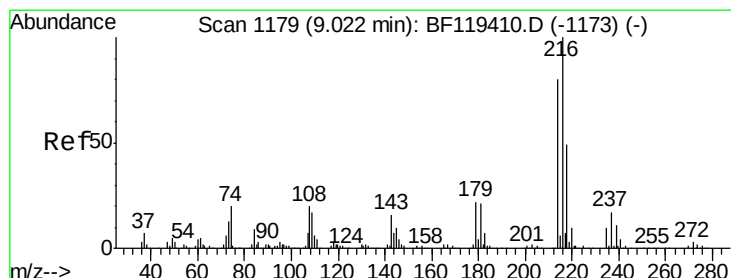
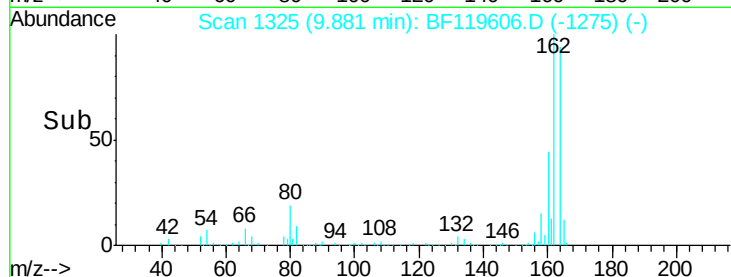
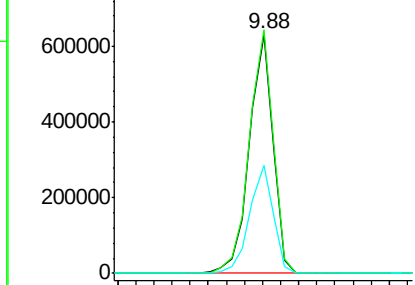
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tgt Ion:164 Resp: 570218
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 121.0
 160 45.2 35.7 53.5

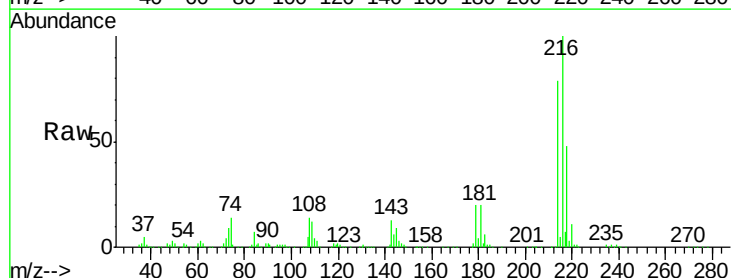


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

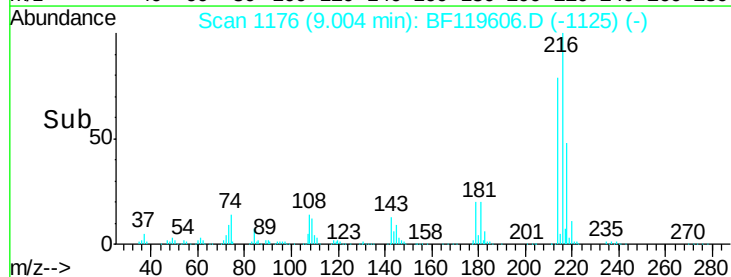
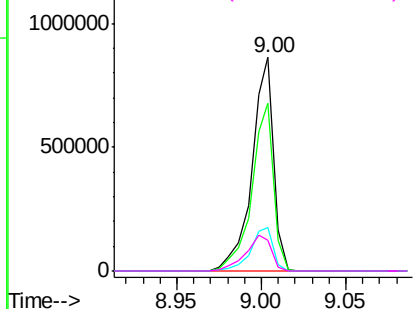


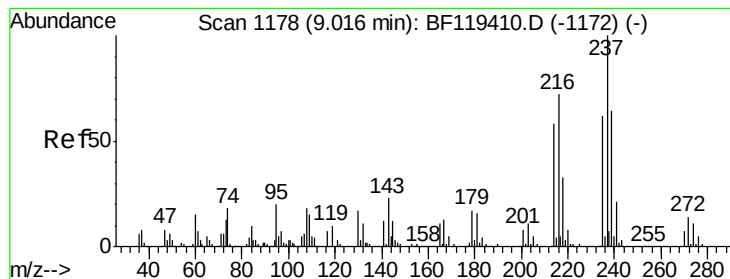
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.34 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:216 Resp: 774485
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.2 94.8
 179 21.2 17.1 25.7
 108 20.2 15.1 22.7



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: 87.88 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

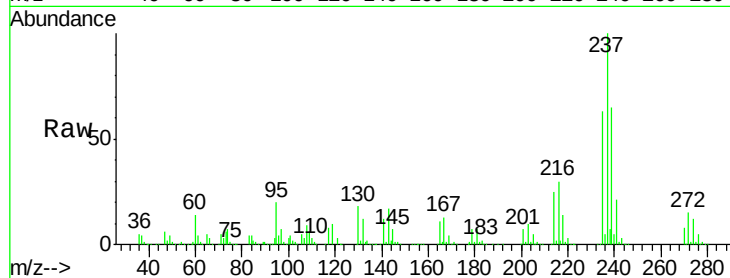
Tgt Ion: 237 Resp: 835026

Ion Ratio Lower Upper

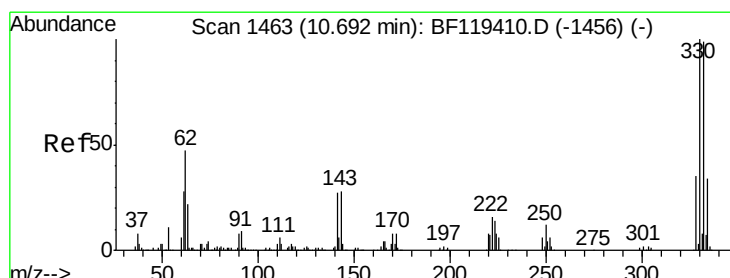
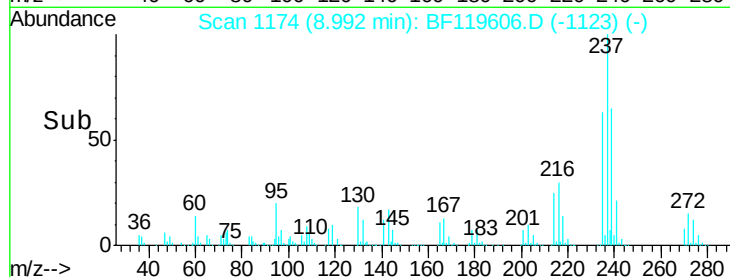
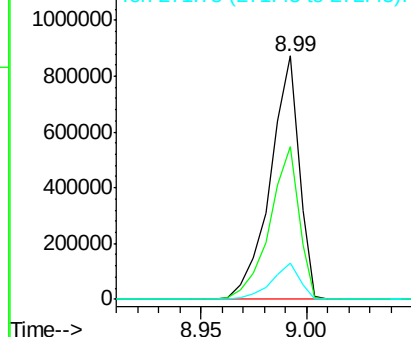
237 100

235 62.8 43.2 83.2

272 14.8 0.0 34.1



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: 103.44 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

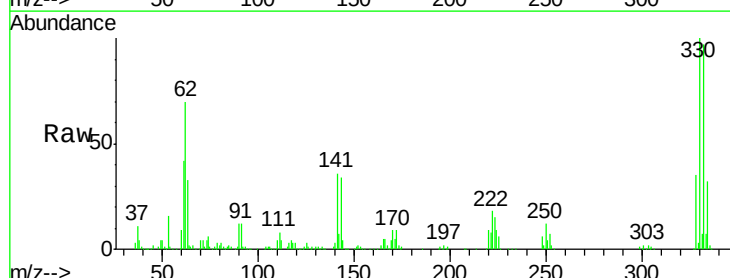
Tgt Ion: 330 Resp: 608506

Ion Ratio Lower Upper

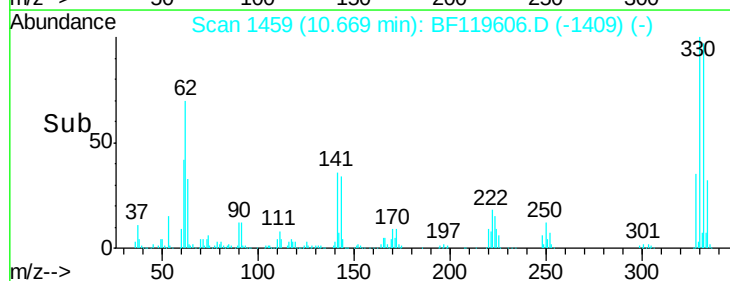
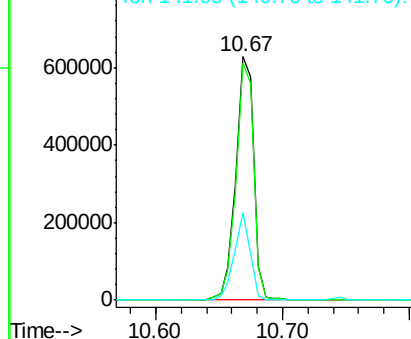
330 100

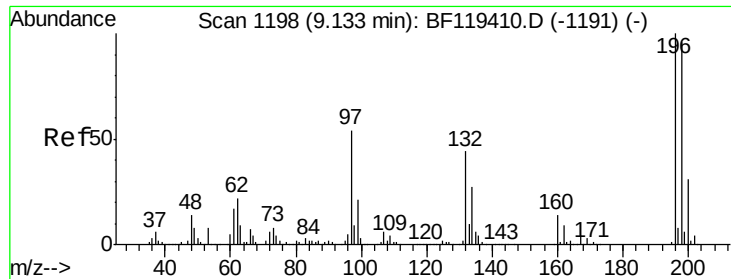
332 96.3 75.7 113.5

141 31.8 25.4 38.0



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

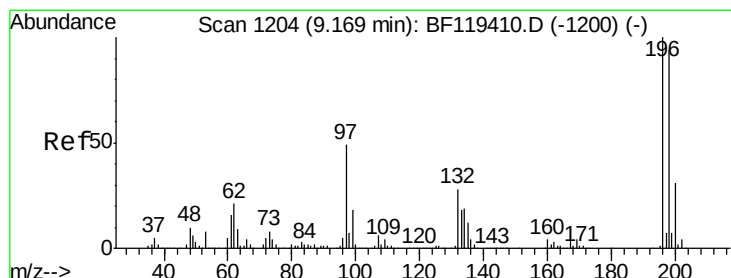
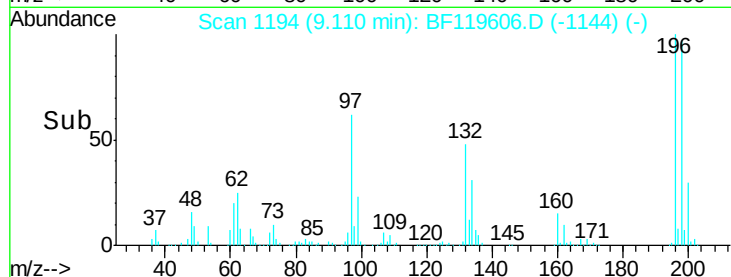
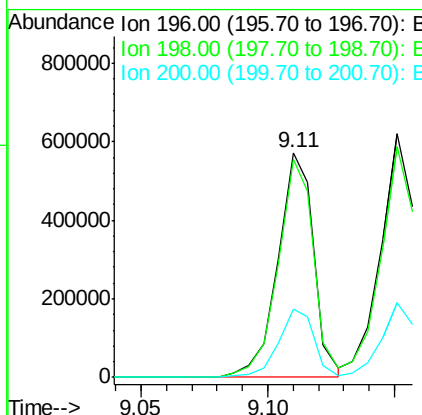
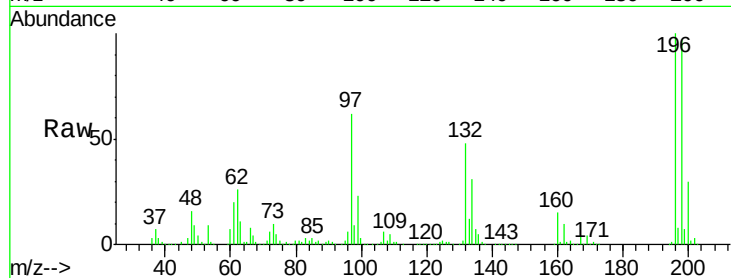




#43
 2,4,6-Trichlorophenol
 Concen: 47.17 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

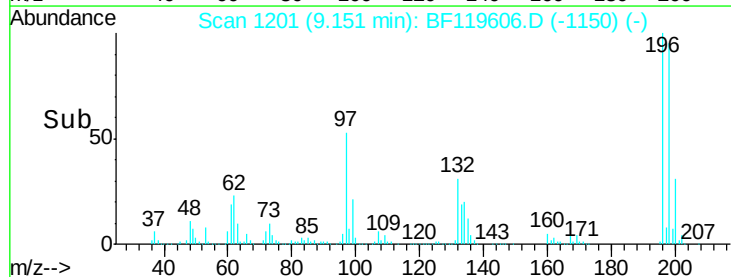
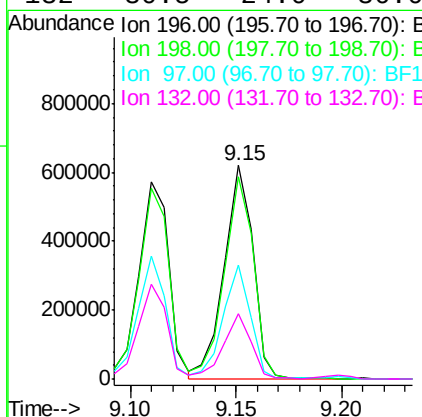
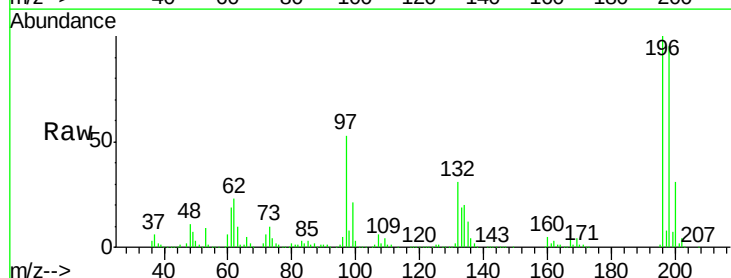
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

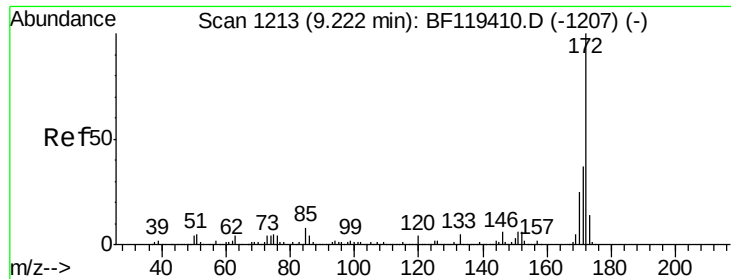
Tgt Ion:	196	Resp:	564231
Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	30.3	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.57 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:	196	Resp:	583770
Ion	Ratio	Lower	Upper
196	100		
198	94.9	73.8	110.8
97	53.4	42.6	63.8
132	30.5	24.0	36.0

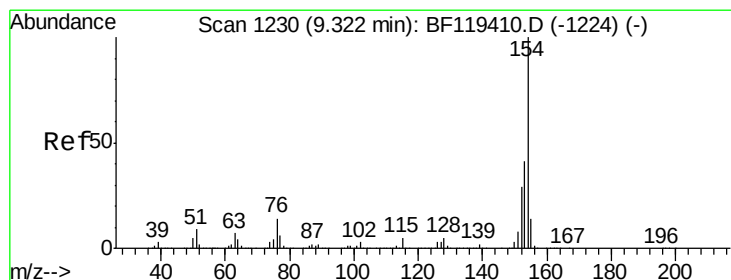
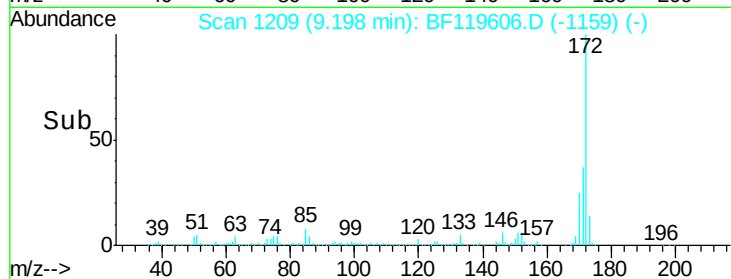
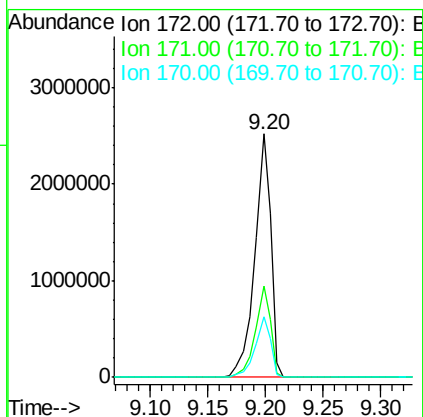
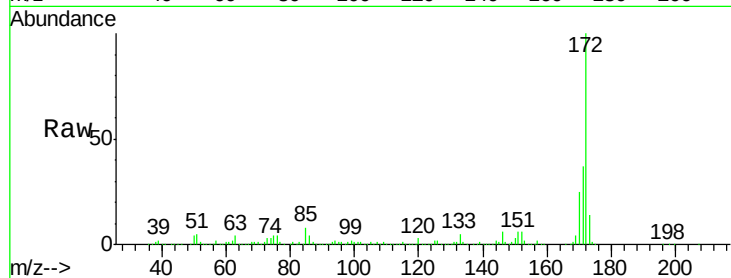




#45
2-Fluorobiphenyl
Concen: 62.81 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

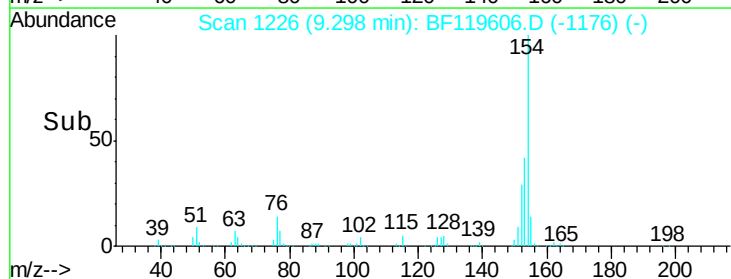
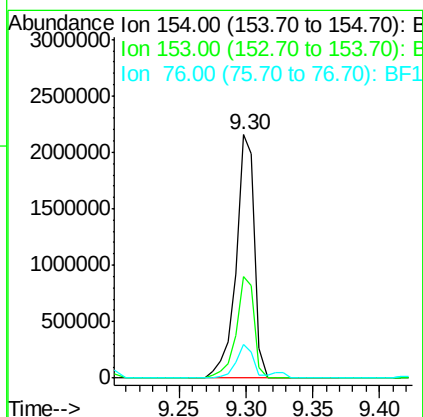
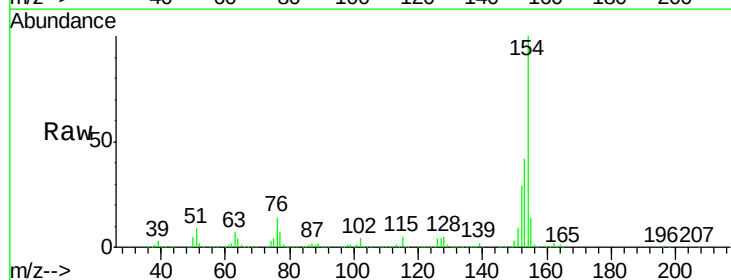
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

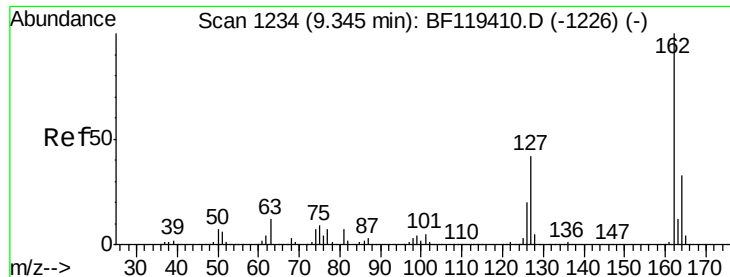
Tgt Ion:172 Resp: 2417560
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.65 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:154 Resp: 2073407
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 13.6 0.0 33.0

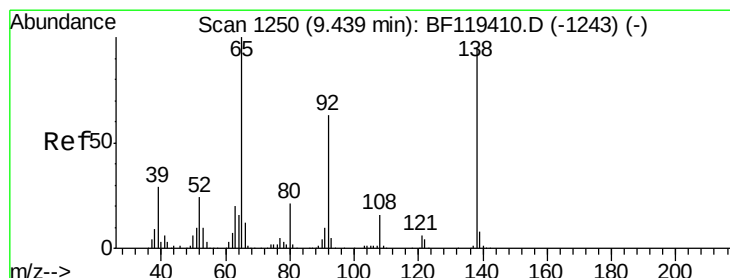
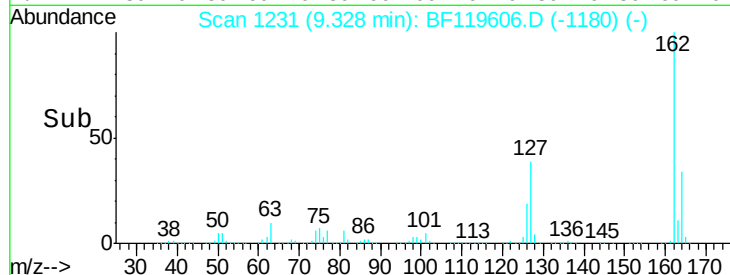
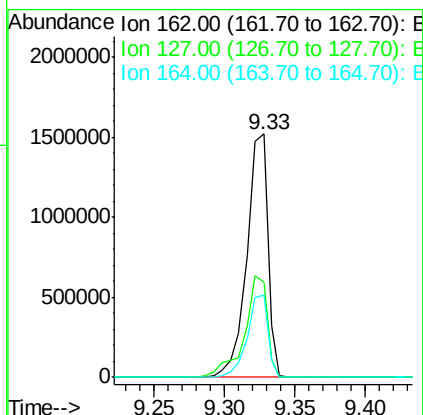
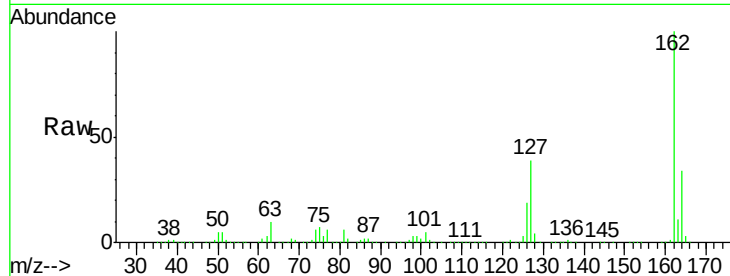




#47
 2-Chloronaphthalene
 Concen: 43.95 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

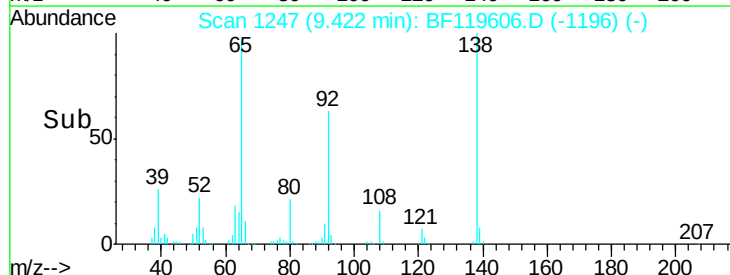
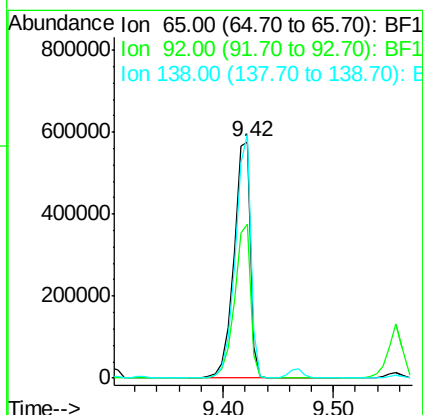
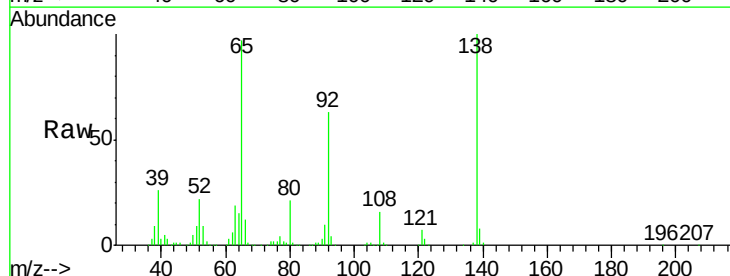
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

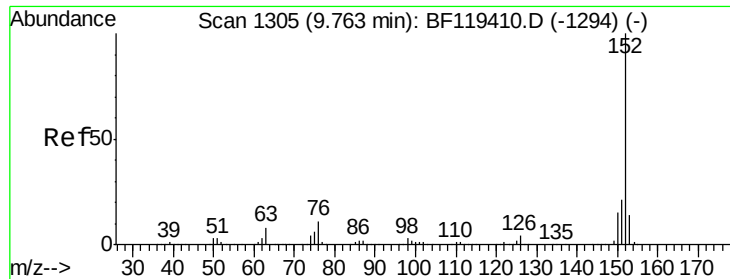
Tgt Ion: 162 Resp: 1598670
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.7 50.5
 164 33.6 26.3 39.5



#48
 2-Nitroaniline
 Concen: 48.14 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion: 65 Resp: 604447
 Ion Ratio Lower Upper
 65 100
 92 65.0 50.0 75.0
 138 103.1 75.0 112.4





#49

Acenaphthylene

Concen: 47.41 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

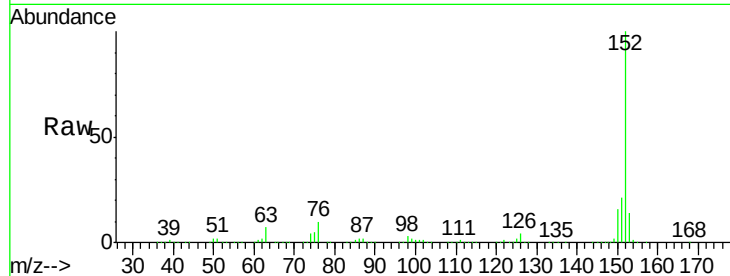
Tgt Ion:152 Resp: 2708107

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

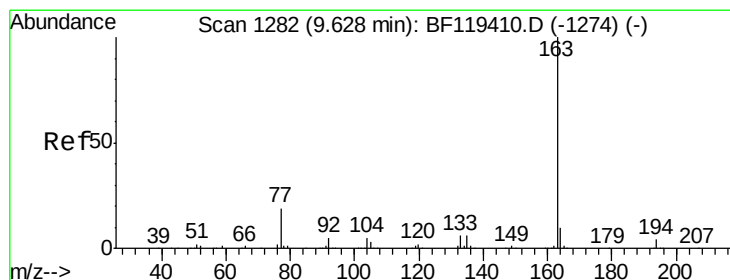
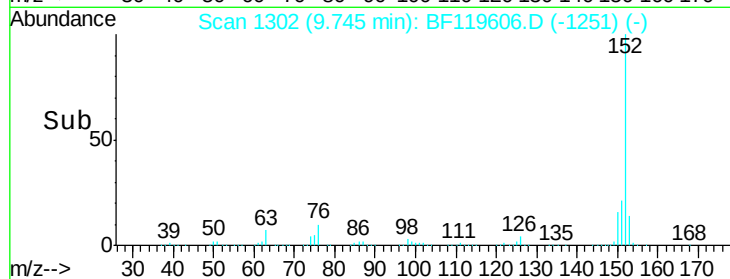
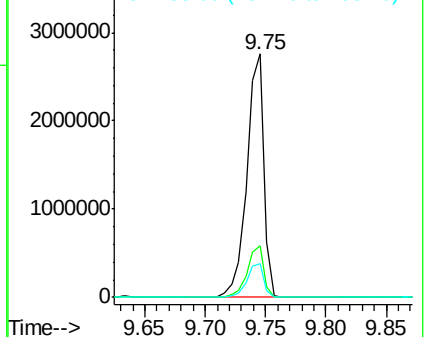
153 13.8 11.2 16.8



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: 55.16 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

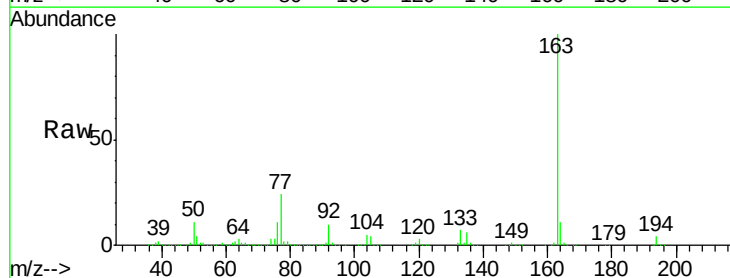
Tgt Ion:163 Resp: 2234242

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

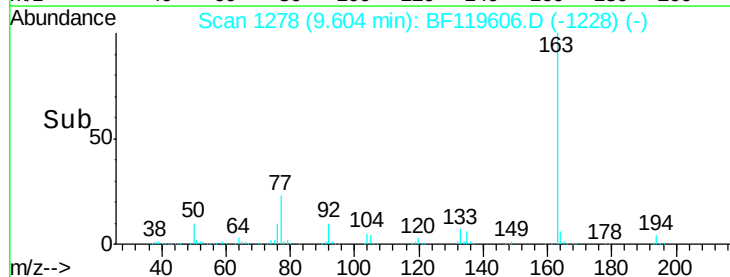
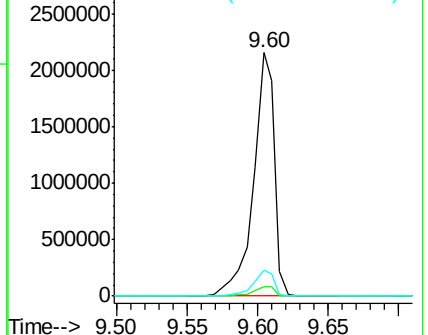
164 10.6 8.2 12.2

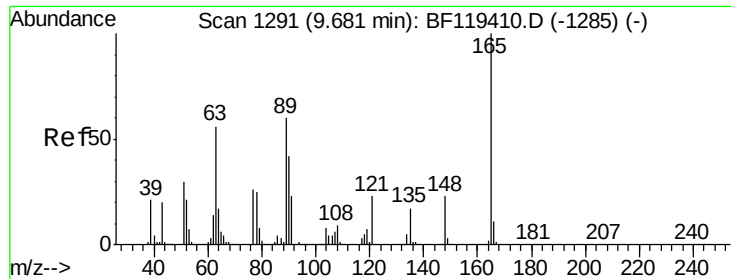


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

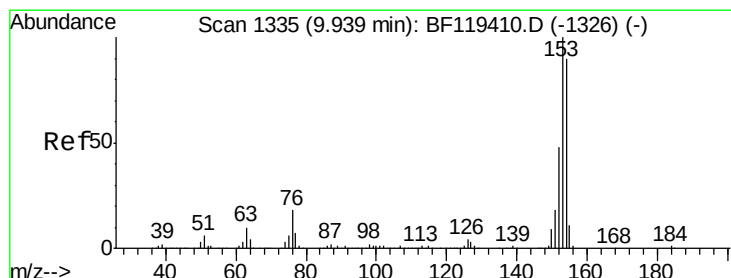
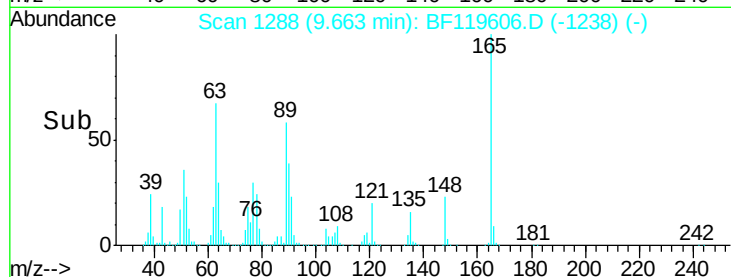
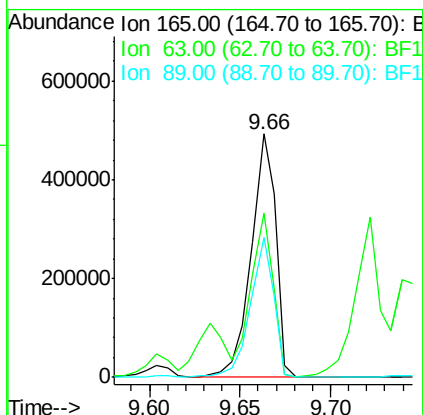
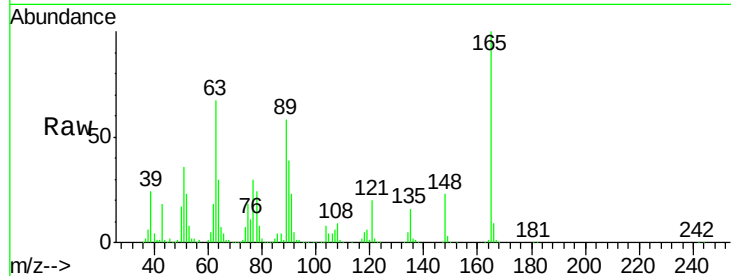




#51
 2,6-Dinitrotoluene
 Concen: 53.61 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

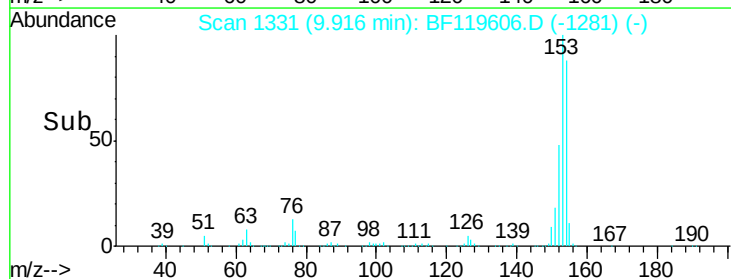
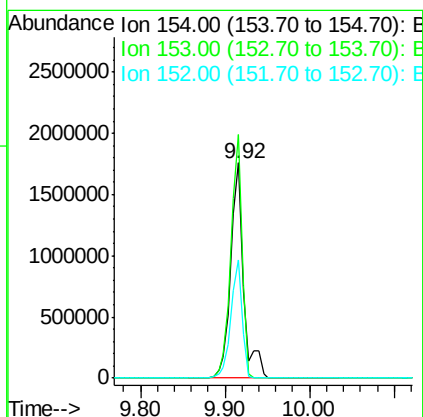
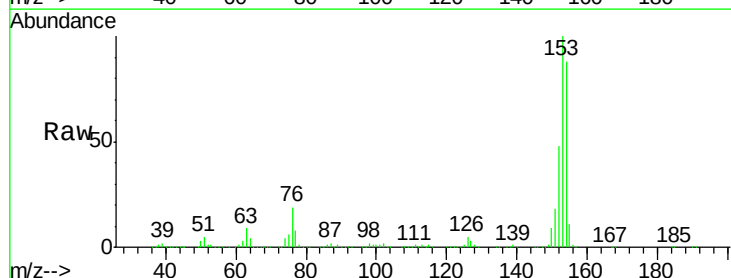
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

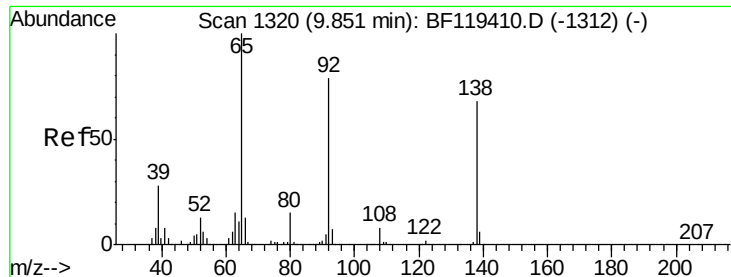
Tgt Ion:165 Resp: 465431
 Ion Ratio Lower Upper
 165 100
 63 67.4 45.0 67.4
 89 57.5 41.5 62.3



#52
 Acenaphthene
 Concen: 51.75 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:154 Resp: 1843153
 Ion Ratio Lower Upper
 154 100
 153 113.2 88.1 132.1
 152 54.9 43.0 64.4

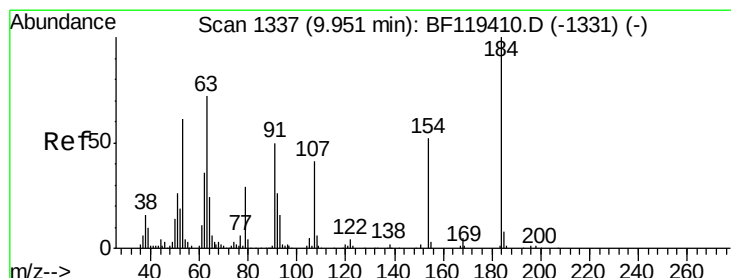
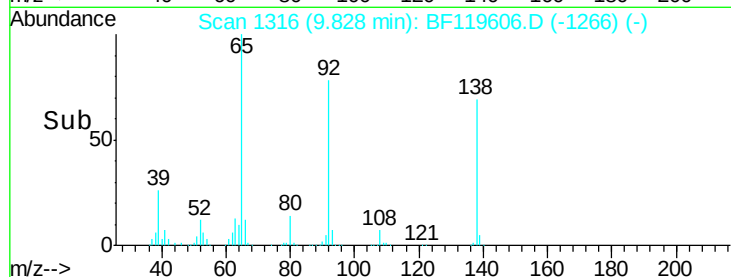
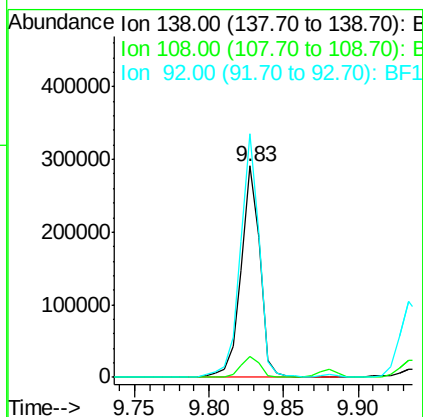
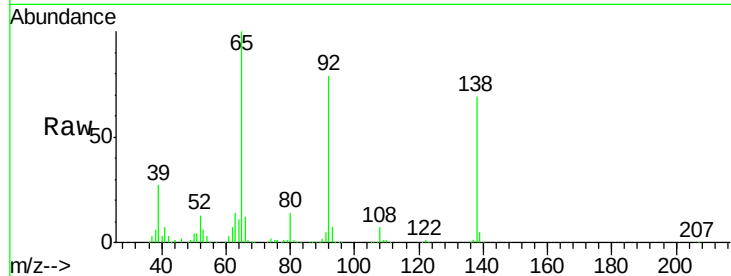




#53
 3-Nitroaniline
 Concen: 23.39 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

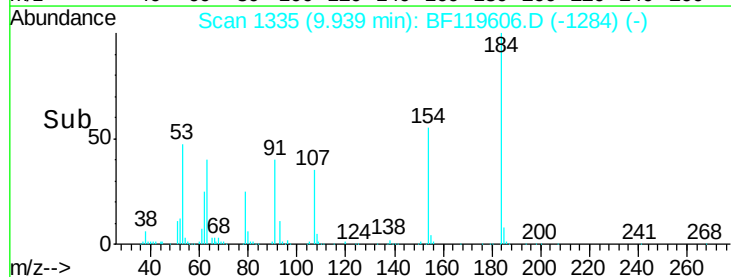
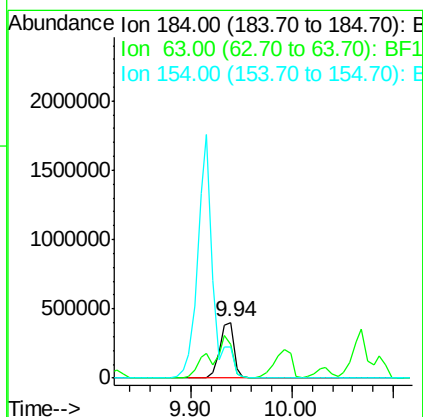
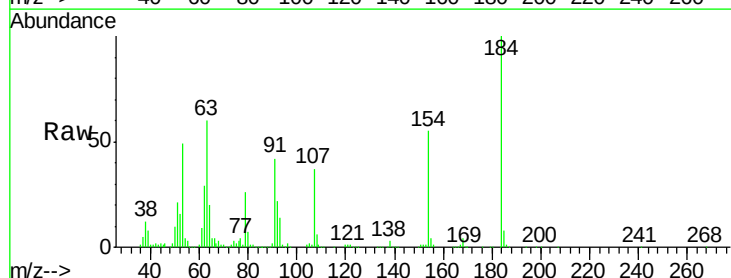
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

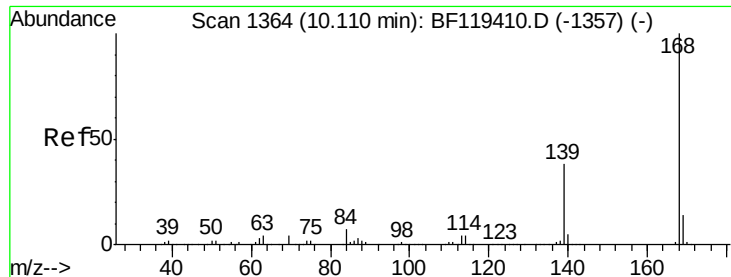
Tgt Ion:138 Resp: 256331
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.6 13.0
 92 115.3 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 102.66 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:184 Resp: 394170
 Ion Ratio Lower Upper
 184 100
 63 59.8 50.2 75.4
 154 55.1 44.5 66.7

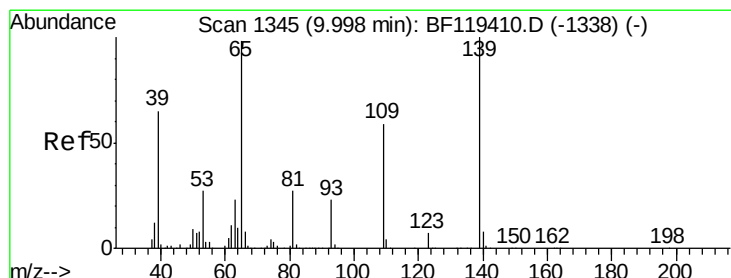
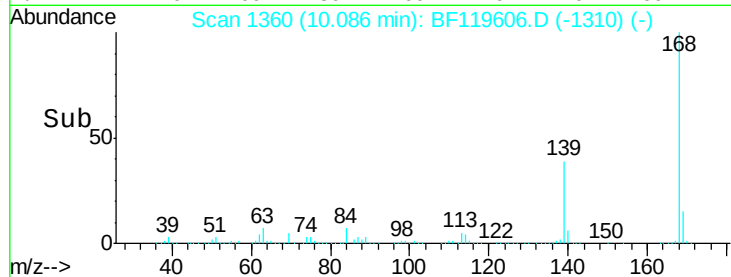
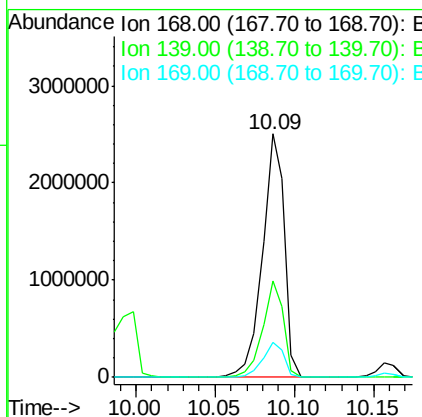
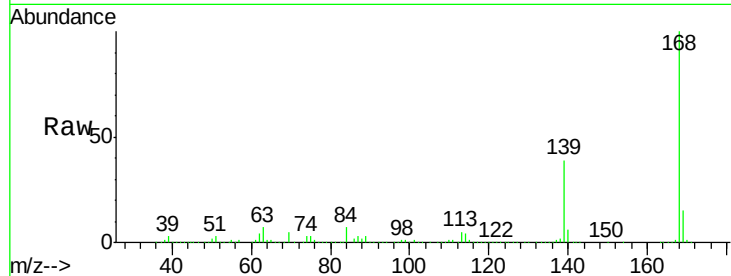




#55
Dibenzenofuran
Concen: 47.31 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

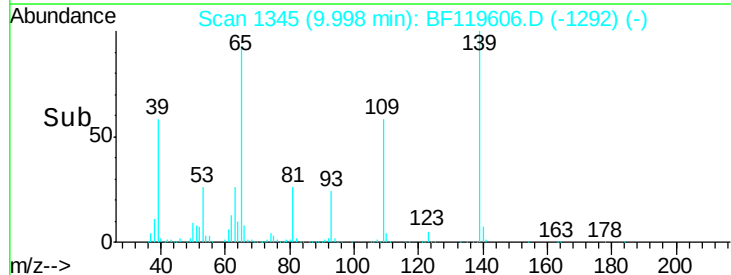
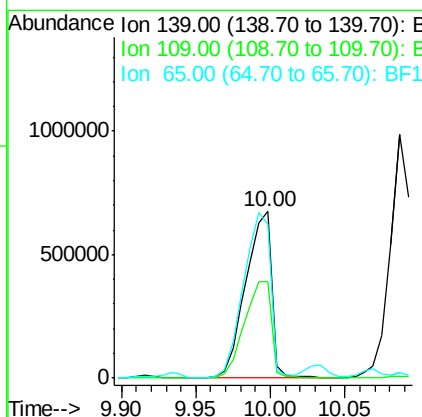
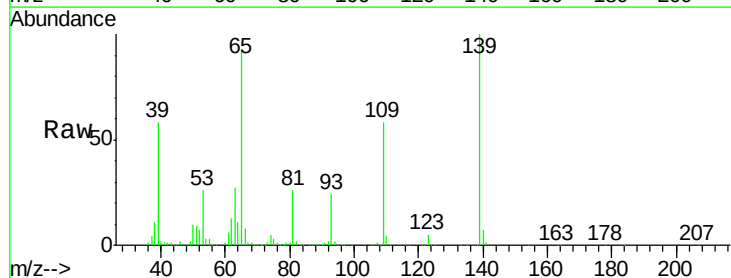
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

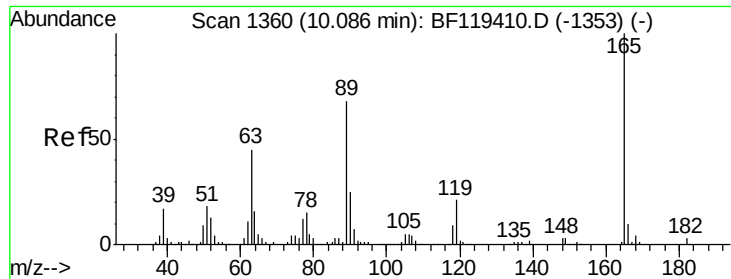
Tgt Ion:168 Resp: 2415455
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 14.6 11.0 16.6



#56
4-Nitrophenol
Concen: 93.98 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:139 Resp: 812535
Ion Ratio Lower Upper
139 100
109 58.0 43.3 83.3
65 92.7 91.0 131.0

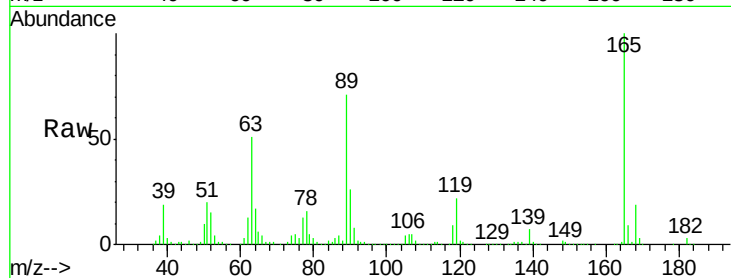




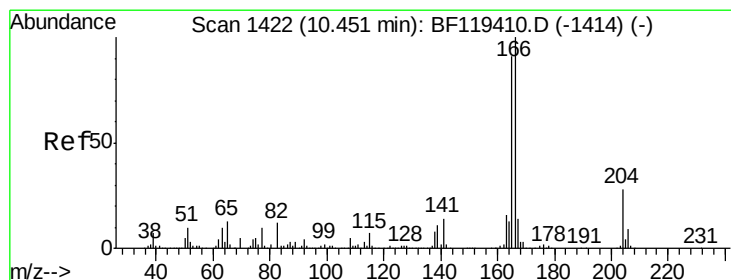
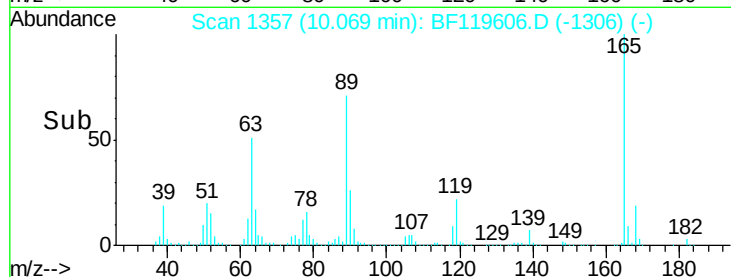
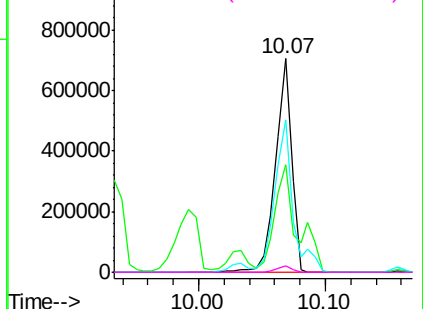
#57
2,4-Dinitrotoluene
Concen: 56.48 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

Tgt Ion:165 Resp: 617727
Ion Ratio Lower Upper
165 100
63 50.6 42.6 64.0
89 71.1 61.0 91.4
182 2.7 2.2 3.2

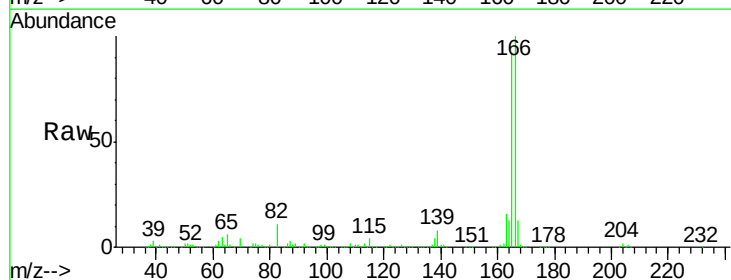


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

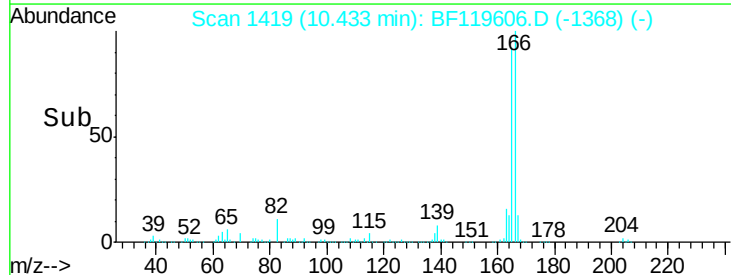
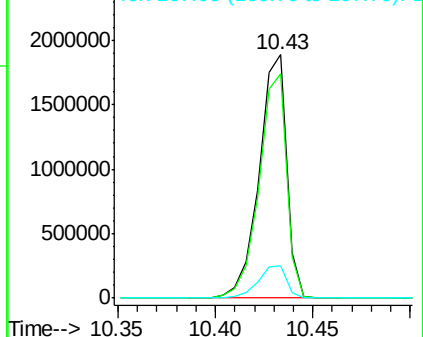


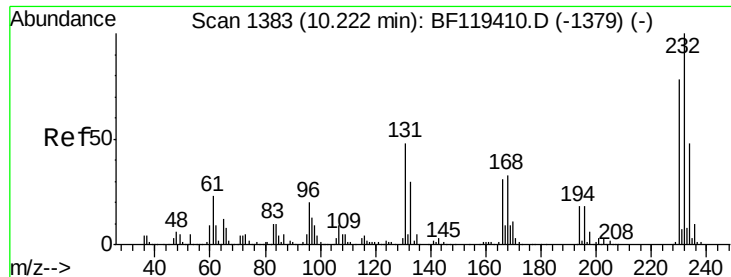
#58
Fluorene
Concen: 48.79 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:166 Resp: 1842100
Ion Ratio Lower Upper
166 100
165 92.2 75.4 113.2
167 13.4 11.2 16.8



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

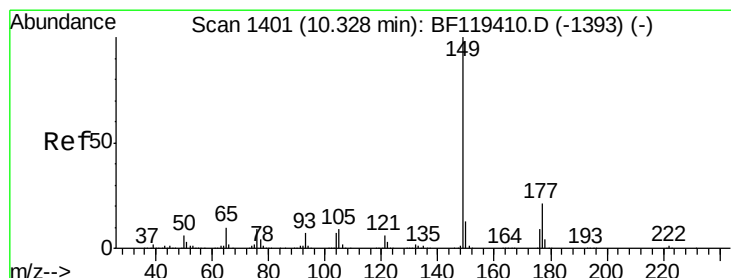
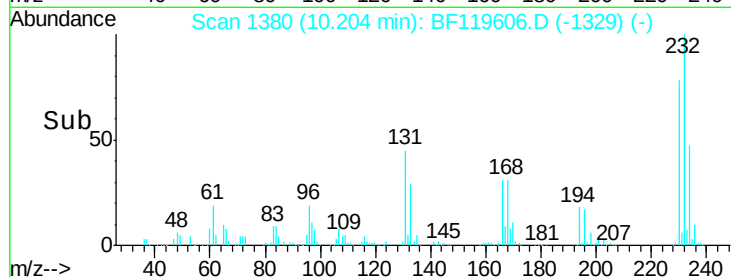
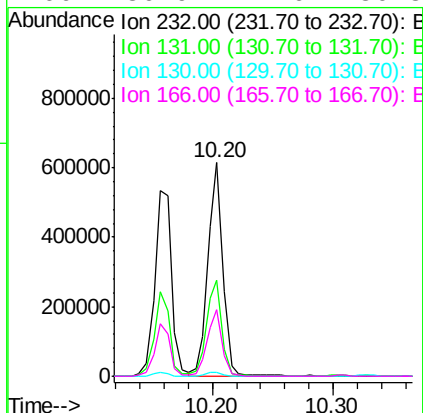
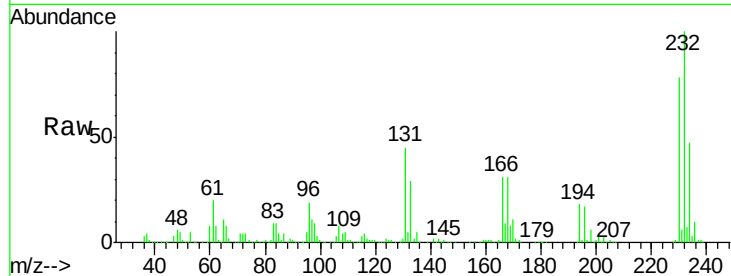




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.44 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

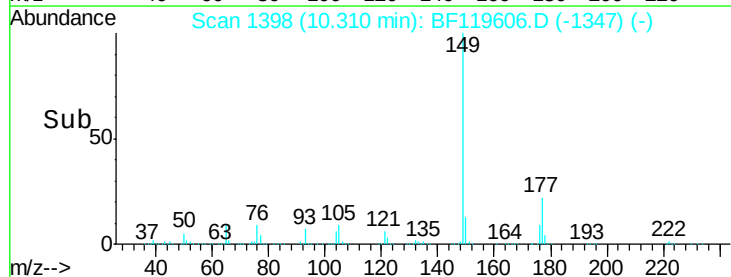
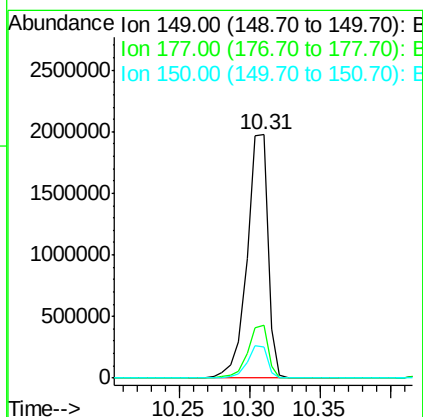
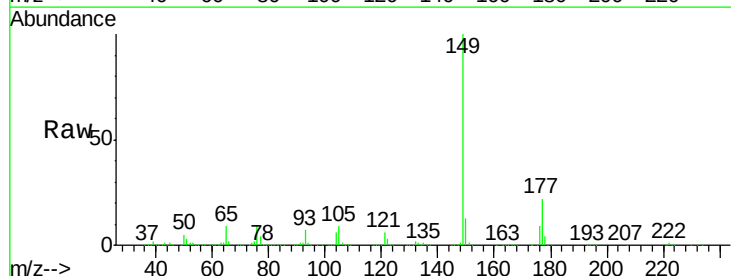
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

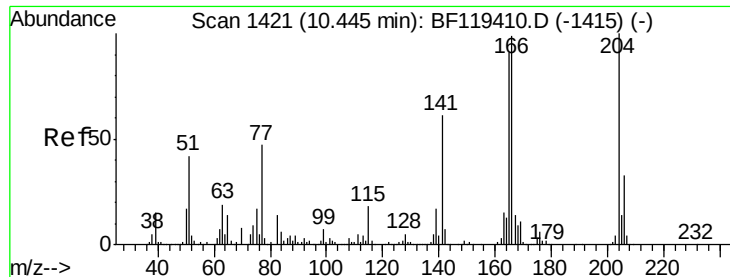
Tgt Ion:	232	Resp:	525157
Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.5	56.3
130	2.1	1.8	2.6
166	30.9	24.6	36.8



#60
Diethylphthalate
Concen: 49.87 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:	149	Resp:	2050113
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.6	10.1	15.1

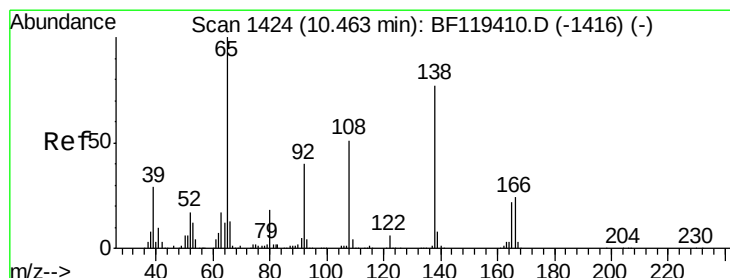
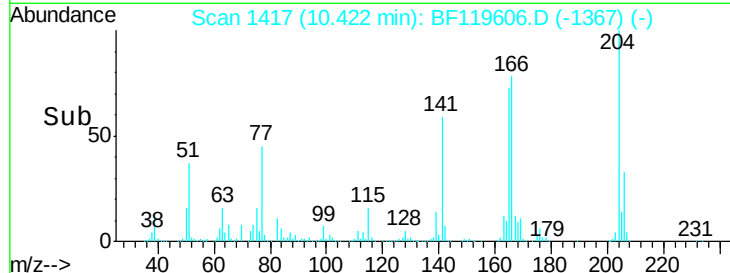
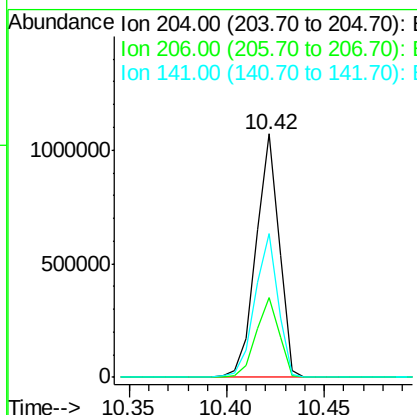
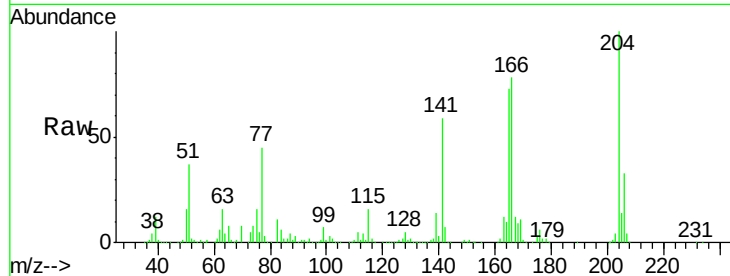




#61
 4-Chlorophenyl-phenylether
 Concen: 47.93 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

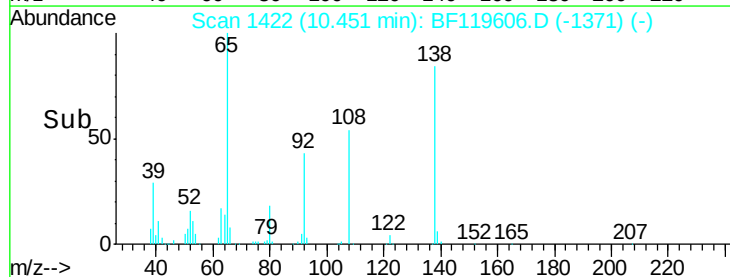
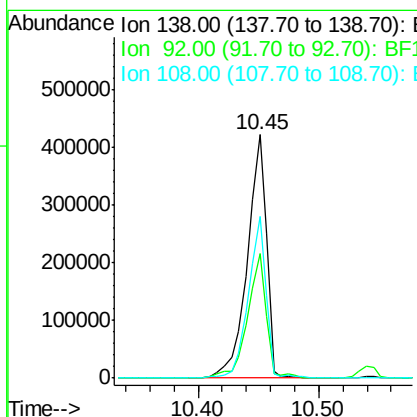
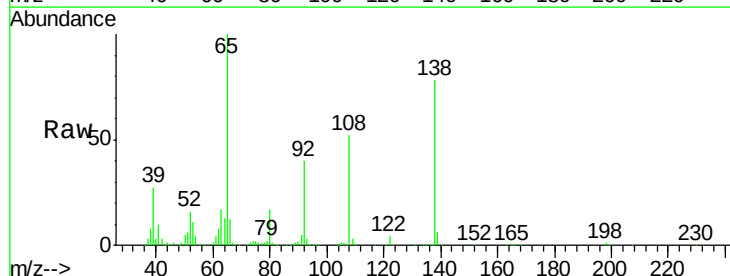
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

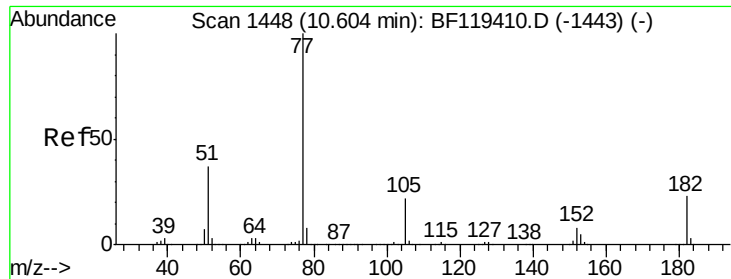
Tgt Ion:	204	Resp:	884991
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	59.3	47.3	70.9



#62
 4-Nitroaniline
 Concen: 45.09 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:	138	Resp:	473949
Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.5	71.5
108	66.6	45.8	85.8





#63

Azobenzene

Concen: 44.47 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

Tgt Ion: 77 Resp: 1840730

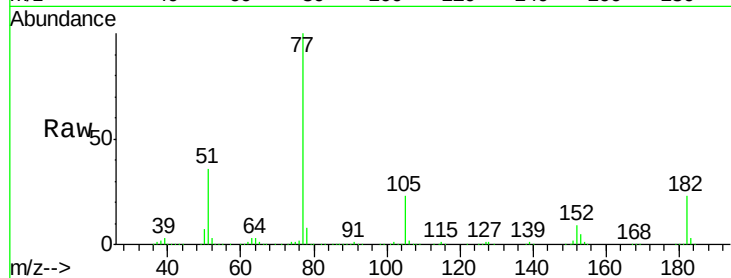
Ion Ratio Lower Upper

77 100

182 23.3 4.4 44.4

105 22.6 2.6 42.6

51 36.0 15.1 55.1

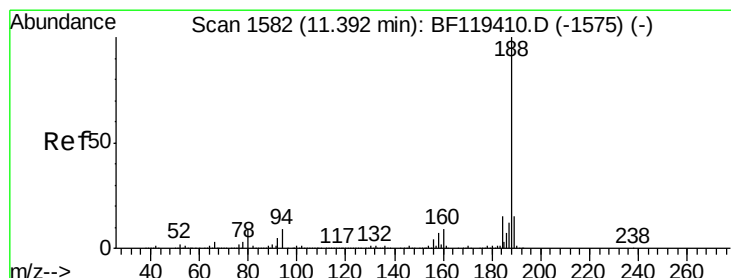
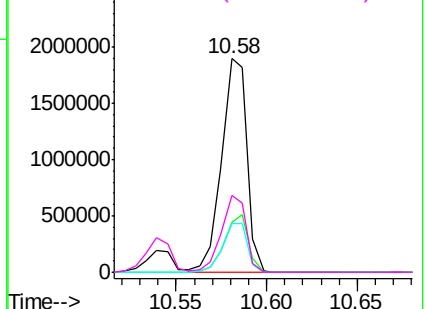
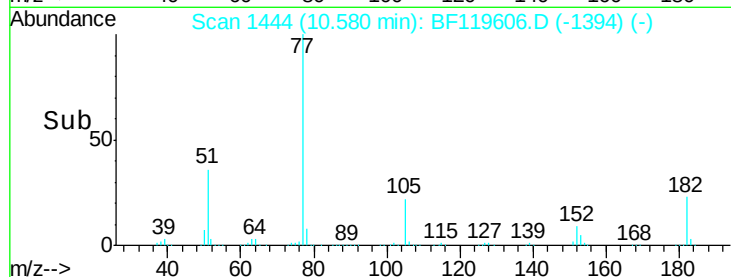


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

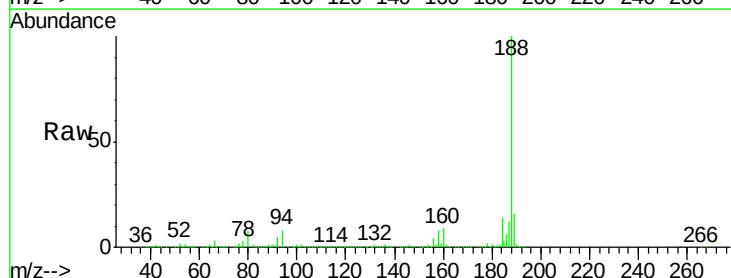
Tgt Ion: 188 Resp: 988924

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

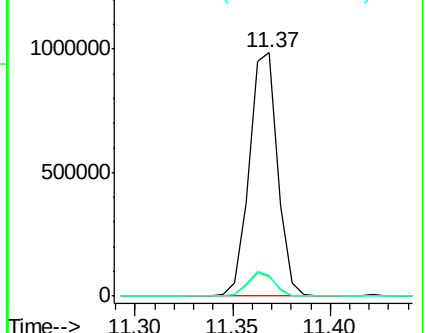
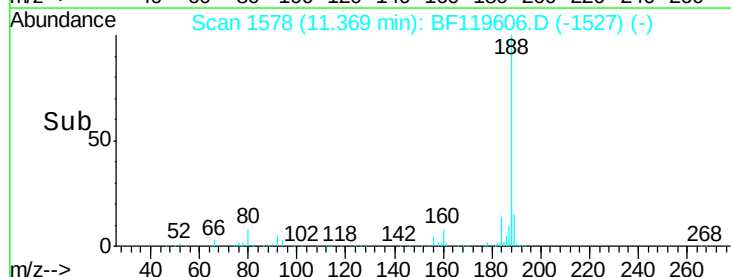
80 8.5 9.0 13.4#

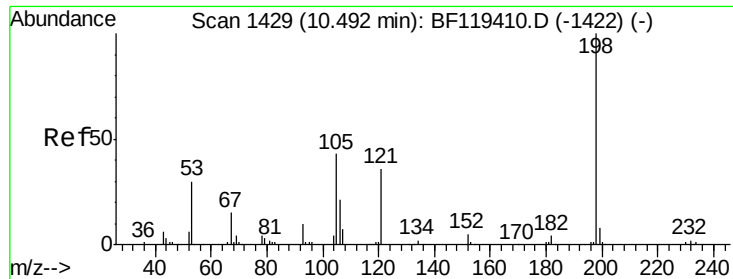


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

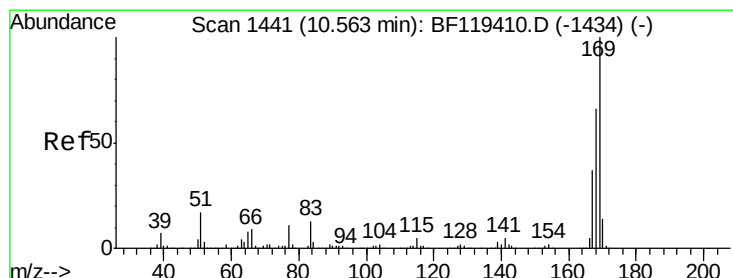
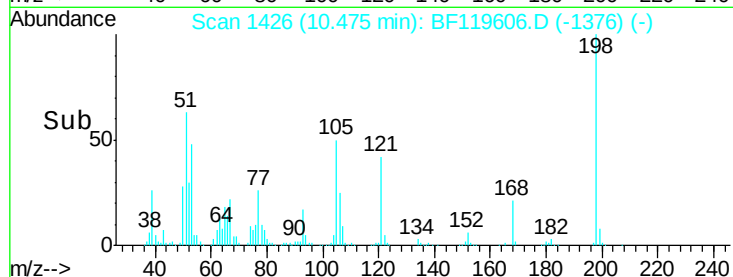
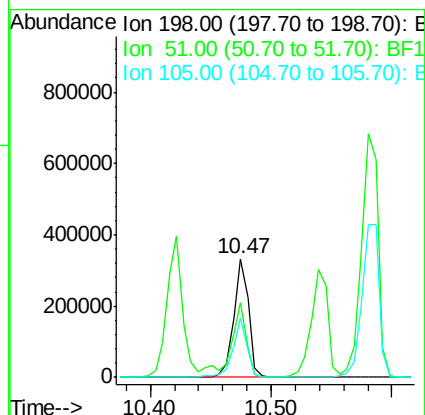
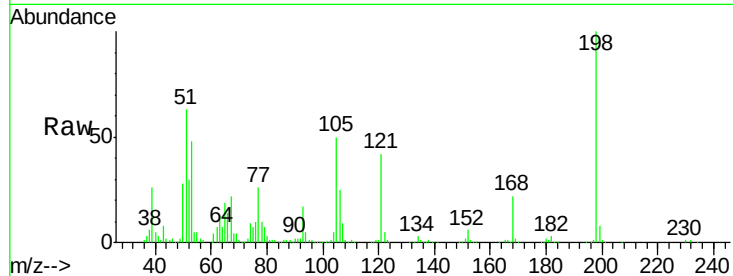




#65
4,6-Dinitro-2-methylphenol
Concen: 69.26 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

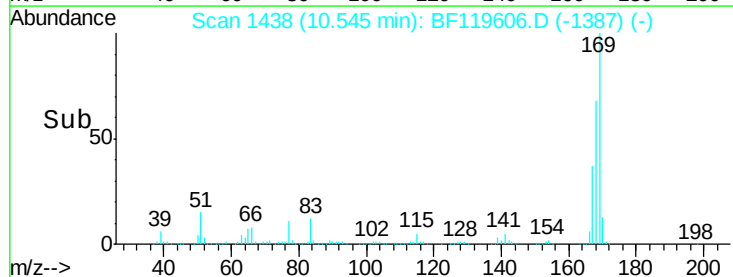
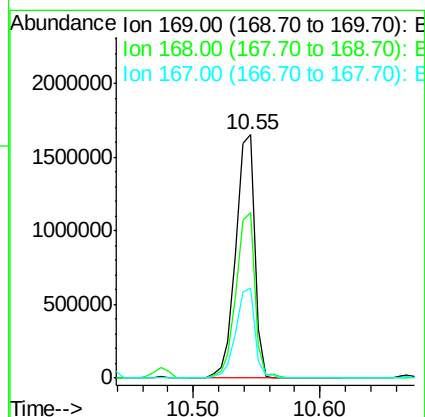
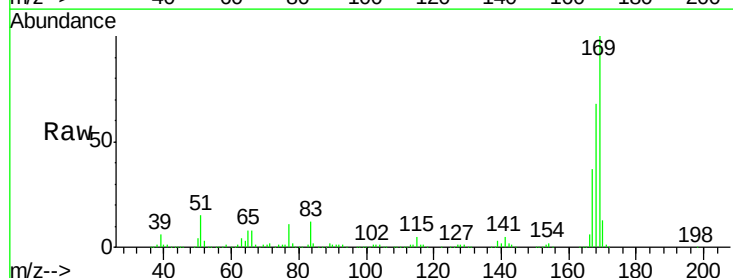
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

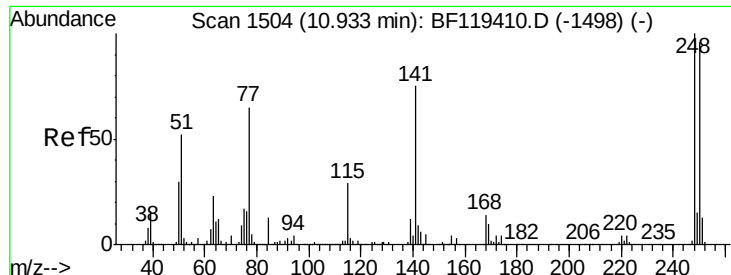
Tgt Ion:198 Resp: 287221
Ion Ratio Lower Upper
198 100
51 63.4 29.0 69.0
105 49.8 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 51.84 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:169 Resp: 1683081
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 36.9 29.1 43.7

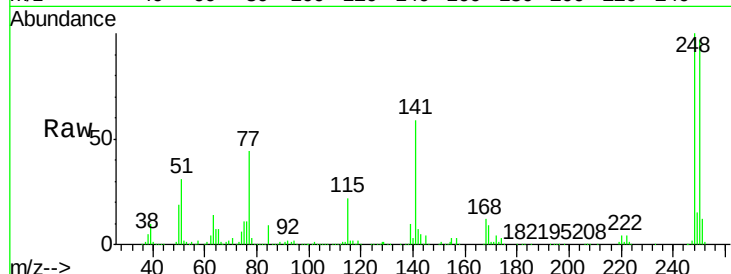




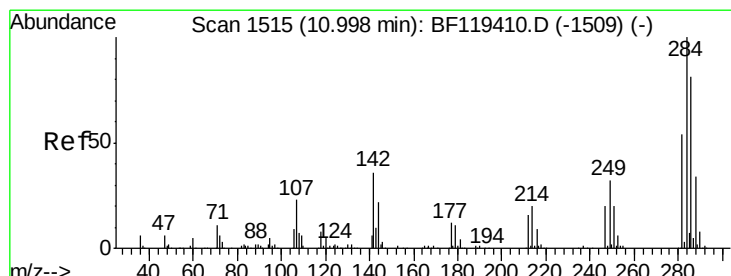
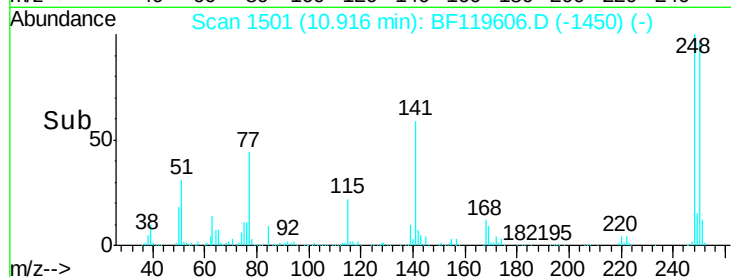
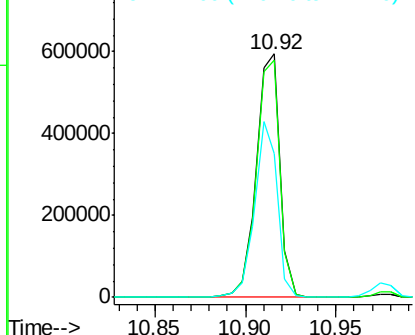
#67
 4-Bromophenyl-phenylether
 Concen: 47.90 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

Tgt Ion: 248 Resp: 539522
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.3 115.9
 141 59.2 58.6 87.8

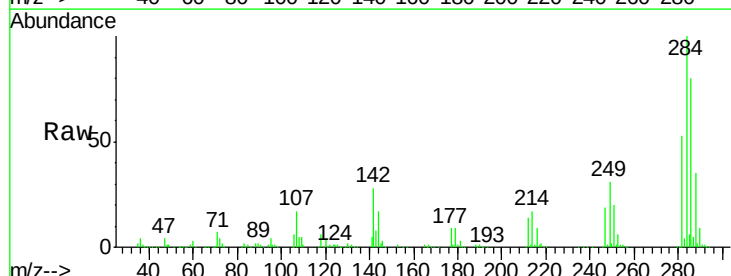


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

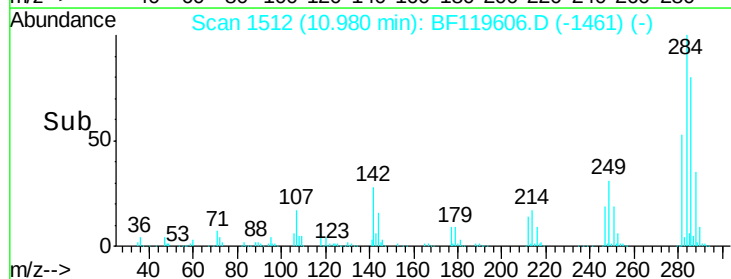
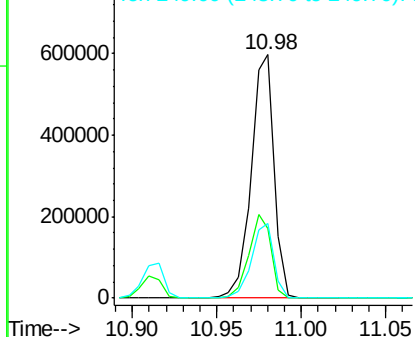


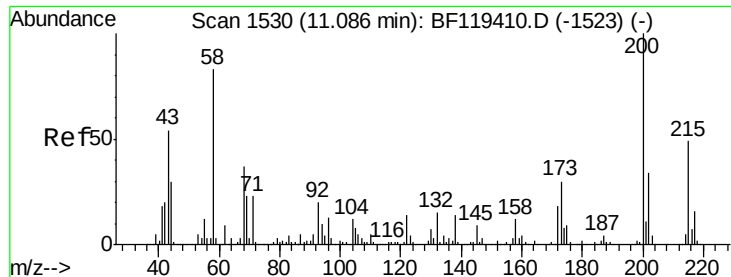
#68
 Hexachlorobenzene
 Concen: 49.32 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion: 284 Resp: 568475
 Ion Ratio Lower Upper
 284 100
 142 28.4 29.2 43.8#
 249 30.9 25.1 37.7



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: 54.46 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

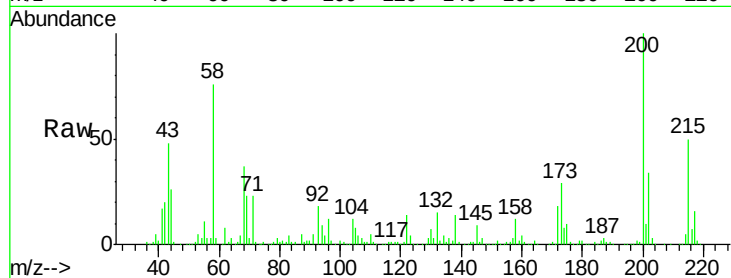
Tgt Ion:200 Resp: 484674

Ion Ratio Lower Upper

200 100

173 28.9 9.3 49.3

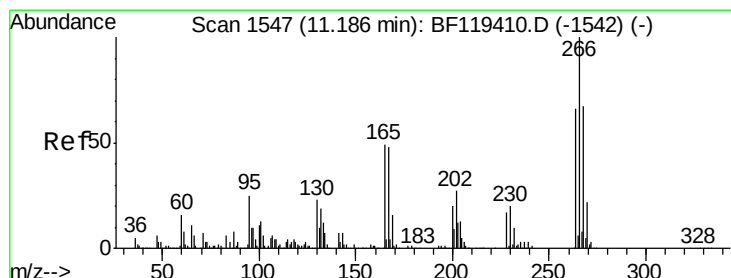
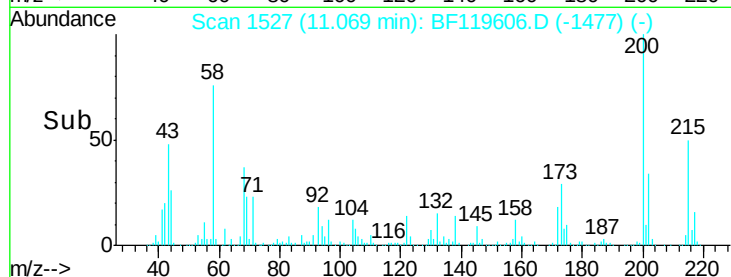
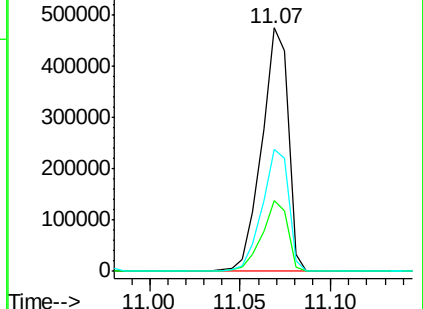
215 49.9 29.5 69.5



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: 94.94 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

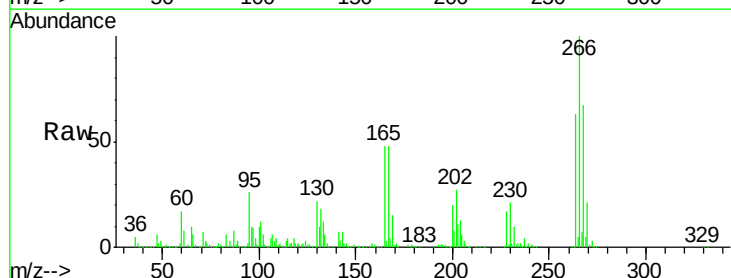
Tgt Ion:266 Resp: 641721

Ion Ratio Lower Upper

266 100

268 67.1 53.3 79.9

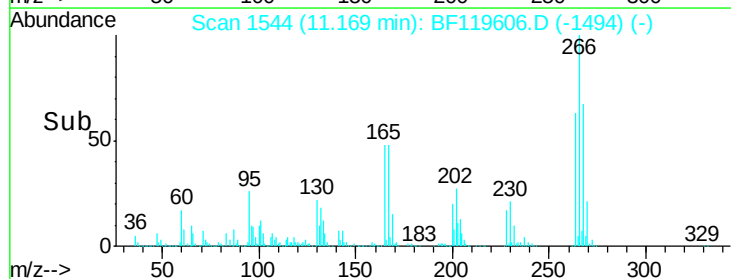
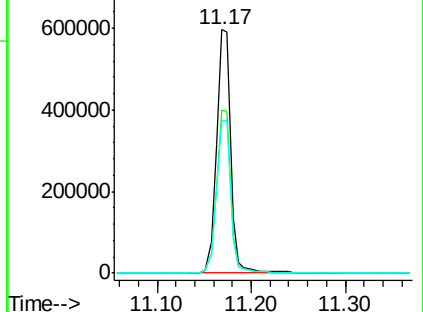
264 63.0 49.0 73.4

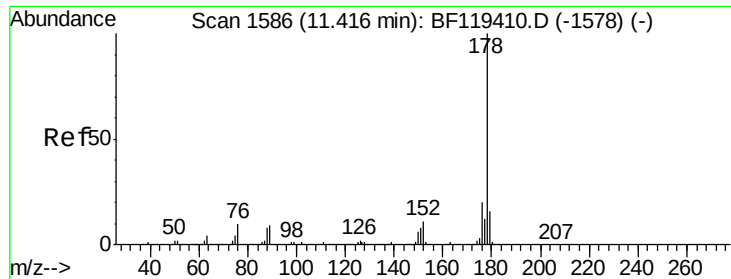


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

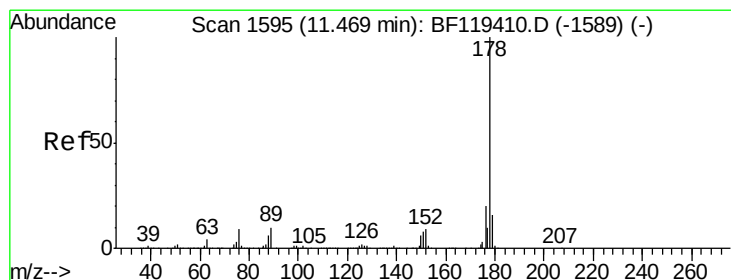
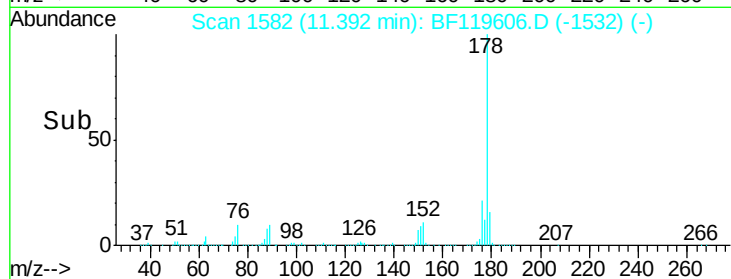
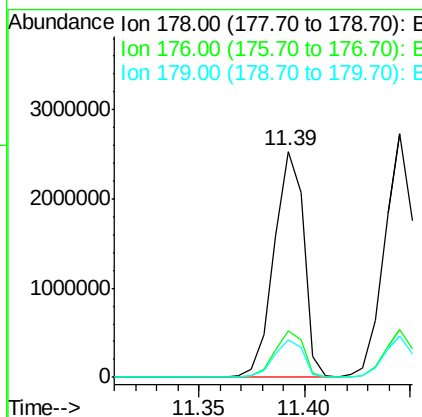
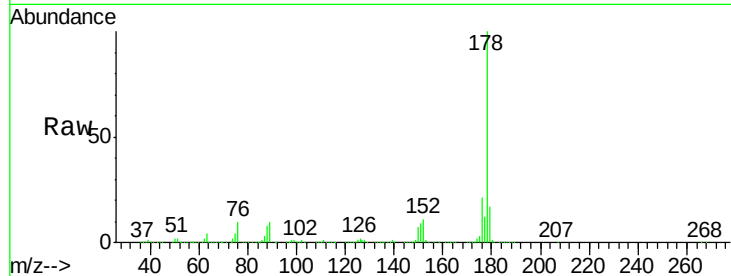




#71
Phenanthrene
Concen: 48.46 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

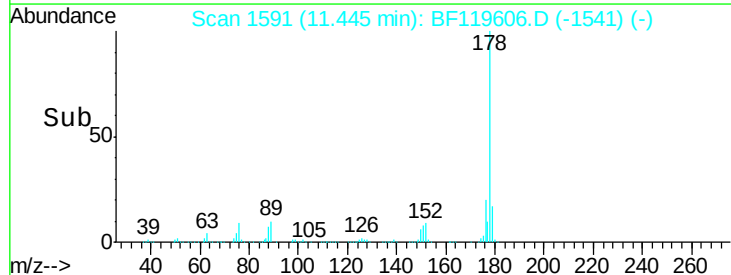
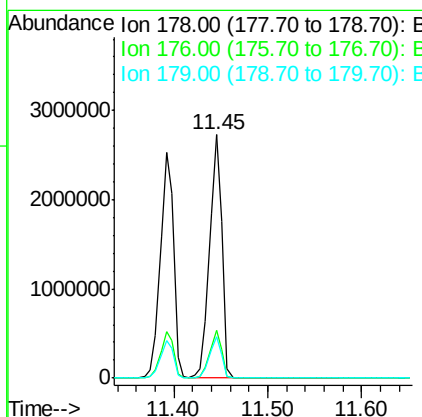
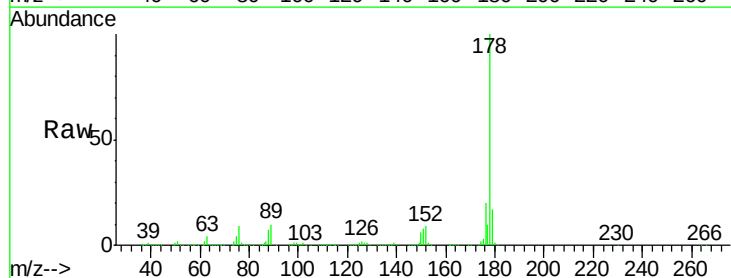
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

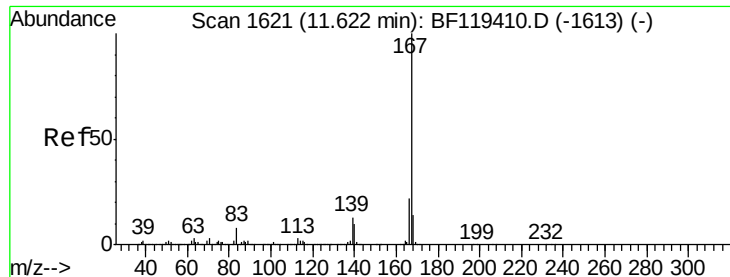
Tgt Ion:178 Resp: 2485033
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 13.2 19.8



#72
Anthracene
Concen: 49.02 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:178 Resp: 2554494
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.8 13.0 19.4

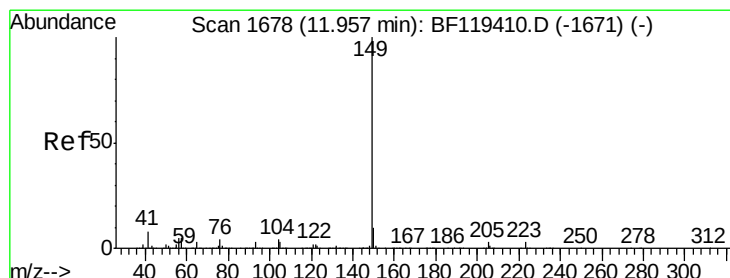
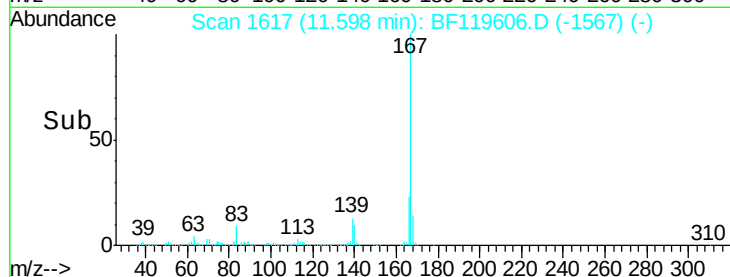
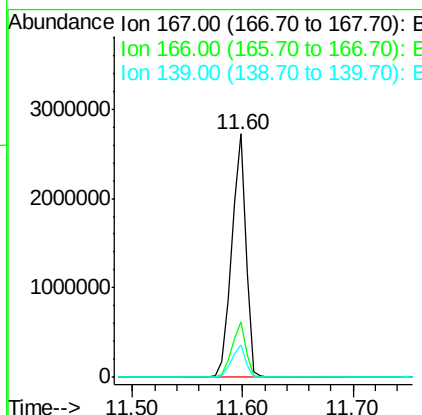
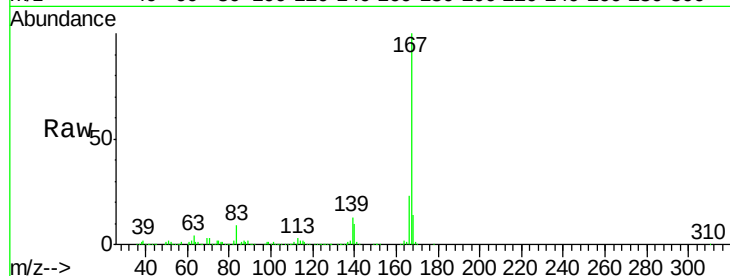




#73
 Carbazole
 Concen: 48.23 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

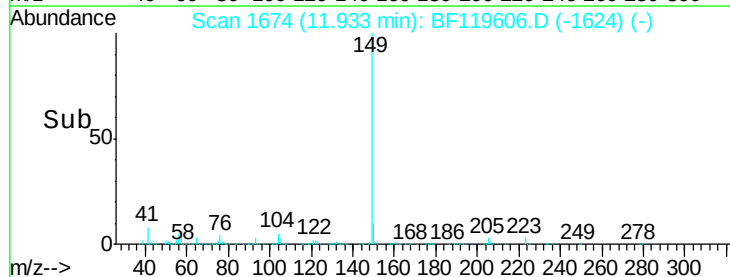
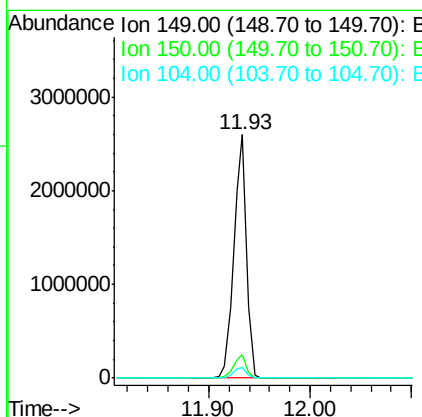
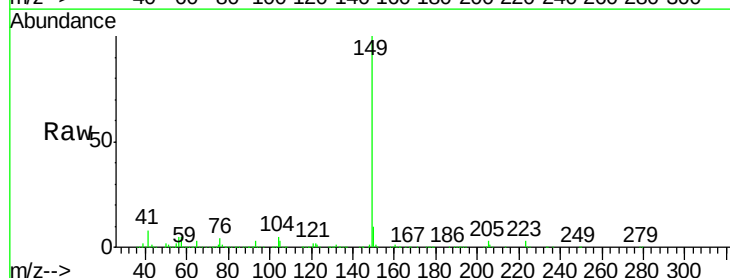
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

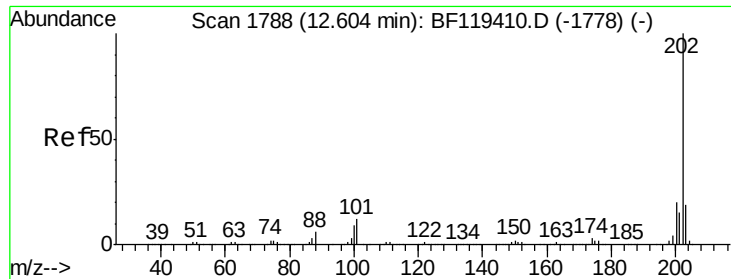
Tgt Ion:167 Resp: 2488070
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.31 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion:149 Resp: 2224503
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 37.18 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

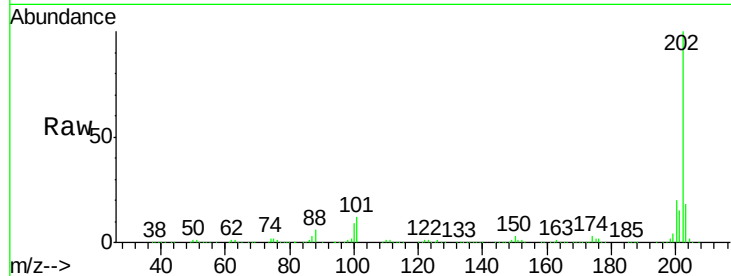
Tgt Ion:202 Resp: 2063533

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.2

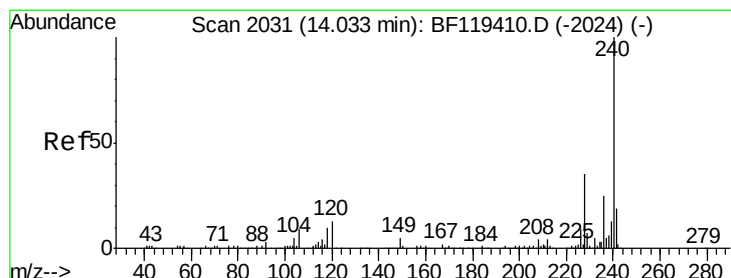
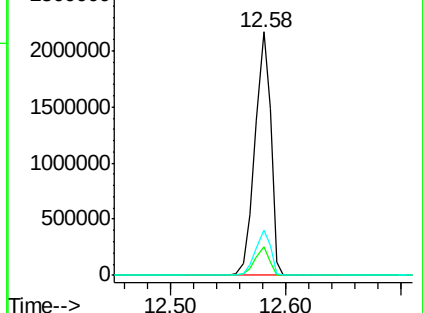
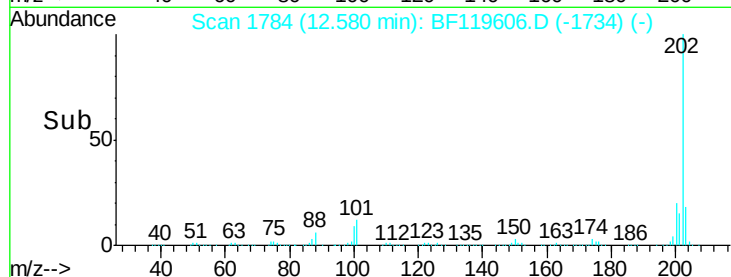
203 18.3 0.0 38.8



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

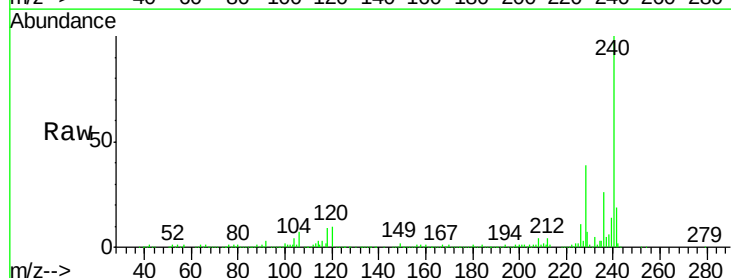
Tgt Ion:240 Resp: 466710

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

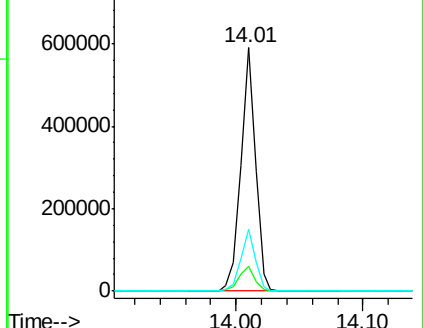
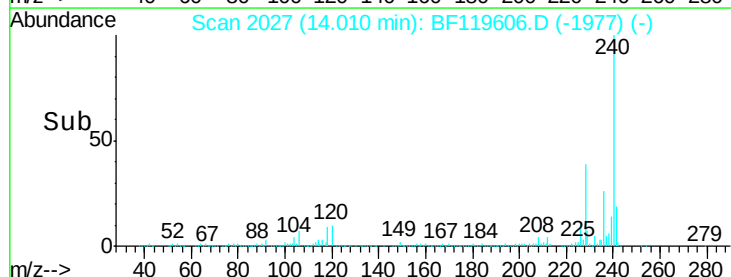
236 25.7 20.2 30.2

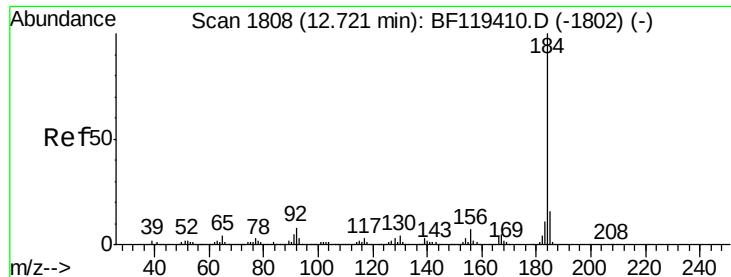


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.78 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

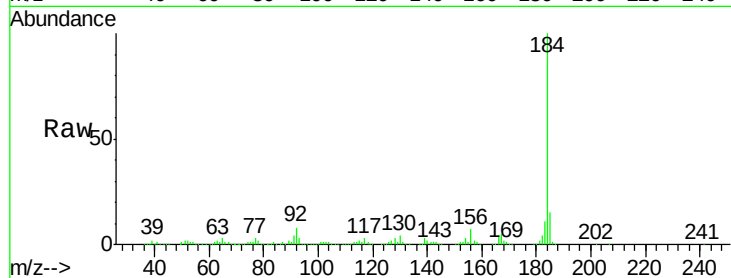
Tgt Ion:184 Resp: 864745

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

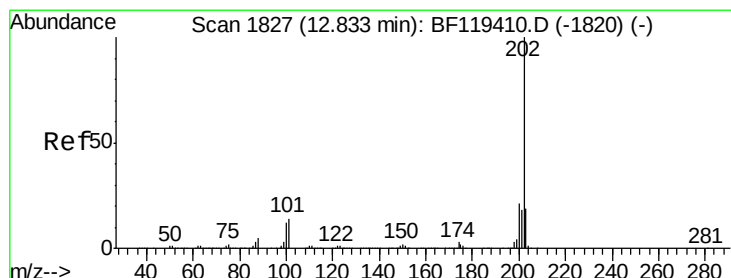
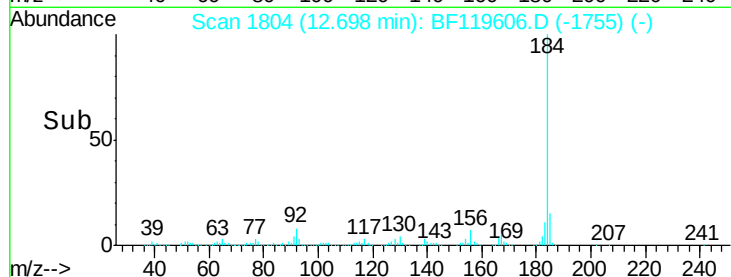
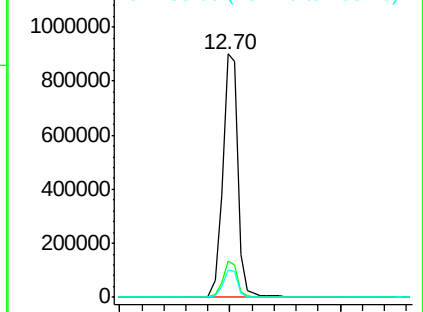
183 11.0 9.0 13.6



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: 52.87 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

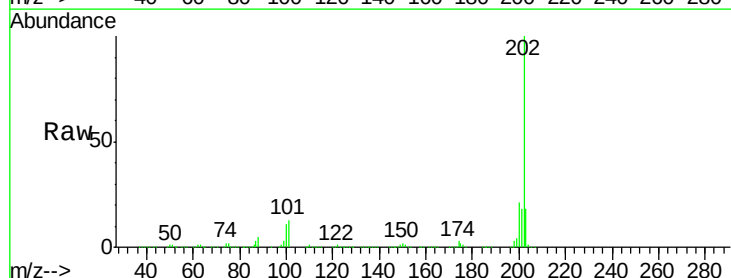
Tgt Ion:202 Resp: 2025145

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

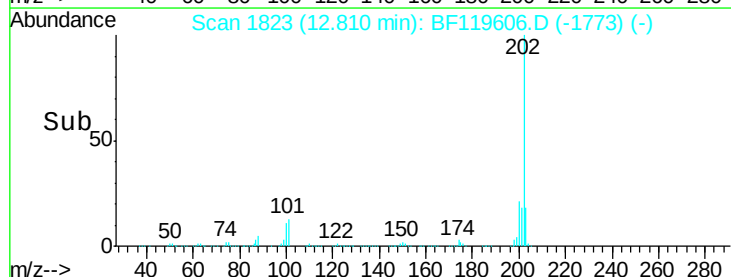
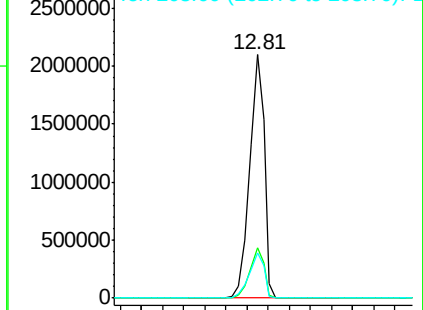
203 18.4 15.1 22.7

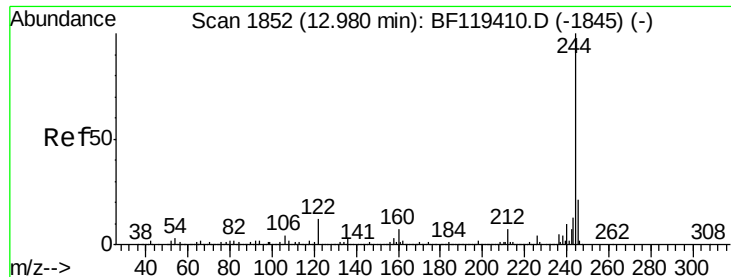


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.21 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

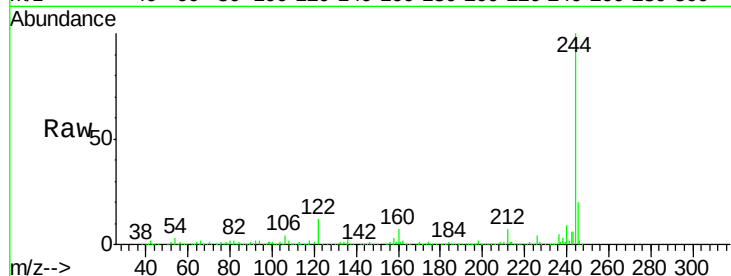
Tgt Ion:244 Resp: 1863162

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

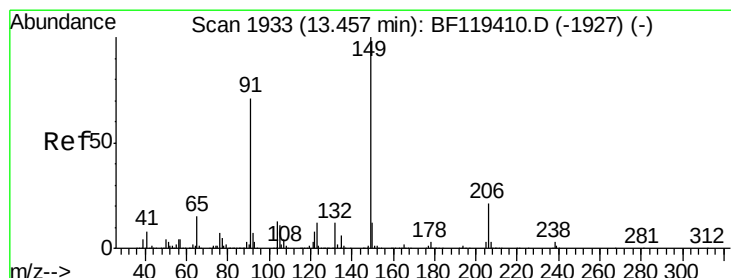
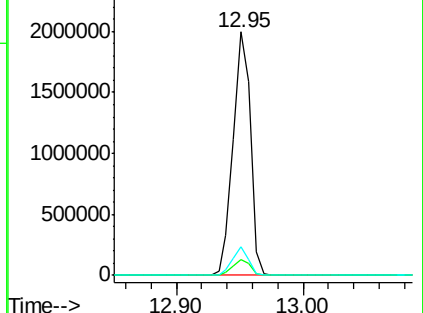
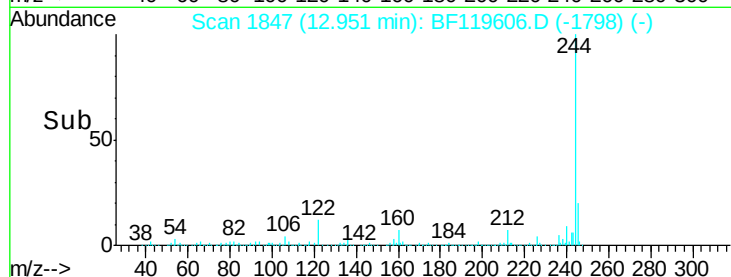
122 11.5 10.3 15.5



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: 59.53 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

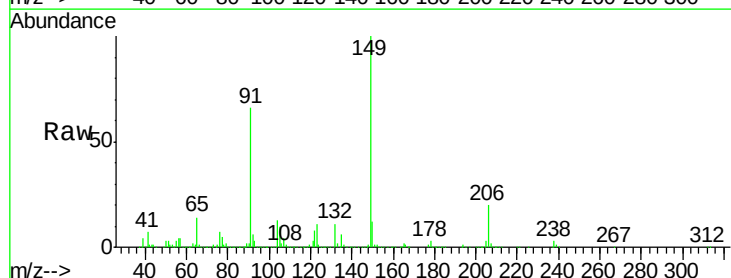
Tgt Ion:149 Resp: 922151

Ion Ratio Lower Upper

149 100

91 65.9 54.7 82.1

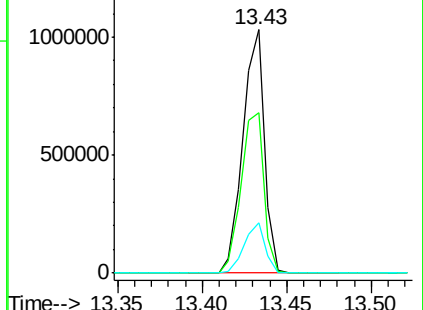
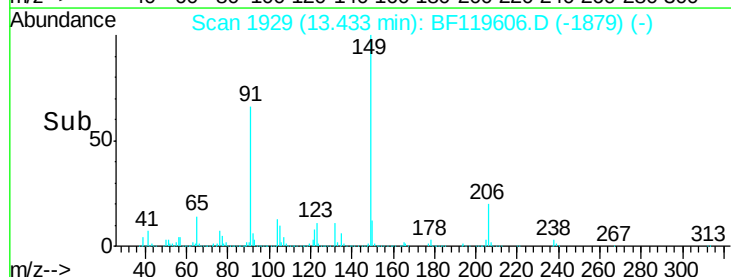
206 20.5 16.2 24.2

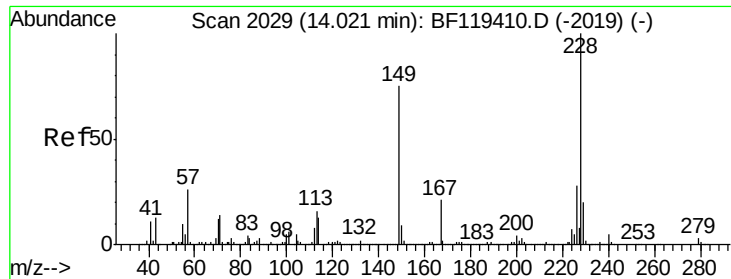


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.82 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

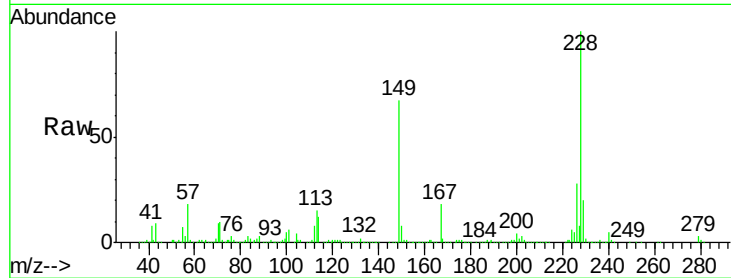
Tgt Ion:228 Resp: 1481529

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

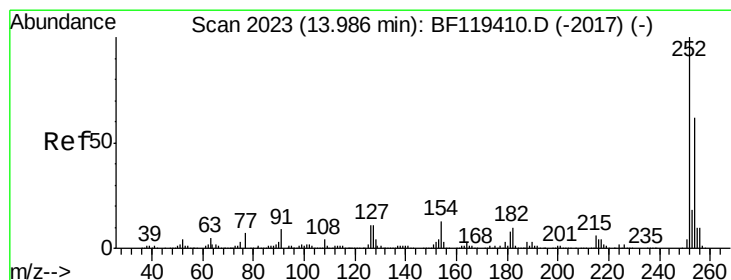
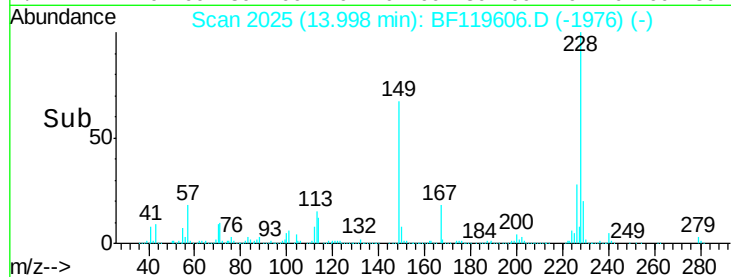
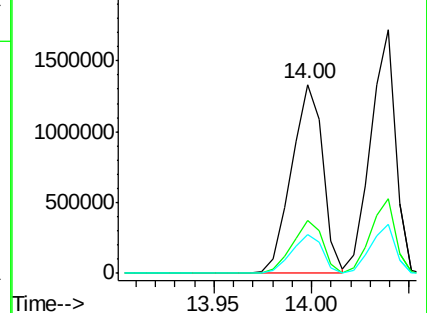
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.42 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

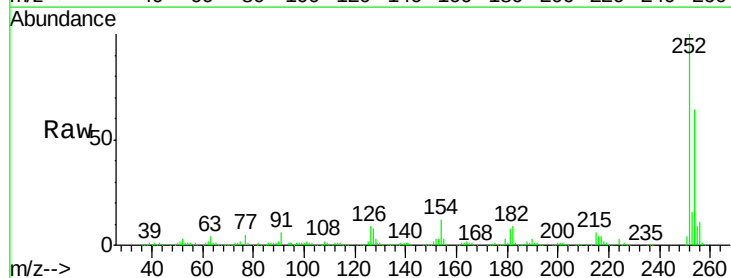
Tgt Ion:252 Resp: 304243

Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

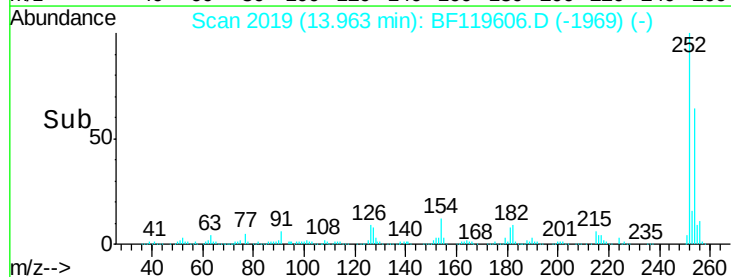
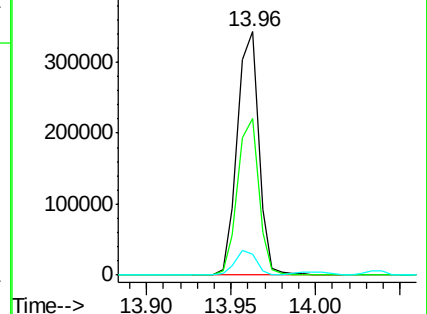
126 8.8 9.6 14.4#

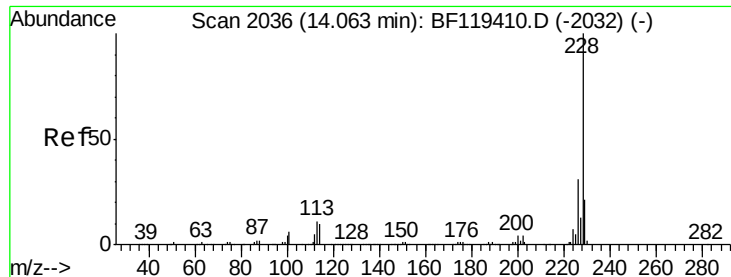


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.74 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

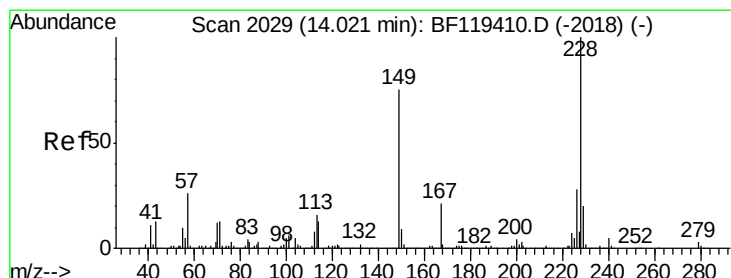
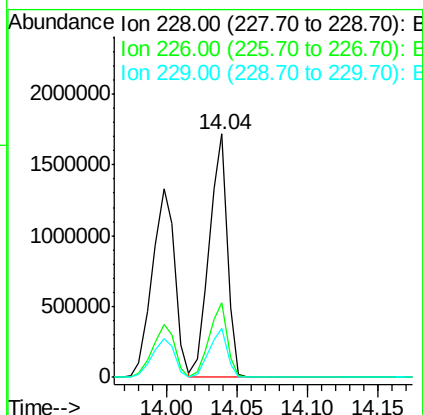
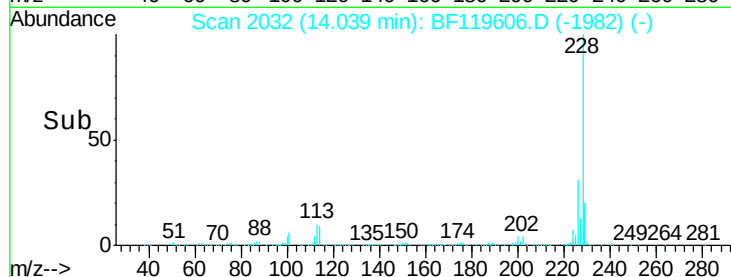
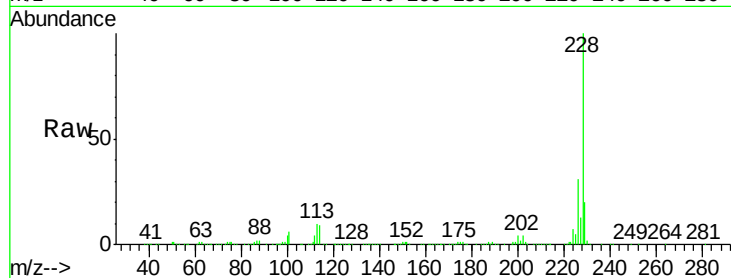
Tgt Ion:228 Resp: 1526532

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 20.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.50 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

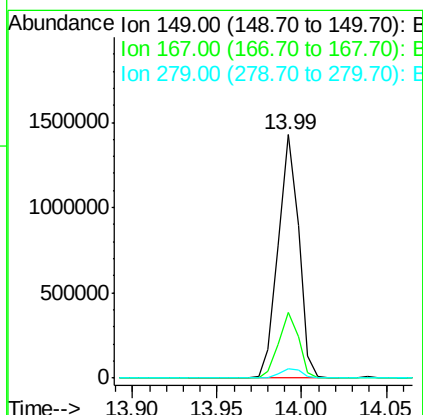
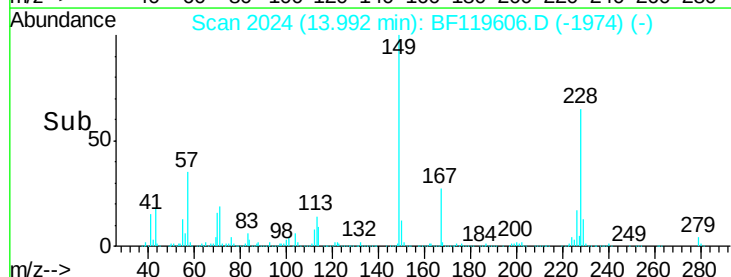
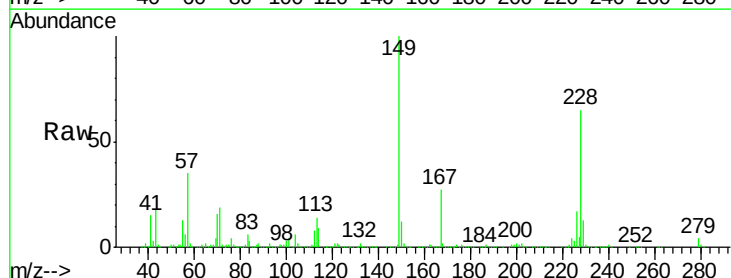
Tgt Ion:149 Resp: 1209653

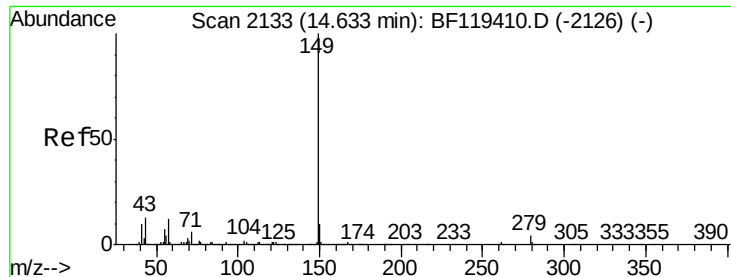
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 60.31 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

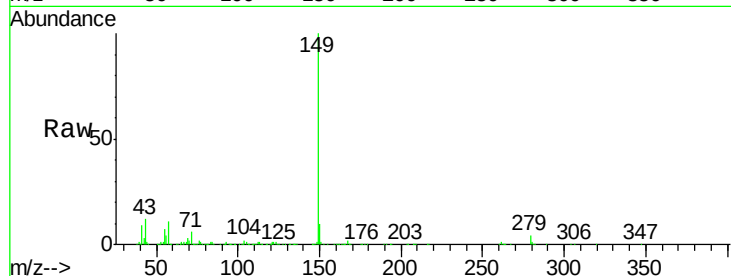
Tgt Ion:149 Resp: 1958842

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

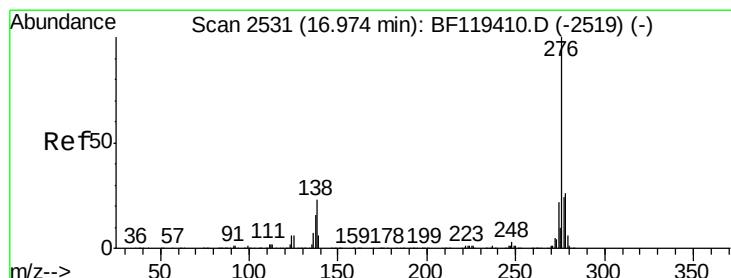
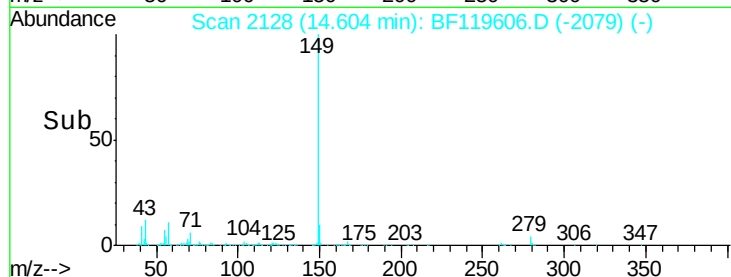
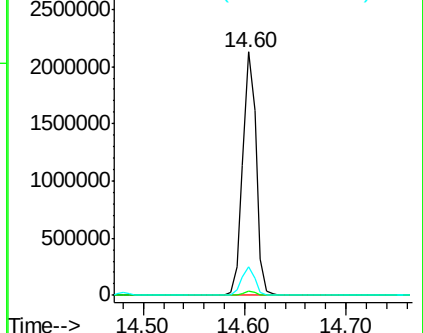
43 11.5 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 70.39 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

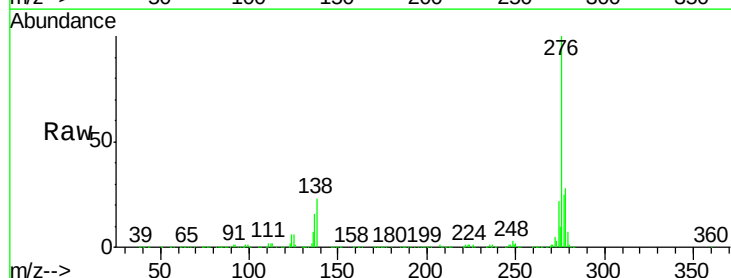
Tgt Ion:276 Resp: 2076438

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

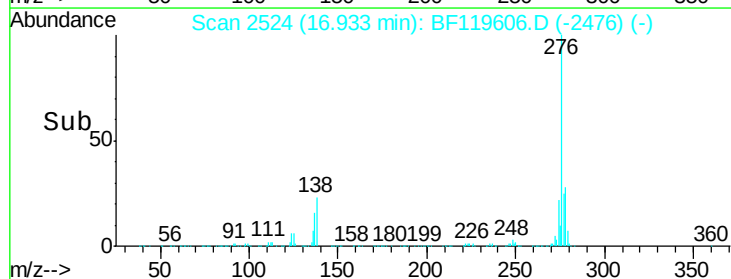
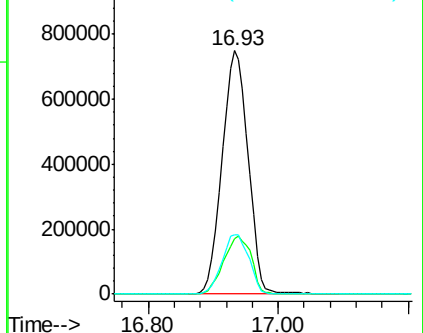
277 25.5 20.0 30.0

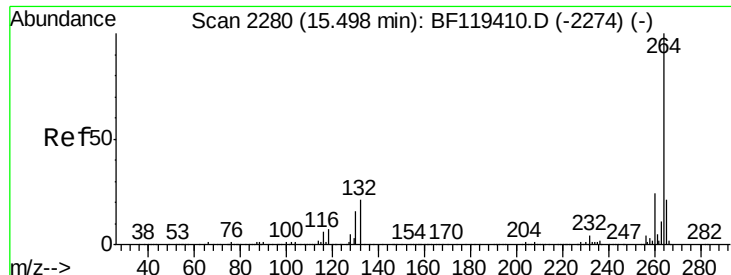


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

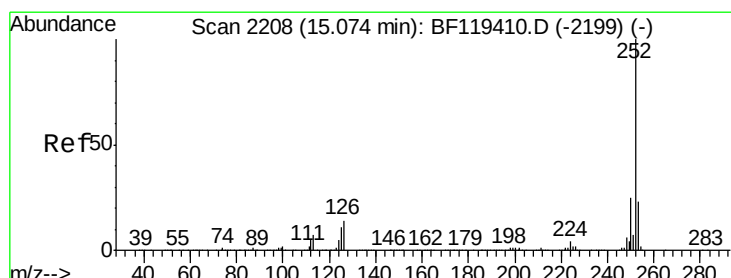
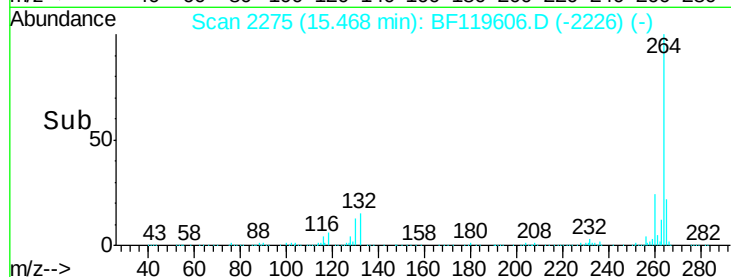
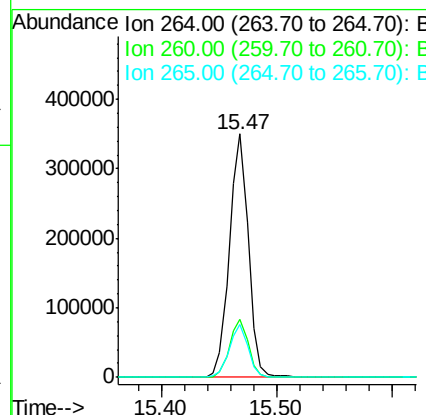
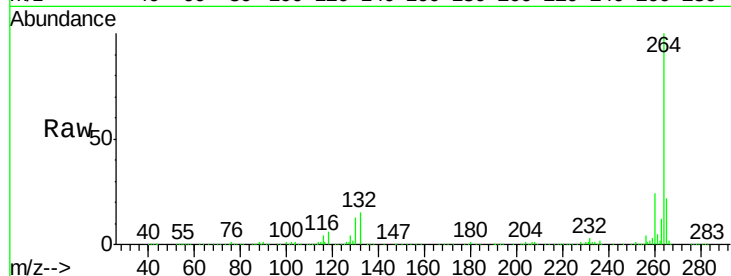




#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

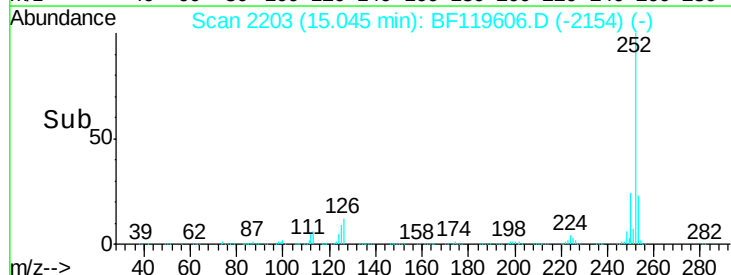
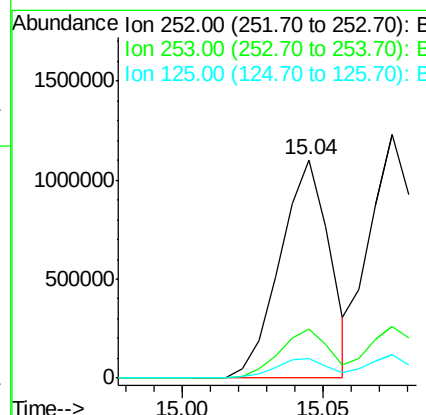
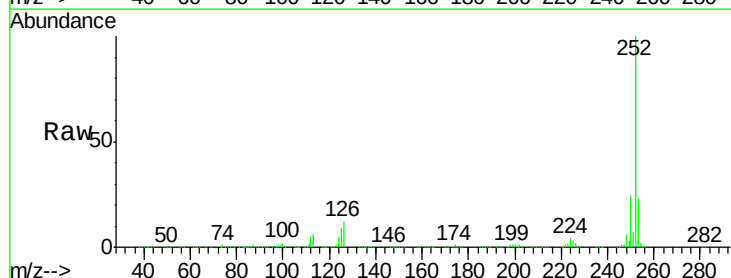
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)MS

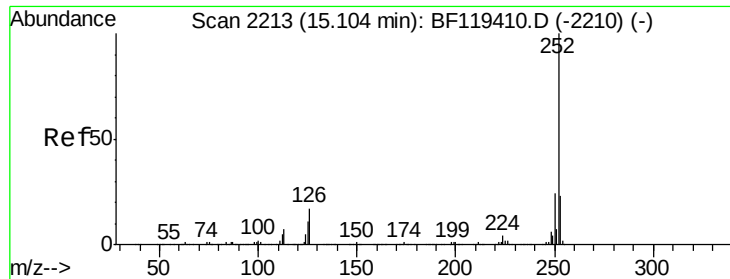
Tgt Ion: 264 Resp: 398544
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.9 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 50.53 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF119606.D
 Acq: 28 Mar 2020 9:35

Tgt Ion: 252 Resp: 1345372
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 9.3 7.9 11.9

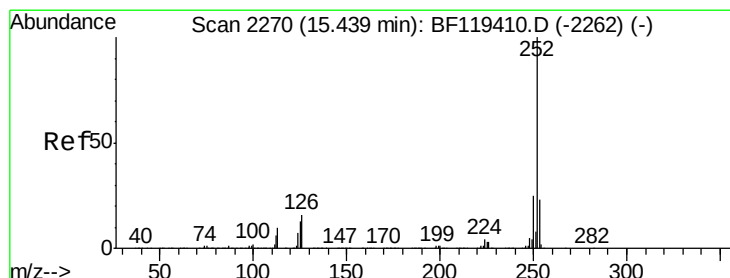
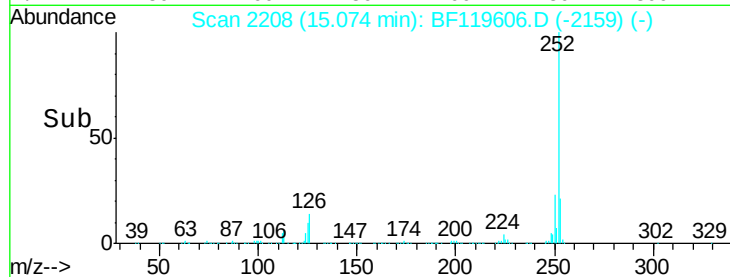
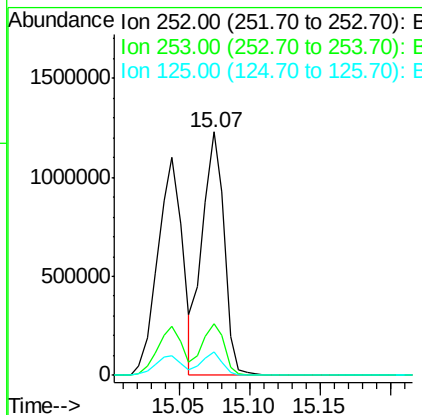
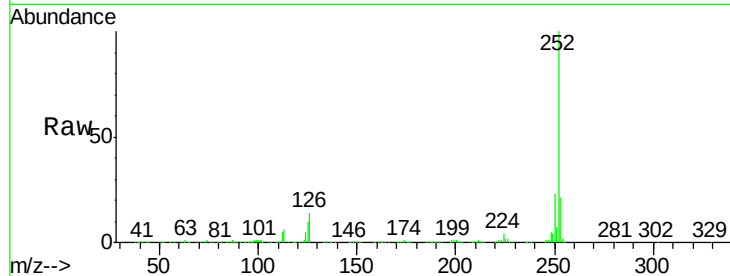




#89
Benzo(k)fluoranthene
Concen: 52.02 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

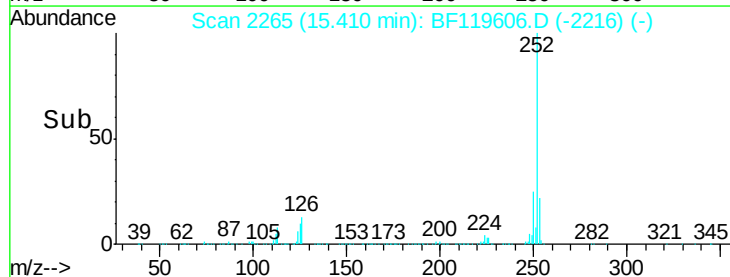
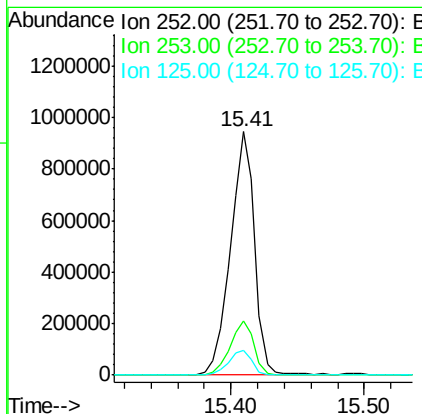
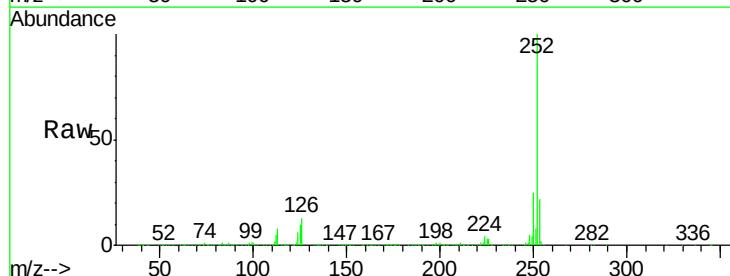
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)MS

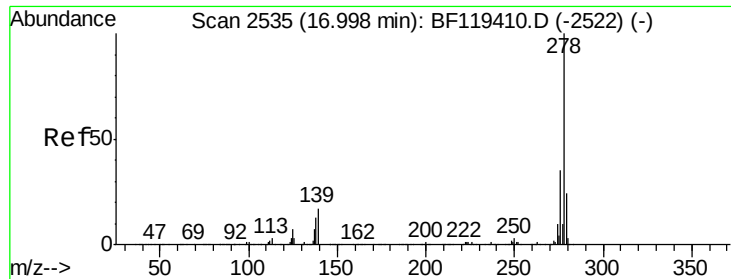
Tgt Ion:252 Resp: 1318786
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 49.28 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119606.D
Acq: 28 Mar 2020 9:35

Tgt Ion:252 Resp: 1192320
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 80.78 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)MS

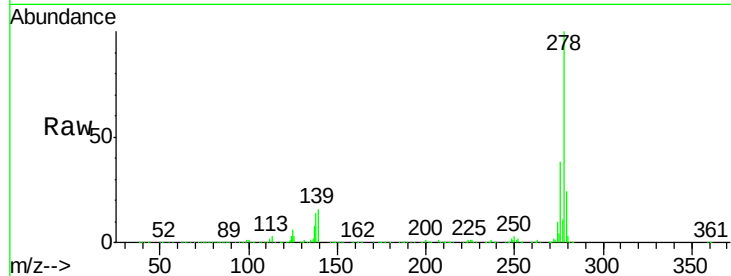
Tgt Ion:278 Resp: 1709558

Ion Ratio Lower Upper

278 100

139 16.3 12.6 19.0

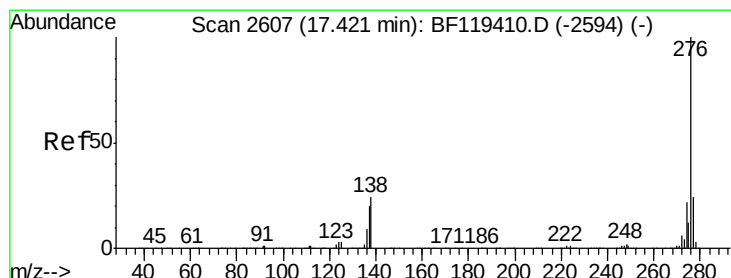
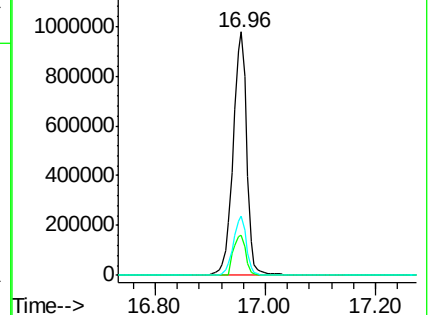
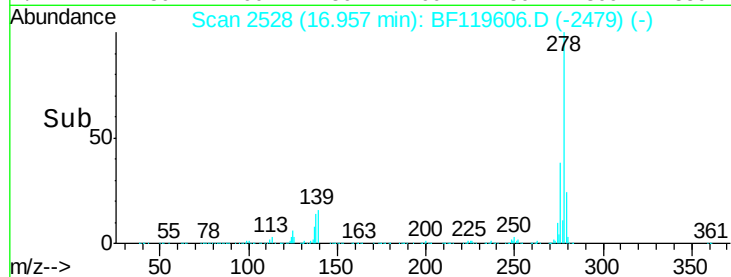
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 76.10 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119606.D

Acq: 28 Mar 2020 9:35

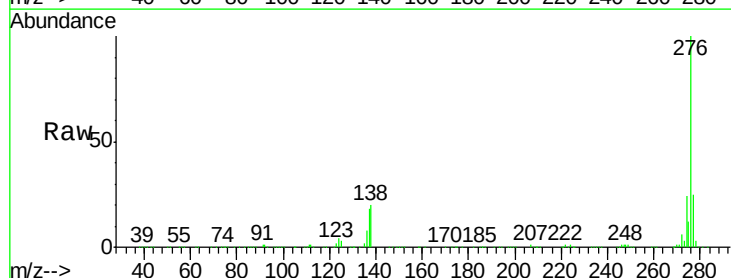
Tgt Ion:276 Resp: 1617940

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 20.4 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

