

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119548.D
 Acq On : 26 Mar 2020 23:48
 Operator : CG/JU
 Sample : L2028-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Mar 27 00:46:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	283512	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1118181	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	596241	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1157130	20.00	ng	0.00
76) Chrysene-d12	14.02	240	835675	20.00	ng	0.00
87) Perylene-d12	15.48	264	735501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1642500	92.23	ng	0.01
7) Phenol-d6	6.46	99	2132930	93.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	1313880	63.86	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	646361	105.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2517847	62.56	ng	0.00
79) Terphenyl-d14	12.96	244	2922367	68.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	322288	36.64	ng	98
3) Pyridine	3.38	79	874328	36.08	ng	99
4) n-Nitrosodimethylamine	3.33	42	497737	42.12	ng	100
6) Aniline	6.50	93	1031572	32.85	ng	100
8) 2-Chlorophenol	6.62	128	971895	51.96	ng	98
9) Benzaldehyde	6.38	77	593817	41.15	ng	98
10) Phenol	6.48	94	1251940	51.57	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	920075	47.39	ng	99
12) 1,3-Dichlorobenzene	6.77	146	957451	47.29	ng	97
13) 1,4-Dichlorobenzene	6.85	146	964917	47.65	ng	98
14) 1,2-Dichlorobenzene	7.01	146	907557	47.95	ng	99
15) Benzyl Alcohol	6.98	79	828408	48.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1723978	44.02	ng	98
17) 2-Methylphenol	7.09	107	775077	45.23	ng	99
18) Hexachloroethane	7.35	117	366617	49.40	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	669140	48.80	ng	97
20) 3+4-Methylphenols	7.25	107	946950	45.09	ng	# 79
22) Acetophenone	7.25	105	1252183	46.87	ng	99
24) Nitrobenzene	7.42	77	1012606	46.05	ng	95
25) Isophorone	7.66	82	1889981	45.28	ng	98
26) 2-Nitrophenol	7.73	139	523693	60.49	ng	97
27) 2,4-Dimethylphenol	7.77	122	853261	47.66	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1187394	48.11	ng	98
29) 2,4-Dichlorophenol	7.97	162	804226	48.89	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	856020	47.06	ng	98
31) Naphthalene	8.15	128	2656935	46.17	ng	99
32) Benzoic acid	7.91	122	688514	59.79	ng	97
33) 4-Chloroaniline	8.19	127	333391	12.64	ng	98
34) Hexachlorobutadiene	8.26	225	485901	47.74	ng	99
35) Caprolactam	8.57	113	143234	26.61	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	896784	49.88	ng	98
37) 2-Methylnaphthalene	8.84	142	1854390	49.10	ng	100
38) 1-Methylnaphthalene	8.94	142	1755504	49.11	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	789147	45.16	ng	98

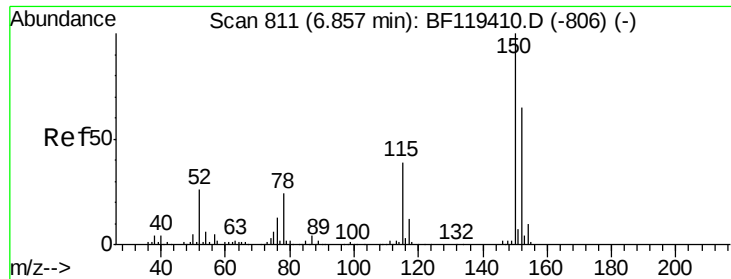
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	972138	97.84	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	618484	49.45	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	631190	45.05	ng	98
46) 1,1'-Biphenyl	9.30	154	2195459	45.21	ng	99
47) 2-Chloronaphthalene	9.33	162	1719113	45.19	ng	98
48) 2-Nitroaniline	9.42	65	628640	47.88	ng	98
49) Acenaphthylene	9.75	152	2708345	45.34	ng	99
50) Dimethylphthalate	9.61	163	2303857	54.40	ng	99
51) 2,6-Dinitrotoluene	9.67	165	462413	50.94	ng	94
52) Acenaphthene	9.92	154	1671290	44.88	ng	99
53) 3-Nitroaniline	9.83	138	250189	21.83	ng	98
54) 2,4-Dinitrophenol	9.95	184	499313	122.83	ng	88
55) Dibenzofuran	10.09	168	2438741	45.68	ng	98
56) 4-Nitrophenol	10.00	139	850577	94.08	ng	91
57) 2,4-Dinitrotoluene	10.07	165	624947	54.65	ng	93
58) Fluorene	10.43	166	1892830	47.94	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	542717	51.82	ng	99
60) Diethylphthalate	10.31	149	2098650	48.82	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	918523	47.57	ng	97
62) 4-Nitroaniline	10.46	138	498723	45.38	ng	99
63) Azobenzene	10.59	77	2013967	46.53	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	324416	66.86	ng	92
66) n-Nitrosodiphenylamine	10.55	169	1759364	46.32	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	610191	46.30	ng	99
68) Hexachlorobenzene	10.98	284	652207	48.36	ng	99
69) Atrazine	11.07	200	545347	52.37	ng	100
70) Pentachlorophenol	11.17	266	763561	96.55	ng	98
71) Phenanthrene	11.40	178	2726667	45.44	ng	100
72) Anthracene	11.45	178	2817719	46.21	ng	99
73) Carbazole	11.60	167	2628648	43.55	ng	99
74) Di-n-butylphthalate	11.94	149	3250231	50.34	ng	99
75) Fluoranthene	12.59	202	3024142	46.57	ng	99
77) Benzidine	12.71	184	1558003	44.05	ng	97
78) Pyrene	12.82	202	3029708	44.18	ng	99
80) Butylbenzylphthalate	13.44	149	1416549	51.07	ng	99
81) Benzo(a)anthracene	14.01	228	2363806	43.50	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	564168	26.33	ng	97
83) Chrysene	14.04	228	2488007	44.36	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1816116	54.92	ng	100
85) Di-n-octyl phthalate	14.62	149	3194807	54.94	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2214043	41.92	ng	97
88) Benzo(b)fluoranthene	15.06	252	2425308	49.36	ng	99
89) Benzo(k)fluoranthene	15.09	252	2220991	47.47	ng	100
90) Benzo(a)pyrene	15.42	252	2064730	46.24	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1799044	46.07	ng	97
92) Benzo(g,h,i)perylene	17.40	276	1816735	46.30	ng	97

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

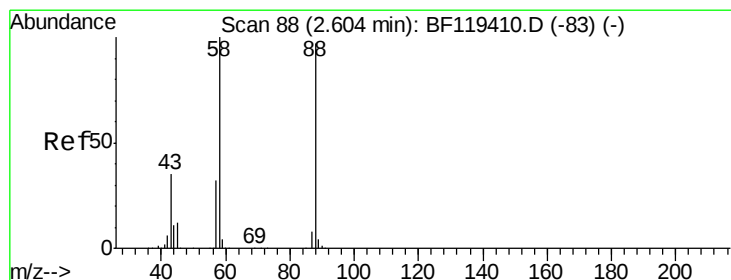
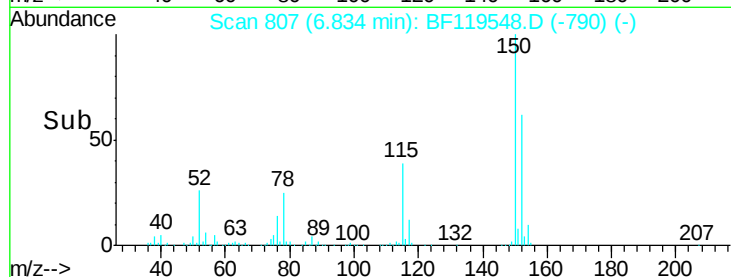
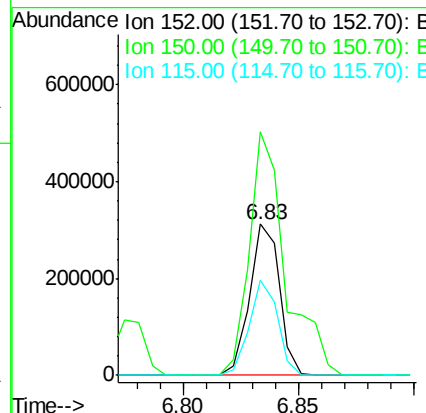
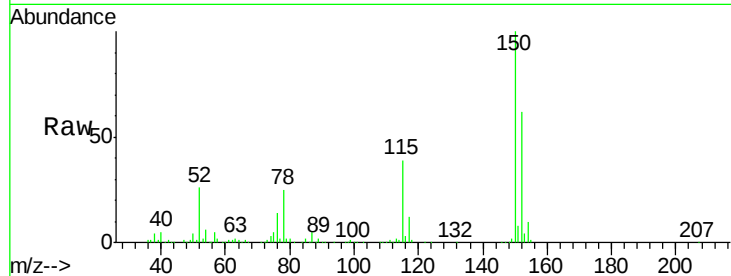


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

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

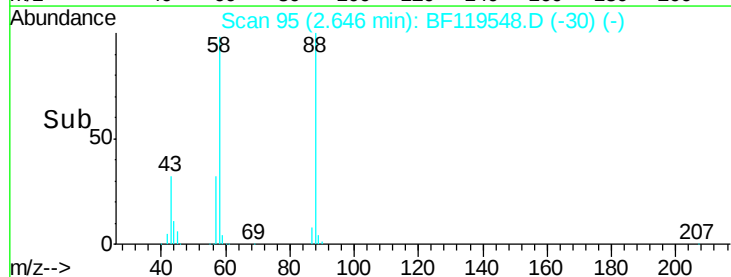
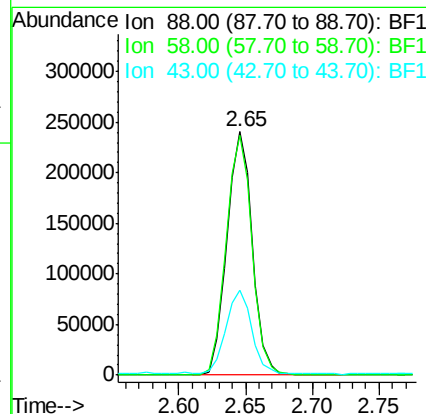
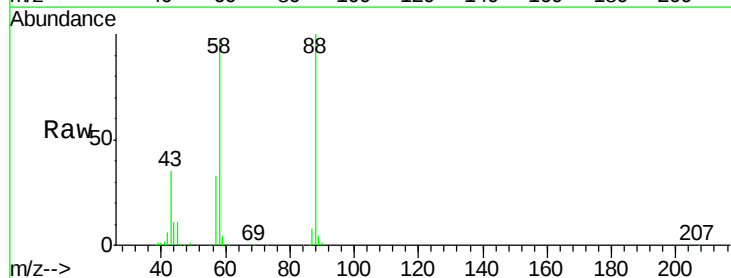
Tgt Ion:152 Resp: 283512
Ion Ratio Lower Upper
152 100
150 160.9 123.9 185.9
115 62.7 47.8 71.6

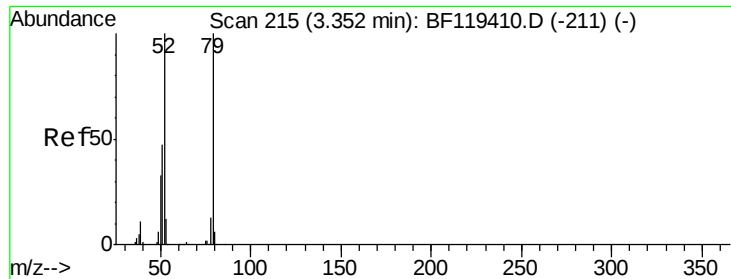


#2

1,4-Dioxane
Concen: 36.64 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.08 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 88 Resp: 322288
Ion Ratio Lower Upper
88 100
58 101.0 79.4 119.2
43 34.8 28.4 42.6





#3

Pyridine

Concen: 36.08 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.08 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

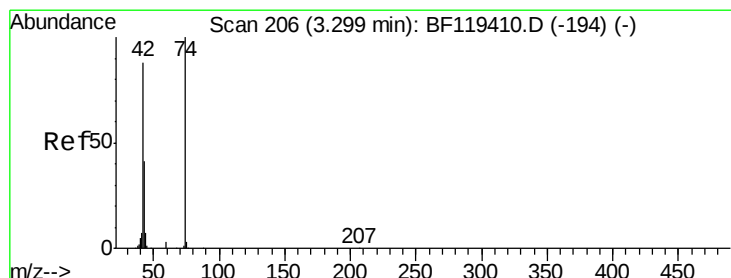
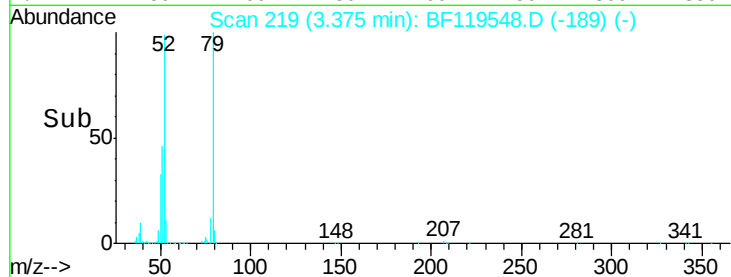
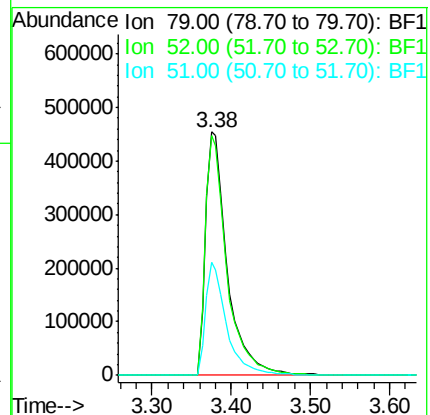
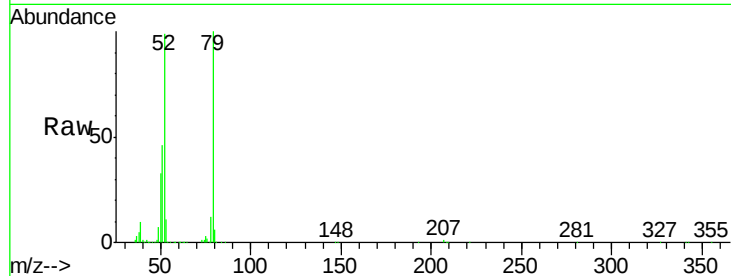
Tgt Ion: 79 Resp: 874328

Ion Ratio Lower Upper

79 100

52 98.5 80.0 120.0

51 46.4 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 42.12 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

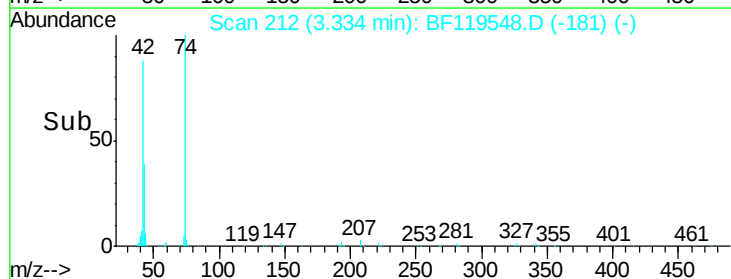
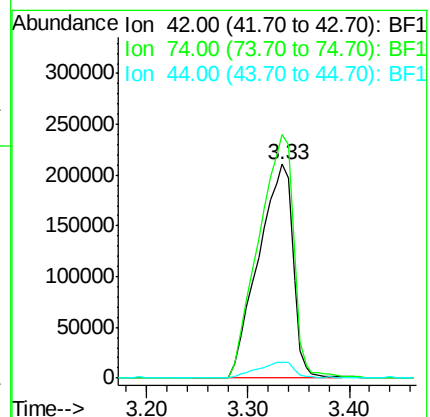
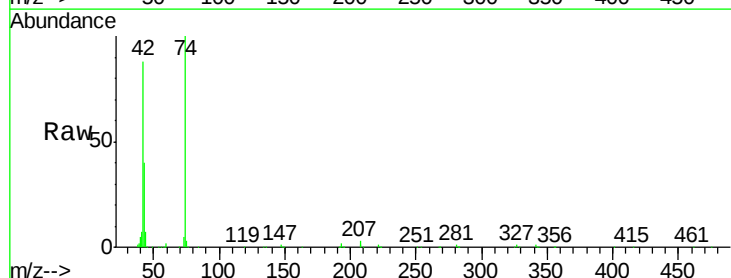
Tgt Ion: 42 Resp: 497737

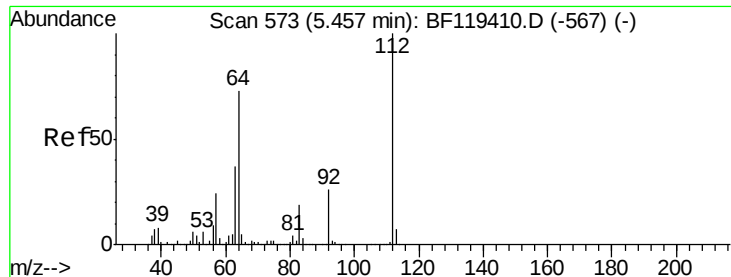
Ion Ratio Lower Upper

42 100

74 113.9 91.3 136.9

44 7.4 7.1 10.7





#5

2-Fluorophenol

Concen: 92.23 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

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ClientSampleId :

SB-30-(8-8.5)MS

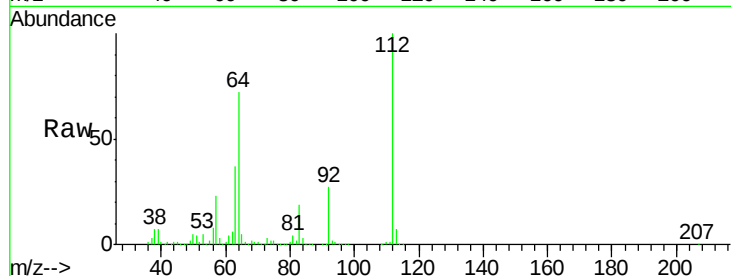
Tgt Ion: 112 Resp: 1642500

Ion Ratio Lower Upper

112 100

64 71.6 58.1 87.1

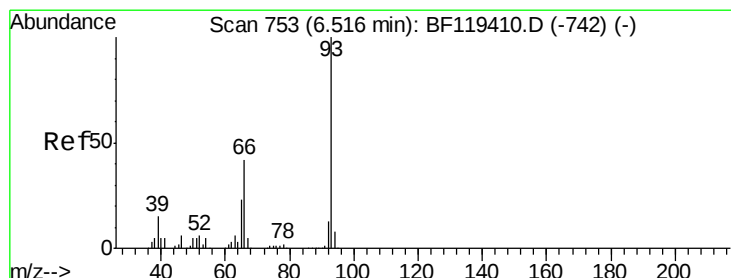
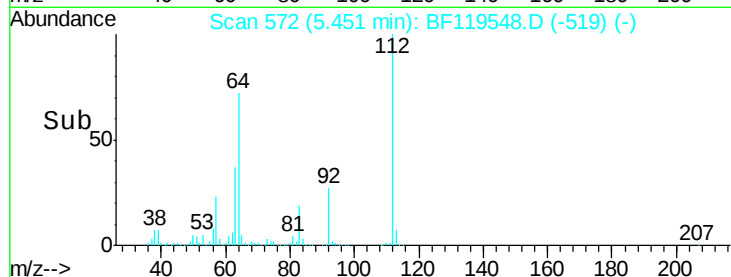
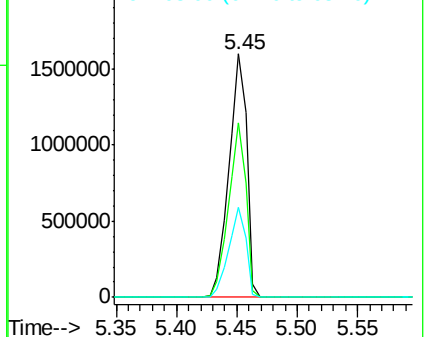
63 37.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.85 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

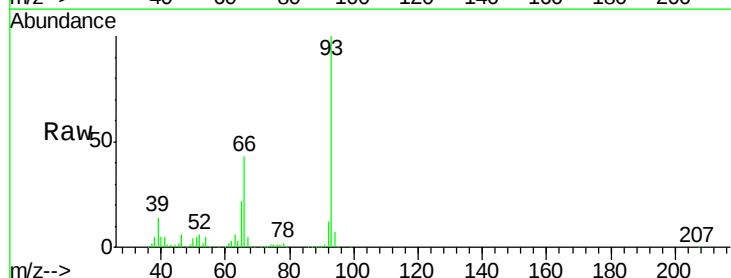
Tgt Ion: 93 Resp: 1031572

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.4

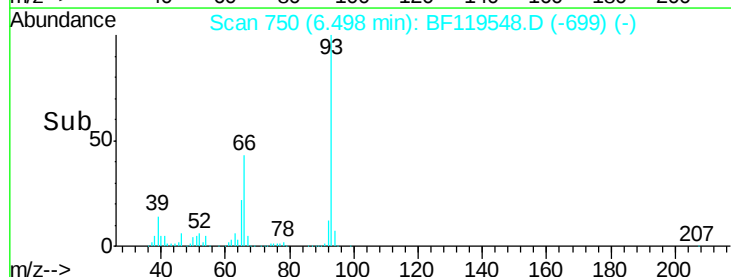
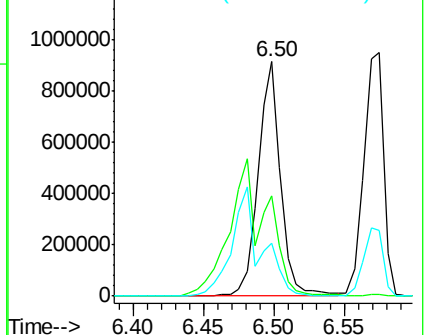
65 22.3 18.2 27.4

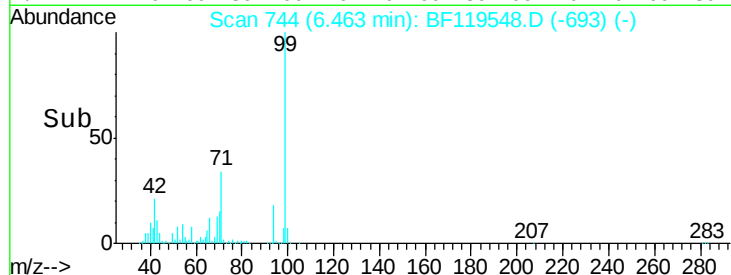
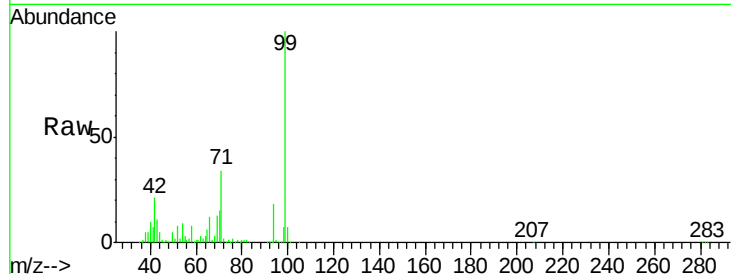
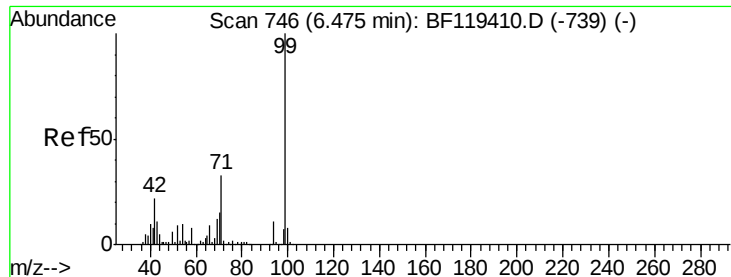


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.75 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

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ClientSampleId :

SB-30-(8-8.5)MS

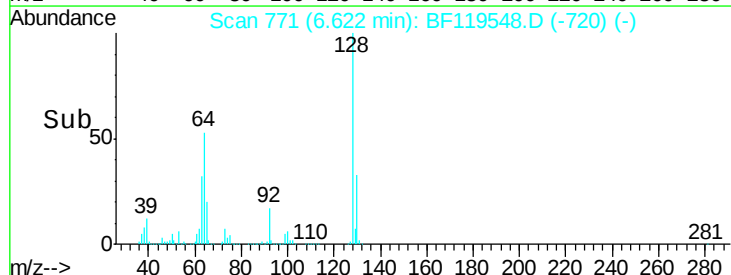
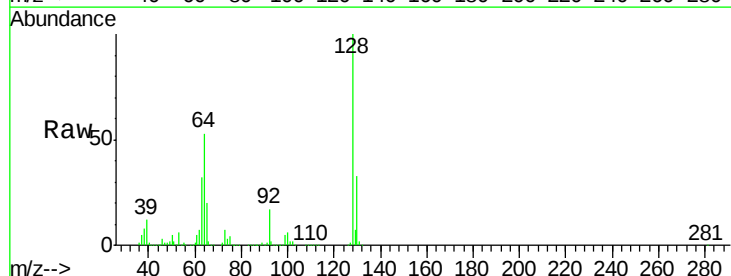
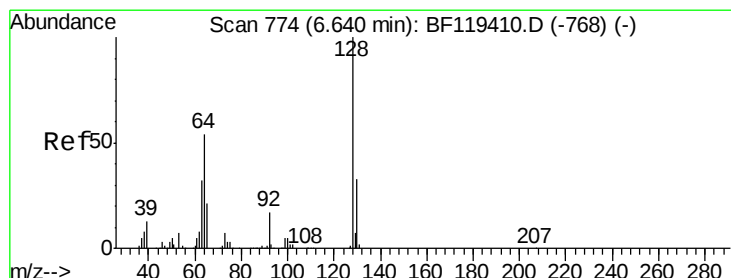
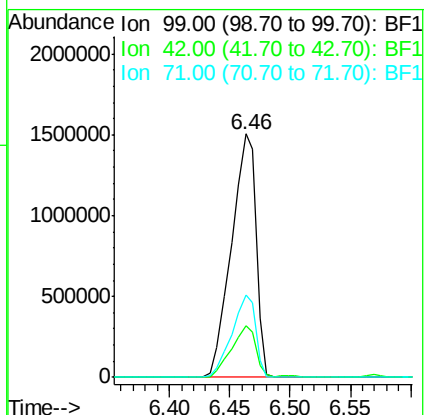
Tgt Ion: 99 Resp: 2132930

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.6 26.0 39.0



#8

2-Chlorophenol

Concen: 51.96 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

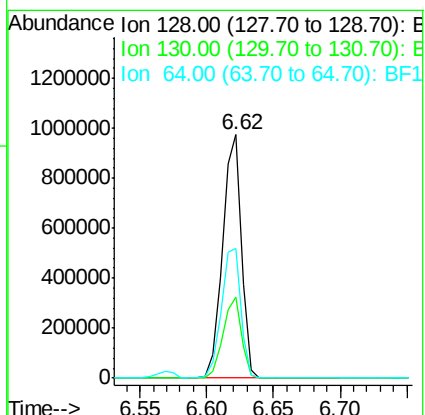
Tgt Ion: 128 Resp: 971895

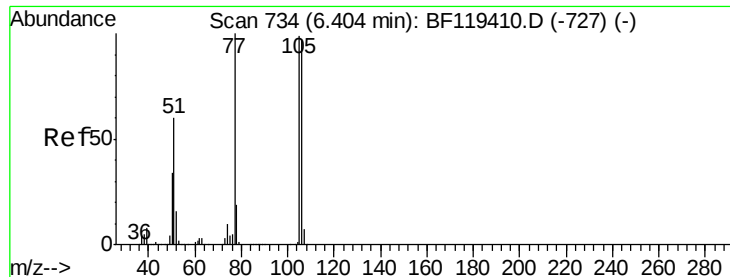
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 41.15 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

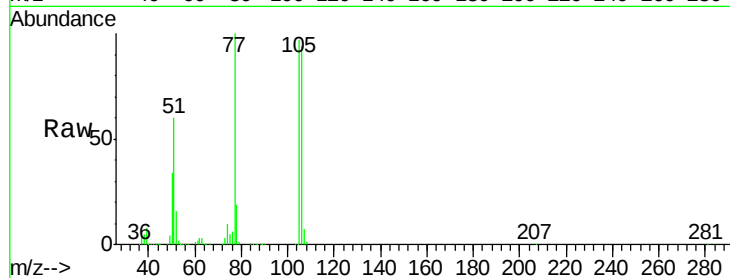
Tgt Ion: 77 Resp: 593817

Ion Ratio Lower Upper

77 100

105 96.5 78.6 118.6

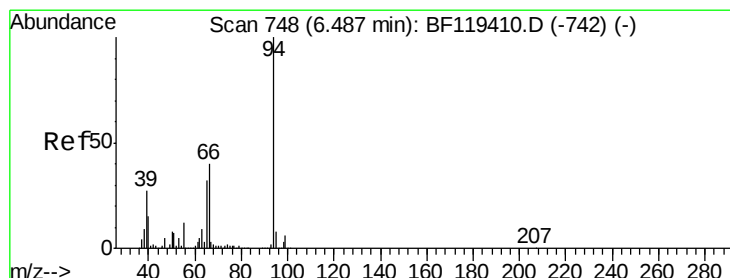
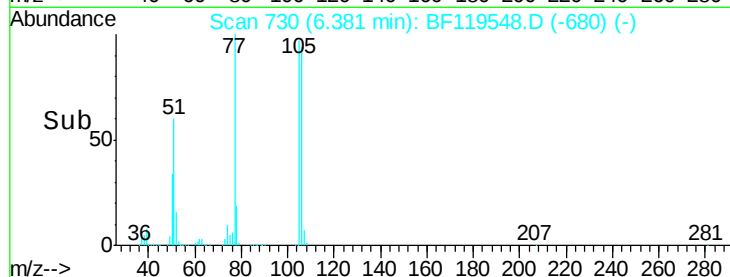
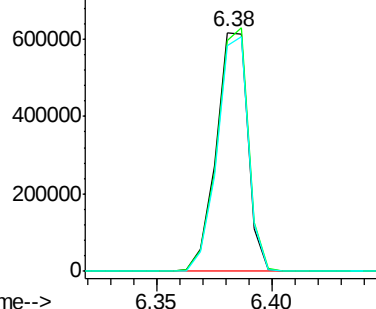
106 94.2 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 51.57 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

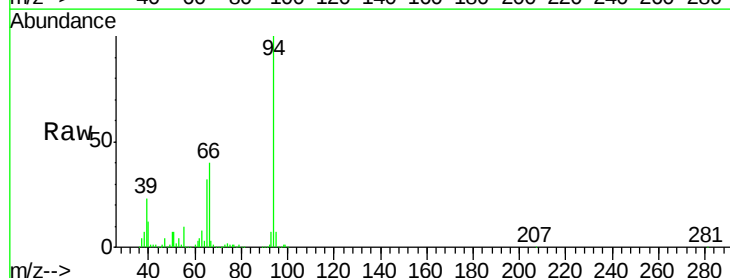
Tgt Ion: 94 Resp: 1251940

Ion Ratio Lower Upper

94 100

65 32.0 12.0 52.0

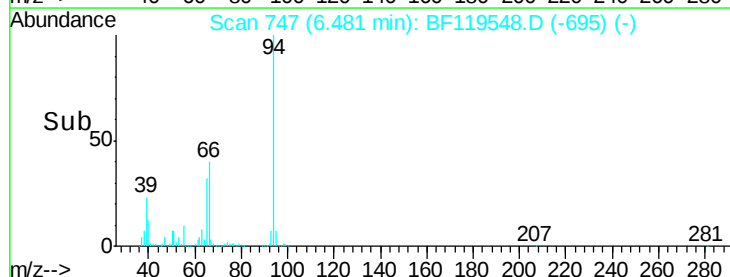
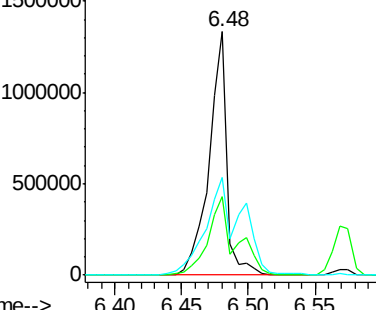
66 40.3 20.6 60.6

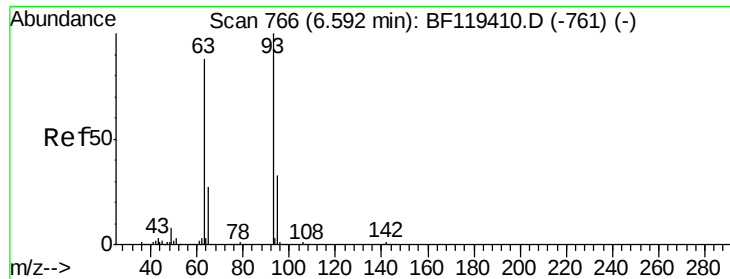


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

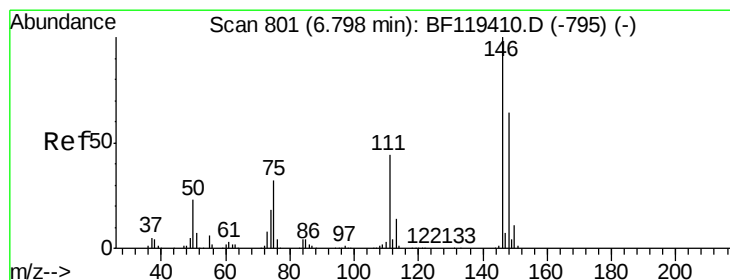
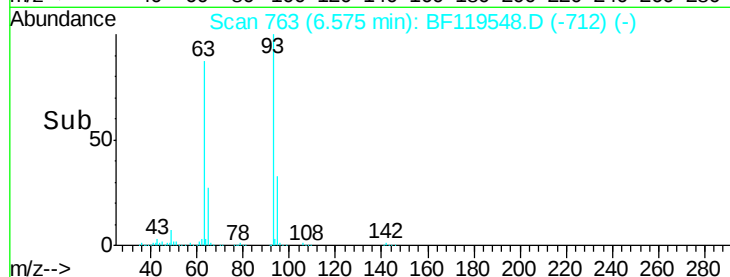
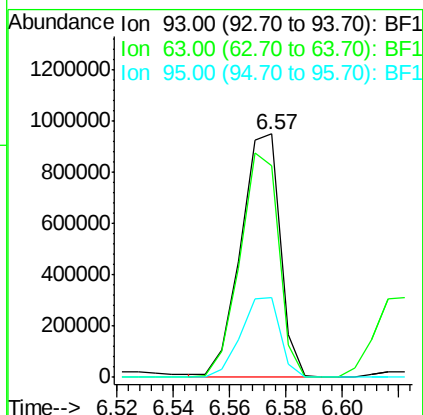
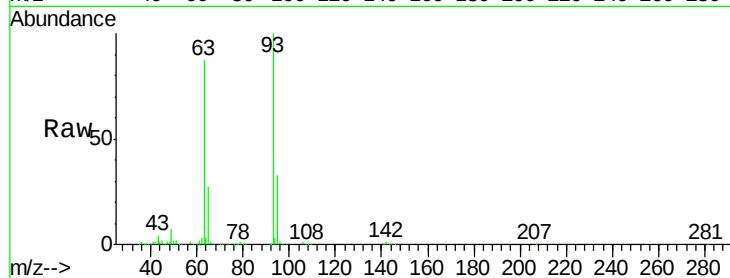




#11
bis(2-Chloroethyl)ether
Concen: 47.39 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

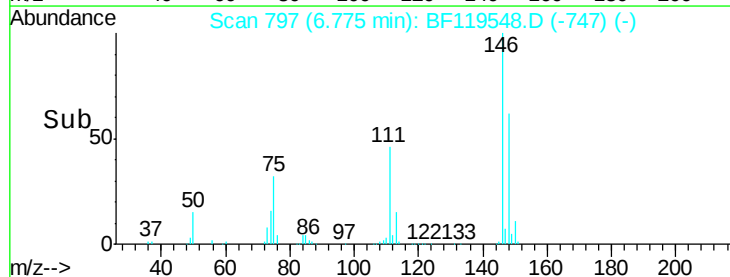
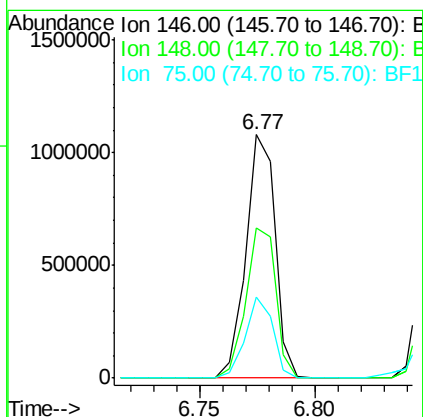
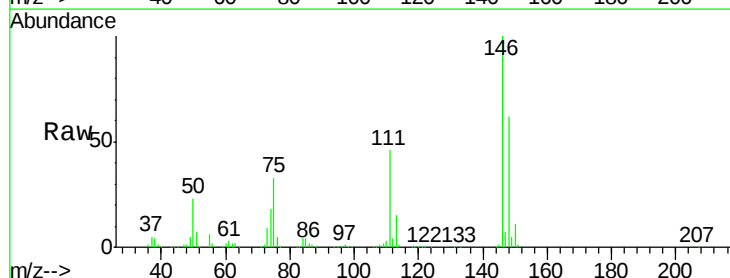
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

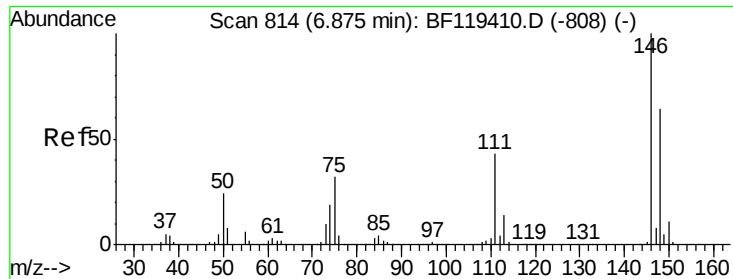
Tgt Ion: 93 Resp: 920075
Ion Ratio Lower Upper
93 100
63 87.1 68.4 108.4
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 47.29 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 146 Resp: 957451
Ion Ratio Lower Upper
146 100
148 61.8 51.4 77.0
75 33.2 25.8 38.8

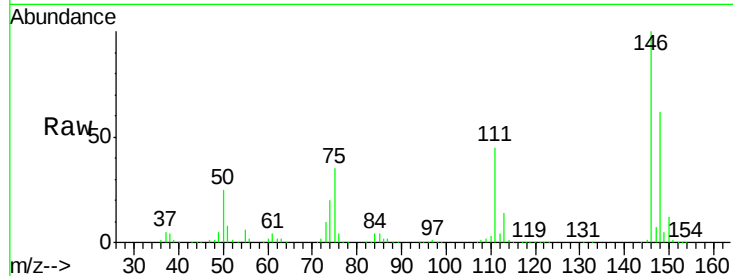




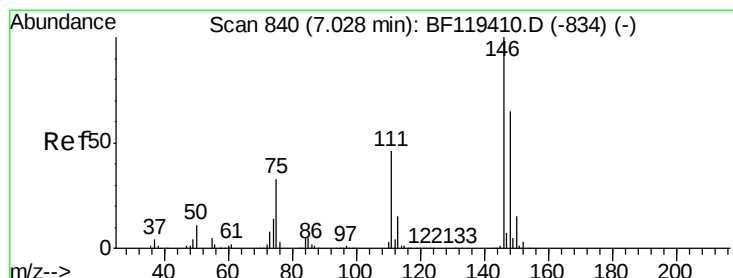
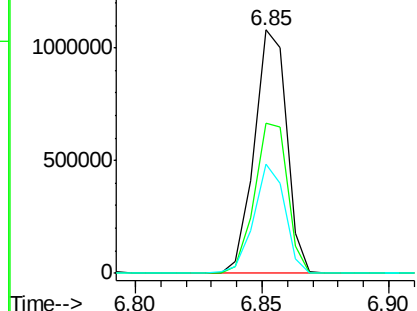
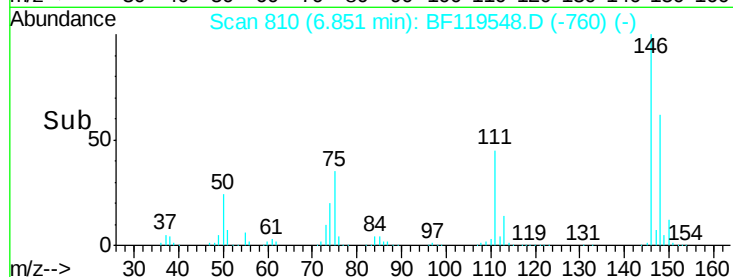
#13
 1,4-Dichlorobenzene
 Concen: 47.65 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

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

Tgt Ion:146 Resp: 964917
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.9 76.3
 111 44.6 34.6 52.0

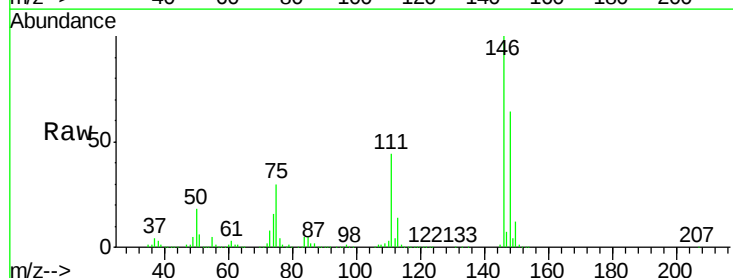


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

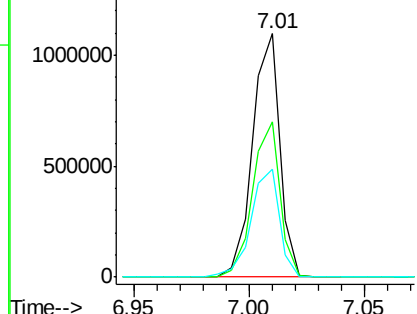
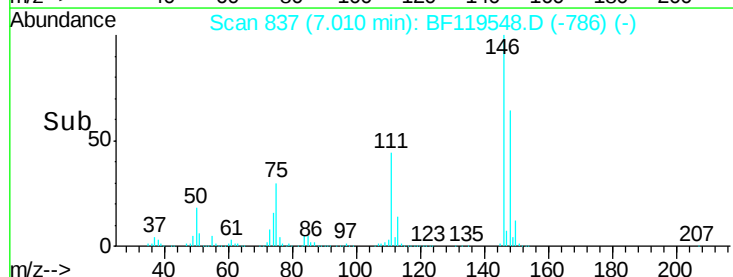


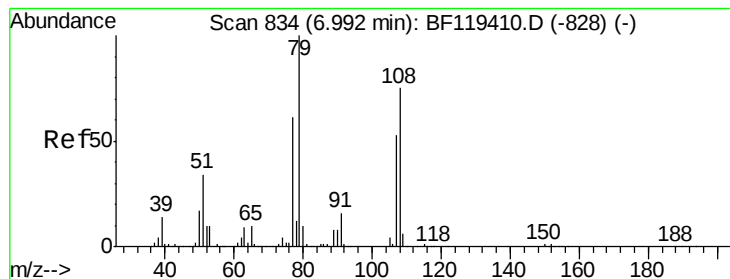
#14
 1,2-Dichlorobenzene
 Concen: 47.95 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:146 Resp: 907557
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 111 44.1 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.41 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

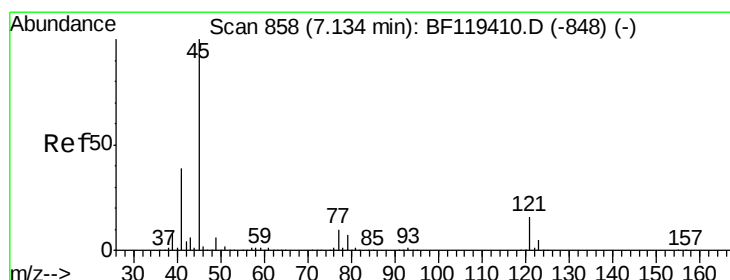
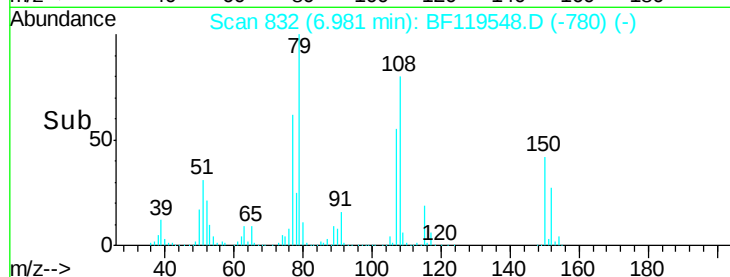
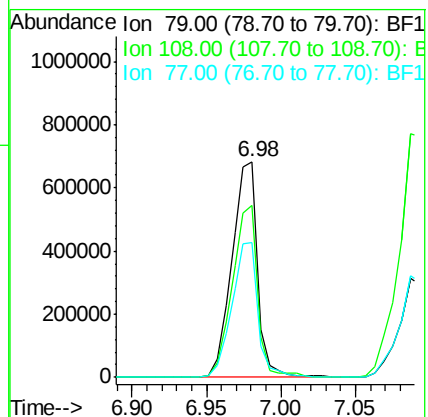
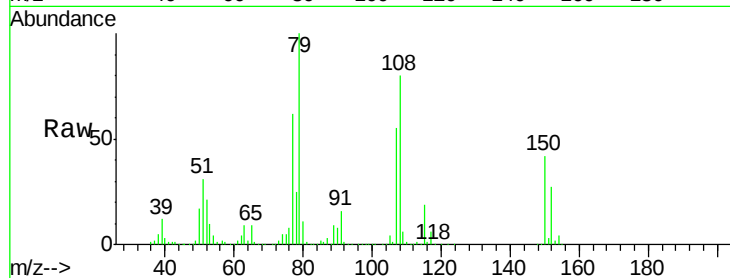
Tgt Ion: 79 Resp: 828408

Ion Ratio Lower Upper

79 100

108 79.7 60.4 90.6

77 62.2 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.02 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

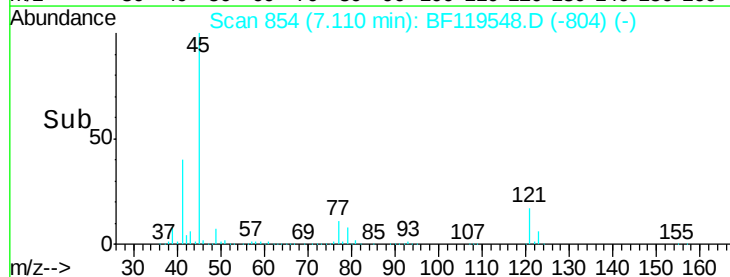
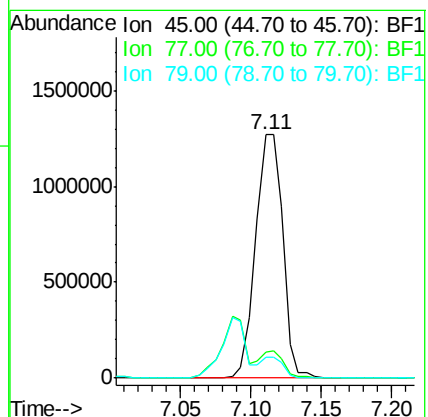
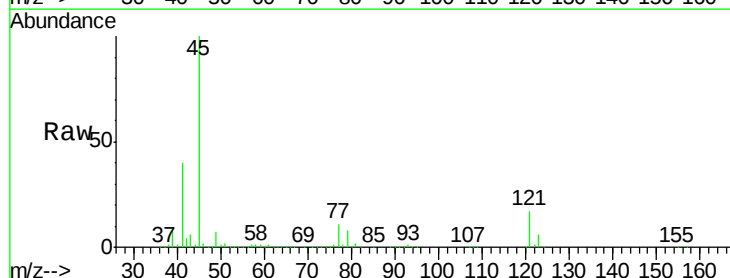
Tgt Ion: 45 Resp: 1723978

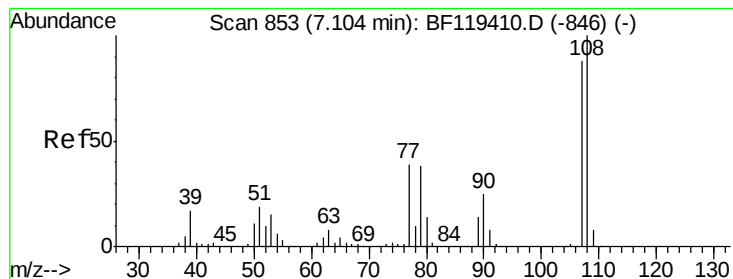
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.1

79 8.4 0.0 27.4





#17

2-Methylphenol

Concen: 45.23 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:107 Resp: 775077

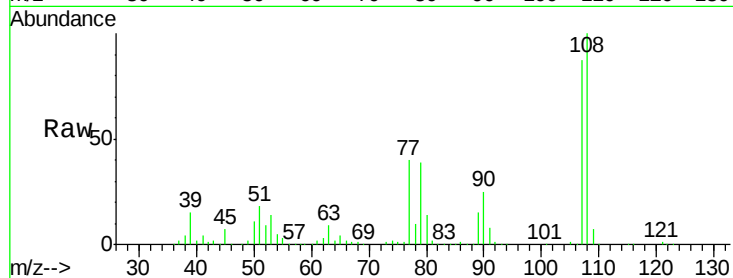
Ion Ratio Lower Upper

107 100

108 114.7 90.7 136.1

77 45.7 35.6 53.4

79 44.4 34.7 52.1

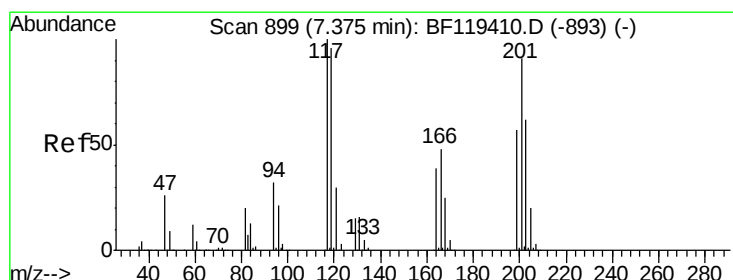
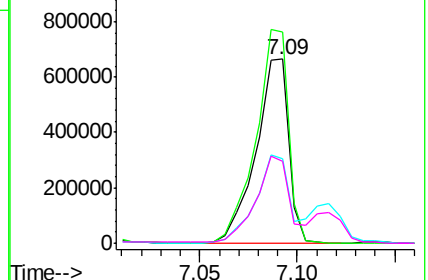
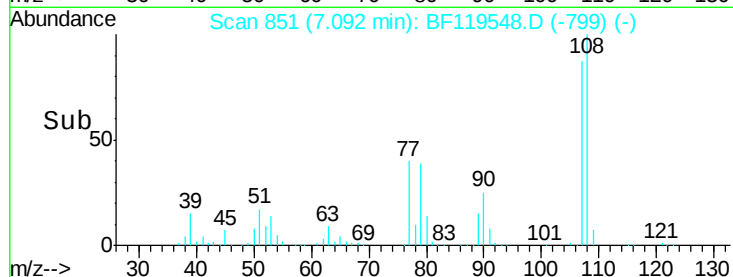


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.40 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

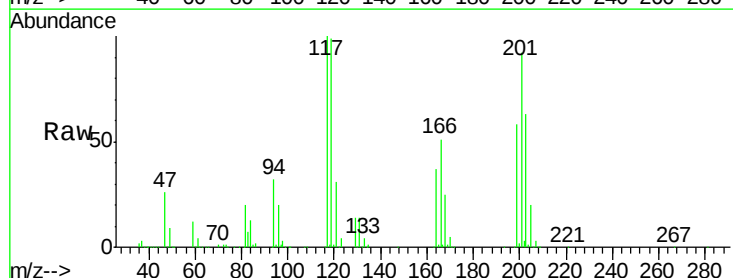
Tgt Ion:117 Resp: 366617

Ion Ratio Lower Upper

117 100

119 98.8 76.8 115.2

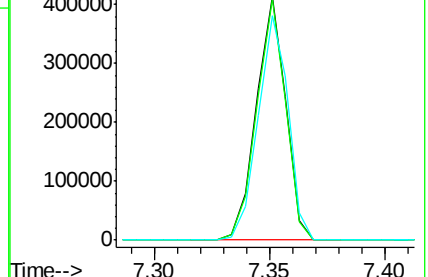
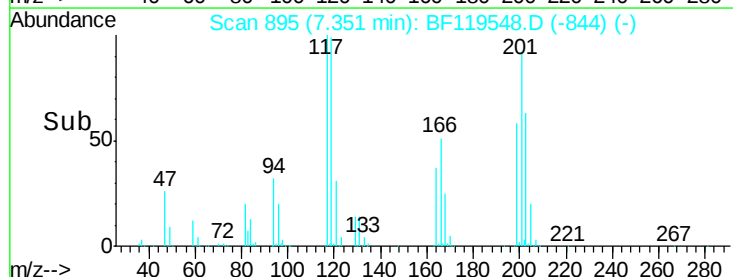
201 92.1 72.5 108.7

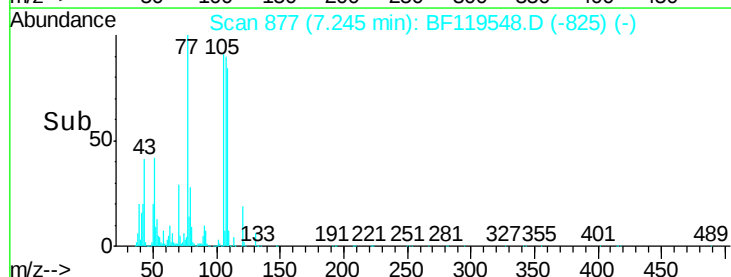
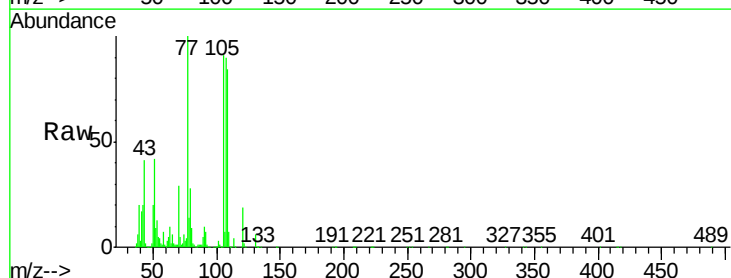
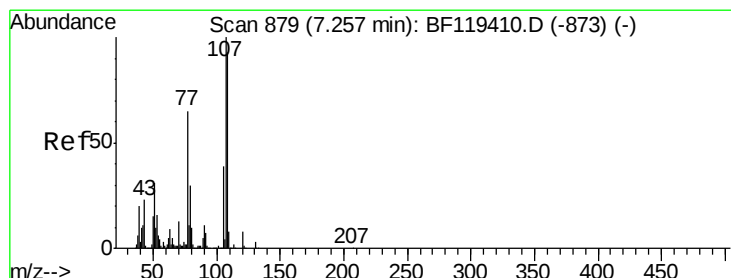
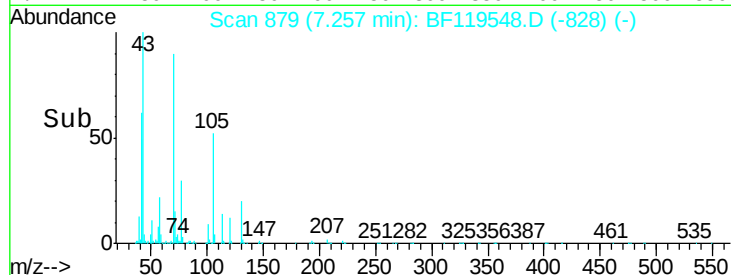
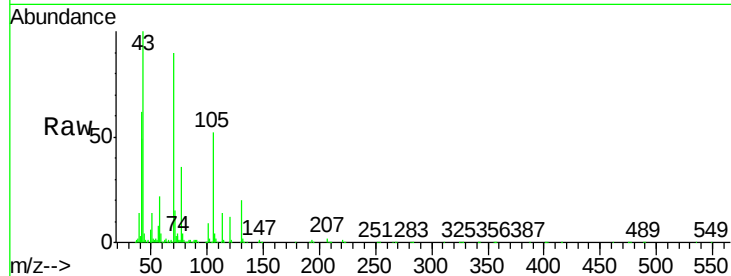
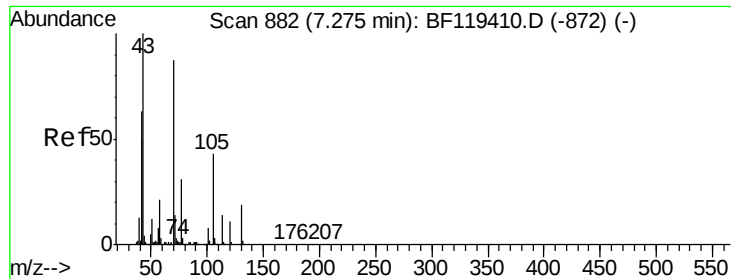


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

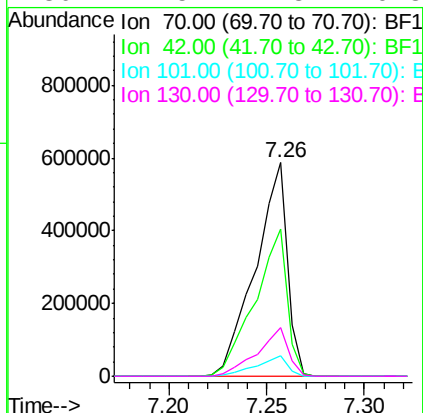




#19
n-Nitroso-di-n-propylamine
Concen: 48.80 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

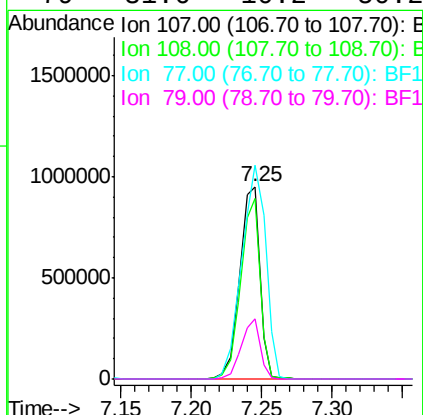
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

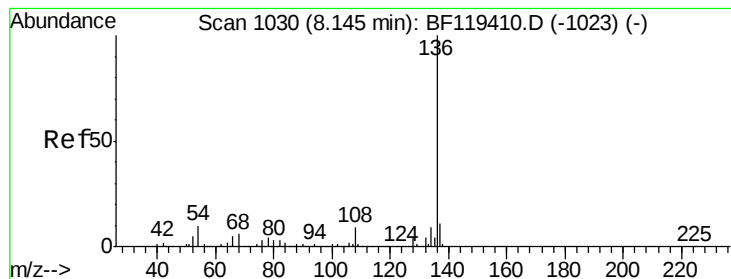
Tgt Ion:	70	Resp:	669140
Ion	Ratio	Lower	Upper
70	100		
42	68.8	58.2	87.4
101	9.5	7.4	11.2
130	22.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.09 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:	107	Resp:	946950
Ion	Ratio	Lower	Upper
107	100		
108	93.8	72.6	112.6
77	111.2	44.7	84.7#
79	31.6	10.2	50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:136 Resp: 1118181

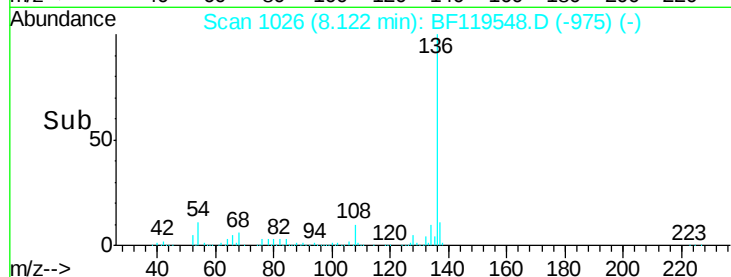
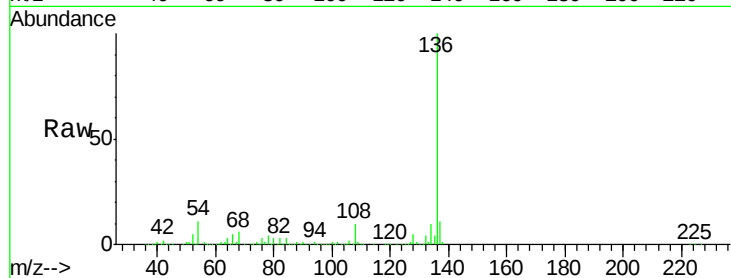
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.9 8.3 12.5

68 5.8 4.9 7.3

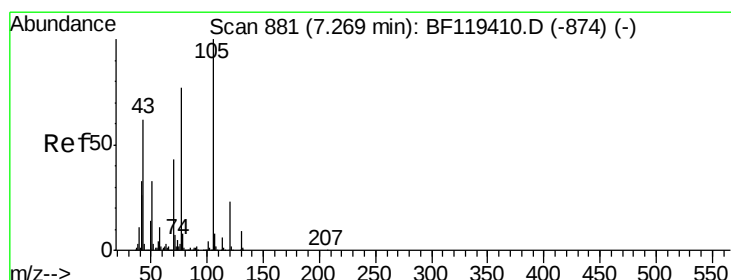
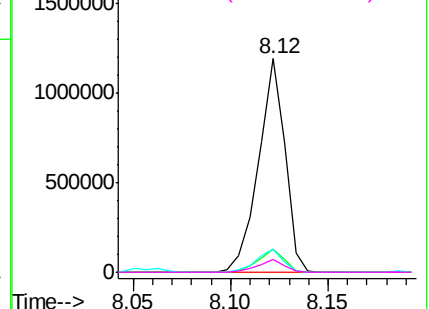


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.87 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:105 Resp: 1252183

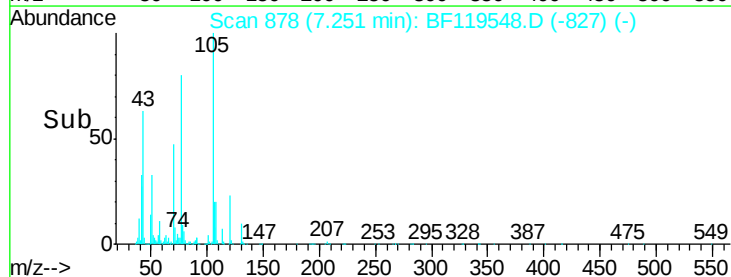
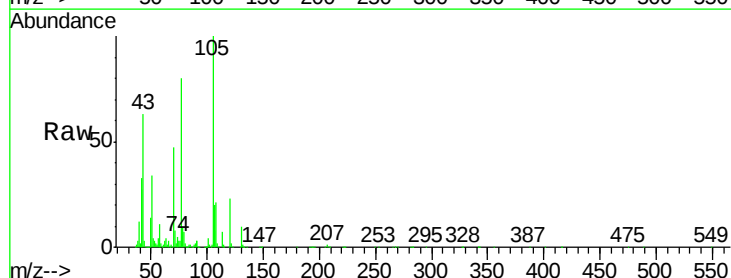
Ion Ratio Lower Upper

105 100

71 7.8 5.8 8.6

51 33.5 26.8 40.2

120 23.0 18.0 27.0

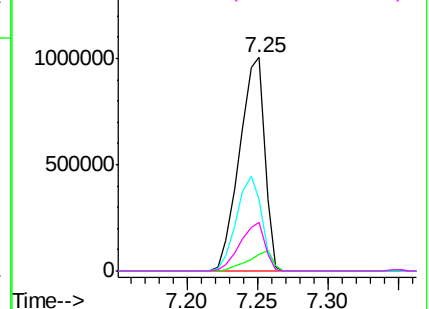


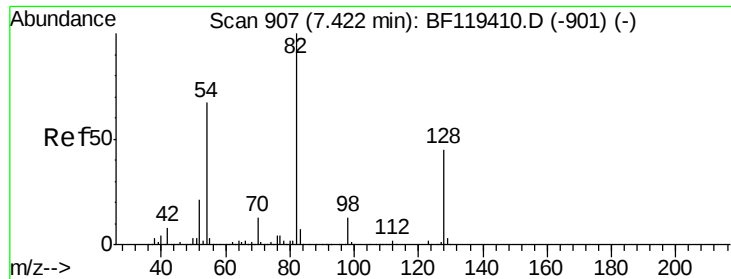
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

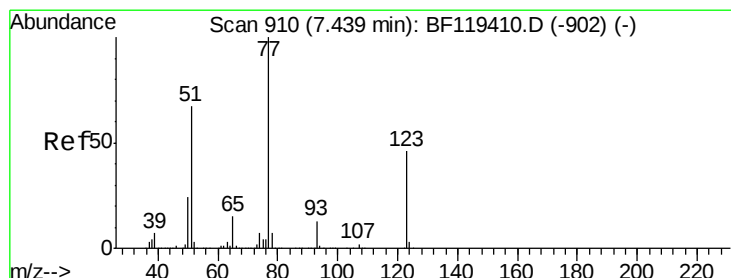
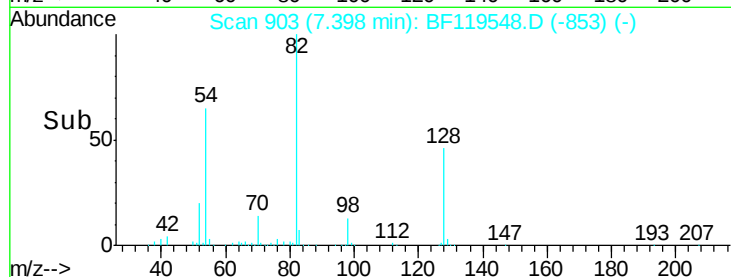
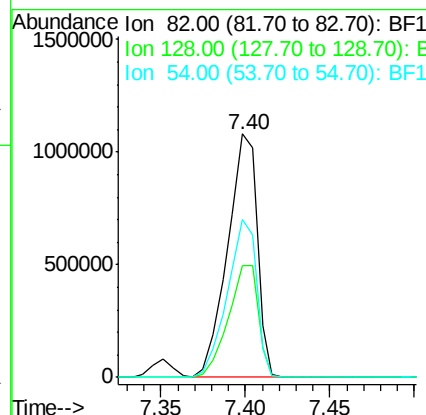
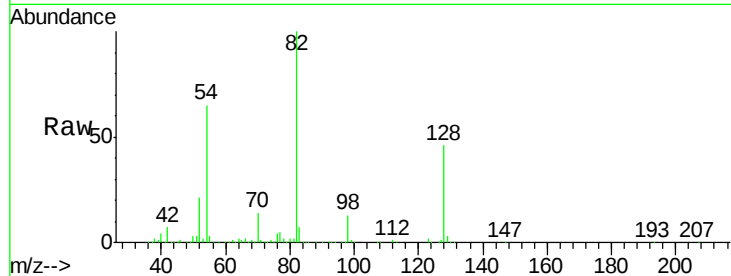




#23
 Nitrobenzene-d5
 Concen: 63.86 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

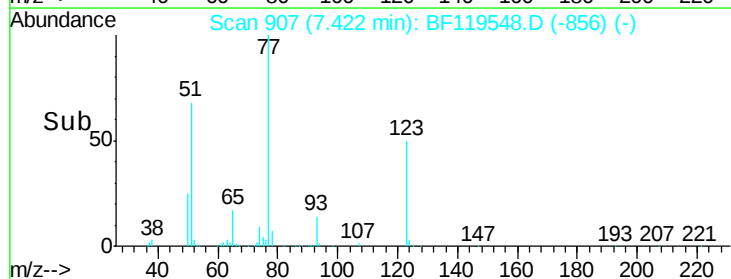
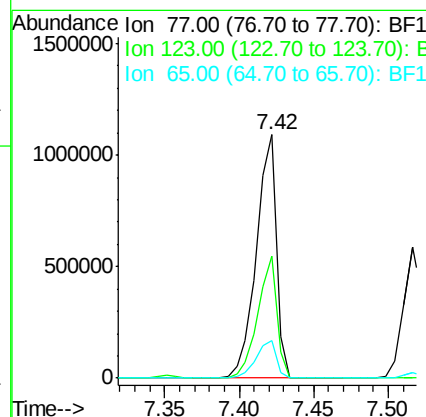
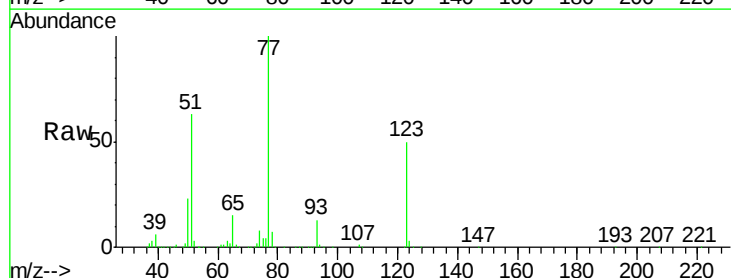
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

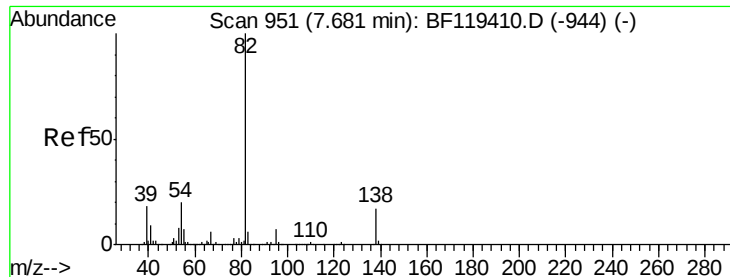
Tgt Ion: 82 Resp: 1313880
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.8 53.8
 54 64.7 53.4 80.0



#24
 Nitrobenzene
 Concen: 46.05 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion: 77 Resp: 1012606
 Ion Ratio Lower Upper
 77 100
 123 50.3 36.9 55.3
 65 15.2 12.2 18.4

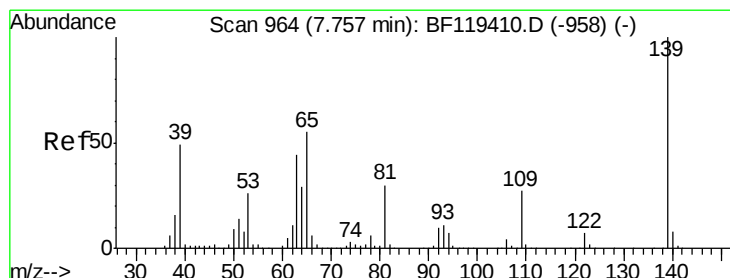
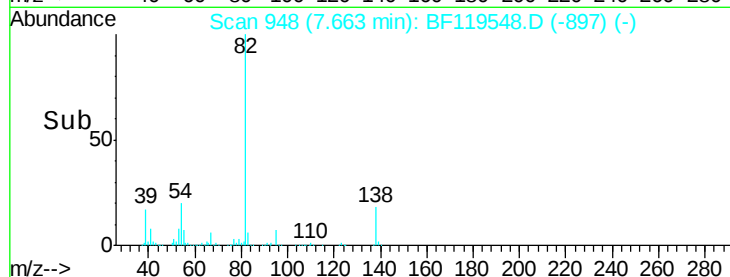
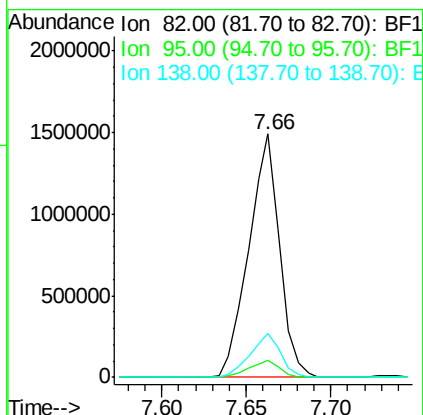
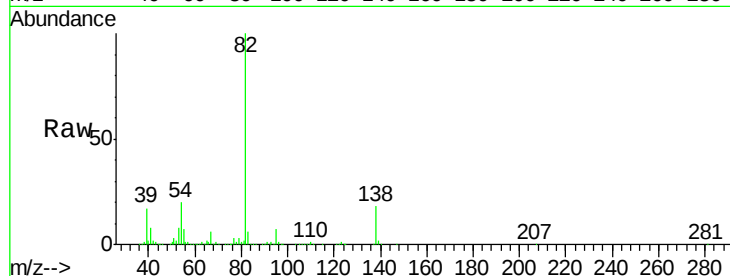




#25
Isophorone
Concen: 45.28 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

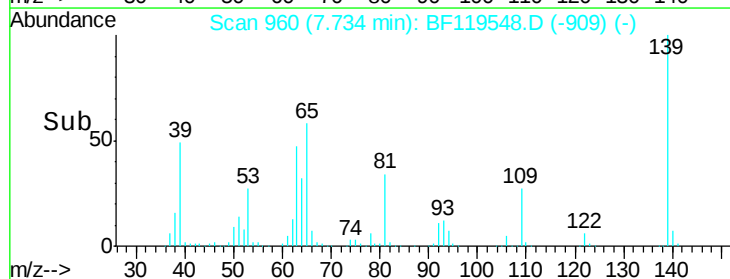
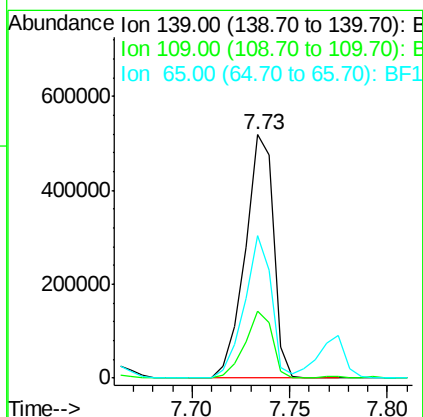
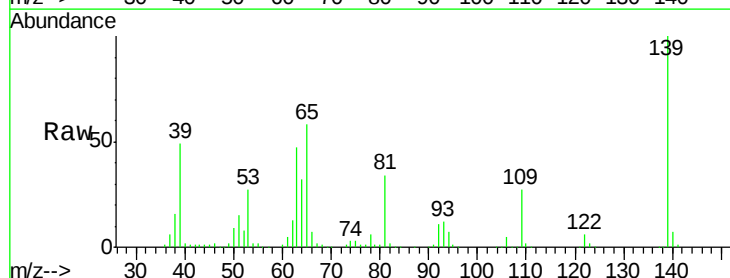
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

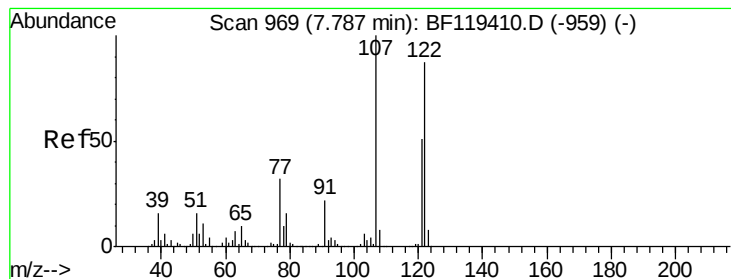
Tgt Ion: 82 Resp: 1889981
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.3 13.8 20.8



#26
2-Nitrophenol
Concen: 60.49 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 139 Resp: 523693
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 58.3 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 47.66 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

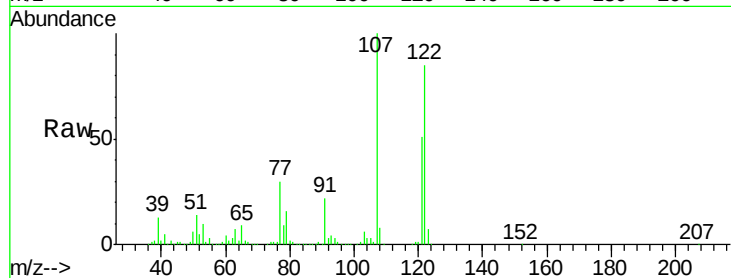
Tgt Ion:122 Resp: 853261

Ion Ratio Lower Upper

122 100

107 117.4 91.8 137.6

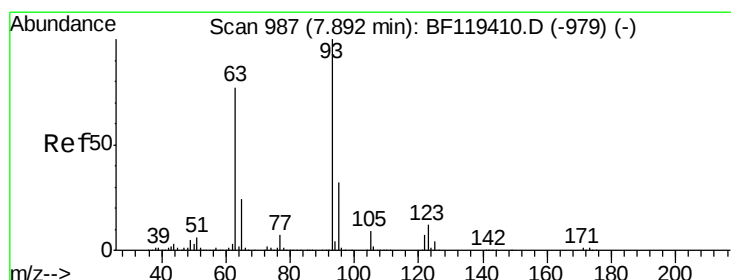
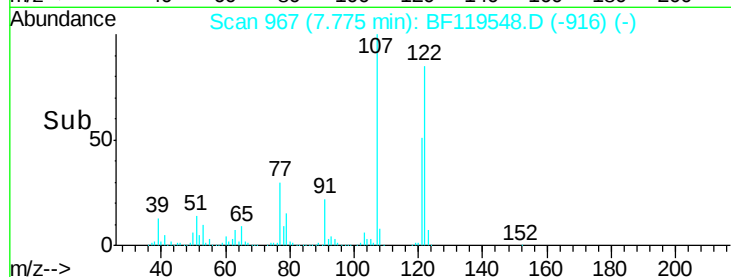
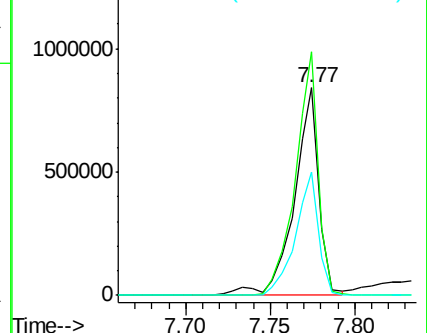
121 59.6 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.11 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

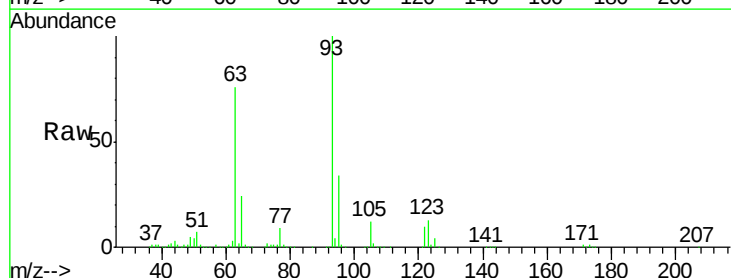
Tgt Ion: 93 Resp: 1187394

Ion Ratio Lower Upper

93 100

95 33.6 26.0 39.0

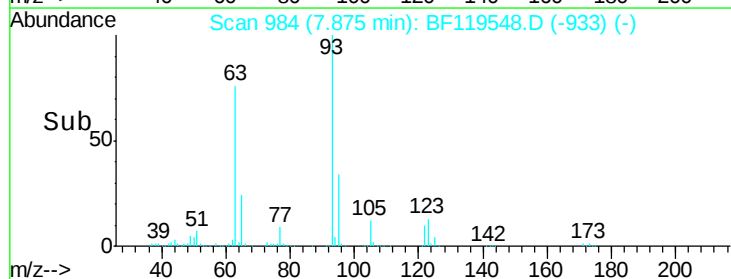
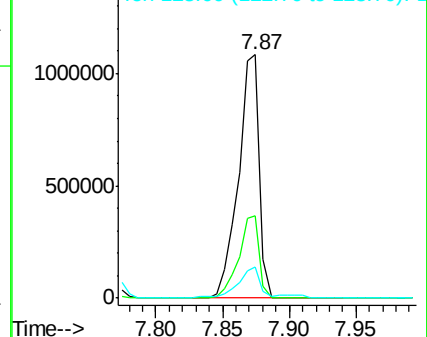
123 12.7 9.7 14.5



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

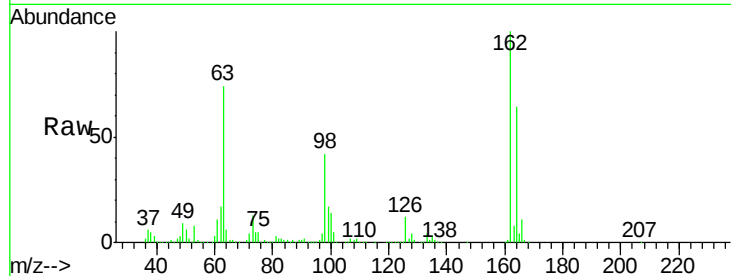




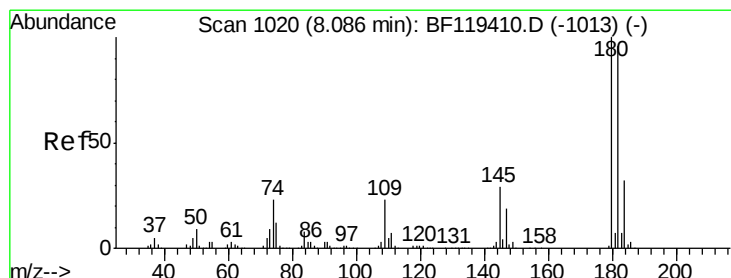
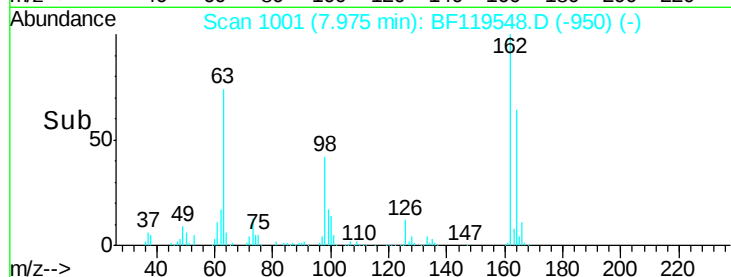
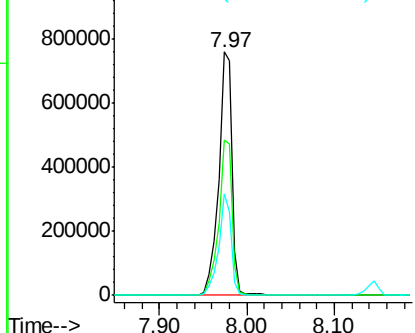
#29
 2,4-Dichlorophenol
 Concen: 48.89 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	41.7	20.4	60.4

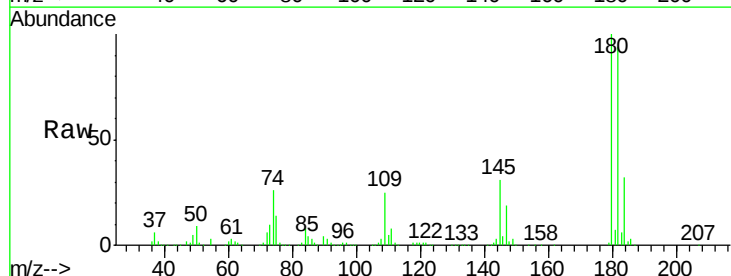


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

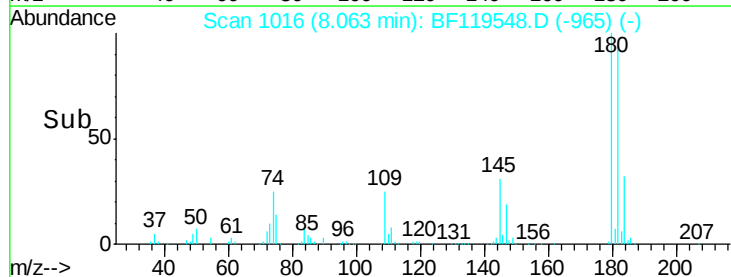
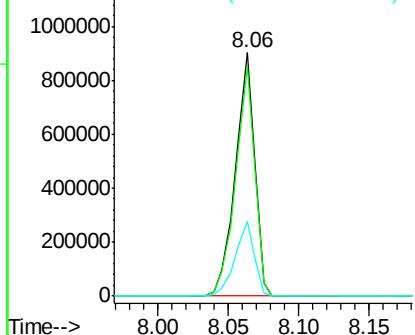


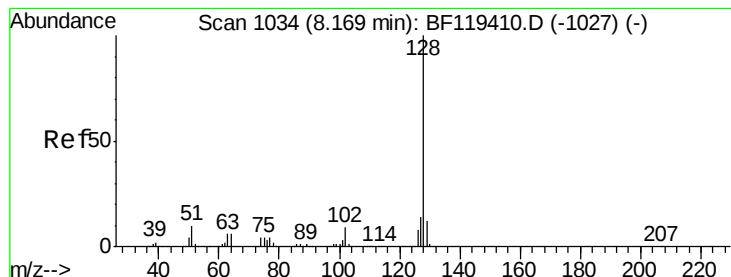
#30
 1,2,4-Trichlorobenzene
 Concen: 47.06 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	115.0
145	30.7	23.2	34.8



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: 46.17 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

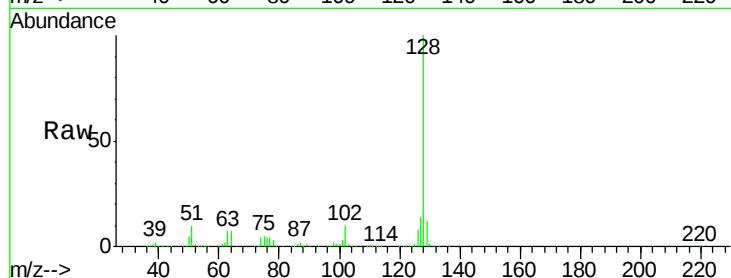
Tgt Ion:128 Resp: 2656935

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

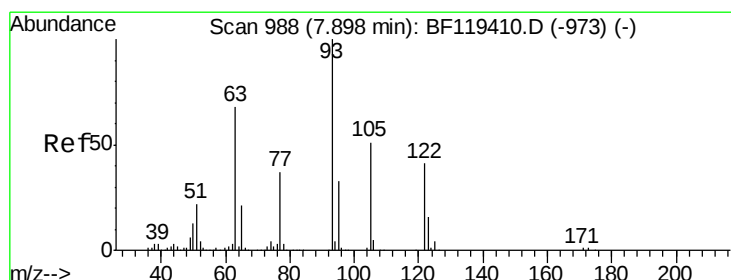
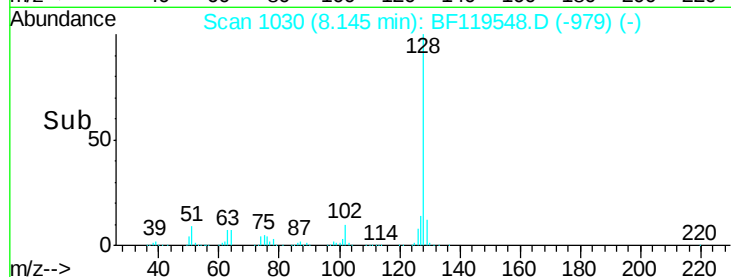
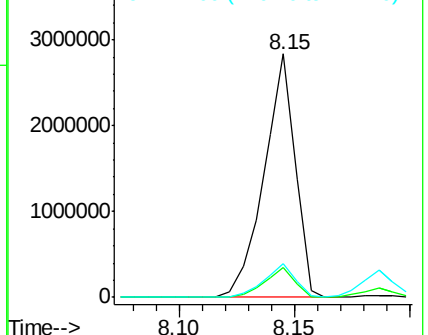
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.79 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

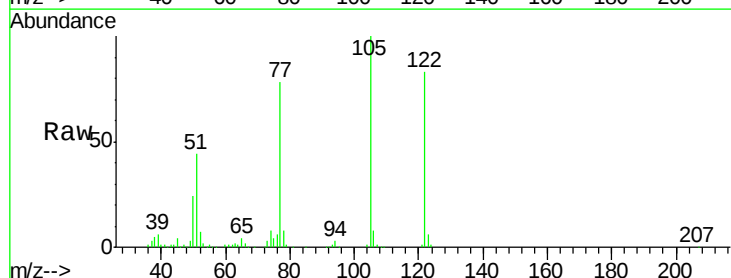
Tgt Ion:122 Resp: 688514

Ion Ratio Lower Upper

122 100

105 120.1 102.9 142.9

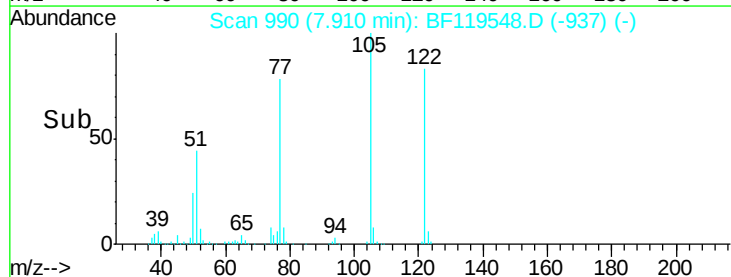
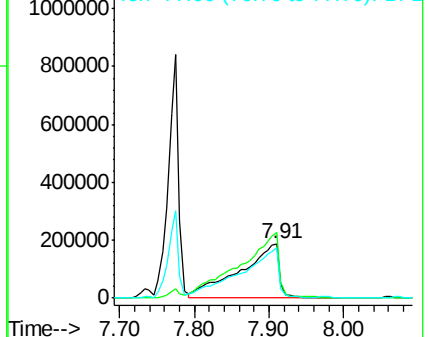
77 93.7 70.1 110.1

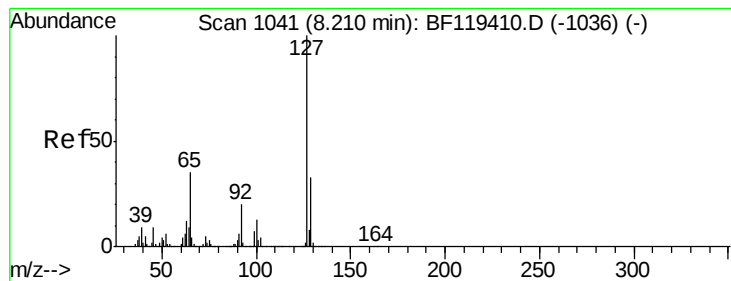


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.64 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:127 Resp: 333391

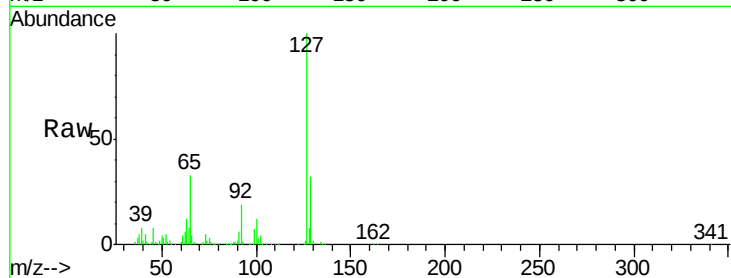
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.4

65 32.7 27.7 41.5

92 19.0 15.8 23.6

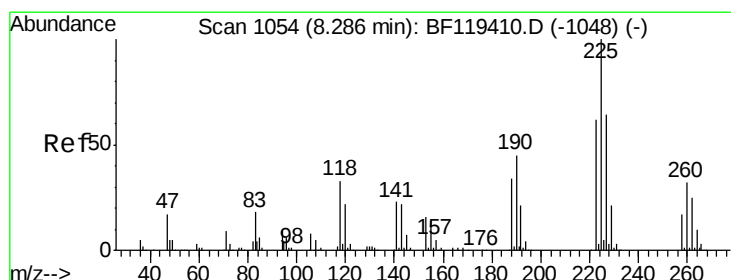
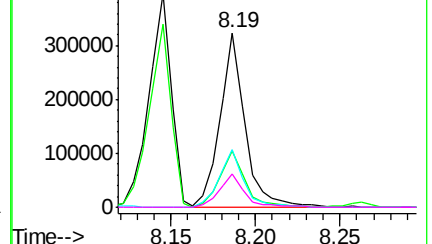
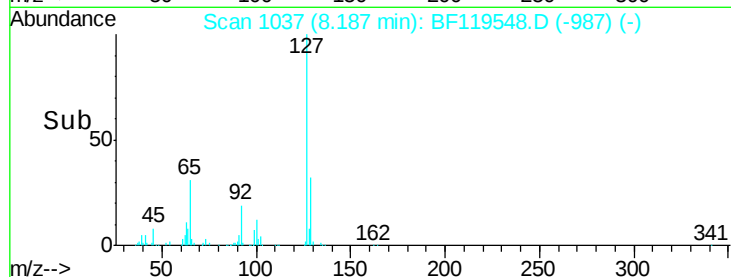


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 47.74 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

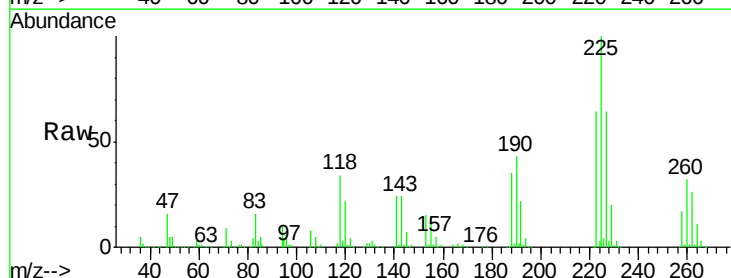
Tgt Ion:225 Resp: 485901

Ion Ratio Lower Upper

225 100

223 63.6 49.2 73.8

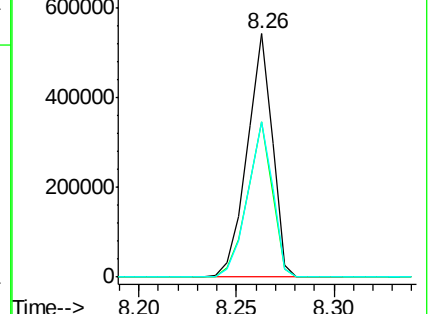
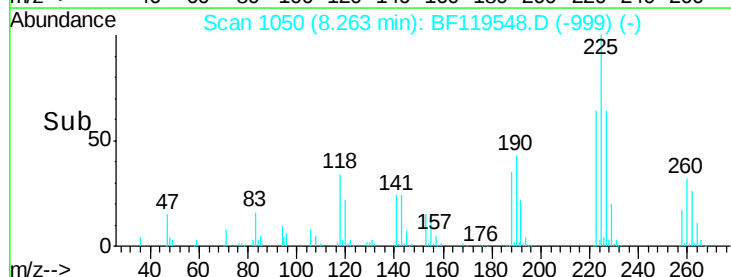
227 64.0 51.1 76.7

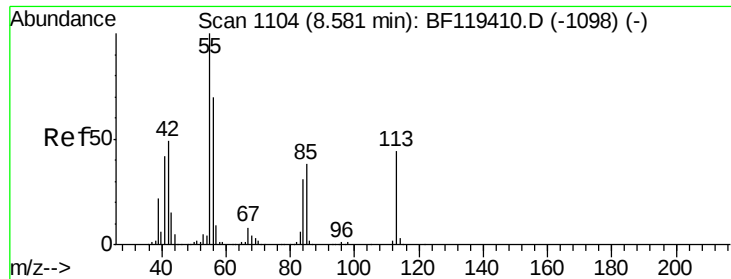


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

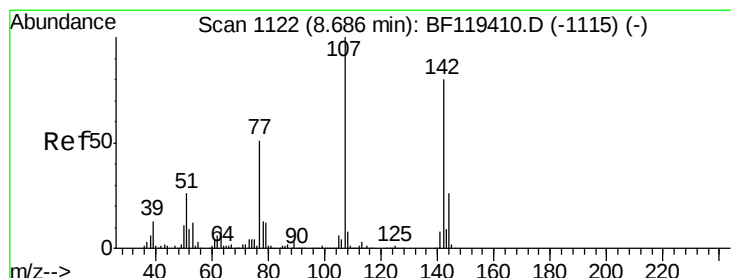
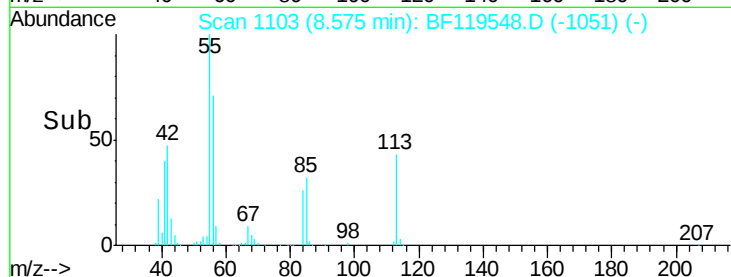
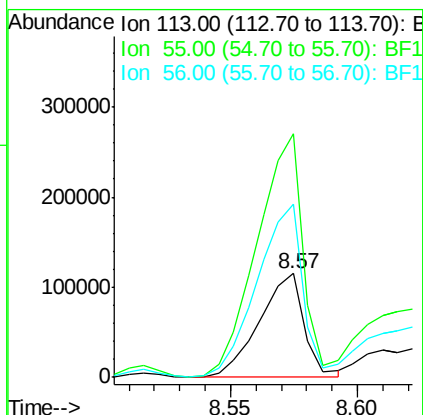
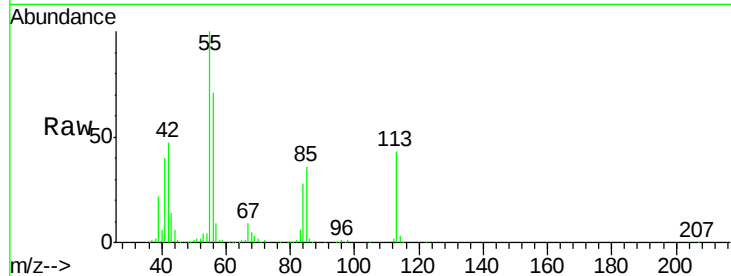




#35
 Caprolactam
 Concen: 26.61 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

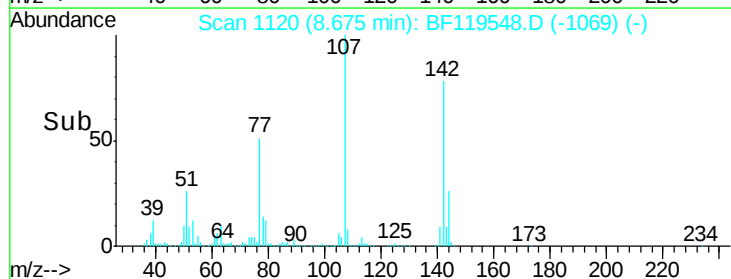
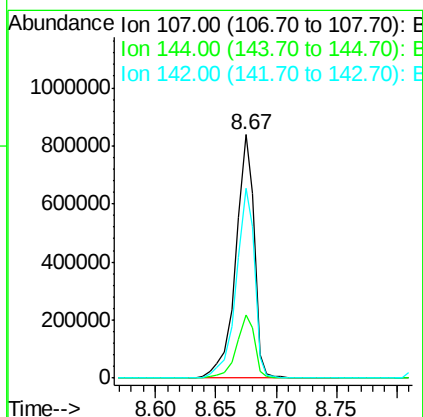
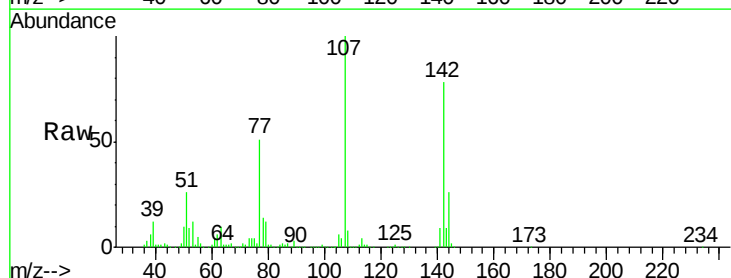
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

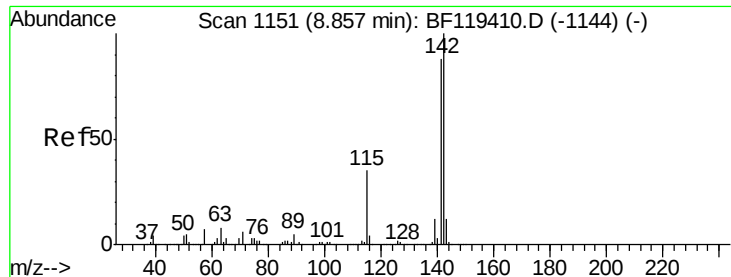
Tgt Ion:113 Resp: 143234
 Ion Ratio Lower Upper
 113 100
 55 234.4 208.4 248.4
 56 166.9 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.88 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:107 Resp: 896784
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 31.0
 142 77.9 63.8 95.6

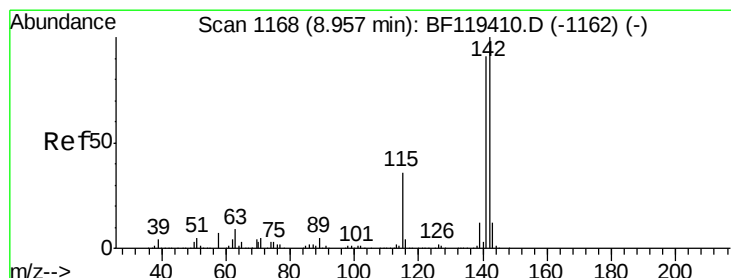
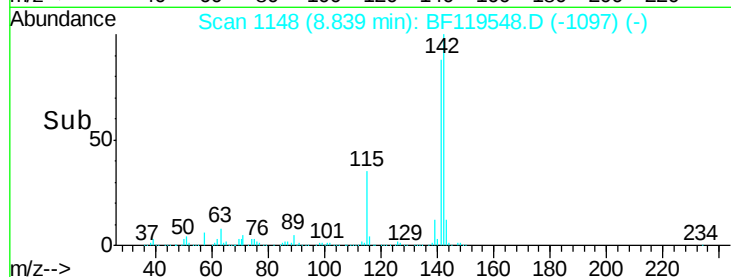
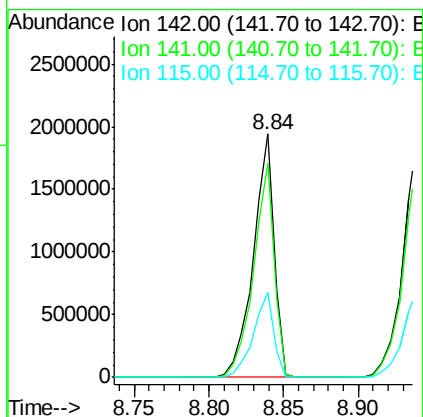
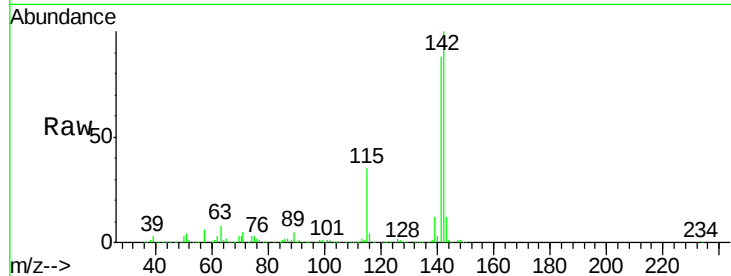




#37
 2-Methylnaphthalene
 Concen: 49.10 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

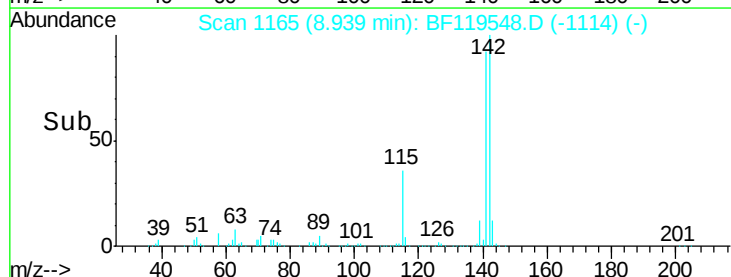
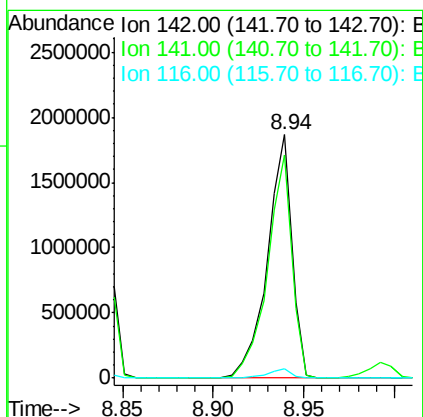
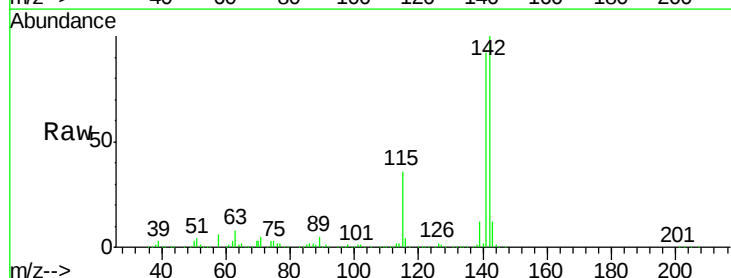
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

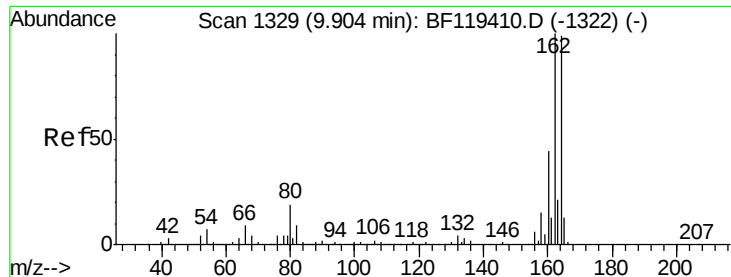
Tgt Ion:142 Resp: 1854390
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.4 105.6
 115 35.1 27.8 41.6



#38
 1-Methylnaphthalene
 Concen: 49.11 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:142 Resp: 1755504
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.1 109.7
 116 3.9 3.0 4.6

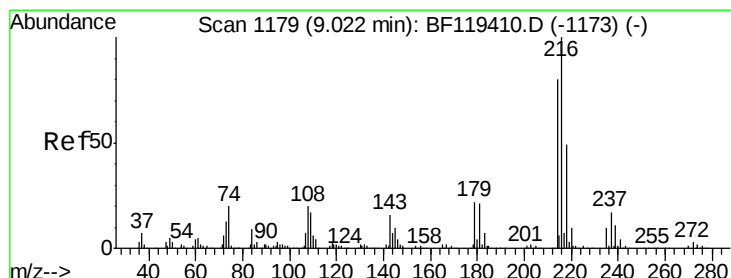
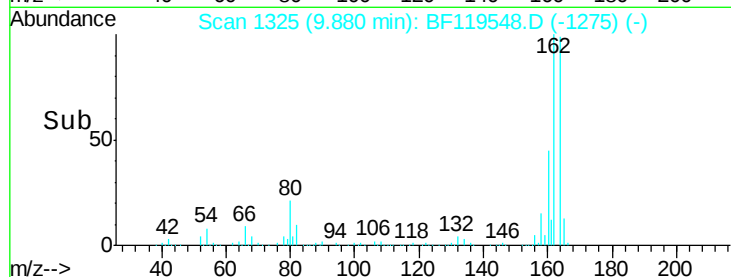
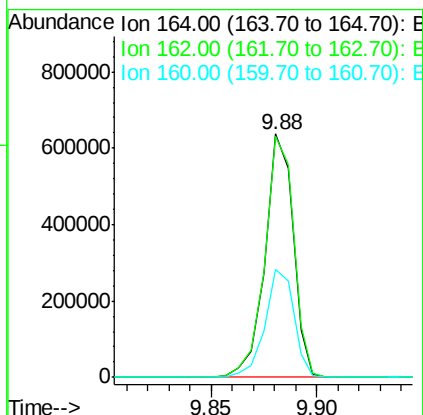
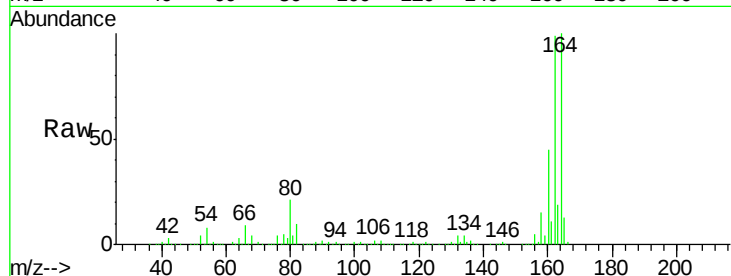




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

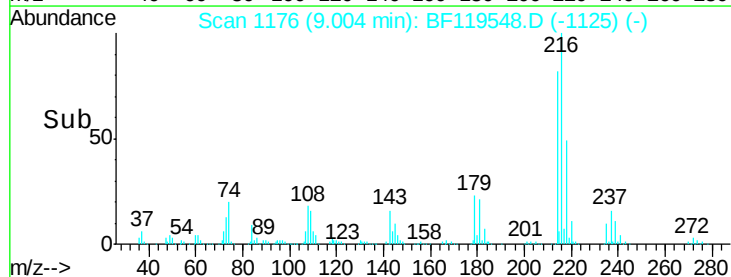
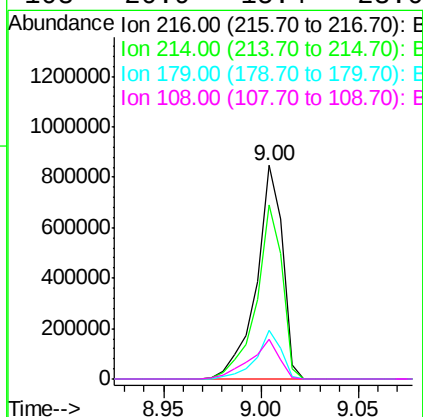
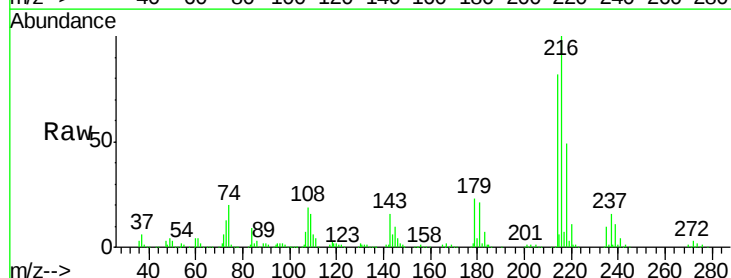
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

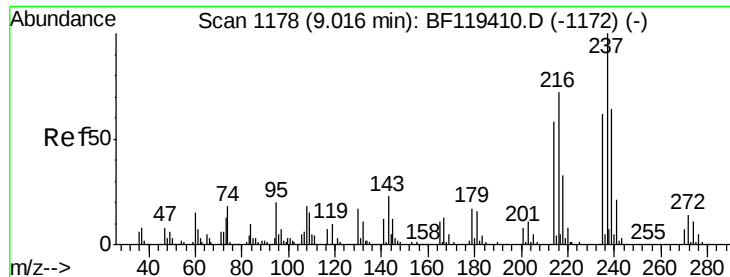
Tgt Ion:164 Resp: 596241
Ion Ratio Lower Upper
164 100
162 98.8 80.7 121.1
160 44.6 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.16 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:216 Resp: 789147
Ion Ratio Lower Upper
216 100
214 80.3 63.0 94.6
179 21.6 17.0 25.4
108 20.9 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 97.84 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

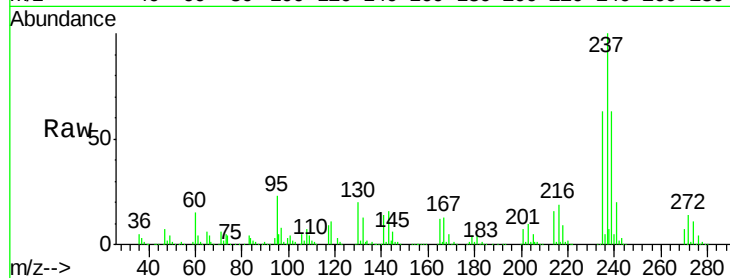
Tgt Ion:237 Resp: 972138

Ion Ratio Lower Upper

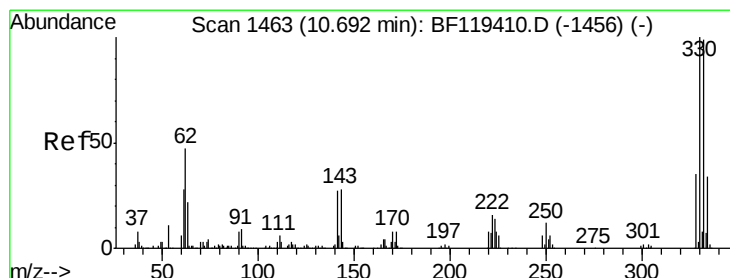
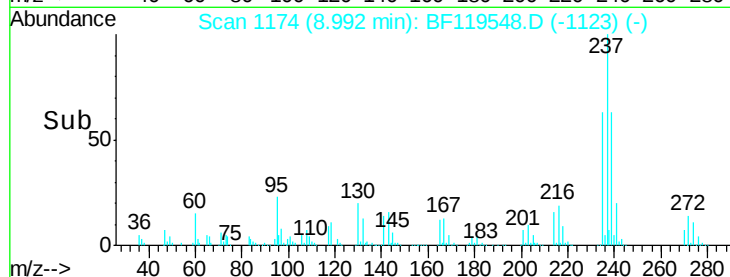
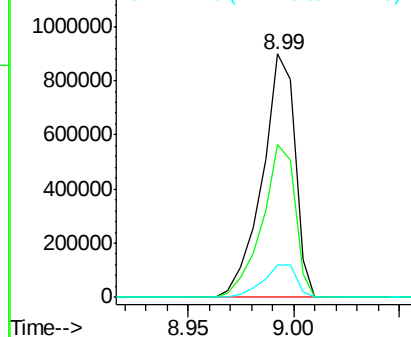
237 100

235 63.0 42.5 82.5

272 13.5 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 105.08 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

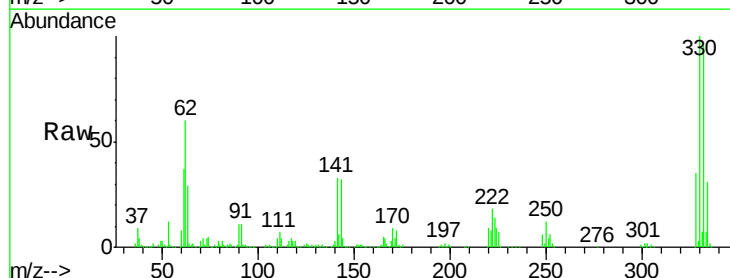
Tgt Ion:330 Resp: 646361

Ion Ratio Lower Upper

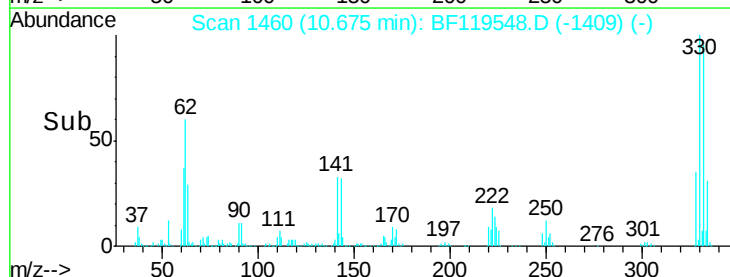
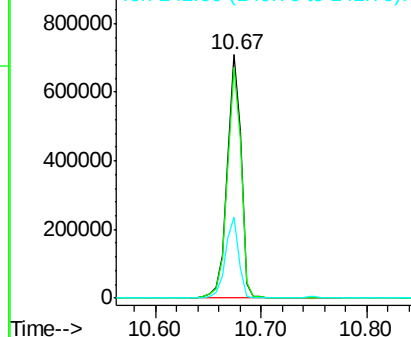
330 100

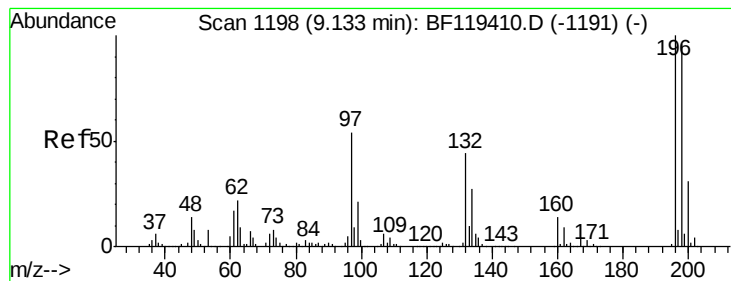
332 95.0 77.6 116.4

141 32.3 26.6 40.0



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





#43

2,4,6-Trichlorophenol

Concen: 49.45 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

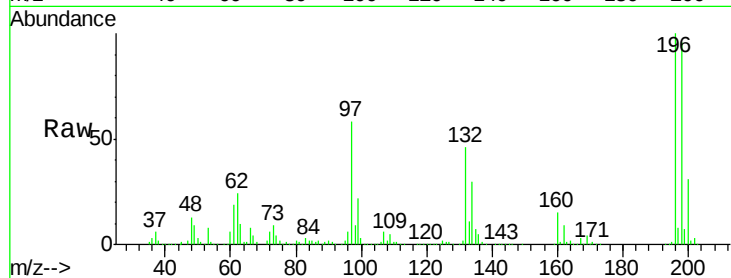
Tgt Ion:196 Resp: 618484

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

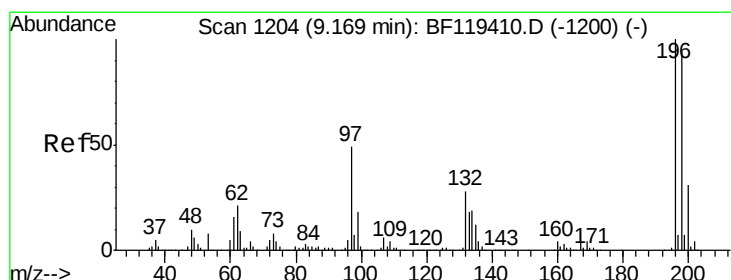
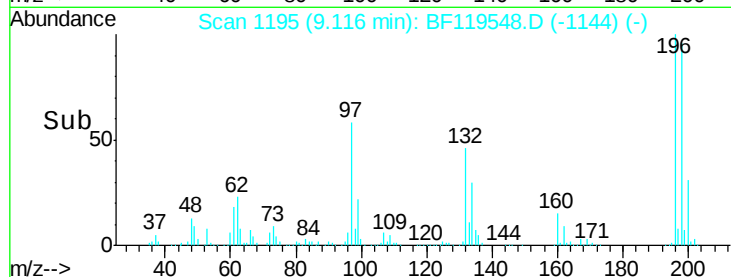
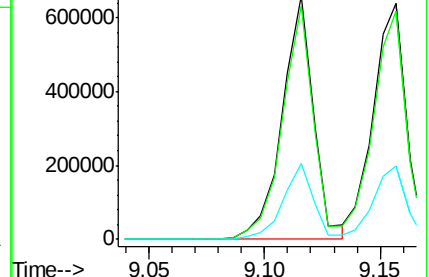
200 31.0 25.1 37.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.05 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:196 Resp: 631190

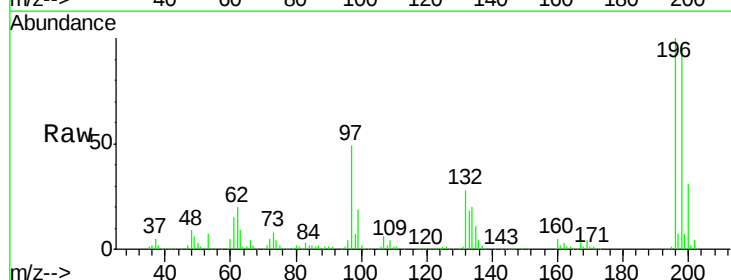
Ion Ratio Lower Upper

196 100

198 97.0 75.3 112.9

97 48.9 39.0 58.4

132 28.4 22.9 34.3

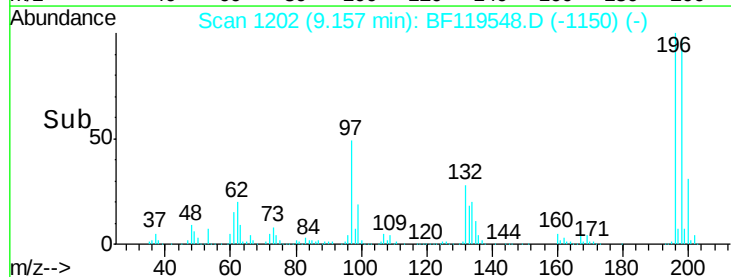
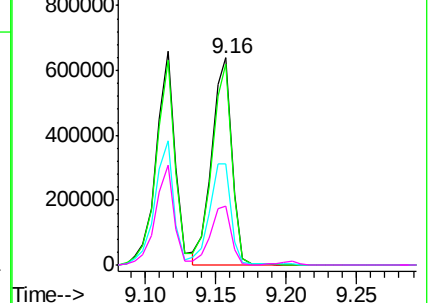


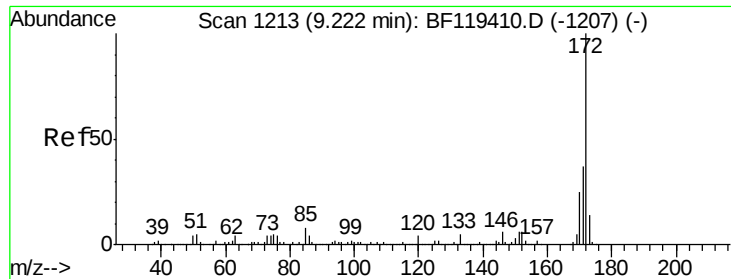
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

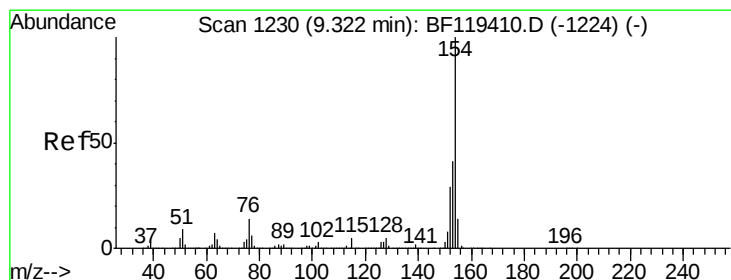
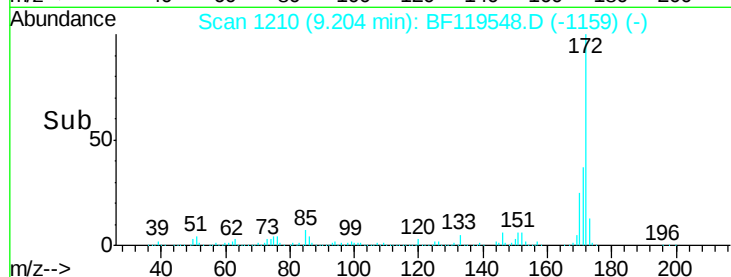
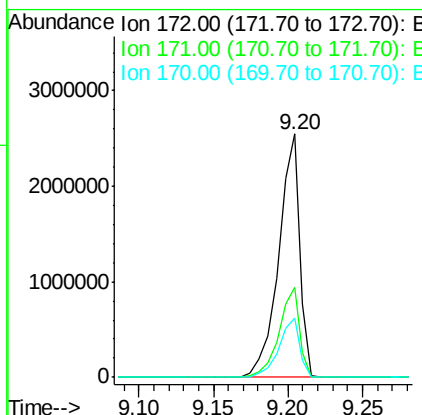
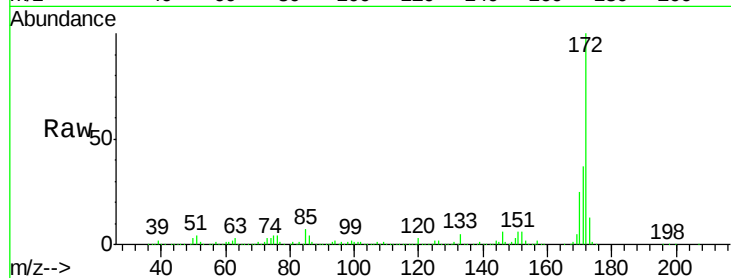




#45
2-Fluorobiphenyl
Concen: 62.56 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

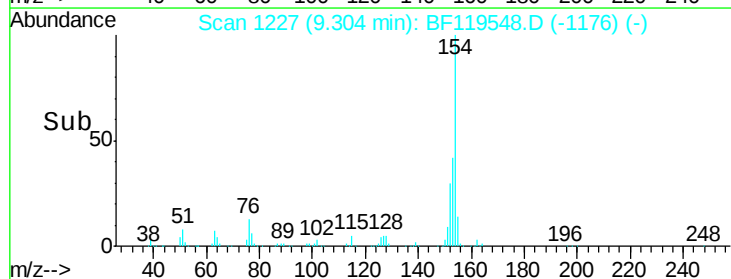
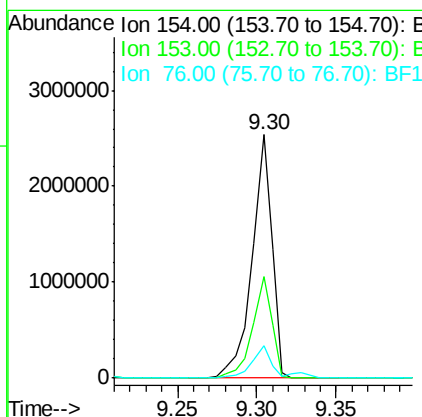
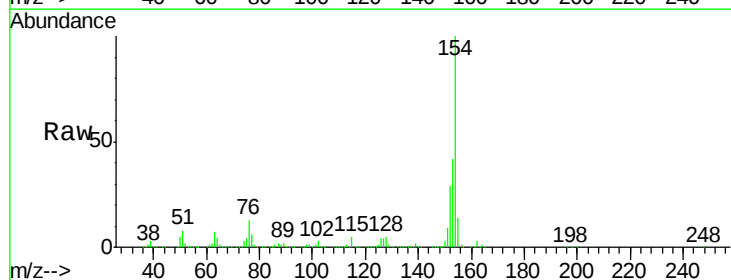
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

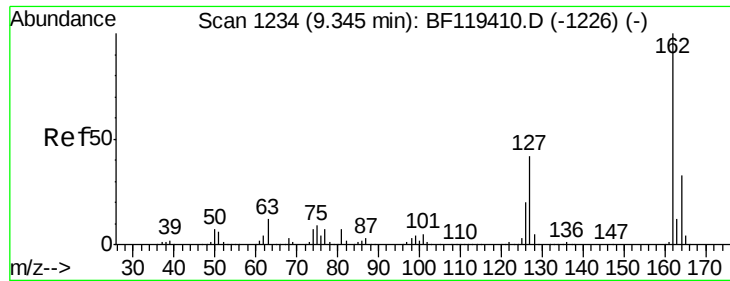
Tgt Ion:172 Resp: 2517847
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 24.6 20.1 30.1



#46
1,1'-Biphenyl
Concen: 45.21 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:154 Resp: 2195459
Ion Ratio Lower Upper
154 100
153 41.9 21.4 61.4
76 13.4 0.0 33.6

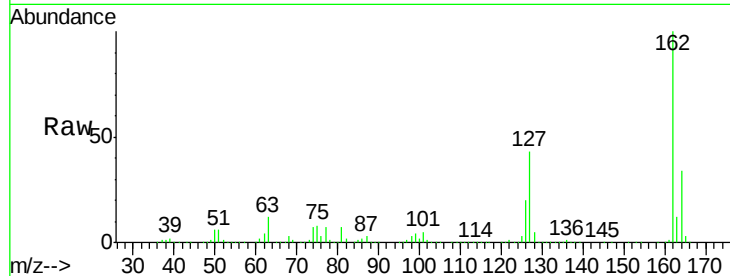




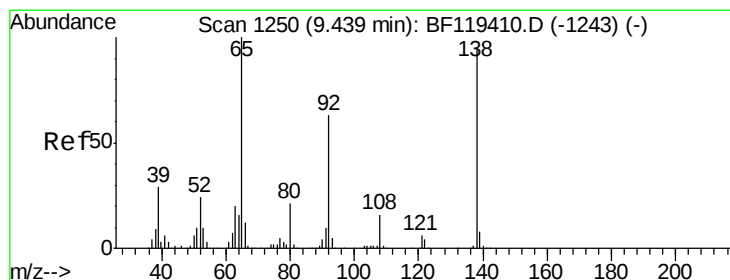
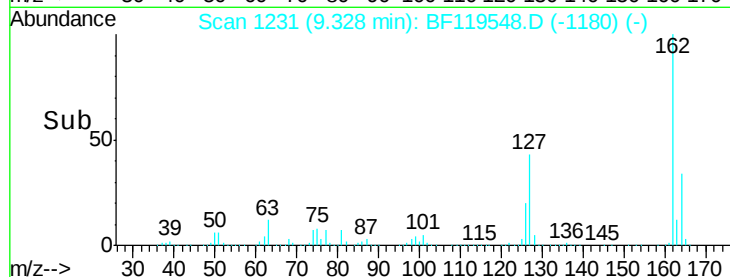
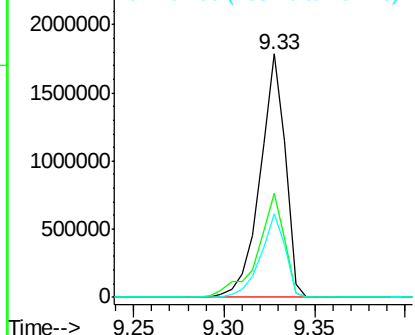
#47
 2-Chloronaphthalene
 Concen: 45.19 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

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

Tgt Ion: 162 Resp: 1719113
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.7 50.5
 164 34.2 26.2 39.4

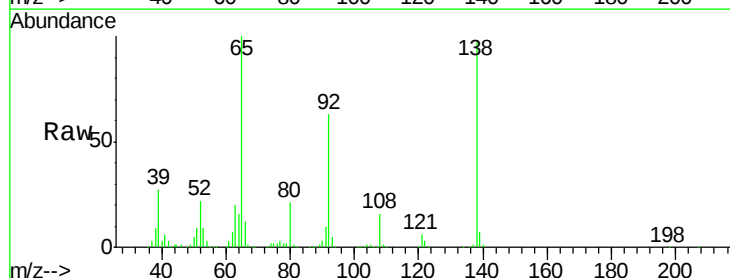


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

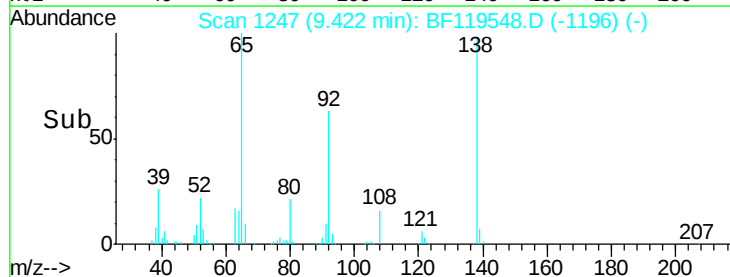
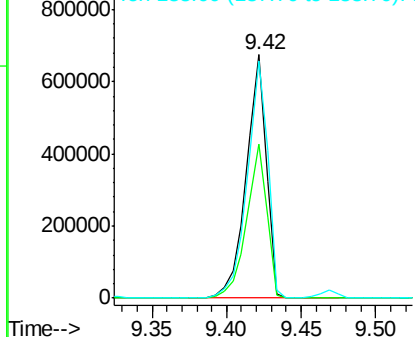


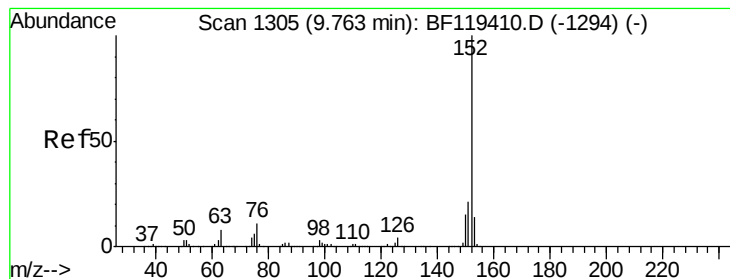
#48
 2-Nitroaniline
 Concen: 47.88 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion: 65 Resp: 628640
 Ion Ratio Lower Upper
 65 100
 92 63.1 50.5 75.7
 138 97.4 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.34 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

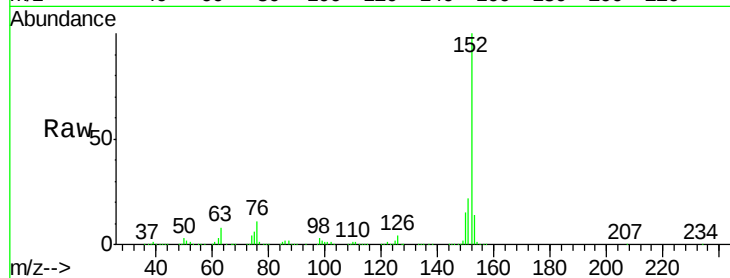
Tgt Ion:152 Resp: 2708345

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

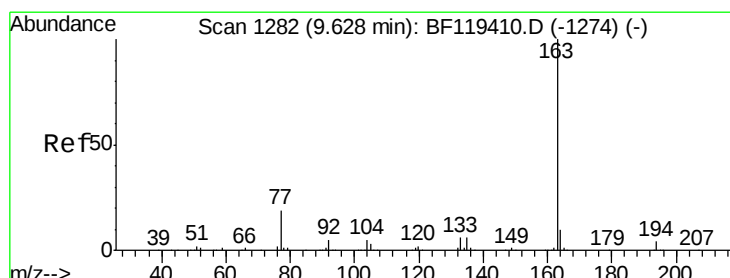
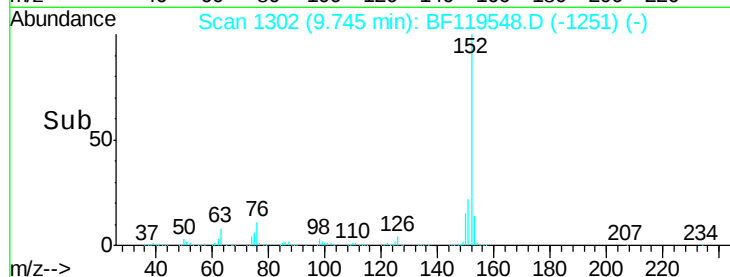
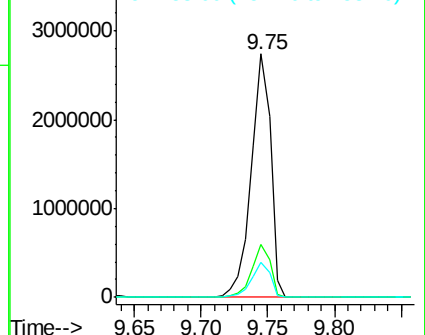
153 14.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.40 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

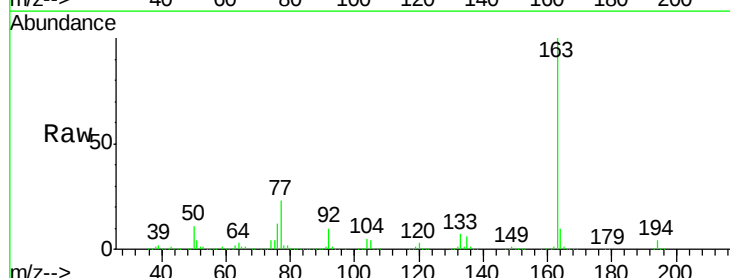
Tgt Ion:163 Resp: 2303857

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

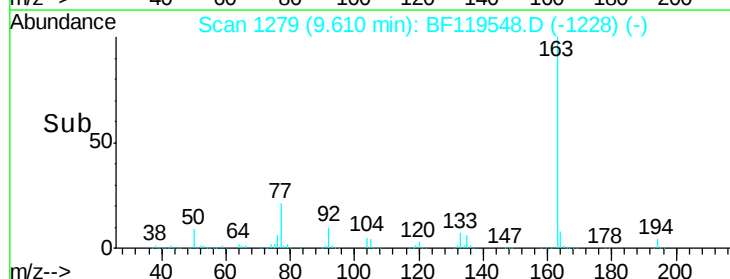
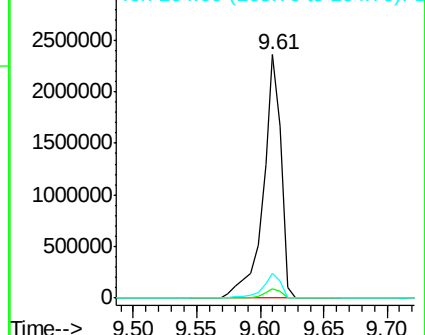
164 10.4 8.1 12.1

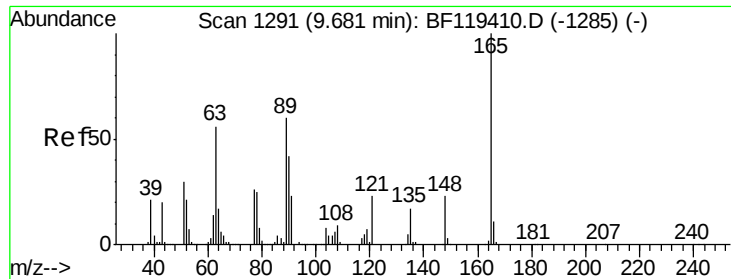


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

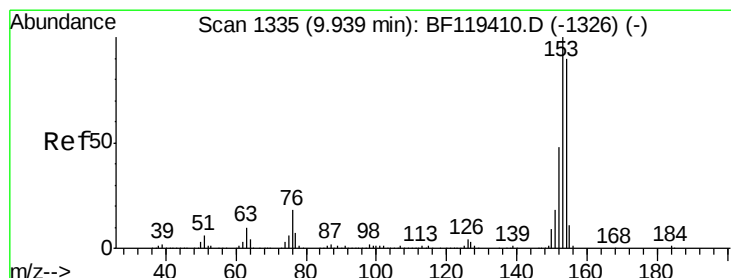
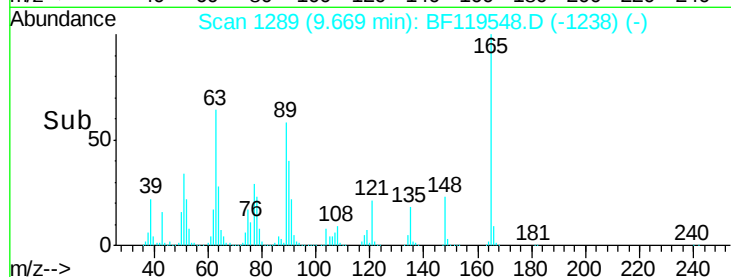
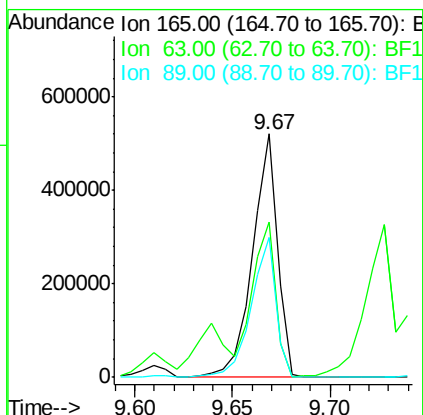
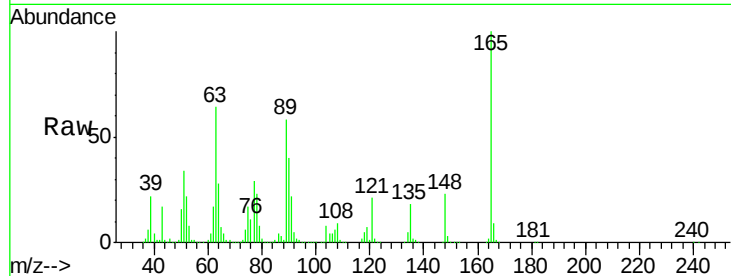




#51
2,6-Dinitrotoluene
Concen: 50.94 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

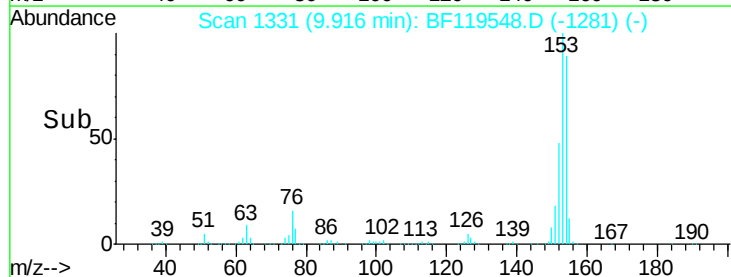
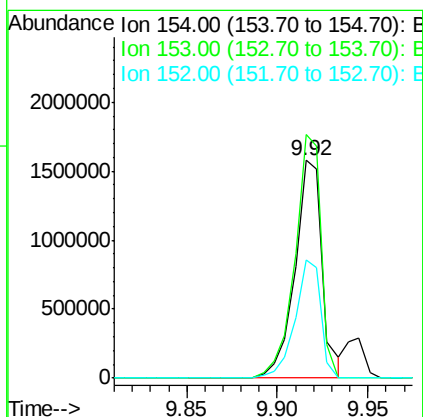
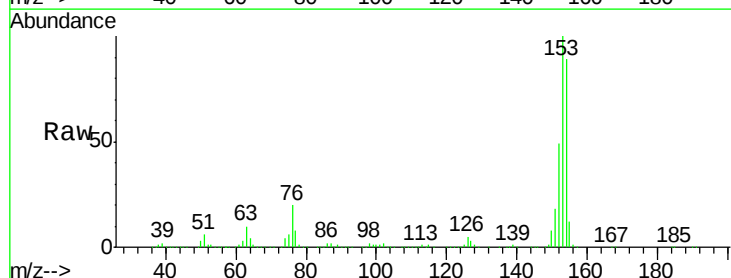
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tgt Ion:165 Resp: 462413
Ion Ratio Lower Upper
165 100
63 63.7 57.3 85.9
89 57.6 47.8 71.8



#52
Acenaphthene
Concen: 44.88 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:154 Resp: 1671290
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.6
152 54.5 43.1 64.7

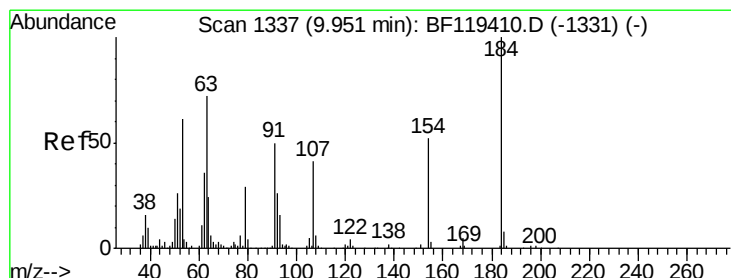
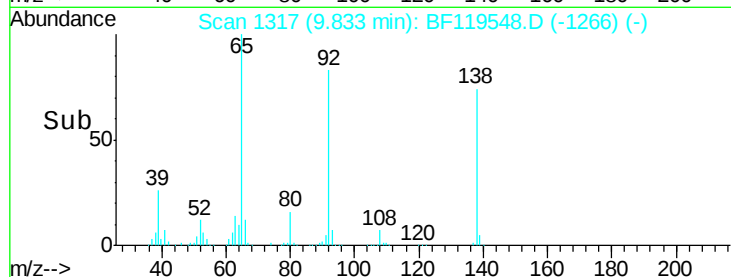
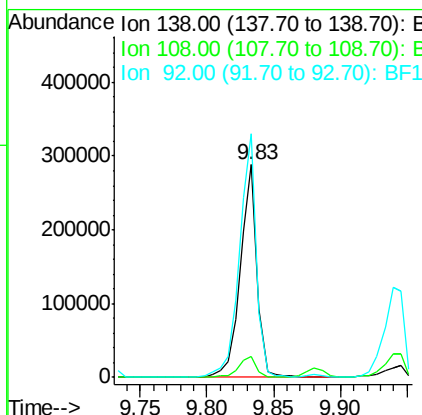
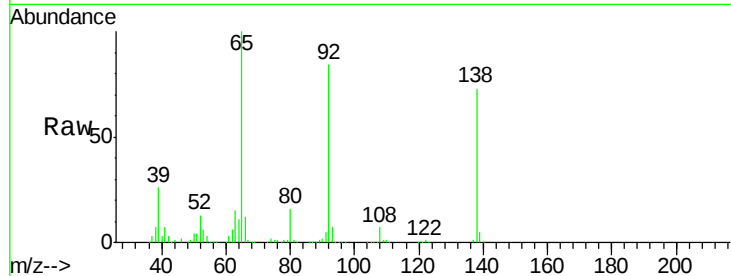




#53
3-Nitroaniline
Concen: 21.83 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

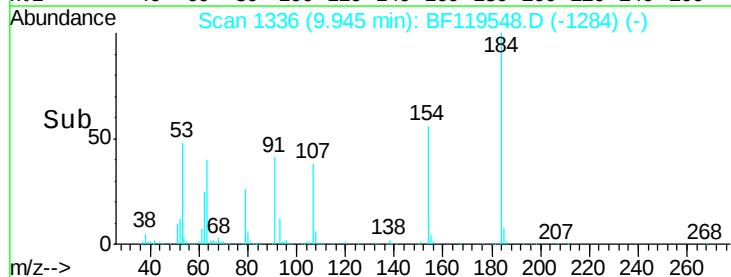
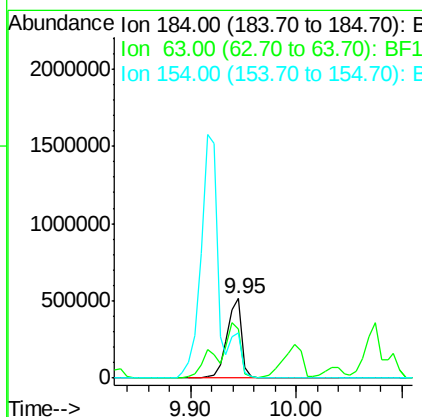
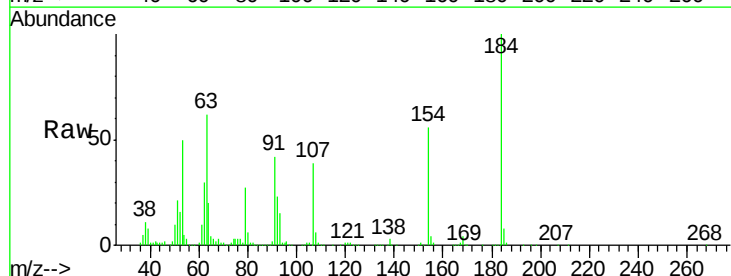
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

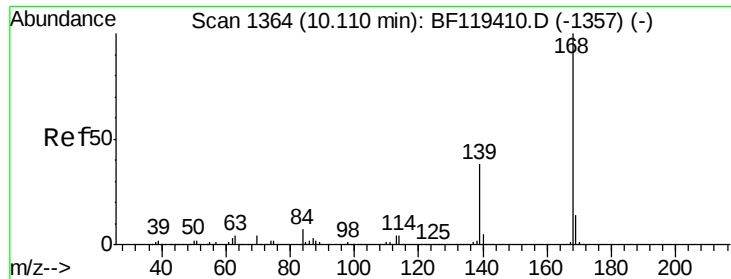
Tgt Ion:138 Resp: 250189
Ion Ratio Lower Upper
138 100
108 9.9 9.0 13.6
92 114.6 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 122.83 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:184 Resp: 499313
Ion Ratio Lower Upper
184 100
63 62.3 58.5 87.7
154 56.4 51.8 77.6

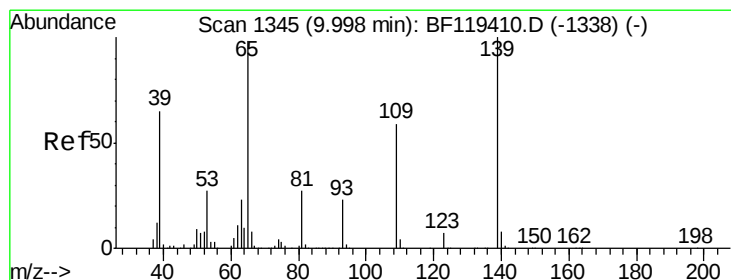
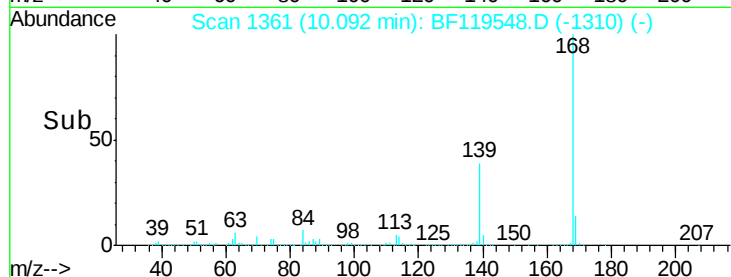
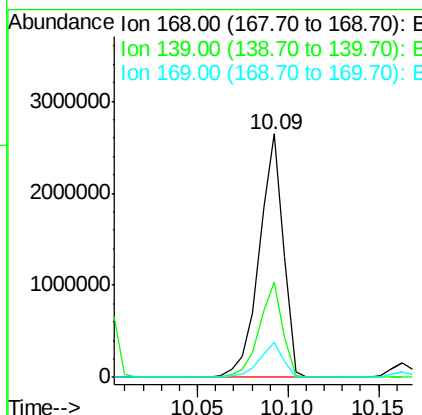
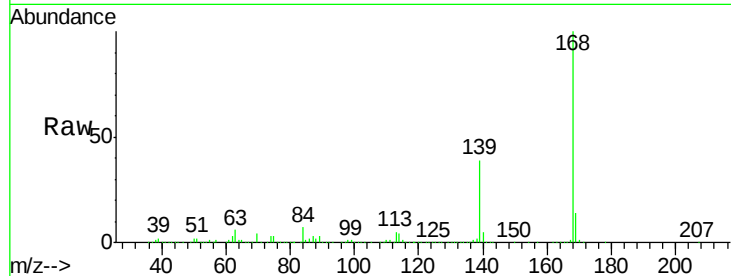




#55
Dibenzofuran
Concen: 45.68 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

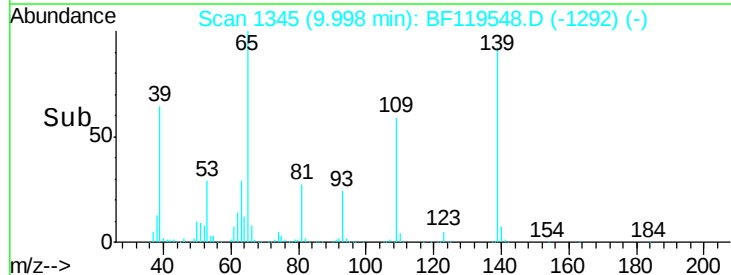
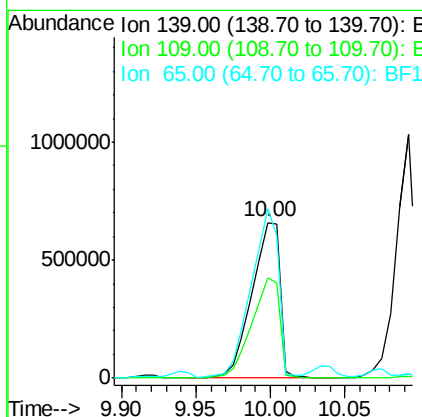
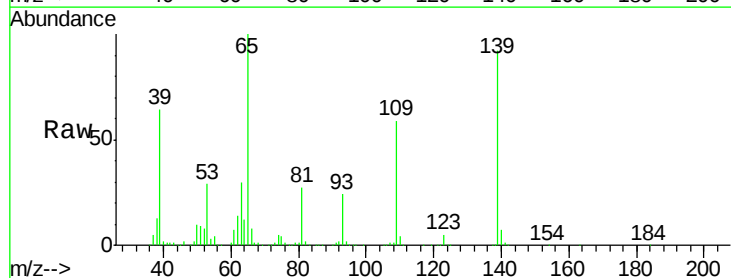
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

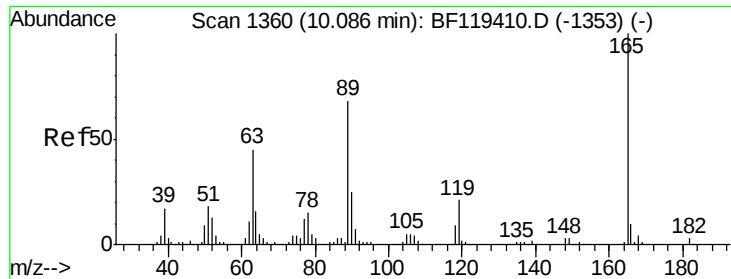
Tgt Ion:168 Resp: 2438741
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4
169 14.3 11.1 16.7



#56
4-Nitrophenol
Concen: 94.08 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:139 Resp: 850577
Ion Ratio Lower Upper
139 100
109 64.3 39.6 79.6
65 109.1 78.3 118.3





#57

2,4-Dinitrotoluene

Concen: 54.65 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:165 Resp: 624947

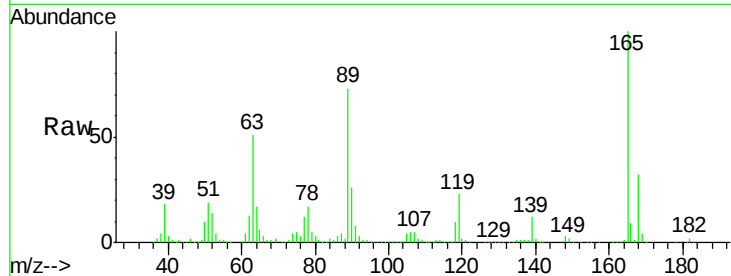
Ion Ratio Lower Upper

165 100

63 50.7 36.2 54.4

89 72.9 54.3 81.5

182 2.3 2.0 3.0

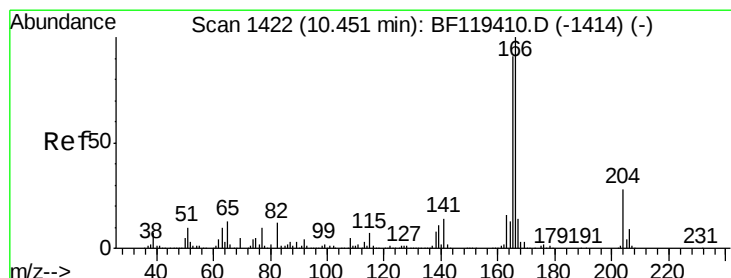
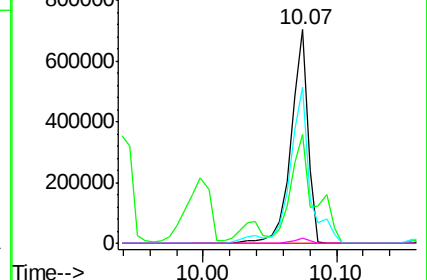
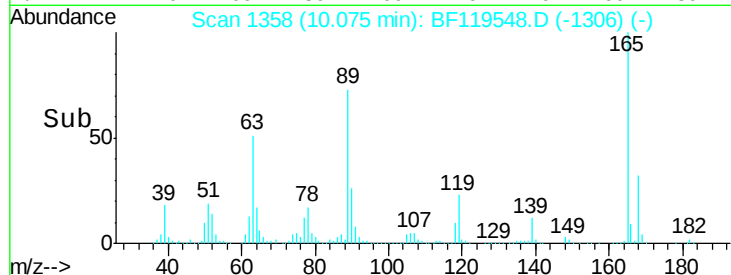


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.94 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

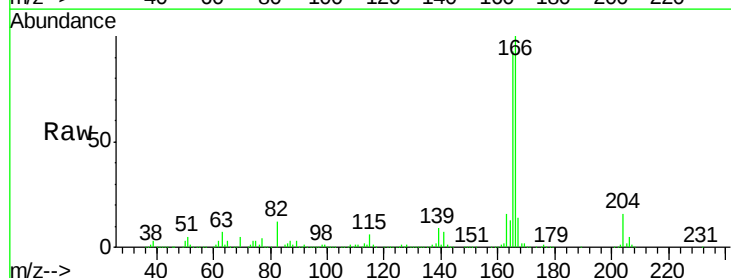
Tgt Ion:166 Resp: 1892830

Ion Ratio Lower Upper

166 100

165 93.1 73.1 109.7

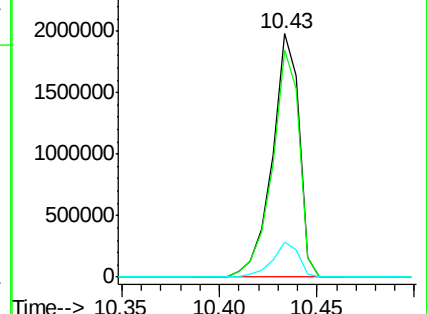
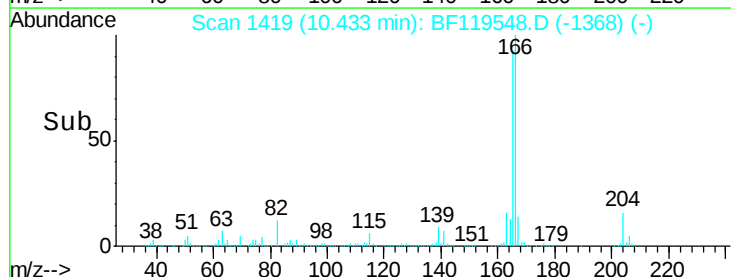
167 14.2 11.0 16.6

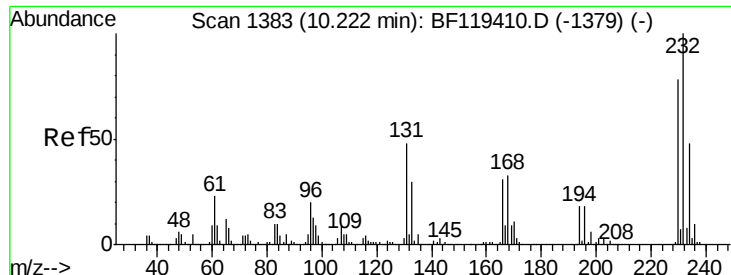


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

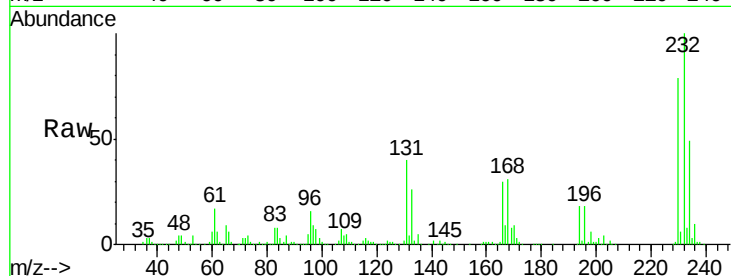




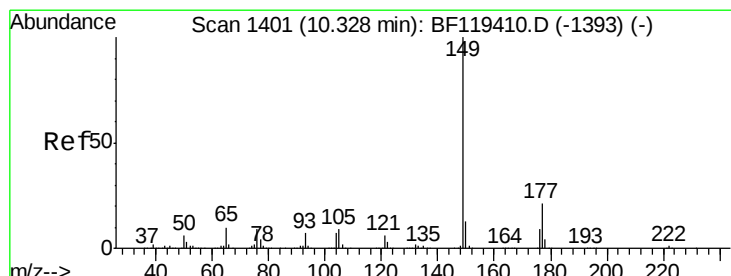
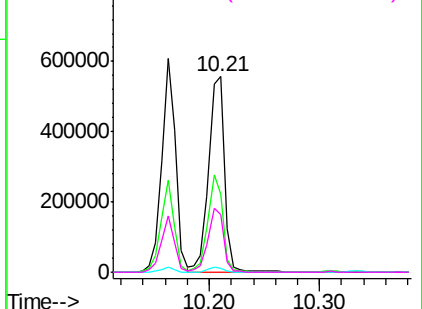
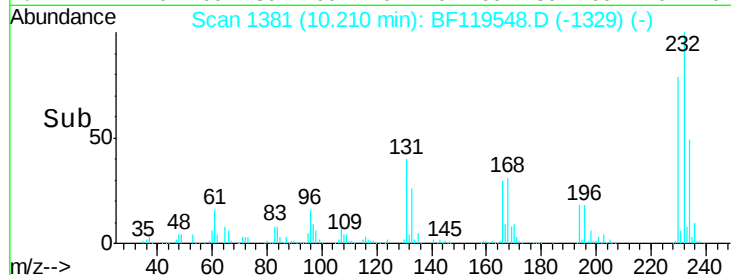
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.82 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

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

Tgt Ion:232 Resp: 542717
 Ion Ratio Lower Upper
 232 100
 131 46.1 36.3 54.5
 130 2.2 1.8 2.6
 166 31.2 24.9 37.3

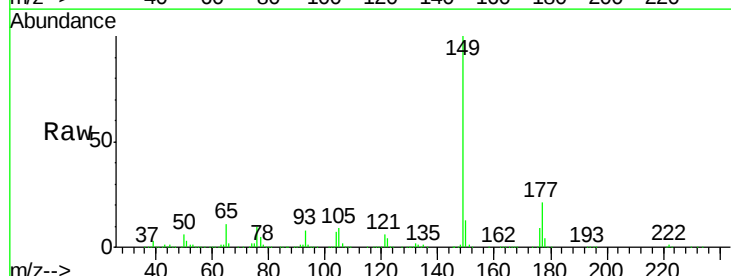


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

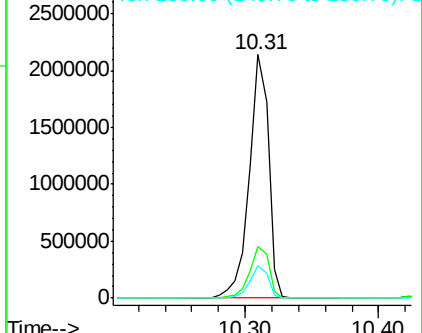
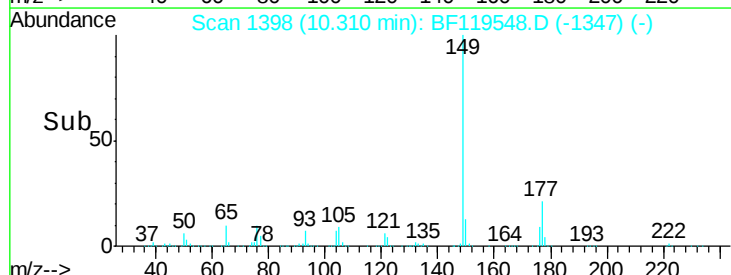


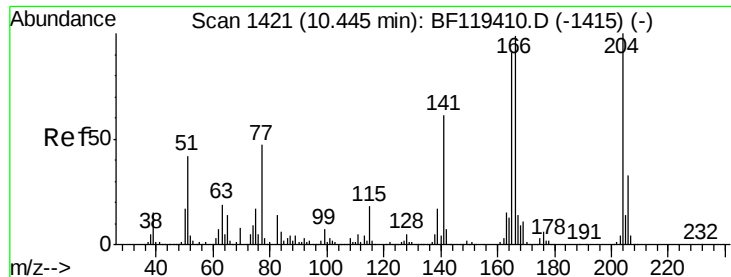
#60
 Diethylphthalate
 Concen: 48.82 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:149 Resp: 2098650
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.0 25.6
 150 13.1 10.2 15.4



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

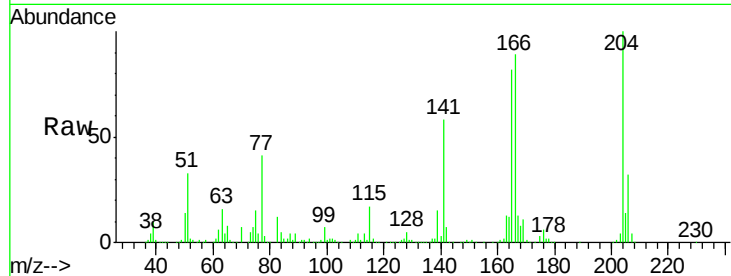




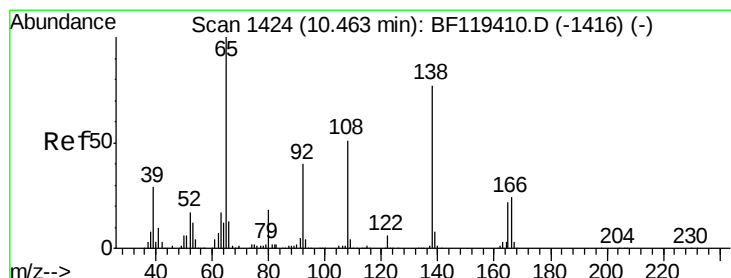
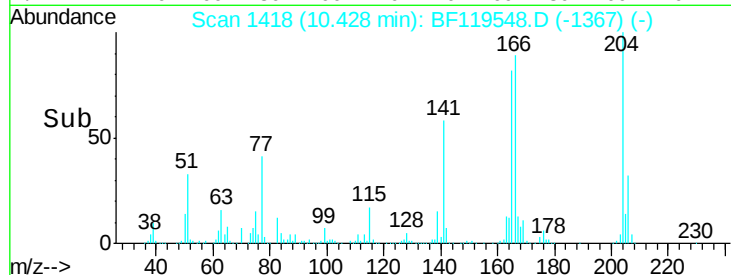
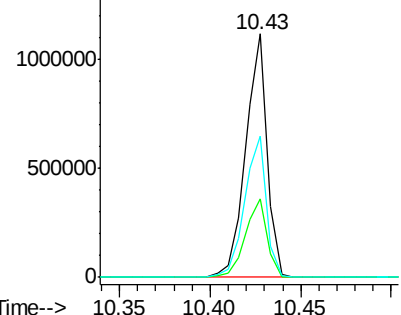
#61
 4-Chlorophenyl-phenylether
 Concen: 47.57 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

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

Tgt Ion: 204 Resp: 918523
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.7 40.1
 141 58.2 48.8 73.2

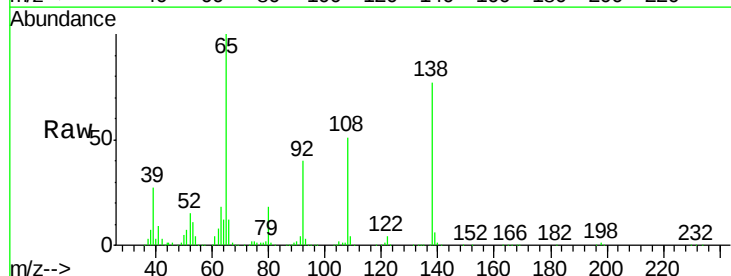


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

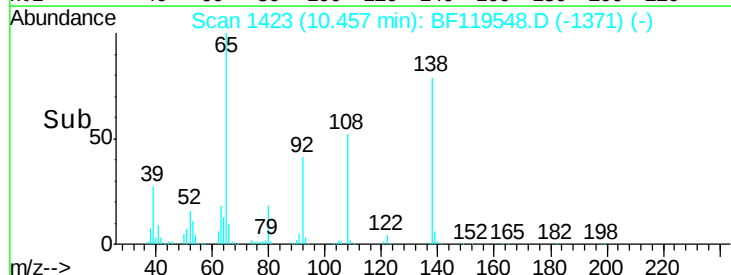
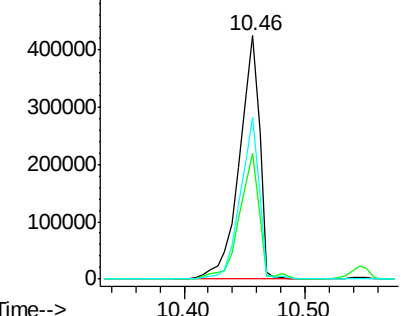


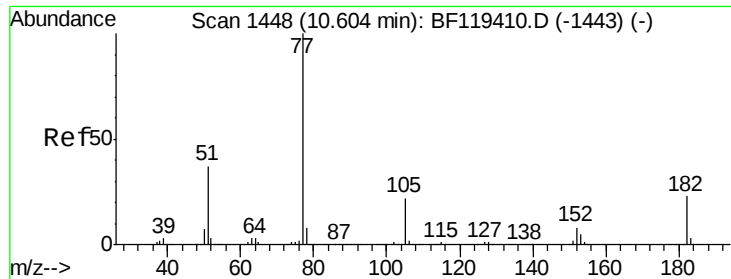
#62
 4-Nitroaniline
 Concen: 45.38 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion: 138 Resp: 498723
 Ion Ratio Lower Upper
 138 100
 92 51.6 32.0 72.0
 108 66.4 46.0 86.0



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

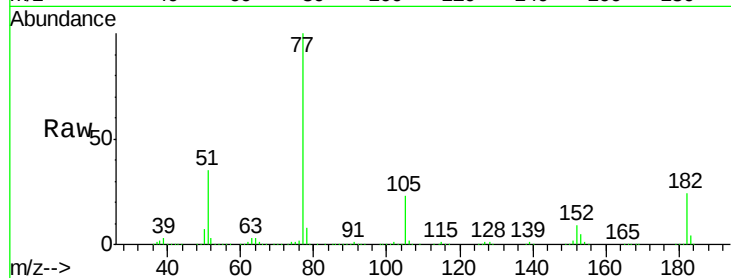




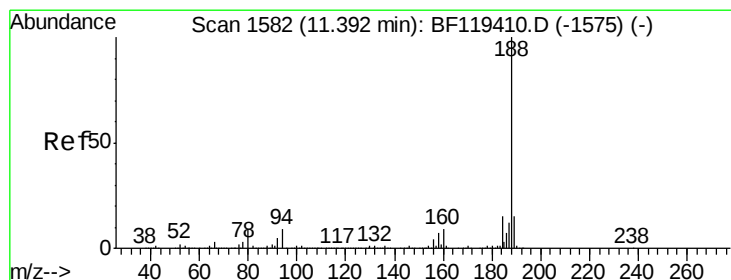
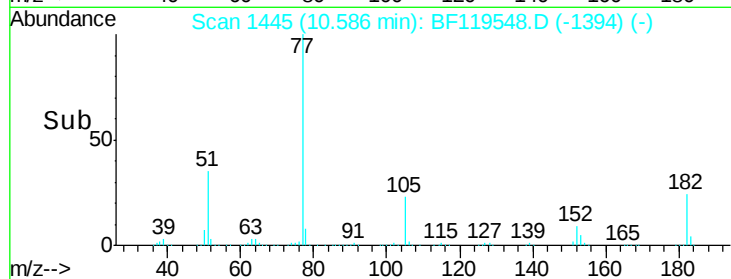
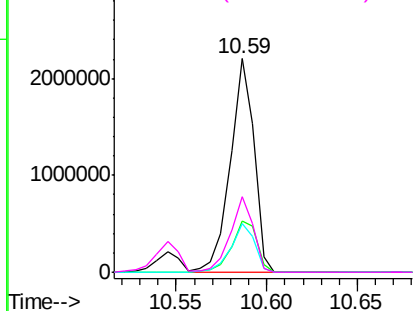
#63
Azobenzene
Concen: 46.53 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

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

Tgt Ion: 77 Resp: 2013967
Ion Ratio Lower Upper
77 100
182 24.2 2.5 42.5
105 22.8 2.5 42.5
51 35.1 17.1 57.1

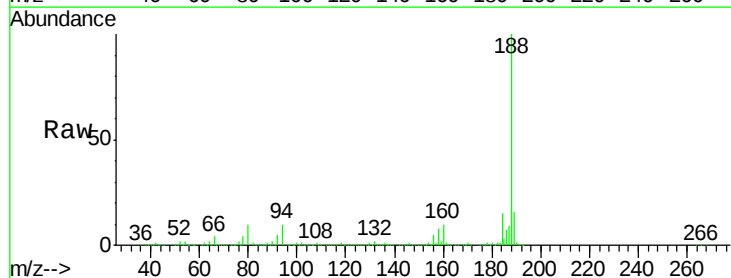


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

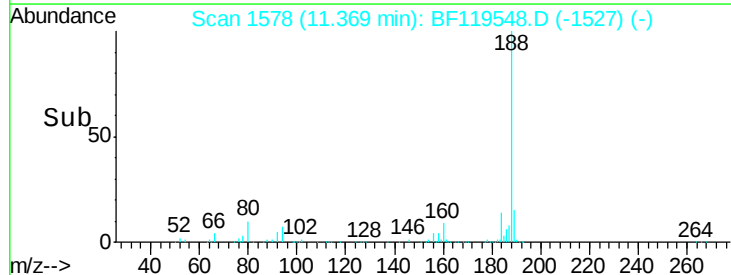
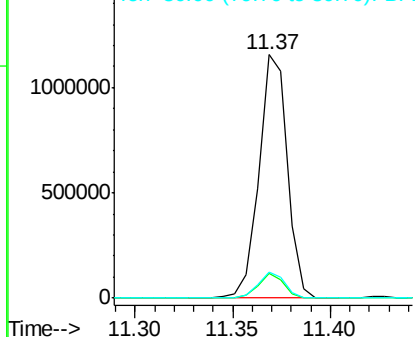


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 188 Resp: 1157130
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 10.5 7.5 11.3



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

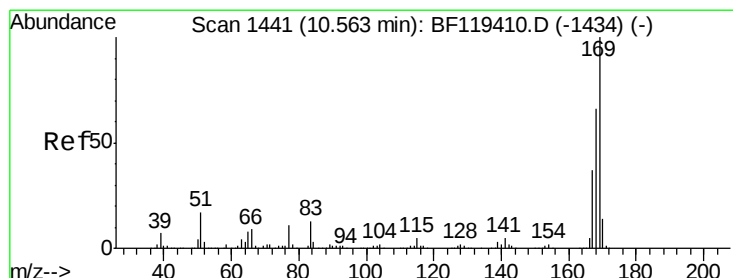
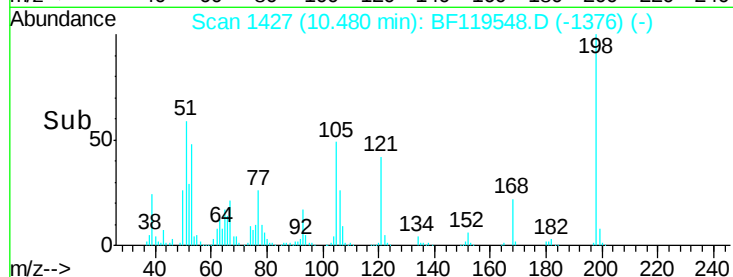
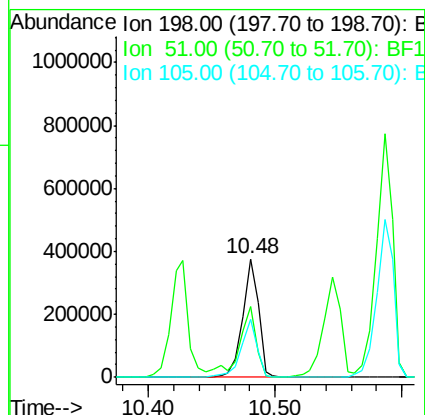
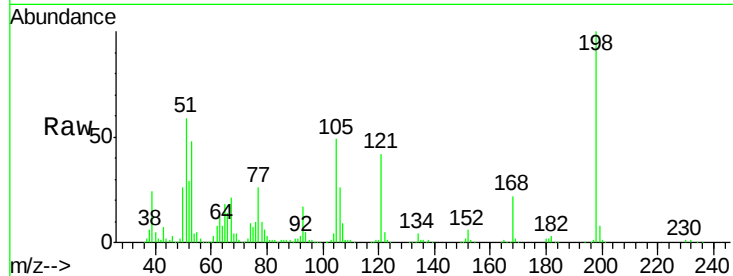




#65
 4,6-Dinitro-2-methylphenol
 Concen: 66.86 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

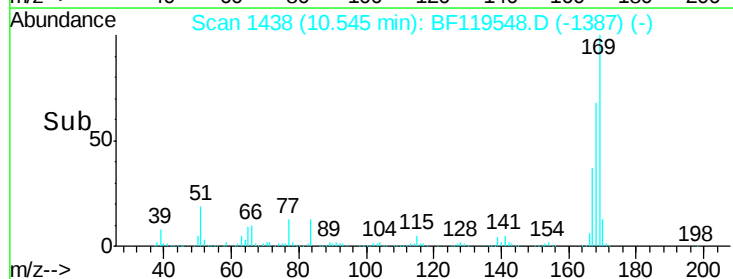
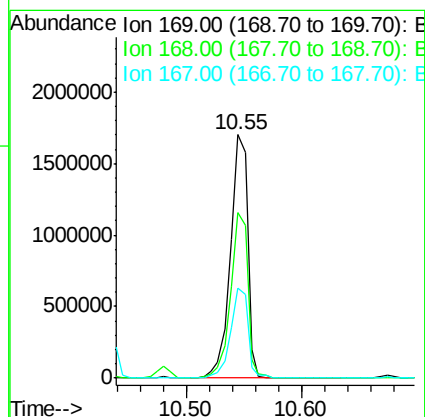
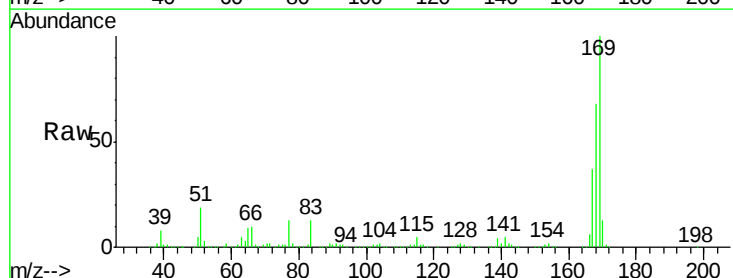
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

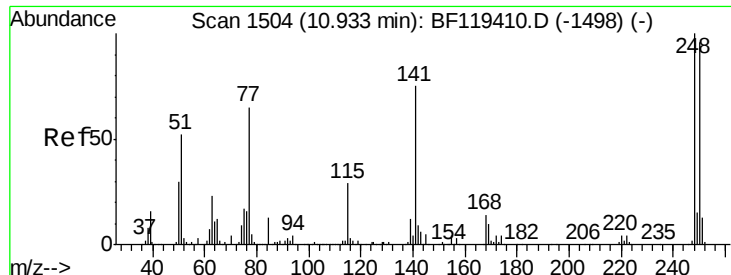
Tgt Ion:198 Resp: 324416
 Ion Ratio Lower Upper
 198 100
 51 59.2 33.1 73.1
 105 48.5 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 46.32 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:169 Resp: 1759364
 Ion Ratio Lower Upper
 169 100
 168 68.0 52.7 79.1
 167 37.2 29.3 43.9

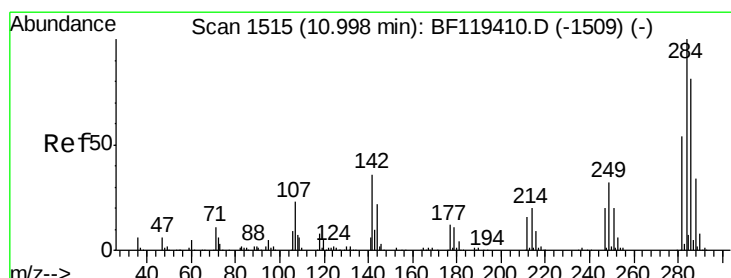
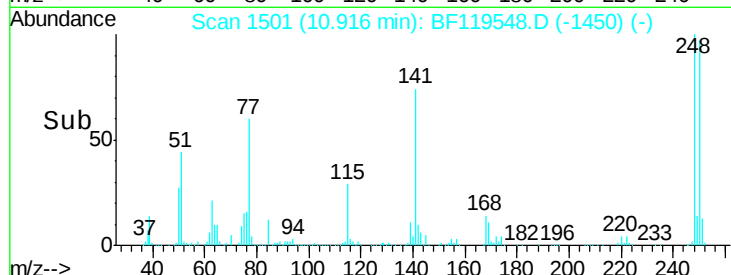
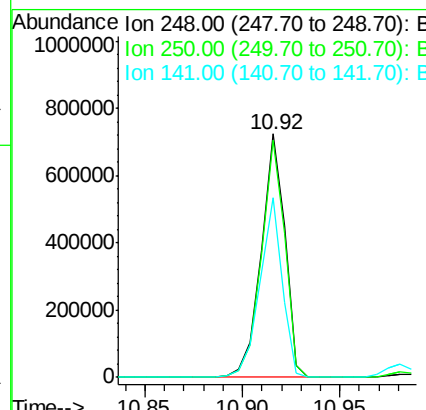
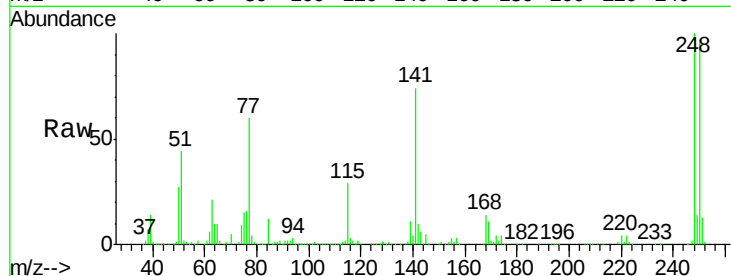




#67
 4-Bromophenyl-phenylether
 Concen: 46.30 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

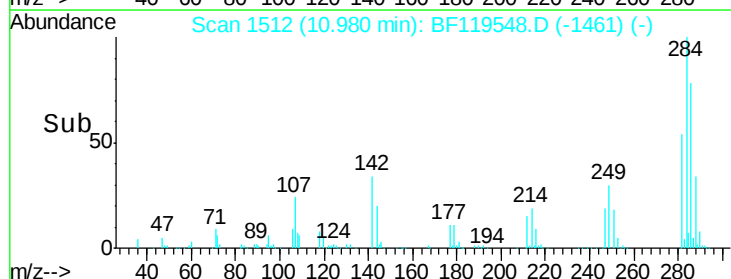
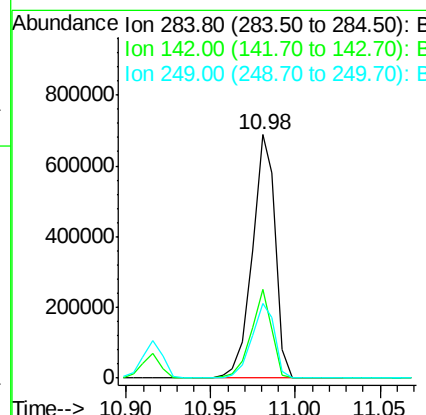
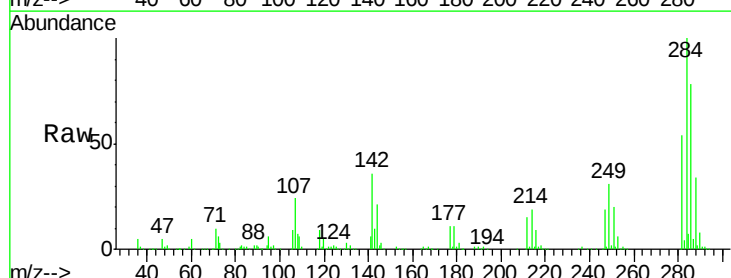
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

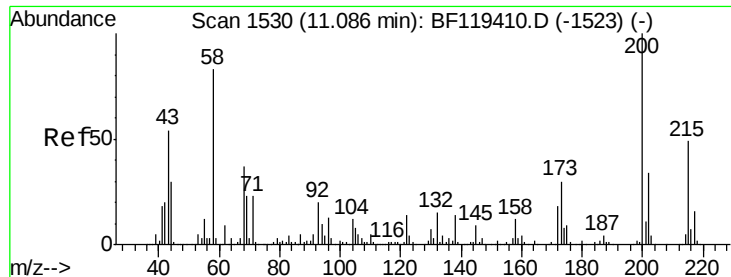
Tgt Ion:248 Resp: 610191
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 73.6 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 48.36 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:284 Resp: 652207
 Ion Ratio Lower Upper
 284 100
 142 36.4 28.7 43.1
 249 30.9 25.4 38.0





#69

Atrazine

Concen: 52.37 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

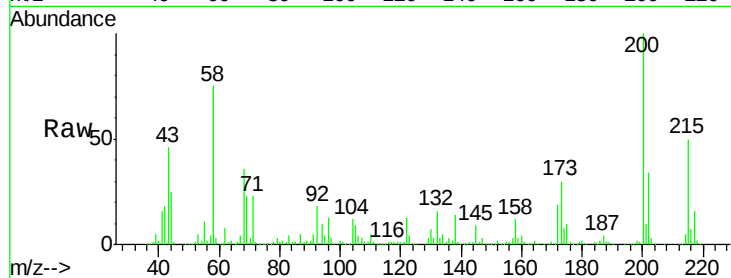
Tgt Ion:200 Resp: 545347

Ion Ratio Lower Upper

200 100

173 30.1 9.9 49.9

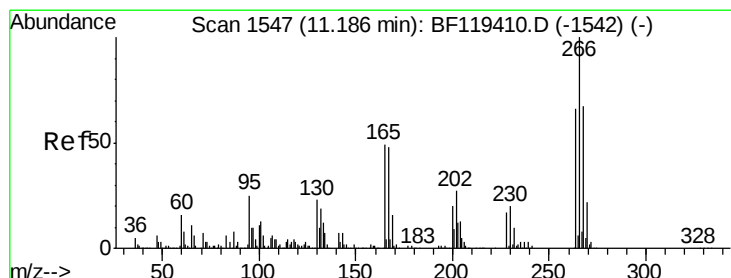
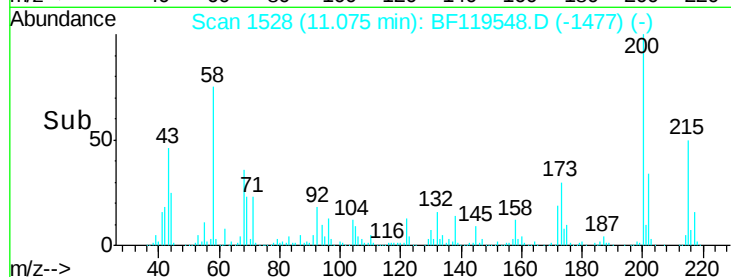
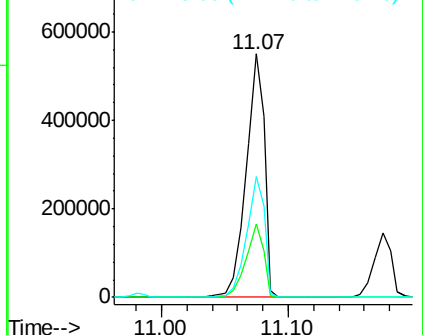
215 49.5 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.55 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

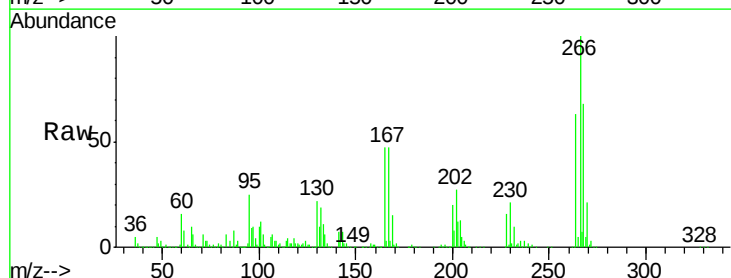
Tgt Ion:266 Resp: 763561

Ion Ratio Lower Upper

266 100

268 67.8 53.7 80.5

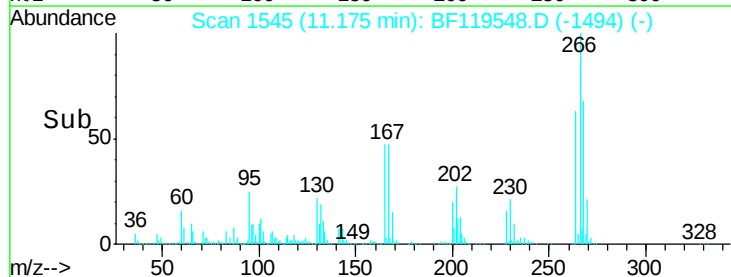
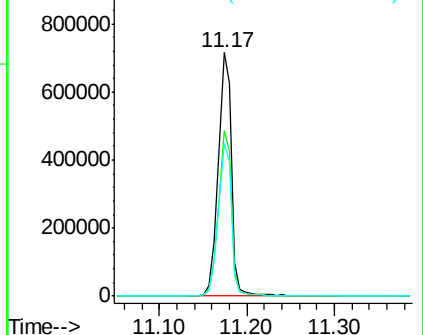
264 62.6 52.5 78.7

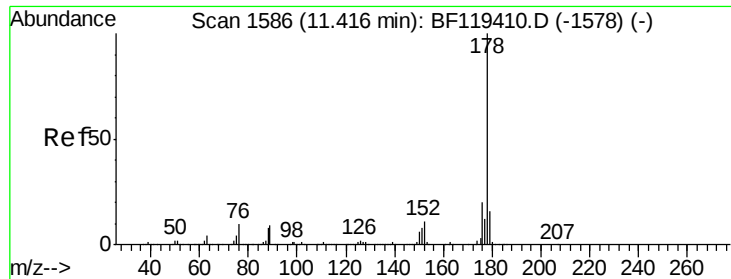


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.44 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

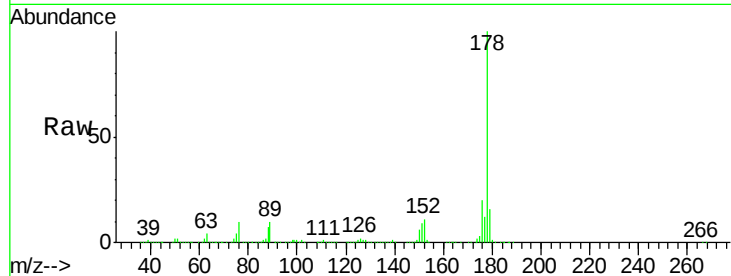
Tgt Ion:178 Resp: 2726667

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

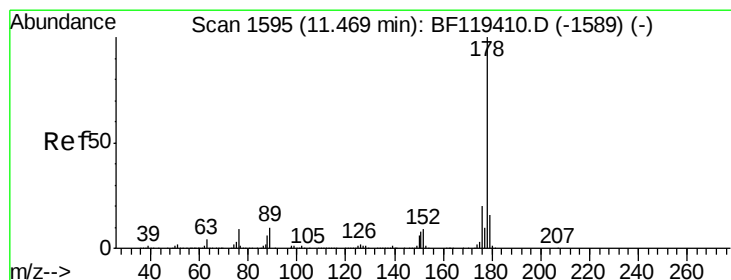
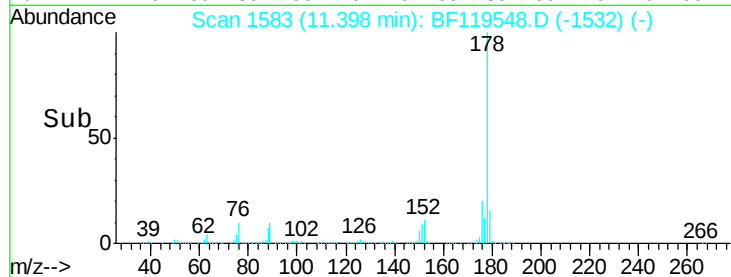
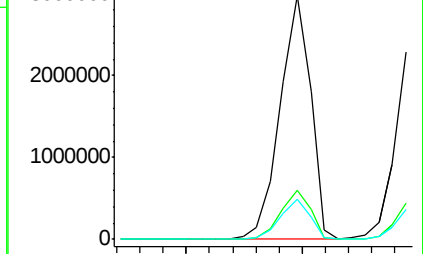
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.21 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

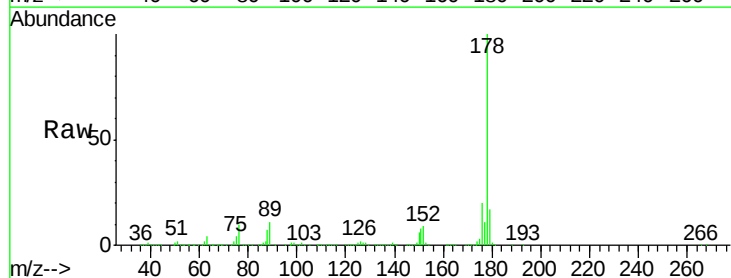
Tgt Ion:178 Resp: 2817719

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

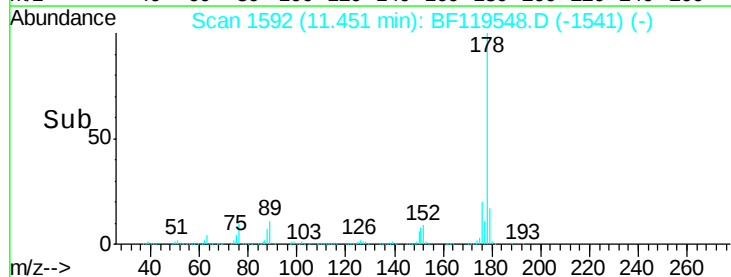
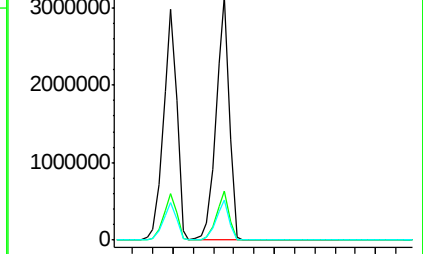
179 16.6 13.1 19.7

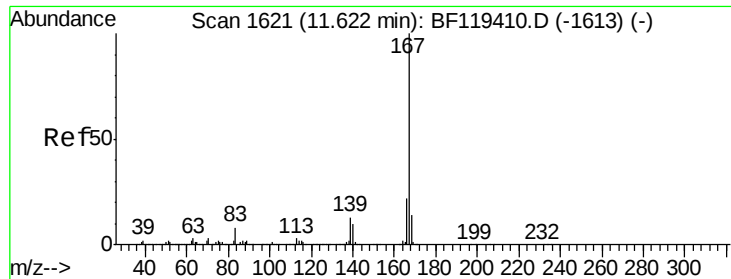


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

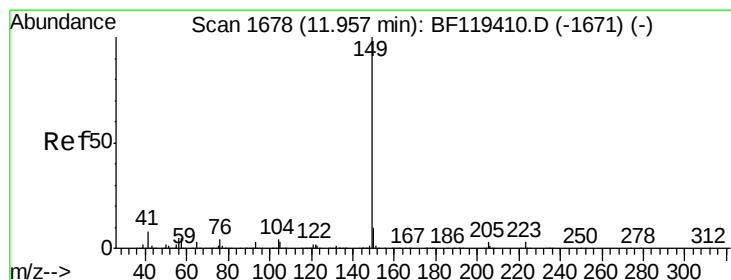
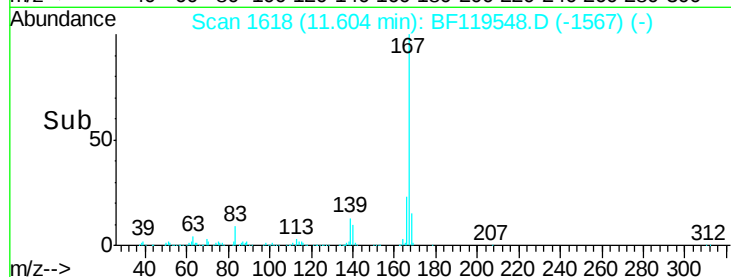
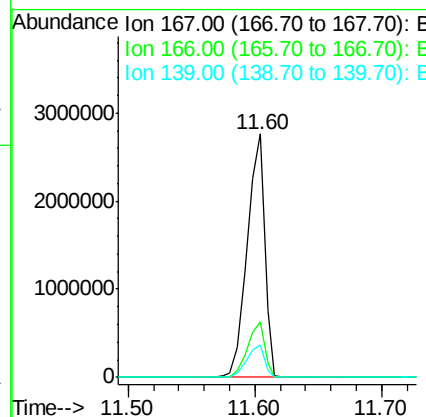
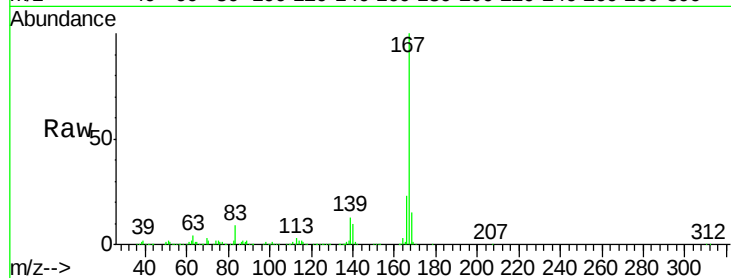




#73
 Carbazole
 Concen: 43.55 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

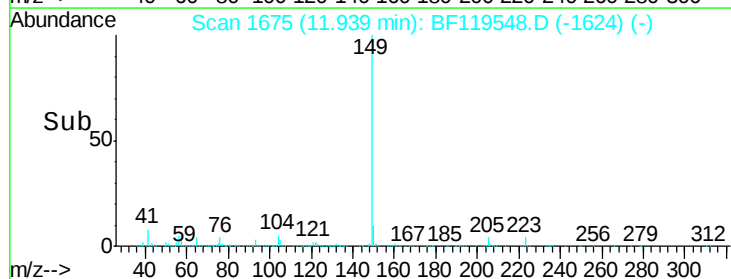
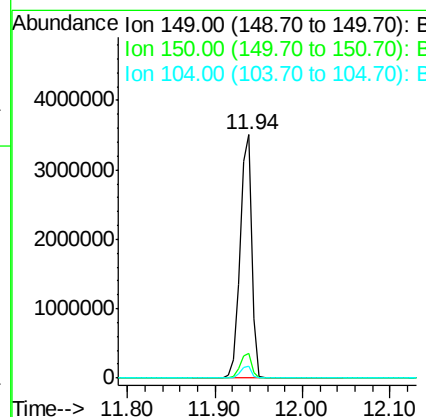
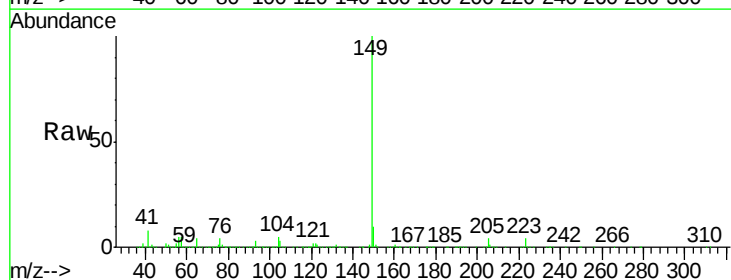
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

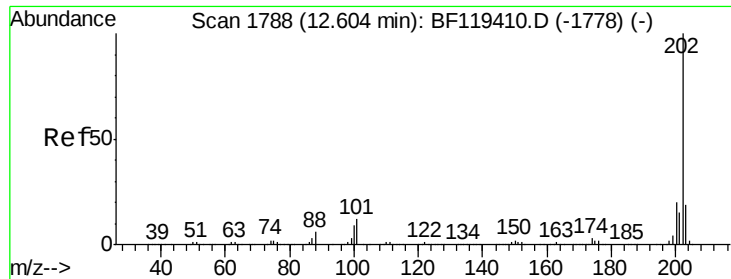
Tgt Ion:167 Resp: 2628648
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 50.34 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion:149 Resp: 3250231
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 46.57 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

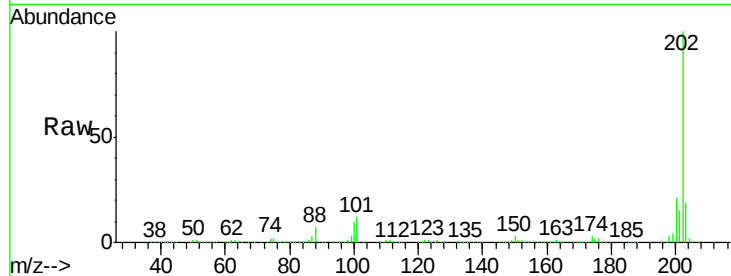
Tgt Ion:202 Resp: 3024142

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.4

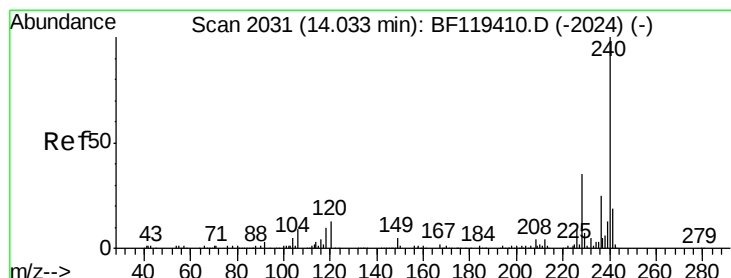
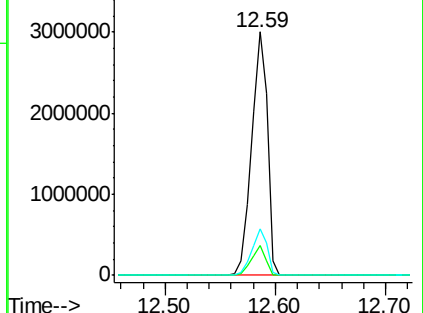
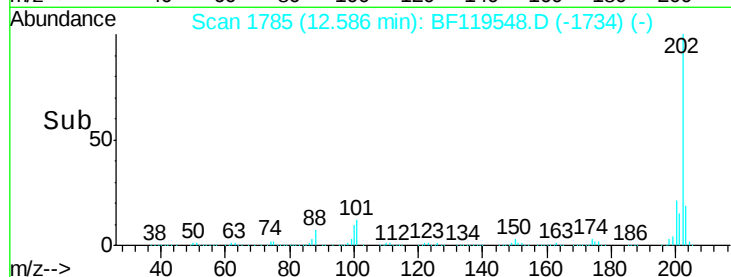
203 19.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

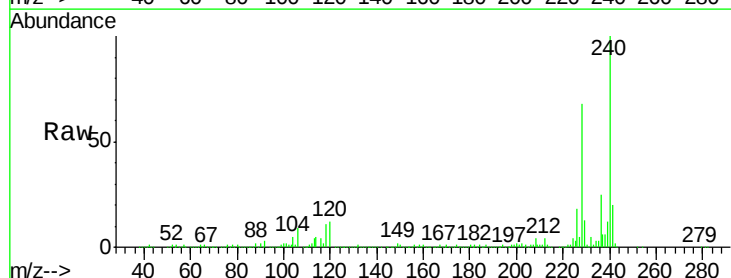
Tgt Ion:240 Resp: 835675

Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.4

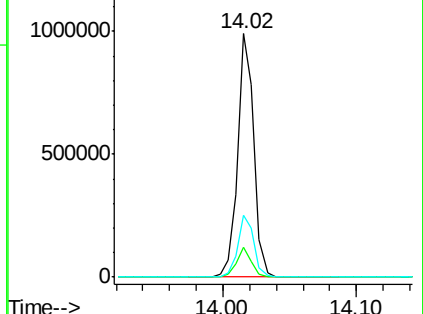
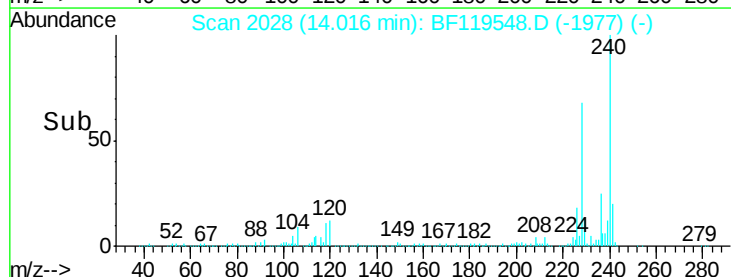
236 25.4 20.4 30.6

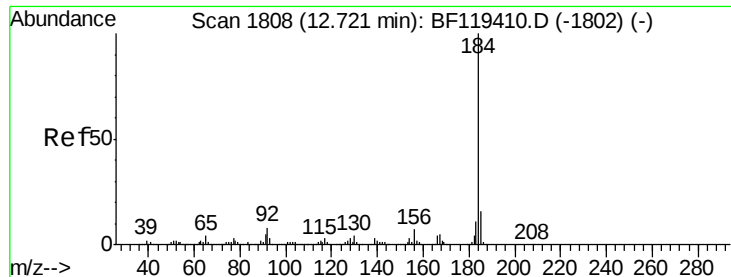


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.05 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

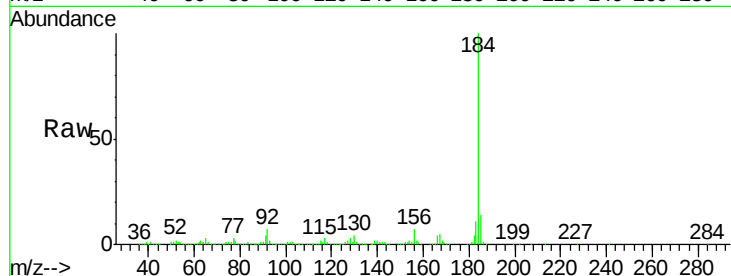
Tgt Ion:184 Resp: 1558003

Ion Ratio Lower Upper

184 100

185 14.3 12.9 19.3

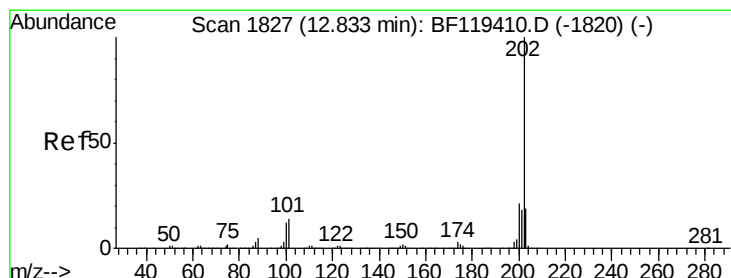
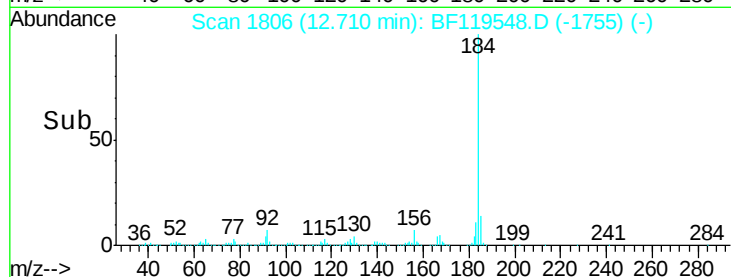
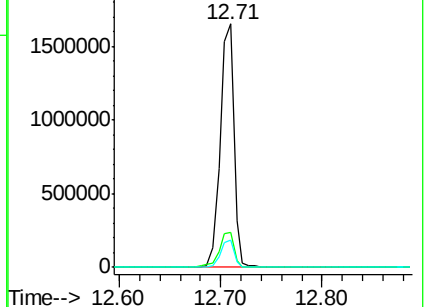
183 11.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.18 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

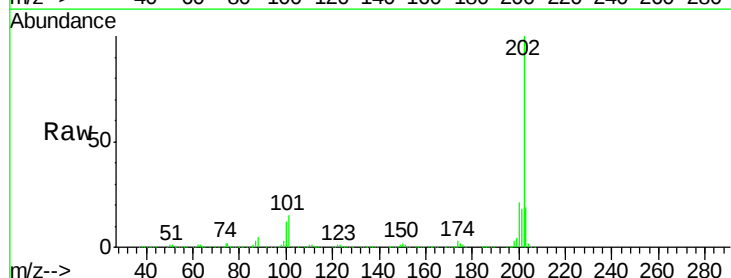
Tgt Ion:202 Resp: 3029708

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

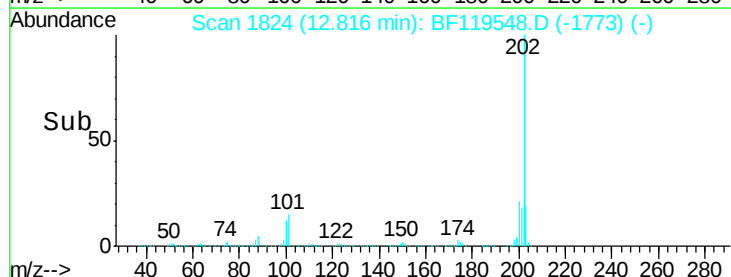
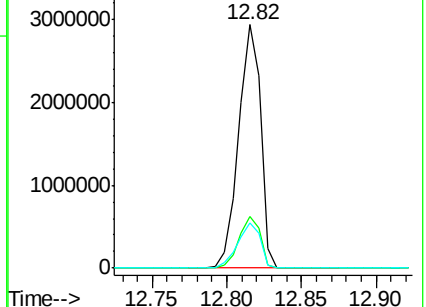
203 18.8 14.8 22.2

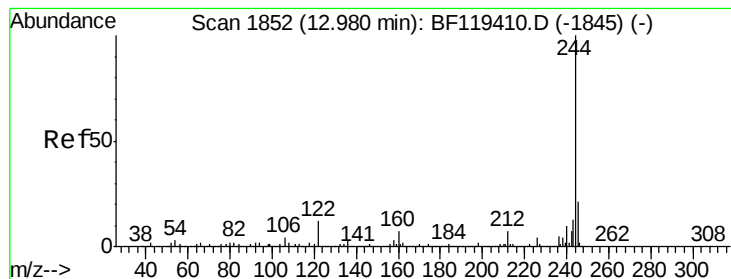


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.51 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

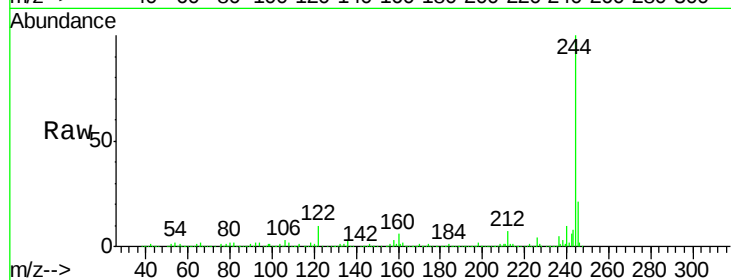
BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tgt Ion:244 Resp: 2922367

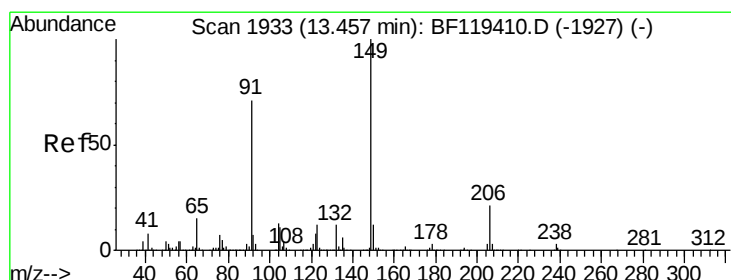
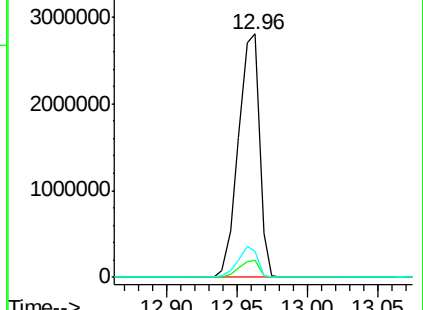
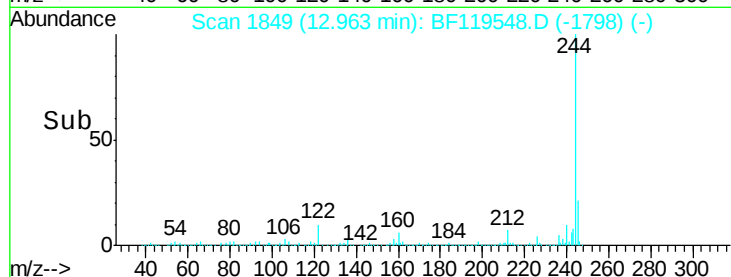
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.4	9.8	14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.07 ng

RT: 13.44 min Scan# 1930

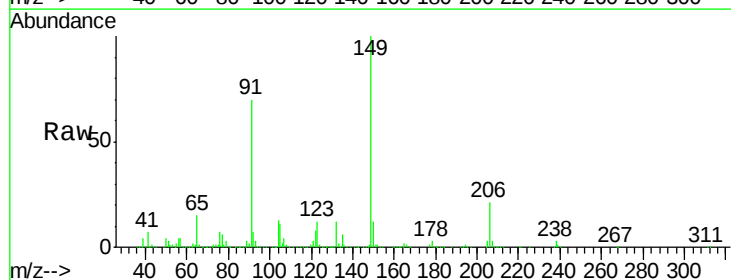
Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:149 Resp: 1416549

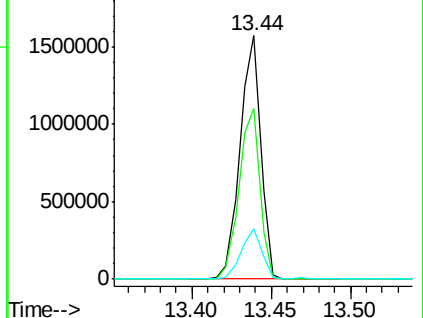
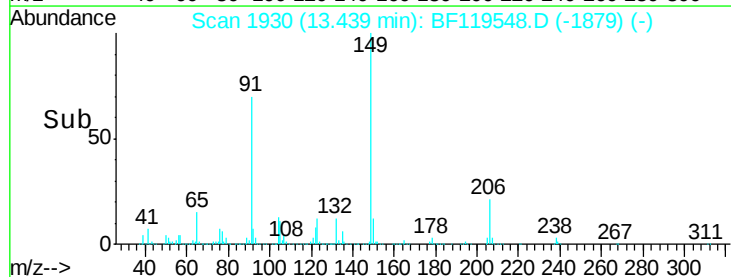
Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.0	85.6
206	20.9	16.4	24.6

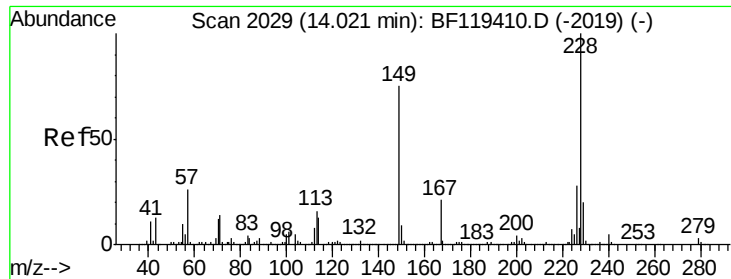


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.50 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

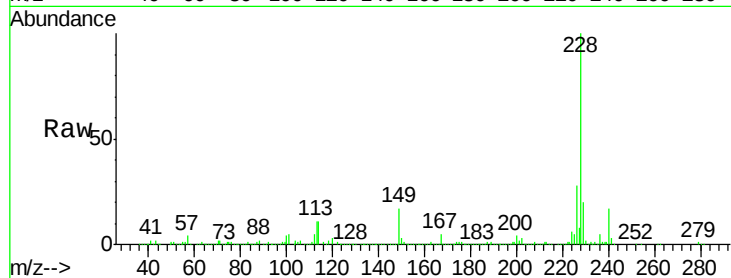
Tgt Ion:228 Resp: 2363806

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

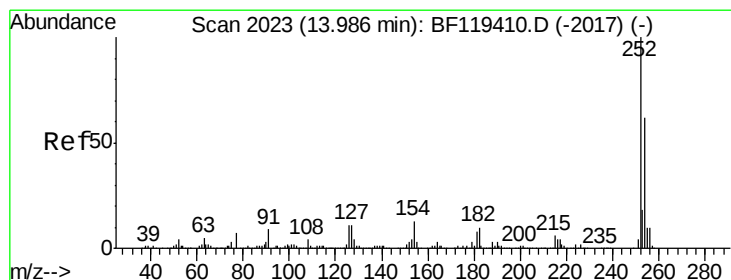
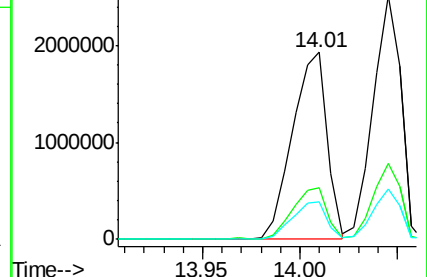
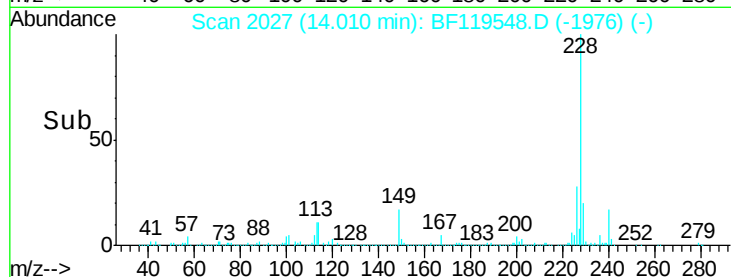
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.33 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

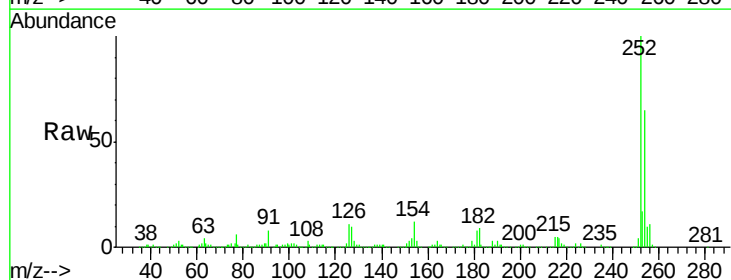
Tgt Ion:252 Resp: 564168

Ion Ratio Lower Upper

252 100

254 64.6 49.8 74.8

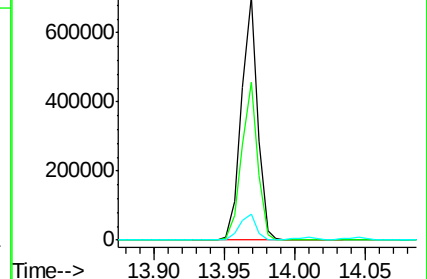
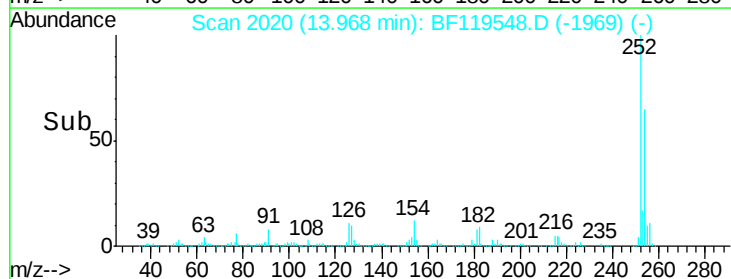
126 10.7 8.9 13.3

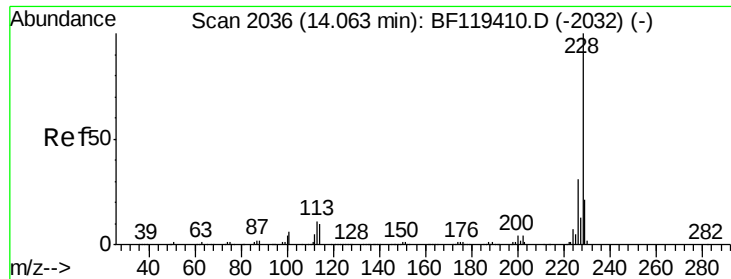


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.36 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

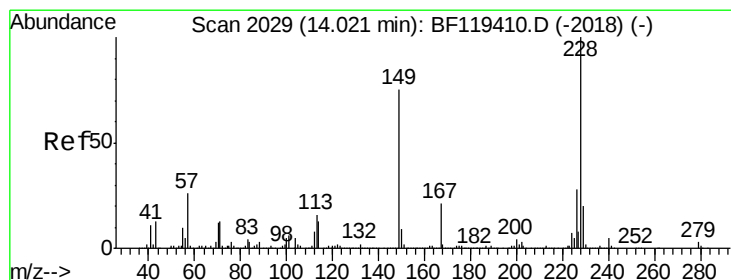
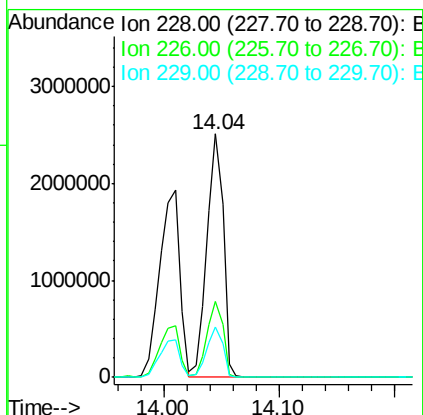
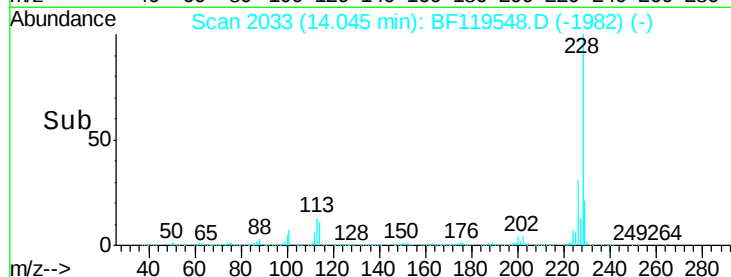
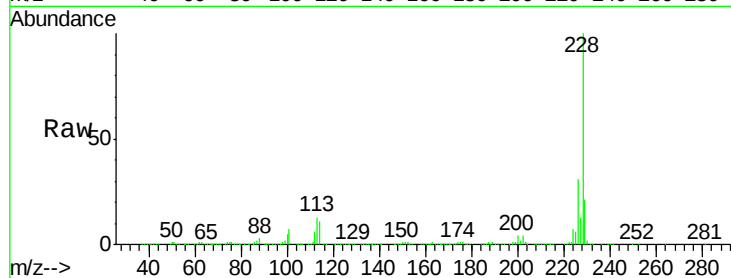
Tgt Ion:228 Resp: 2488007

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

229 20.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.92 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

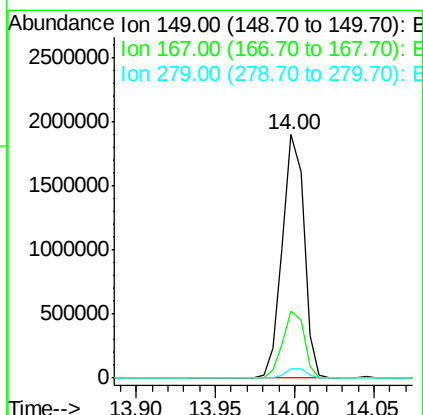
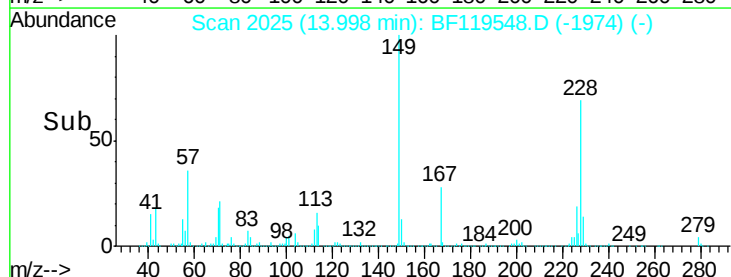
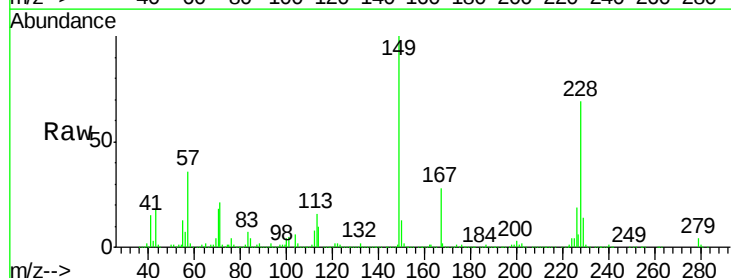
Tgt Ion:149 Resp: 1816116

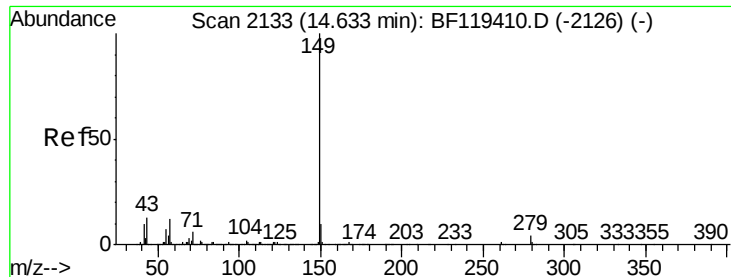
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 3.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.94 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

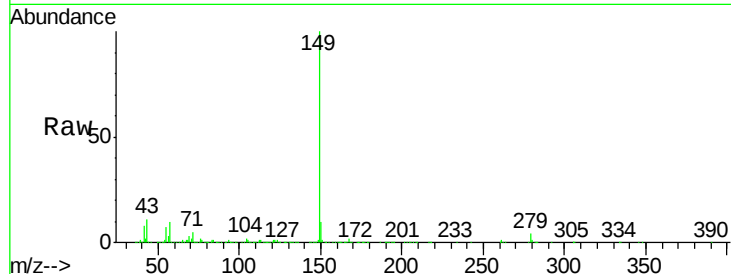
Tgt Ion:149 Resp: 3194807

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

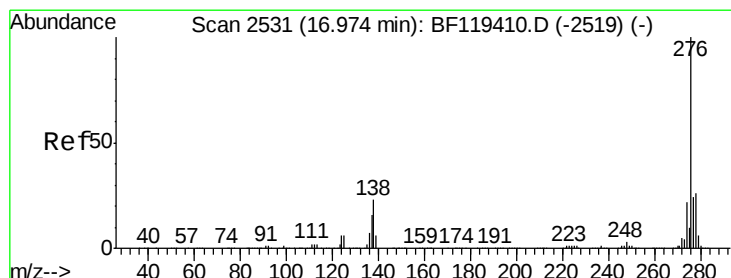
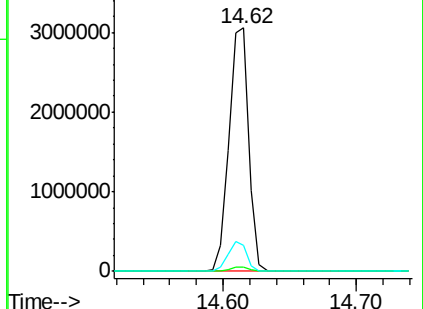
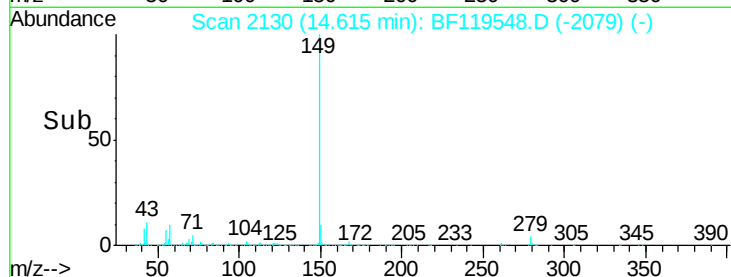
43 11.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.92 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

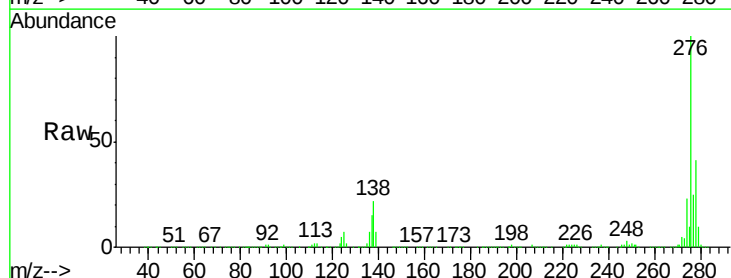
Tgt Ion:276 Resp: 2214043

Ion Ratio Lower Upper

276 100

138 24.1 21.3 31.9

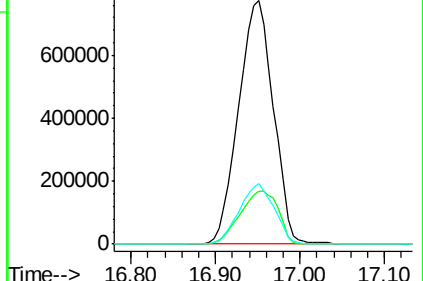
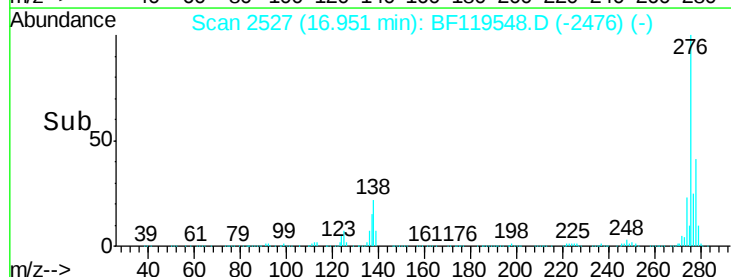
277 25.0 20.2 30.2

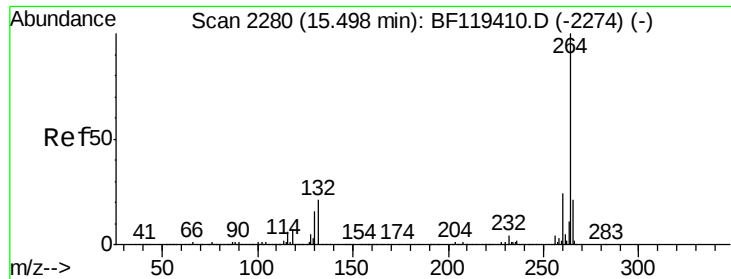


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

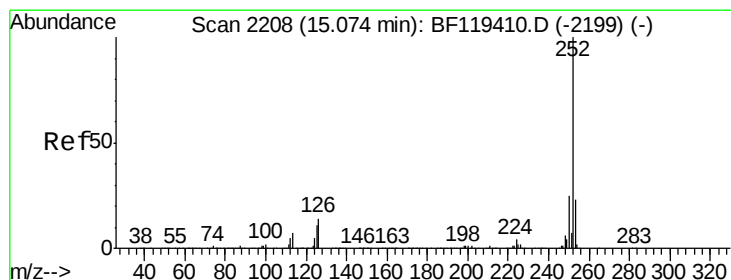
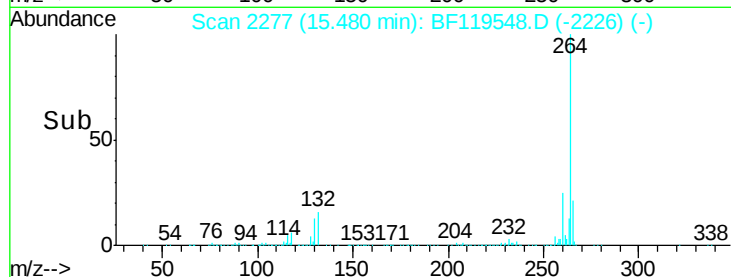
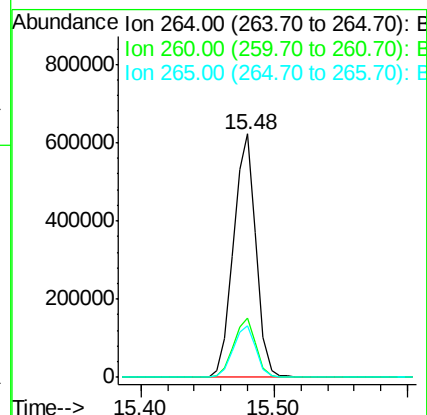
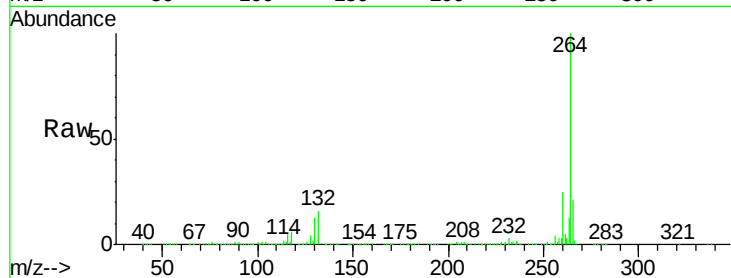




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

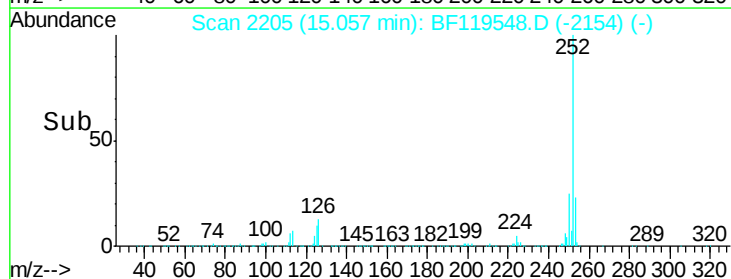
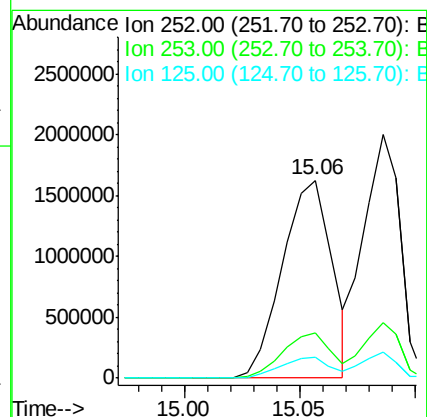
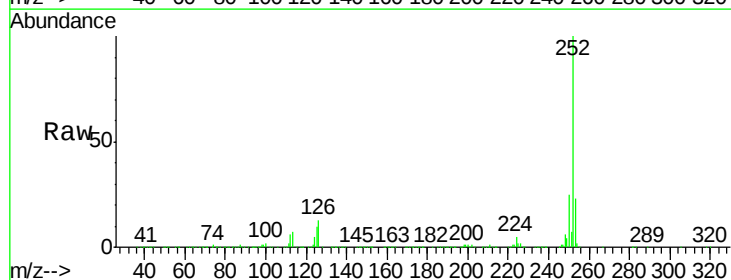
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

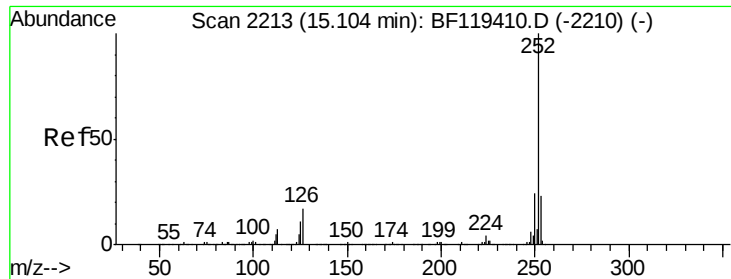
Tgt Ion:	264	Resp:	735501
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 49.36 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:	252	Resp:	2425308
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.4	8.8	13.2

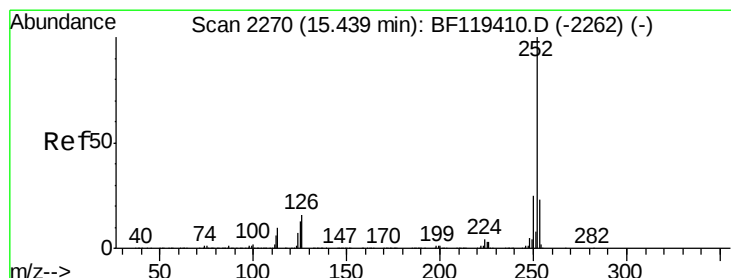
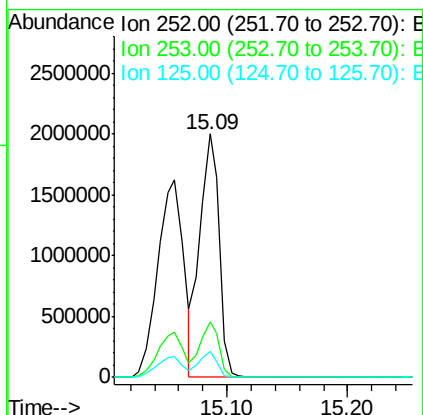
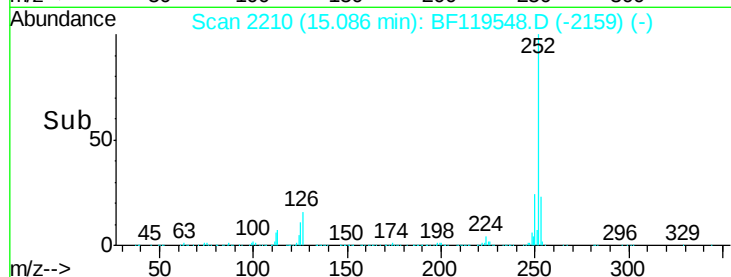
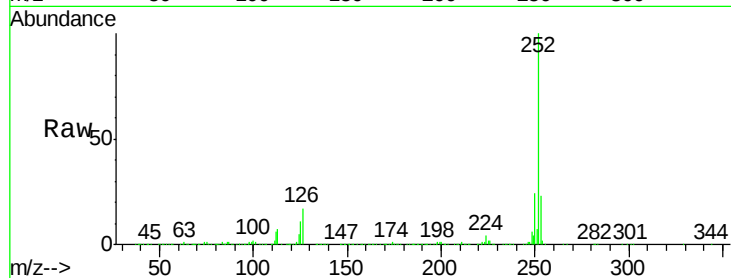




#89
Benzo(k)fluoranthene
Concen: 47.47 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

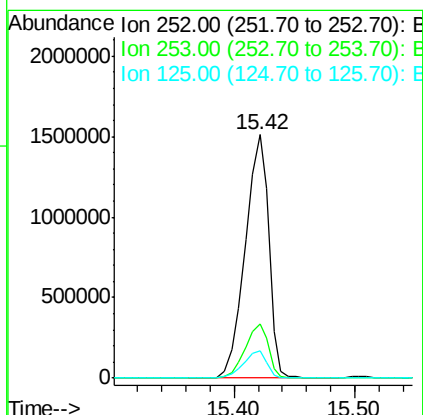
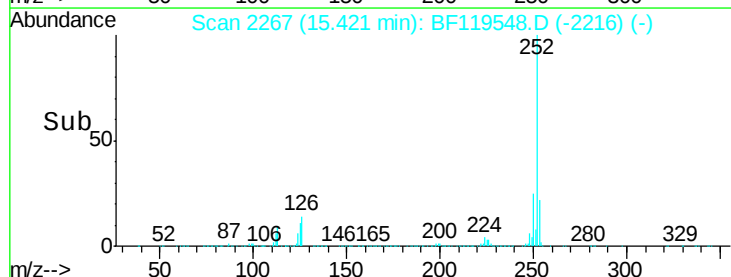
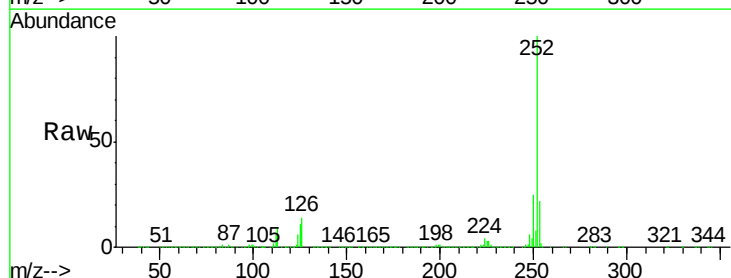
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

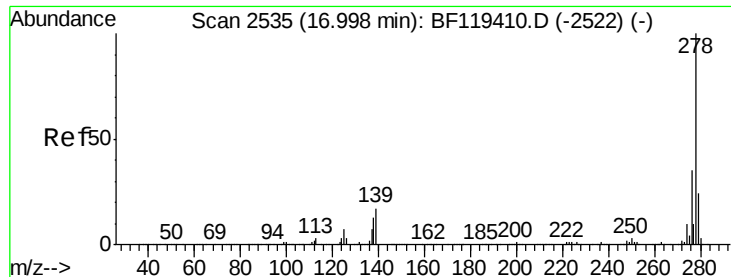
Tgt Ion:252 Resp: 2220991
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 46.24 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:252 Resp: 2064730
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.4 10.2 15.2



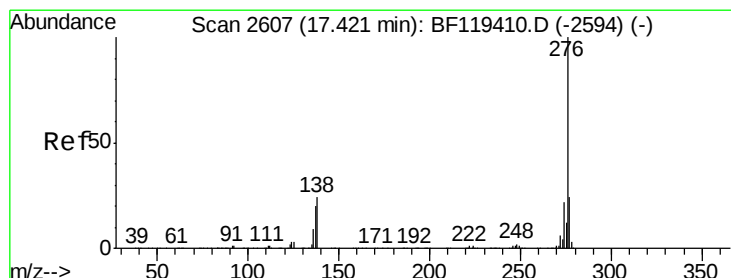
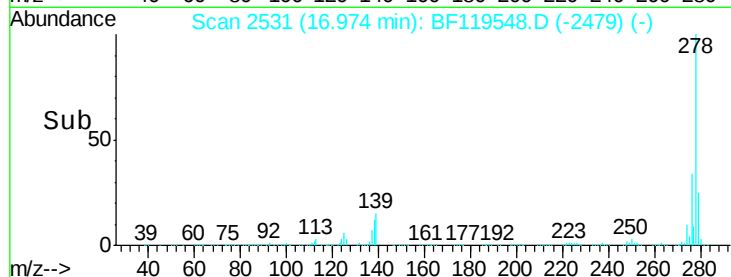
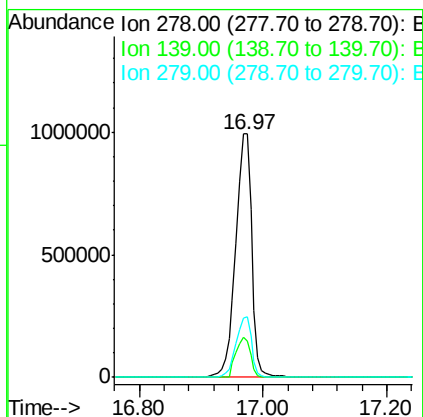
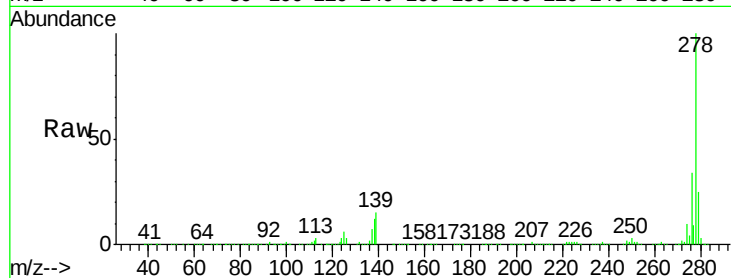


#91
Dibenzo(a,h)anthracene
Concen: 46.07 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

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

Tgt Ion: 278 Resp: 1799044

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	24.9	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 46.30 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 276 Resp: 1816735

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.2	19.1	28.7

