

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119697.D
 Acq On : 2 Apr 2020 5:19
 Operator : MA/SJ
 Sample : L2089-04MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

Quant Time: Apr 02 05:54:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	235660	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	941703	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	490322	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	938227	20.00	ng	0.00
76) Chrysene-d12	13.99	240	667064	20.00	ng	-0.01
87) Perylene-d12	15.44	264	715818	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1858111	125.52	ng	0.02
7) Phenol-d6	6.45	99	2464182	130.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	1533175	88.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	716441	141.63	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2780808	84.02	ng	0.00
79) Terphenyl-d14	12.93	244	2919142	85.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	286644	39.21	ng	97
3) Pyridine	3.34	79	800457	39.74	ng	93
4) n-Nitrosodimethylamine	3.30	42	416185	42.37	ng	92
6) Aniline	6.47	93	696737	26.70	ng	97
8) 2-Chlorophenol	6.60	128	848330	54.56	ng	99
9) Benzaldehyde	6.36	77	455240	37.95	ng	97
10) Phenol	6.46	94	1061521	52.61	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	808772	50.12	ng	99
12) 1,3-Dichlorobenzene	6.76	146	830257	49.34	ng	99
13) 1,4-Dichlorobenzene	6.83	146	836241	49.68	ng	100
14) 1,2-Dichlorobenzene	6.99	146	778790	49.50	ng	99
15) Benzyl Alcohol	6.96	79	699919	49.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1446835	44.45	ng	98
17) 2-Methylphenol	7.07	107	685683	48.13	ng	98
18) Hexachloroethane	7.33	117	317336	51.45	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	576233	50.55	ng	98
20) 3+4-Methylphenols	7.22	107	814854	46.67	ng	# 85
22) Acetophenone	7.23	105	1066075	47.38	ng	# 91
24) Nitrobenzene	7.40	77	869652	46.96	ng	99
25) Isophorone	7.64	82	1642633	46.73	ng	99
26) 2-Nitrophenol	7.72	139	456052	62.55	ng	91
27) 2,4-Dimethylphenol	7.75	122	751813	49.87	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	1040452	50.06	ng	100
29) 2,4-Dichlorophenol	7.96	162	701886	50.67	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	739162	48.25	ng	98
31) Naphthalene	8.12	128	2333343	48.15	ng	100
32) Benzoic acid	7.88	122	554107	57.14	ng	92
33) 4-Chloroaniline	8.16	127	210080	9.46	ng	99
34) Hexachlorobutadiene	8.24	225	417234	48.68	ng	99
35) Caprolactam	8.55	113	125699	27.73	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	761018	50.26	ng	100
37) 2-Methylnaphthalene	8.82	142	1587343	49.91	ng	99
38) 1-Methylnaphthalene	8.92	142	1531390	50.87	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	680956	47.38	ng	99

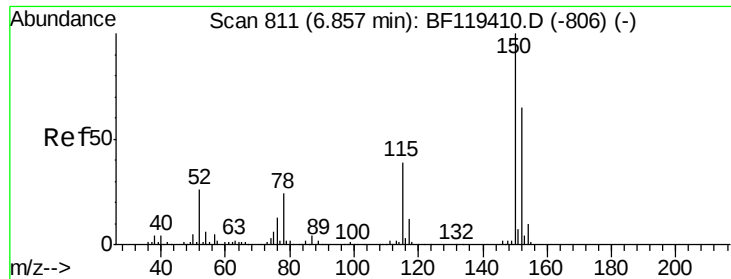
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	797826	97.65	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	526604	51.20	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	529691	45.97	ng	97
46) 1,1'-Biphenyl	9.28	154	1904979	47.70	ng	100
47) 2-Chloronaphthalene	9.30	162	1455443	46.53	ng	99
48) 2-Nitroaniline	9.40	65	533440	49.41	ng	97
49) Acenaphthylene	9.72	152	2356773	47.98	ng	98
50) Dimethylphthalate	9.59	163	2106328	60.48	ng	99
51) 2,6-Dinitrotoluene	9.65	165	395864	53.03	ng	96
52) Acenaphthene	9.89	154	1455013	47.51	ng	98
53) 3-Nitroaniline	9.81	138	191387	20.31	ng	89
54) 2,4-Dinitrophenol	9.92	184	383339	115.16	ng	90
55) Dibenzofuran	10.07	168	2090136	47.60	ng	100
56) 4-Nitrophenol	9.98	139	682001	91.73	ng	92
57) 2,4-Dinitrotoluene	10.05	165	528650	56.22	ng	92
58) Fluorene	10.41	166	1599769	49.27	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	458305	53.22	ng	98
60) Diethylphthalate	10.29	149	1781224	50.39	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	768987	48.43	ng	97
62) 4-Nitroaniline	10.43	138	424799	47.00	ng	95
63) Azobenzene	10.56	77	1702214	47.82	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	270610	68.78	ng	94
66) n-Nitrosodiphenylamine	10.52	169	1492409	48.45	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	518234	48.50	ng	94
68) Hexachlorobenzene	10.96	284	546229	49.95	ng	95
69) Atrazine	11.05	200	452956	53.64	ng	99
70) Pentachlorophenol	11.15	266	599649	93.51	ng	98
71) Phenanthrene	11.37	178	2280917	46.88	ng	100
72) Anthracene	11.42	178	2362742	47.79	ng	99
73) Carbazole	11.57	167	2213628	45.23	ng	100
74) Di-n-butylphthalate	11.91	149	2753237	52.59	ng	99
75) Fluoranthene	12.56	202	2513095	47.73	ng	98
77) Benzidine	12.68	184	1030617	36.51	ng	98
78) Pyrene	12.79	202	2509822	45.85	ng	100
80) Butylbenzylphthalate	13.41	149	1186440	53.58	ng	99
81) Benzo(a)anthracene	13.98	228	2002254	46.16	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	293929	17.19	ng	98
83) Chrysene	14.02	228	2117255	47.29	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1539286	58.32	ng	99
85) Di-n-octyl phthalate	14.58	149	2820686	60.76	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2239223	53.11	ng	99
88) Benzo(b)fluoranthene	15.02	252	2224188	46.52	ng	97
89) Benzo(k)fluoranthene	15.06	252	2108894	46.32	ng	98
90) Benzo(a)pyrene	15.39	252	2018862	46.46	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1850343	48.68	ng	98
92) Benzo(g,h,i)perylene	17.34	276	1789638	46.87	ng	96

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

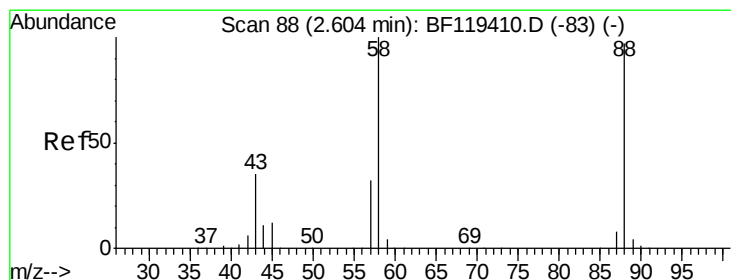
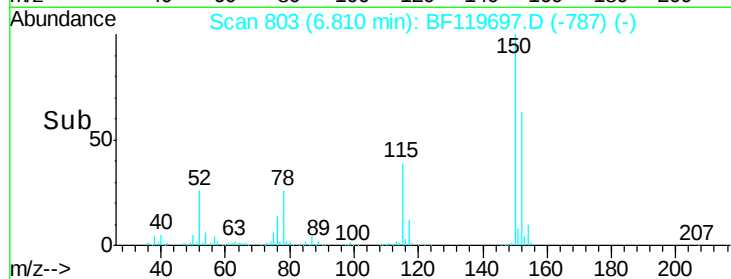
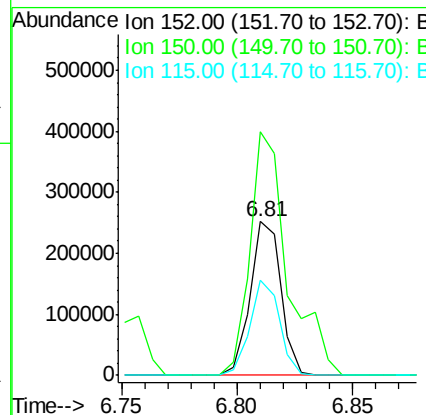
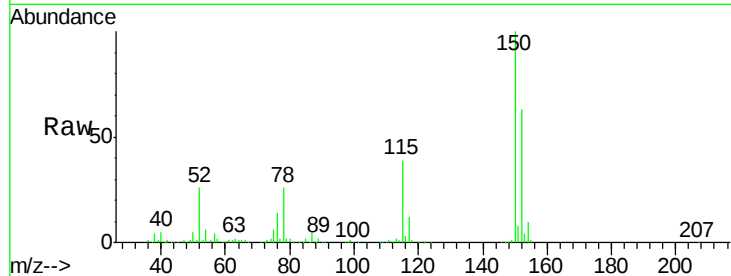


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Instrument :
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SB-3J-(5-7)MSD

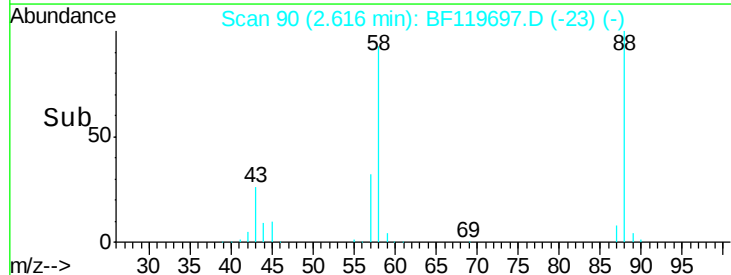
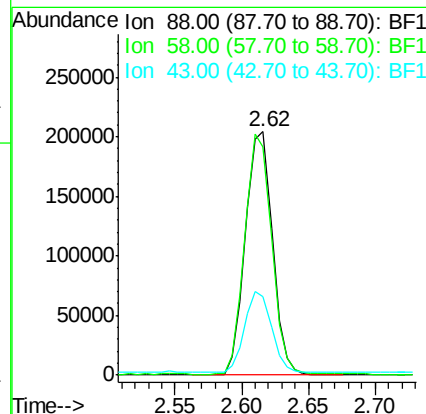
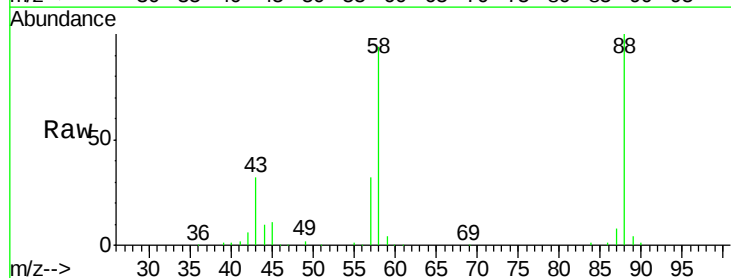
Tgt Ion:152 Resp: 235660
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 62.1 49.6 74.4

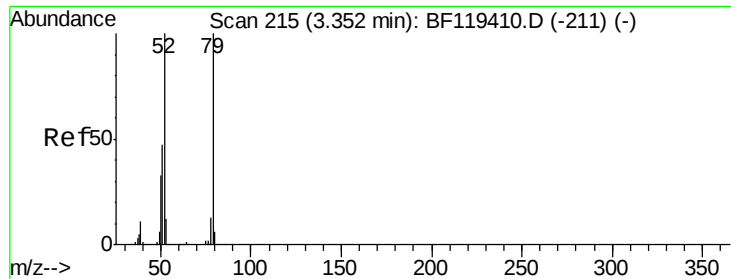


#2

1,4-Dioxane
Concen: 39.21 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.09 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion: 88 Resp: 286644
Ion Ratio Lower Upper
88 100
58 97.5 80.6 121.0
43 33.4 27.5 41.3





#3

Pyridine

Concen: 39.74 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.08 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

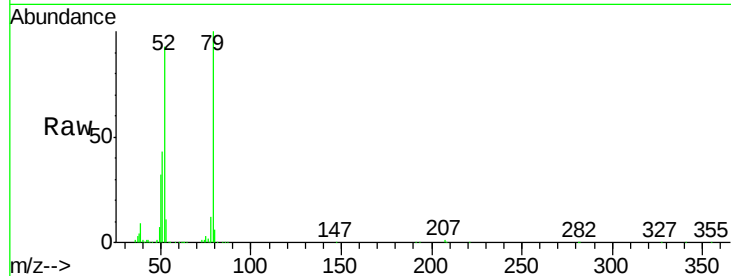
Tgt Ion: 79 Resp: 800457

Ion Ratio Lower Upper

79 100

52 93.1 80.2 120.2

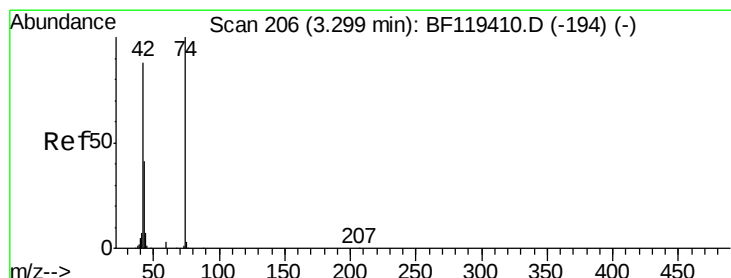
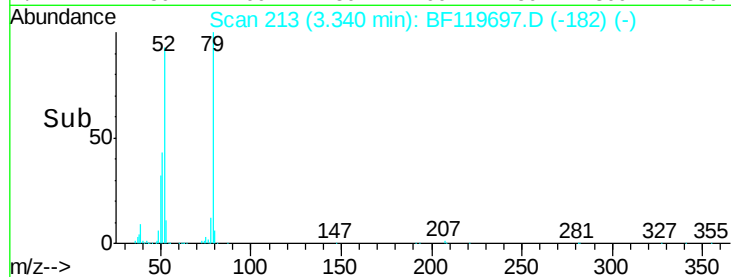
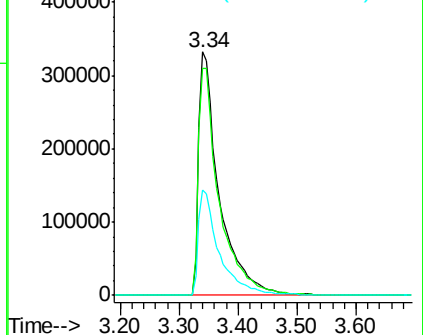
51 43.2 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.37 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.09 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

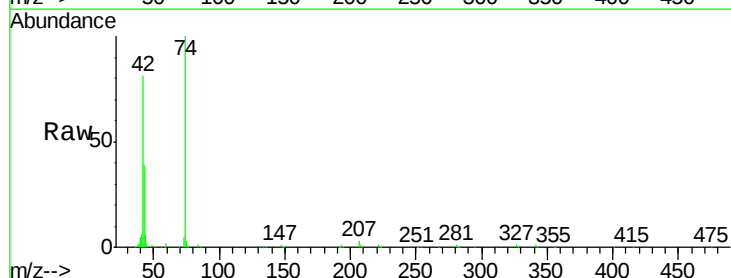
Tgt Ion: 42 Resp: 416185

Ion Ratio Lower Upper

42 100

74 123.3 91.5 137.3

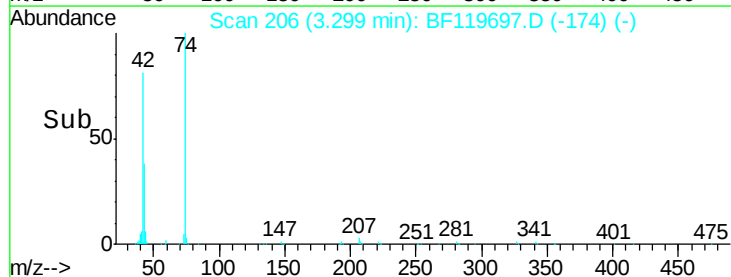
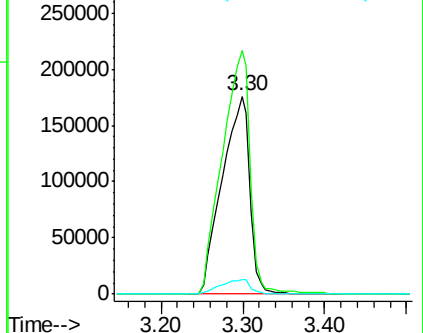
44 7.4 6.2 9.4

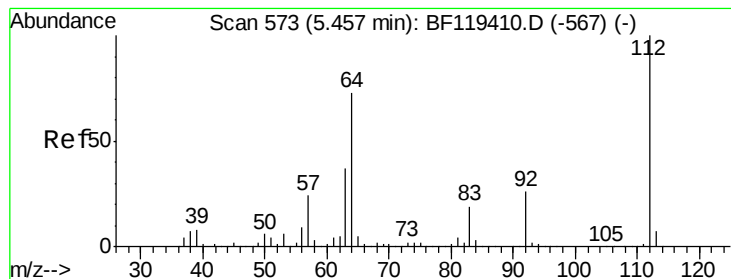


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.52 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

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ClientSampleId :

SB-3J-(5-7)MSD

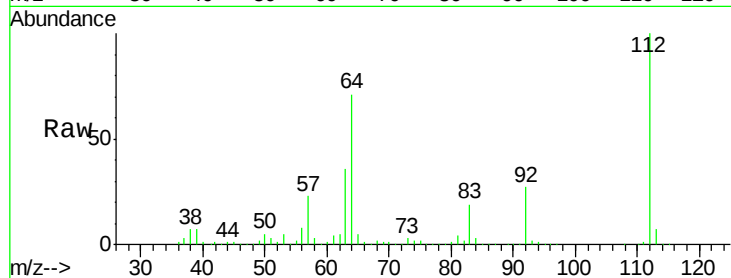
Tgt Ion: 112 Resp: 1858111

Ion Ratio Lower Upper

112 100

64 70.8 56.7 85.1

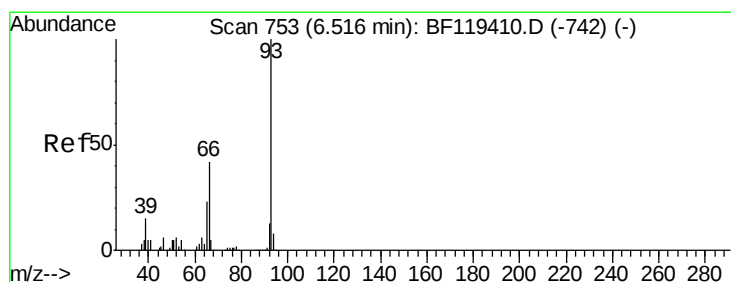
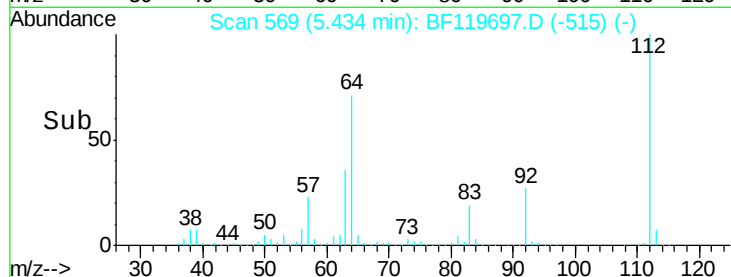
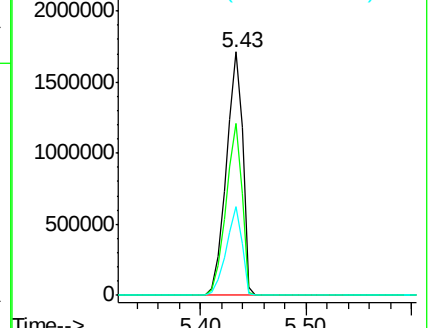
63 36.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.70 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

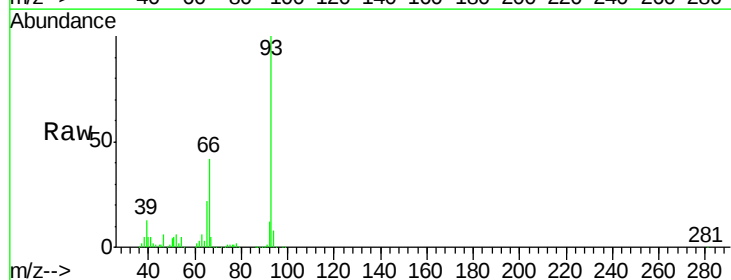
Tgt Ion: 93 Resp: 696737

Ion Ratio Lower Upper

93 100

66 41.7 34.9 52.3

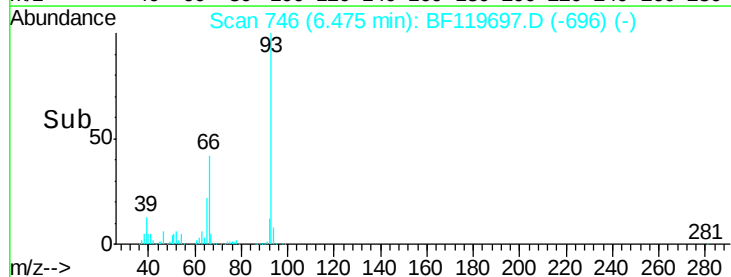
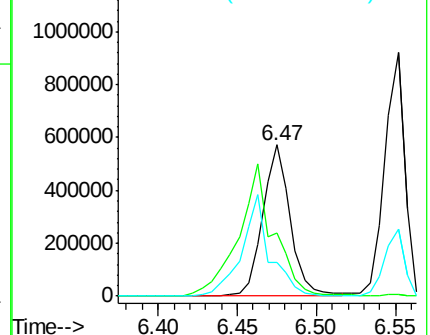
65 22.1 18.6 27.8

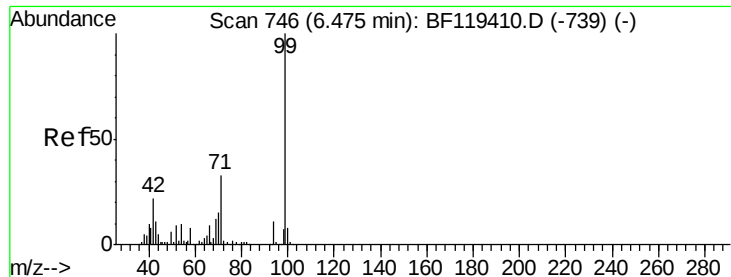


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.31 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119697.D

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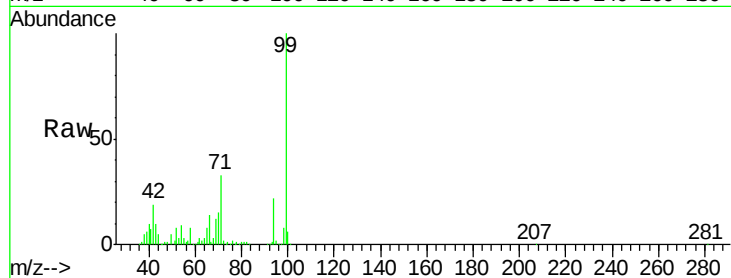
Tgt Ion: 99 Resp: 2464182

Ion Ratio Lower Upper

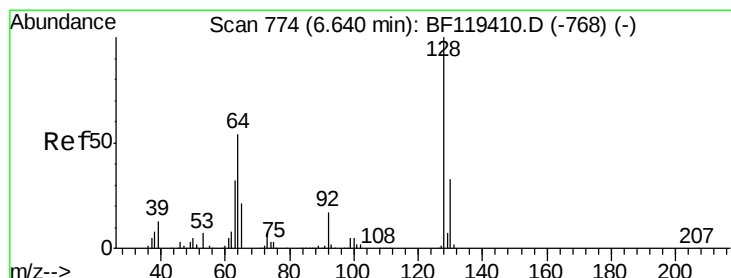
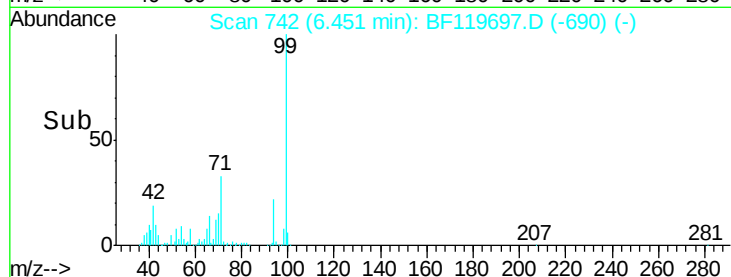
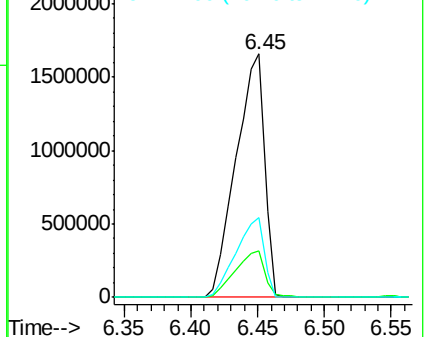
99 100

42 19.0 16.6 24.8

71 32.6 26.4 39.6



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



#8

2-Chlorophenol

Concen: 54.56 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

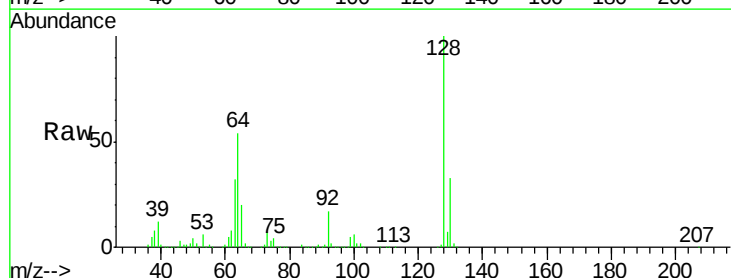
Tgt Ion: 128 Resp: 848330

Ion Ratio Lower Upper

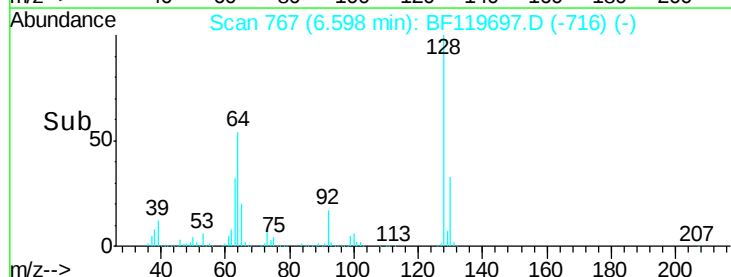
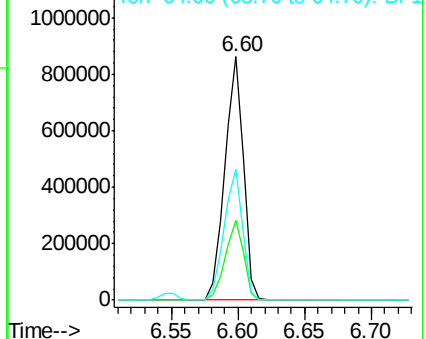
128 100

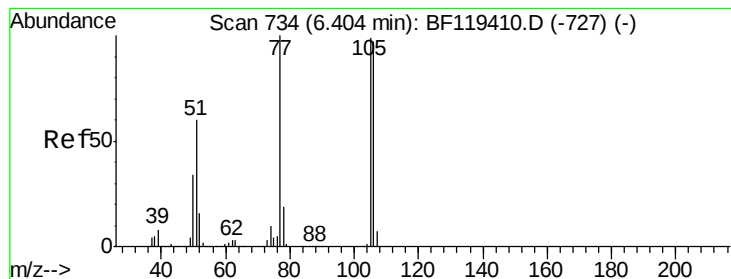
130 32.5 12.6 52.6

64 54.1 35.3 75.3



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





#9

Benzaldehyde

Concen: 37.95 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119697.D

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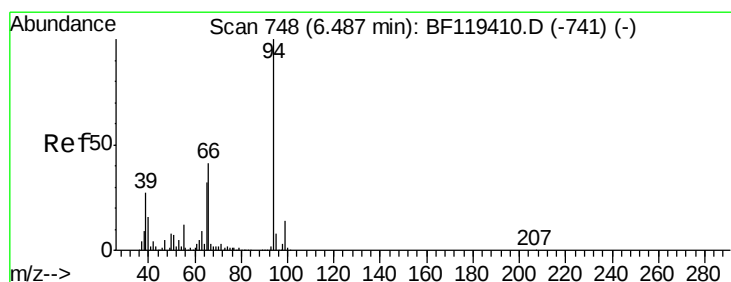
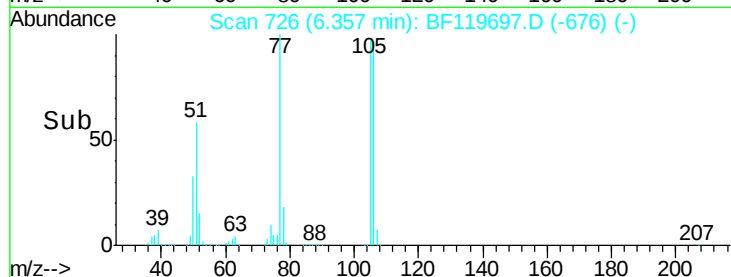
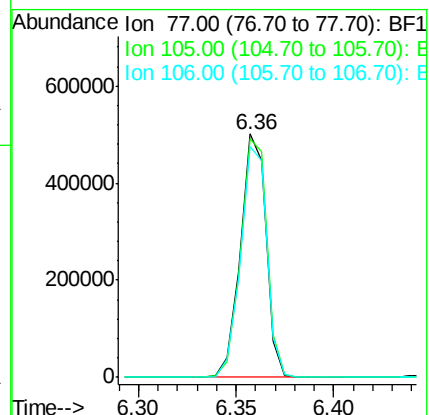
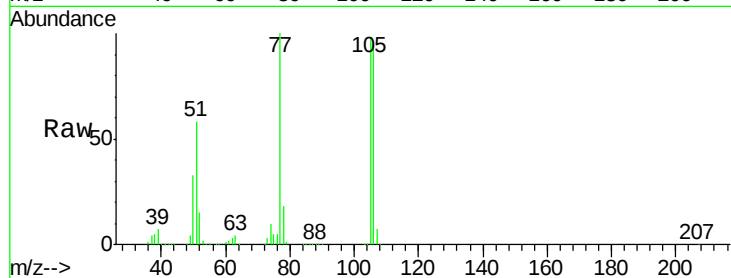
Tgt Ion: 77 Resp: 455240

Ion Ratio Lower Upper

77 100

105 98.0 80.9 120.9

106 94.6 77.9 117.9



#10

Phenol

Concen: 52.61 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

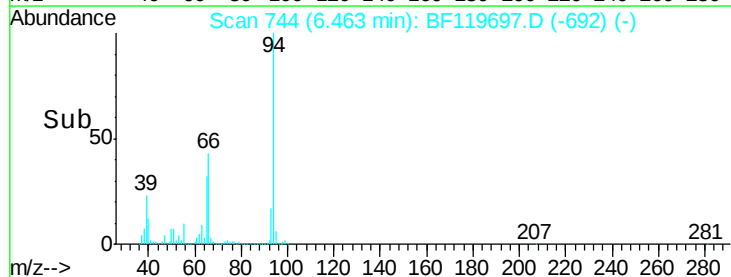
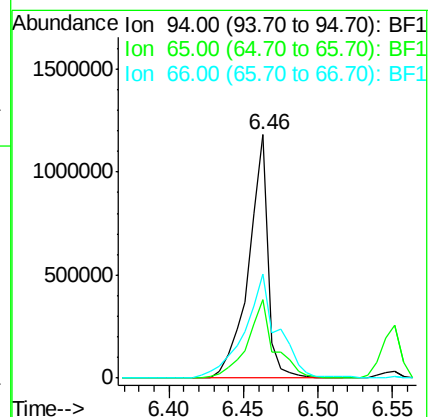
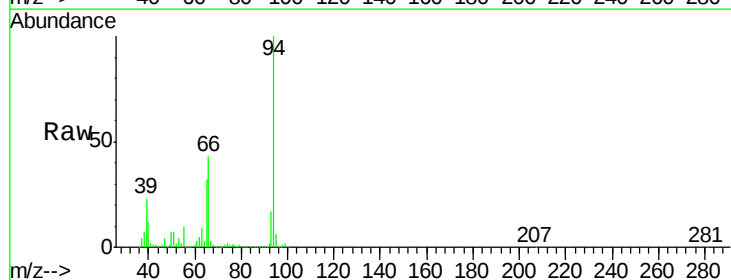
Tgt Ion: 94 Resp: 1061521

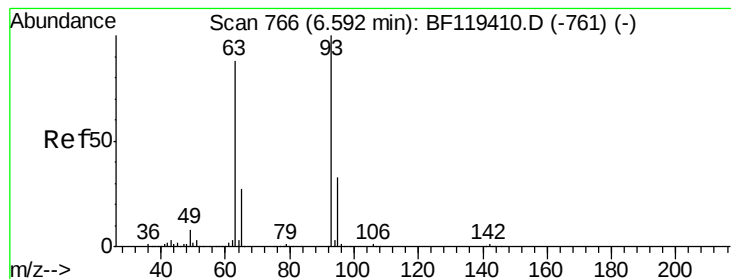
Ion Ratio Lower Upper

94 100

65 32.4 13.2 53.2

66 42.5 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 50.12 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

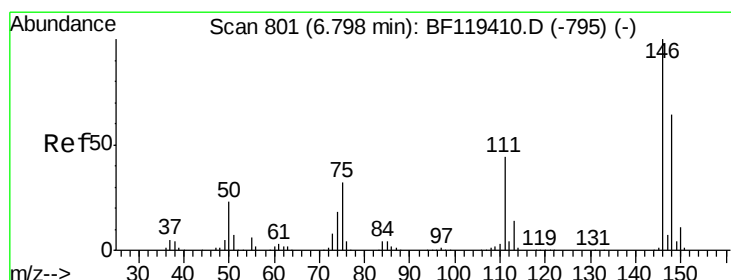
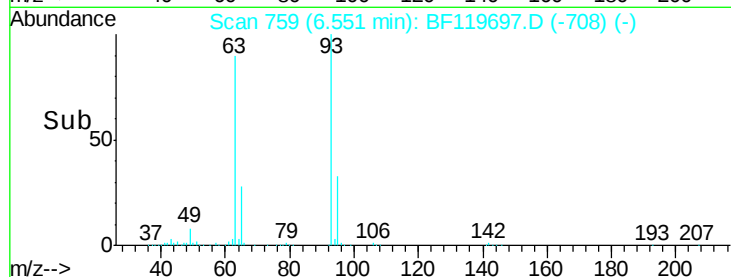
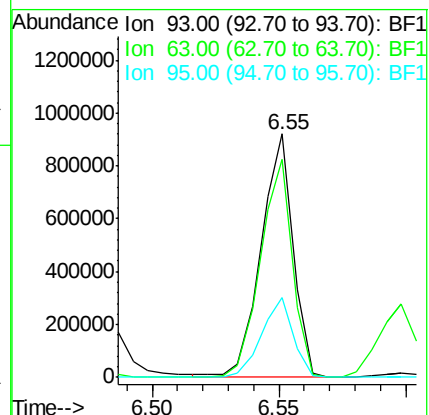
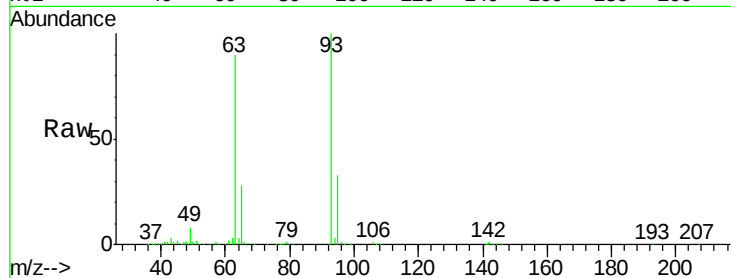
Tgt Ion: 93 Resp: 808772

Ion Ratio Lower Upper

93 100

63 89.7 70.2 110.2

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 49.34 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

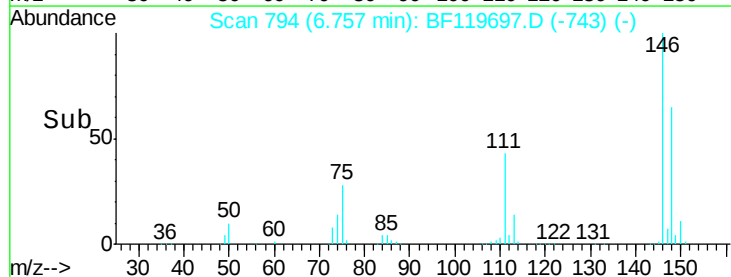
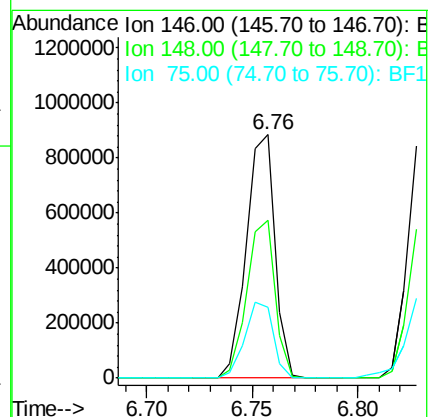
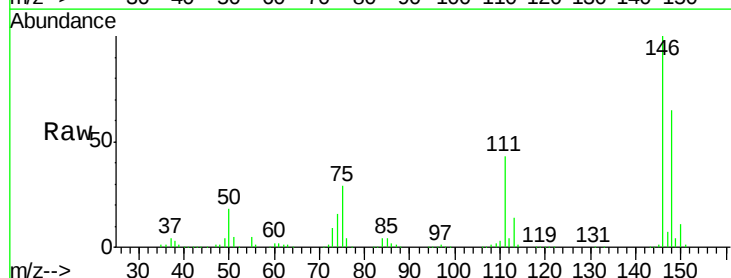
Tgt Ion: 146 Resp: 830257

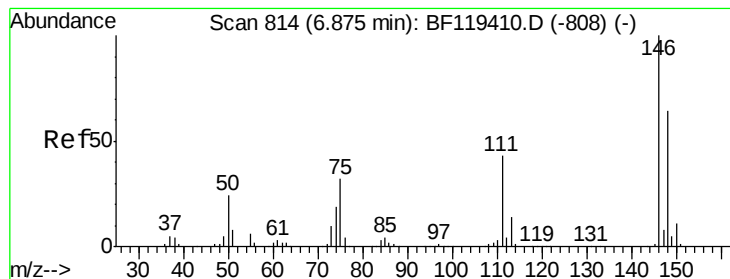
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

75 28.8 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 49.68 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

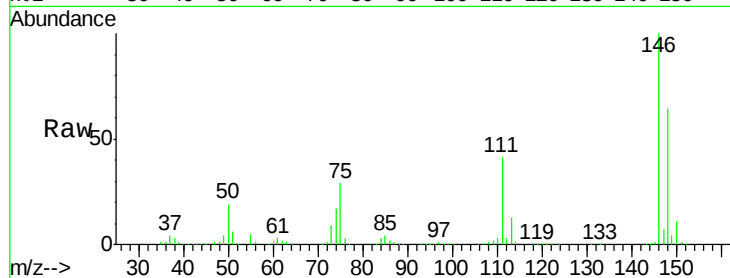
Tgt Ion:146 Resp: 836241

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

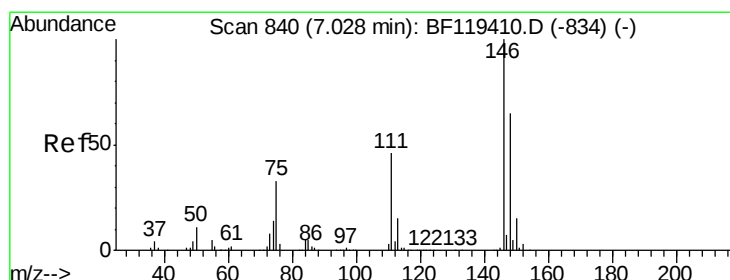
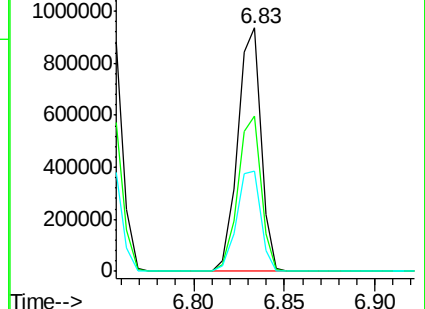
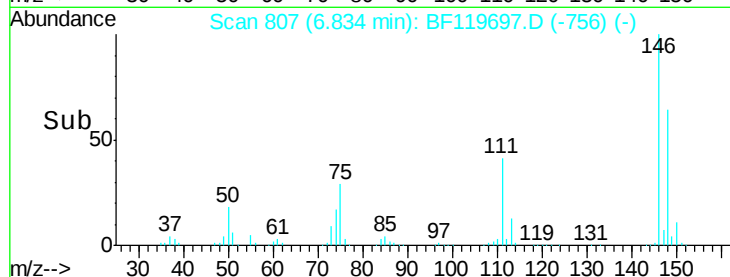
111 41.4 33.3 49.9



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: 49.50 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

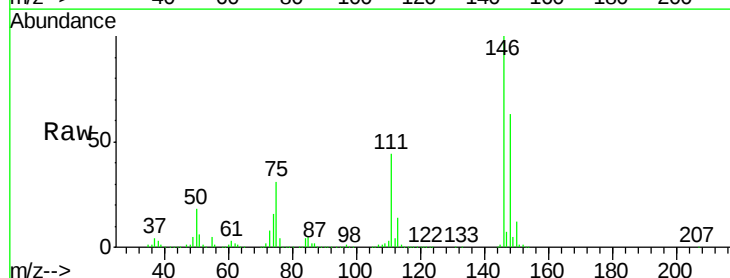
Tgt Ion:146 Resp: 778790

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

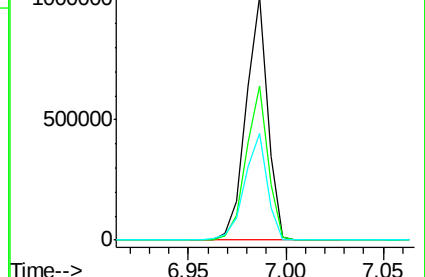
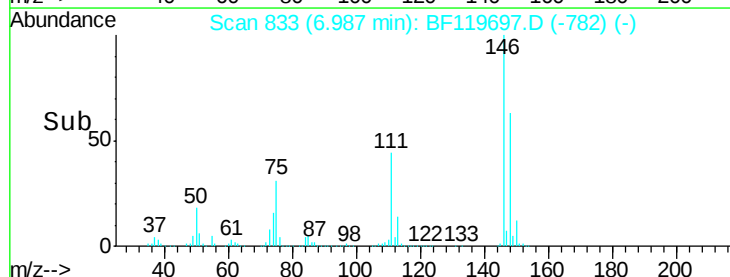
111 43.8 36.1 54.1

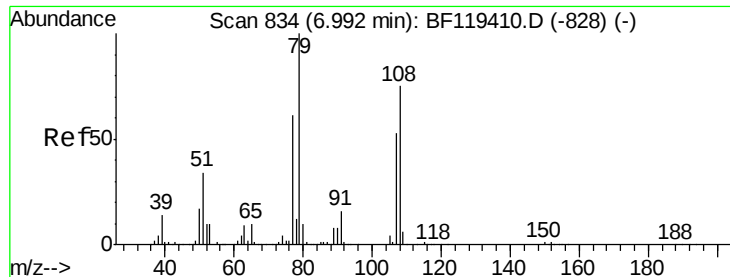


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.20 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

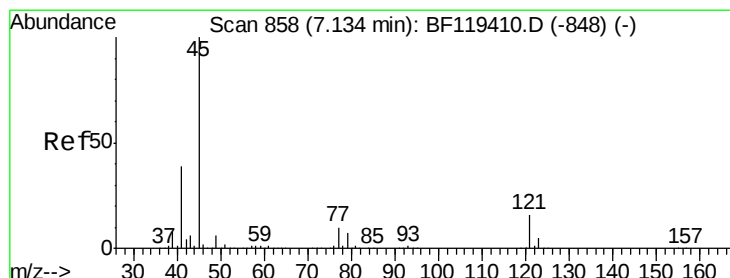
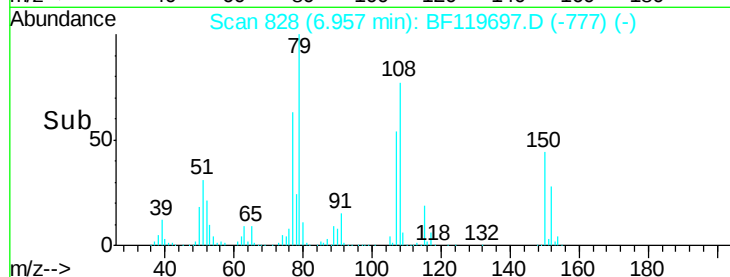
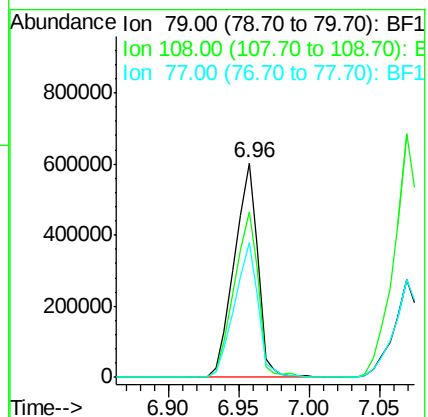
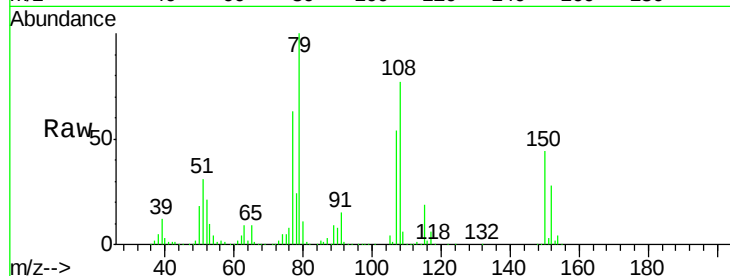
Tgt Ion: 79 Resp: 699919

Ion Ratio Lower Upper

79 100

108 77.3 60.6 90.8

77 63.0 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.45 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

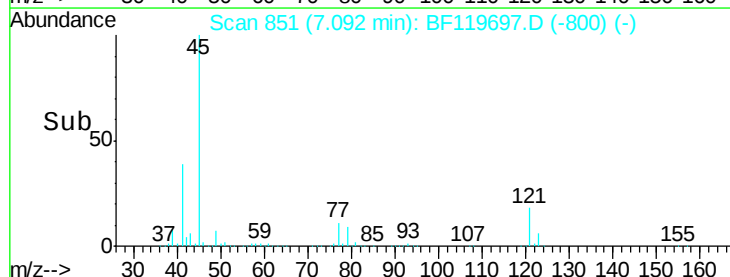
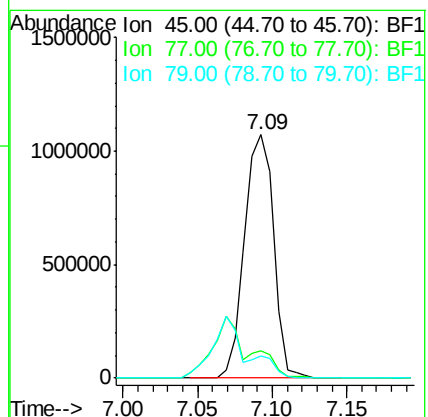
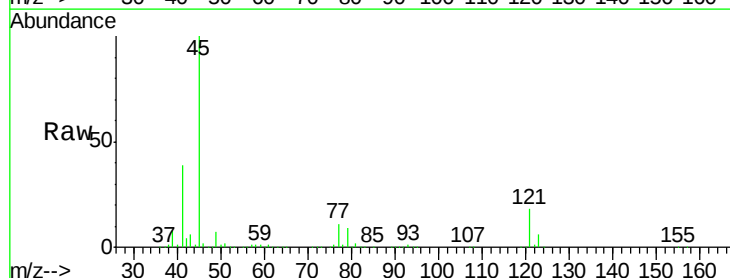
Tgt Ion: 45 Resp: 1446835

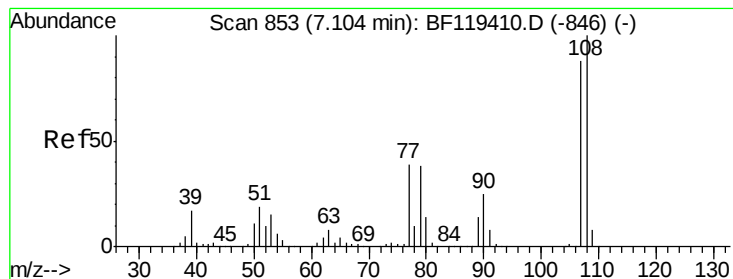
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.7

79 8.9 0.0 28.2





#17

2-Methylphenol

Concen: 48.13 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

Tgt Ion:107 Resp: 685683

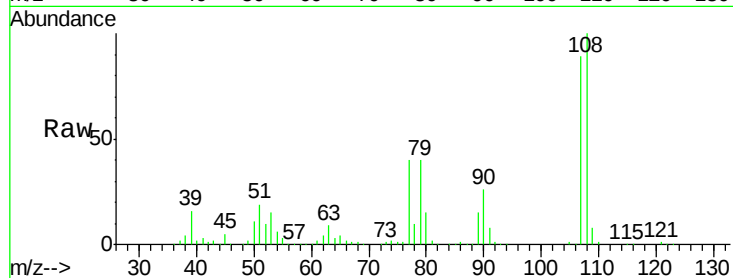
Ion Ratio Lower Upper

107 100

108 112.5 92.2 138.4

77 45.0 36.6 54.8

79 45.1 36.2 54.4

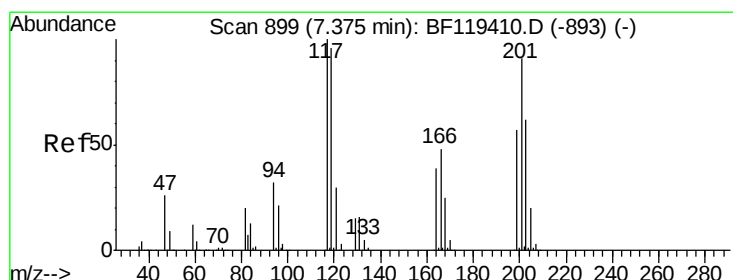
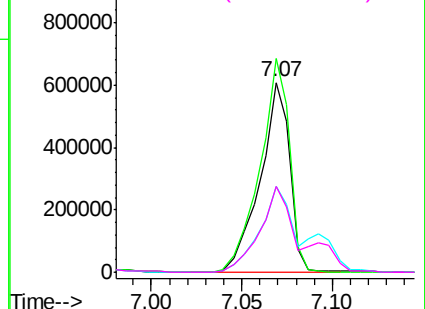
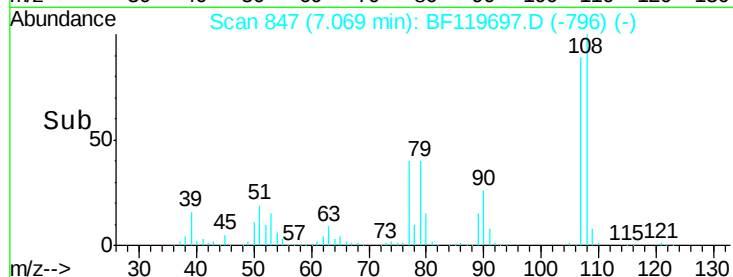


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 51.45 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

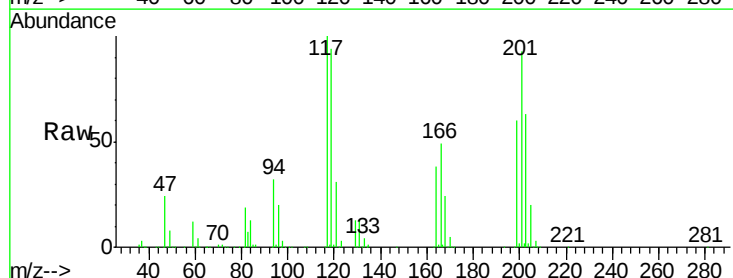
Tgt Ion:117 Resp: 317336

Ion Ratio Lower Upper

117 100

119 94.3 76.1 114.1

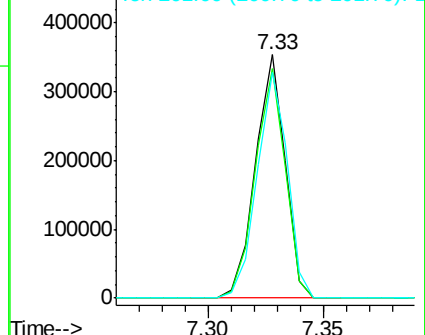
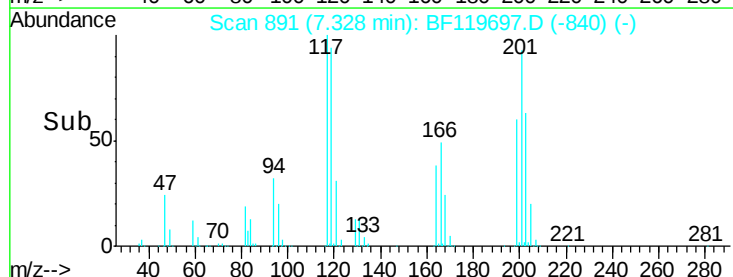
201 92.5 73.0 109.6

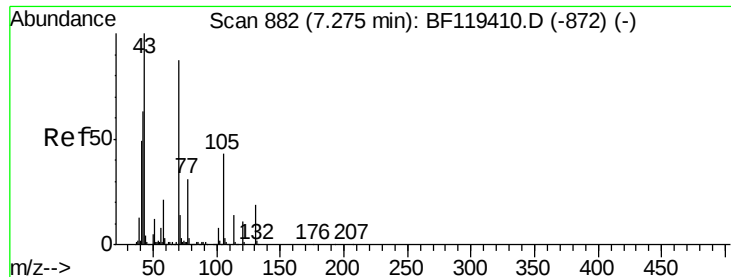


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

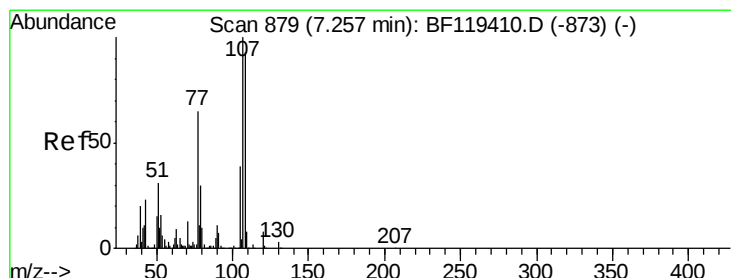
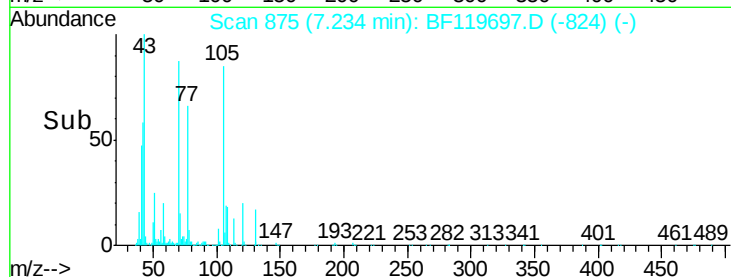
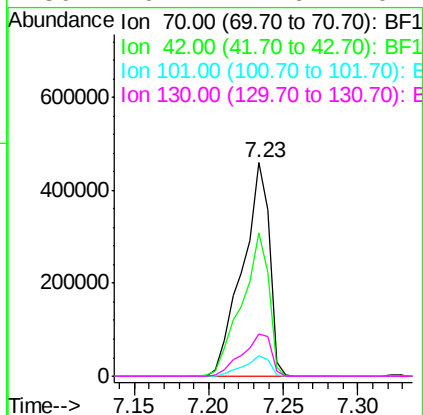
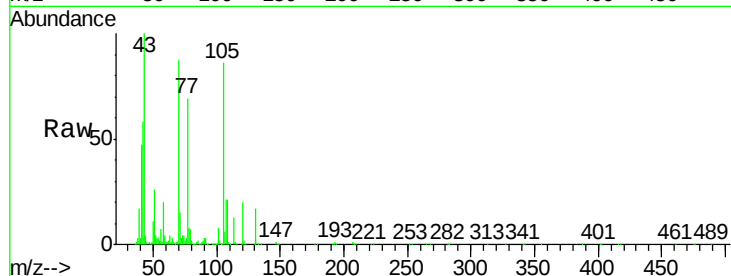




#19
n-Nitroso-di-n-propylamine
Concen: 50.55 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

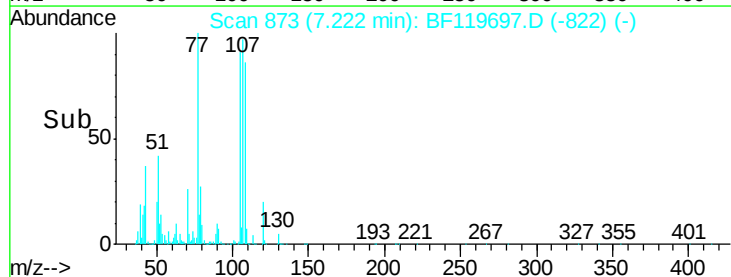
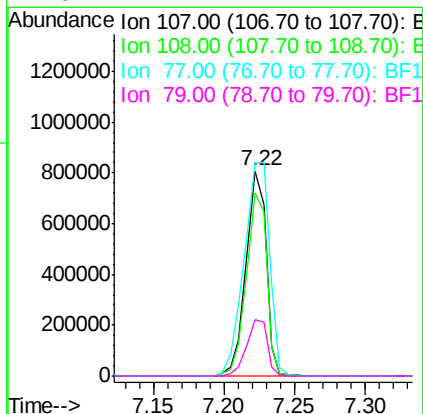
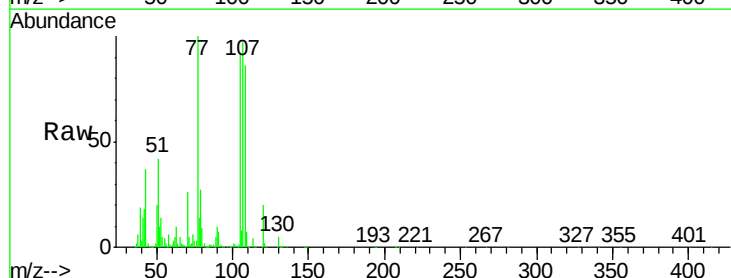
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

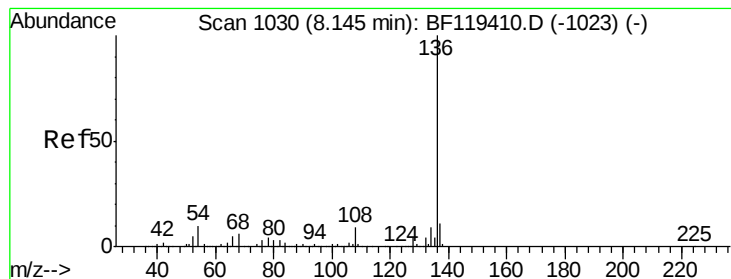
Tgt Ion:	70	Resp:	576233
Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.5	81.7
101	9.7	7.6	11.4
130	20.1	17.6	26.4



#20
3+4-Methylphenols
Concen: 46.67 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:	107	Resp:	814854
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.9	107.9
77	103.5	52.9	92.9
79	27.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

Tgt Ion:136 Resp: 941703

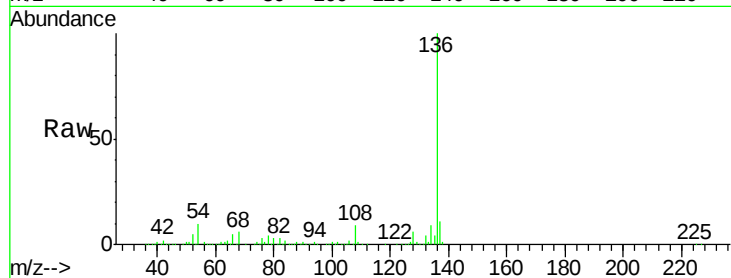
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 9.1 13.7

68 5.9 4.6 6.8

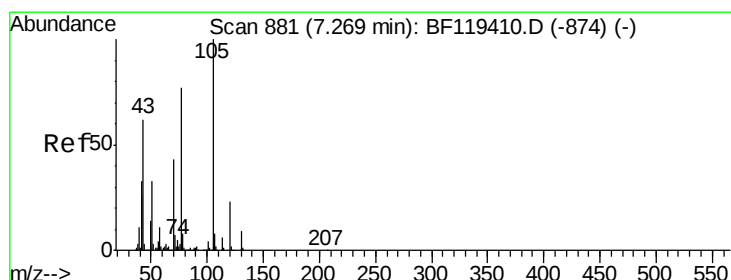
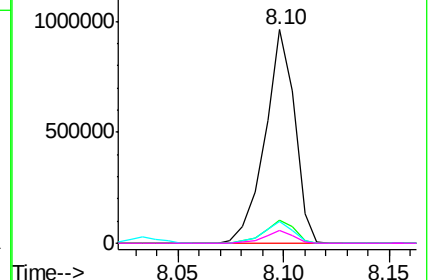
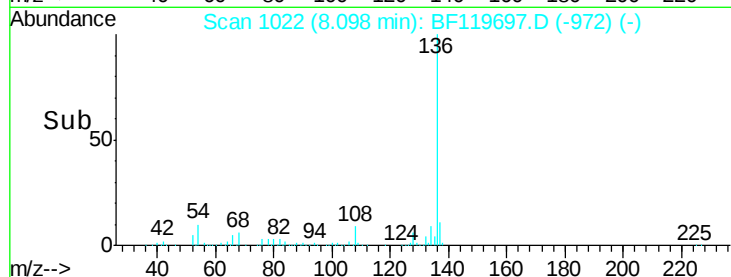


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.38 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Tgt Ion:105 Resp: 1066075

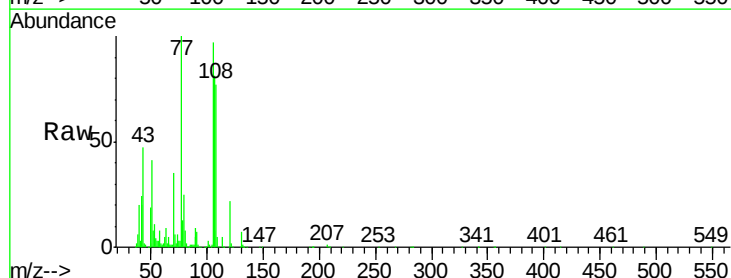
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 41.9 26.2 39.4#

120 22.4 18.3 27.5

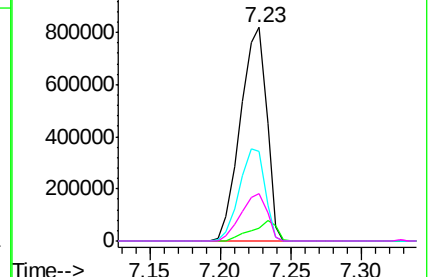
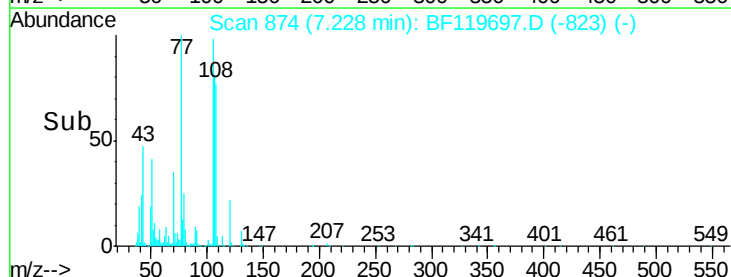


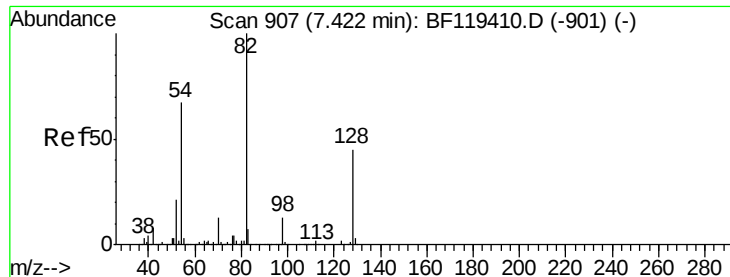
Abundance Ion 105.00 (104.70 to 105.70): E

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

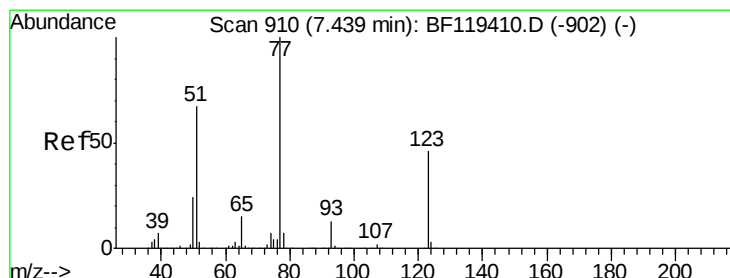
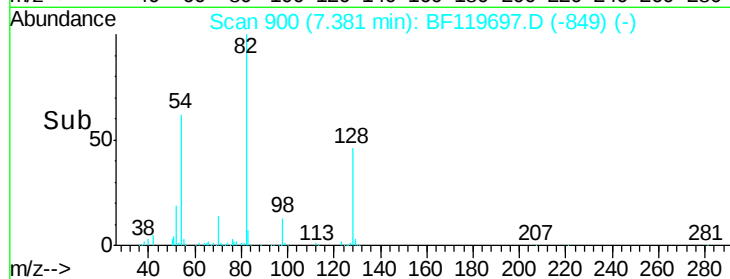
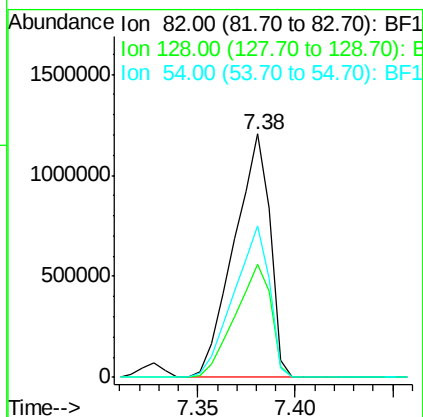
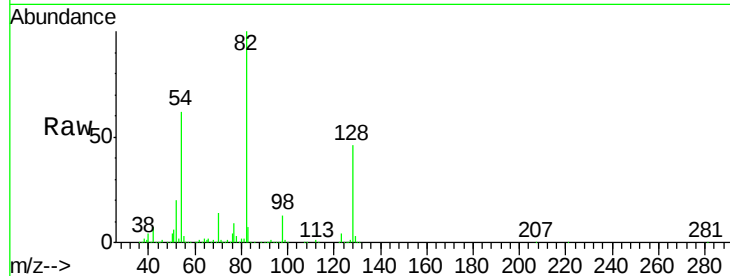




#23
Nitrobenzene-d5
Concen: 88.48 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

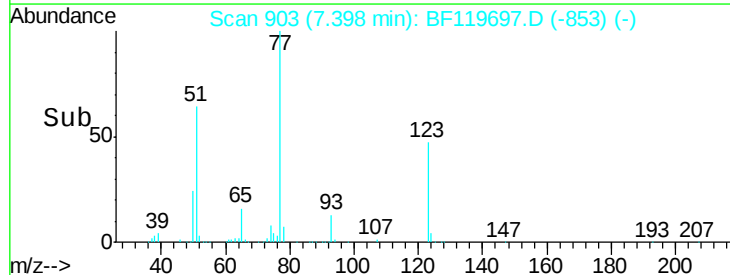
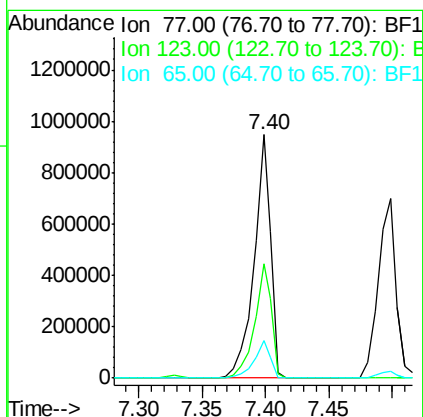
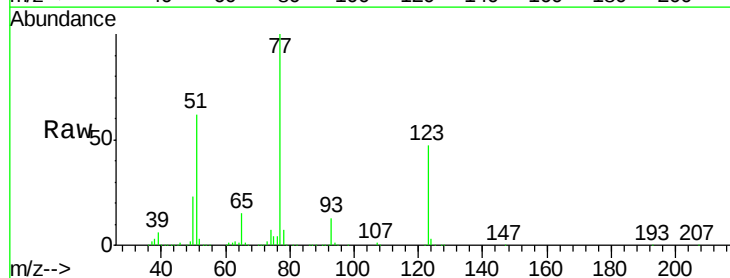
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

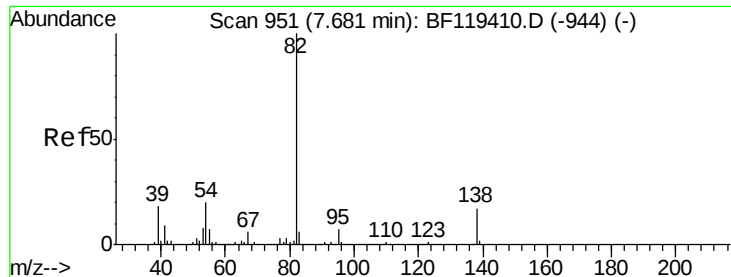
Tgt Ion: 82 Resp: 1533175
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 62.2 50.6 75.8



#24
Nitrobenzene
Concen: 46.96 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion: 77 Resp: 869652
Ion Ratio Lower Upper
77 100
123 47.2 38.0 57.0
65 15.3 12.6 18.8





#25

Isophorone

Concen: 46.73 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

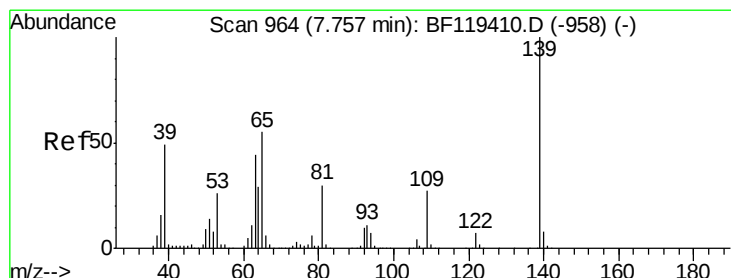
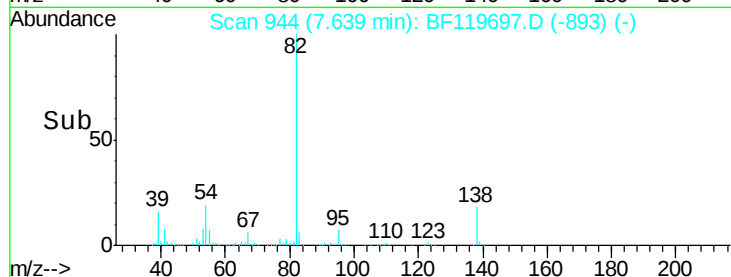
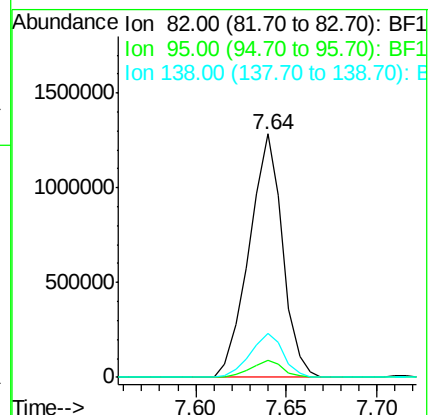
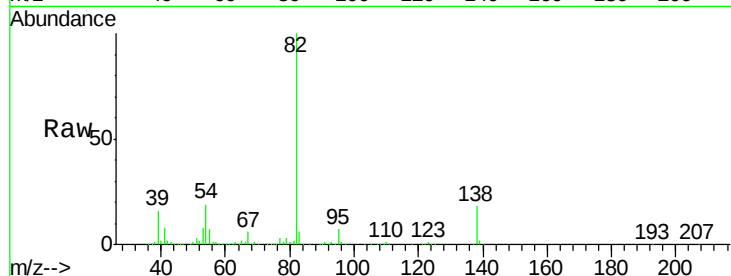
Tgt Ion: 82 Resp: 1642633

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 18.0 14.6 21.8



#26

2-Nitrophenol

Concen: 62.55 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

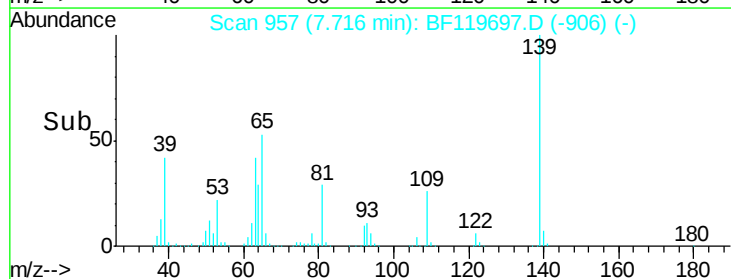
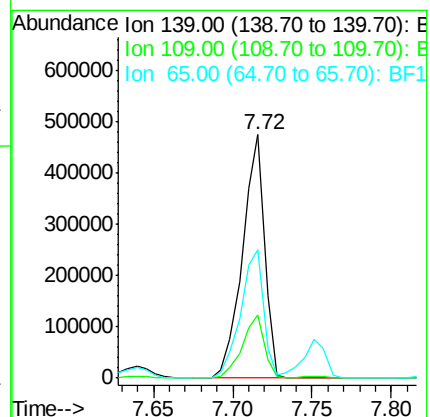
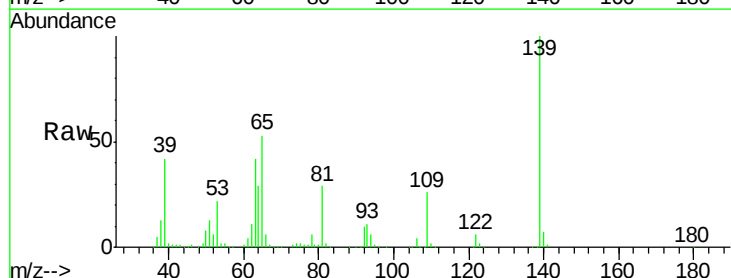
Tgt Ion: 139 Resp: 456052

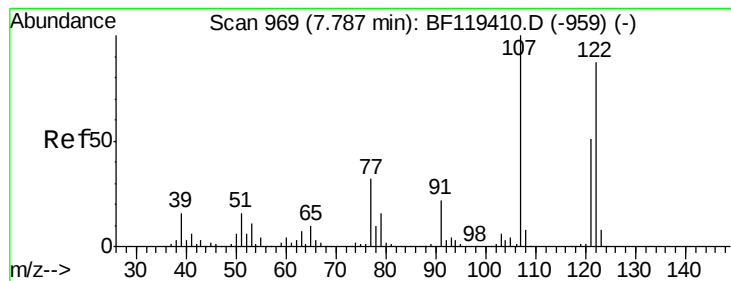
Ion Ratio Lower Upper

139 100

109 25.8 22.1 33.1

65 52.6 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 49.87 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

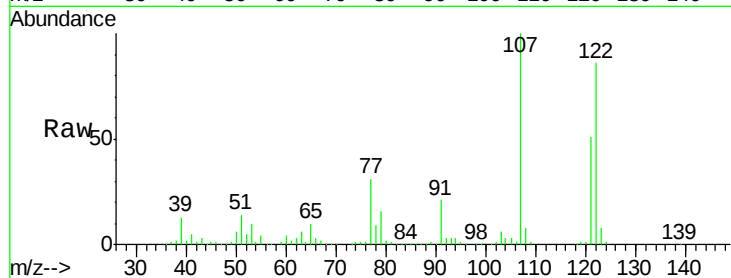
Tgt Ion:122 Resp: 751813

Ion Ratio Lower Upper

122 100

107 116.0 89.0 133.6

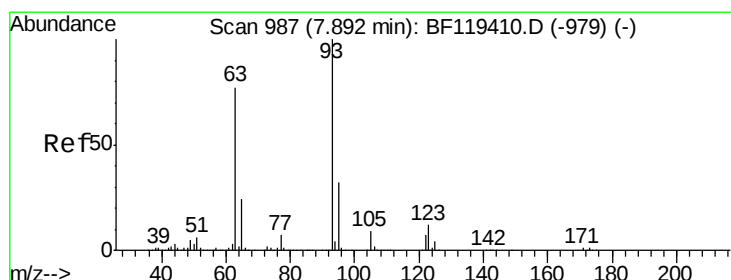
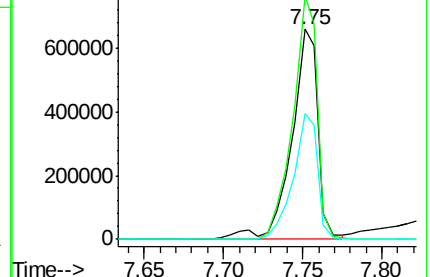
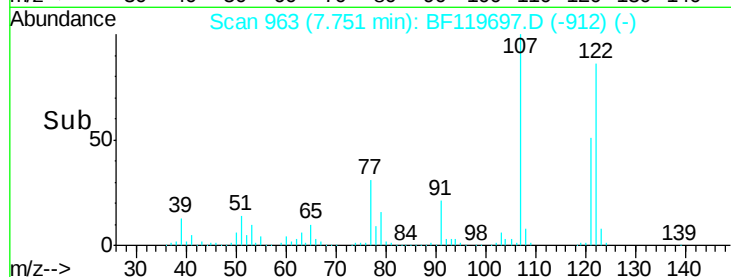
121 59.7 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.06 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

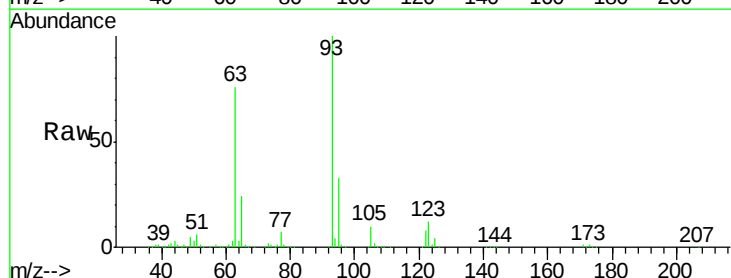
Tgt Ion: 93 Resp: 1040452

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

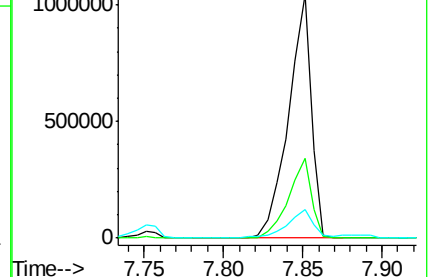
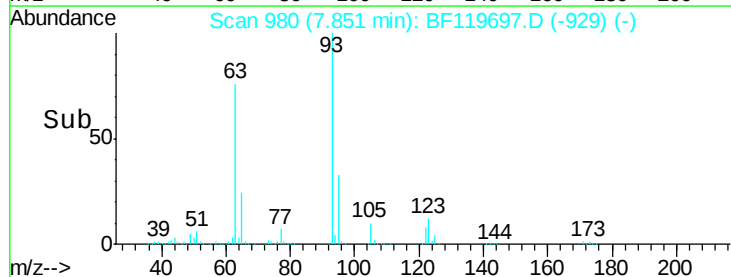
123 11.6 9.7 14.5

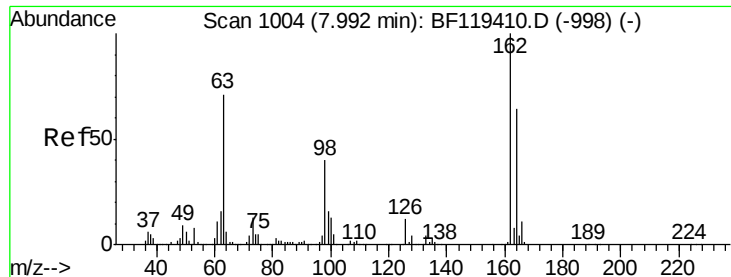


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

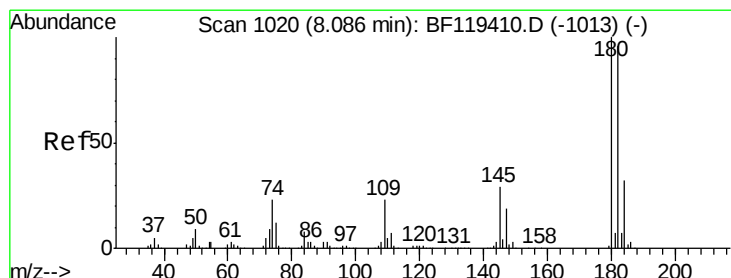
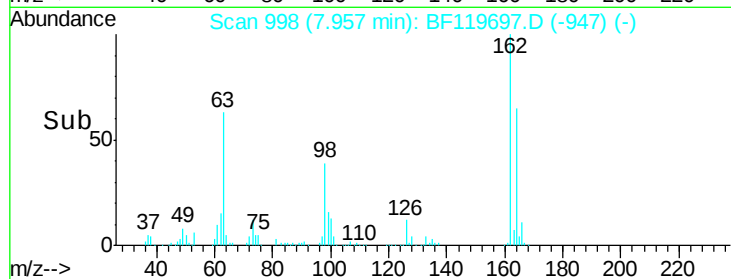
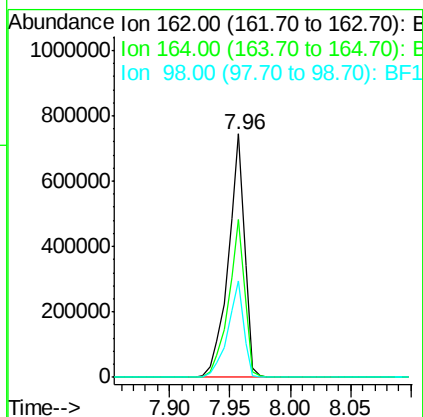
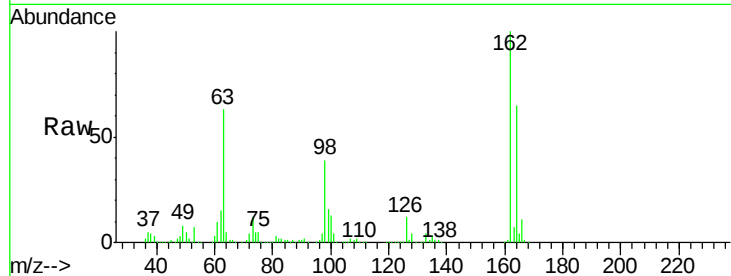




#29
 2,4-Dichlorophenol
 Concen: 50.67 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

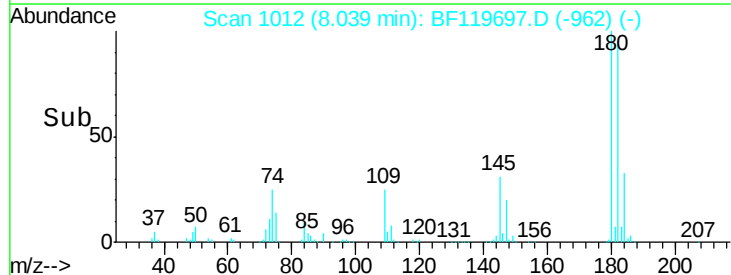
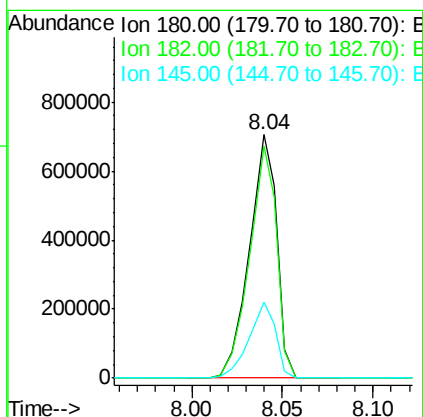
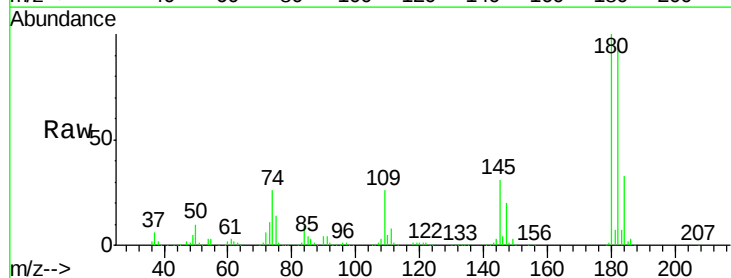
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

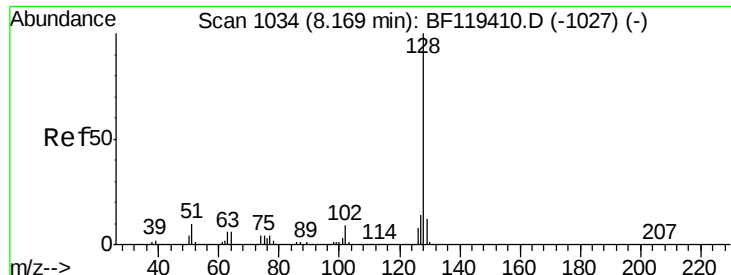
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.7	84.7
98	39.5	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 48.25 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.7	112.1
145	31.2	24.5	36.7

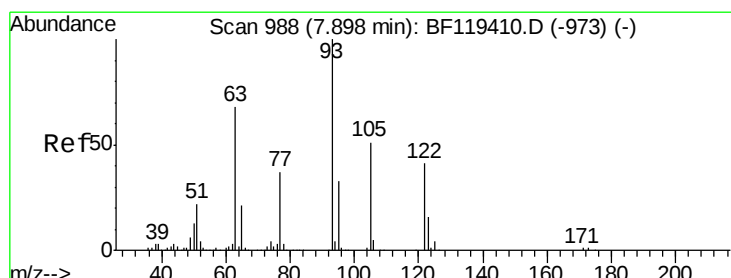
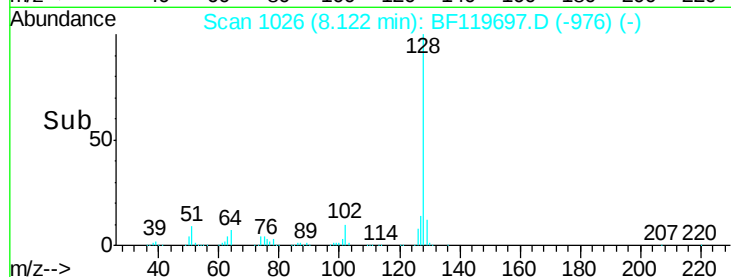
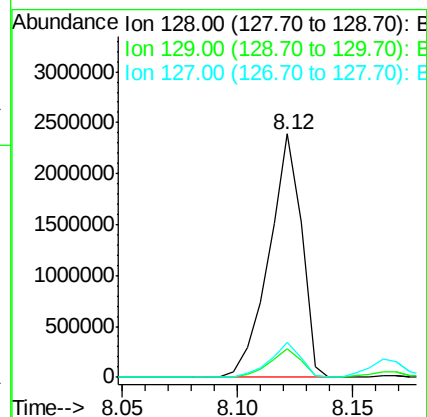
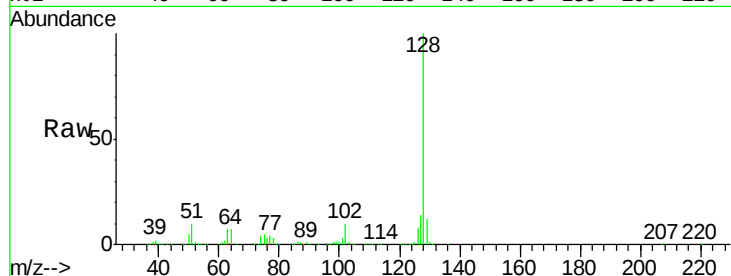




#31
Naphthalene
Concen: 48.15 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

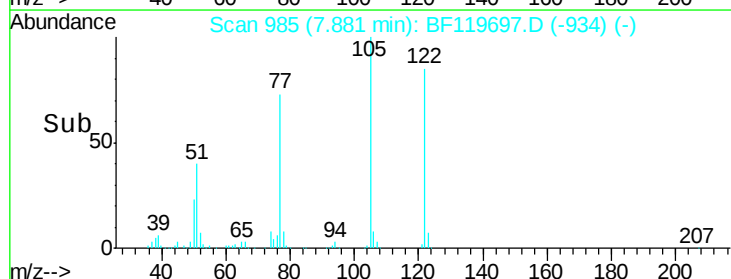
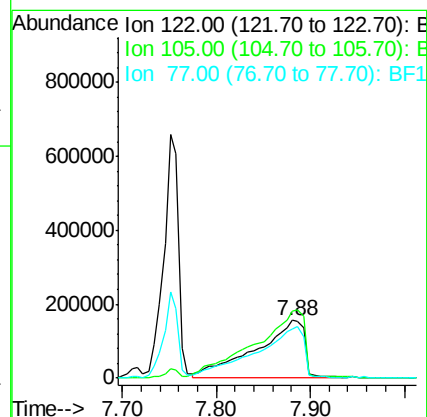
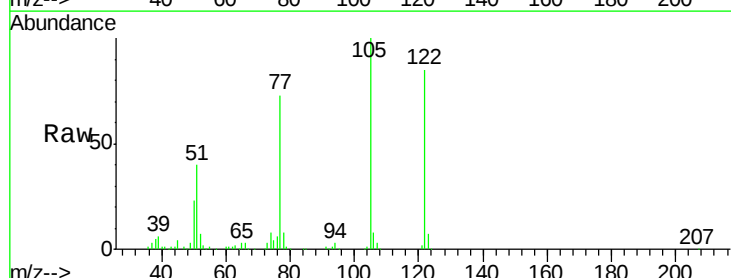
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

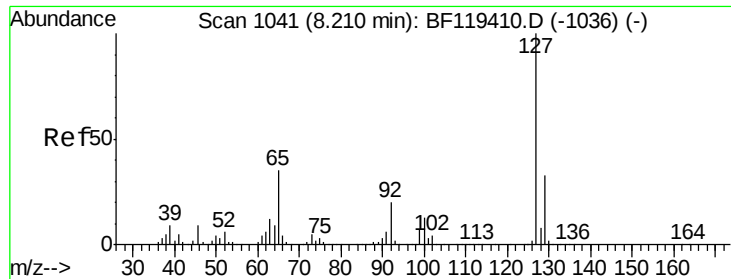
Tgt Ion:128 Resp: 2333343
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 57.14 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:122 Resp: 554107
Ion Ratio Lower Upper
122 100
105 117.2 104.9 144.9
77 85.7 74.4 114.4

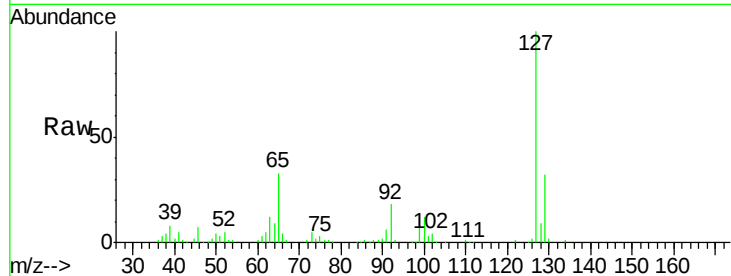




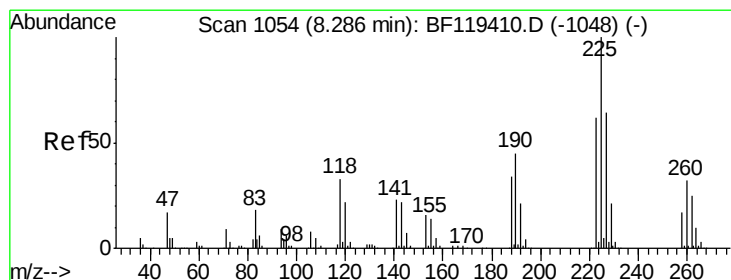
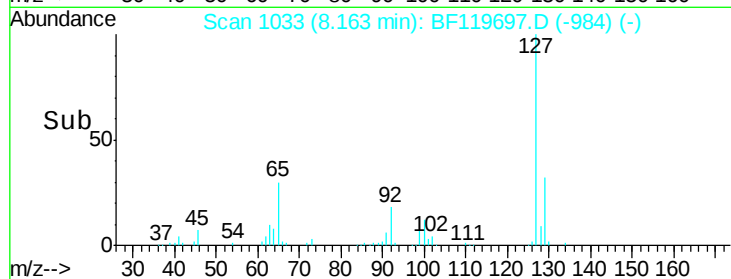
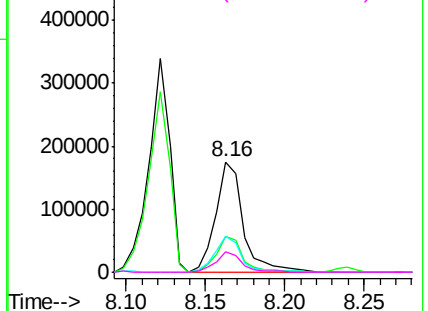
#33
4-Chloroaniline
Concen: 9.46 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

Tgt Ion:	127	Resp:	210080
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	33.0	27.4	41.0
92	18.4	15.3	22.9

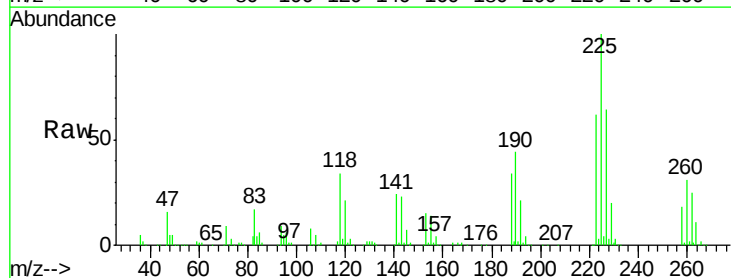


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

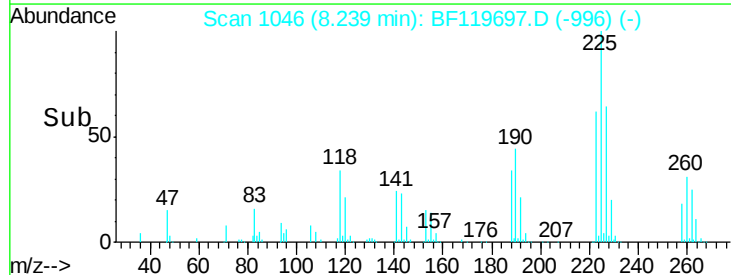
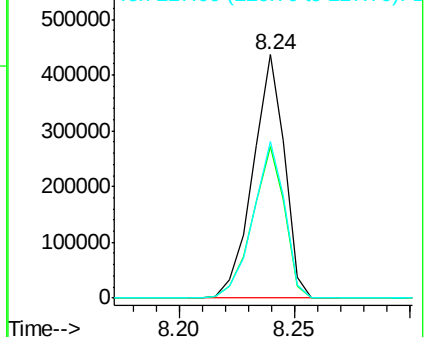


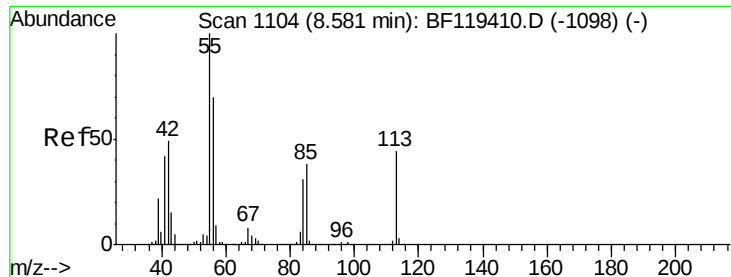
#34
Hexachlorobutadiene
Concen: 48.68 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:	225	Resp:	417234
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	64.1	50.7	76.1



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

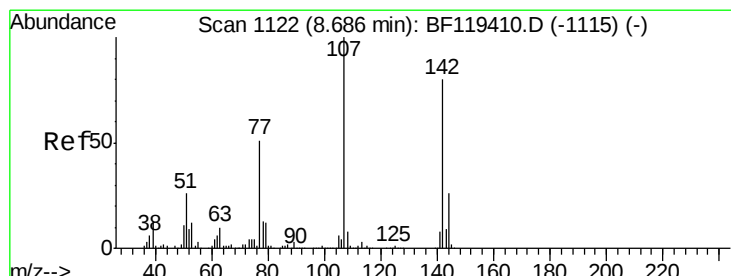
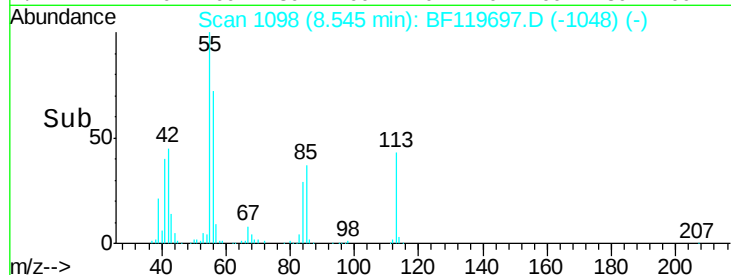
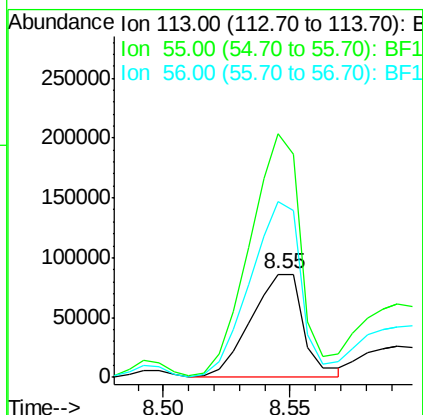
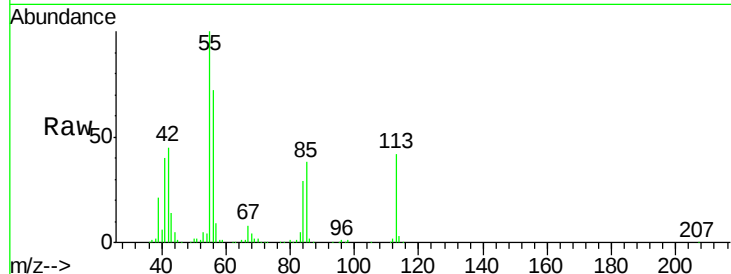




#35
 Caprolactam
 Concen: 27.73 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

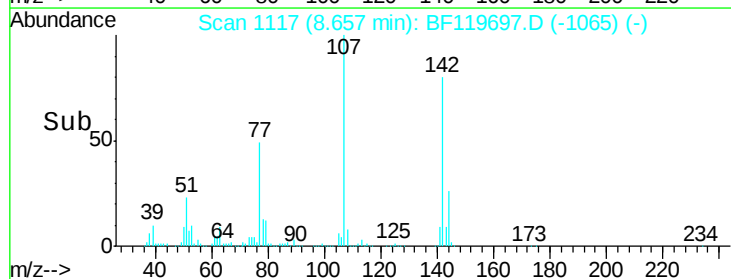
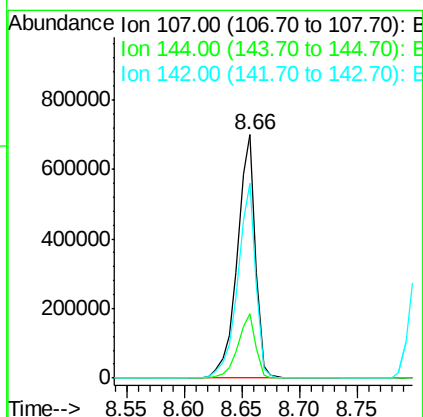
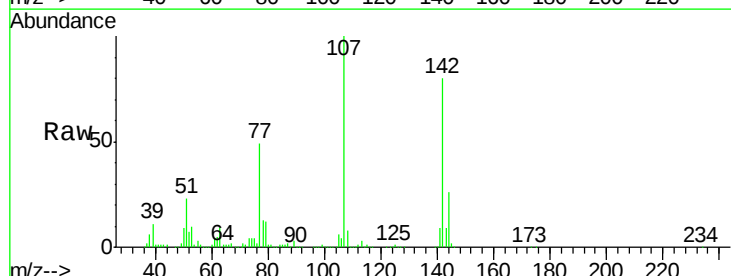
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

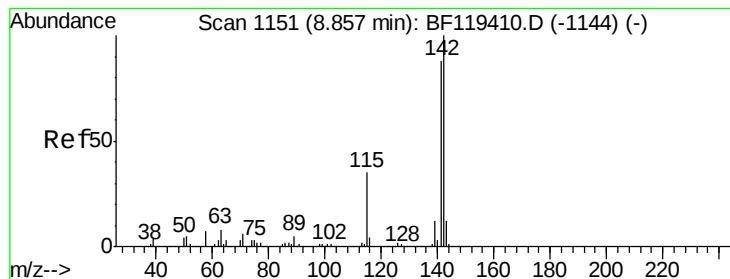
Tgt Ion:113 Resp: 125699
 Ion Ratio Lower Upper
 113 100
 55 235.5 218.4 258.4
 56 169.6 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.26 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:107 Resp: 761018
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.6
 142 80.0 64.4 96.6





#37

2-Methylnaphthalene

Concen: 49.91 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

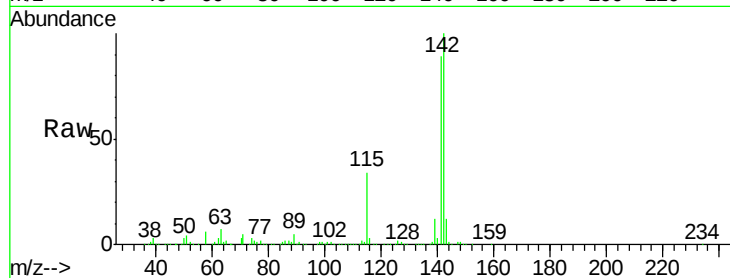
Tgt Ion:142 Resp: 1587343

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

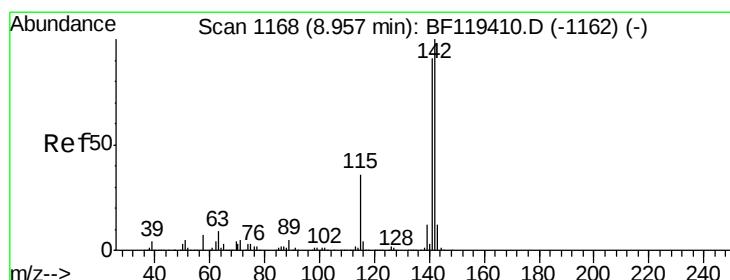
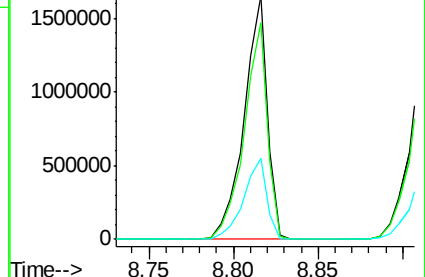
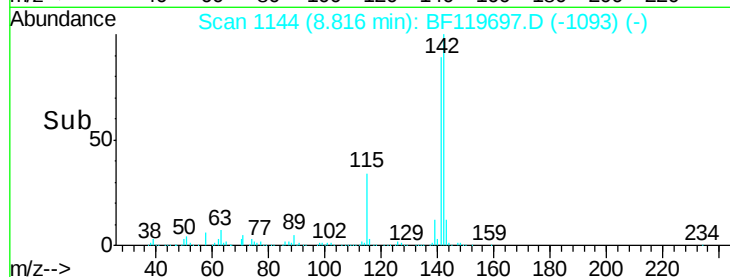
115 33.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.87 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

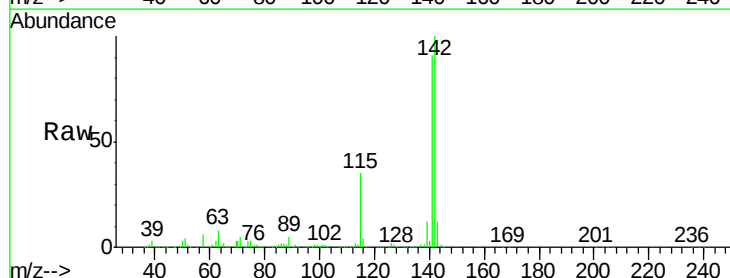
Tgt Ion:142 Resp: 1531390

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

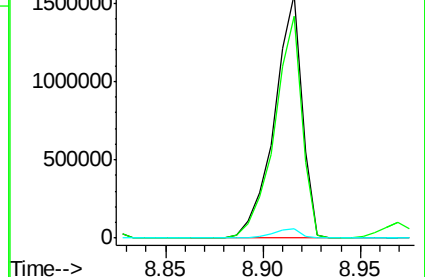
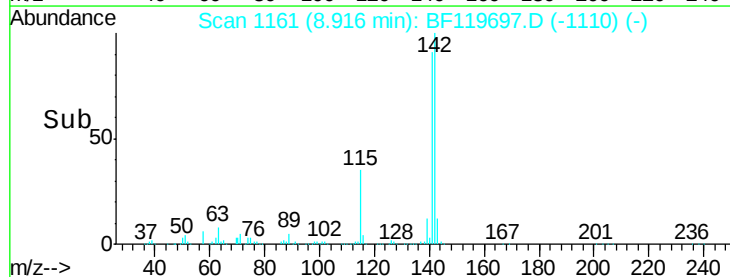
116 3.6 3.0 4.6

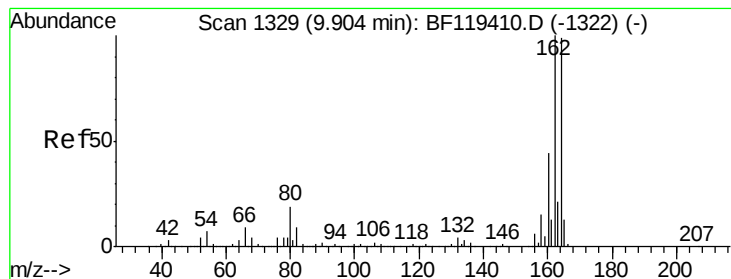


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

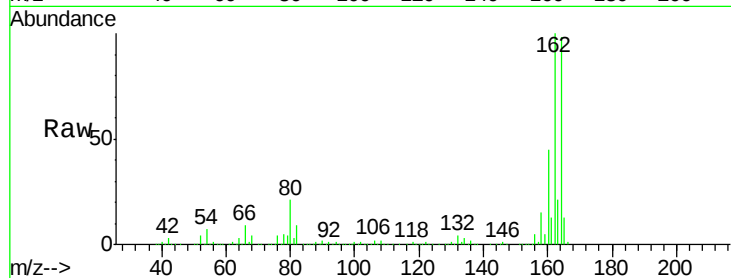
Tgt Ion:164 Resp: 490322

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

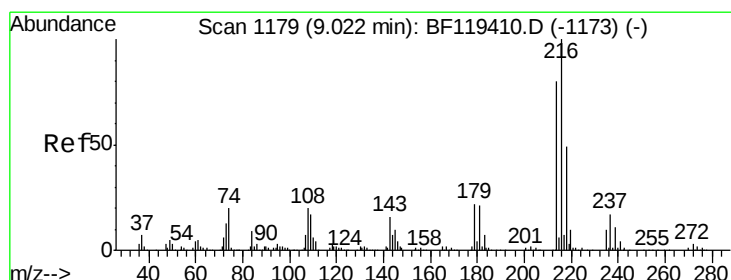
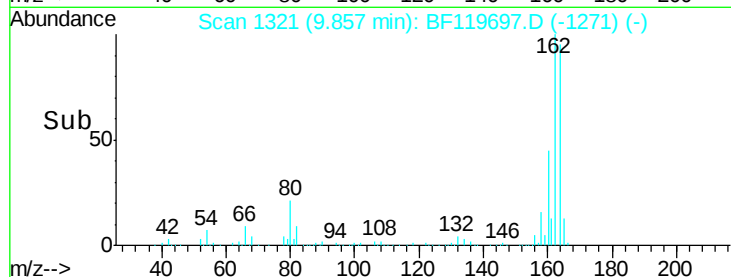
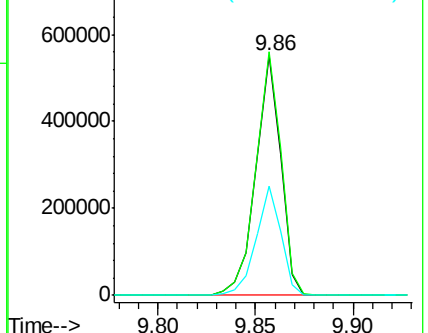
160 45.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.38 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Tgt Ion:216 Resp: 680956

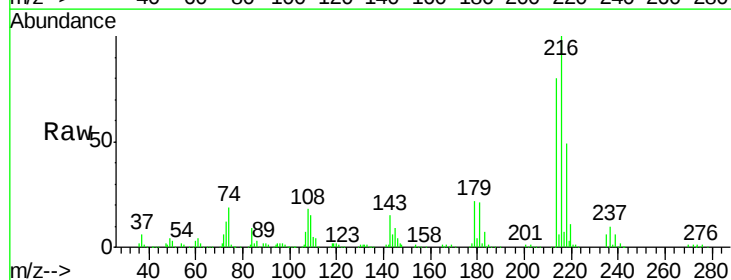
Ion Ratio Lower Upper

216 100

214 79.6 63.2 94.8

179 21.3 17.1 25.7

108 20.5 15.1 22.7

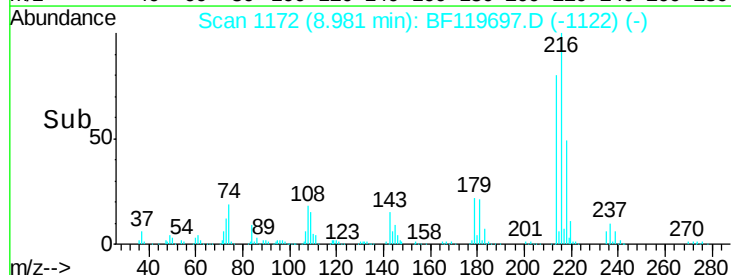
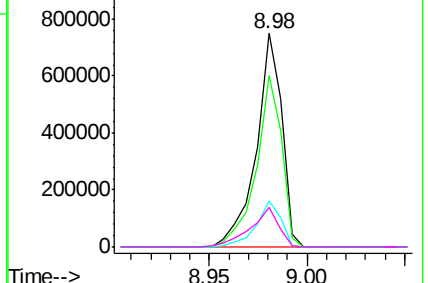


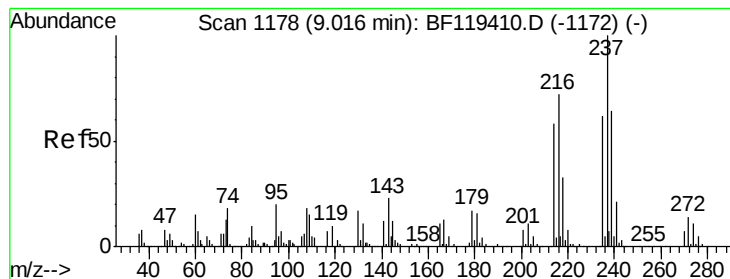
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.65 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

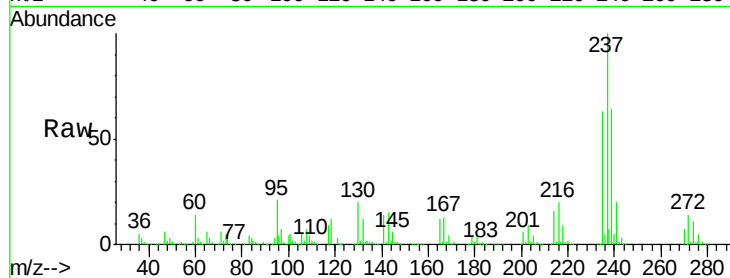
Tgt Ion: 237 Resp: 797826

Ion Ratio Lower Upper

237 100

235 62.9 43.2 83.2

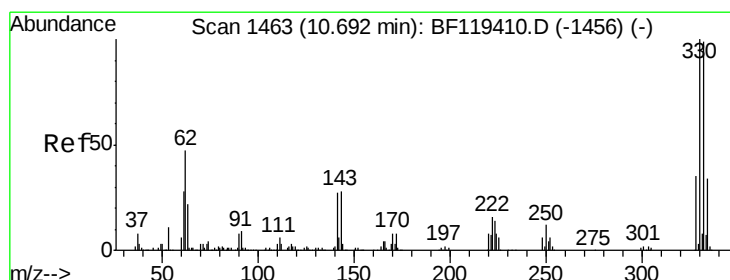
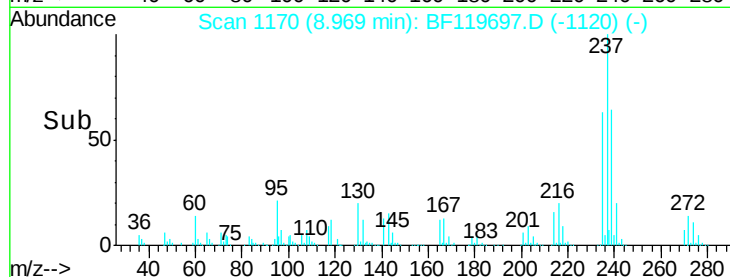
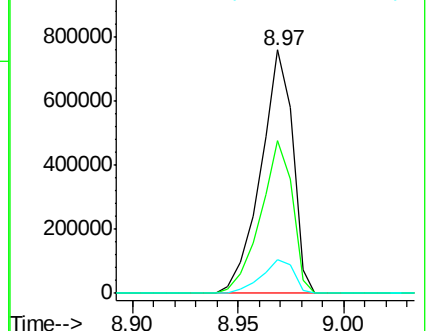
272 13.7 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.63 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

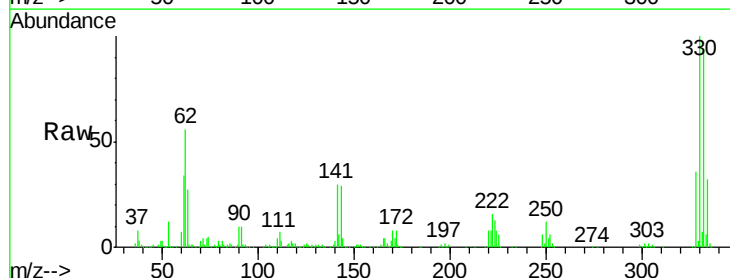
Tgt Ion: 330 Resp: 716441

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

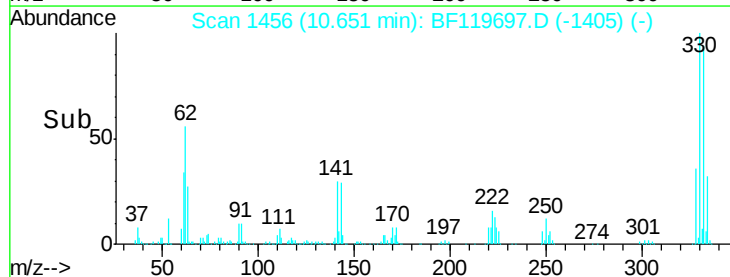
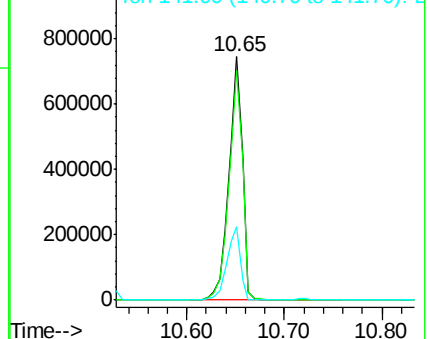
141 30.1 25.4 38.0

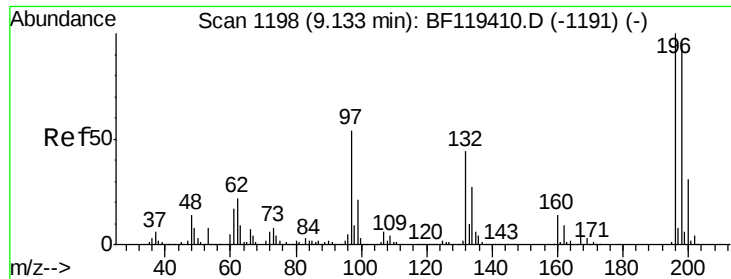


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

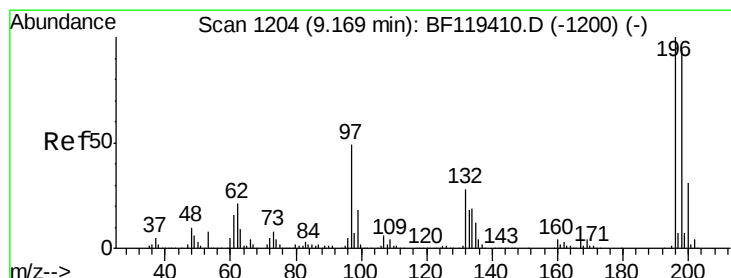
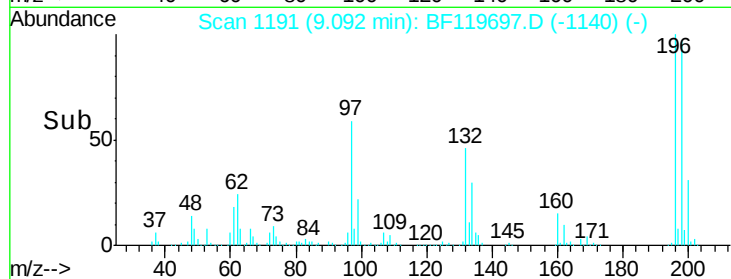
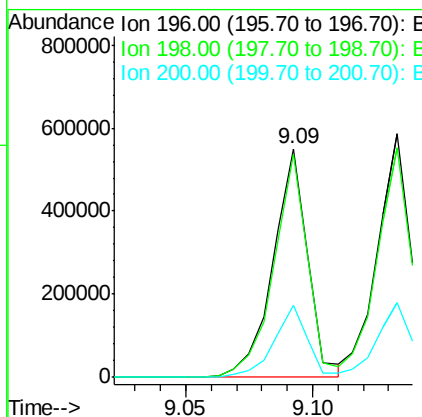
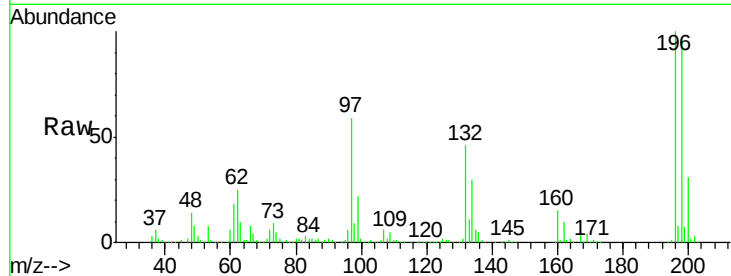




#43
 2,4,6-Trichlorophenol
 Concen: 51.20 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

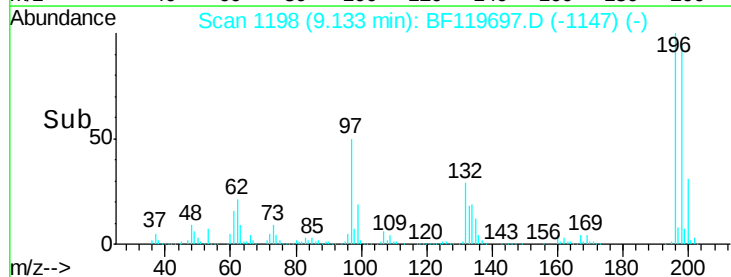
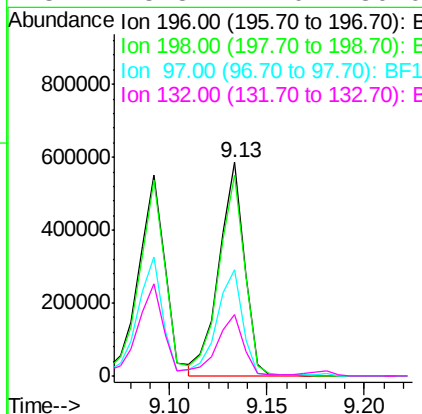
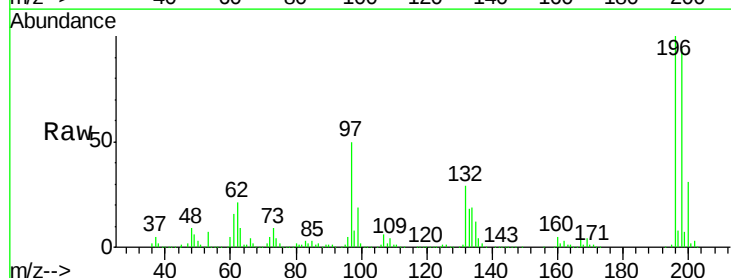
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

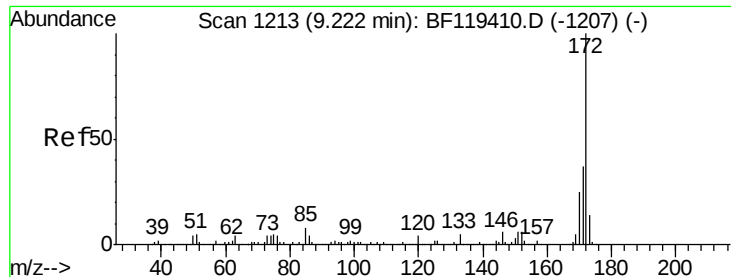
Tgt Ion:196 Resp: 526604
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 31.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.97 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:196 Resp: 529691
 Ion Ratio Lower Upper
 196 100
 198 94.1 73.8 110.8
 97 49.6 42.6 63.8
 132 28.8 24.0 36.0

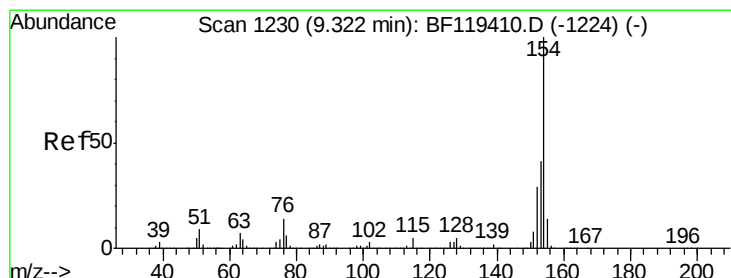
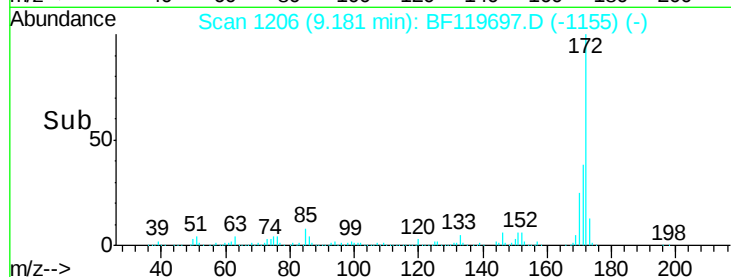
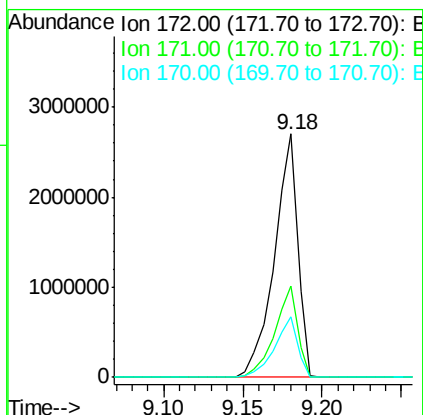
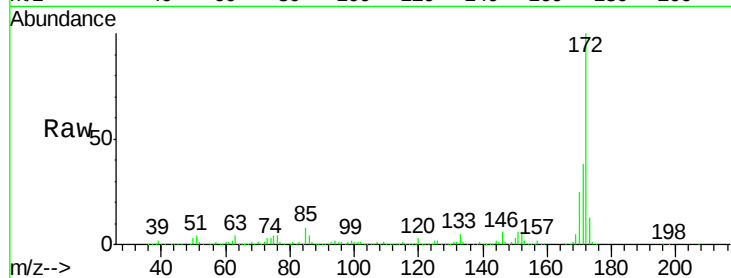




#45
2-Fluorobiphenyl
Concen: 84.02 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

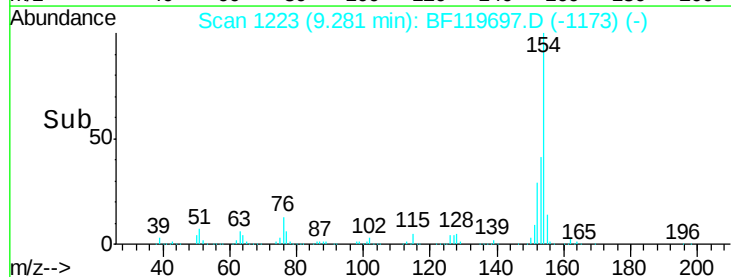
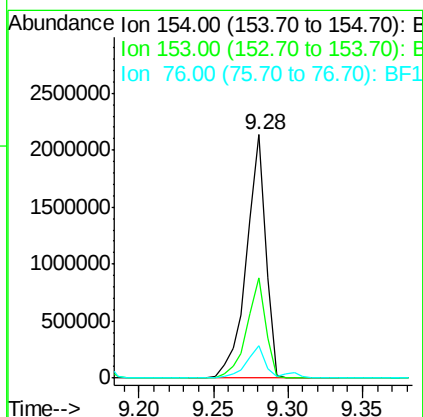
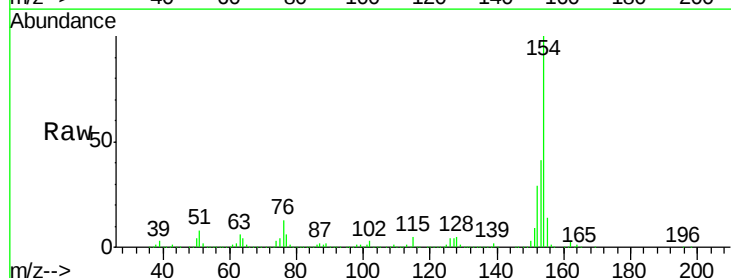
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

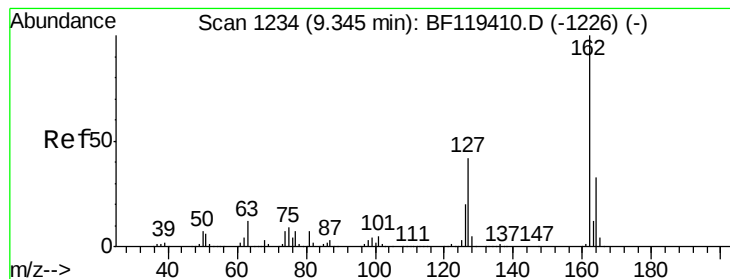
Tgt Ion:172 Resp: 2780808
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 47.70 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:154 Resp: 1904979
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.2 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.53 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

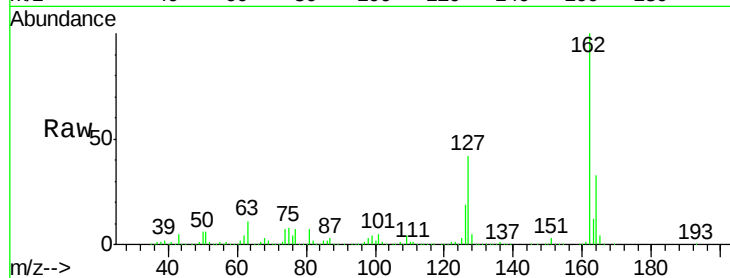
Tgt Ion:162 Resp: 1455443

Ion Ratio Lower Upper

162 100

127 42.5 33.7 50.5

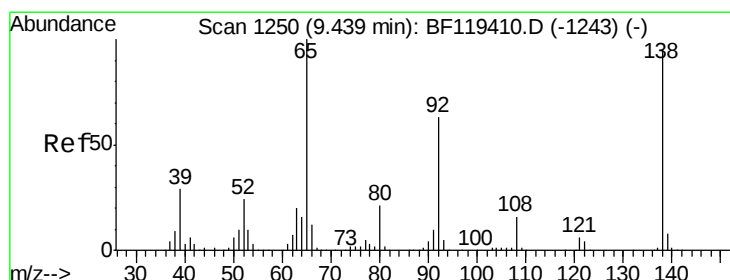
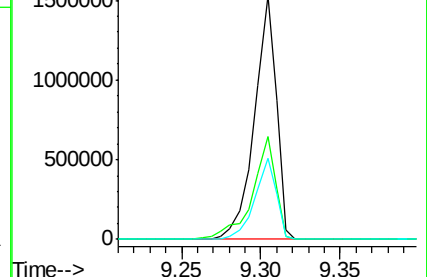
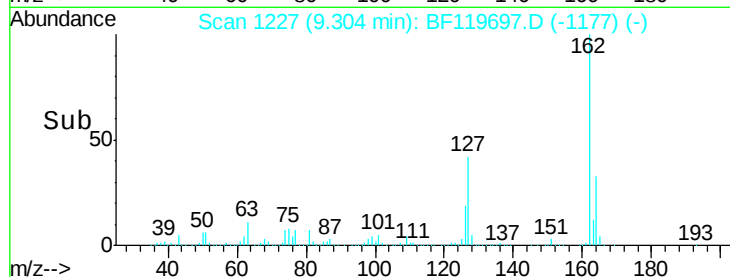
164 33.5 26.3 39.5



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: 49.41 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

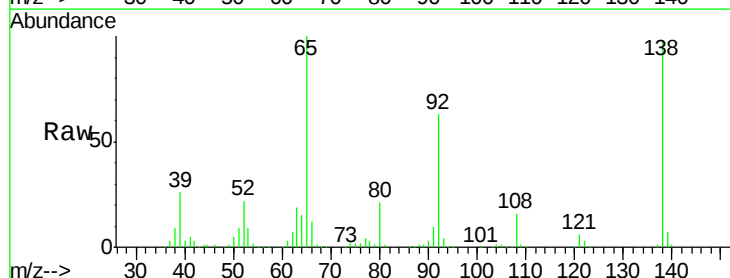
Tgt Ion: 65 Resp: 533440

Ion Ratio Lower Upper

65 100

92 63.3 50.0 75.0

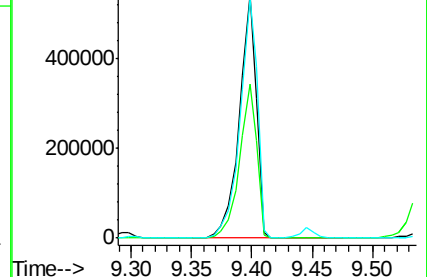
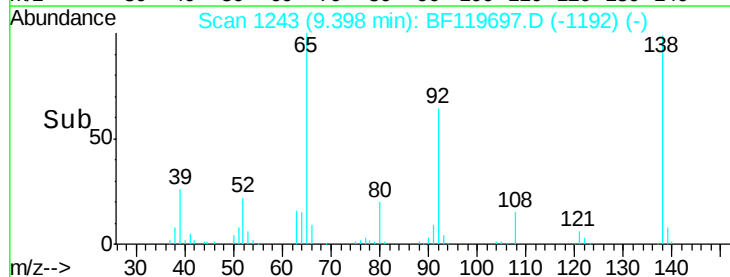
138 98.4 75.0 112.4

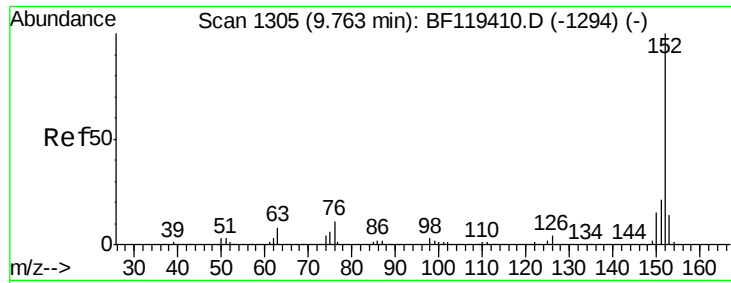


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.98 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

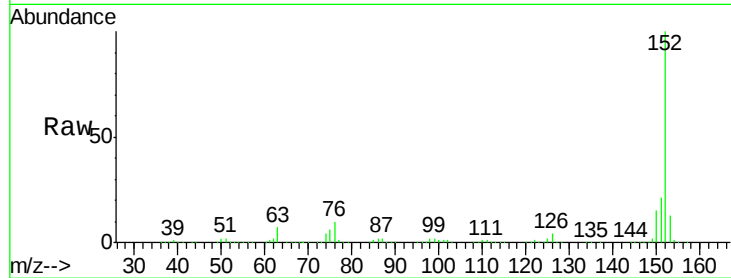
Tgt Ion:152 Resp: 2356773

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

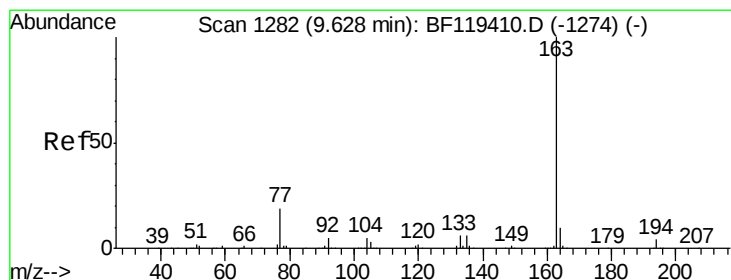
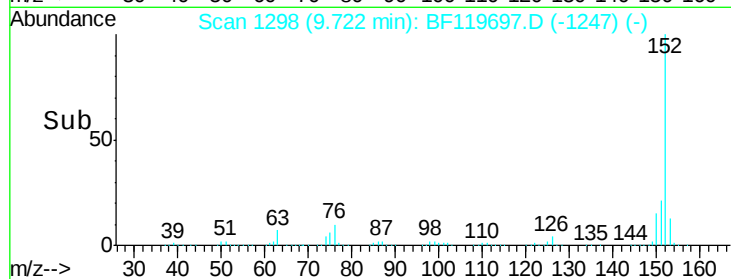
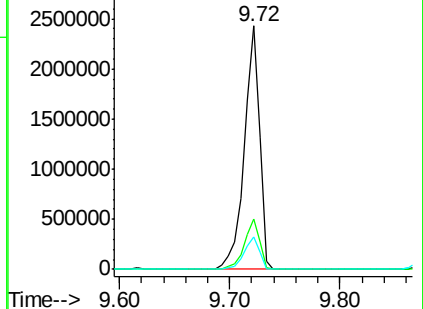
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.48 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

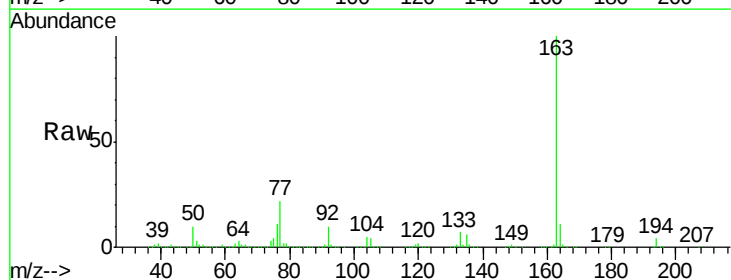
Tgt Ion:163 Resp: 2106328

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

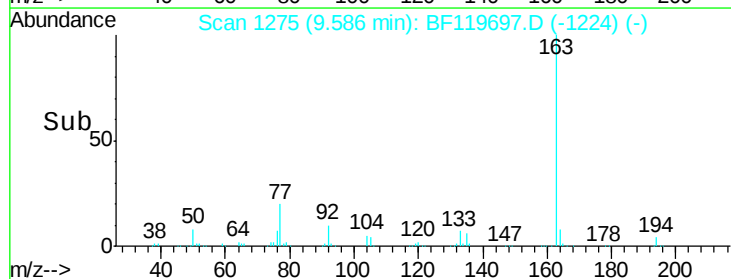
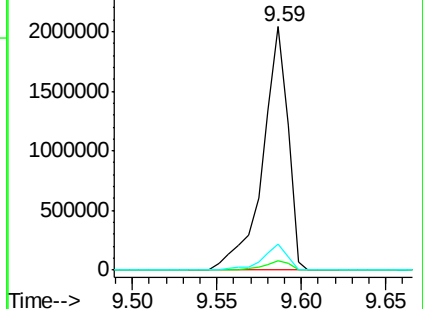
164 10.5 8.2 12.2

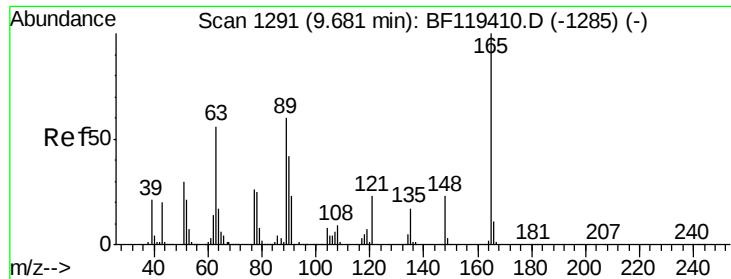


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

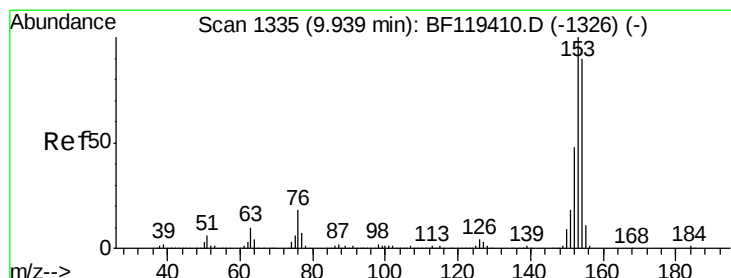
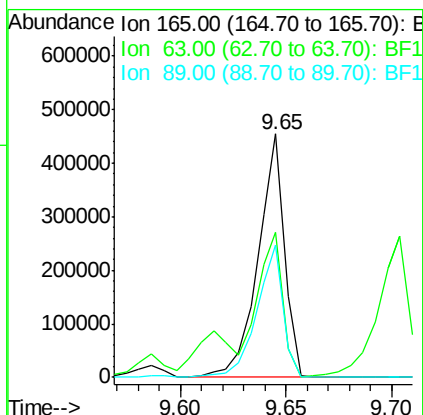
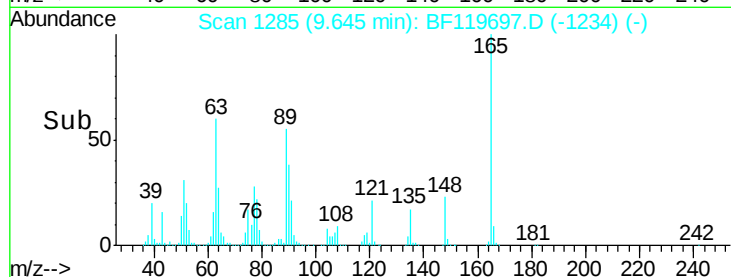
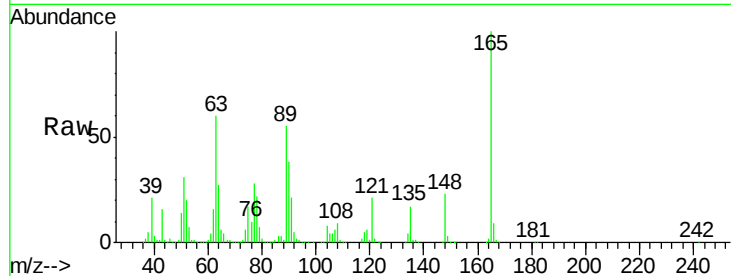




#51
2,6-Dinitrotoluene
Concen: 53.03 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

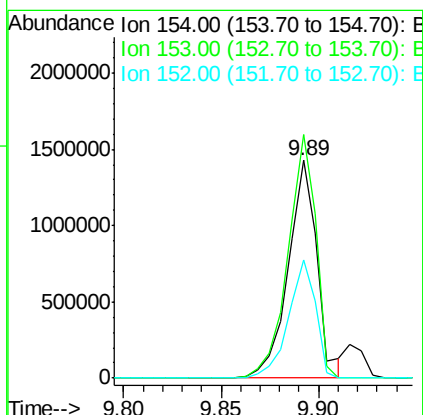
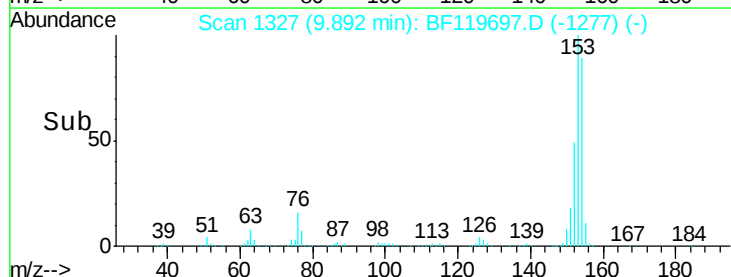
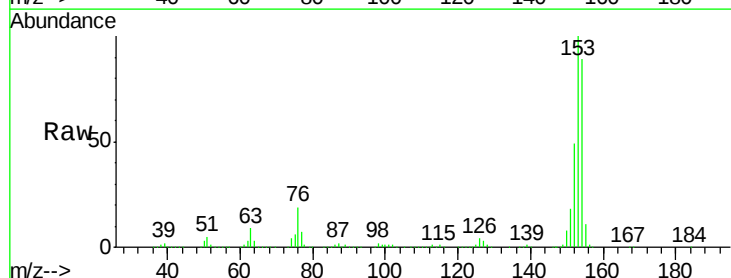
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

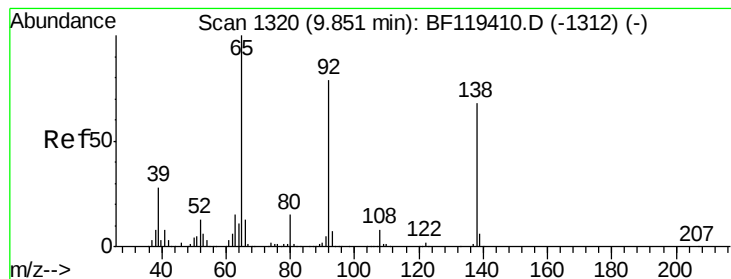
Tgt Ion:165 Resp: 395864
Ion Ratio Lower Upper
165 100
63 59.6 45.0 67.4
89 54.5 41.5 62.3



#52
Acenaphthene
Concen: 47.51 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:154 Resp: 1455013
Ion Ratio Lower Upper
154 100
153 111.9 88.1 132.1
152 54.6 43.0 64.4





#53

3-Nitroaniline

Concen: 20.31 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

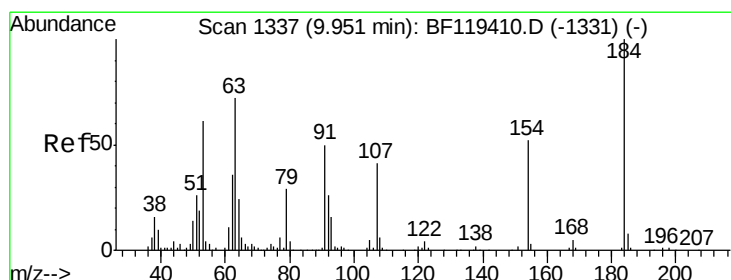
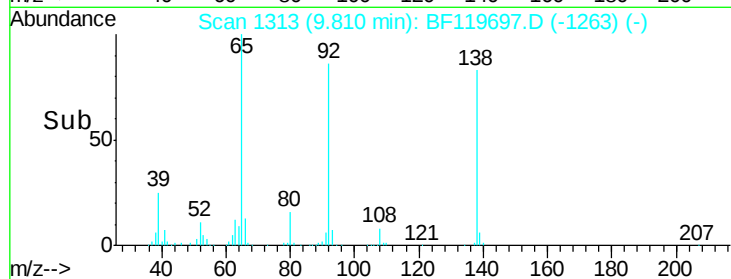
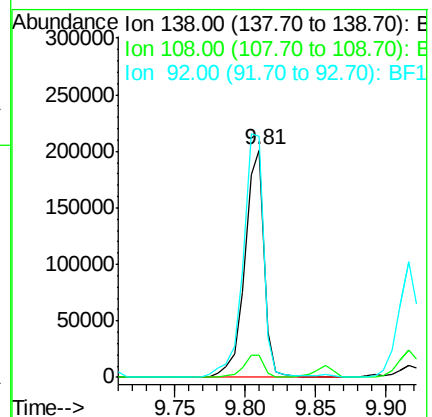
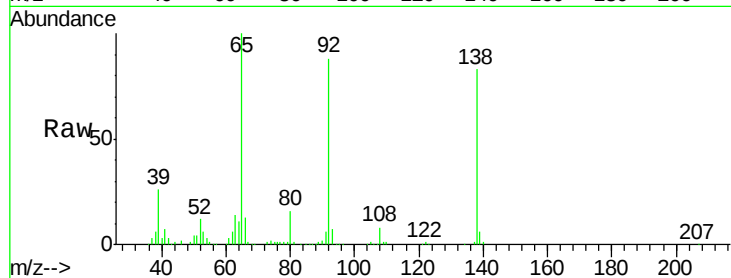
Tgt Ion:138 Resp: 191387

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

92 106.0 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 115.16 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

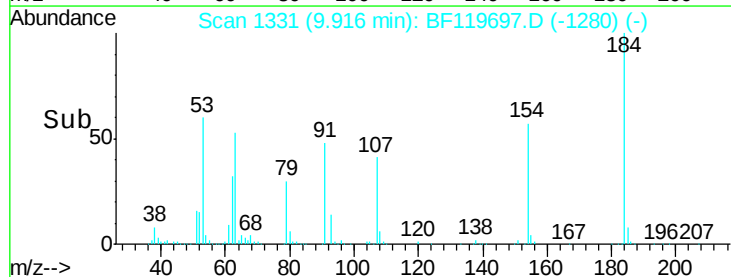
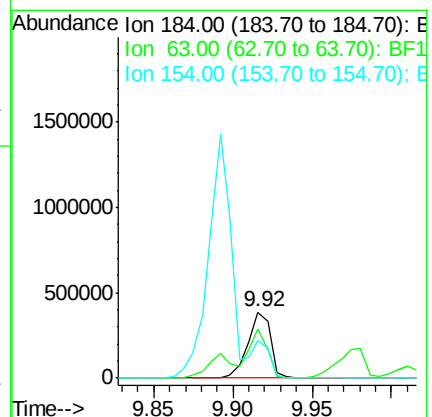
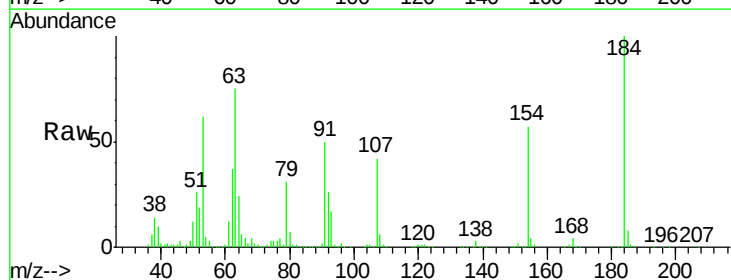
Tgt Ion:184 Resp: 383339

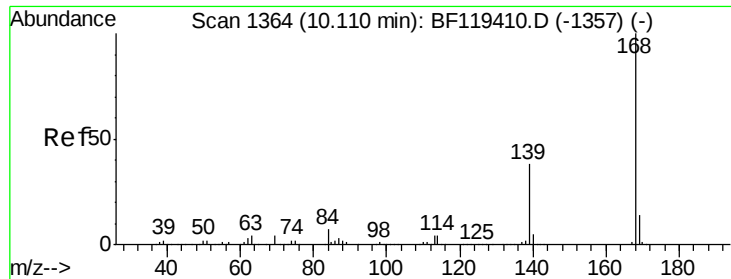
Ion Ratio Lower Upper

184 100

63 75.0 50.2 75.4

154 57.4 44.5 66.7

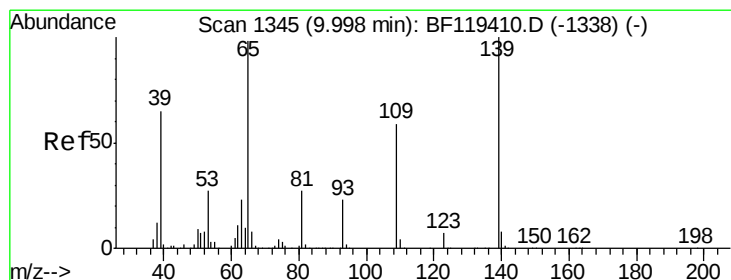
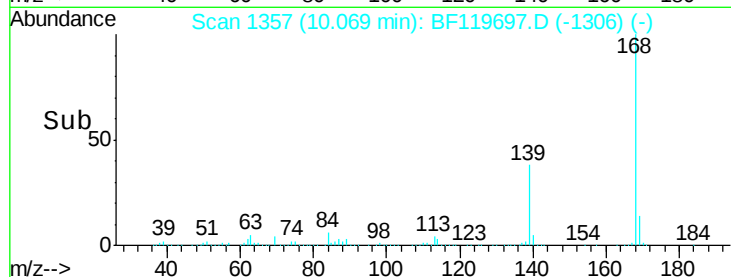
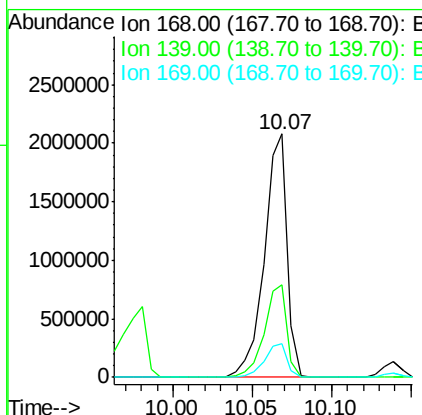
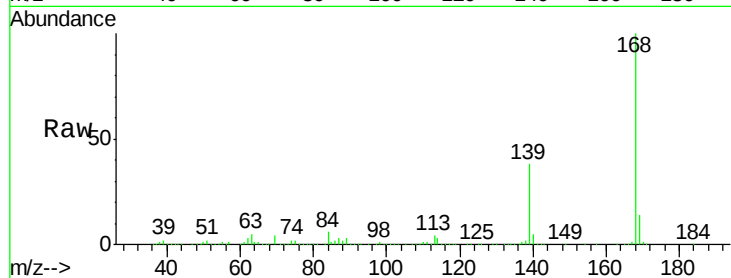




#55
Dibenzofuran
Concen: 47.60 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

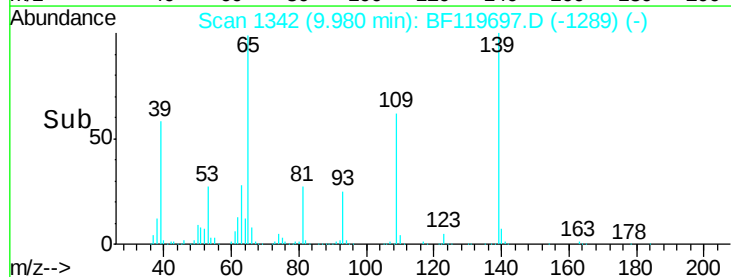
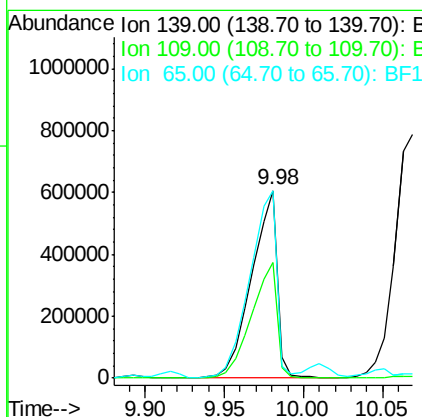
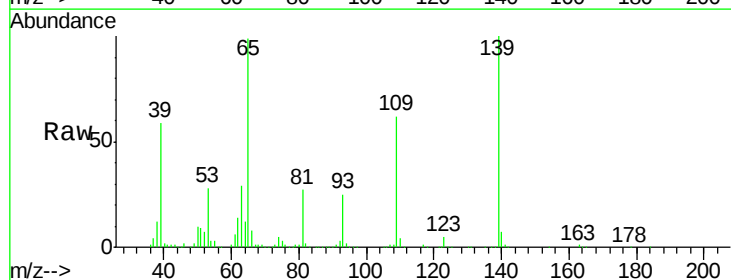
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

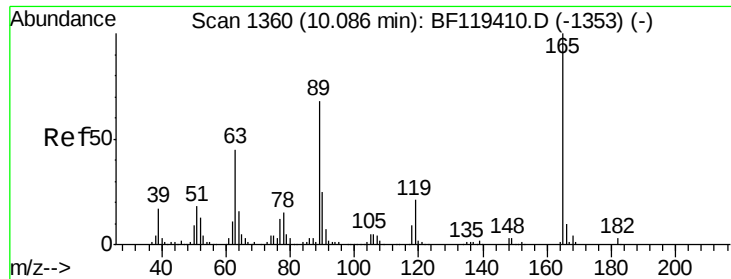
Tgt Ion:168 Resp: 2090136
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 91.73 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:139 Resp: 682001
Ion Ratio Lower Upper
139 100
109 61.7 43.3 83.3
65 99.4 91.0 131.0

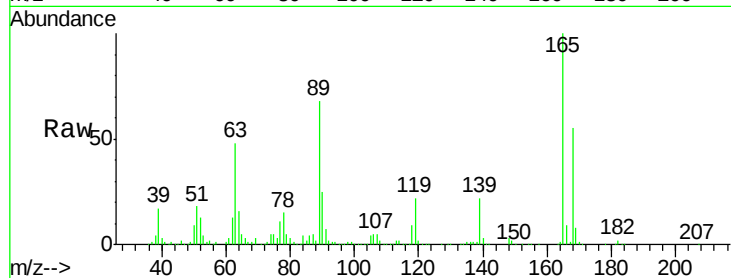




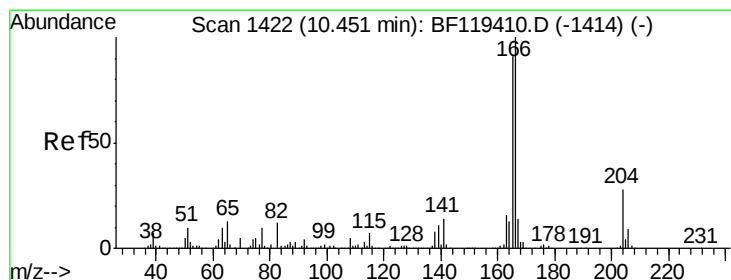
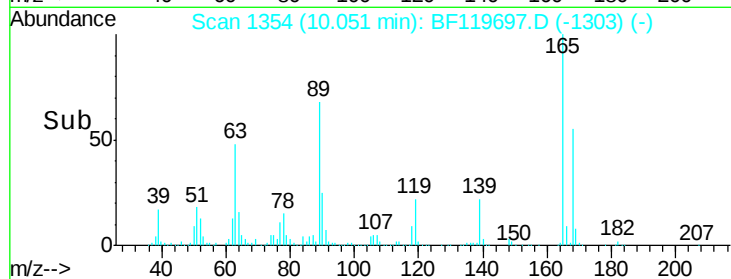
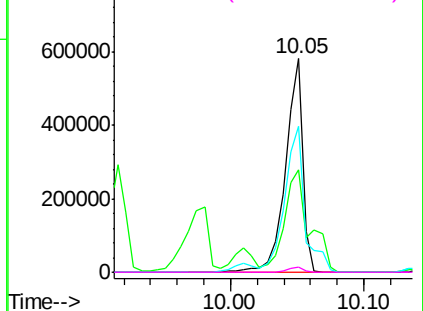
#57
2,4-Dinitrotoluene
Concen: 56.22 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

Tgt Ion:165 Resp: 528650
Ion Ratio Lower Upper
165 100
63 48.0 42.6 64.0
89 68.4 61.0 91.4
182 2.5 2.2 3.2

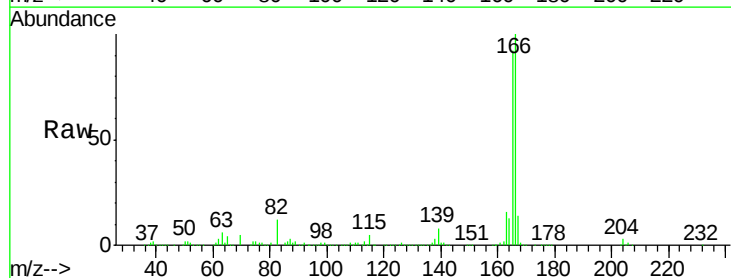


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

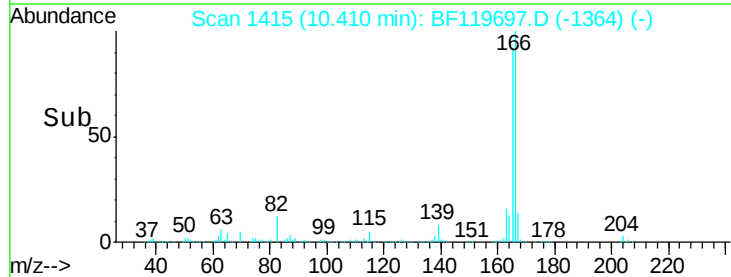
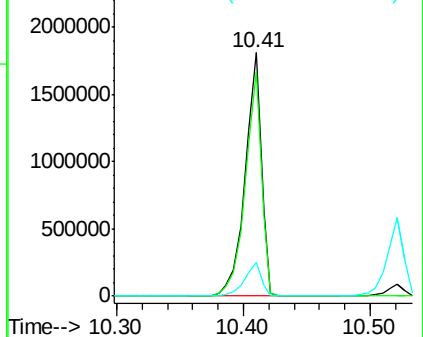


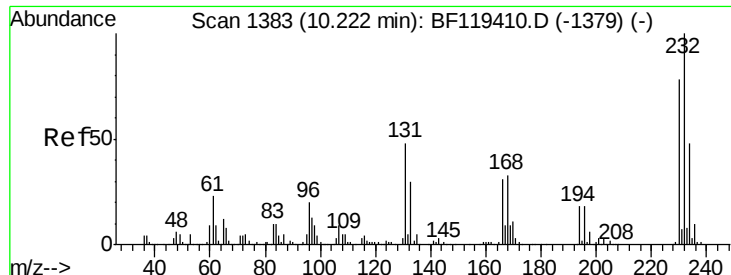
#58
Fluorene
Concen: 49.27 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:166 Resp: 1599769
Ion Ratio Lower Upper
166 100
165 92.4 75.4 113.2
167 13.7 11.2 16.8



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

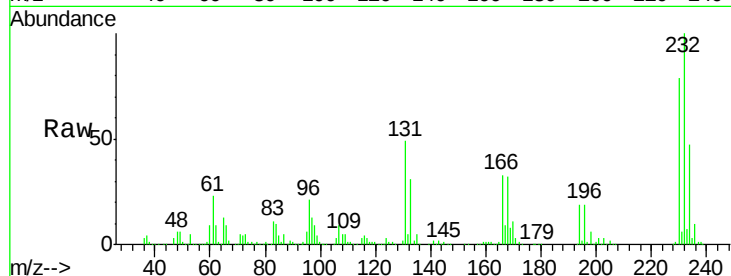




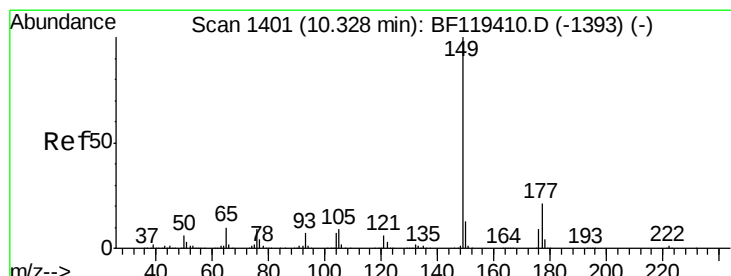
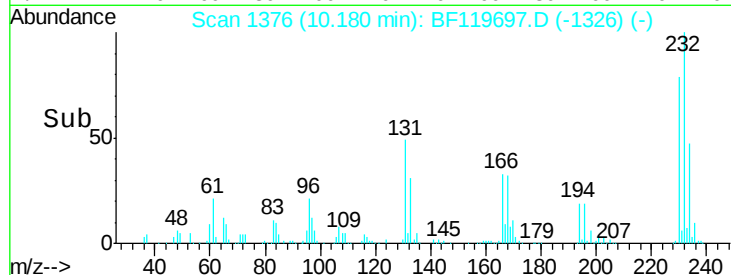
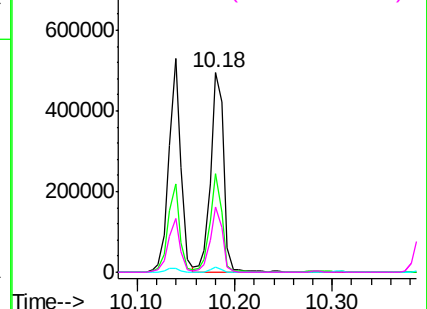
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.22 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

Tgt Ion:	232	Resp:	458305
Ion	Ratio	Lower	Upper
232	100		
131	44.9	37.5	56.3
130	2.1	1.8	2.6
166	30.5	24.6	36.8

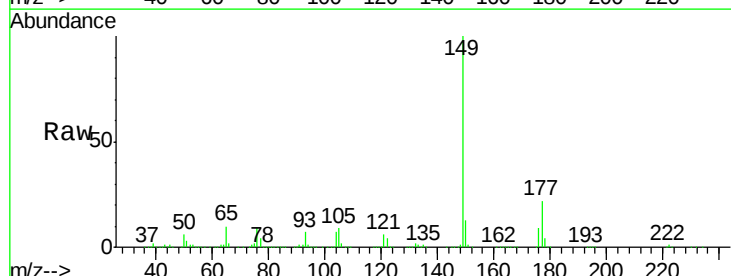


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

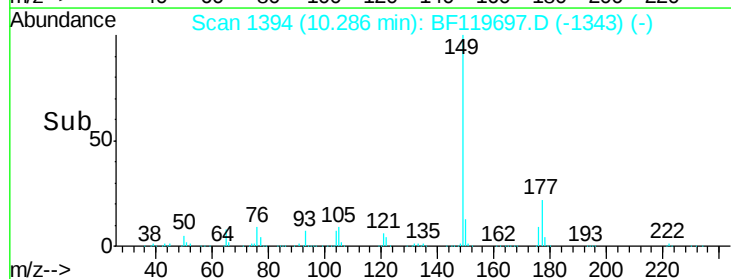
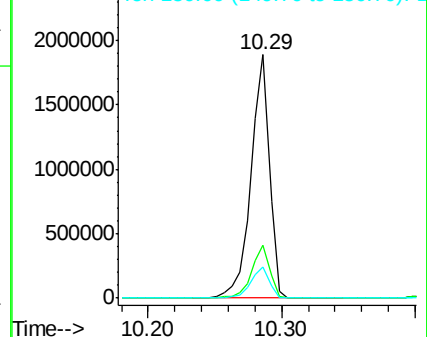


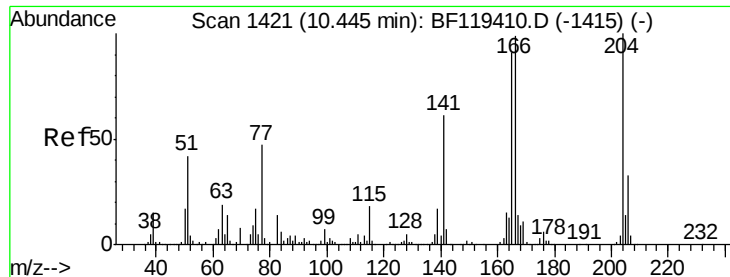
#60
 Diethylphthalate
 Concen: 50.39 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:	149	Resp:	1781224
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.9	10.1	15.1



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

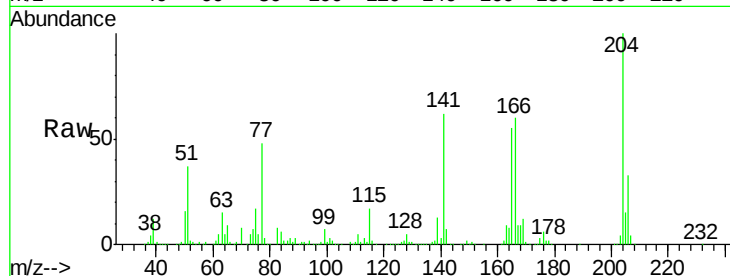




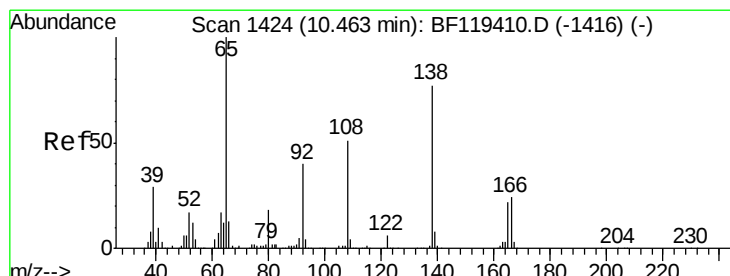
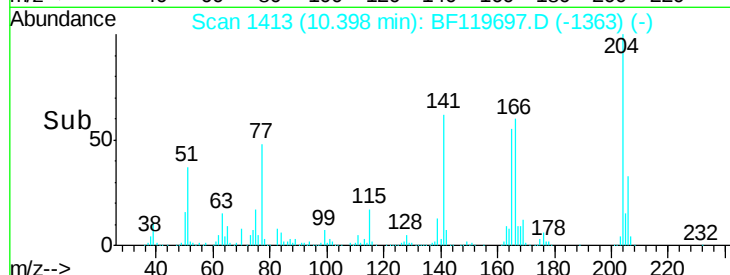
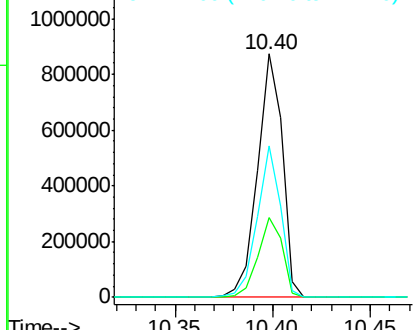
#61
4-Chlorophenyl-phenylether
Concen: 48.43 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

Tgt Ion:204 Resp: 768987
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 62.3 47.3 70.9

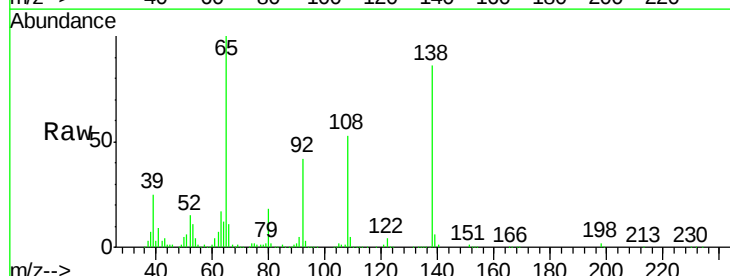


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

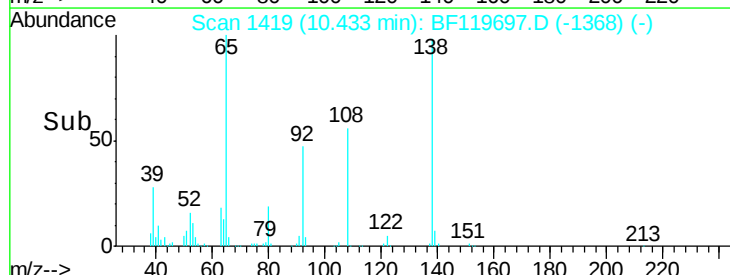
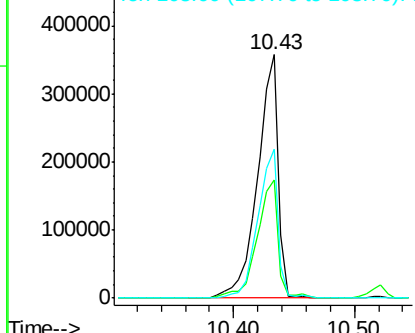


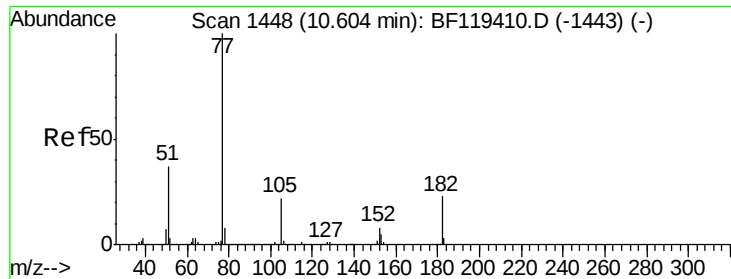
#62
4-Nitroaniline
Concen: 47.00 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:138 Resp: 424799
Ion Ratio Lower Upper
138 100
92 48.4 31.5 71.5
108 60.9 45.8 85.8



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: 47.82 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

Tgt Ion: 77 Resp: 1702214

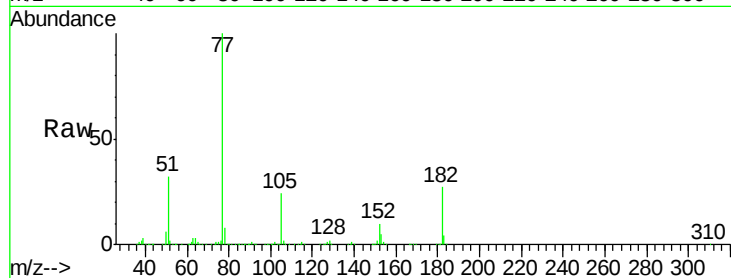
Ion Ratio Lower Upper

77 100

182 26.5 4.4 44.4

105 23.6 2.6 42.6

51 32.1 15.1 55.1

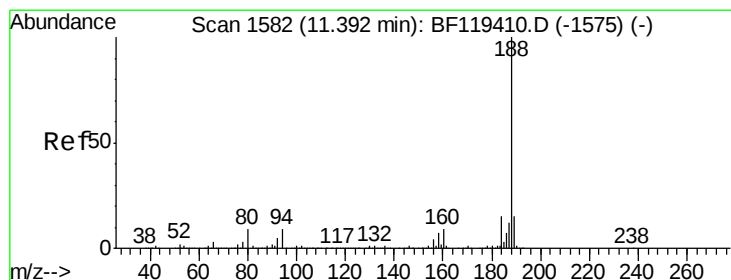
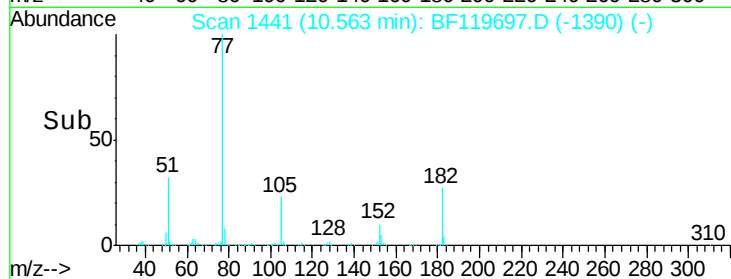
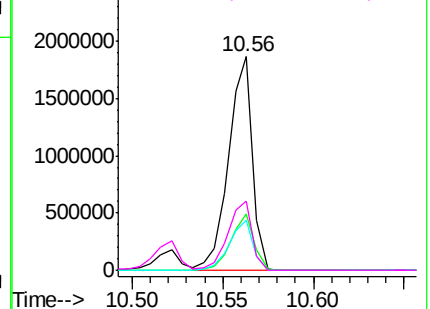


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

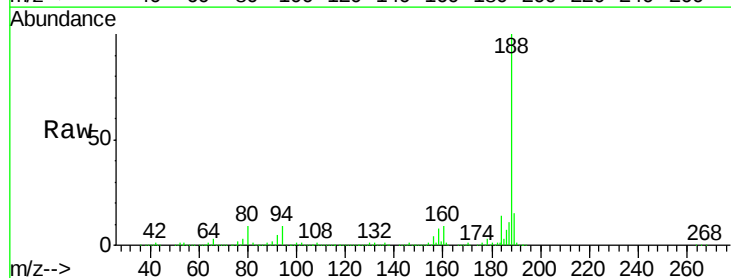
Tgt Ion: 188 Resp: 938227

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

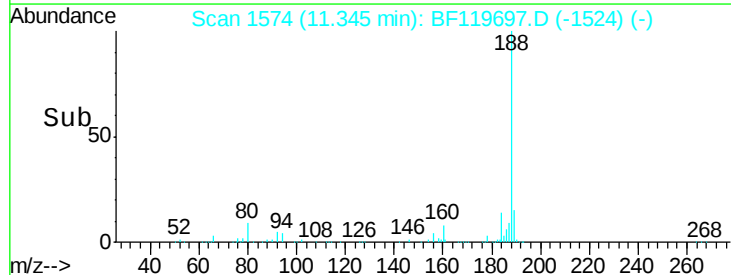
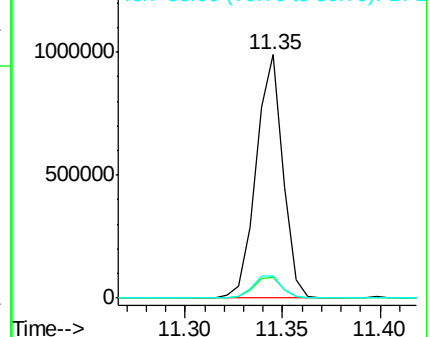
80 9.2 9.0 13.4

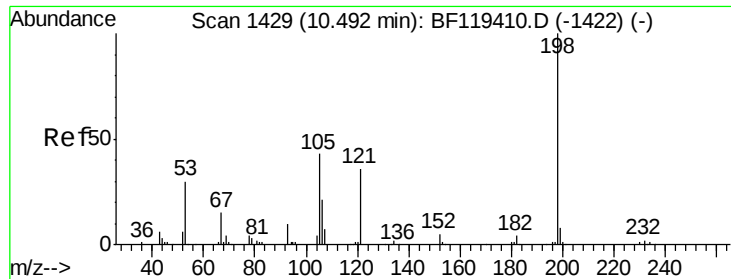


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 68.78 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

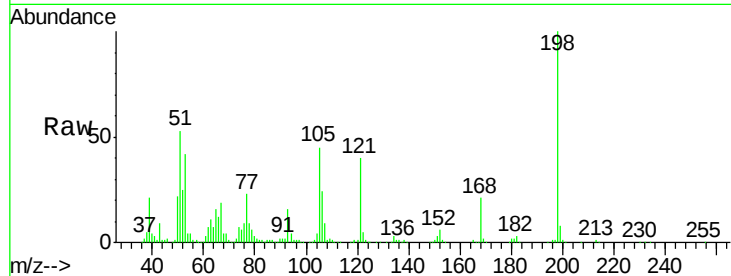
Tgt Ion:198 Resp: 270610

Ion Ratio Lower Upper

198 100

51 53.2 29.0 69.0

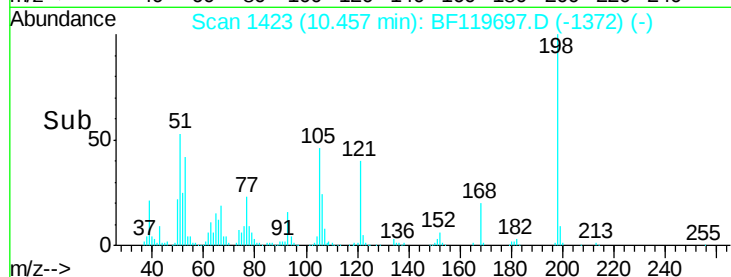
105 45.5 22.2 62.2



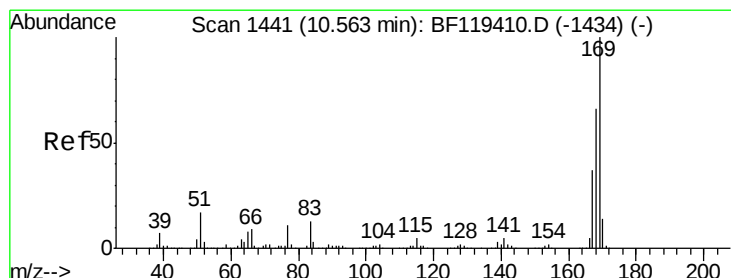
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 48.45 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

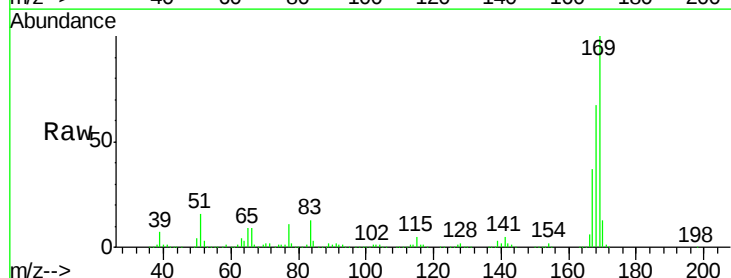
Tgt Ion:169 Resp: 1492409

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

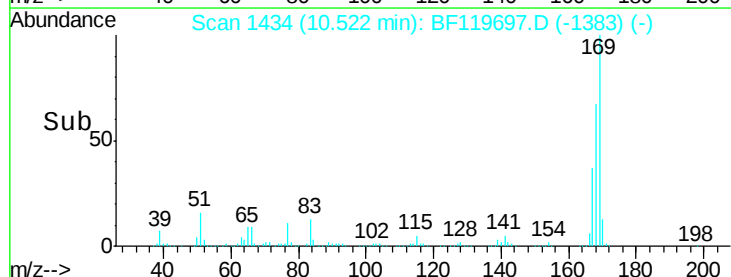
167 37.2 29.1 43.7



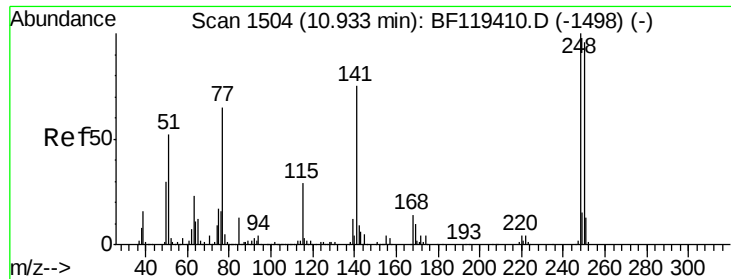
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



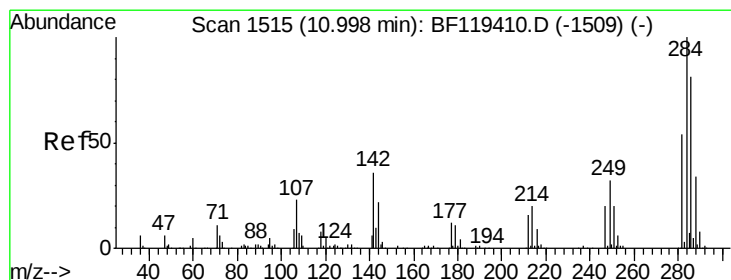
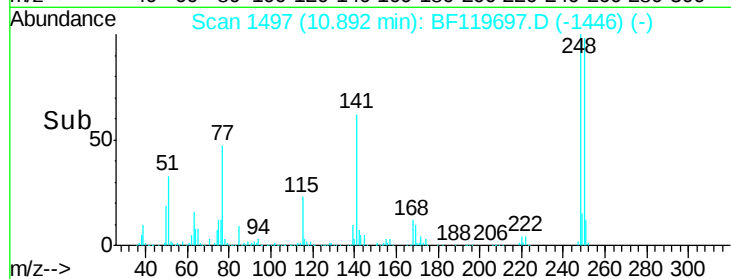
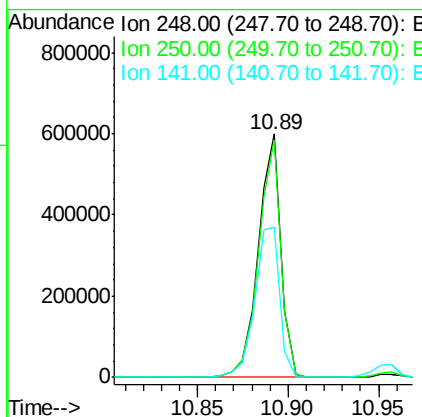
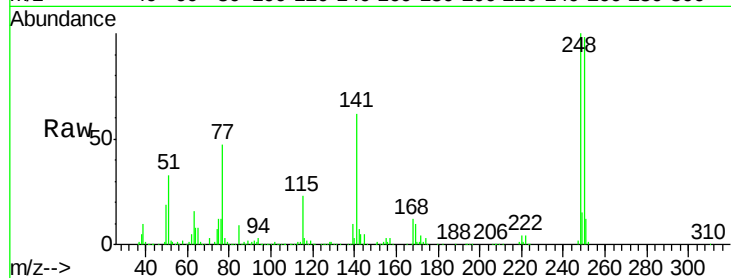
Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 48.50 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

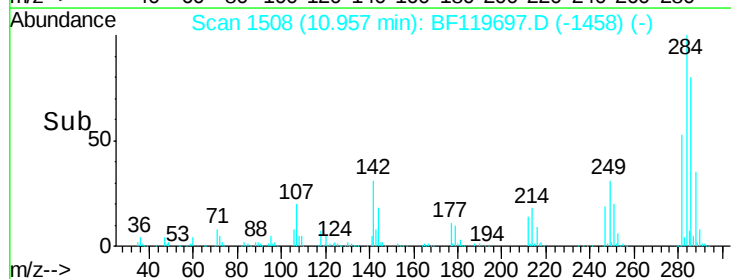
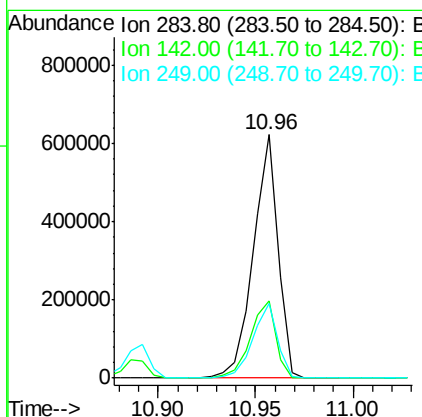
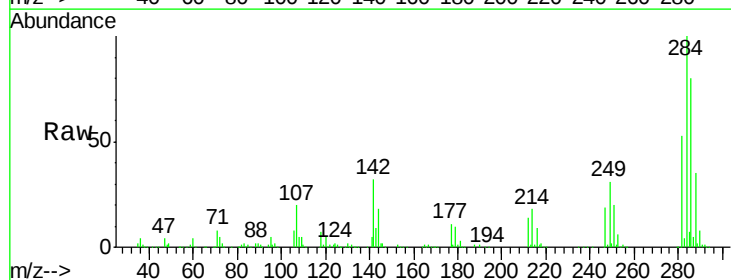
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

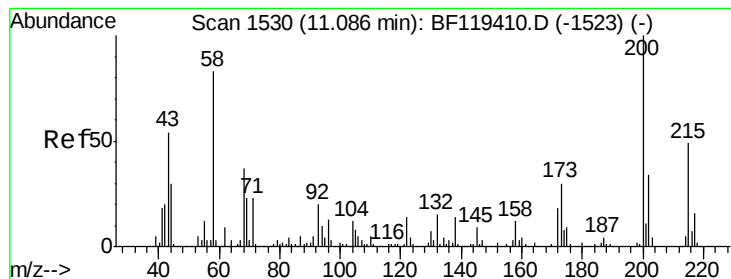
Tgt Ion:	248	Resp:	518234
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.3	115.9
141	61.7	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 49.95 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:	284	Resp:	546229
Ion Ratio	Lower	Upper	
284	100		
142	31.6	29.2	43.8
249	30.8	25.1	37.7





#69

Atrazine

Concen: 53.64 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

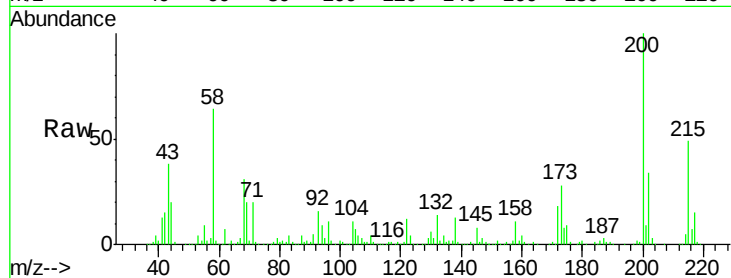
Tgt Ion:200 Resp: 452956

Ion Ratio Lower Upper

200 100

173 27.5 9.3 49.3

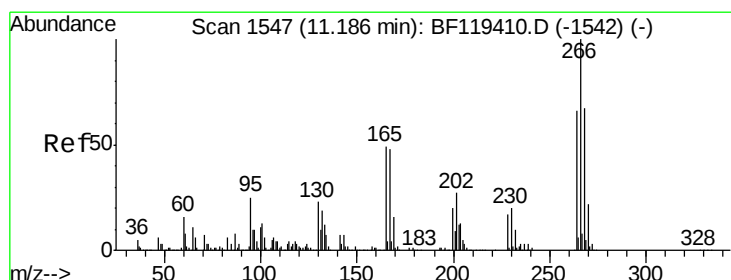
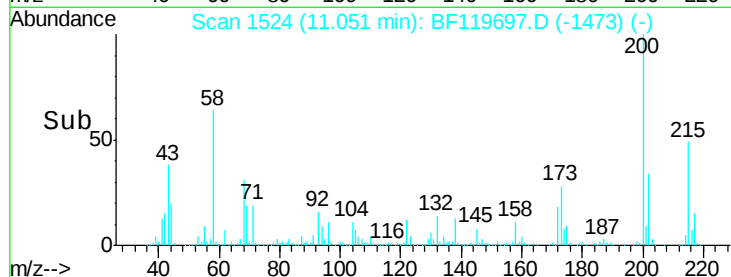
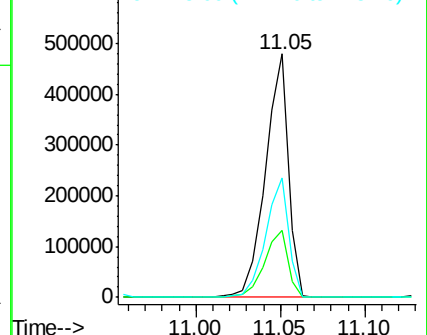
215 49.3 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.51 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

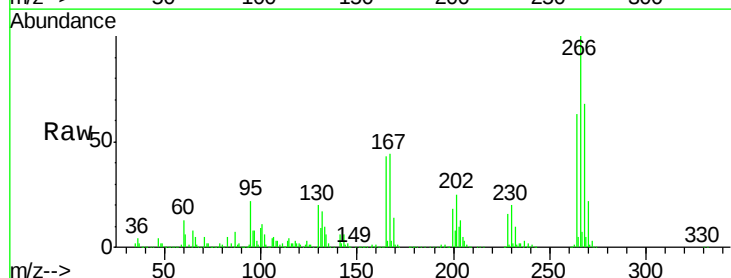
Tgt Ion:266 Resp: 599649

Ion Ratio Lower Upper

266 100

268 68.1 53.3 79.9

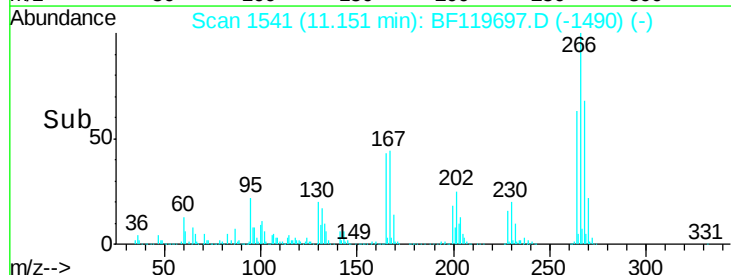
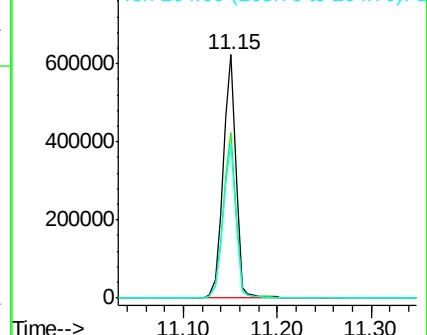
264 63.2 49.0 73.4

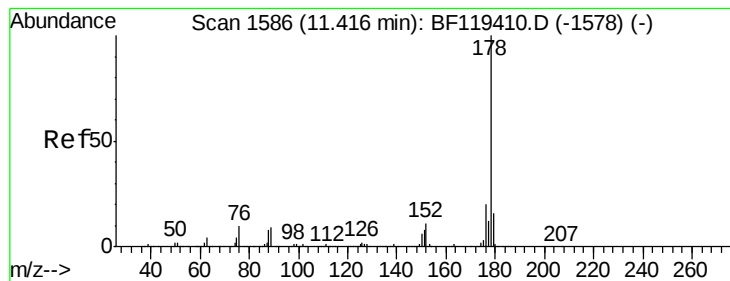


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.88 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

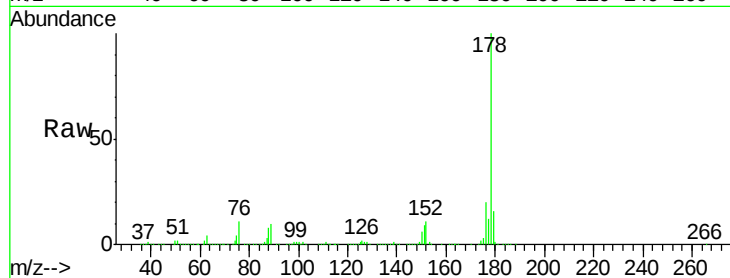
Tgt Ion:178 Resp: 2280917

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

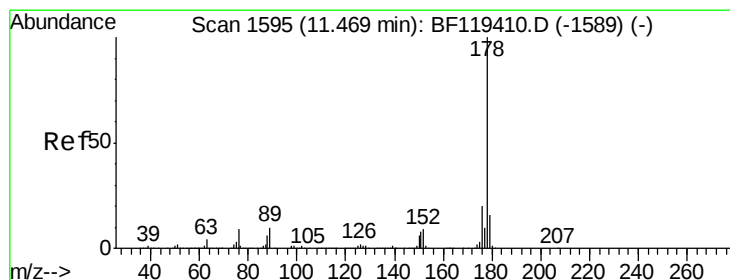
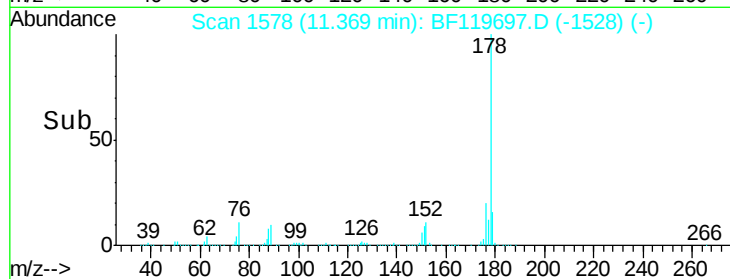
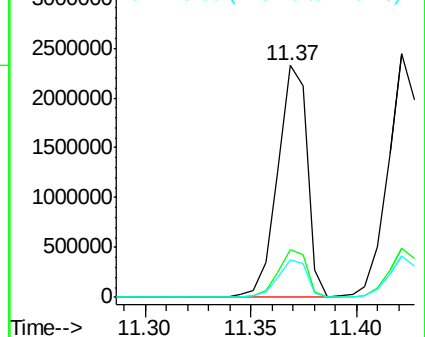
179 16.4 13.2 19.8



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: 47.79 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

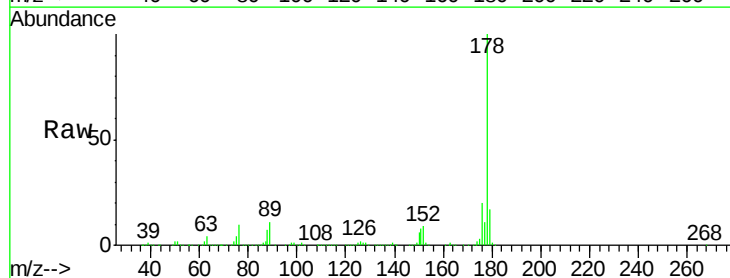
Tgt Ion:178 Resp: 2362742

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

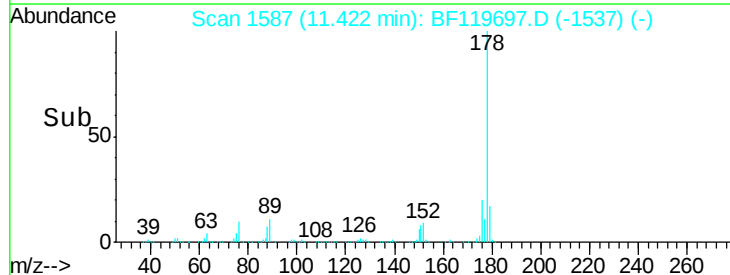
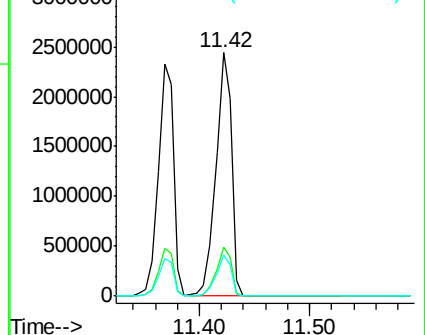
179 16.8 13.0 19.4

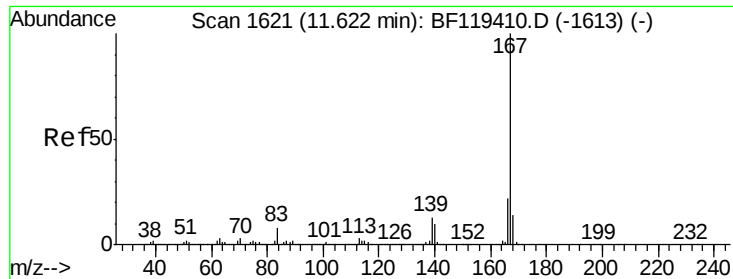


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

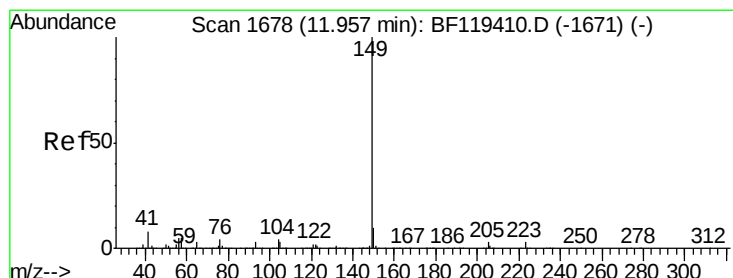
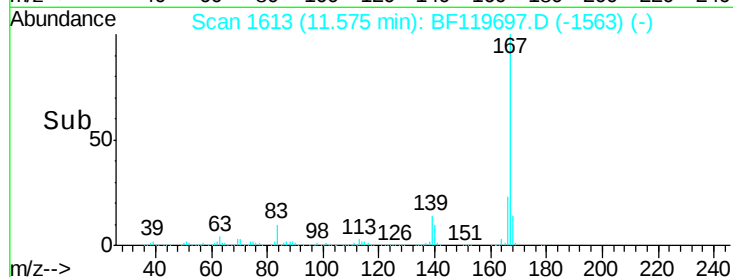
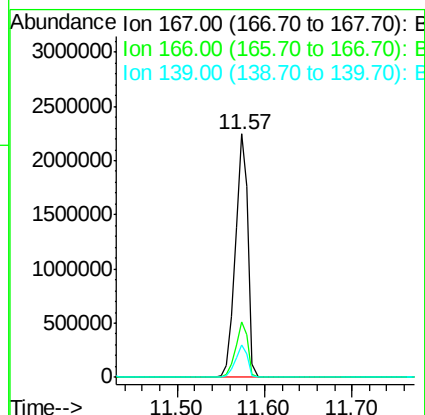
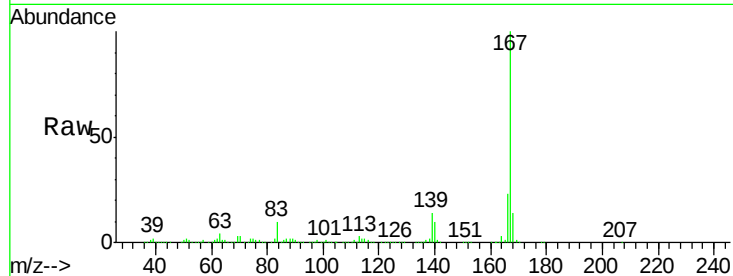




#73
 Carbazole
 Concen: 45.23 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

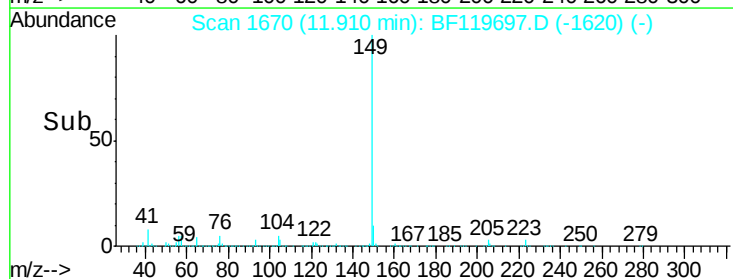
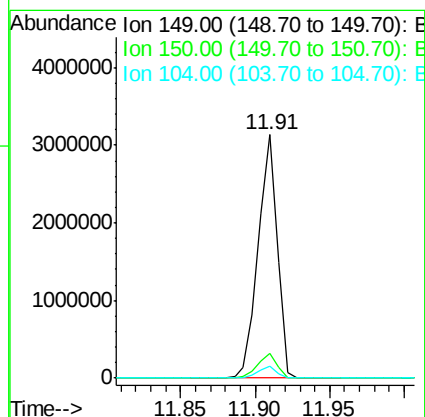
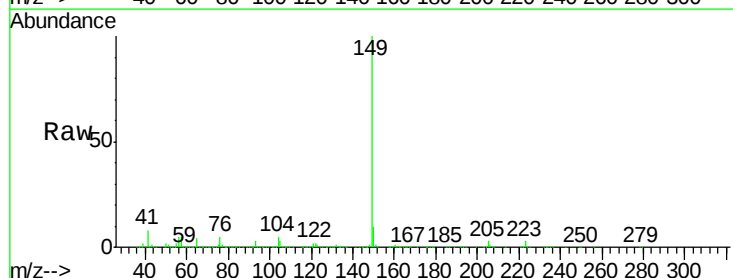
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

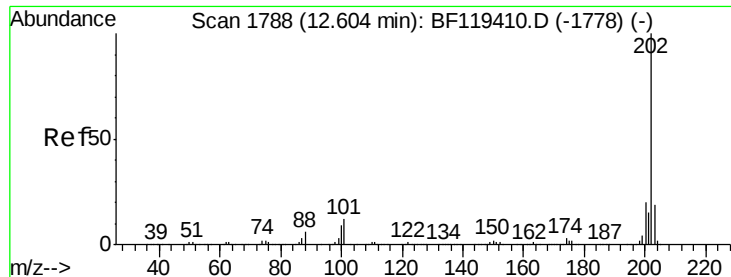
Tgt Ion:167 Resp: 2213628
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 52.59 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:149 Resp: 2753237
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 47.73 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

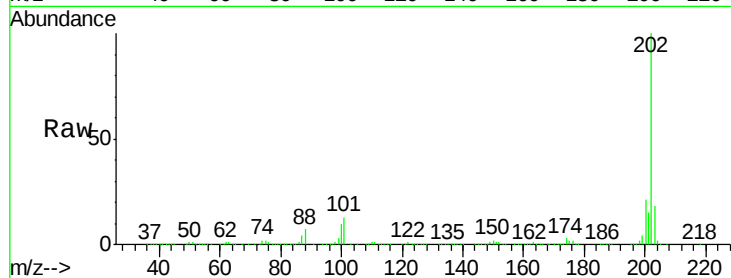
Tgt Ion:202 Resp: 2513095

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.2

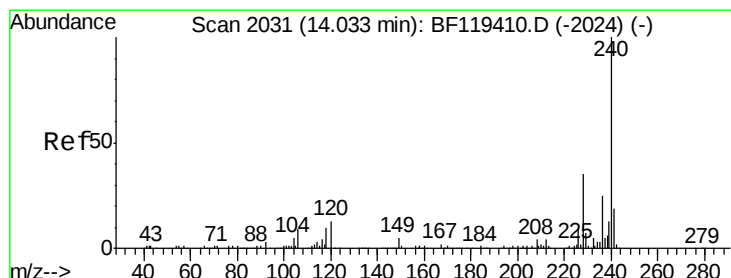
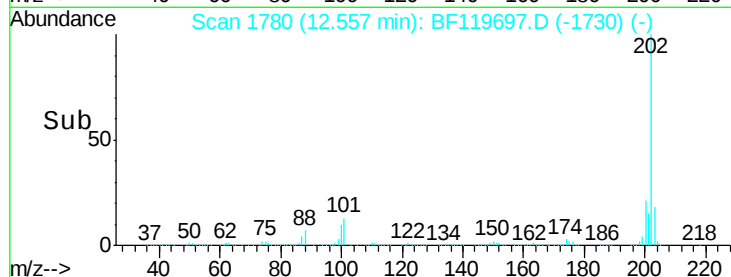
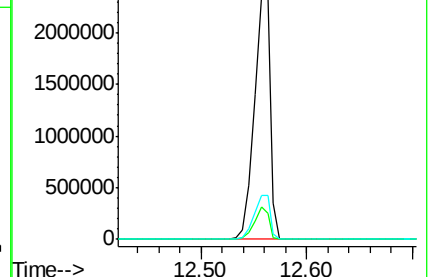
203 18.3 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

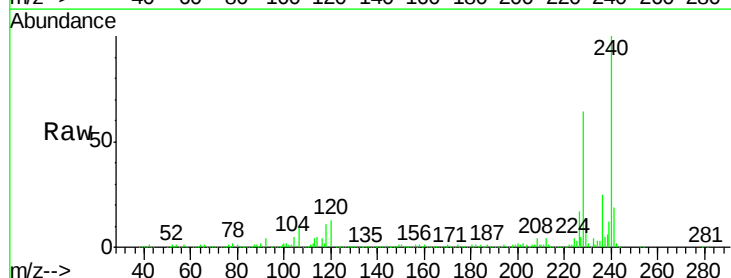
Tgt Ion:240 Resp: 667064

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

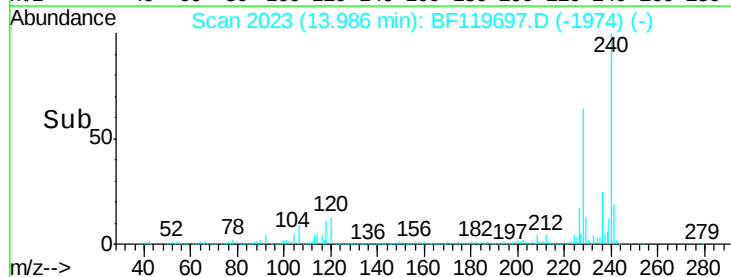
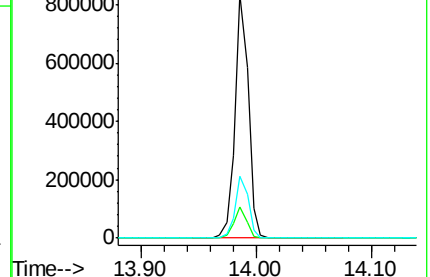
236 25.5 20.2 30.2

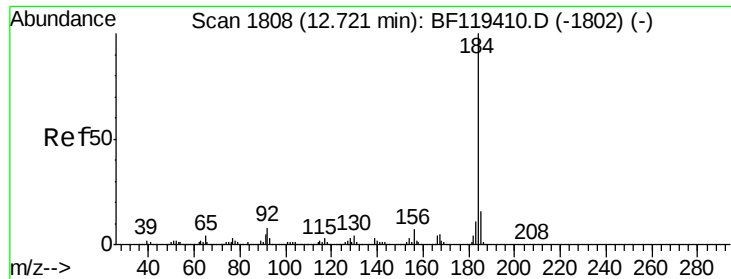


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.51 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

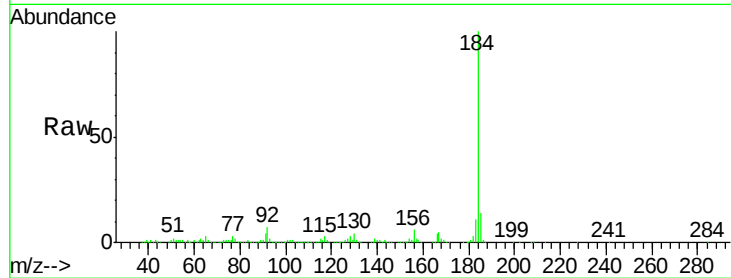
Tgt Ion:184 Resp: 1030617

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

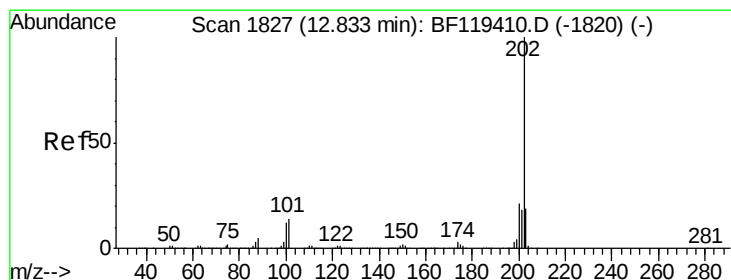
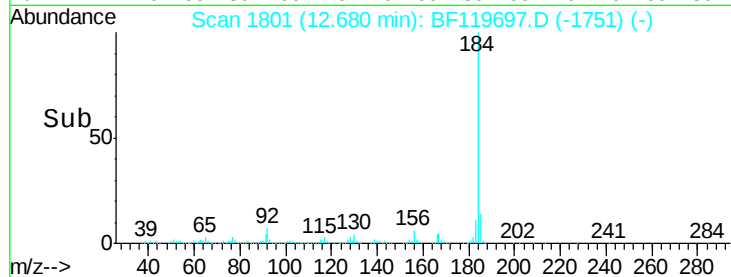
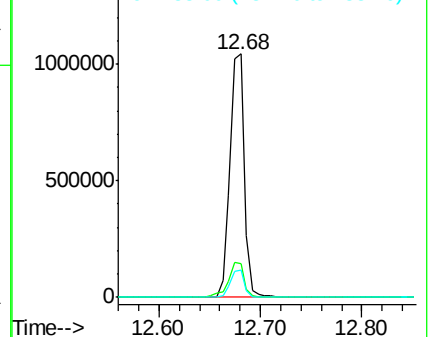
183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.85 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

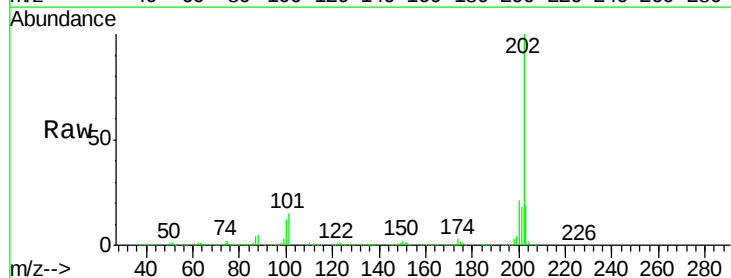
Tgt Ion:202 Resp: 2509822

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

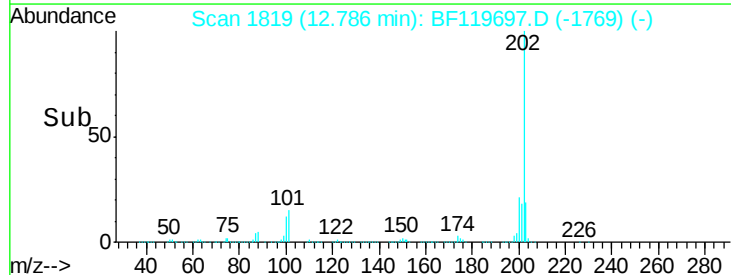
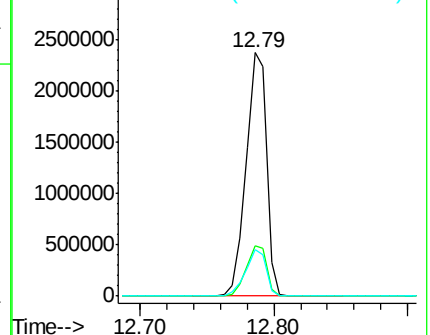
203 19.0 15.1 22.7

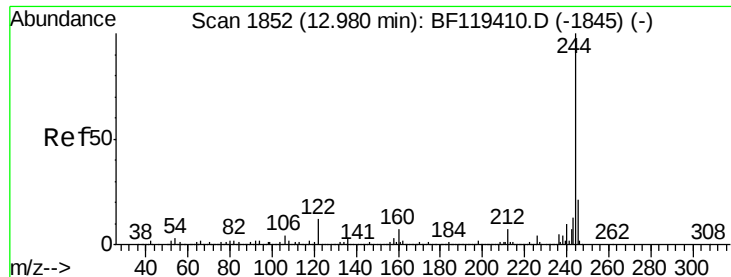


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

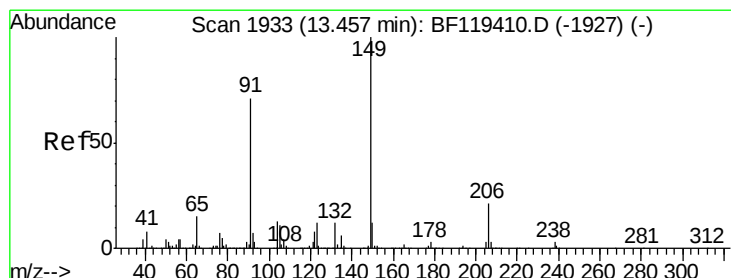
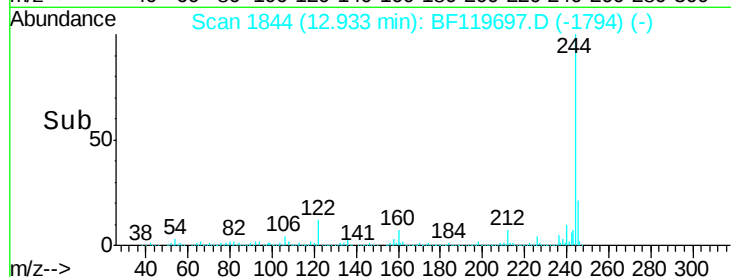
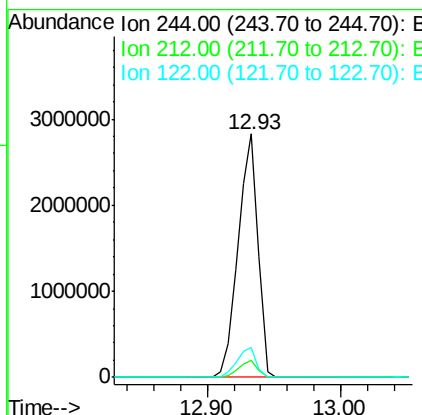
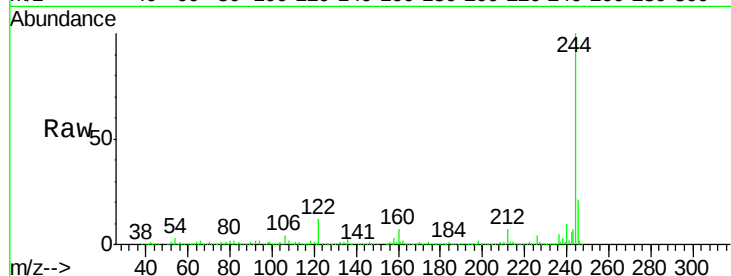




#79
 Terphenyl-d14
 Concen: 85.74 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

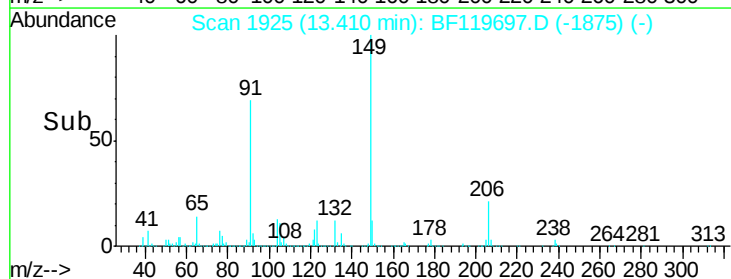
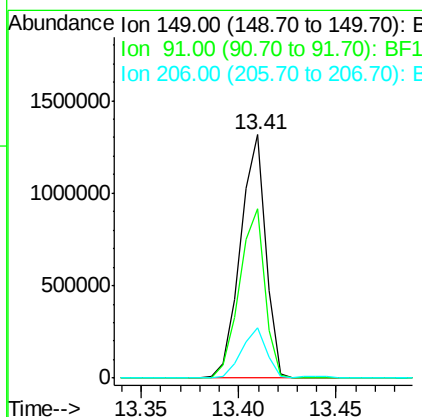
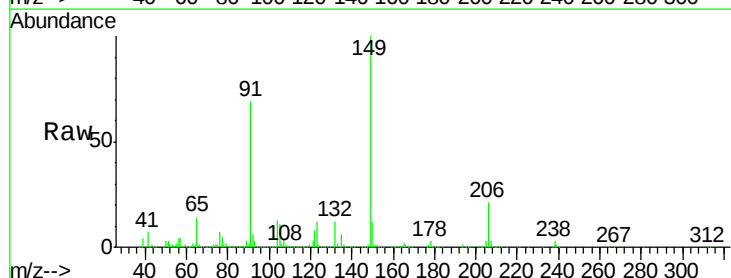
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MSD

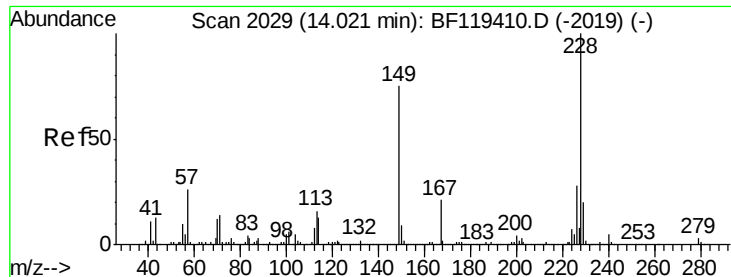
Tgt Ion:244 Resp: 2919142
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.3 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 53.58 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF119697.D
 Acq: 2 Apr 2020 5:19

Tgt Ion:149 Resp: 1186440
 Ion Ratio Lower Upper
 149 100
 91 69.5 54.7 82.1
 206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 46.16 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

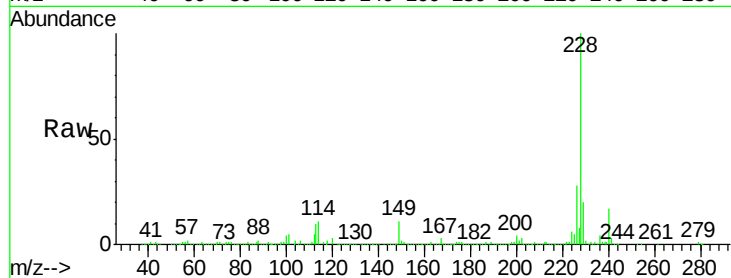
Tgt Ion:228 Resp: 2002254

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

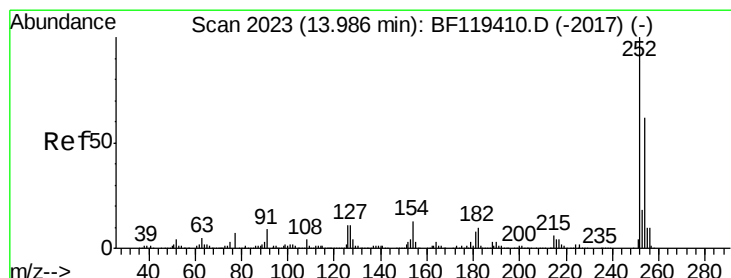
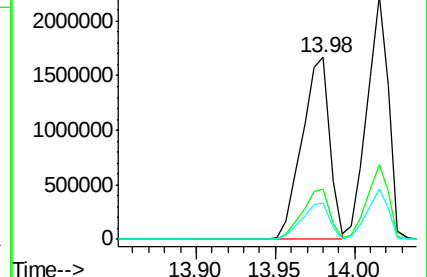
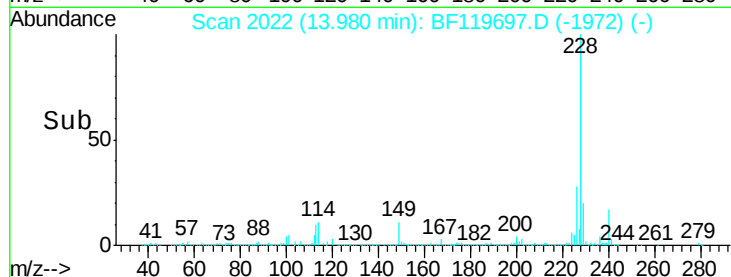
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.19 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

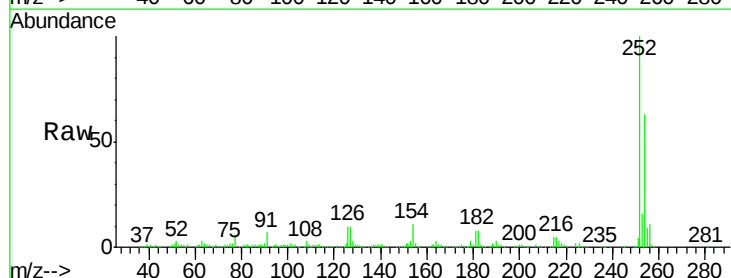
Tgt Ion:252 Resp: 293929

Ion Ratio Lower Upper

252 100

254 62.9 51.2 76.8

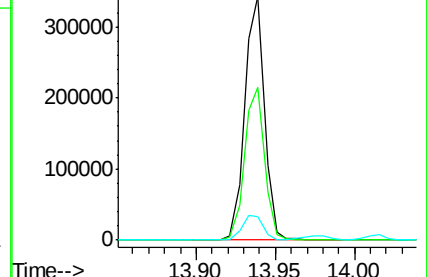
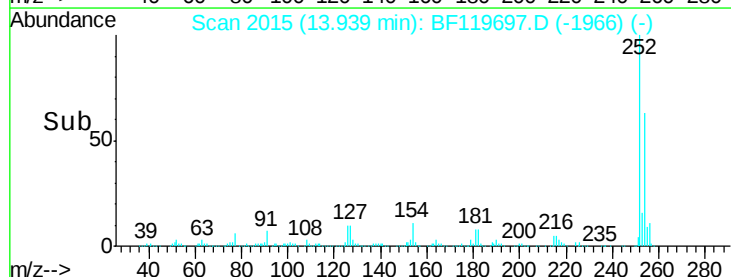
126 9.9 9.6 14.4

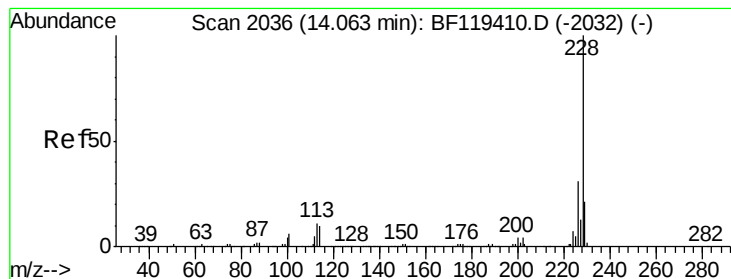


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.29 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

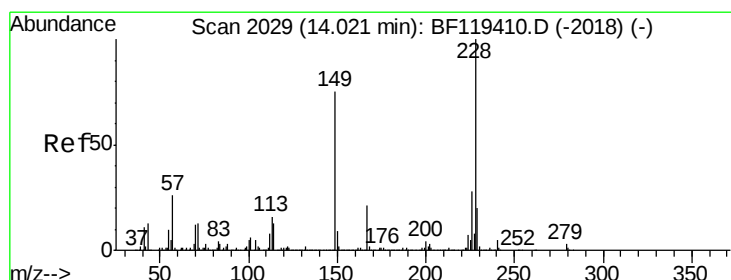
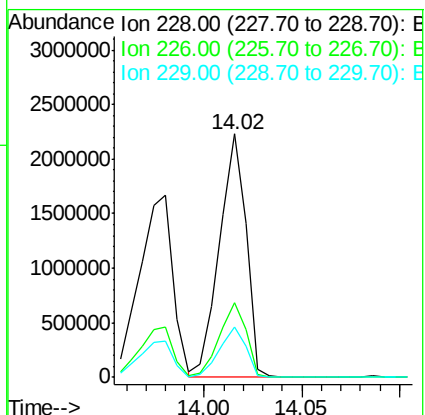
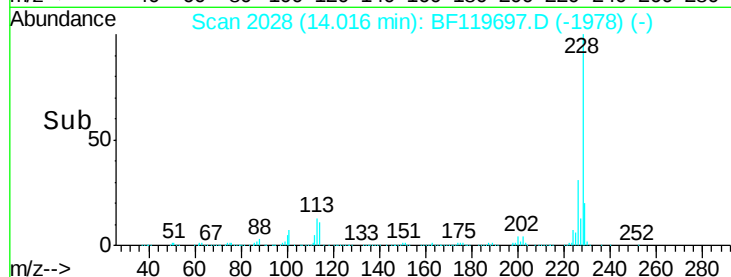
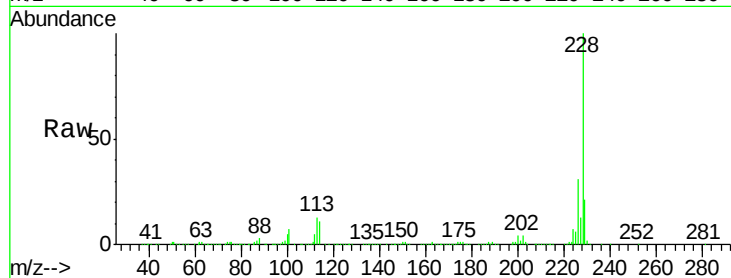
Tgt Ion:228 Resp: 2117255

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

229 20.5 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.32 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

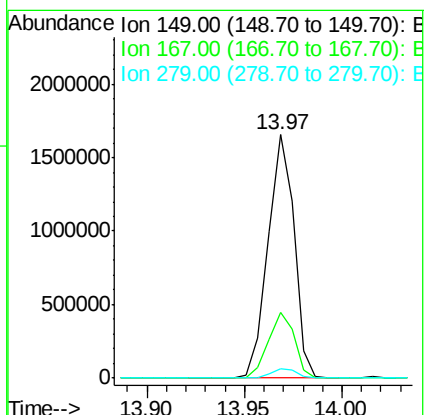
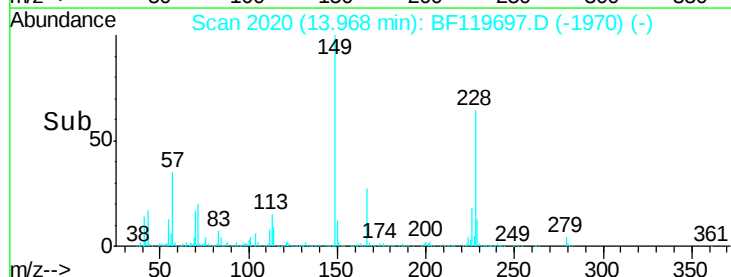
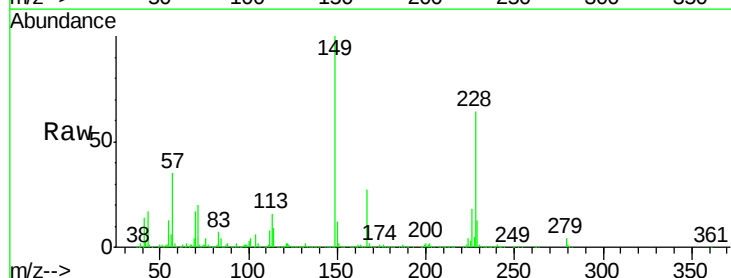
Tgt Ion:149 Resp: 1539286

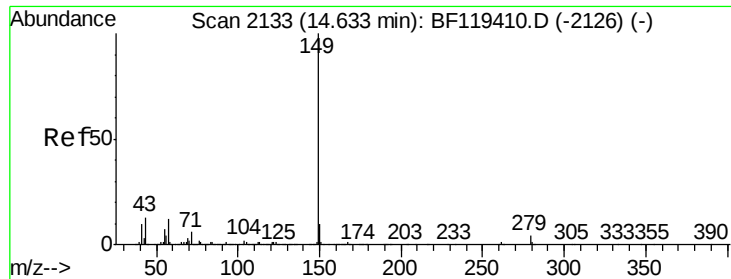
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 3.9 2.7 4.1

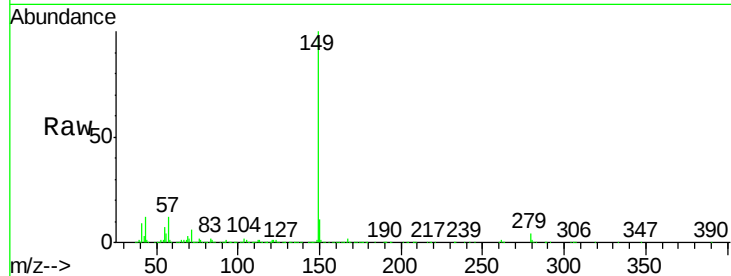




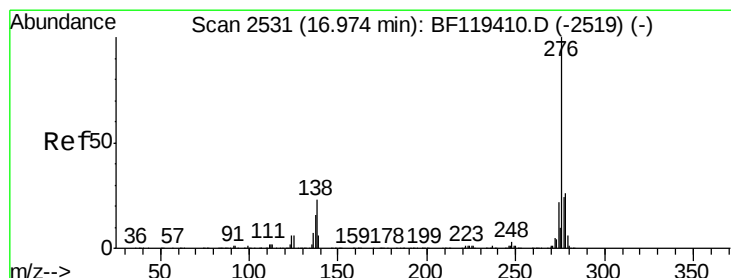
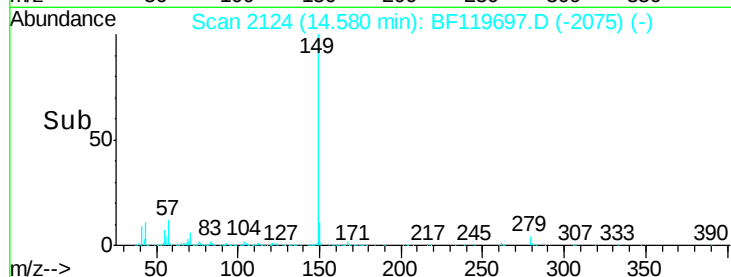
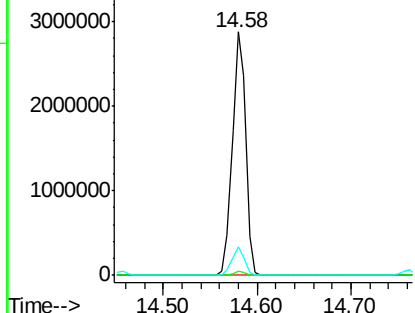
#85
Di-n-octyl phthalate
Concen: 60.76 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

Tgt Ion:149 Resp: 2820686
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.3 13.9

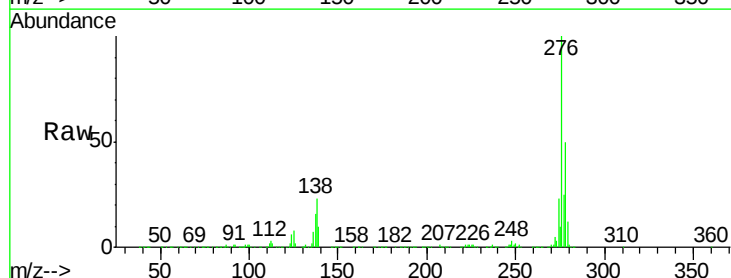


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

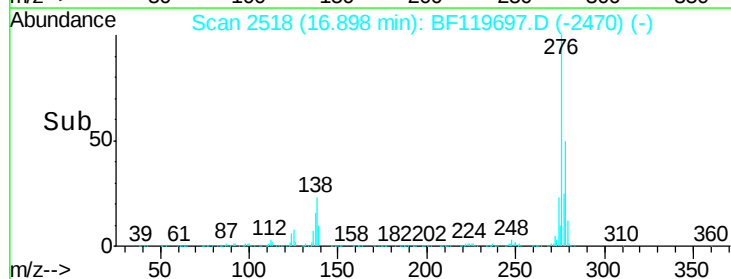
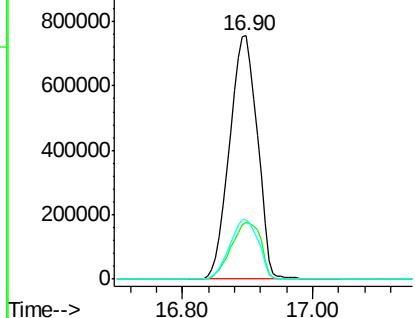


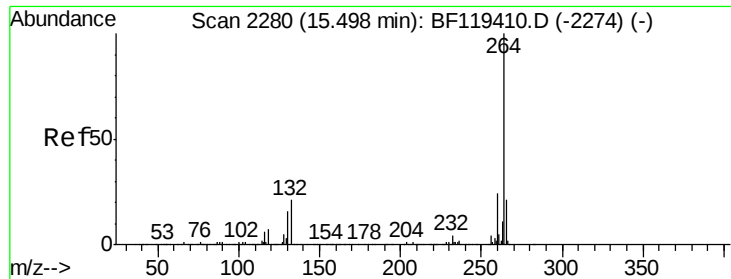
#86
Indeno(1,2,3-cd)pyrene
Concen: 53.11 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:276 Resp: 2239223
Ion Ratio Lower Upper
276 100
138 25.0 19.6 29.4
277 25.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

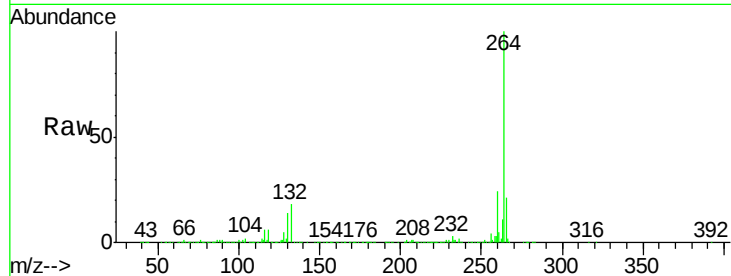
Tgt Ion:264 Resp: 715818

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

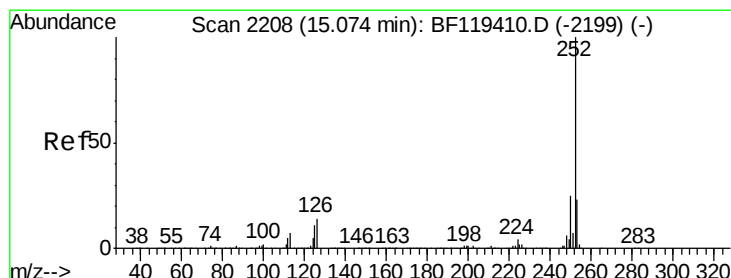
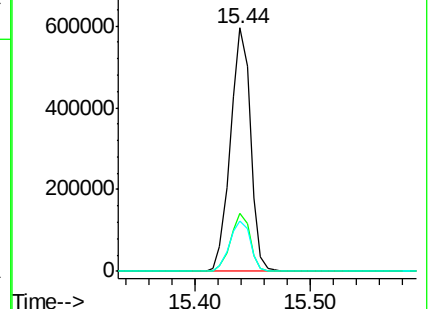
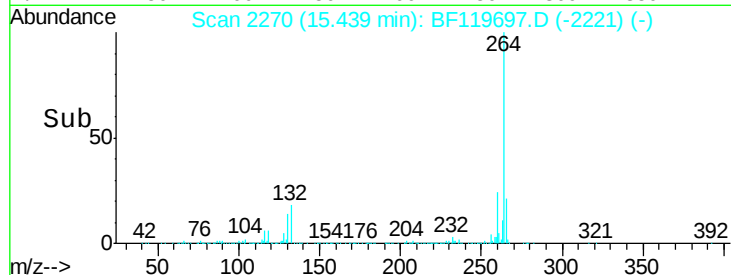
265 20.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.52 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

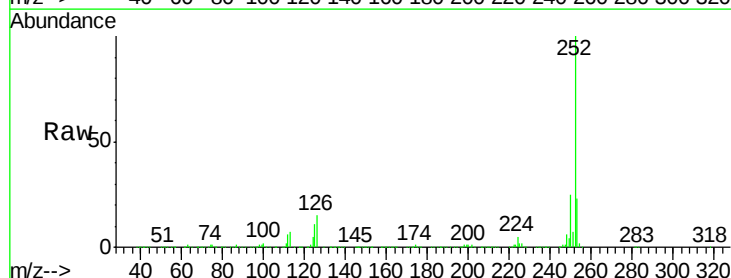
Tgt Ion:252 Resp: 2224188

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

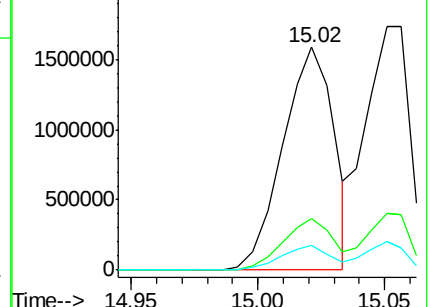
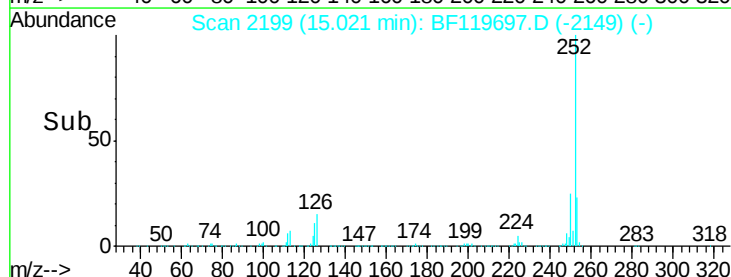
125 10.9 7.9 11.9

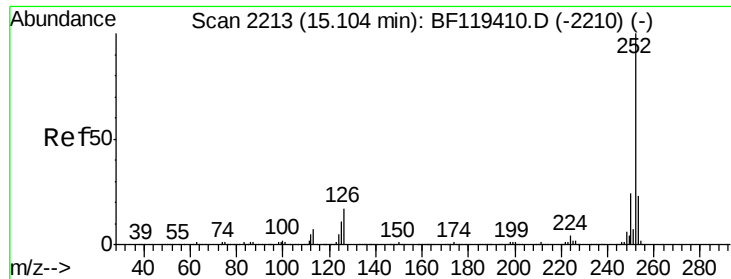


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

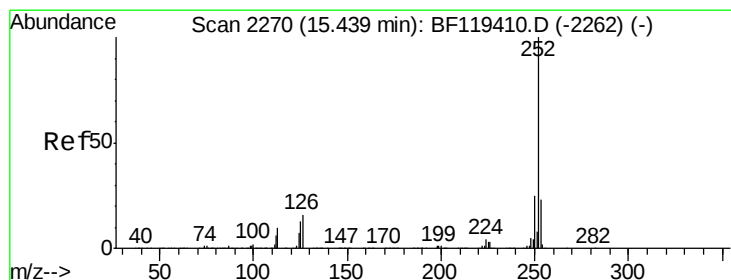
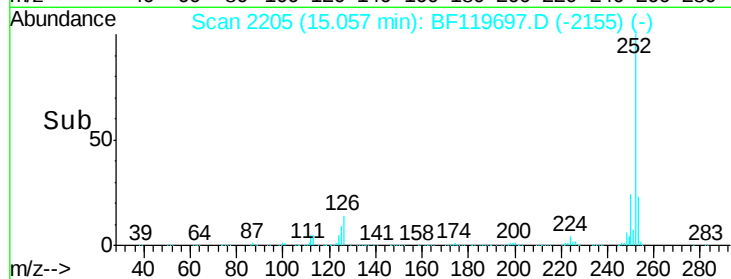
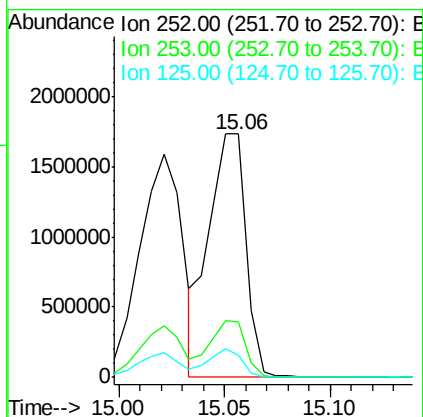
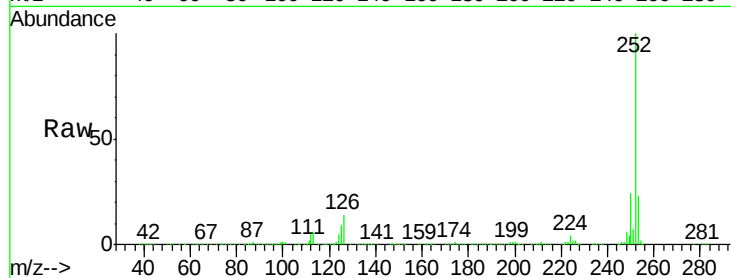




#89
Benzo(k)fluoranthene
Concen: 46.32 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

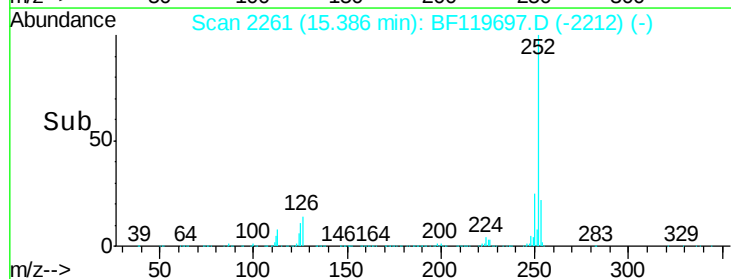
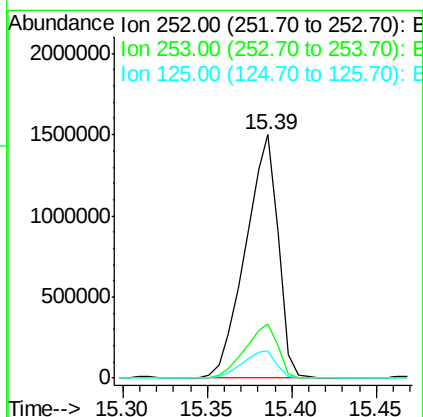
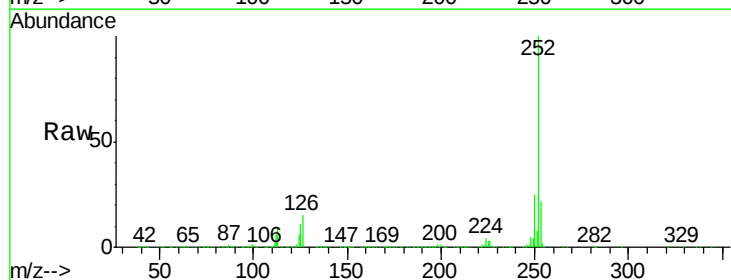
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

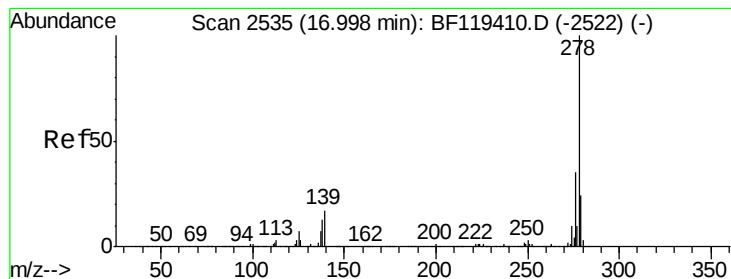
Tgt Ion:252 Resp: 2108894
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.46 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF119697.D
Acq: 2 Apr 2020 5:19

Tgt Ion:252 Resp: 2018862
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 48.68 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MSD

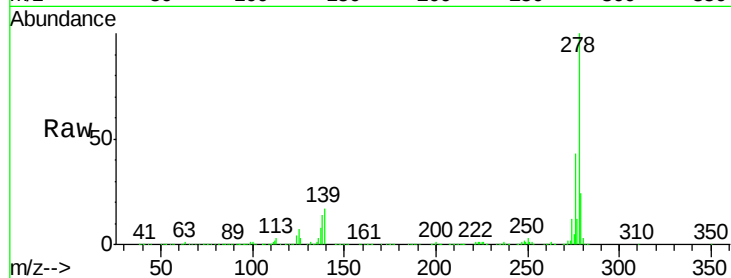
Tgt Ion:278 Resp: 1850343

Ion Ratio Lower Upper

278 100

139 16.6 12.6 19.0

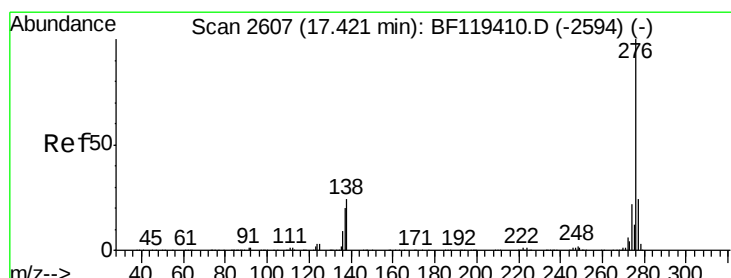
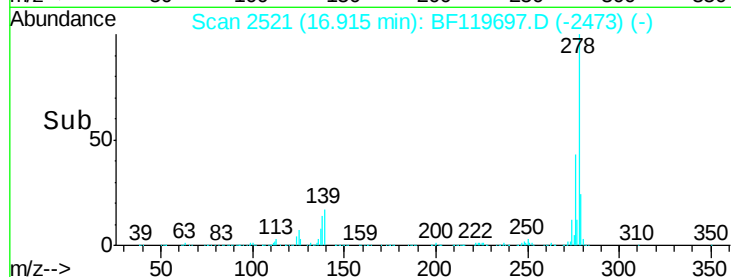
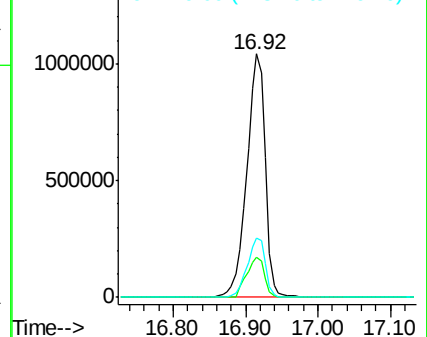
279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.87 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

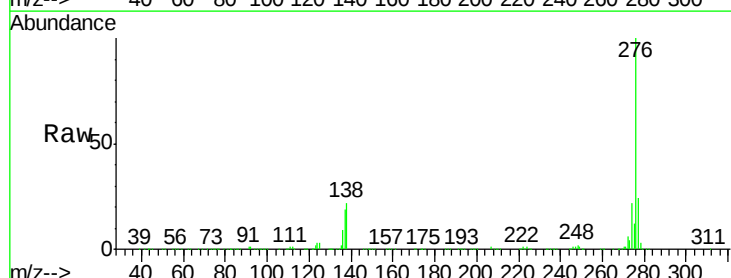
Tgt Ion:276 Resp: 1789638

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 22.1 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

