

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119696.D
 Acq On : 2 Apr 2020 4:51
 Operator : MA/SJ
 Sample : L2089-04MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Apr 02 05:26:15 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	218752	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	859921	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	451271	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	859649	20.00	ng	0.00
76) Chrysene-d12	13.99	240	628438	20.00	ng	-0.01
87) Perylene-d12	15.44	264	698518	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1644701	119.69	ng	0.02
7) Phenol-d6	6.45	99	2175614	123.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	1340315	84.71	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	635160	136.43	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2480698	81.44	ng	0.00
79) Terphenyl-d14	12.93	244	2642608	82.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	273656	40.32	ng	99
3) Pyridine	3.34	79	755781	40.42	ng	94
4) n-Nitrosodimethylamine	3.29	42	390065	42.78	ng	95
6) Aniline	6.47	93	573524	23.67	ng	97
8) 2-Chlorophenol	6.60	128	787508	54.56	ng	98
9) Benzaldehyde	6.36	77	430712	38.68	ng	98
10) Phenol	6.46	94	994186	53.08	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	746766	49.85	ng	98
12) 1,3-Dichlorobenzene	6.75	146	775039	49.62	ng	96
13) 1,4-Dichlorobenzene	6.83	146	782250	50.07	ng	97
14) 1,2-Dichlorobenzene	6.99	146	737695	50.51	ng	99
15) Benzyl Alcohol	6.96	79	660228	50.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1349319	44.66	ng	98
17) 2-Methylphenol	7.07	107	633882	47.94	ng	99
18) Hexachloroethane	7.33	117	296348	51.76	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	529961	50.09	ng	98
20) 3+4-Methylphenols	7.22	107	766753	47.31	ng	# 81
22) Acetophenone	7.22	105	998366	48.59	ng	# 87
24) Nitrobenzene	7.40	77	821138	48.56	ng	99
25) Isophorone	7.64	82	1530244	47.68	ng	99
26) 2-Nitrophenol	7.72	139	427359	64.19	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	682708	49.59	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	974031	51.32	ng	99
29) 2,4-Dichlorophenol	7.96	162	655089	51.79	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	690428	49.35	ng	97
31) Naphthalene	8.12	128	2181614	49.30	ng	100
32) Benzoic acid	7.89	122	501779	56.66	ng	95
33) 4-Chloroaniline	8.16	127	161121	7.95	ng	97
34) Hexachlorobutadiene	8.24	225	391051	49.96	ng	99
35) Caprolactam	8.55	113	115034	27.79	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	719838	52.07	ng	99
37) 2-Methylnaphthalene	8.82	142	1521359	52.38	ng	98
38) 1-Methylnaphthalene	8.92	142	1432856	52.12	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	646680	48.89	ng	99

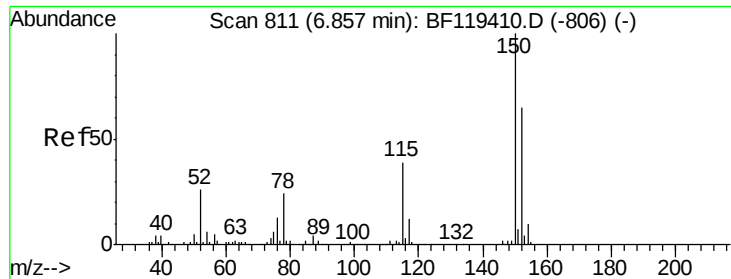
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119696.D
 Acq On : 2 Apr 2020 4:51
 Operator : MA/SJ
 Sample : L2089-04MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Apr 02 05:26:15 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)
41) Hexachlorocyclopentadiene	8.97	237	749796	99.71	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	499446	52.76	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	492893	46.48	ng	95
46) 1,1'-Biphenyl	9.28	154	1786261	48.60	ng	98
47) 2-Chloronaphthalene	9.30	162	1368052	47.52	ng	99
48) 2-Nitroaniline	9.40	65	500257	50.34	ng	98
49) Acenaphthylene	9.72	152	2215008	48.99	ng	99
50) Dimethylphthalate	9.59	163	1953296	60.94	ng	99
51) 2,6-Dinitrotoluene	9.65	165	375001	54.58	ng	96
52) Acenaphthene	9.89	154	1381591	49.02	ng	99
53) 3-Nitroaniline	9.80	138	162262	18.71	ng	99
54) 2,4-Dinitrophenol	9.92	184	350638	114.49	ng	93
55) Dibenzofuran	10.06	168	1983745	49.09	ng	98
56) 4-Nitrophenol	9.97	139	661475	96.67	ng	98
57) 2,4-Dinitrotoluene	10.05	165	500249	57.80	ng	86
58) Fluorene	10.41	166	1505096	50.37	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	426801	53.85	ng	97
60) Diethylphthalate	10.29	149	1686706	51.85	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	730678	50.00	ng	99
62) 4-Nitroaniline	10.43	138	398558	47.92	ng	97
63) Azobenzene	10.56	77	1611682	49.20	ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	250800	69.58	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1410141	49.97	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	486276	49.67	ng	92
68) Hexachlorobenzene	10.96	284	517626	51.66	ng	95
69) Atrazine	11.05	200	428658	55.41	ng	97
70) Pentachlorophenol	11.15	266	567088	96.52	ng	98
71) Phenanthrene	11.37	178	2198202	49.31	ng	100
72) Anthracene	11.42	178	2248100	49.62	ng	99
73) Carbazole	11.57	167	2112935	47.12	ng	100
74) Di-n-butylphthalate	11.91	149	2590225	54.00	ng	100
75) Fluoranthene	12.56	202	2407908	49.91	ng	99
77) Benzidine	12.67	184	933640	35.11	ng	98
78) Pyrene	12.79	202	2451152	47.53	ng	99
80) Butylbenzylphthalate	13.41	149	1135115	54.42	ng	99
81) Benzo(a)anthracene	13.98	228	1919782	46.98	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	265558	16.48	ng	99
83) Chrysene	14.02	228	2023778	47.98	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1472690	59.22	ng	99
85) Di-n-octyl phthalate	14.58	149	2705119	61.85	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2230614	56.16	ng	99
88) Benzo(b)fluoranthene	15.02	252	2201326	47.18	ng	98
89) Benzo(k)fluoranthene	15.05	252	2066576	46.51	ng	98
90) Benzo(a)pyrene	15.39	252	1994356	47.03	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	1813441	48.89	ng	99
92) Benzo(g,h,i)perylene	17.34	276	1797136	48.23	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: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

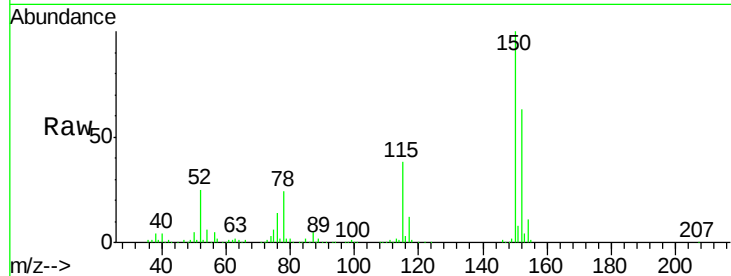
Tgt Ion:152 Resp: 218752

Ion Ratio Lower Upper

152 100

150 157.8 124.5 186.7

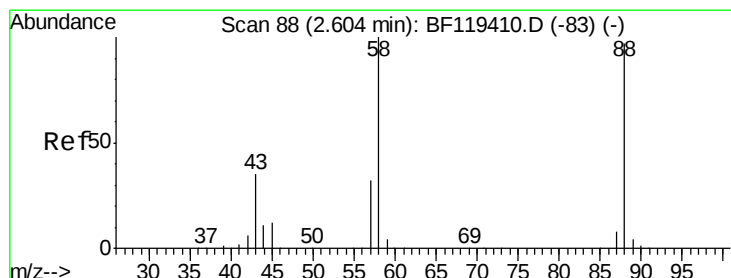
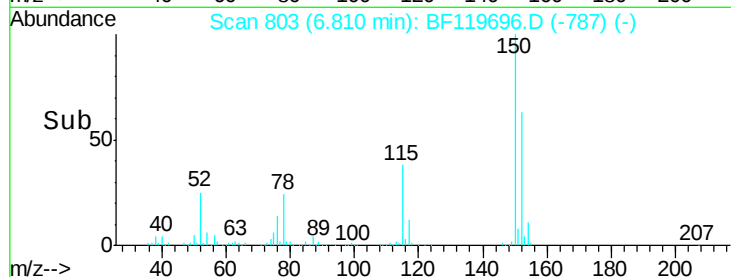
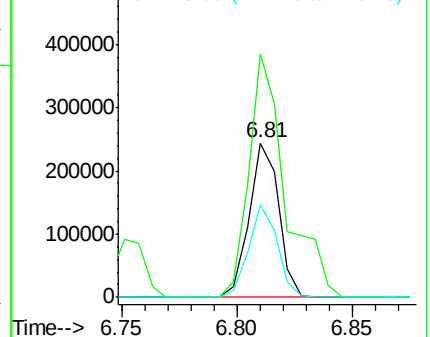
115 60.1 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.32 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.09 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

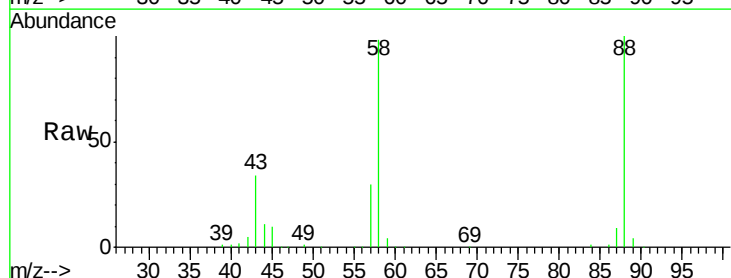
Tgt Ion: 88 Resp: 273656

Ion Ratio Lower Upper

88 100

58 100.2 80.6 121.0

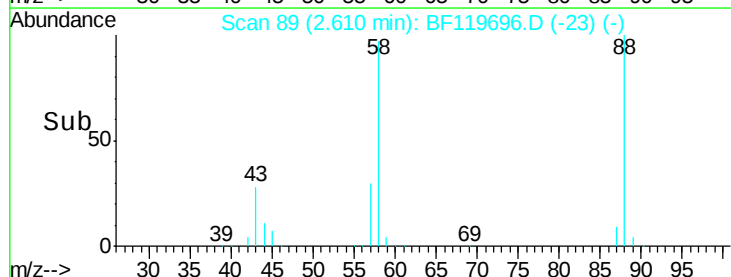
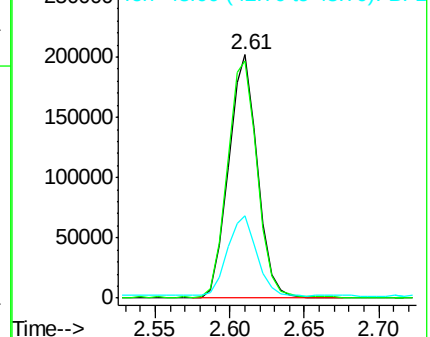
43 33.5 27.5 41.3

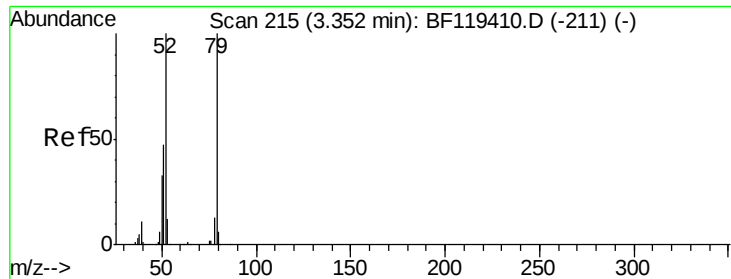


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 40.42 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.08 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

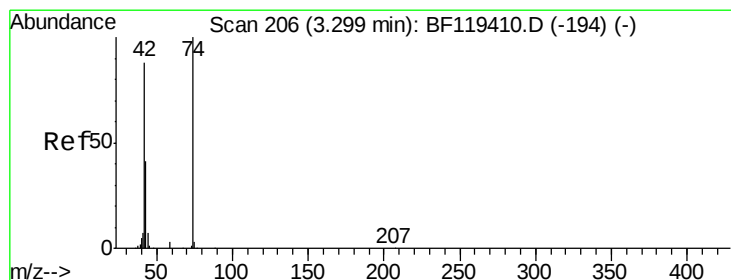
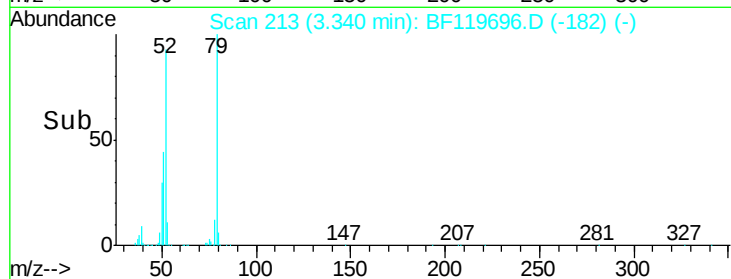
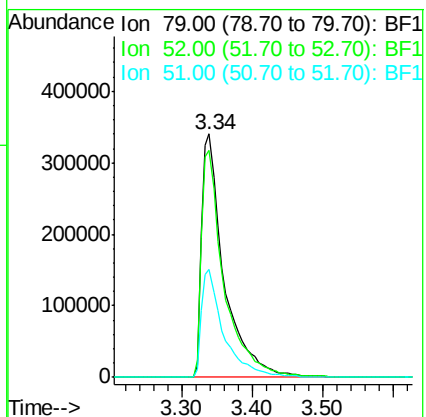
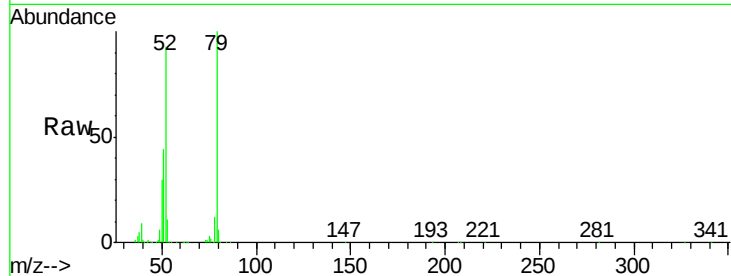
Tgt Ion: 79 Resp: 755781

Ion Ratio Lower Upper

79 100

52 93.0 80.2 120.2

51 44.1 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 42.78 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.08 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

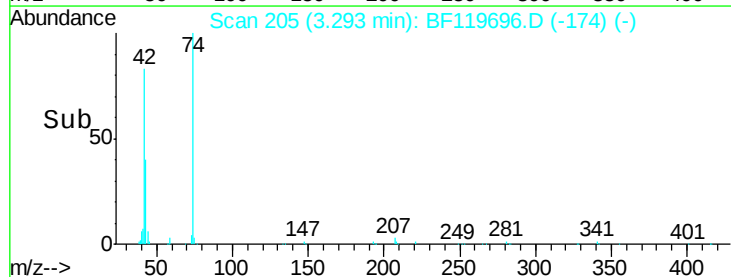
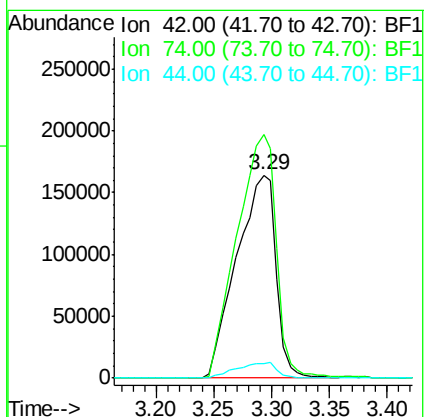
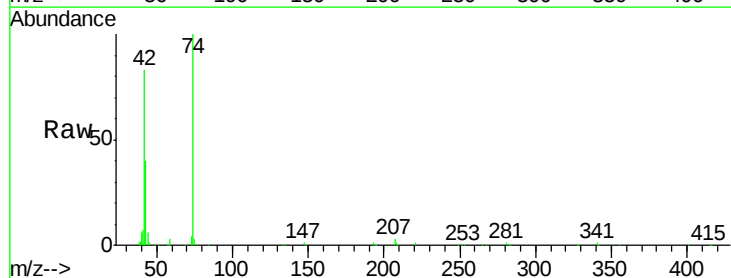
Tgt Ion: 42 Resp: 390065

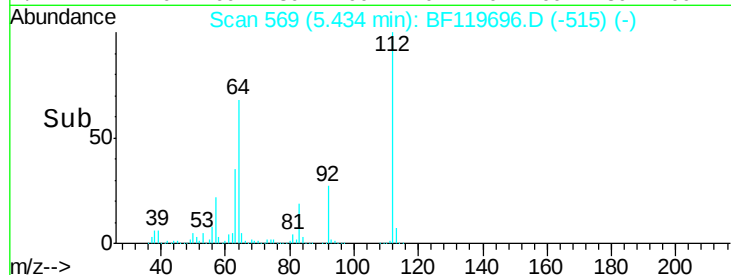
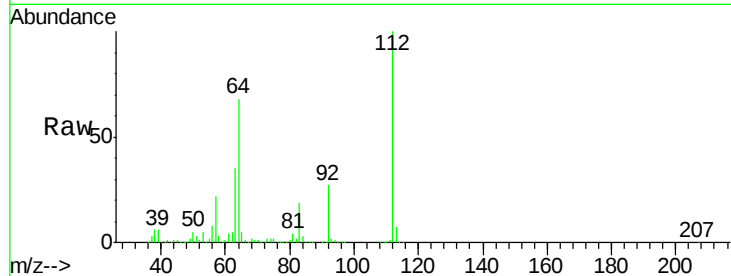
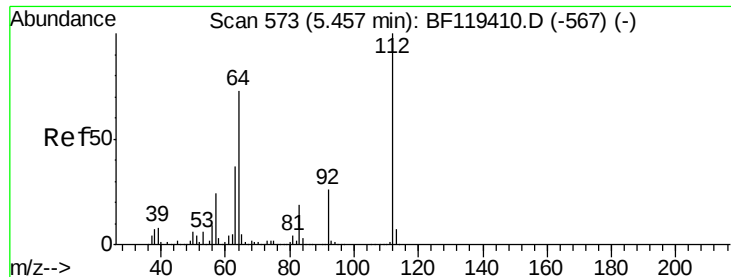
Ion Ratio Lower Upper

42 100

74 120.1 91.5 137.3

44 7.4 6.2 9.4

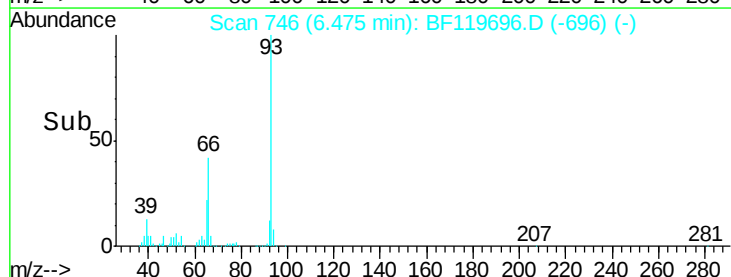
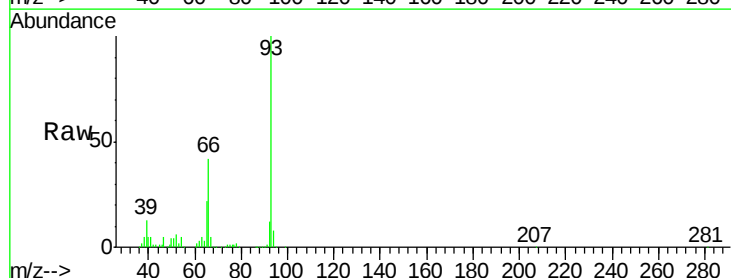
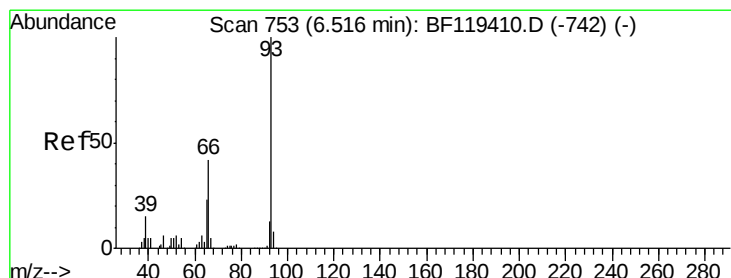
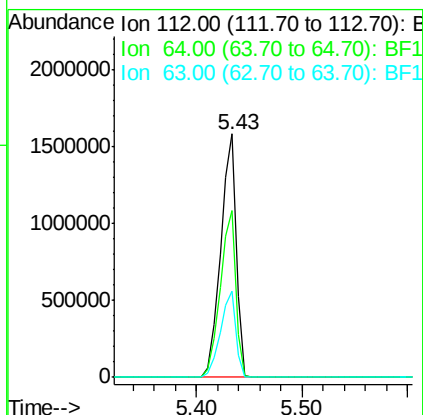




#5
2-Fluorophenol
Concen: 119.69 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

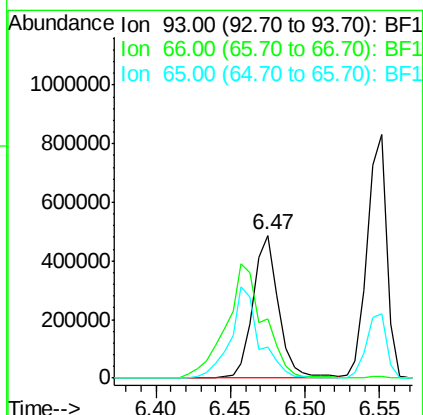
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

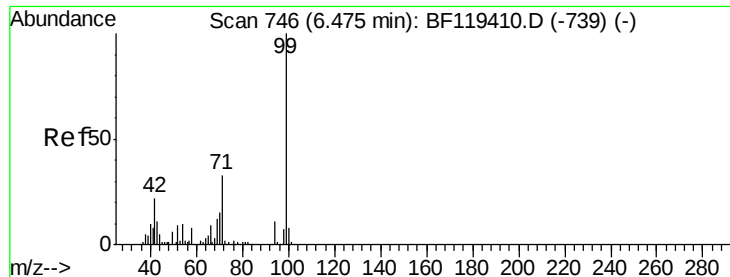
Tgt Ion: 112 Resp: 1644701
Ion Ratio Lower Upper
112 100
64 68.5 56.7 85.1
63 35.5 29.5 44.3



#6
Aniline
Concen: 23.67 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion: 93 Resp: 573524
Ion Ratio Lower Upper
93 100
66 41.8 34.9 52.3
65 21.8 18.6 27.8





#7

Phenol-d6

Concen: 123.94 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

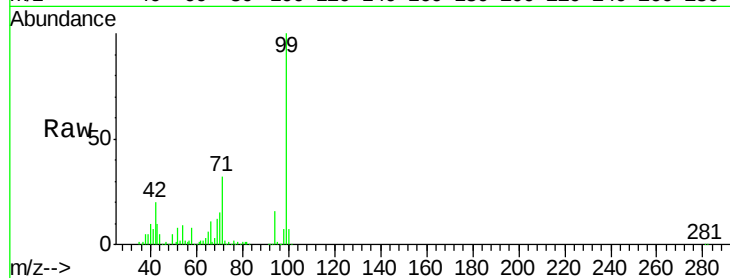
Tgt Ion: 99 Resp: 2175614

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

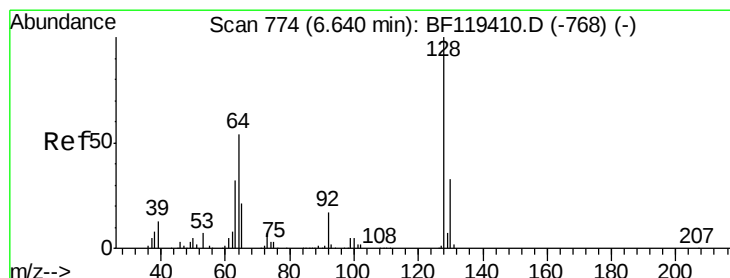
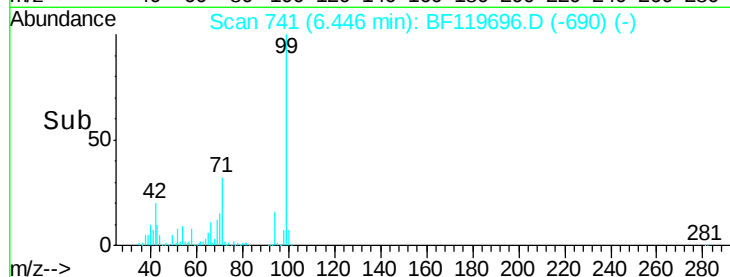
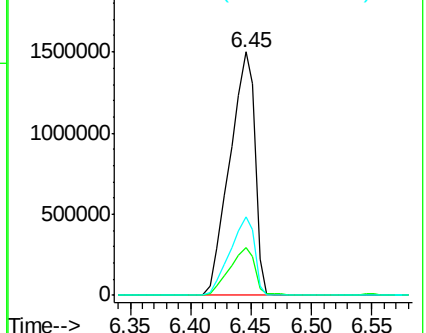
71 32.5 26.4 39.6



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: BF119696.D

Acq: 2 Apr 2020 4:51

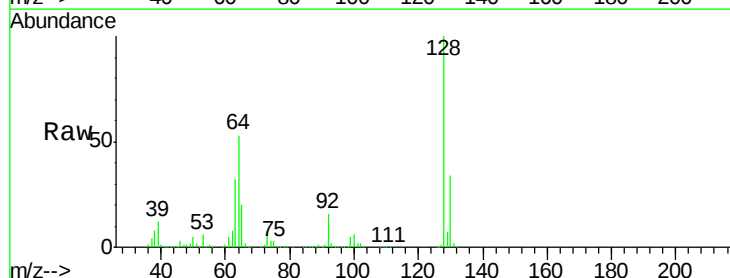
Tgt Ion: 128 Resp: 787508

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

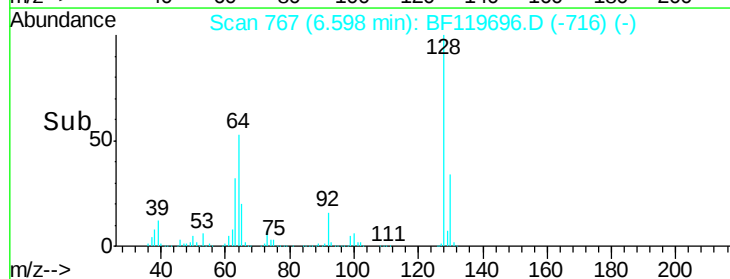
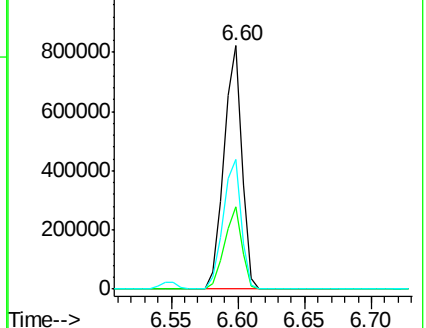
64 53.5 35.3 75.3

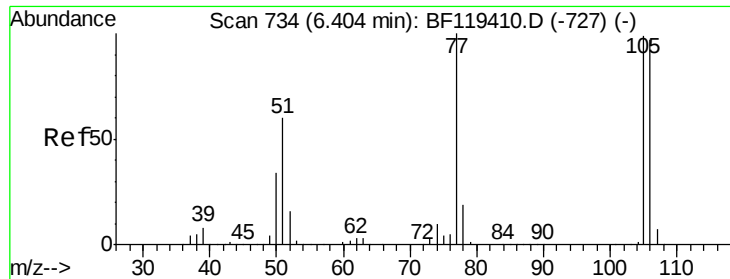


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

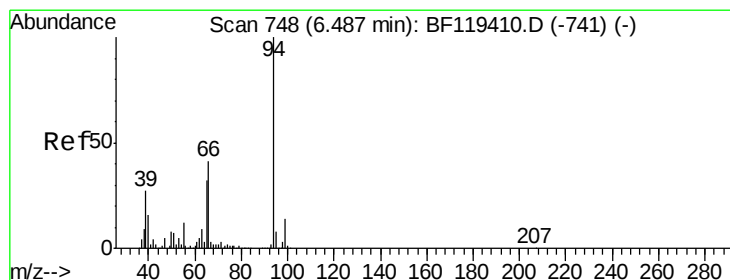
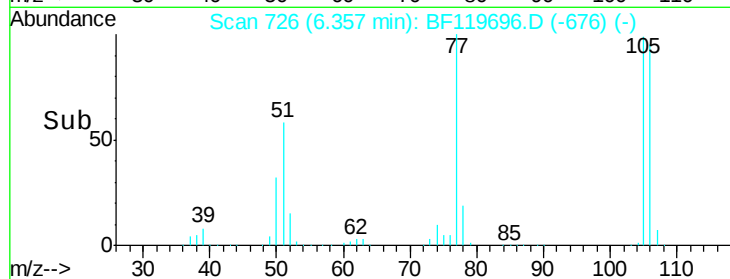
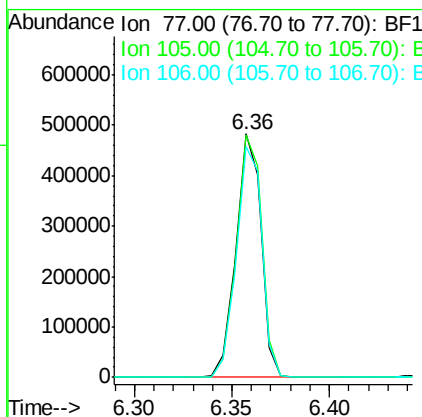
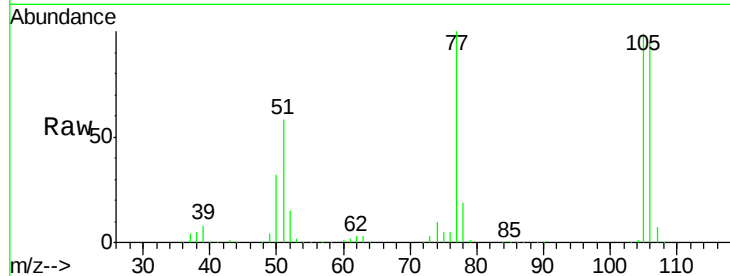




#9
Benzaldehyde
Concen: 38.68 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

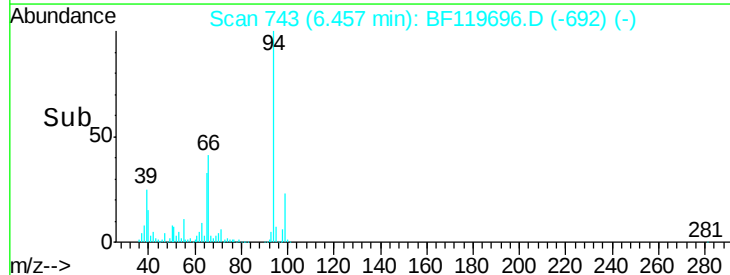
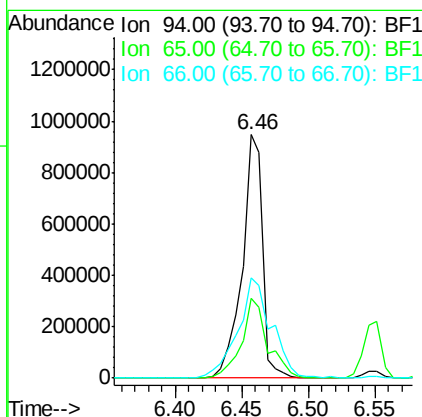
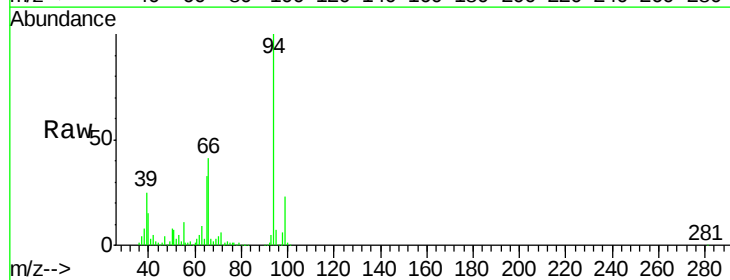
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

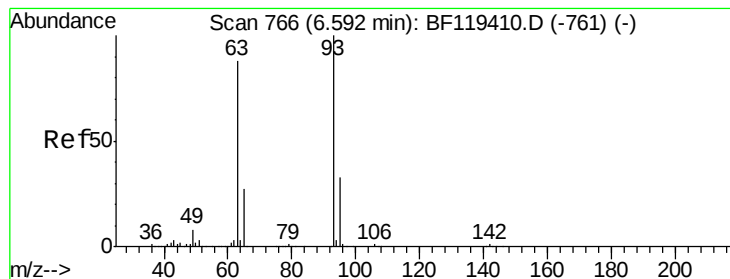
Tgt Ion: 77 Resp: 430712
Ion Ratio Lower Upper
77 100
105 99.5 80.9 120.9
106 94.7 77.9 117.9



#10
Phenol
Concen: 53.08 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion: 94 Resp: 994186
Ion Ratio Lower Upper
94 100
65 32.7 13.2 53.2
66 41.2 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 49.85 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

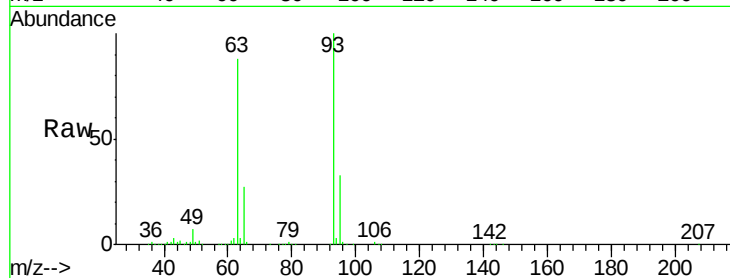
Tgt Ion: 93 Resp: 746766

Ion Ratio Lower Upper

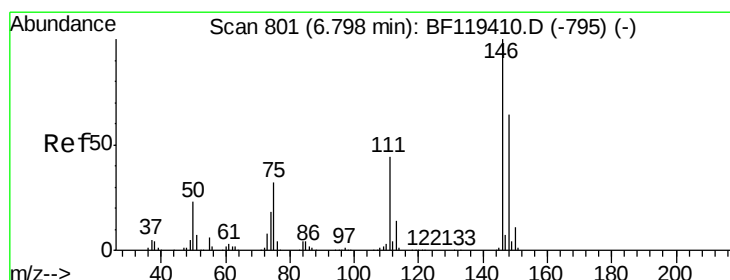
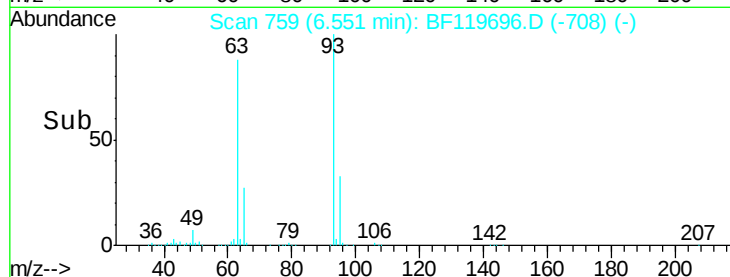
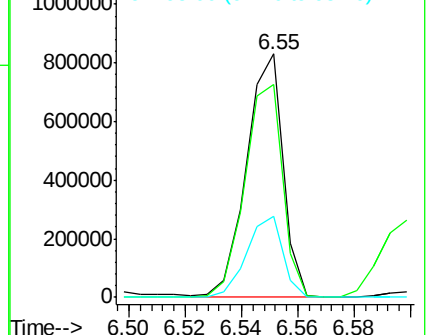
93 100

63 87.6 70.2 110.2

95 33.1 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 49.62 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

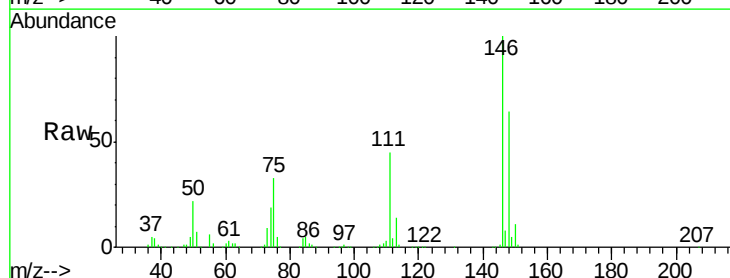
Tgt Ion: 146 Resp: 775039

Ion Ratio Lower Upper

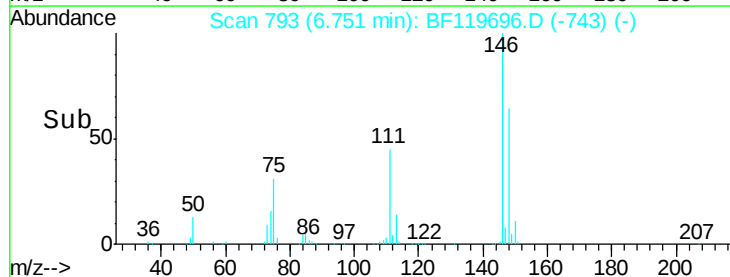
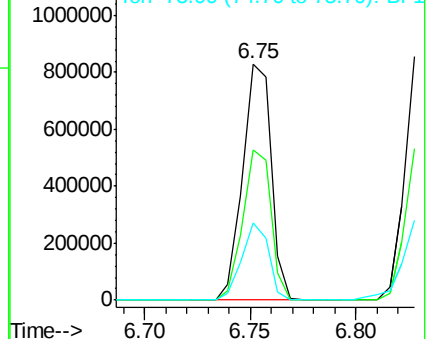
146 100

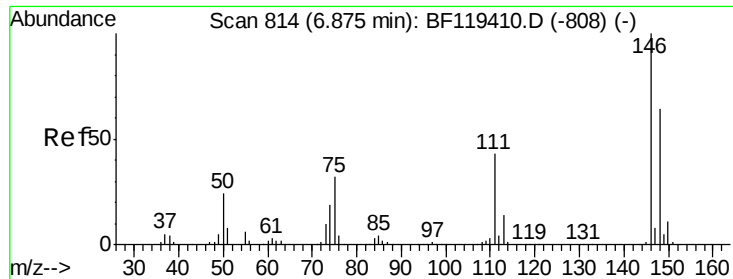
148 63.9 52.2 78.4

75 32.6 23.0 34.4



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

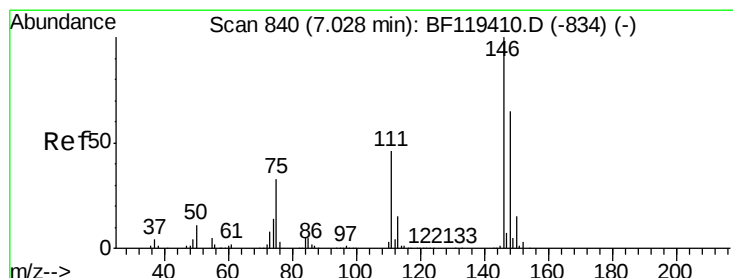
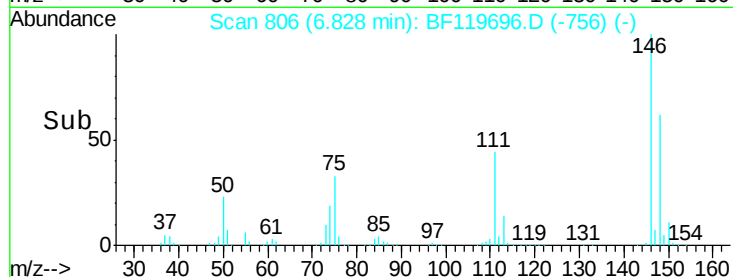
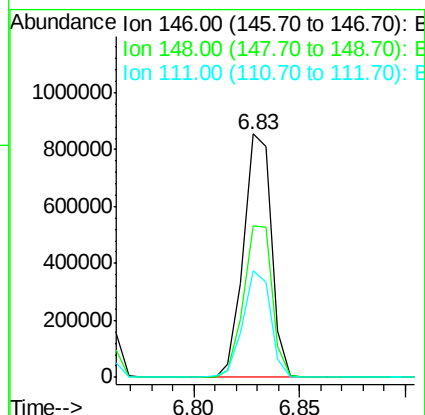
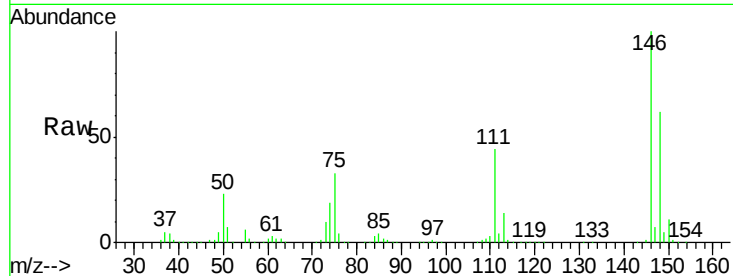




#13
 1,4-Dichlorobenzene
 Concen: 50.07 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

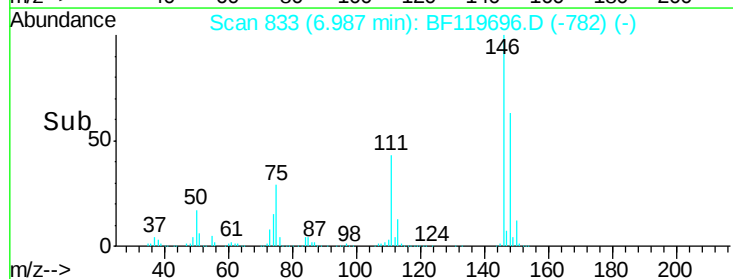
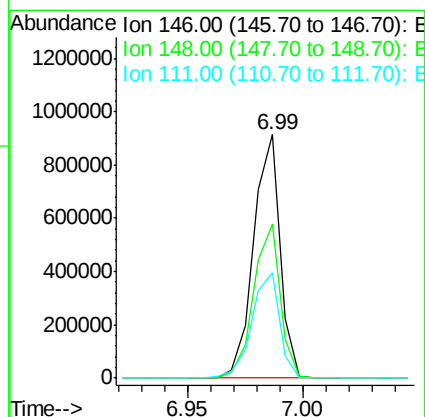
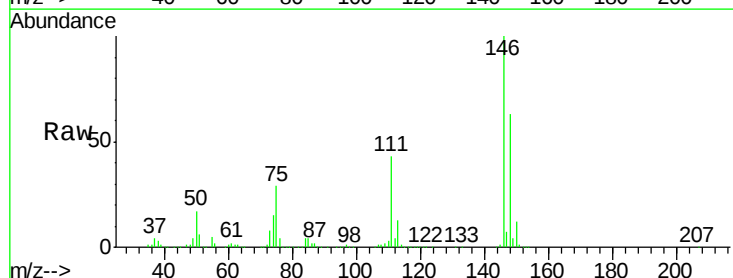
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

Tgt Ion:146 Resp: 782250
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.5 77.3
 111 43.6 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 50.51 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:146 Resp: 737695
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 43.2 36.1 54.1





#15

Benzyl Alcohol

Concen: 50.00 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

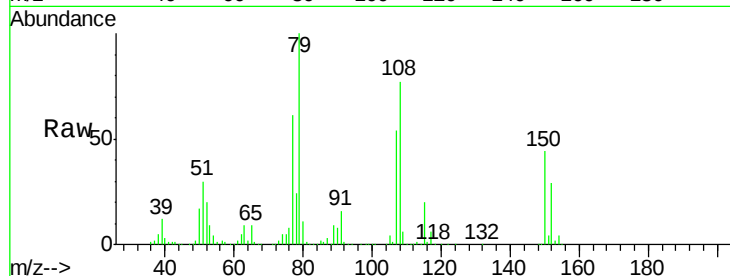
Tgt Ion: 79 Resp: 660228

Ion Ratio Lower Upper

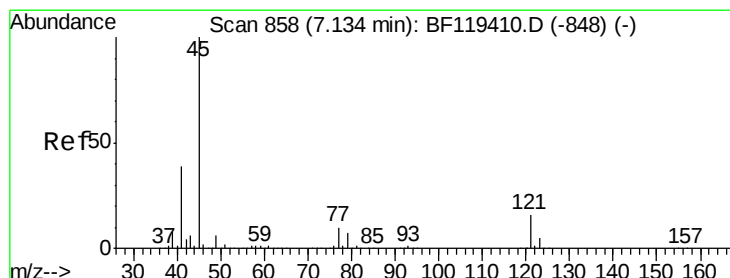
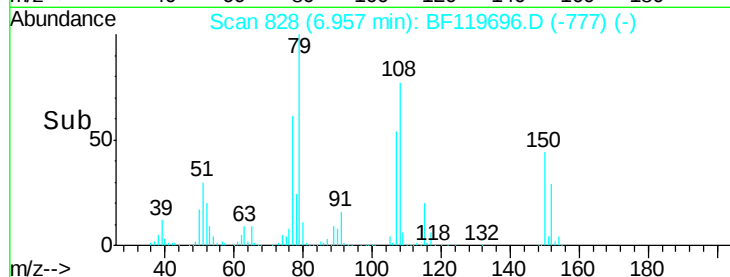
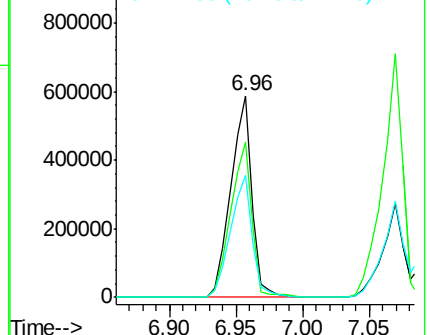
79 100

108 77.2 60.6 90.8

77 60.7 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.66 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

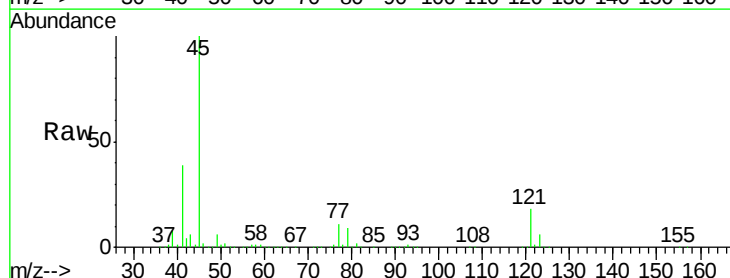
Tgt Ion: 45 Resp: 1349319

Ion Ratio Lower Upper

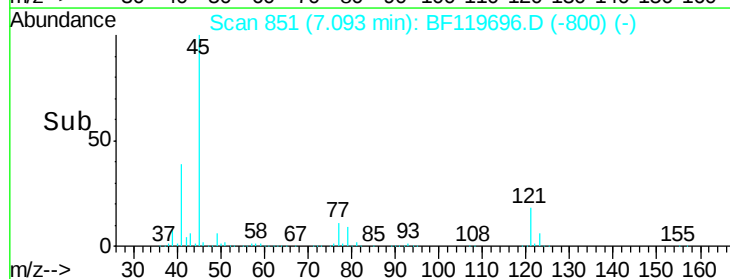
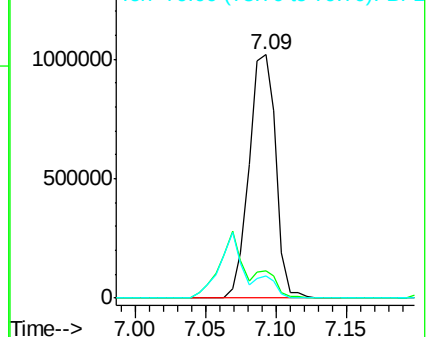
45 100

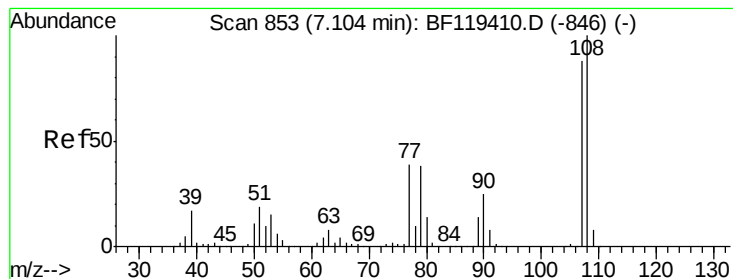
77 11.5 0.0 30.7

79 8.9 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 47.94 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

Tgt Ion:107 Resp: 633882

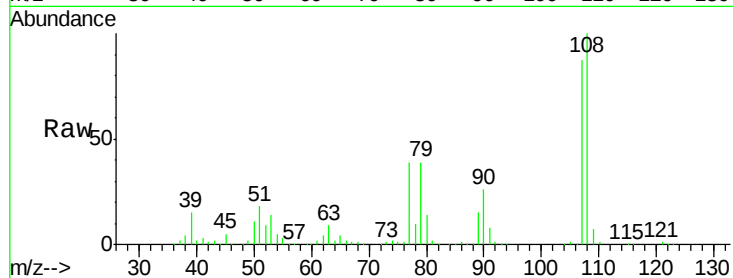
Ion Ratio Lower Upper

107 100

108 114.9 92.2 138.4

77 45.3 36.6 54.8

79 44.5 36.2 54.4

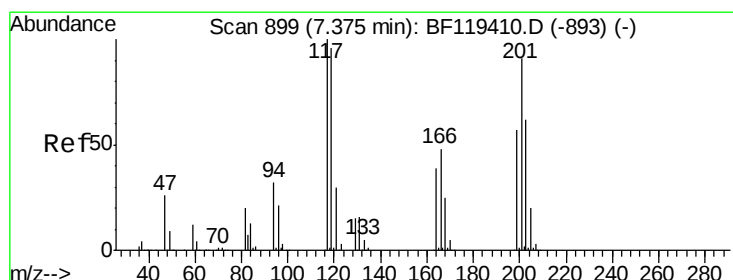
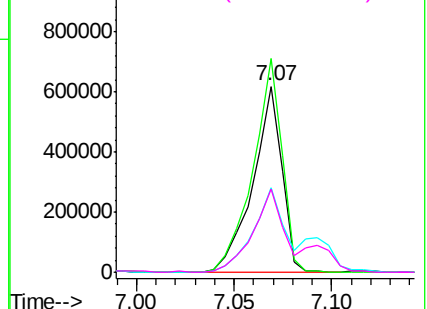
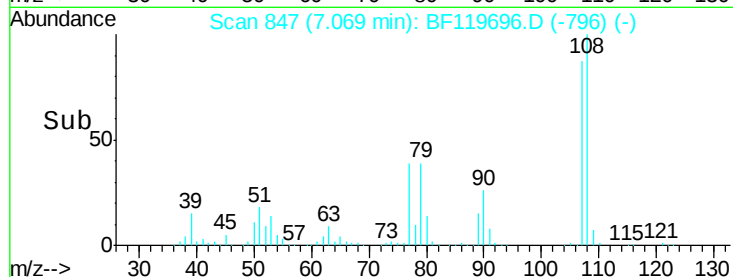


Abundance Ion 107.00 (106.70 to 107.70): E

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: 51.76 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

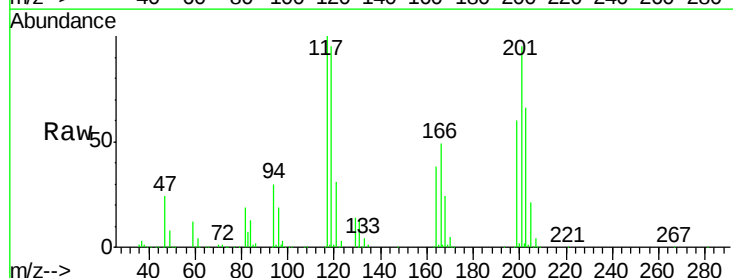
Tgt Ion:117 Resp: 296348

Ion Ratio Lower Upper

117 100

119 95.4 76.1 114.1

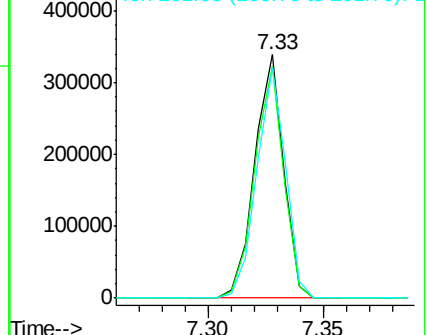
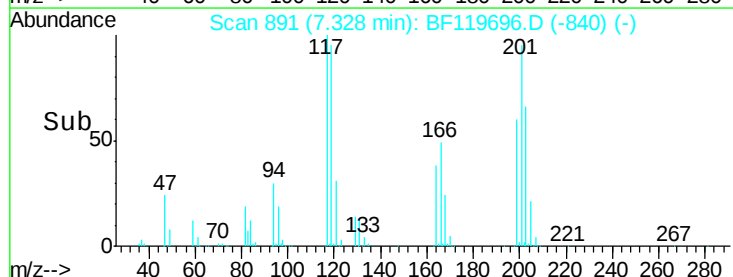
201 94.9 73.0 109.6

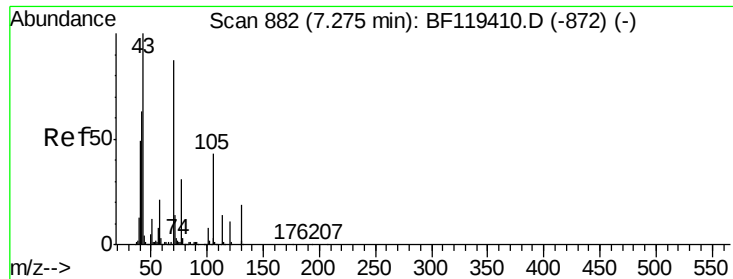


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

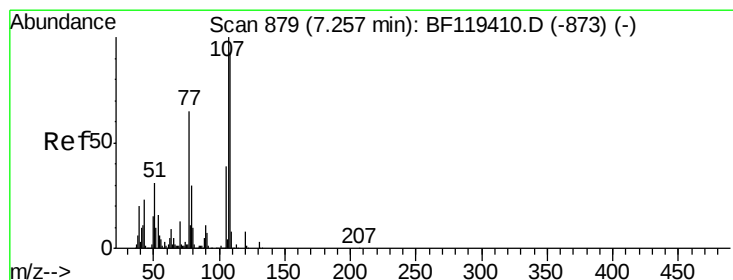
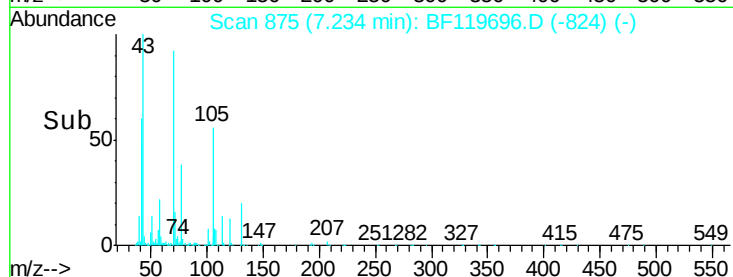
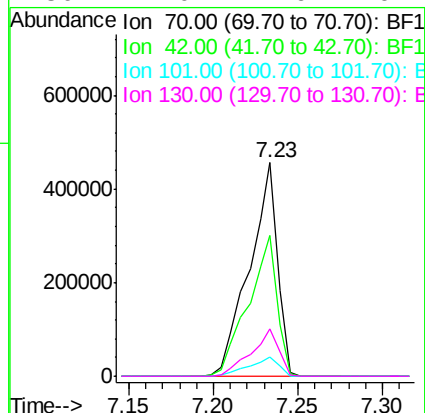
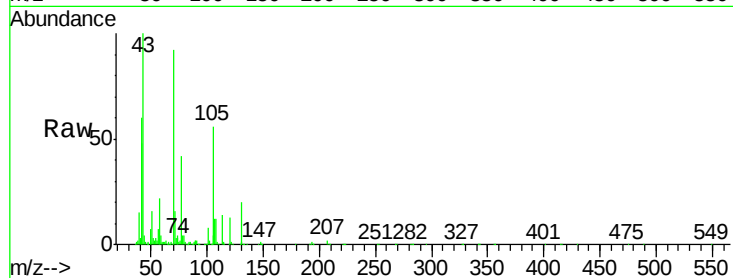




#19
n-Nitroso-di-n-propylamine
Concen: 50.09 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

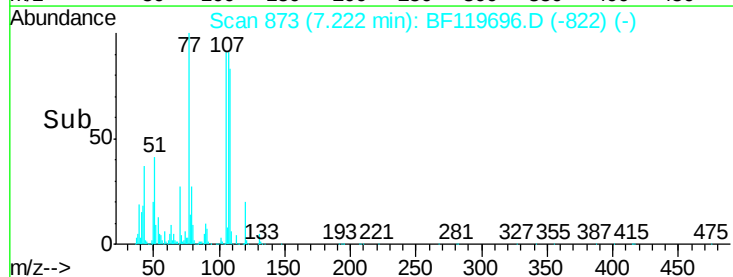
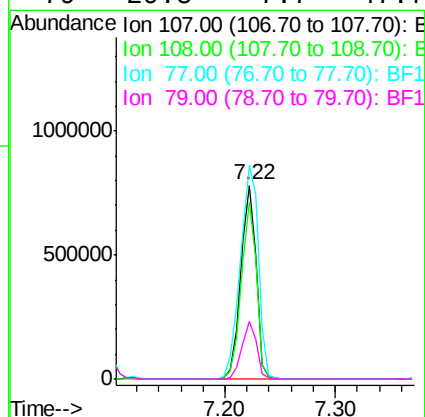
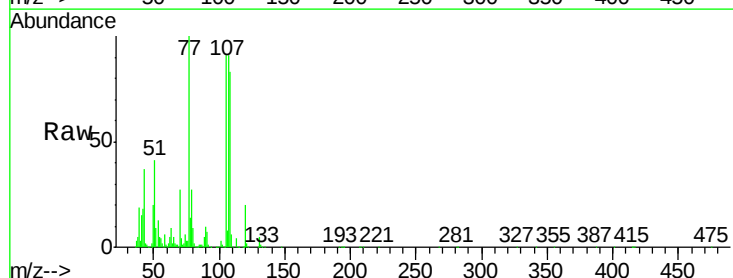
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

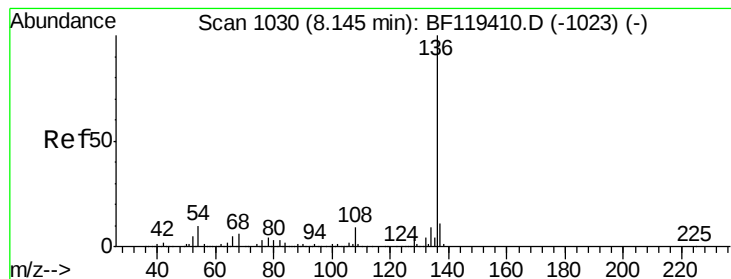
Tgt Ion:	70	Resp:	529961
Ion	Ratio	Lower	Upper
70	100		
42	65.7	54.5	81.7
101	9.1	7.6	11.4
130	22.0	17.6	26.4



#20
3+4-Methylphenols
Concen: 47.31 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:	107	Resp:	766753
Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.9	107.9
77	110.2	52.9	92.9
79	29.5	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: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

Tgt Ion:136 Resp: 859921

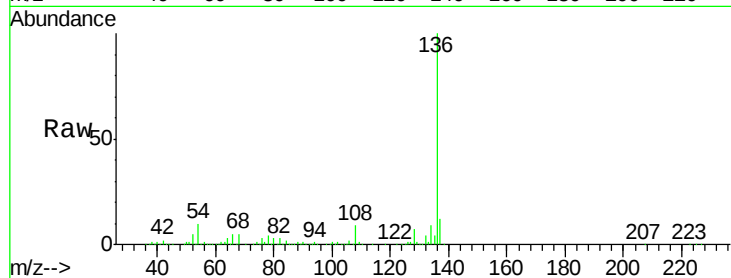
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 10.4 9.1 13.7

68 5.5 4.6 6.8

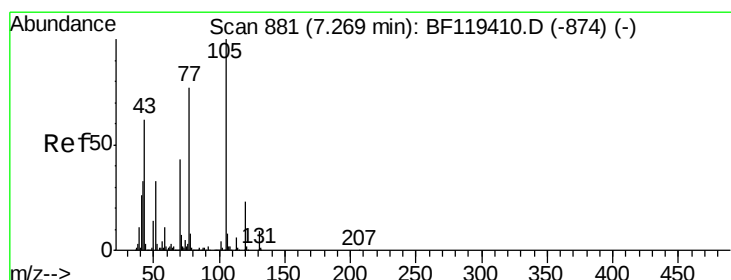
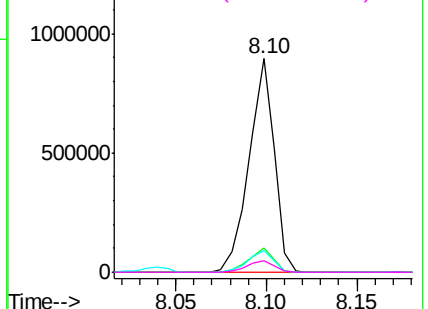
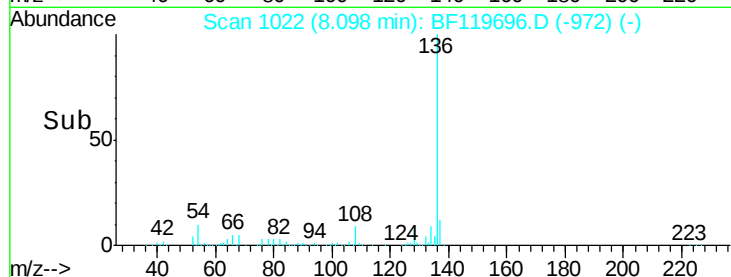


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.59 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Tgt Ion:105 Resp: 998366

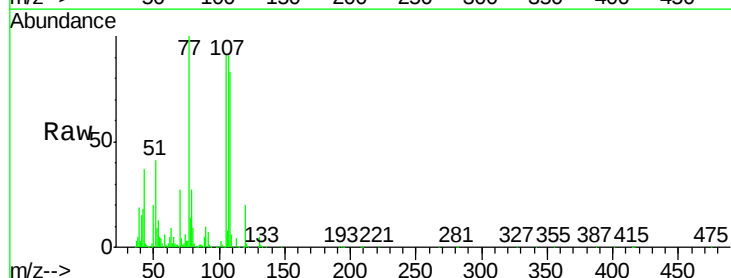
Ion Ratio Lower Upper

105 100

71 4.7 5.7 8.5#

51 45.5 26.2 39.4#

120 22.3 18.3 27.5

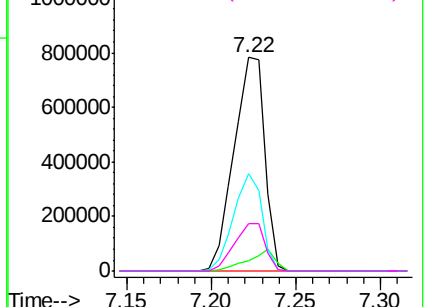
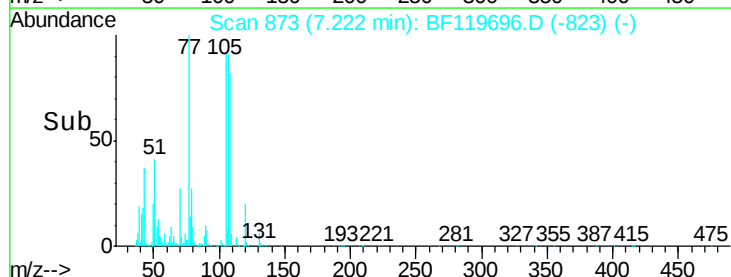


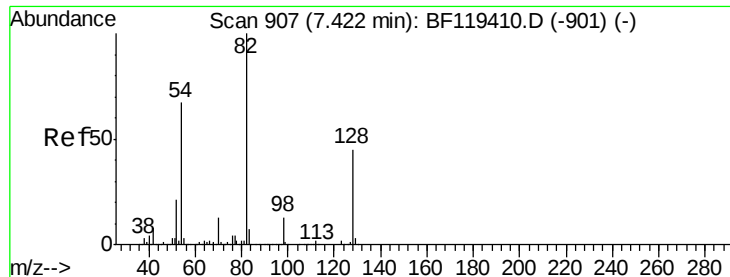
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.71 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

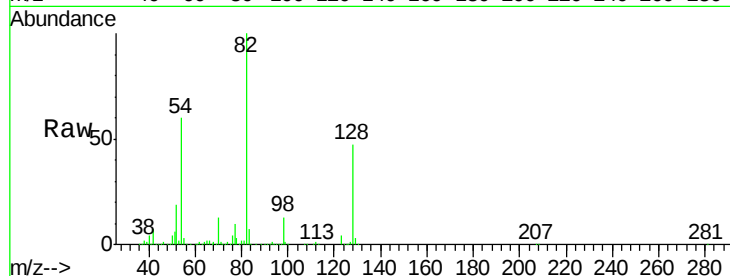
Tgt Ion: 82 Resp: 1340315

Ion Ratio Lower Upper

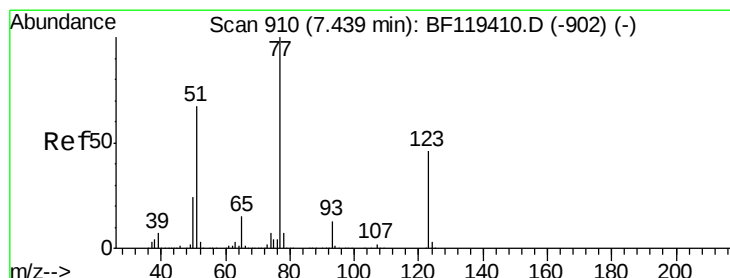
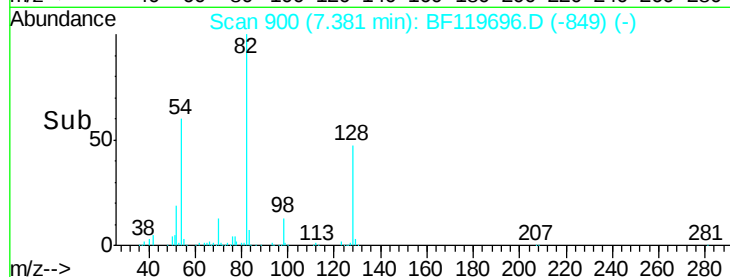
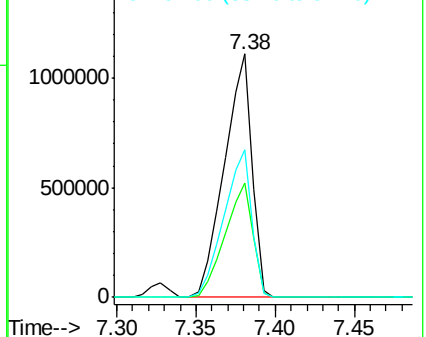
82 100

128 46.8 36.3 54.5

54 60.5 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 48.56 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

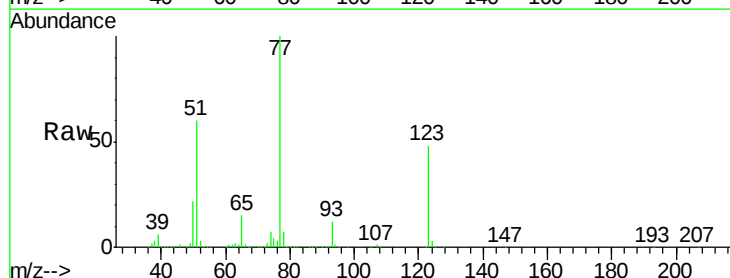
Tgt Ion: 77 Resp: 821138

Ion Ratio Lower Upper

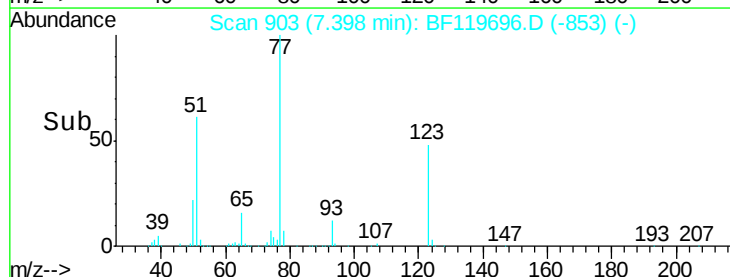
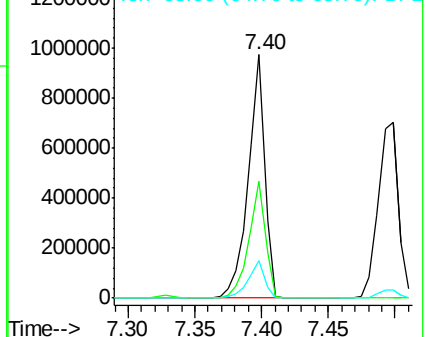
77 100

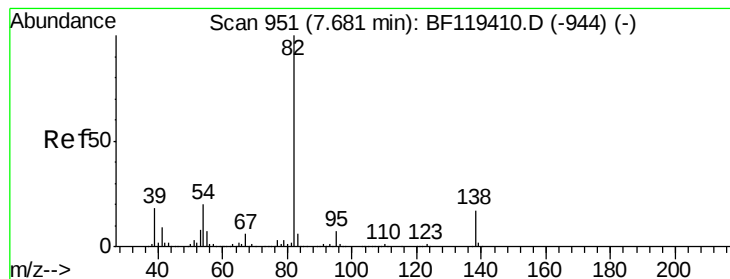
123 48.1 38.0 57.0

65 15.2 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.68 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

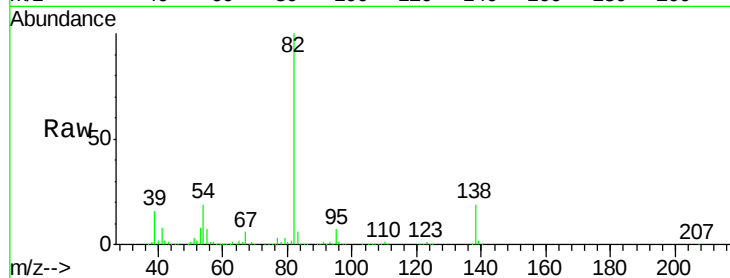
Tgt Ion: 82 Resp: 1530244

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

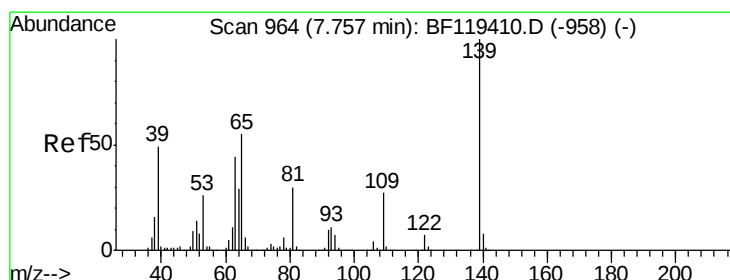
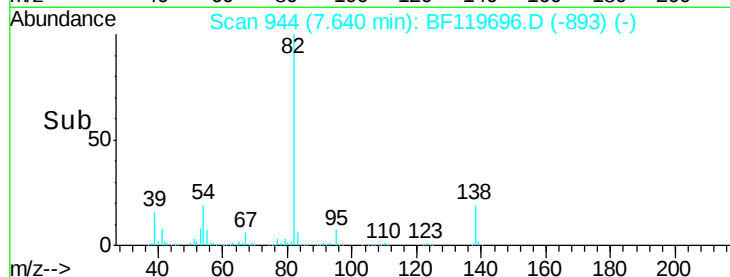
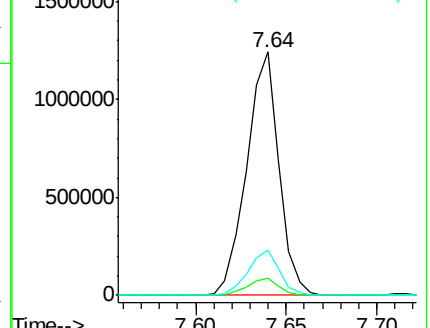
138 18.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 64.19 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

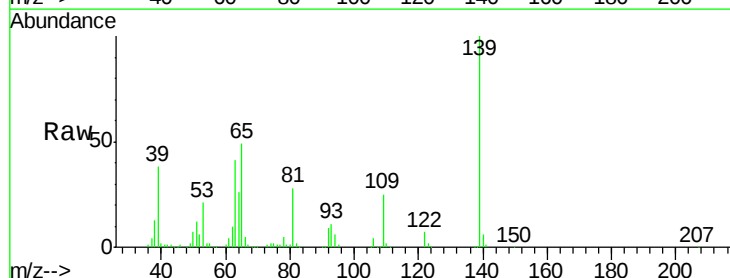
Tgt Ion: 139 Resp: 427359

Ion Ratio Lower Upper

139 100

109 24.6 22.1 33.1

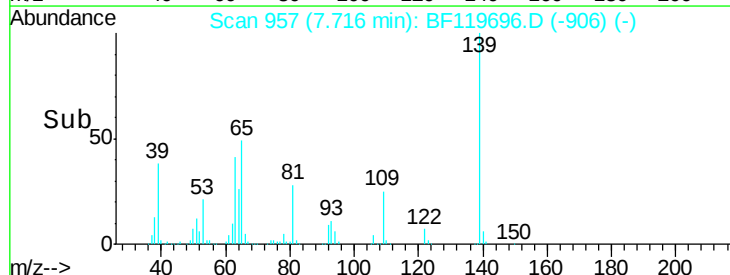
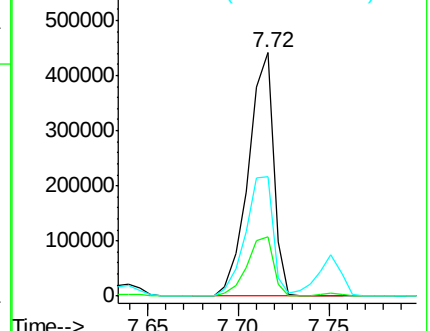
65 49.1 49.2 73.8#

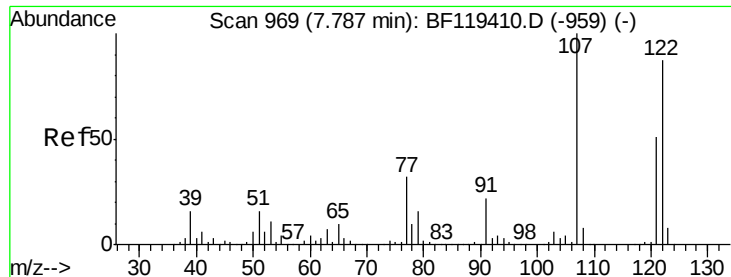


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

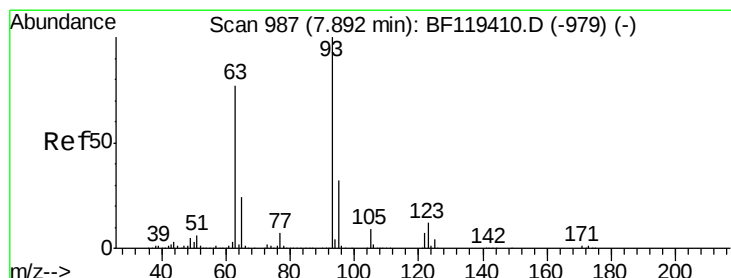
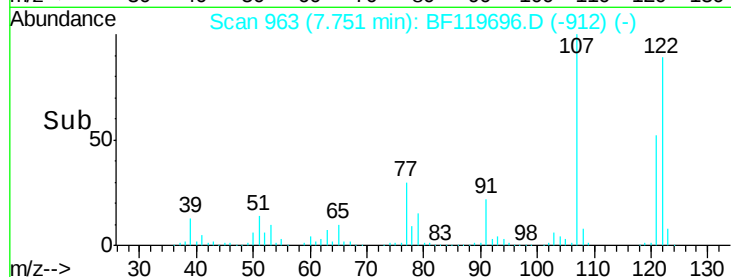
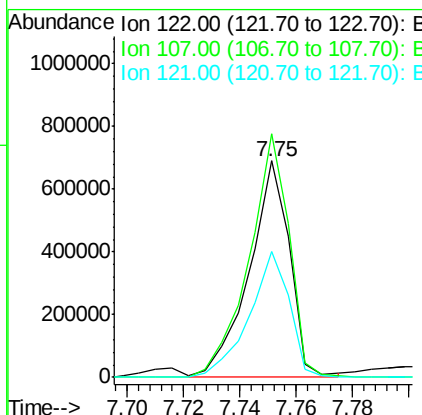
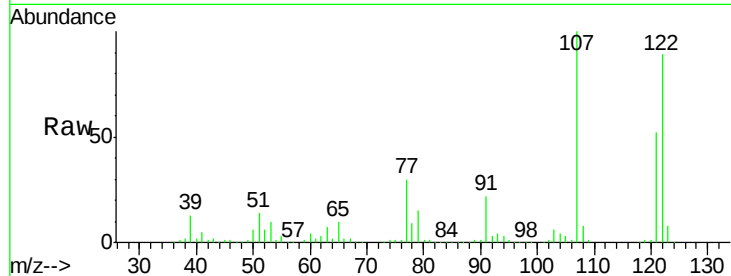




#27
 2,4-Dimethylphenol
 Concen: 49.59 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

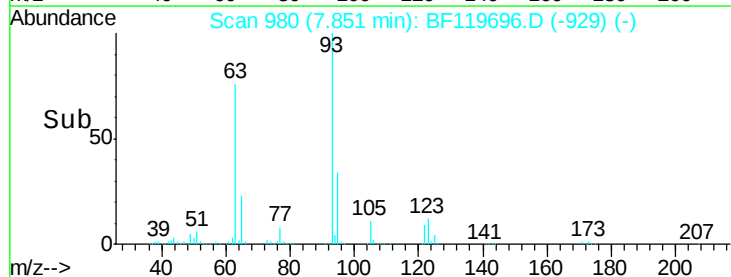
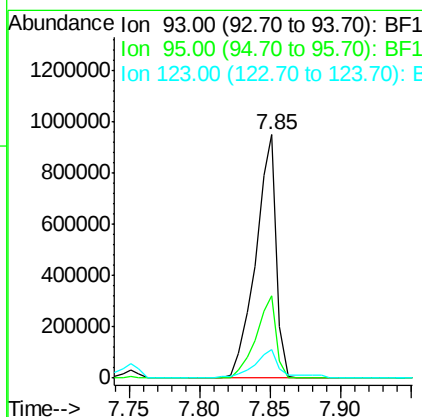
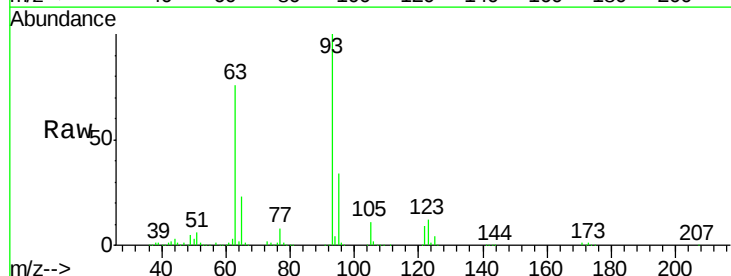
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

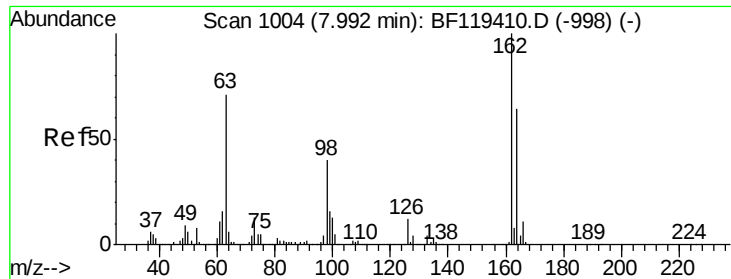
Tgt Ion:122 Resp: 682708
 Ion Ratio Lower Upper
 122 100
 107 112.6 89.0 133.6
 121 58.2 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.32 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion: 93 Resp: 974031
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.3 39.5
 123 11.9 9.7 14.5

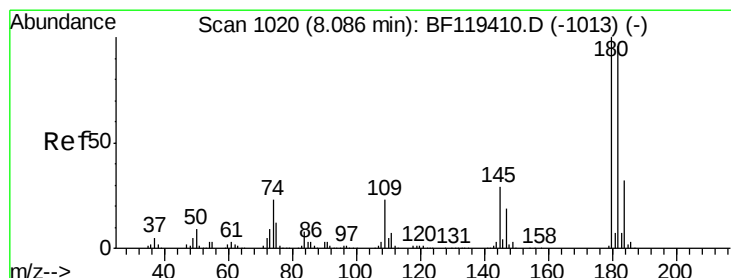
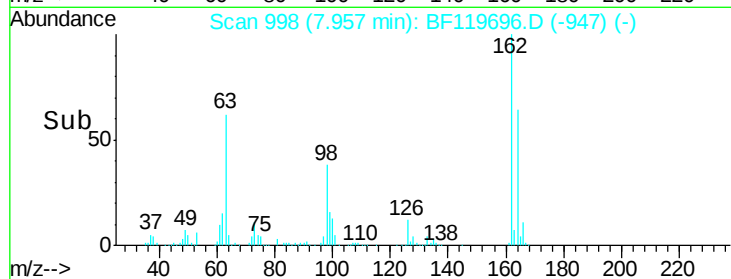
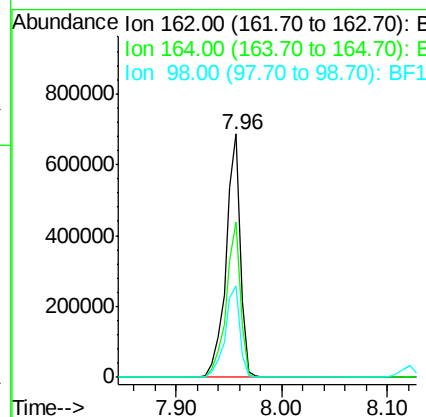
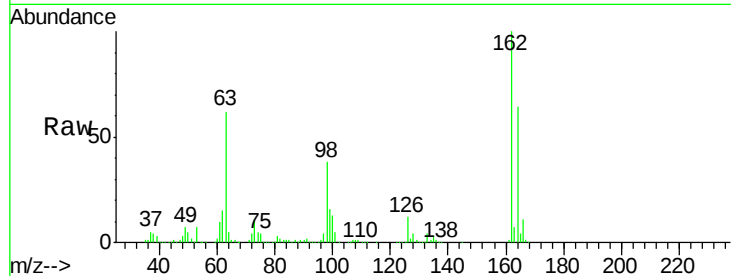




#29
 2,4-Dichlorophenol
 Concen: 51.79 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

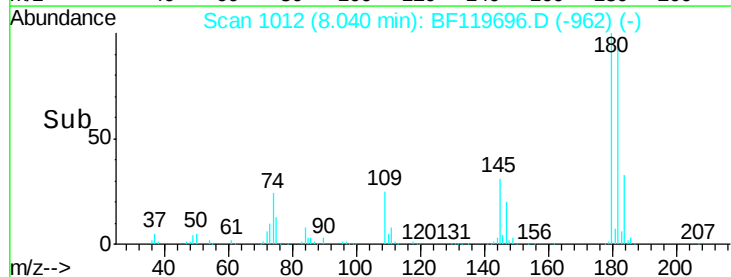
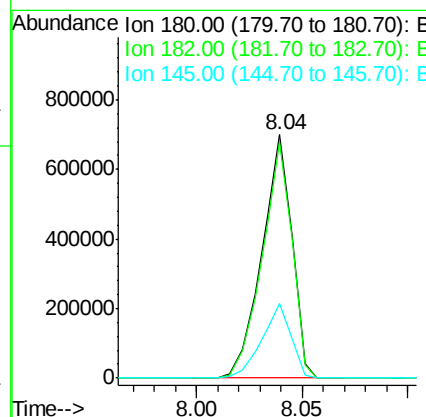
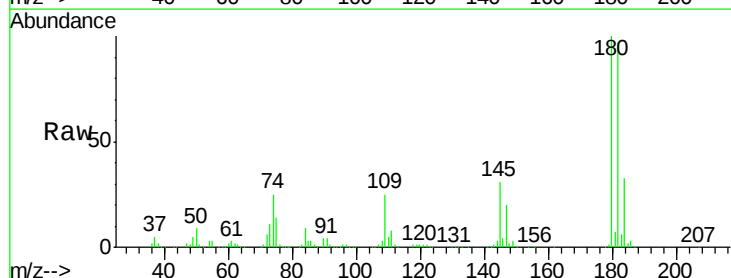
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

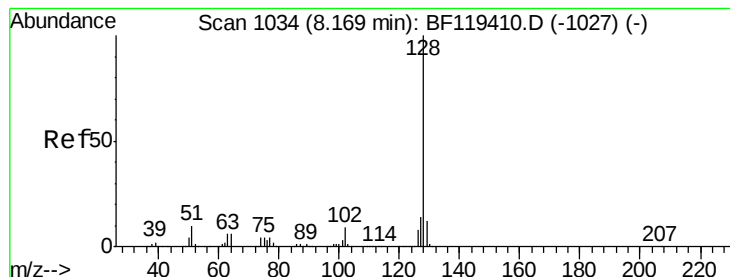
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.7	84.7
98	37.6	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 49.35 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.7	112.1
145	30.8	24.5	36.7

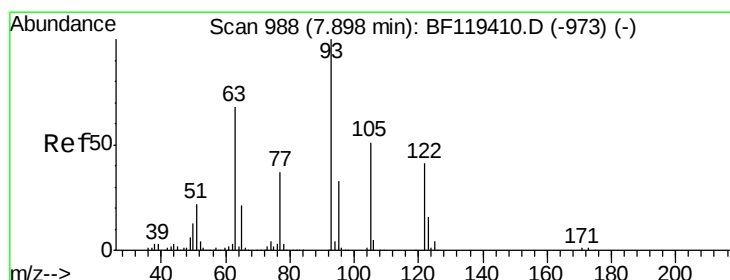
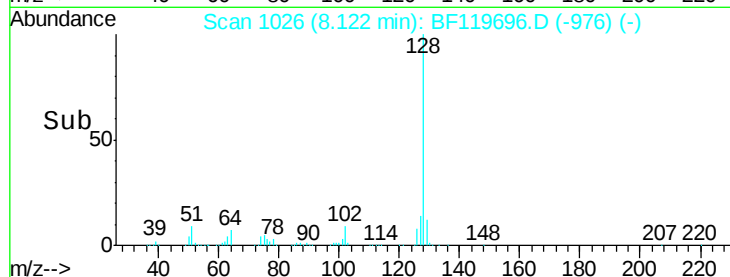
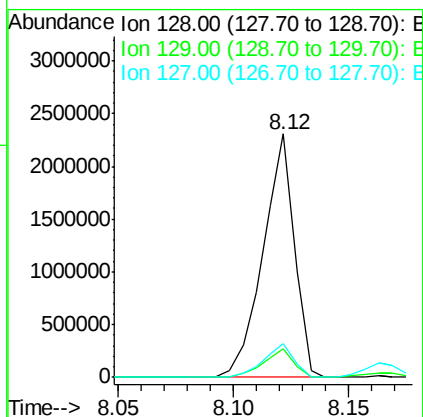
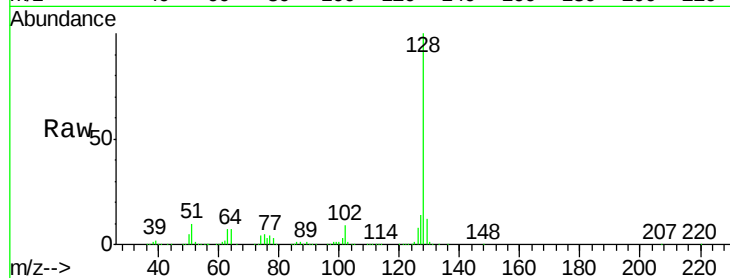




#31
Naphthalene
Concen: 49.30 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

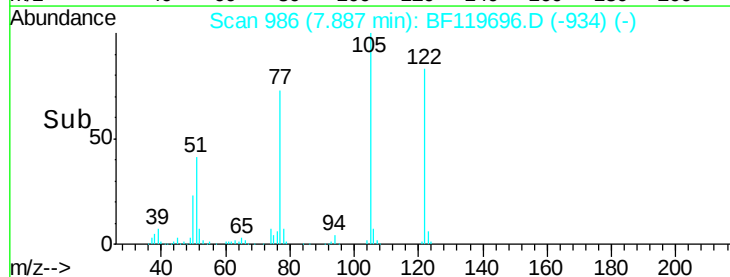
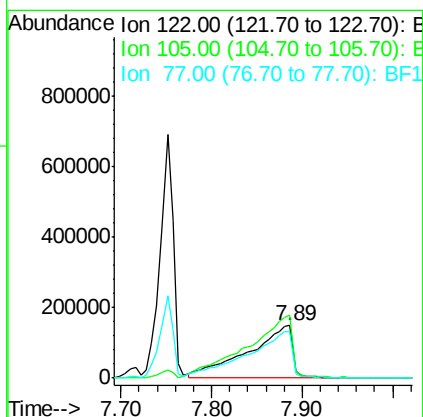
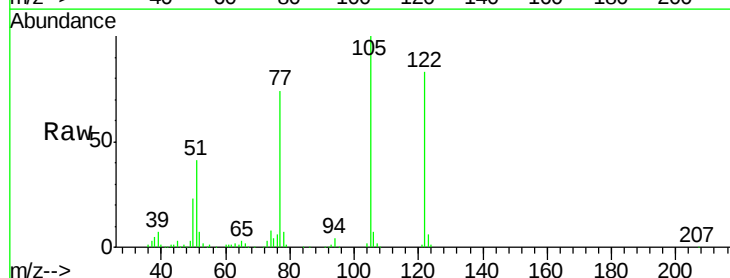
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

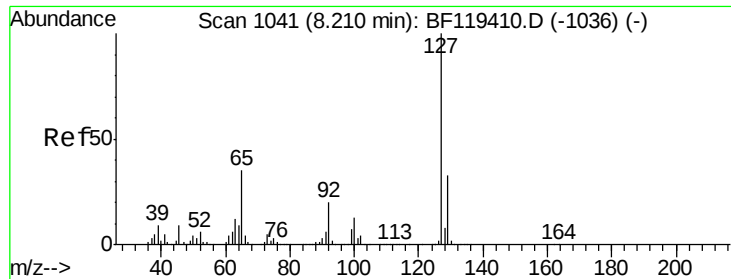
Tgt Ion:128 Resp: 2181614
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 56.66 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:122 Resp: 501779
Ion Ratio Lower Upper
122 100
105 120.2 104.9 144.9
77 88.7 74.4 114.4

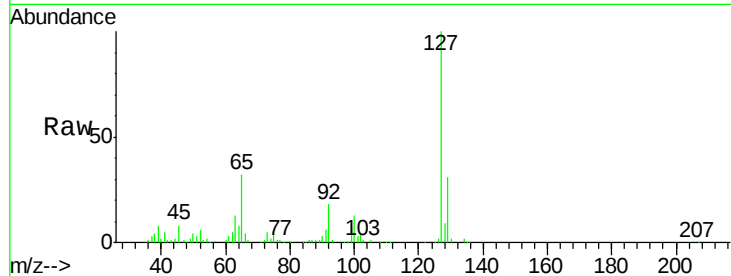




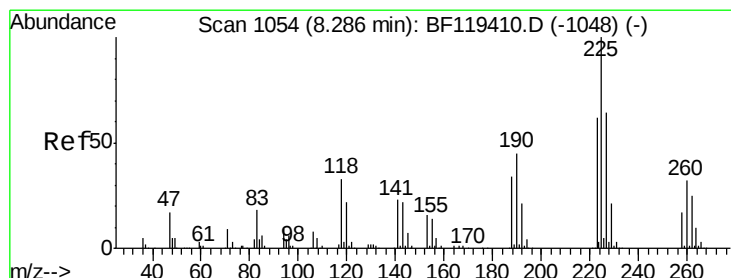
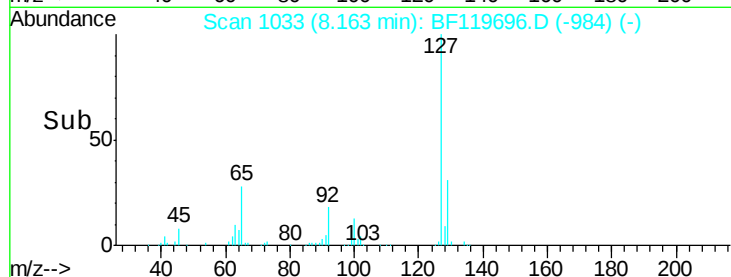
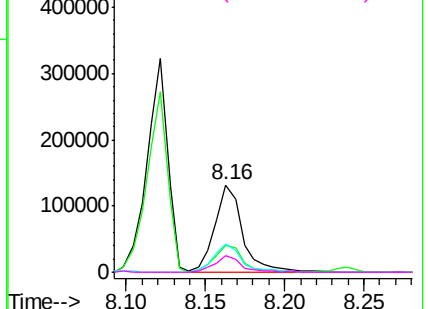
#33
4-Chloroaniline
Concen: 7.95 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

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

Tgt Ion:	127	Resp:	161121
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	32.1	27.4	41.0
92	18.3	15.3	22.9

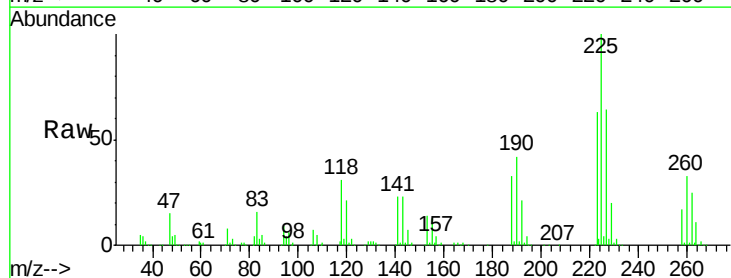


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

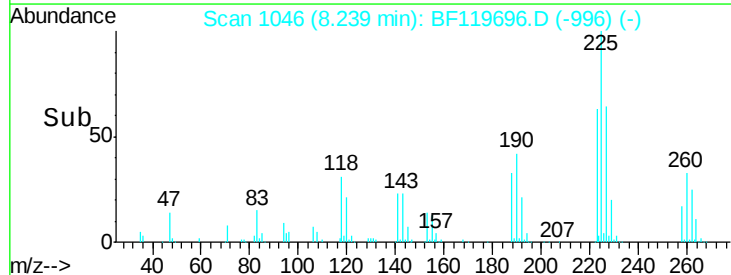
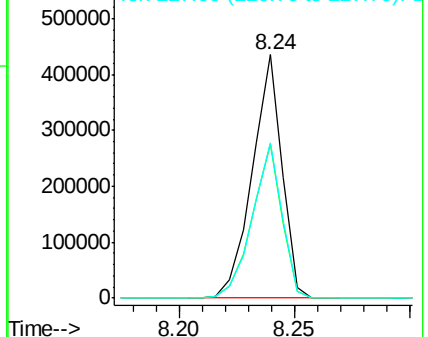


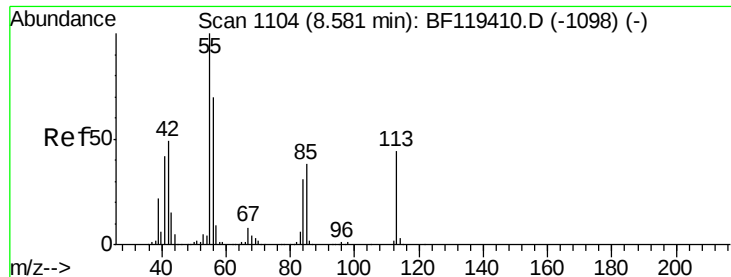
#34
Hexachlorobutadiene
Concen: 49.96 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:	225	Resp:	391051
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.8	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

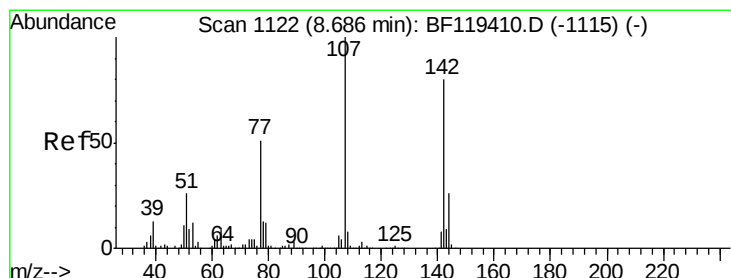
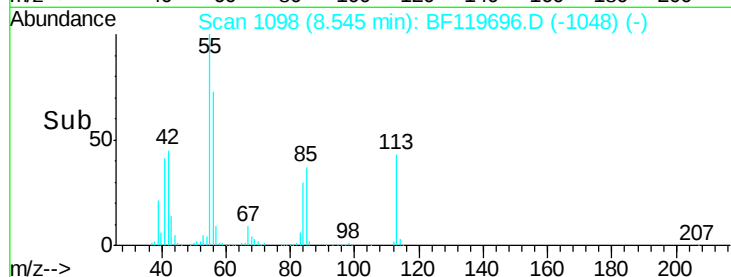
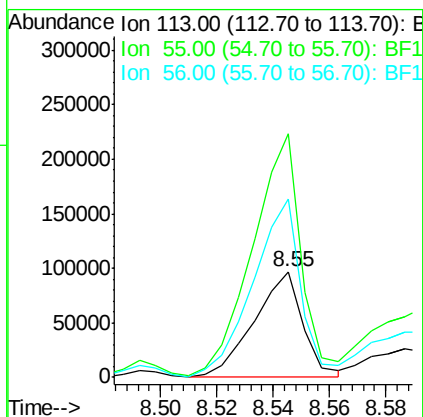
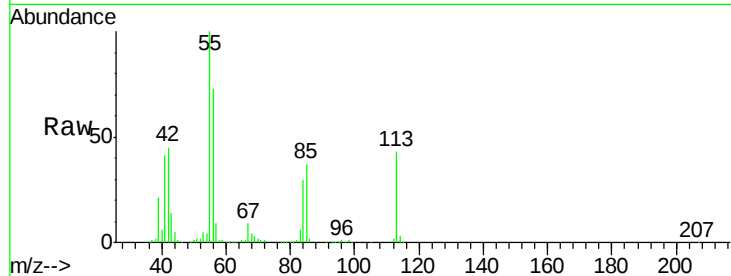




#35
 Caprolactam
 Concen: 27.79 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

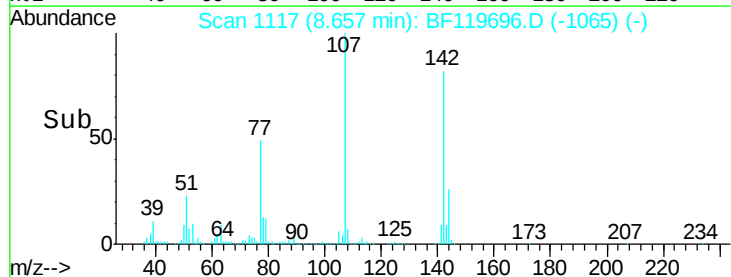
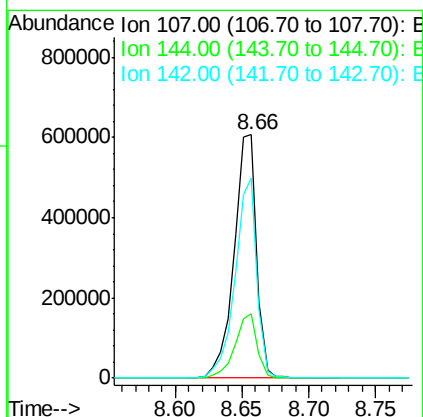
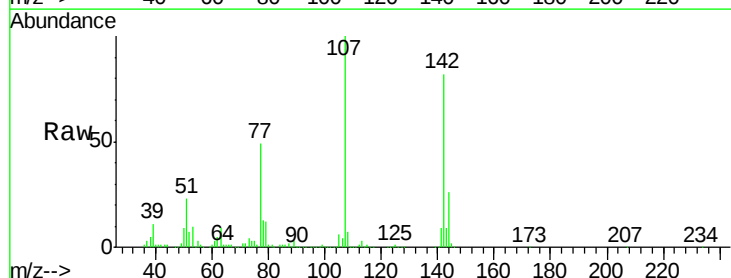
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

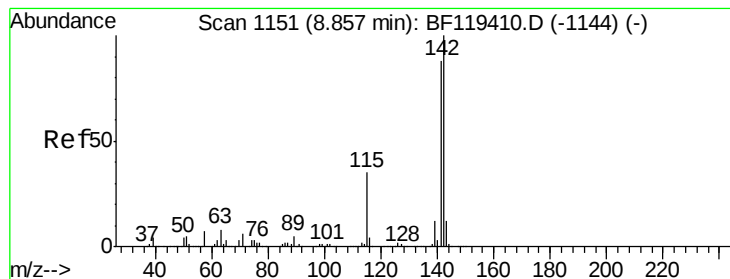
Tgt Ion:113 Resp: 115034
 Ion Ratio Lower Upper
 113 100
 55 231.1 218.4 258.4
 56 168.8 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.07 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:107 Resp: 719838
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.0 31.6
 142 82.2 64.4 96.6





#37

2-Methylnaphthalene

Concen: 52.38 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

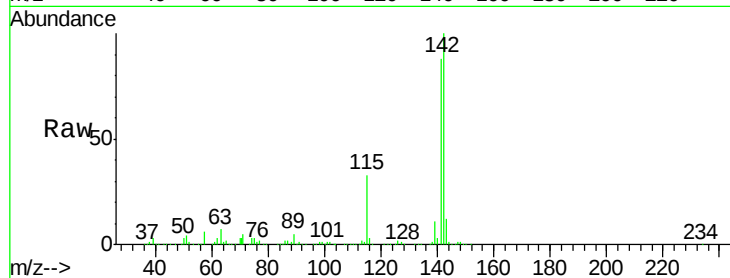
Tgt Ion:142 Resp: 1521359

Ion Ratio Lower Upper

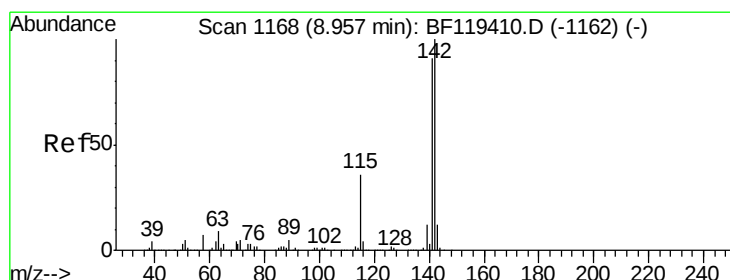
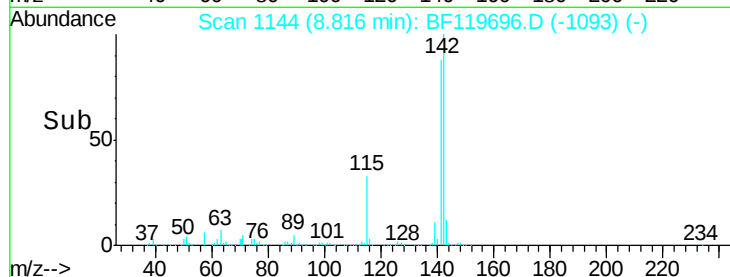
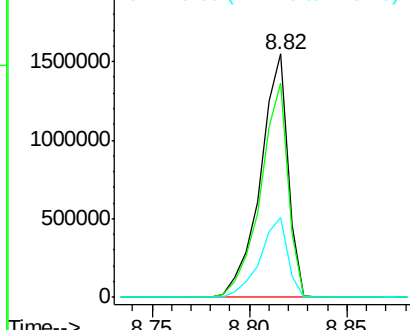
142 100

141 87.9 71.7 107.5

115 32.8 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: 52.12 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

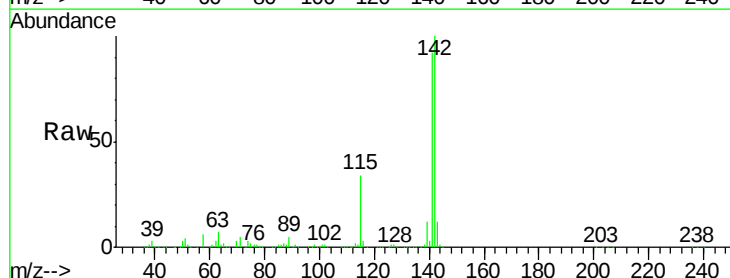
Tgt Ion:142 Resp: 1432856

Ion Ratio Lower Upper

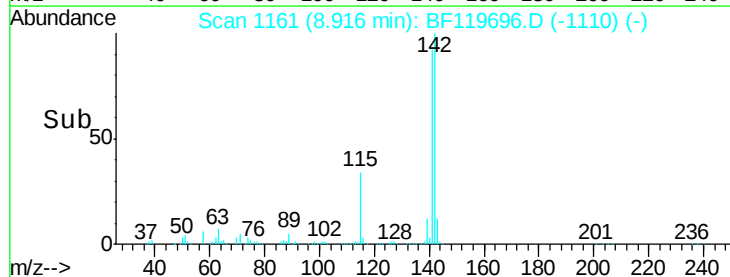
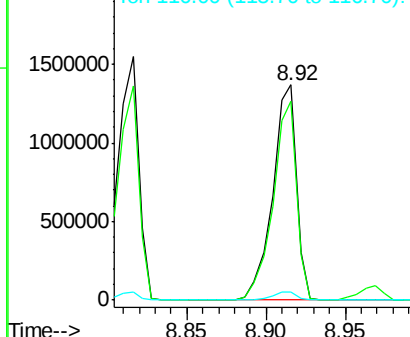
142 100

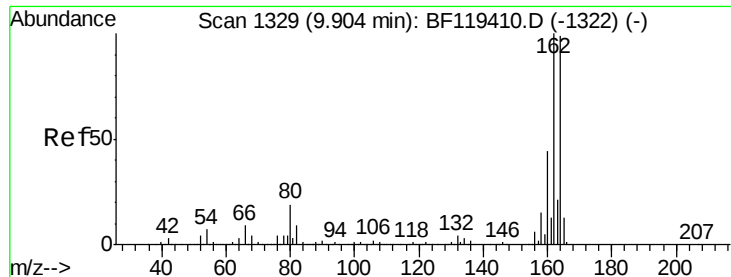
141 92.3 73.7 110.5

116 3.5 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

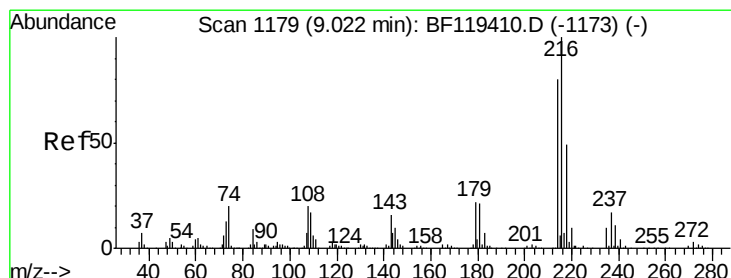
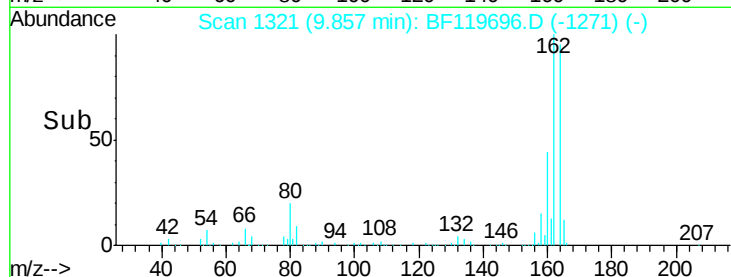
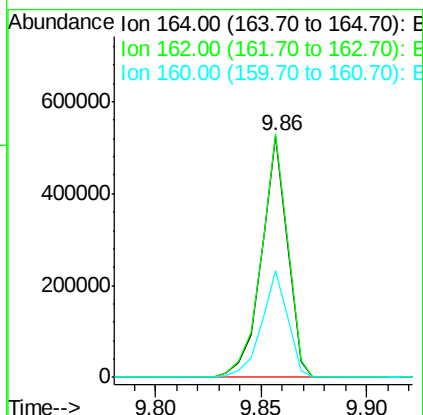
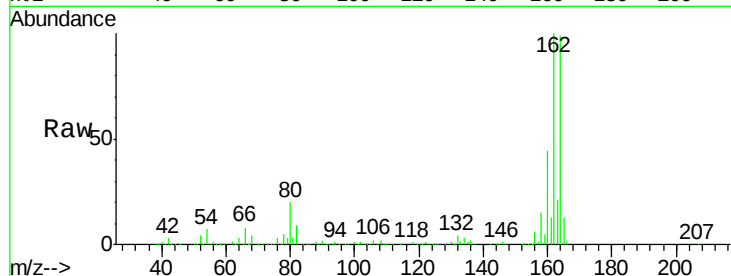




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

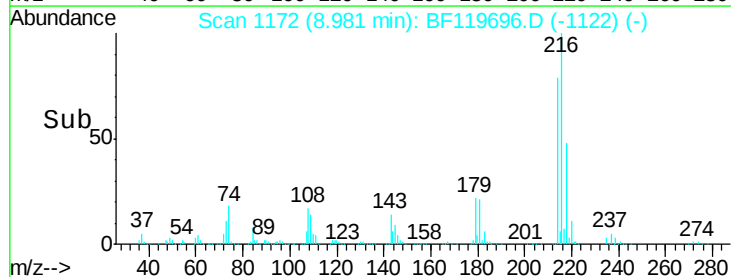
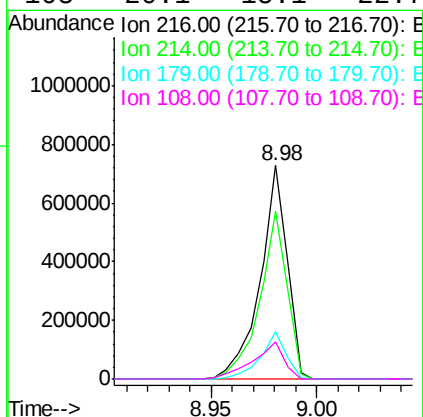
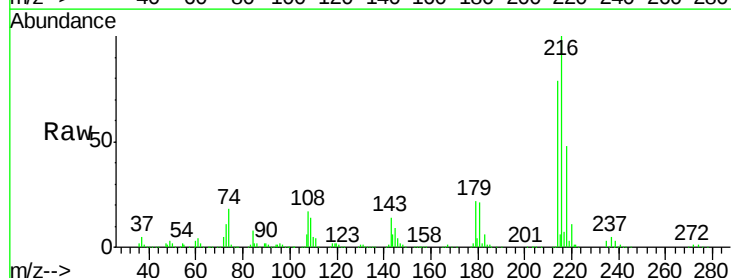
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

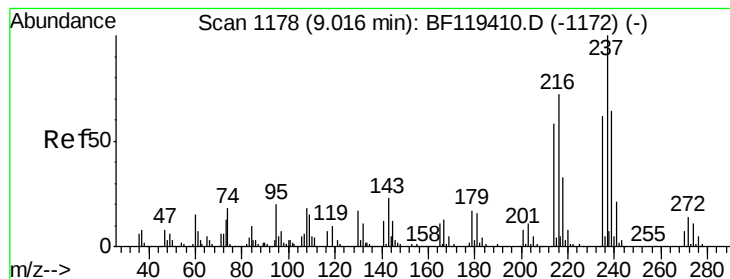
Tgt Ion:164 Resp: 451271
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 121.0
 160 44.3 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.89 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:216 Resp: 646680
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.2 94.8
 179 21.3 17.1 25.7
 108 20.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 99.71 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

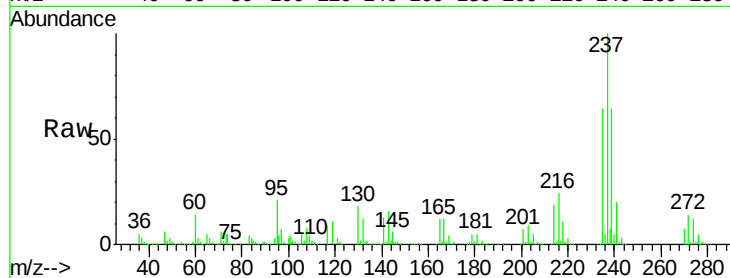
Tgt Ion: 237 Resp: 749796

Ion Ratio Lower Upper

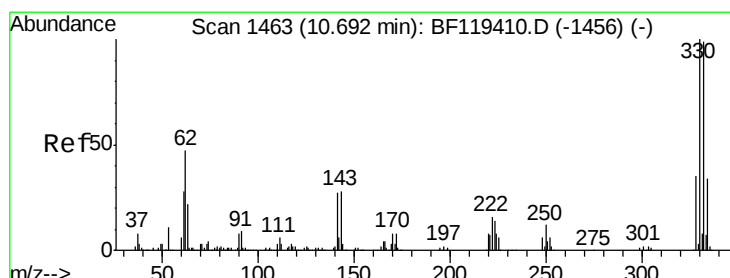
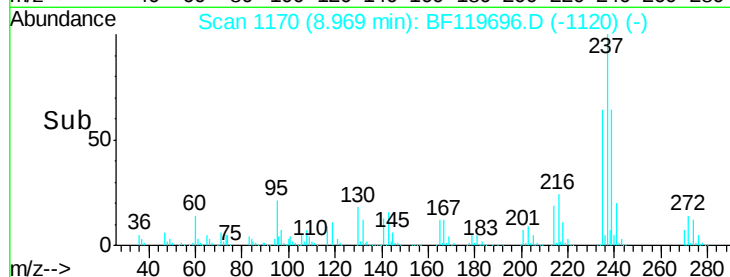
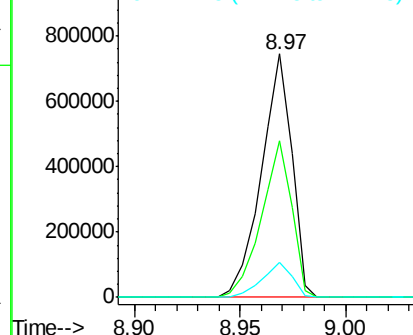
237 100

235 64.4 43.2 83.2

272 14.3 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: 136.43 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

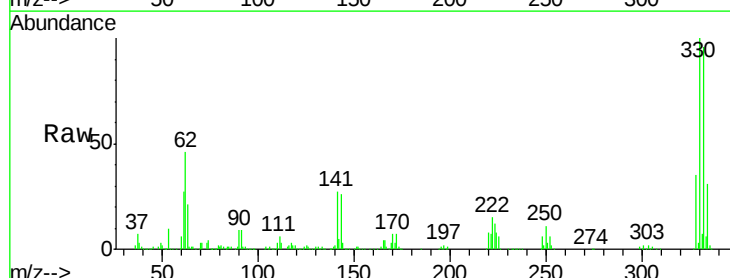
Tgt Ion: 330 Resp: 635160

Ion Ratio Lower Upper

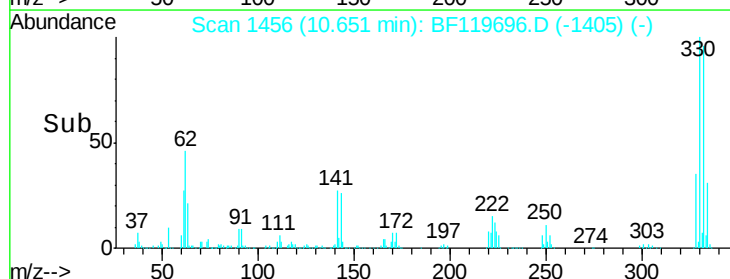
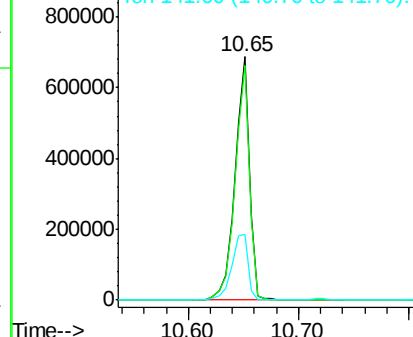
330 100

332 95.9 75.7 113.5

141 30.5 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

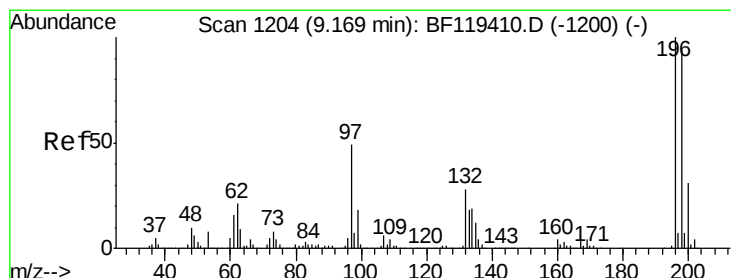
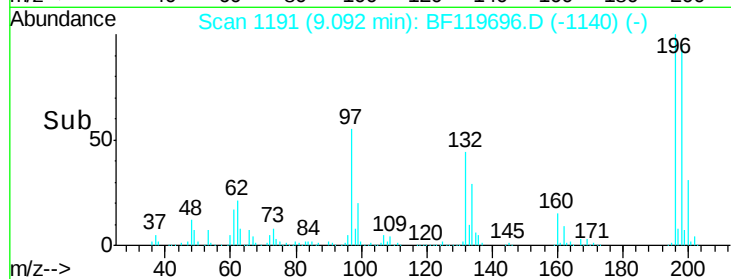
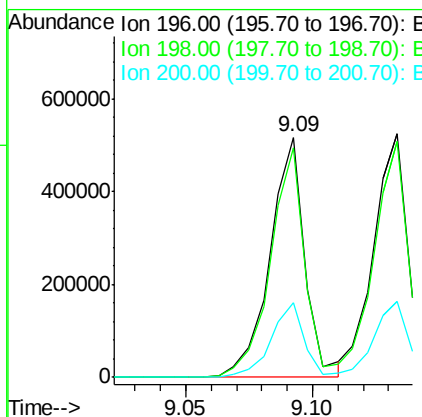
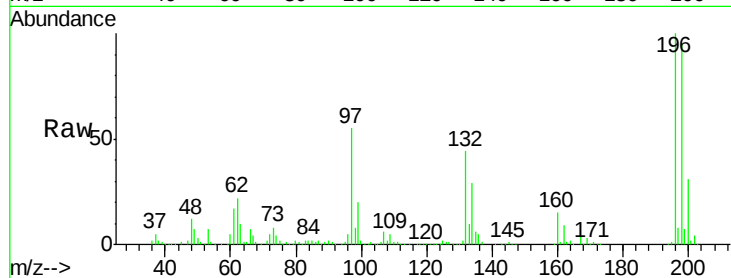




#43
 2,4,6-Trichlorophenol
 Concen: 52.76 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

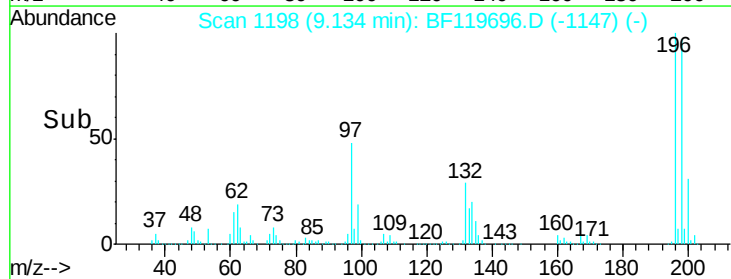
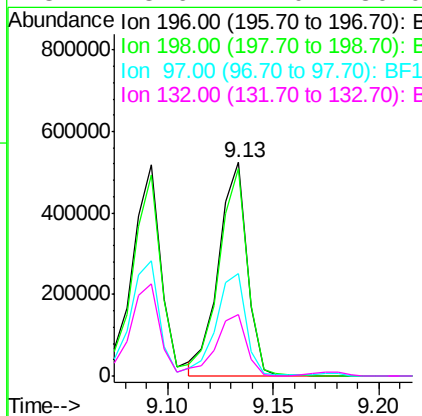
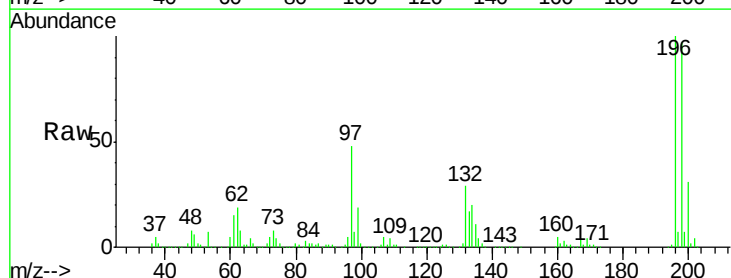
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

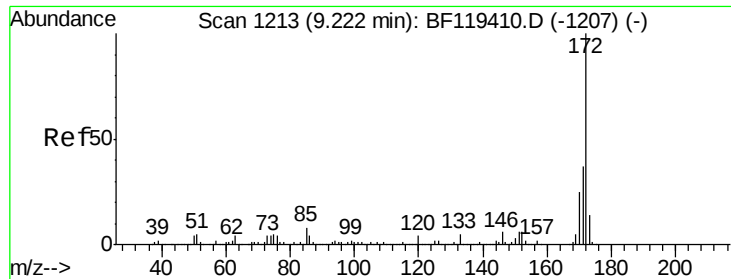
Tgt Ion:196 Resp: 499446
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 30.9 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.48 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:196 Resp: 492893
 Ion Ratio Lower Upper
 196 100
 198 96.8 73.8 110.8
 97 47.7 42.6 63.8
 132 28.6 24.0 36.0

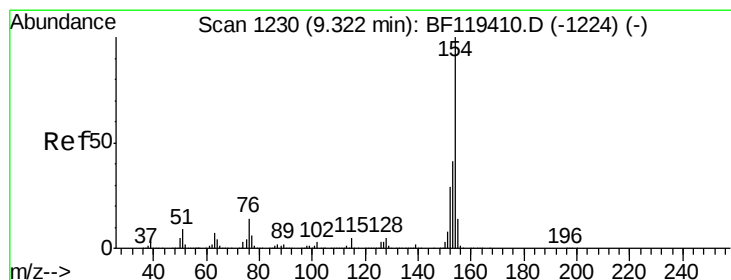
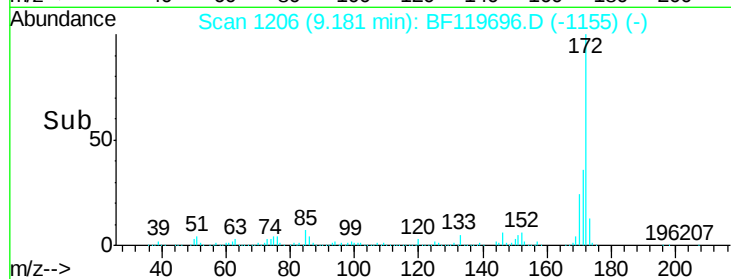
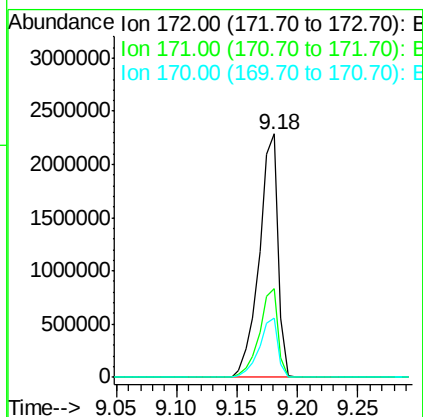
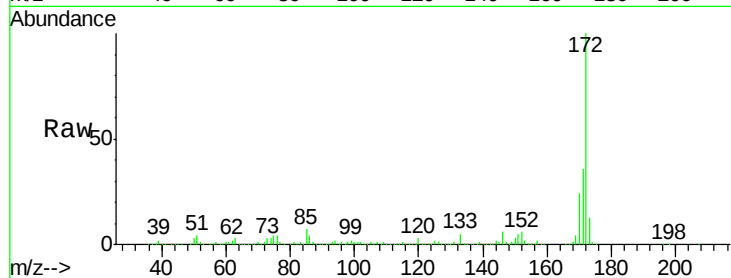




#45
 2-Fluorobiphenyl
 Concen: 81.44 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

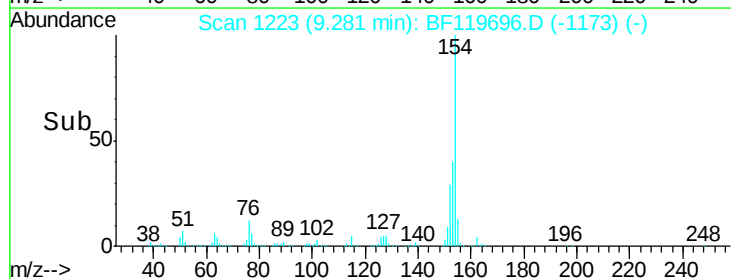
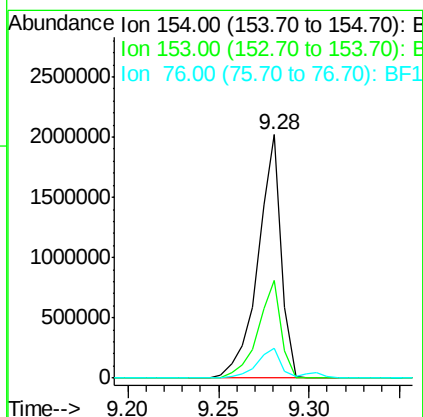
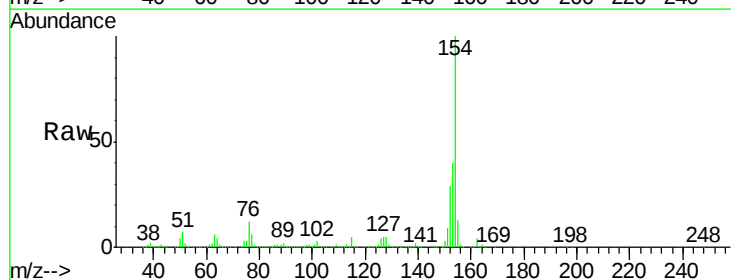
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

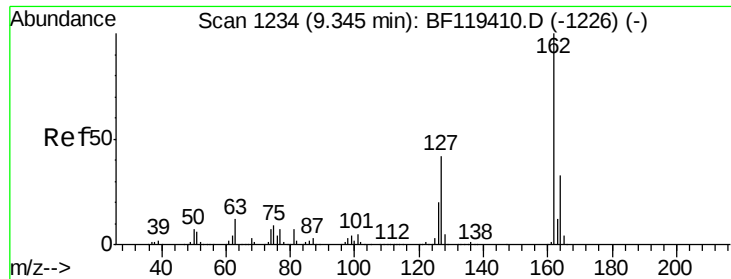
Tgt Ion:172 Resp: 2480698
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 48.60 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:154 Resp: 1786261
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.4 61.4
 76 12.5 0.0 33.0

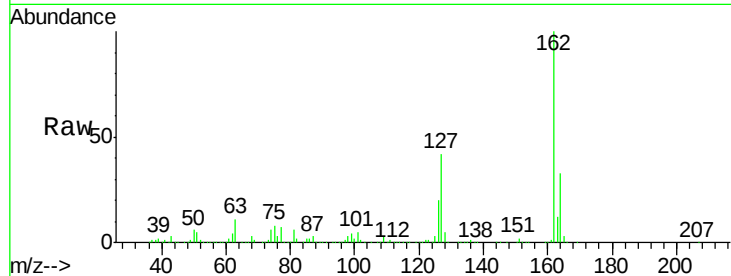




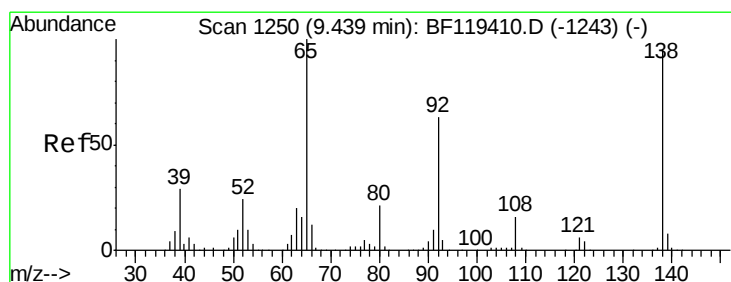
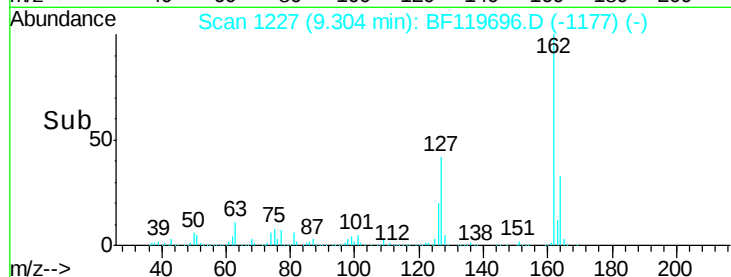
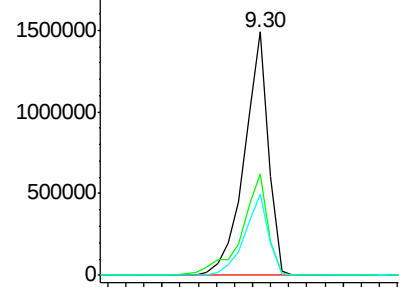
#47
2-Chloronaphthalene
Concen: 47.52 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

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

Tgt Ion: 162 Resp: 1368052
Ion Ratio Lower Upper
162 100
127 41.8 33.7 50.5
164 33.3 26.3 39.5

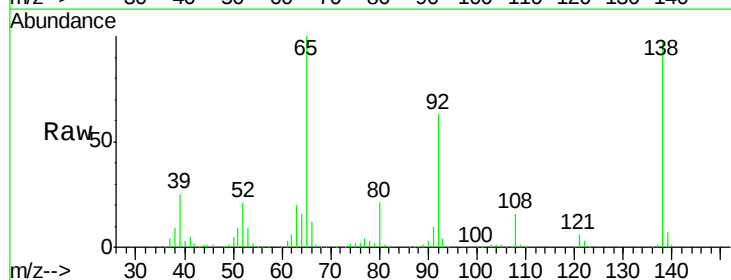


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

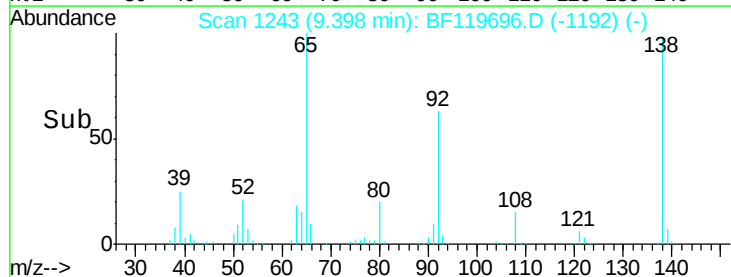
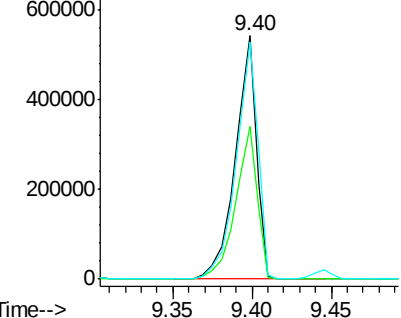


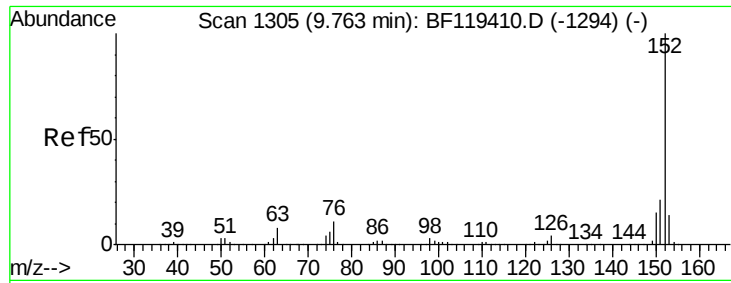
#48
2-Nitroaniline
Concen: 50.34 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion: 65 Resp: 500257
Ion Ratio Lower Upper
65 100
92 62.5 50.0 75.0
138 97.3 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: 48.99 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

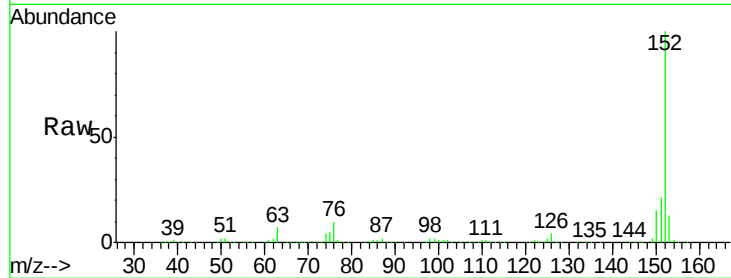
Tgt Ion:152 Resp: 2215008

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

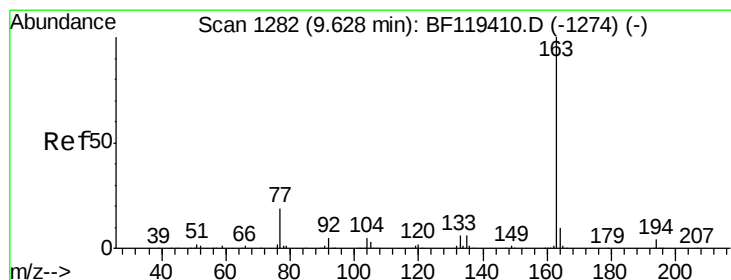
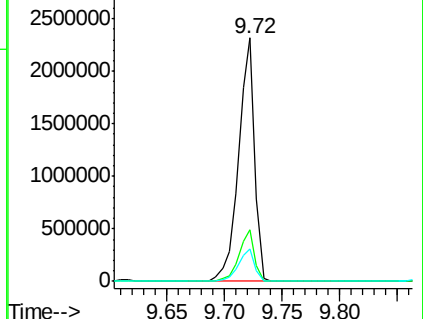
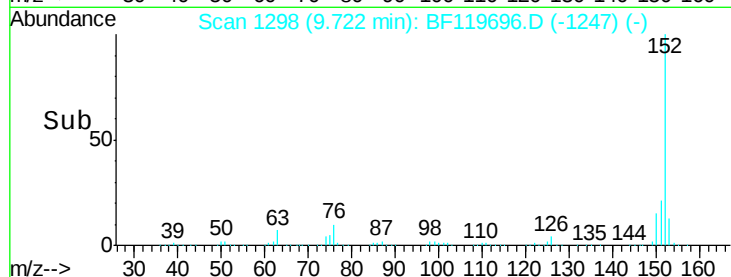
153 13.5 11.2 16.8



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: 60.94 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

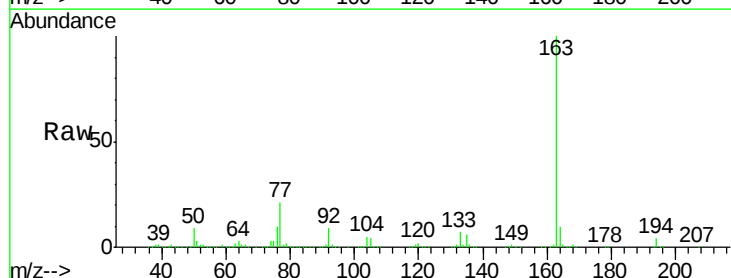
Tgt Ion:163 Resp: 1953296

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

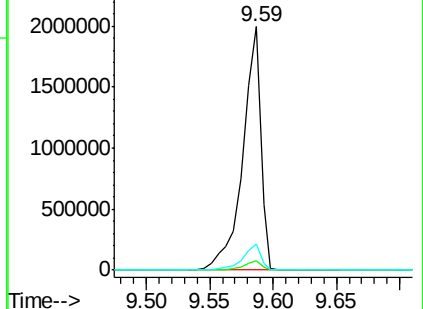
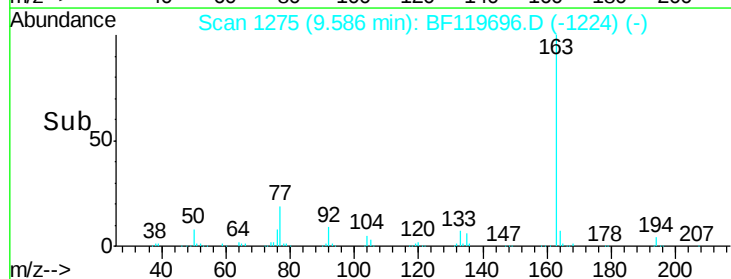
164 10.5 8.2 12.2

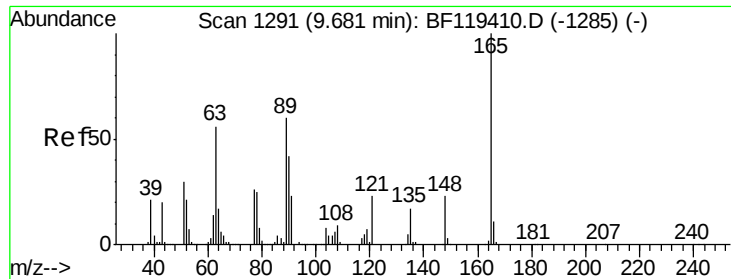


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

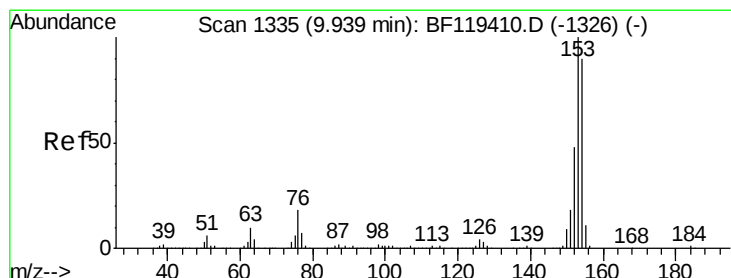
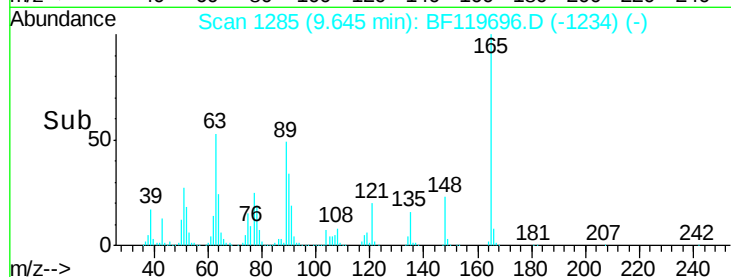
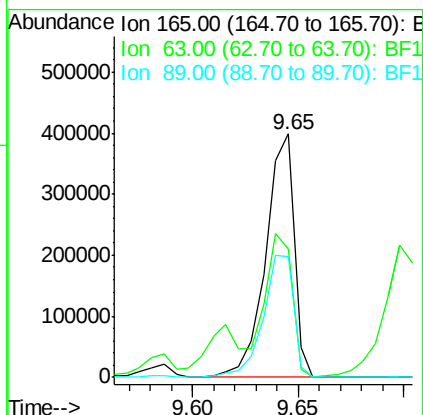
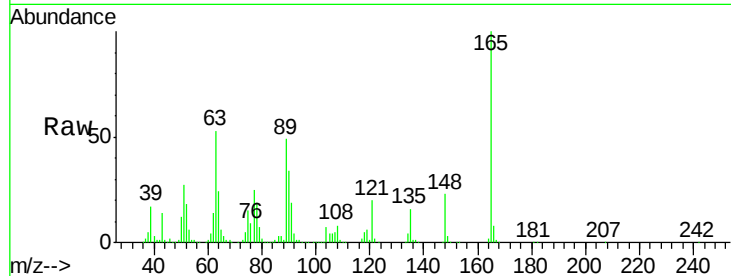




#51
2,6-Dinitrotoluene
Concen: 54.58 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

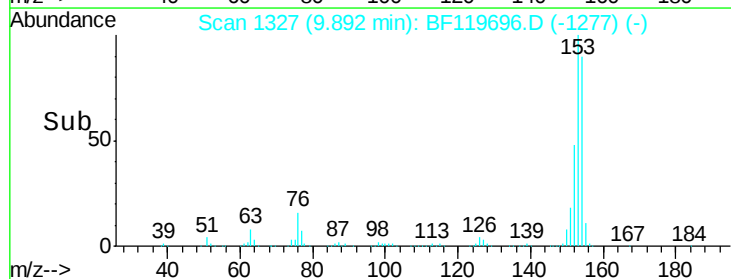
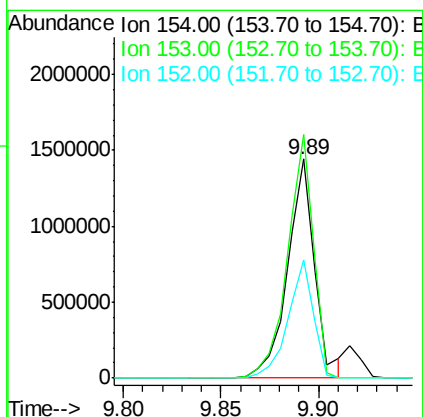
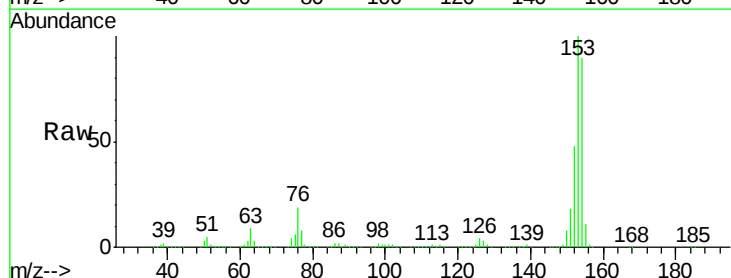
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

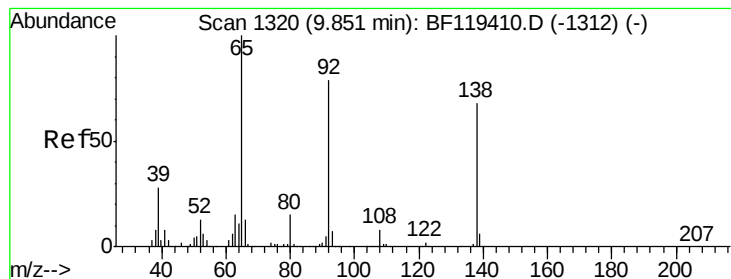
Tgt Ion:165 Resp: 375001
Ion Ratio Lower Upper
165 100
63 52.8 45.0 67.4
89 49.4 41.5 62.3



#52
Acenaphthene
Concen: 49.02 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:154 Resp: 1381591
Ion Ratio Lower Upper
154 100
153 111.1 88.1 132.1
152 53.7 43.0 64.4





#53

3-Nitroaniline

Concen: 18.71 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

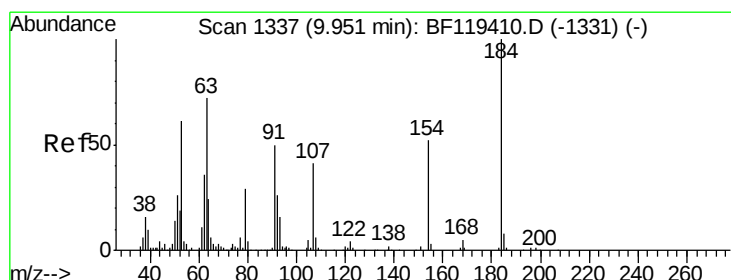
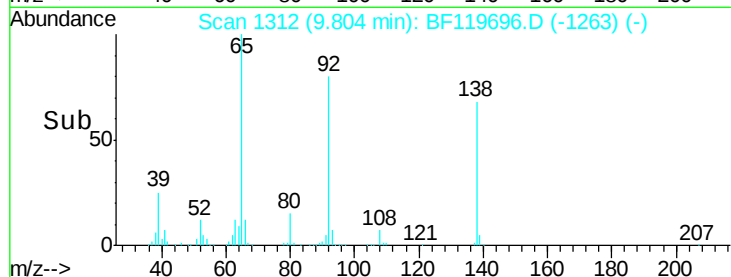
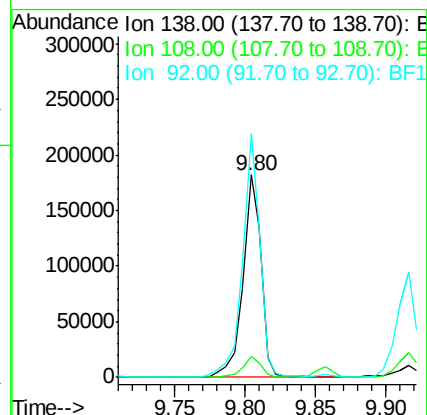
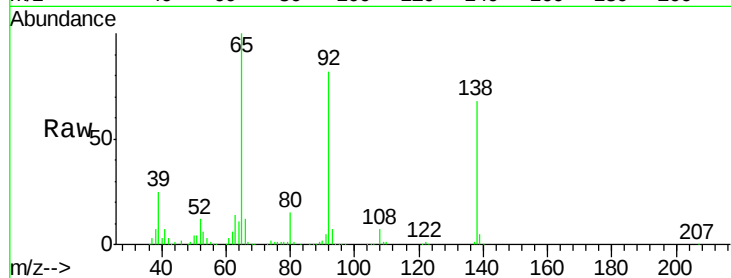
Tgt Ion:138 Resp: 162262

Ion Ratio Lower Upper

138 100

108 10.3 8.6 13.0

92 120.5 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 114.49 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

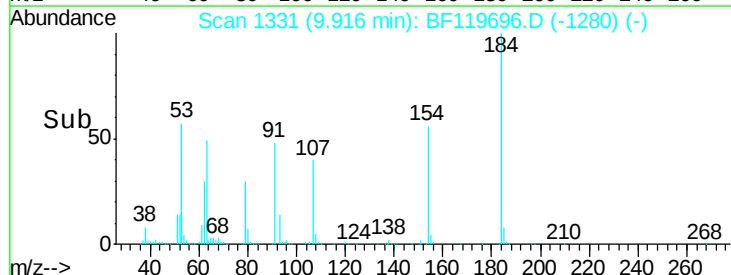
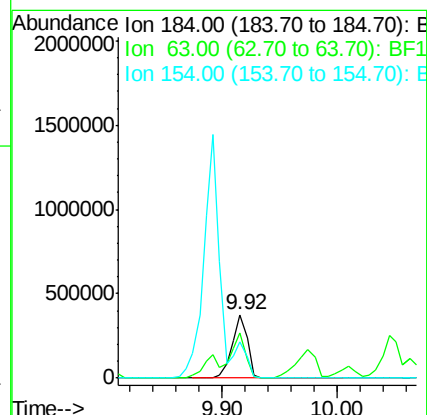
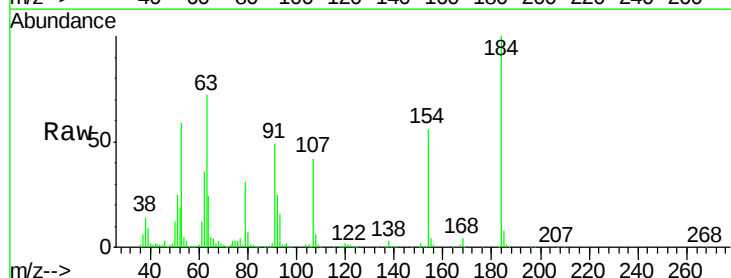
Tgt Ion:184 Resp: 350638

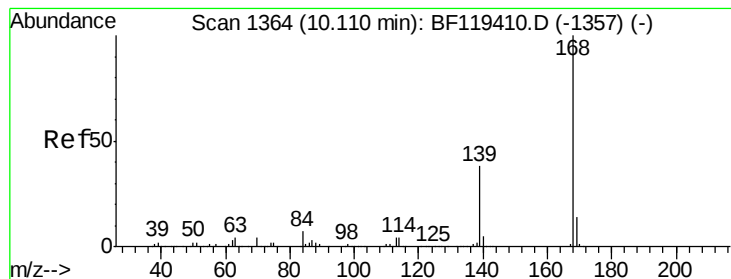
Ion Ratio Lower Upper

184 100

63 71.9 50.2 75.4

154 56.5 44.5 66.7





#55

Dibenzofuran

Concen: 49.09 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

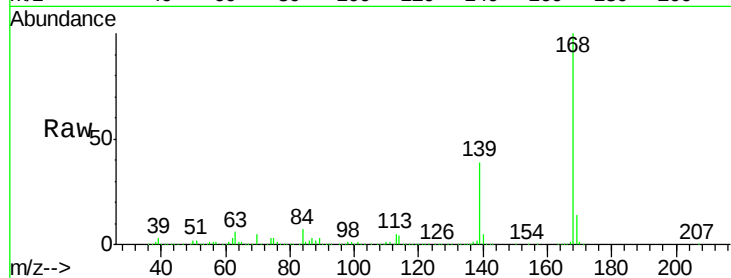
Tgt Ion:168 Resp: 1983745

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

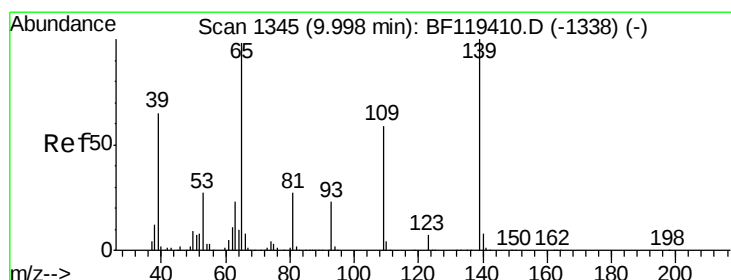
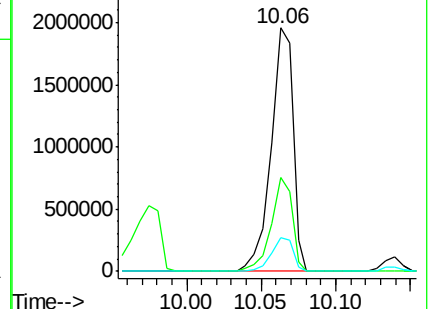
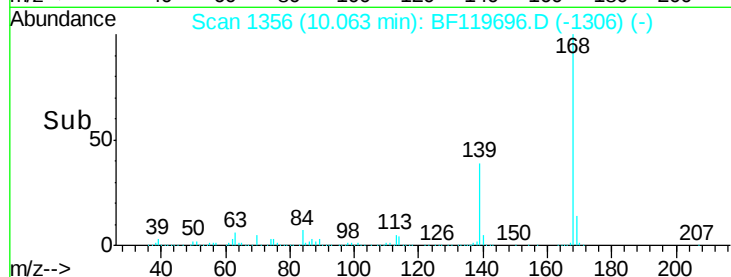
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.67 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

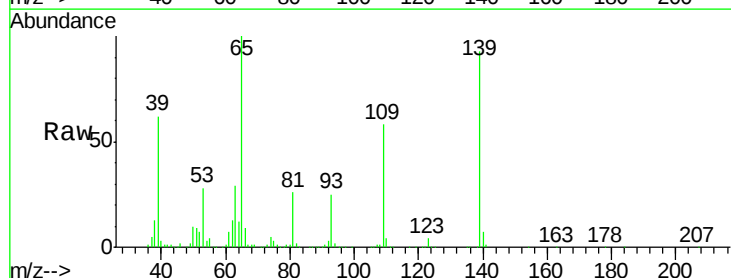
Tgt Ion:139 Resp: 661475

Ion Ratio Lower Upper

139 100

109 62.7 43.3 83.3

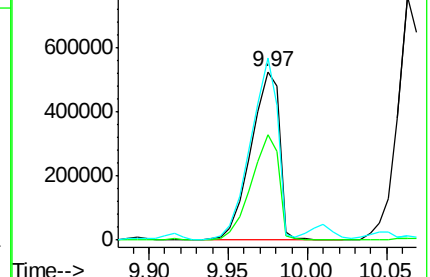
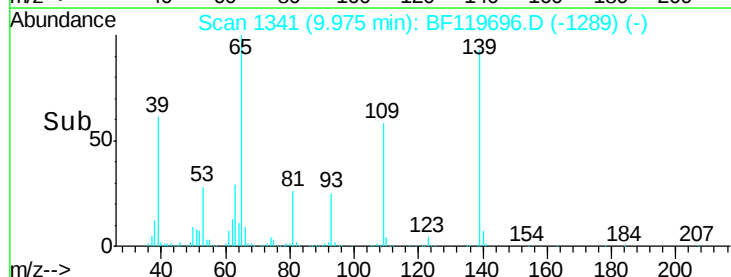
65 107.7 91.0 131.0

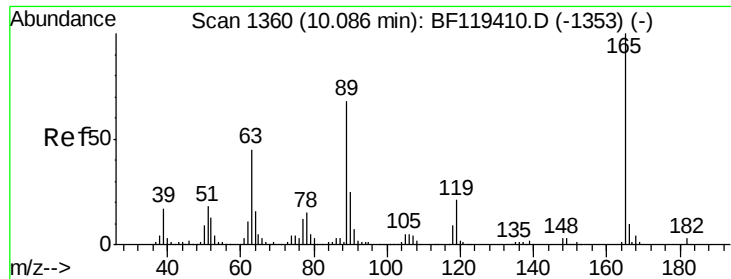


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

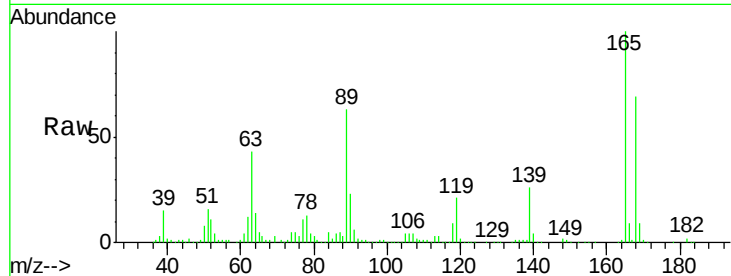




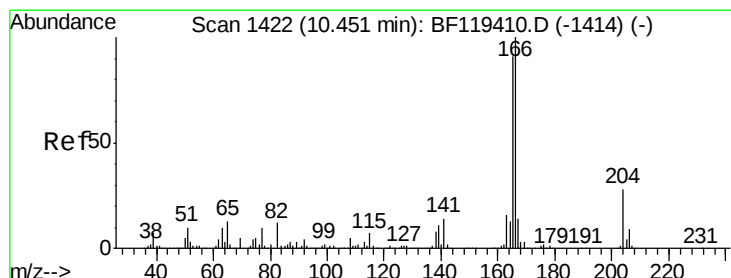
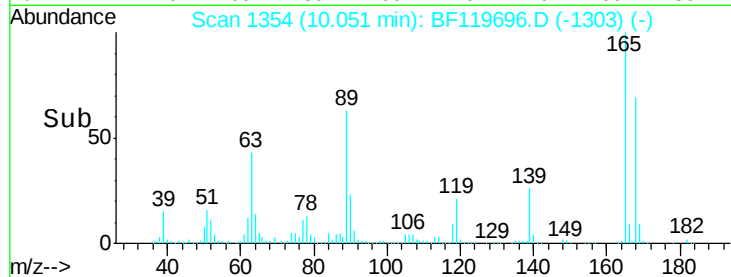
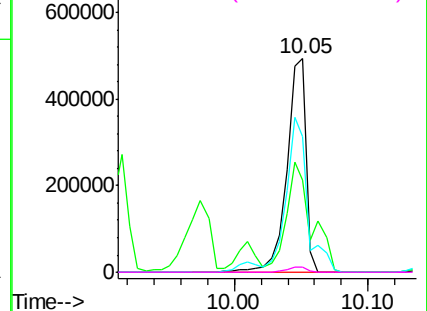
#57
2,4-Dinitrotoluene
Concen: 57.80 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

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

Tgt Ion:165 Resp: 500249
Ion Ratio Lower Upper
165 100
63 43.1 42.6 64.0
89 63.5 61.0 91.4
182 2.5 2.2 3.2

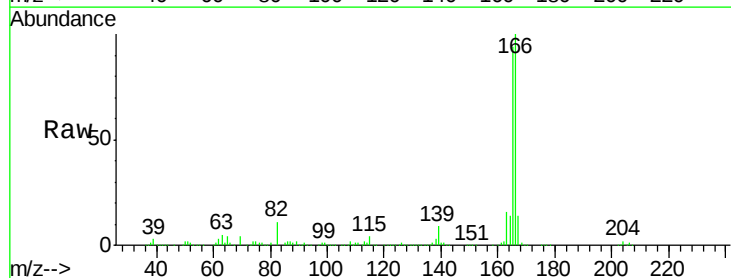


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

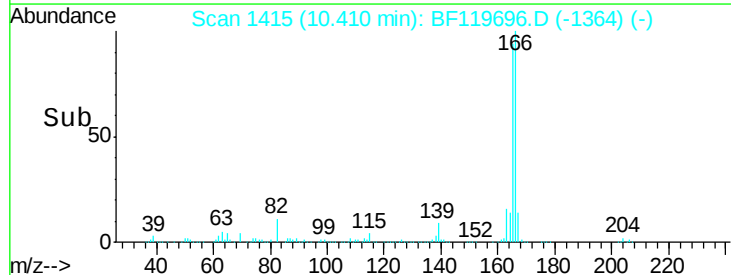
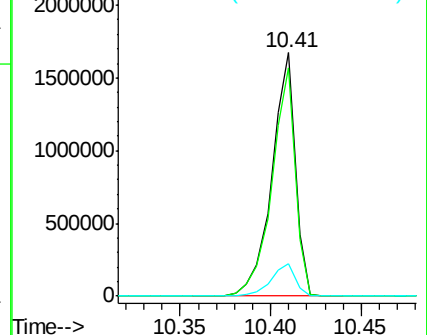


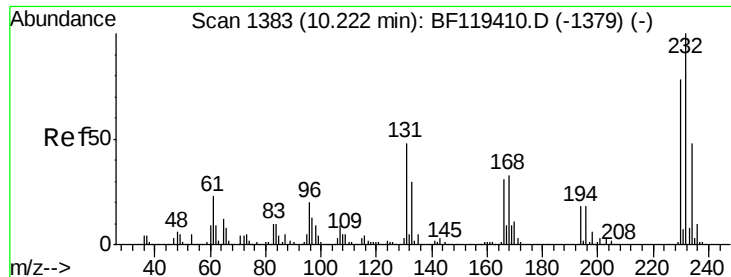
#58
Fluorene
Concen: 50.37 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:166 Resp: 1505096
Ion Ratio Lower Upper
166 100
165 93.7 75.4 113.2
167 13.5 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

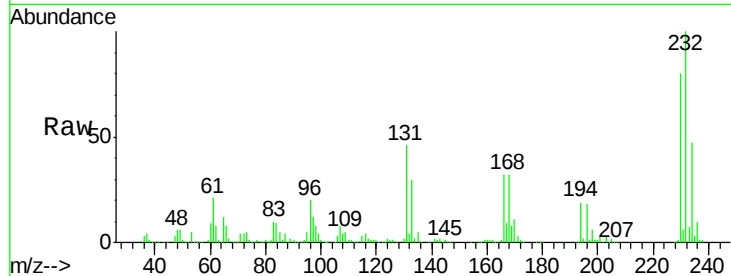




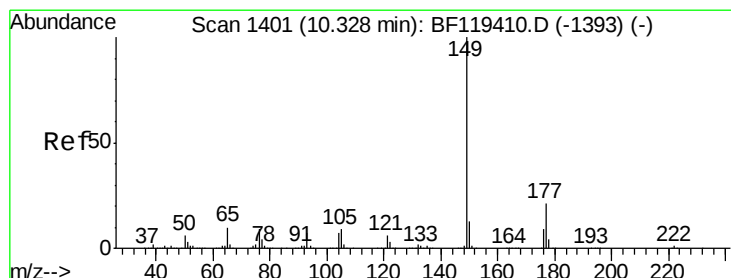
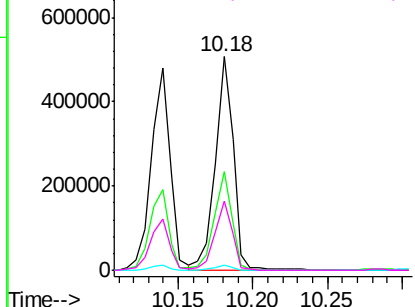
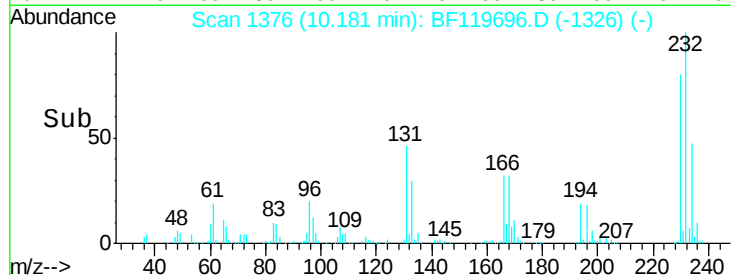
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.85 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

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

Tgt Ion: 232 Resp: 426801
 Ion Ratio Lower Upper
 232 100
 131 44.6 37.5 56.3
 130 2.1 1.8 2.6
 166 31.7 24.6 36.8

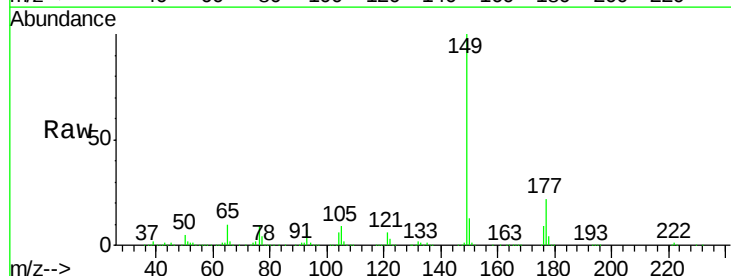


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

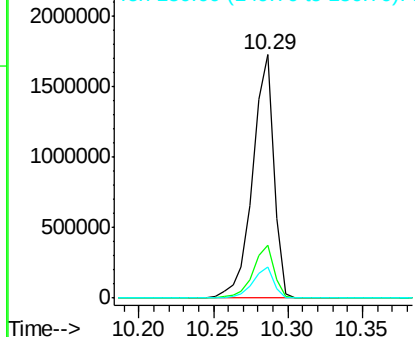
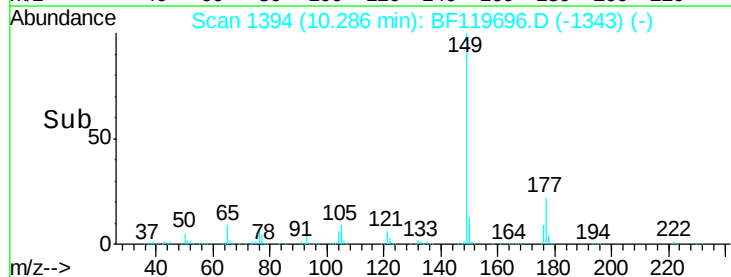


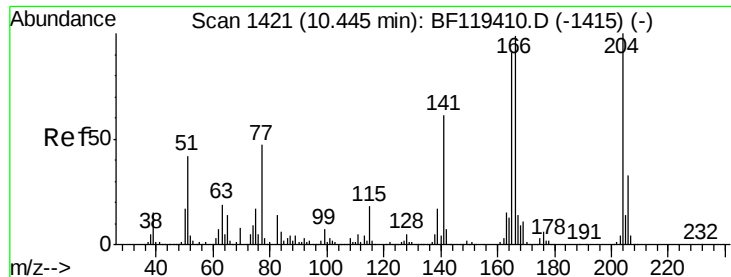
#60
 Diethylphthalate
 Concen: 51.85 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion: 149 Resp: 1686706
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.0 25.6
 150 12.8 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

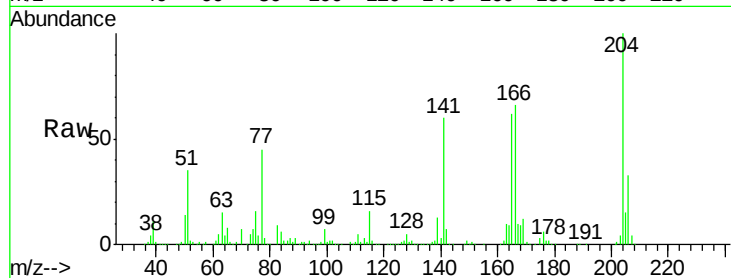




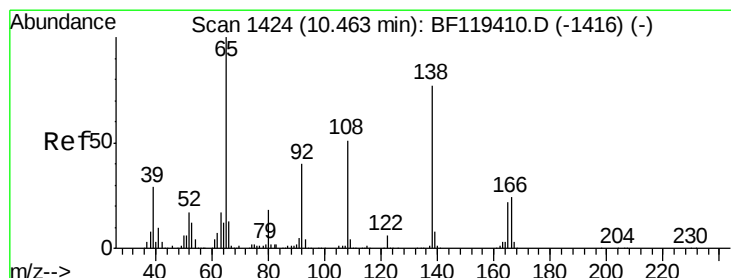
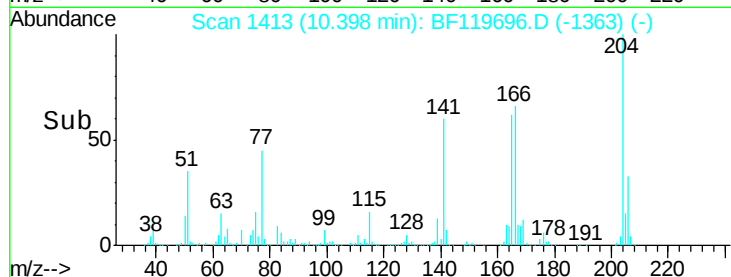
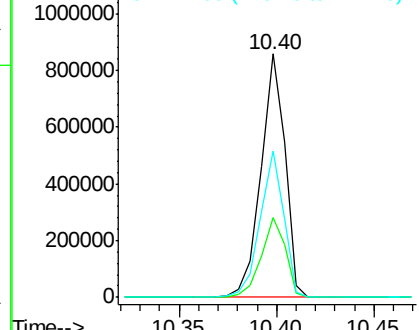
#61
4-Chlorophenyl-phenylether
Concen: 50.00 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

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

Tgt Ion: 204 Resp: 730678
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.3 47.3 70.9

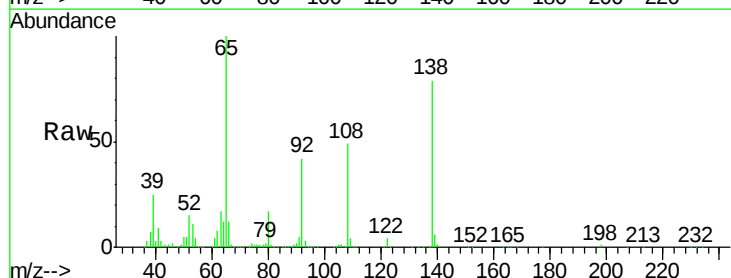


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

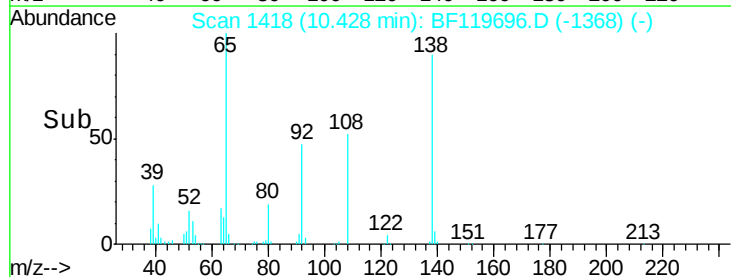
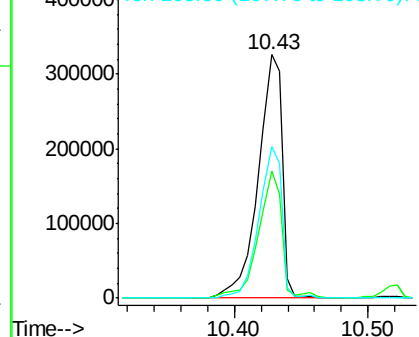


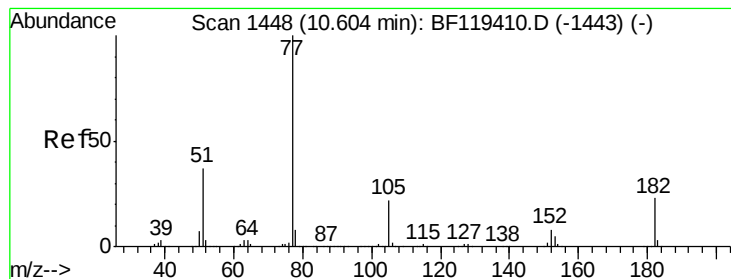
#62
4-Nitroaniline
Concen: 47.92 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion: 138 Resp: 398558
Ion Ratio Lower Upper
138 100
92 52.3 31.5 71.5
108 62.0 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: 49.20 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

Tgt Ion: 77 Resp: 1611682

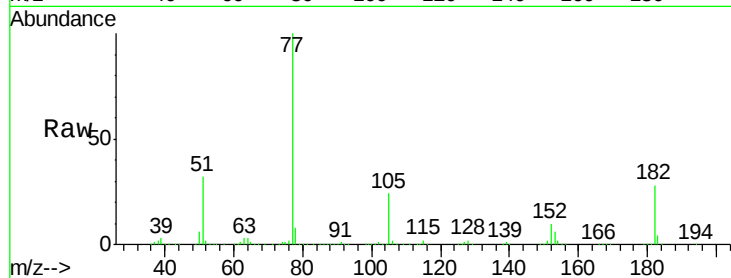
Ion Ratio Lower Upper

77 100

182 27.6 4.4 44.4

105 23.9 2.6 42.6

51 32.1 15.1 55.1

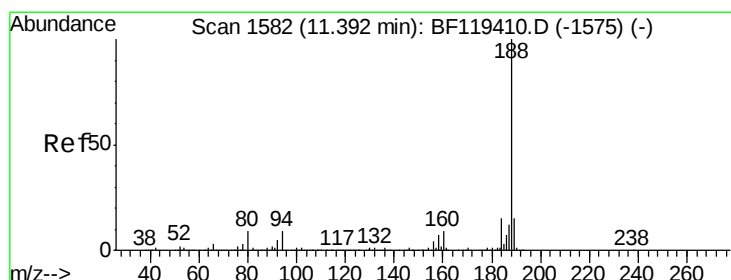
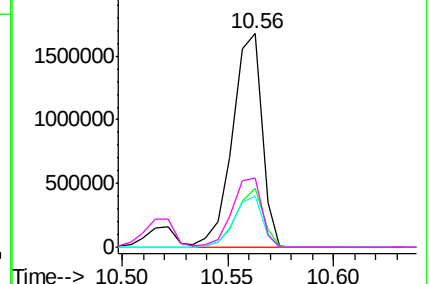
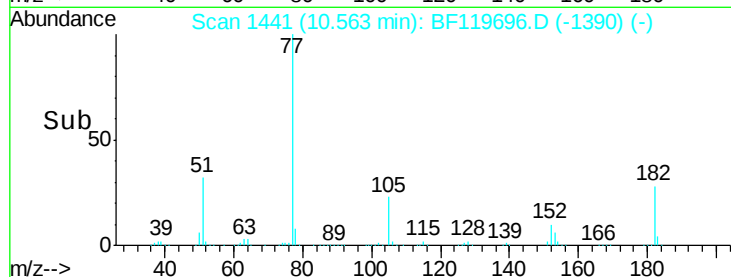


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF119696.D

Acq: 2 Apr 2020 4:51

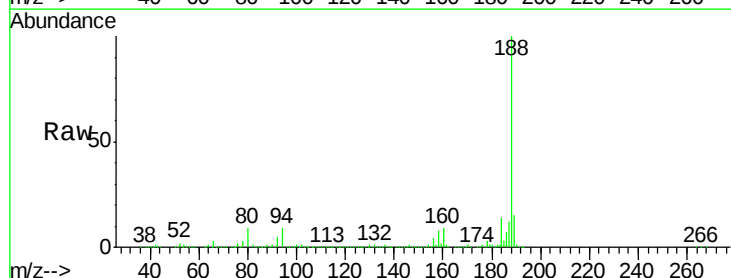
Tgt Ion: 188 Resp: 859649

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

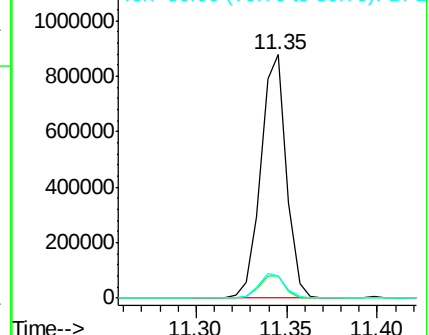
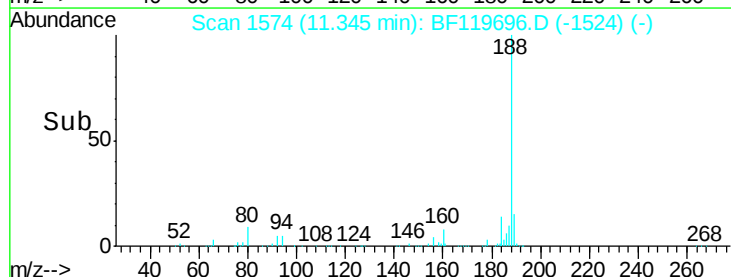
80 9.1 9.0 13.4

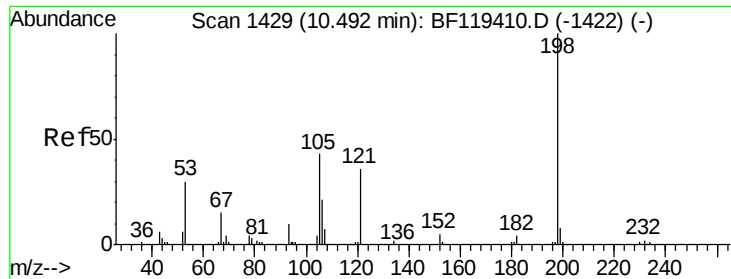


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

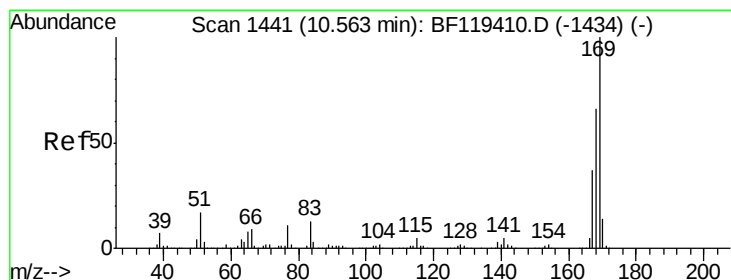
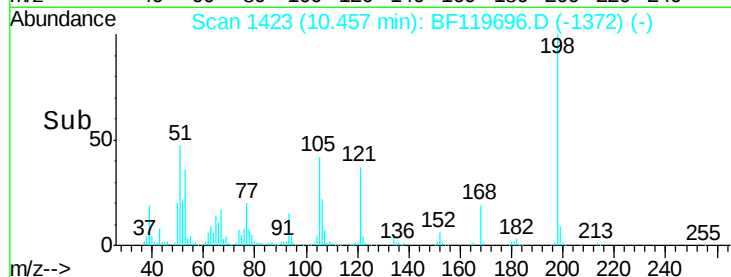
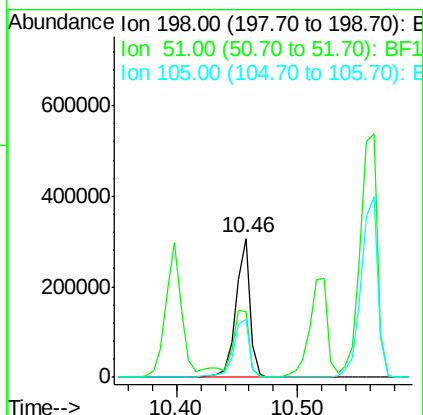
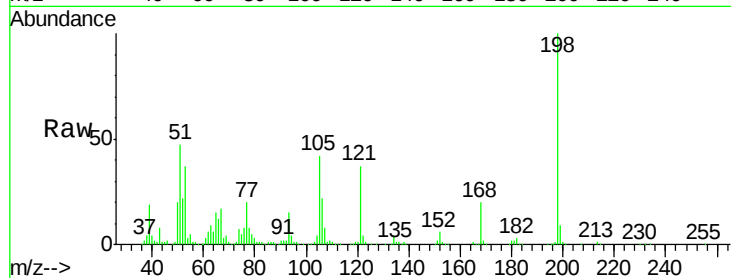




#65
 4,6-Dinitro-2-methylphenol
 Concen: 69.58 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

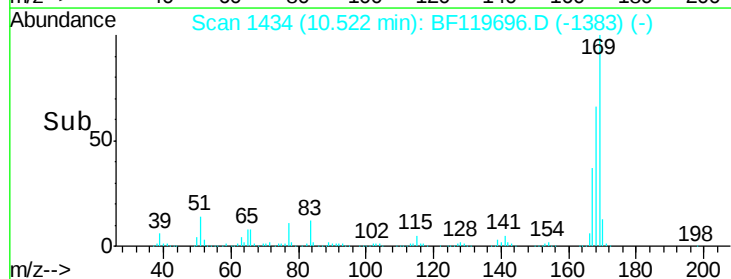
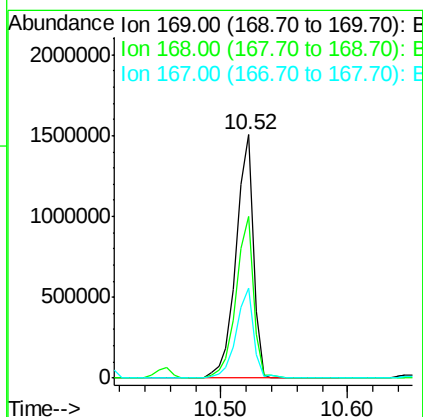
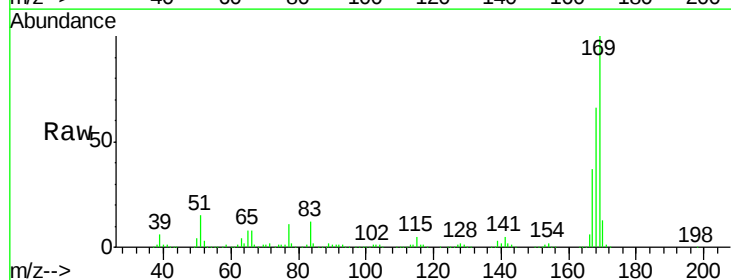
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

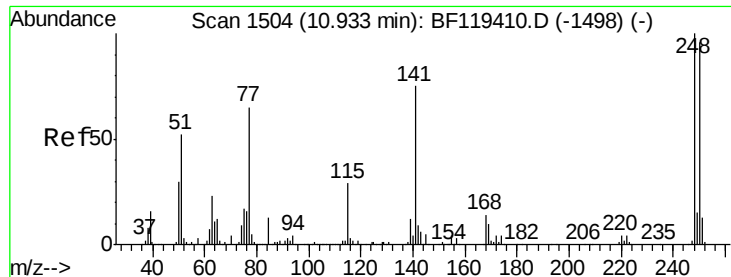
Tgt Ion:198 Resp: 250800
 Ion Ratio Lower Upper
 198 100
 51 47.2 29.0 69.0
 105 41.7 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 49.97 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:169 Resp: 1410141
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.2 79.8
 167 36.8 29.1 43.7

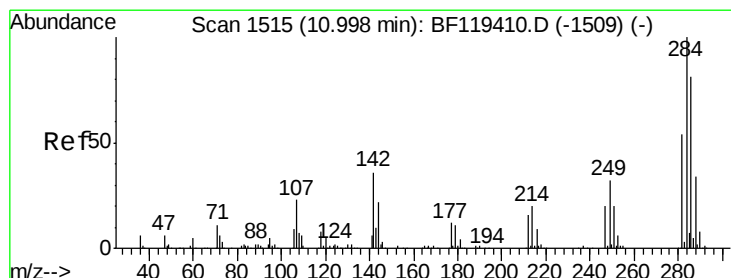
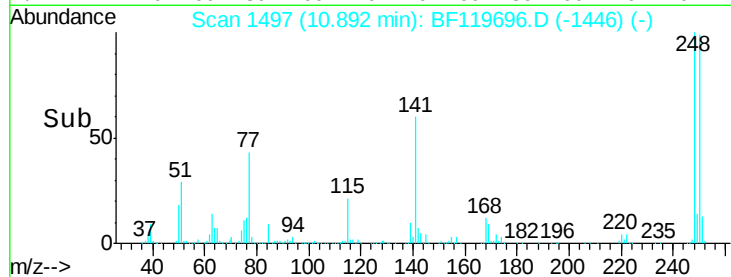
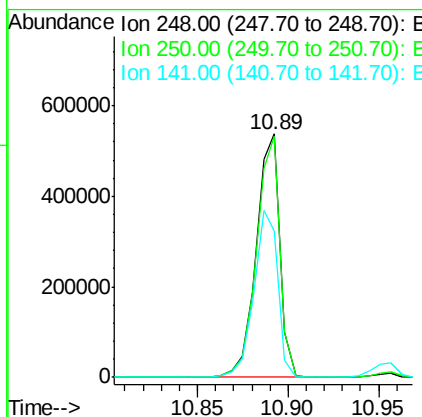
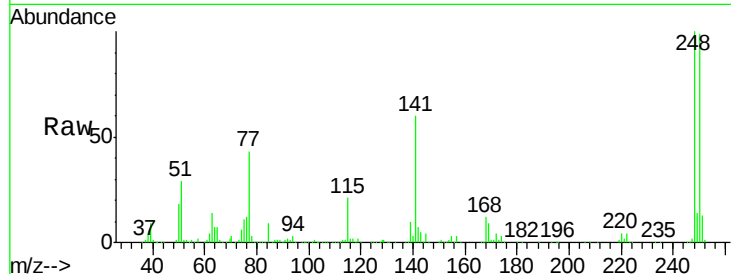




#67
 4-Bromophenyl-phenylether
 Concen: 49.67 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

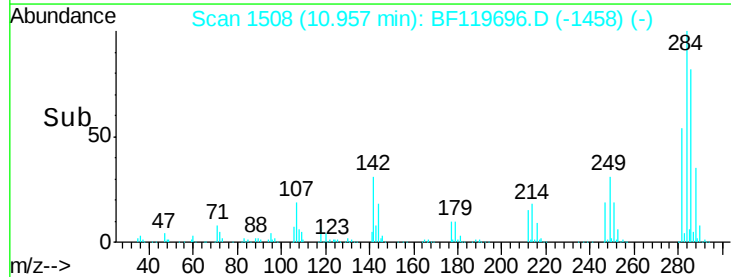
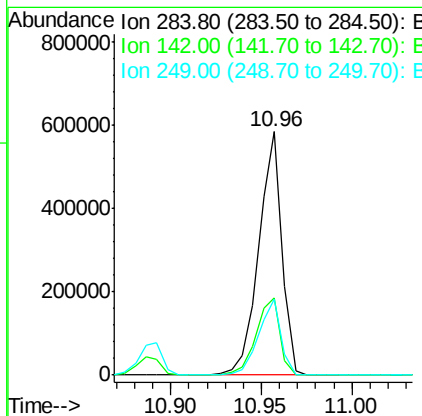
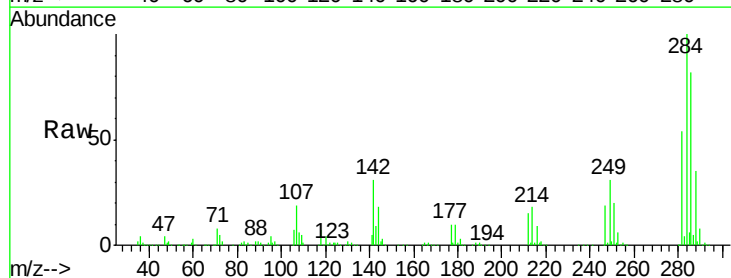
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

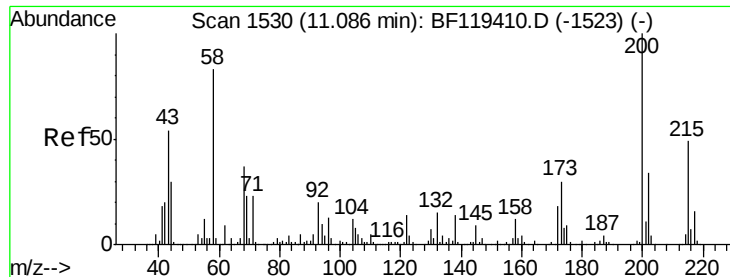
Tgt Ion:	248	Resp:	486276
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.3	115.9
141	60.2	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 51.66 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:	284	Resp:	517626
Ion Ratio	Lower	Upper	
284	100		
142	31.5	29.2	43.8
249	30.9	25.1	37.7

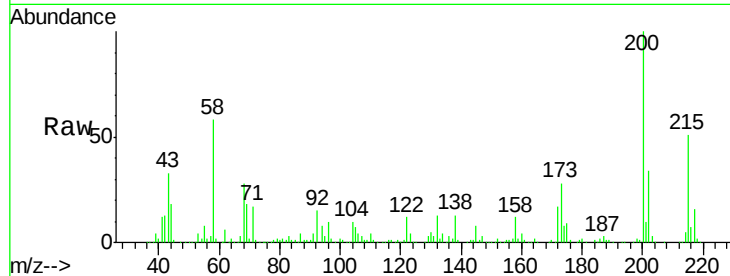




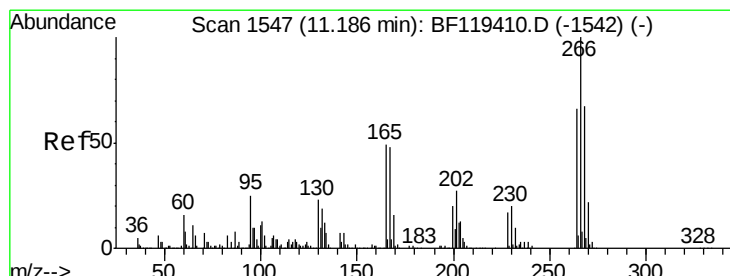
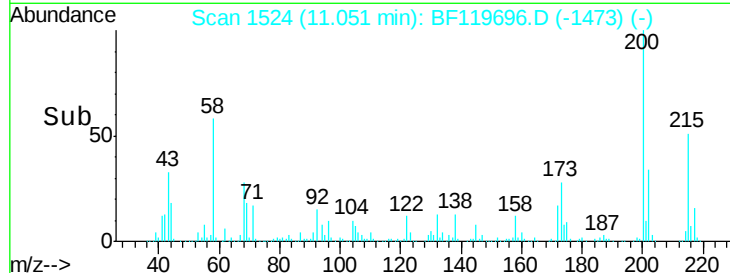
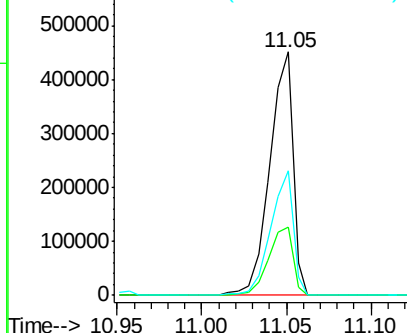
#69
 Atrazine
 Concen: 55.41 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

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

Tgt Ion:200 Resp: 428658
 Ion Ratio Lower Upper
 200 100
 173 28.1 9.3 49.3
 215 51.3 29.5 69.5

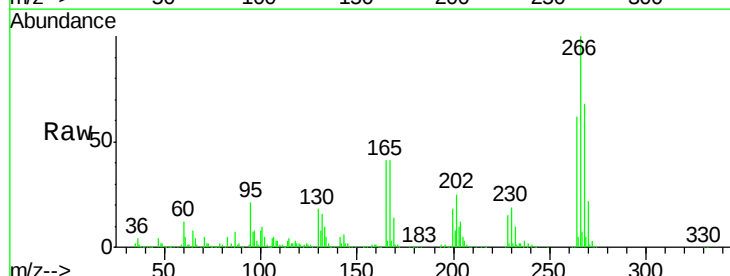


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

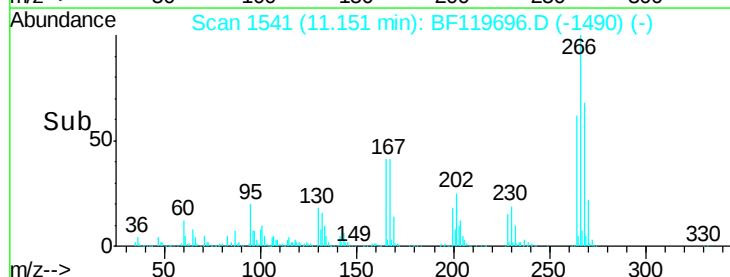
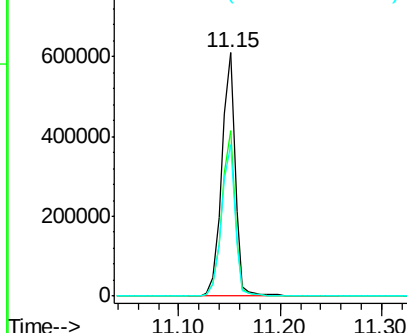


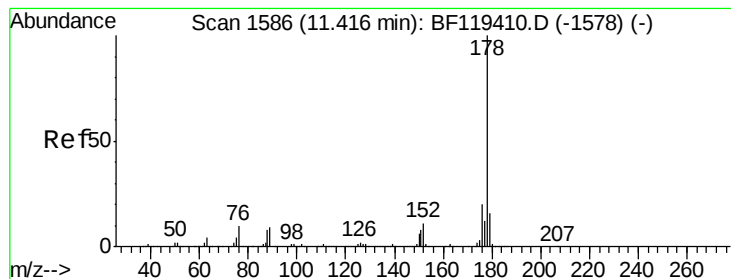
#70
 Pentachlorophenol
 Concen: 96.52 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:266 Resp: 567088
 Ion Ratio Lower Upper
 266 100
 268 68.2 53.3 79.9
 264 62.0 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.31 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

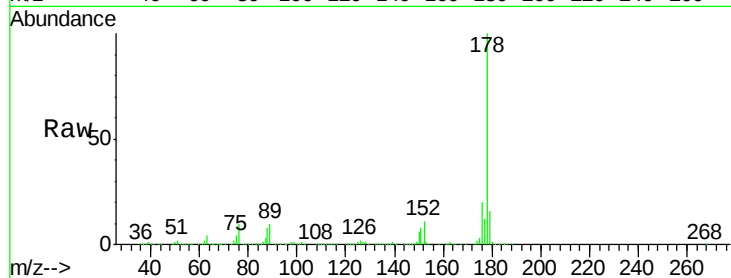
Tgt Ion:178 Resp: 2198202

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

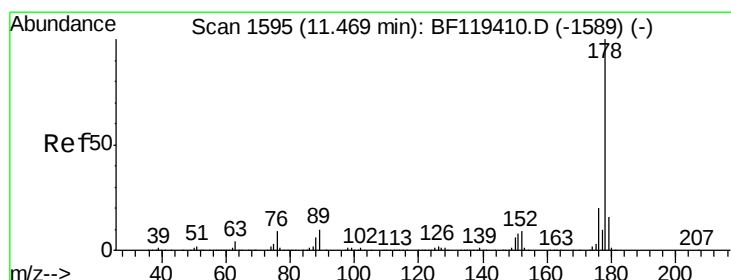
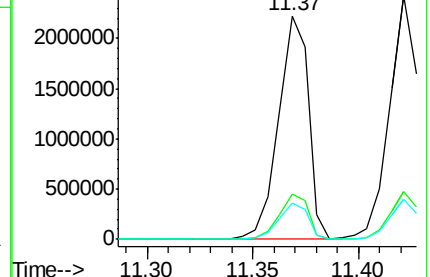
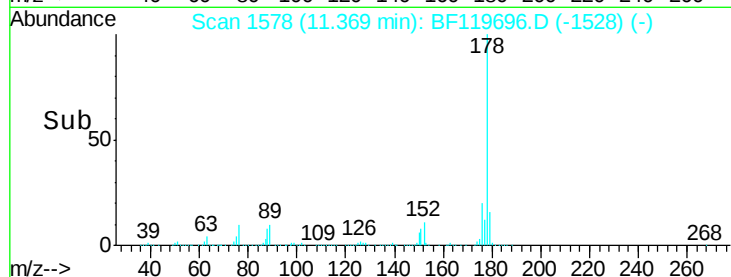
179 16.2 13.2 19.8



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: 49.62 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

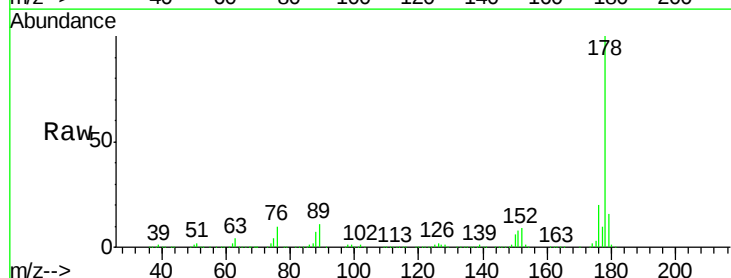
Tgt Ion:178 Resp: 2248100

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

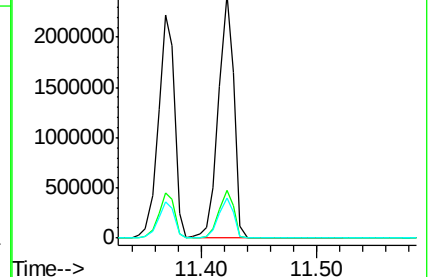
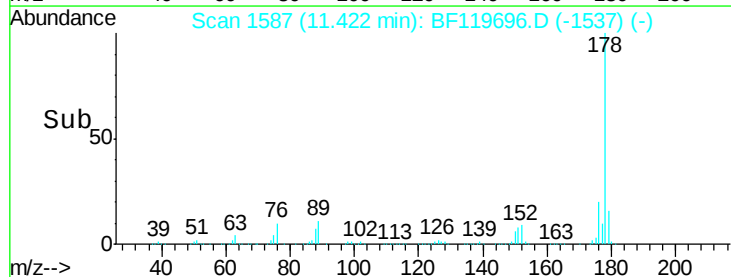
179 16.2 13.0 19.4

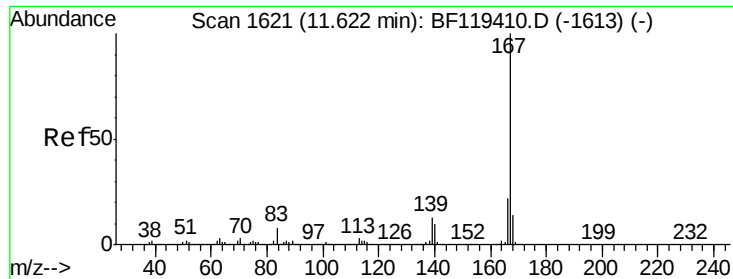


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

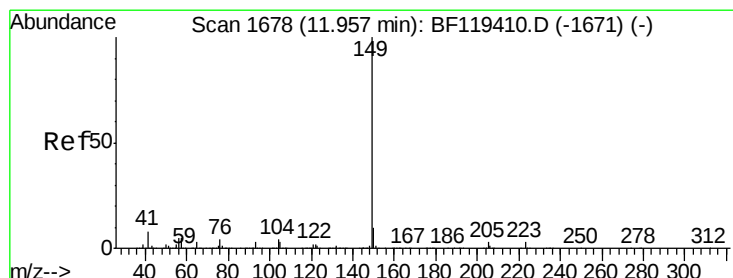
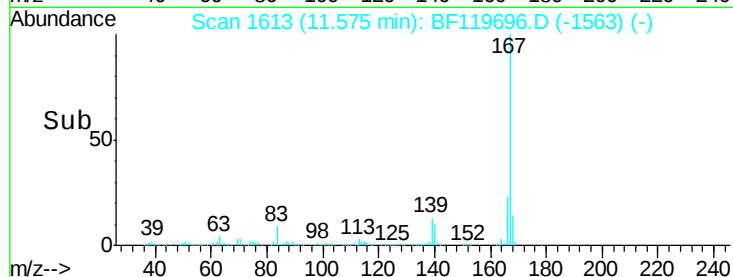
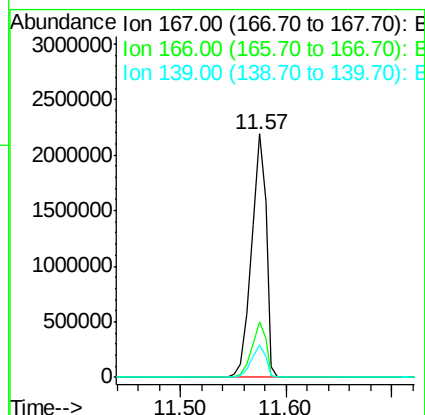
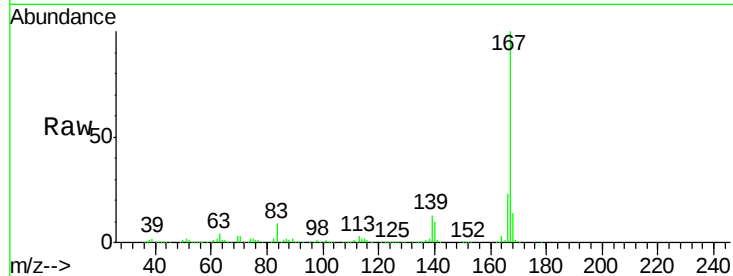




#73
 Carbazole
 Concen: 47.12 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

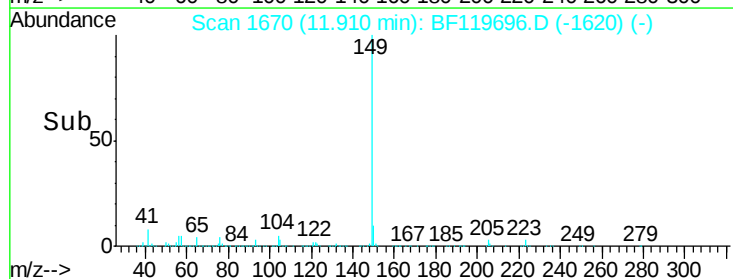
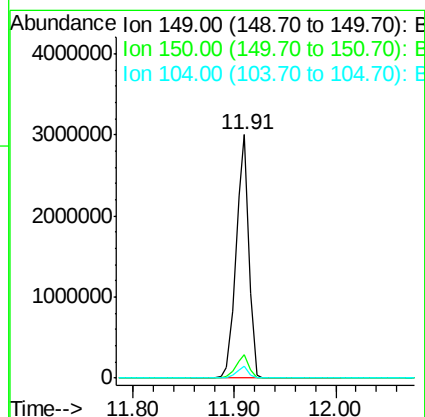
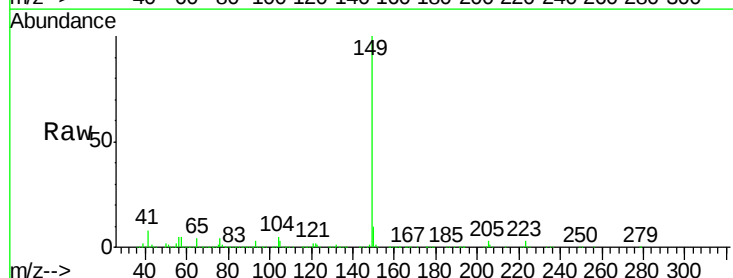
Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)MS

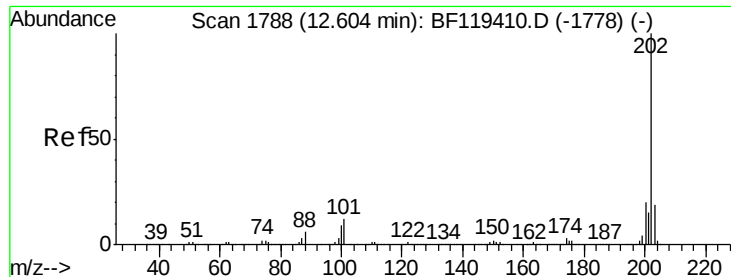
Tgt Ion:167 Resp: 2112935
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 54.00 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:149 Resp: 2590225
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 49.91 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

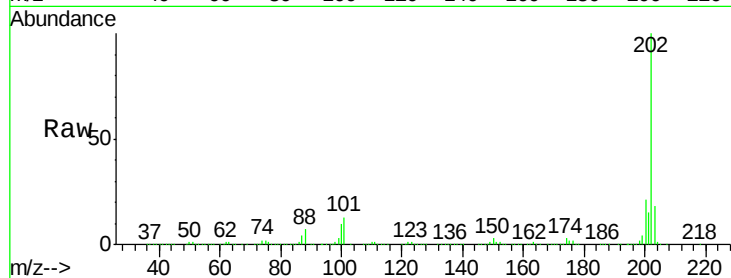
Tgt Ion:202 Resp: 2407908

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.2

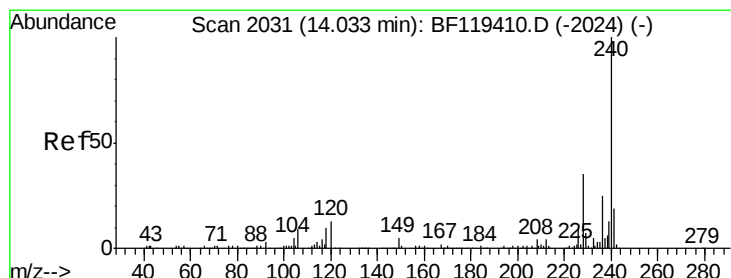
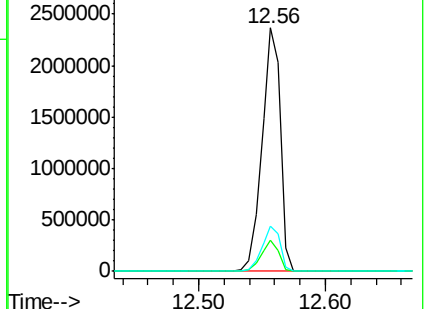
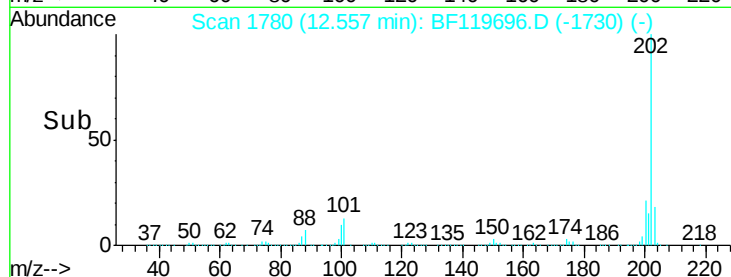
203 18.5 0.0 38.8



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: BF119696.D

Acq: 2 Apr 2020 4:51

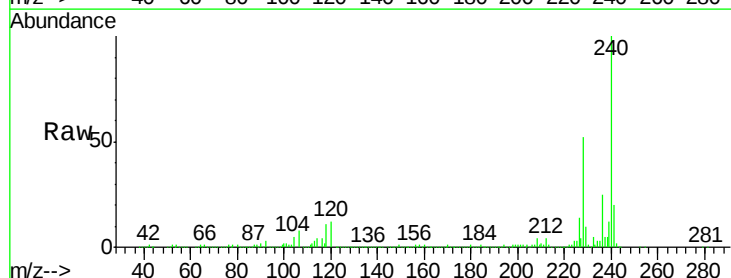
Tgt Ion:240 Resp: 628438

Ion Ratio Lower Upper

240 100

120 11.6 10.6 15.8

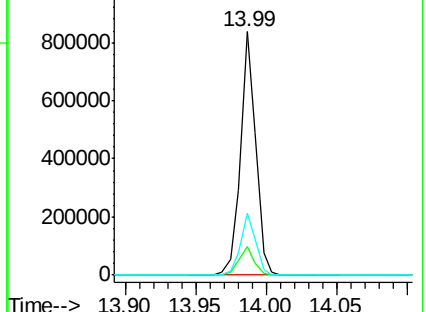
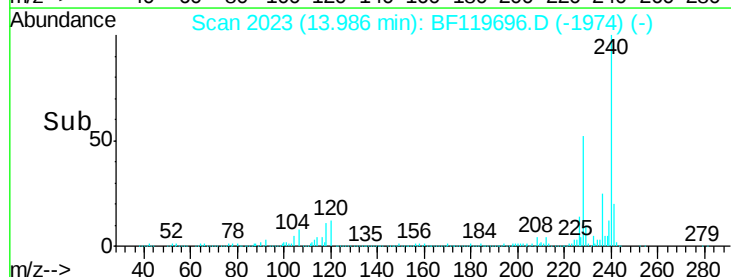
236 25.4 20.2 30.2

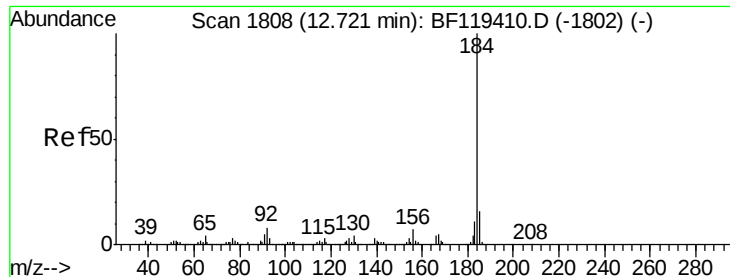


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.11 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

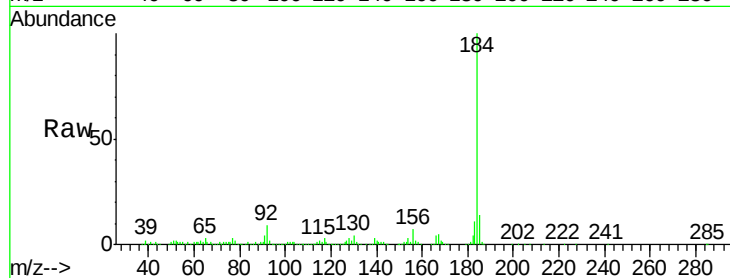
Tgt Ion:184 Resp: 933640

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

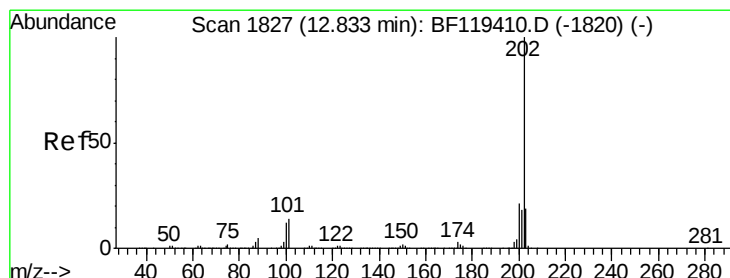
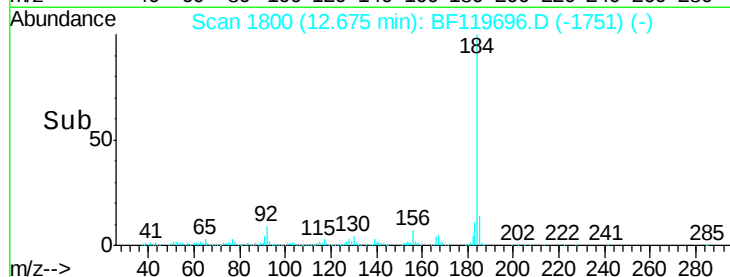
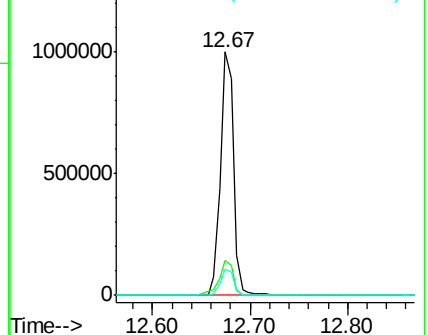
183 10.8 9.0 13.6



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: 47.53 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

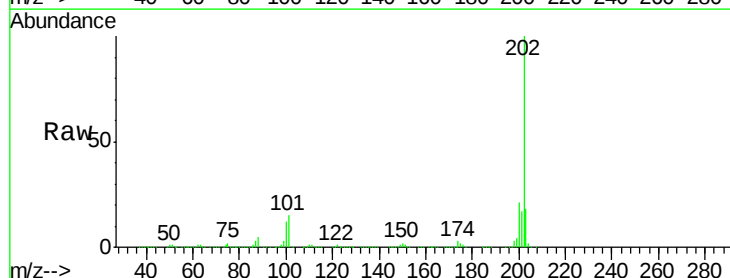
Tgt Ion:202 Resp: 2451152

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

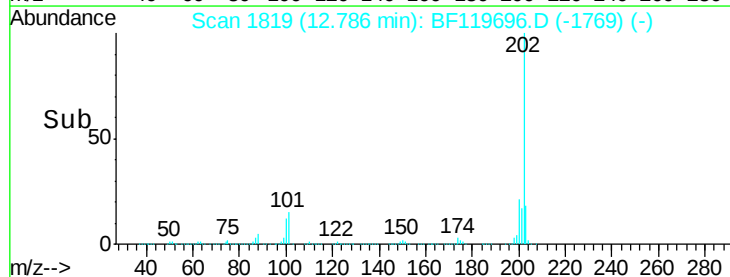
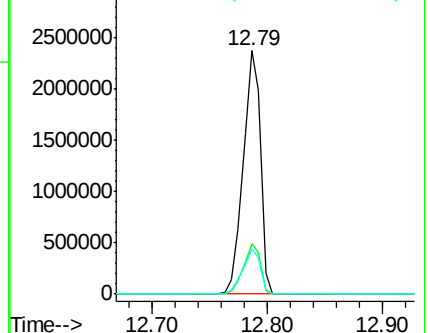
203 18.4 15.1 22.7

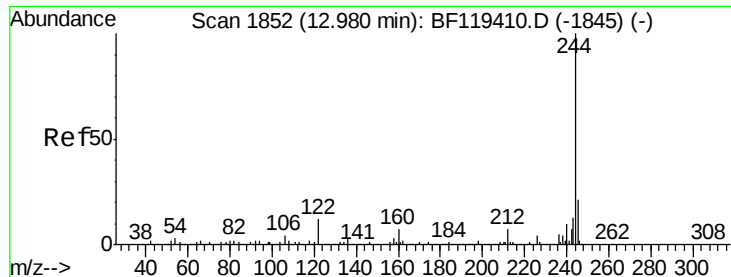


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.39 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

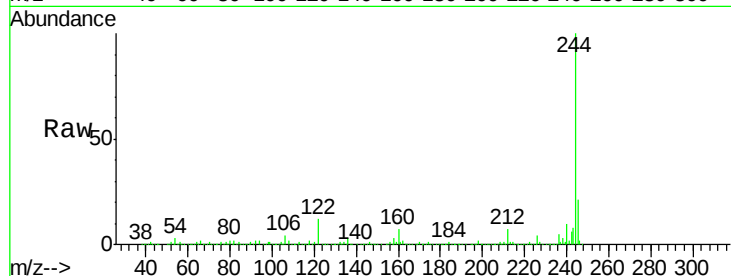
Tgt Ion:244 Resp: 2642608

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

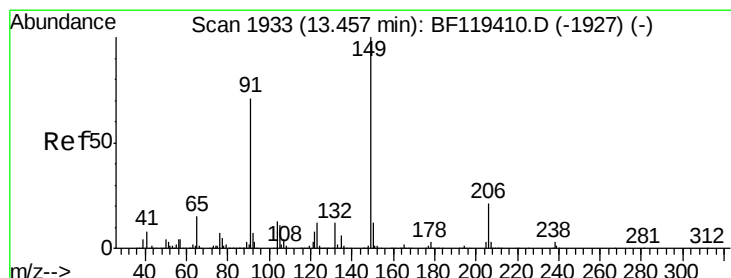
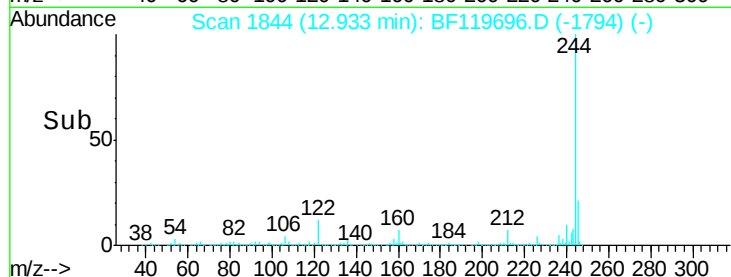
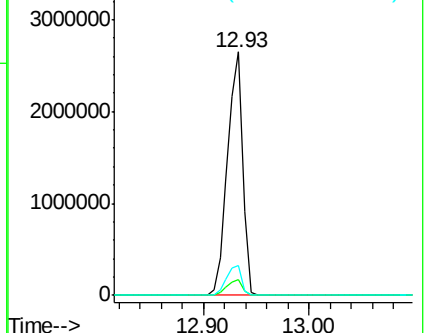
122 12.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.42 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

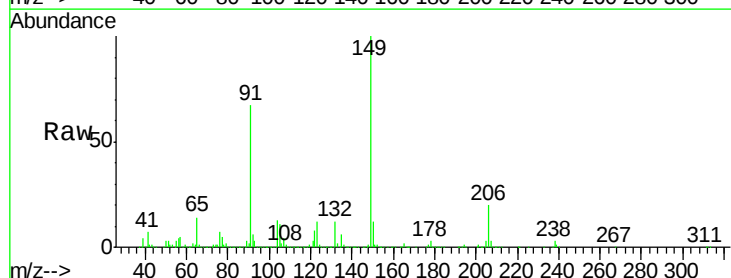
Tgt Ion:149 Resp: 1135115

Ion Ratio Lower Upper

149 100

91 67.4 54.7 82.1

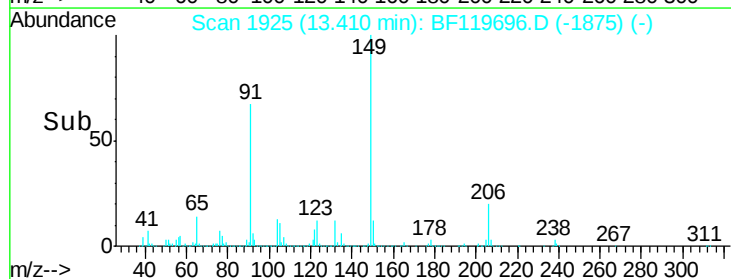
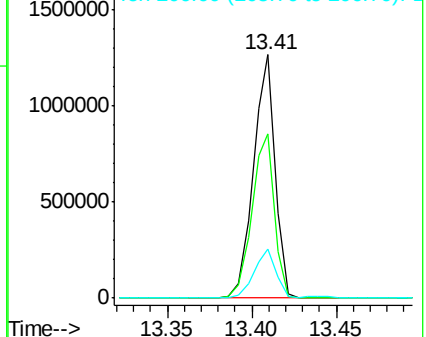
206 20.2 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.98 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

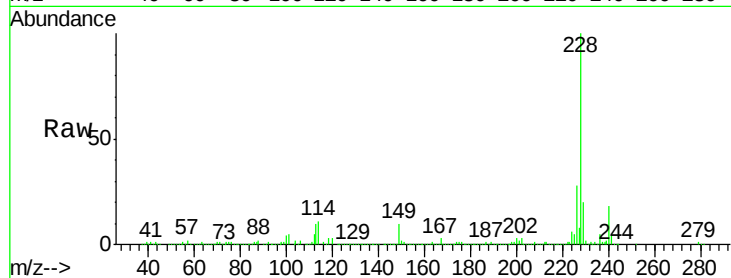
Tgt Ion:228 Resp: 1919782

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.8

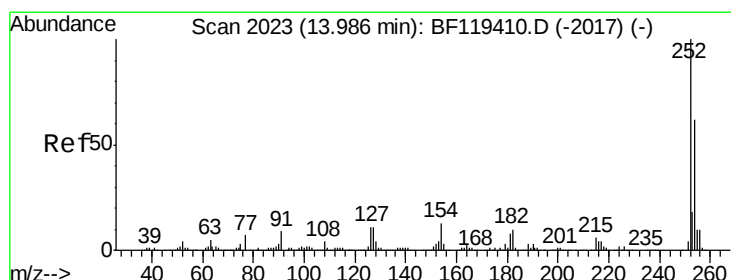
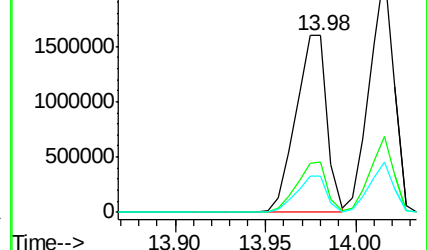
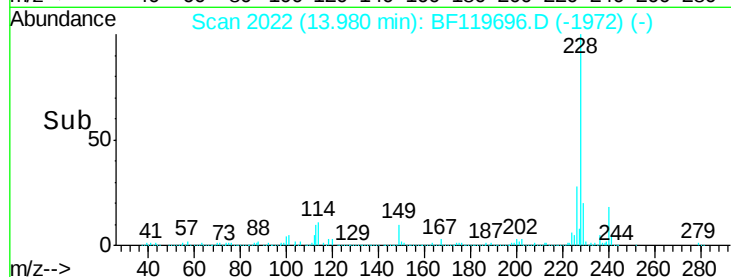
229 20.1 16.2 24.4



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: 16.48 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

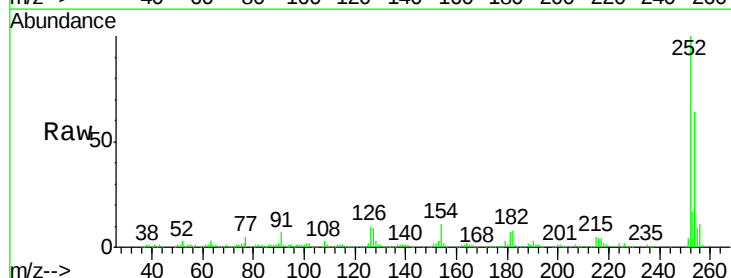
Tgt Ion:252 Resp: 265558

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

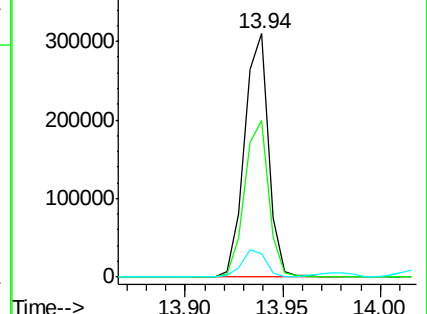
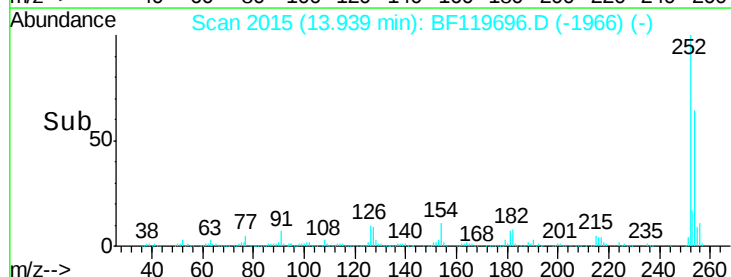
126 9.6 9.6 14.4



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: 47.98 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

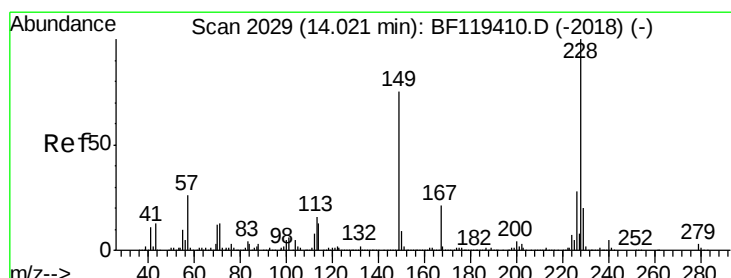
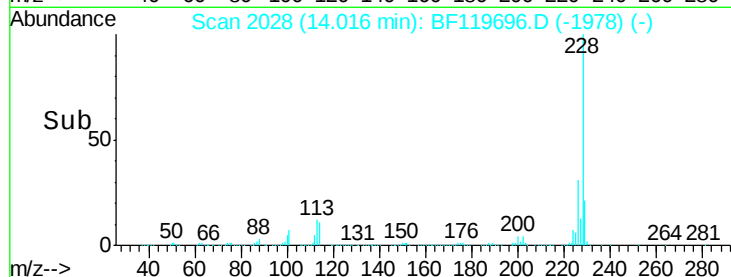
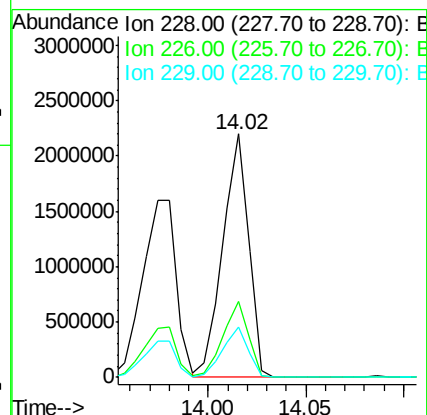
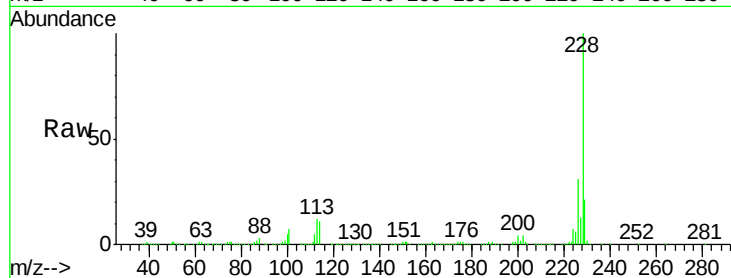
Tgt Ion:228 Resp: 2023778

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

229 20.5 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.22 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

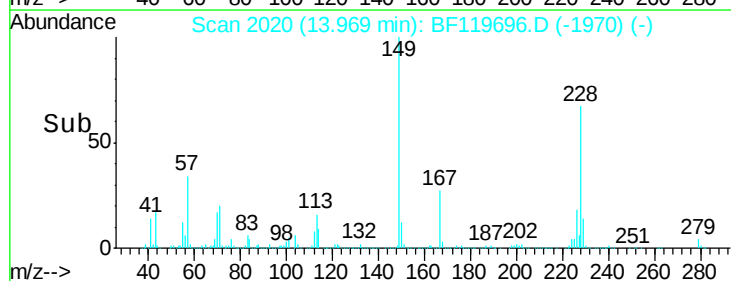
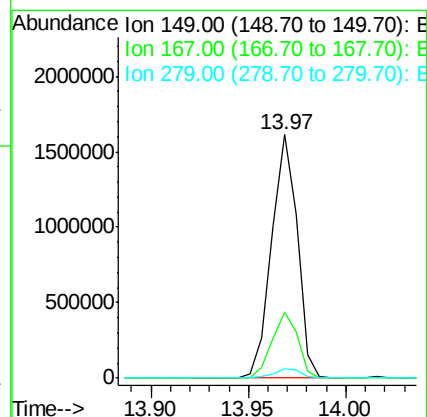
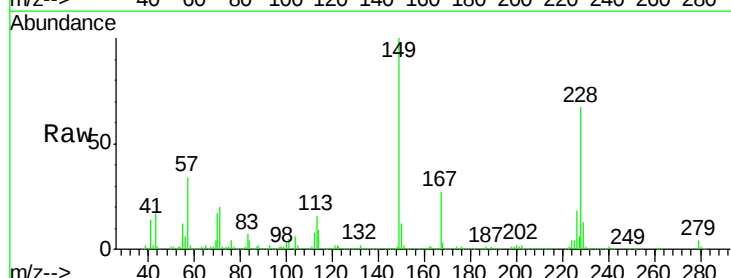
Tgt Ion:149 Resp: 1472690

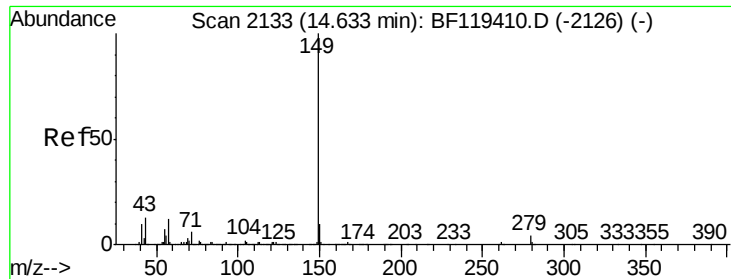
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.7 2.7 4.1

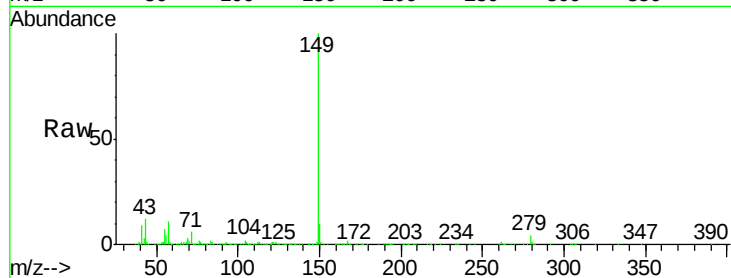




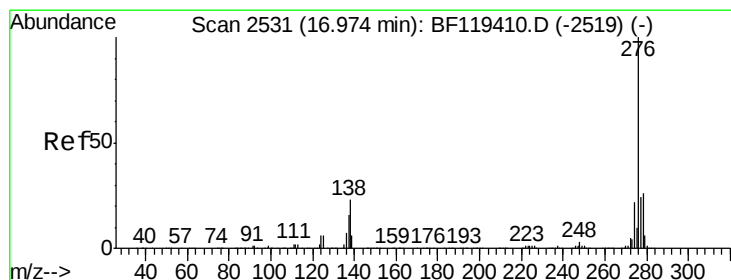
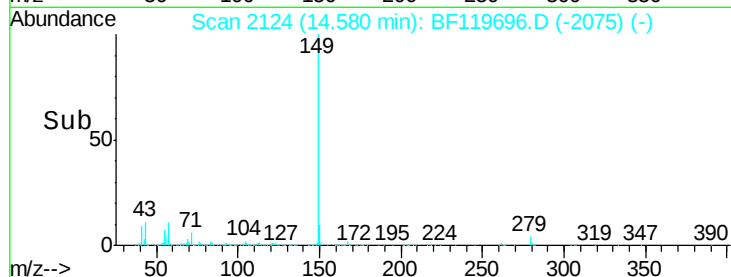
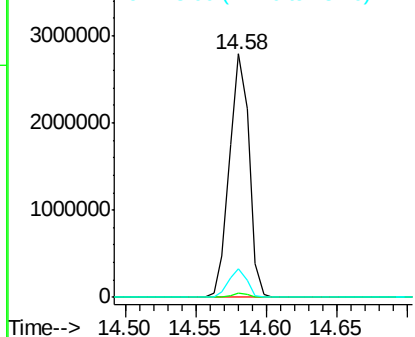
#85
 Di-n-octyl phthalate
 Concen: 61.85 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

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

Tgt Ion:149 Resp: 2705119
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.2 9.3 13.9

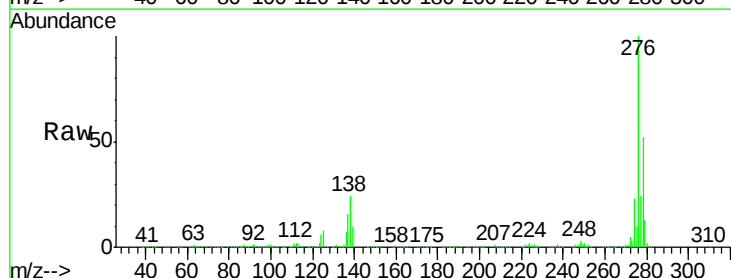


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

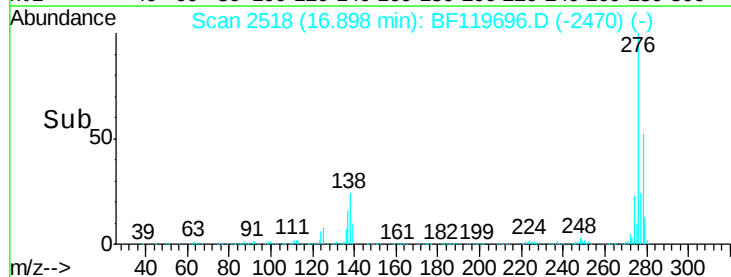
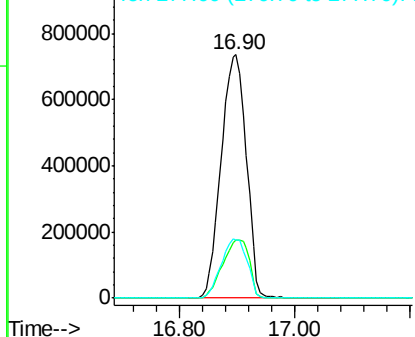


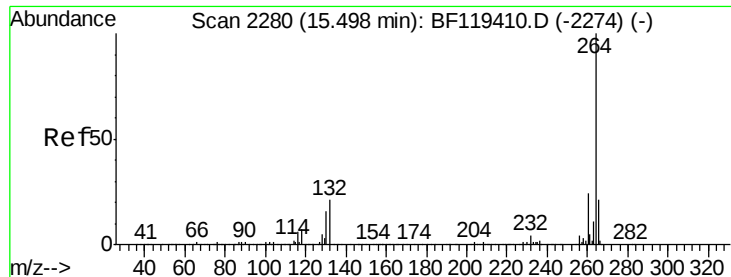
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 56.16 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF119696.D
 Acq: 2 Apr 2020 4:51

Tgt Ion:276 Resp: 2230614
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.6 29.4
 277 25.1 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: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

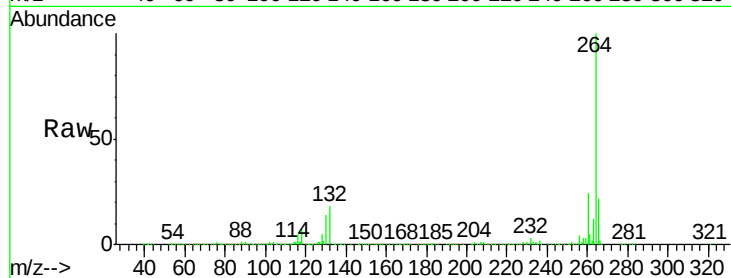
Tgt Ion:264 Resp: 698518

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

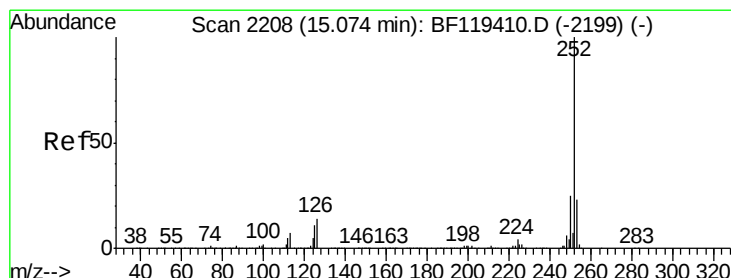
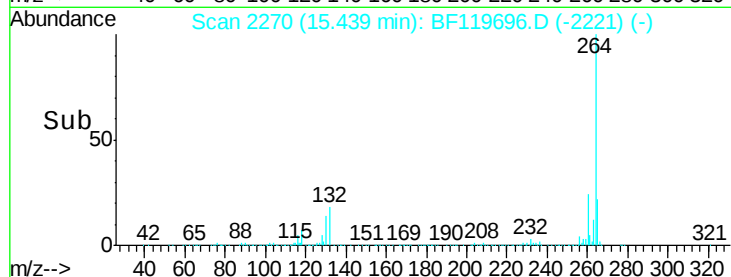
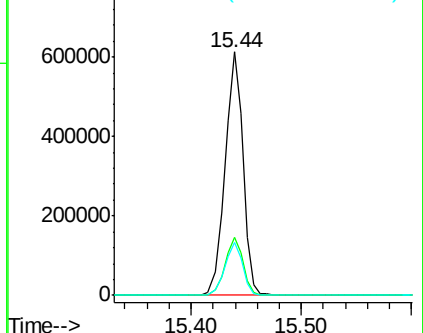
265 21.9 17.7 26.5



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: 47.18 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

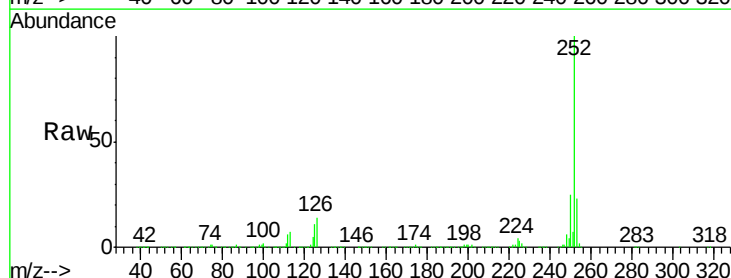
Tgt Ion:252 Resp: 2201326

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

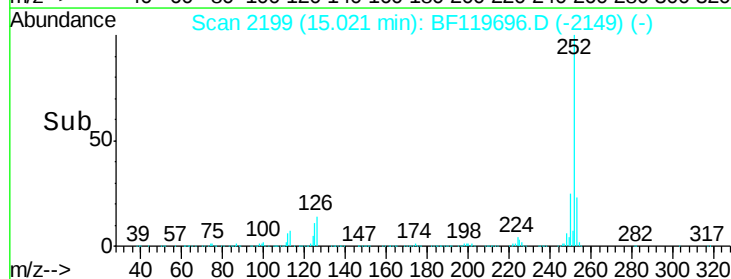
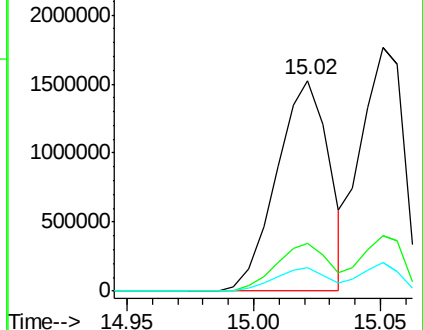
125 10.9 7.9 11.9

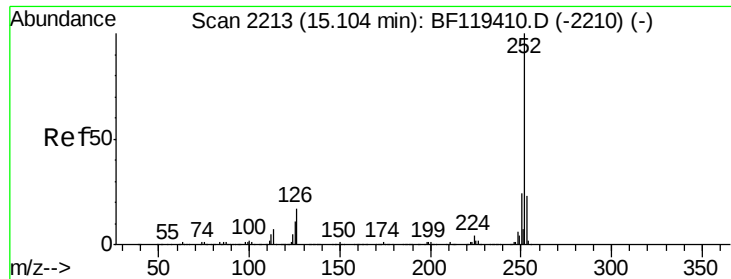


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

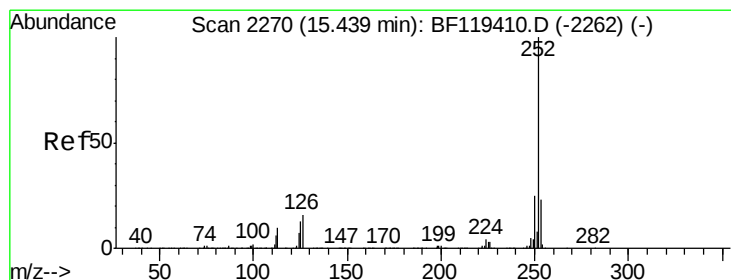
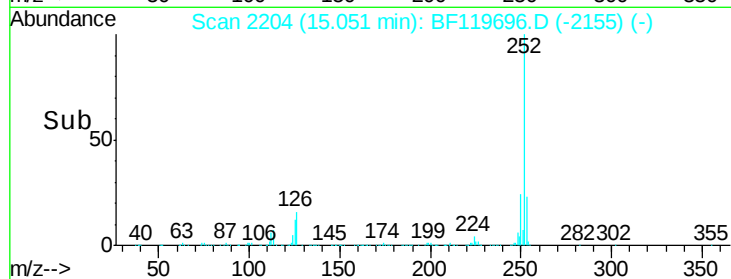
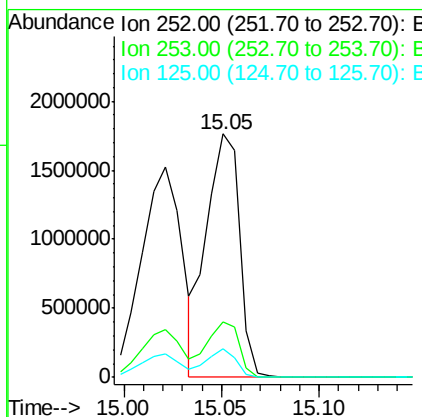
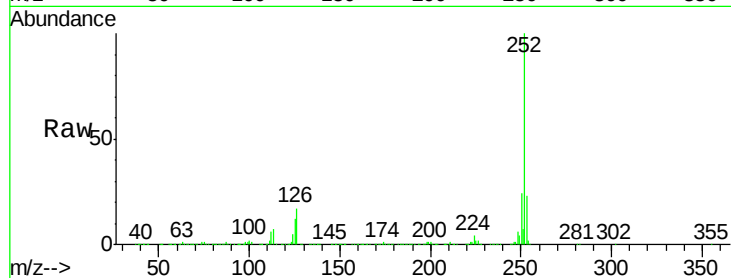




#89
Benzo(k)fluoranthene
Concen: 46.51 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

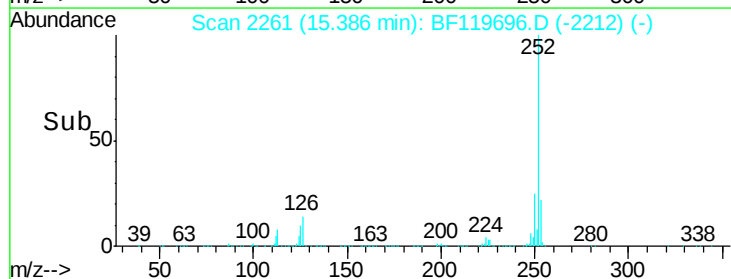
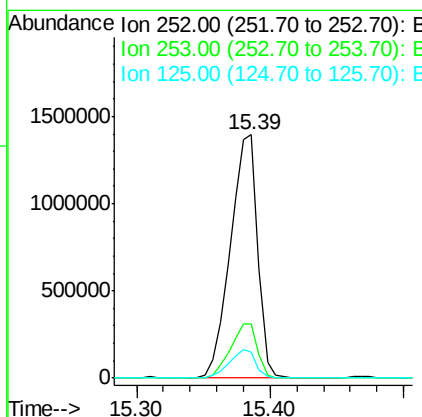
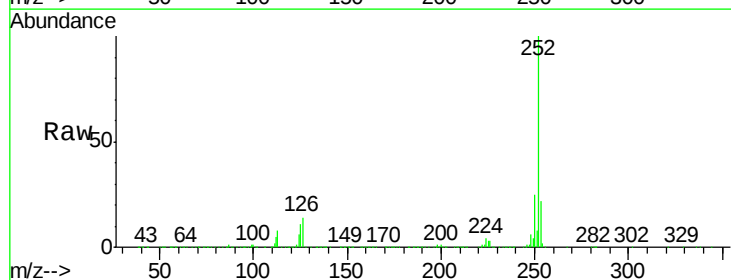
Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MS

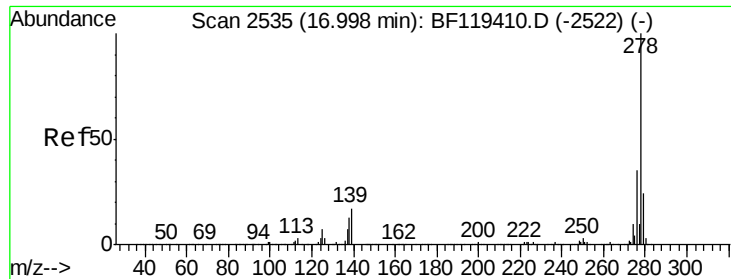
Tgt Ion:252 Resp: 2066576
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 47.03 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF119696.D
Acq: 2 Apr 2020 4:51

Tgt Ion:252 Resp: 1994356
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 48.89 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)MS

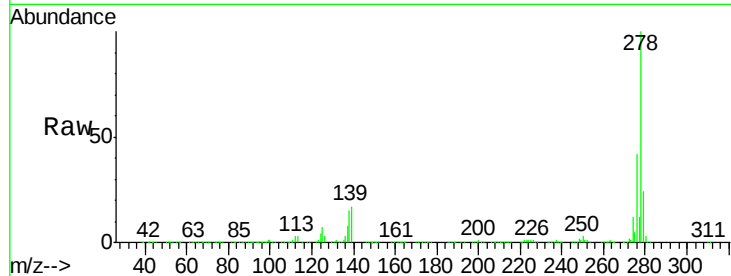
Tgt Ion:278 Resp: 1813441

Ion Ratio Lower Upper

278 100

139 16.9 12.6 19.0

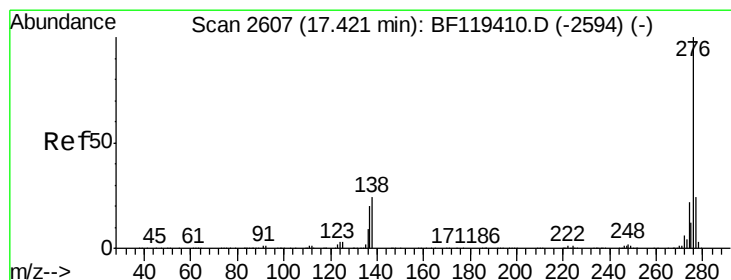
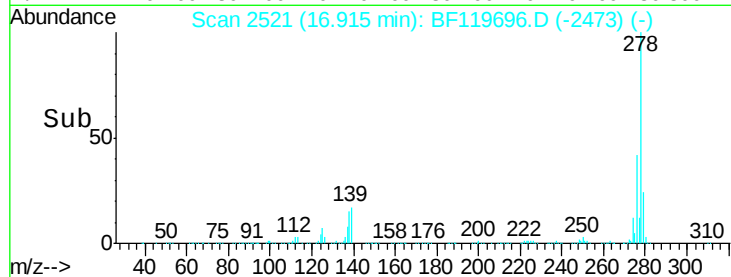
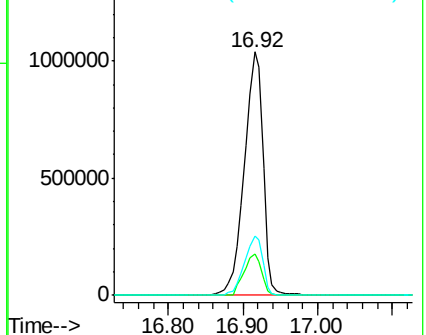
279 24.1 19.0 28.6



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: 48.23 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF119696.D

Acq: 2 Apr 2020 4:51

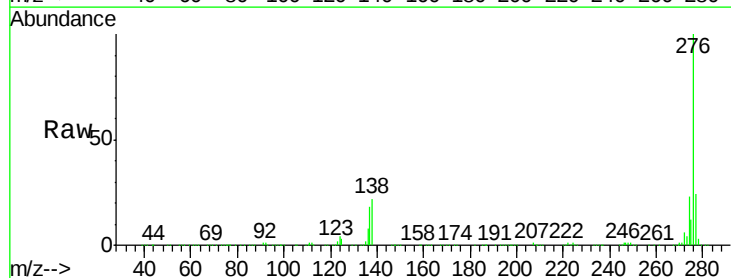
Tgt Ion:276 Resp: 1797136

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 21.9 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

