

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119926.D
 Acq On : 13 Apr 2020 20:25
 Operator : MA/SJ
 Sample : L2225-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Apr 14 00:43:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	224117	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	887591	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	465642	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	892284	20.00	ng	0.00
76) Chrysene-d12	13.91	240	624755	20.00	ng	0.00
87) Perylene-d12	15.33	264	625952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	797139	61.47	ng	0.01
7) Phenol-d6	6.37	99	1012847	60.61	ng	0.00
23) Nitrobenzene-d5	7.30	82	682863	39.80	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	304448	53.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1403592	42.80	ng	0.00
79) Terphenyl-d14	12.86	244	1870783	50.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	234283	40.561	ng	95
3) Pyridine	3.19	79	632119	39.887	ng	98
4) n-Nitrosodimethylamine	3.15	42	348140	42.996	ng	96
6) Aniline	6.40	93	666530	30.390	ng	98
8) 2-Chlorophenol	6.52	128	688528	47.518	ng	96
9) Benzaldehyde	6.28	77	326105	34.143	ng	96
10) Phenol	6.39	94	877117	46.267	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	646148	44.143	ng	98
12) 1,3-Dichlorobenzene	6.68	146	686569	43.280	ng	97
13) 1,4-Dichlorobenzene	6.76	146	694937	43.005	ng	97
14) 1,2-Dichlorobenzene	6.91	146	660772	44.370	ng	98
15) Benzyl Alcohol	6.89	79	563306	43.401	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1141826	40.087	ng	98
17) 2-Methylphenol	7.00	107	555056	42.924	ng	99
18) Hexachloroethane	7.25	117	266635	44.151	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	463268	43.112	ng	96
20) 3+4-Methylphenols	7.15	107	667313	42.195	ng	94
22) Acetophenone	7.15	105	885961	42.626	ng	99
24) Nitrobenzene	7.32	77	718863	41.651	ng	100
25) Isophorone	7.57	82	1329027	40.184	ng	99
26) 2-Nitrophenol	7.64	139	374906	43.479	ng	97
27) 2,4-Dimethylphenol	7.69	122	583327	44.855	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	826897	42.488	ng	100
29) 2,4-Dichlorophenol	7.89	162	572685	42.962	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	614267	40.669	ng	99
31) Naphthalene	8.05	128	1956487	41.896	ng	99
32) Benzoic acid	7.83	122	470290	41.176	ng	95
33) 4-Chloroaniline	8.09	127	285938	14.065	ng	98
34) Hexachlorobutadiene	8.16	225	351341	38.859	ng	99
35) Caprolactam	8.47	113	98235	24.091	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	625129	43.315	ng	95
37) 2-Methylnaphthalene	8.74	142	1310863	41.404	ng	99
38) 1-Methylnaphthalene	8.84	142	1250973	41.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	572951	38.958	ng	99

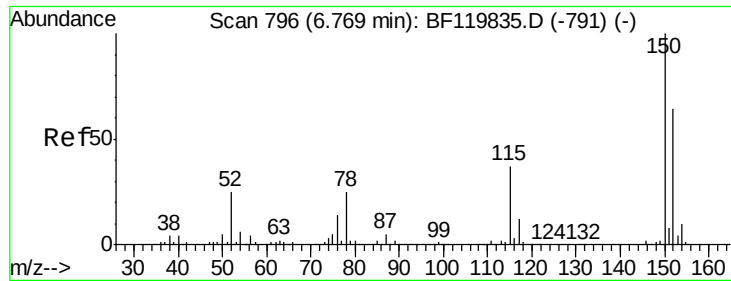
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119926.D
 Acq On : 13 Apr 2020 20:25
 Operator : MA/SJ
 Sample : L2225-01MS
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	683027	81.673	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	427930	42.136	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	441477	38.596	ng	94
46) 1,1'-Biphenyl	9.20	154	1555064	39.566	ng	97
47) 2-Chloronaphthalene	9.23	162	1235591	40.810	ng	97
48) 2-Nitroaniline	9.33	65	439466	40.054	ng	96
49) Acenaphthylene	9.65	152	1917616	41.646	ng	99
50) Dimethylphthalate	9.52	163	1555863	43.198	ng	99
51) 2,6-Dinitrotoluene	9.57	165	333342	42.264	ng	# 82
52) Acenaphthene	9.82	154	1174959	38.253	ng	99
53) 3-Nitroaniline	9.74	138	182175	20.224	ng	91
54) 2,4-Dinitrophenol	9.85	184	384098	81.342	ng	98
55) Dibenzofuran	9.99	168	1761443	41.791	ng	99
56) 4-Nitrophenol	9.92	139	572908	85.480	ng	86
57) 2,4-Dinitrotoluene	9.98	165	435262	41.887	ng	98
58) Fluorene	10.33	166	1333610	39.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	375651	42.940	ng	98
60) Diethylphthalate	10.21	149	1487504	39.849	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	635038	36.756	ng	98
62) 4-Nitroaniline	10.36	138	358003	41.704	ng	99
63) Azobenzene	10.49	77	1389461	41.534	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	250316	42.582	ng	90
66) n-Nitrosodiphenylamine	10.45	169	1232976	41.550	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	432055	38.936	ng	96
68) Hexachlorobenzene	10.88	284	465012	41.309	ng	97
69) Atrazine	10.98	200	386443	46.805	ng	98
70) Pentachlorophenol	11.07	266	509994	78.616	ng	98
71) Phenanthrene	11.29	178	1943793	40.932	ng	98
72) Anthracene	11.35	178	1995570	41.136	ng	99
73) Carbazole	11.50	167	1839842	40.104	ng	98
74) Di-n-butylphthalate	11.84	149	2286579	37.914	ng	99
75) Fluoranthene	12.48	202	2124639	41.465	ng	99
77) Benzidine	12.60	184	1056183	50.012	ng	97
78) Pyrene	12.71	202	2120584	40.263	ng	99
80) Butylbenzylphthalate	13.33	149	983525	38.485	ng	100
81) Benzo(a)anthracene	13.90	228	1693631	41.207	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	369322	24.083	ng	98
83) Chrysene	13.94	228	1779889	42.620	ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1246497	36.017	ng	99
85) Di-n-octyl phthalate	14.51	149	2313235	39.256	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1593674	43.292	ng	98
88) Benzo(b)fluoranthene	14.93	252	1780209	39.534	ng	98
89) Benzo(k)fluoranthene	14.96	252	1720317	44.278	ng	98
90) Benzo(a)pyrene	15.28	252	1546277	40.841	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	1328684	39.619	ng	98
92) Benzo(g,h,i)perylene	17.16	276	1299397	39.252	ng	97

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

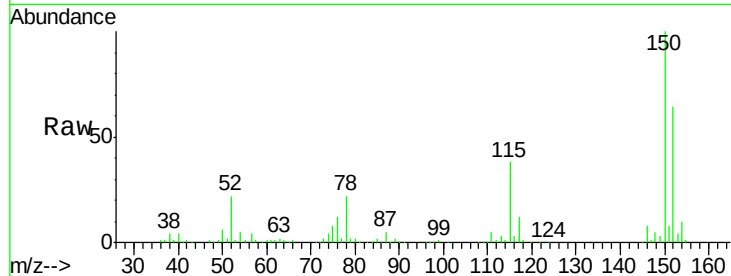


#1

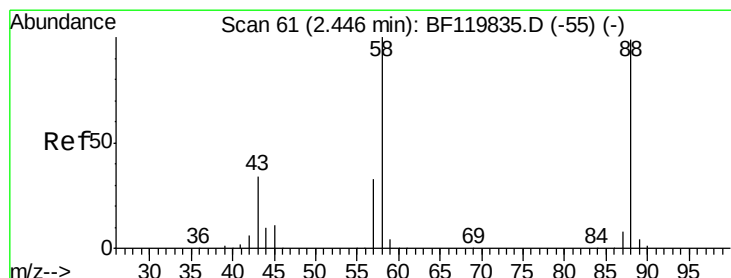
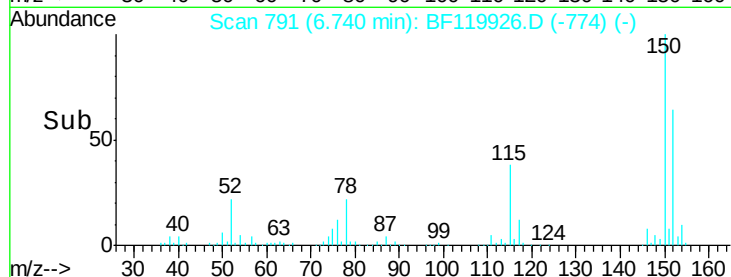
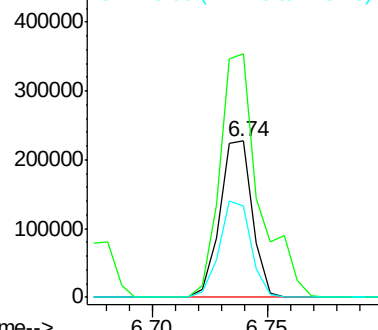
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:152 Resp: 224117
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 58.7 46.5 69.7



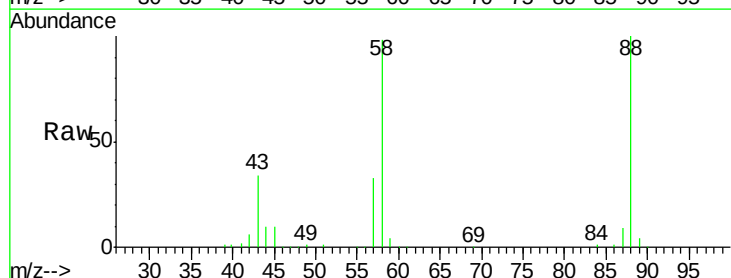
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



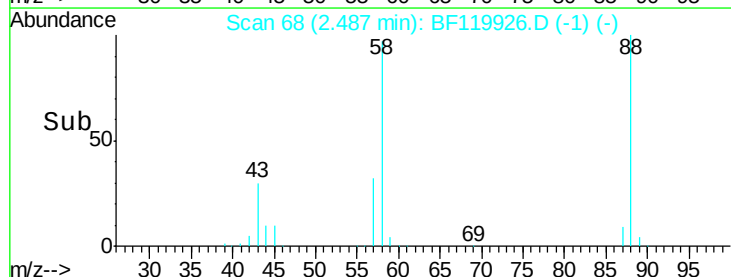
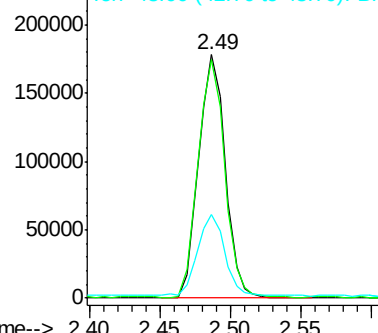
#2

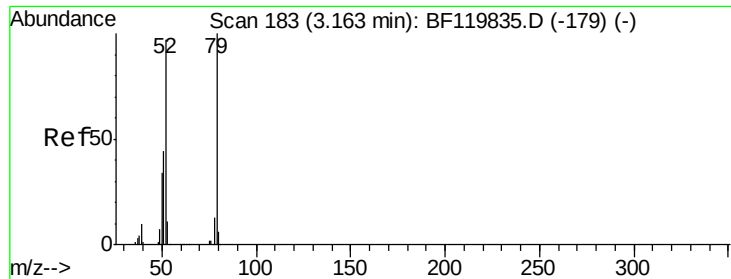
1,4-Dioxane
Concen: 40.561 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.10 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion: 88 Resp: 234283
Ion Ratio Lower Upper
88 100
58 97.4 82.6 123.8
43 33.5 28.6 42.8



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

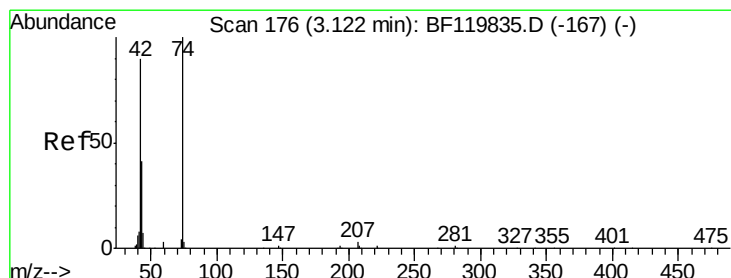
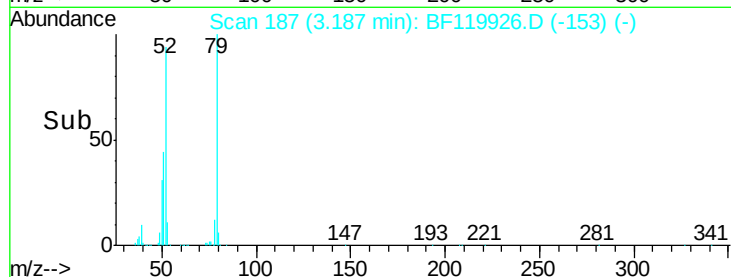
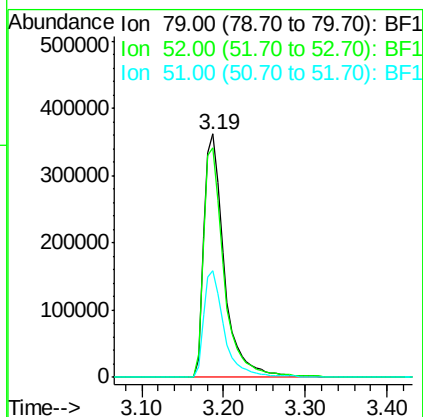
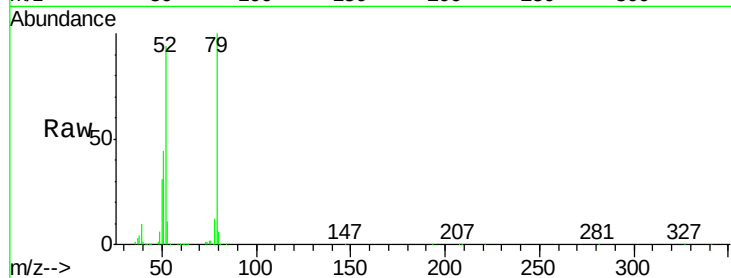




#3
 Pvridine
 Concen: 39.887 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.10 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

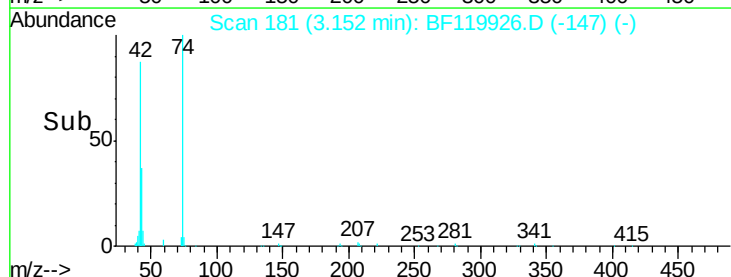
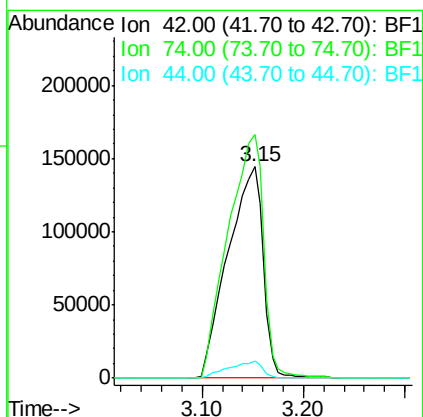
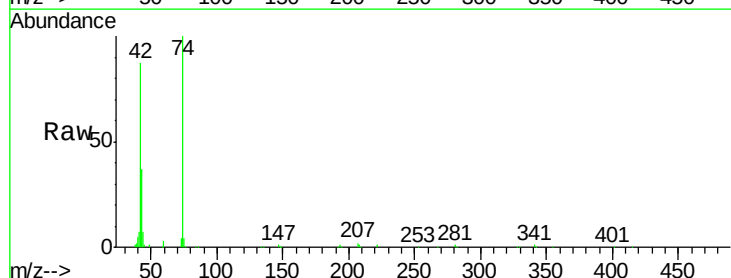
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

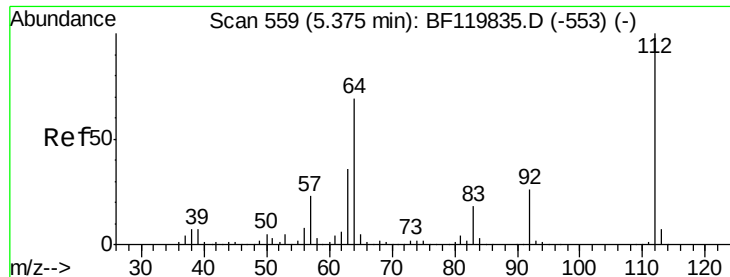
Tot Ion: 79 Resp: 632119
 Ion Ratio Lower Upper
 79 100
 52 94.2 77.4 116.0
 51 44.0 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 42.996 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.10 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion: 42 Resp: 348140
 Ion Ratio Lower Upper
 42 100
 74 115.2 89.0 133.4
 44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 61.468 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

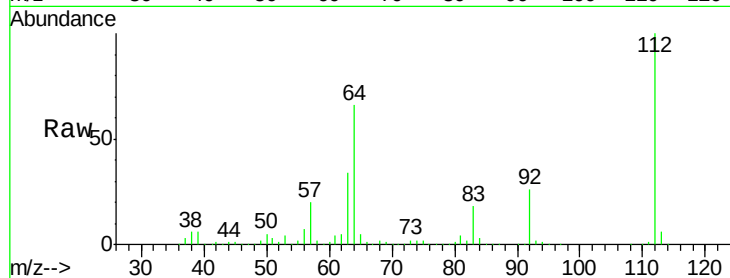
Tot Ion: 112 Resp: 797139

Ion Ratio Lower Upper

112 100

64 66.4 55.5 83.3

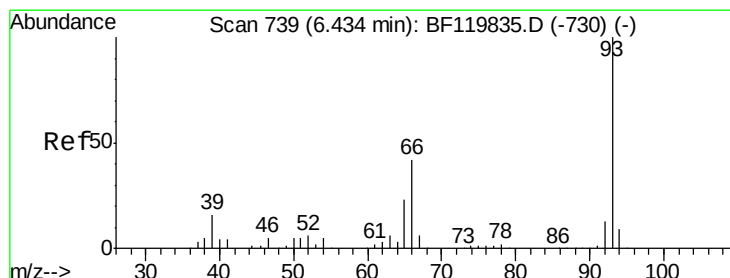
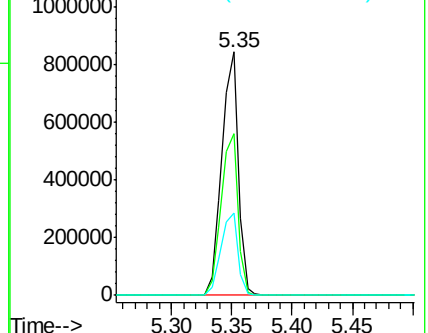
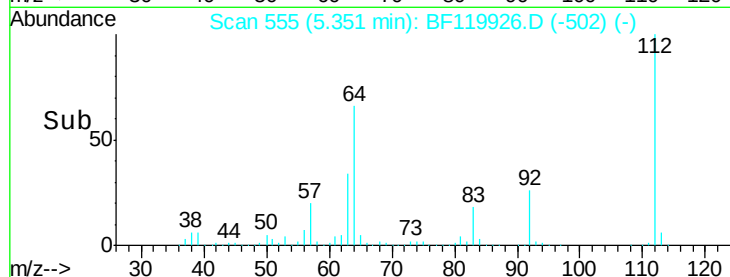
63 33.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.390 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

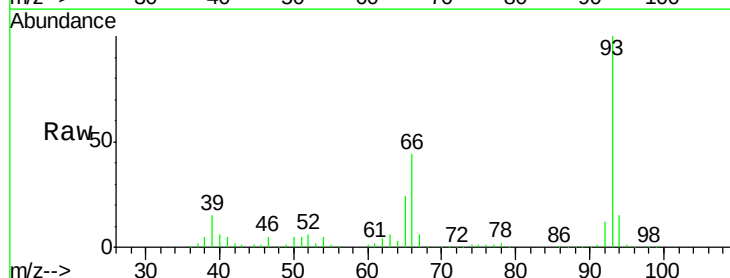
Tgt Ion: 93 Resp: 666530

Ion Ratio Lower Upper

93 100

66 44.2 34.2 51.2

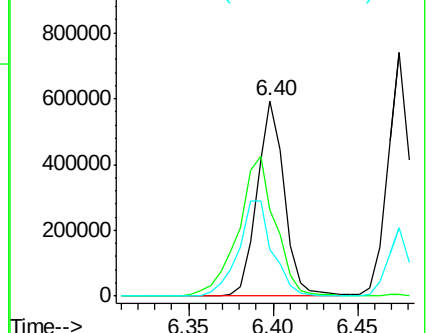
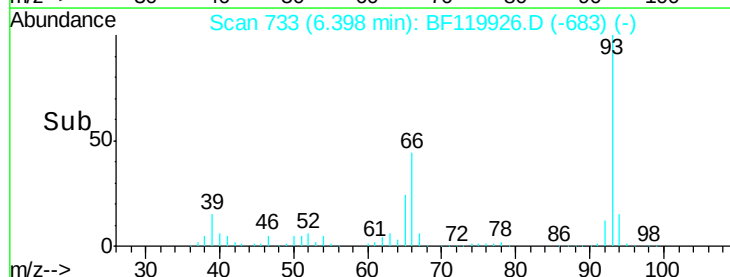
65 23.8 18.3 27.5

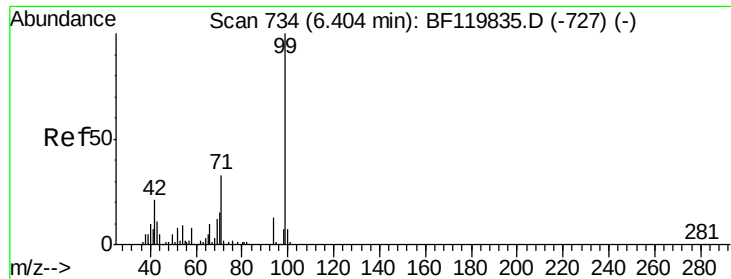


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 60.612 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

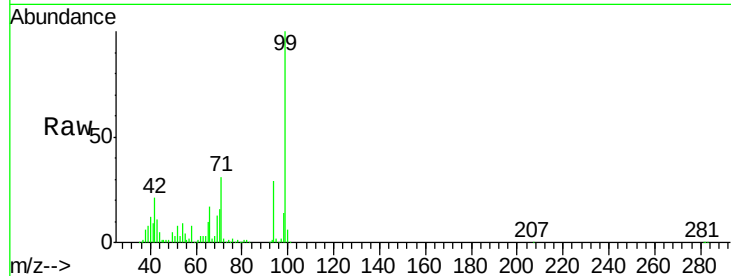
BNA_F

ClientSampleId :

TP-2MS

Tot Ion: 99 Resp: 1012847

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	31.3	26.3	39.5

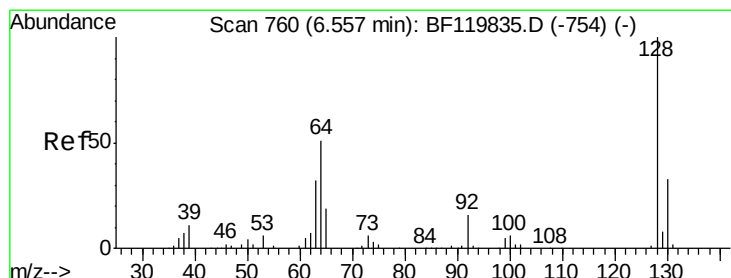
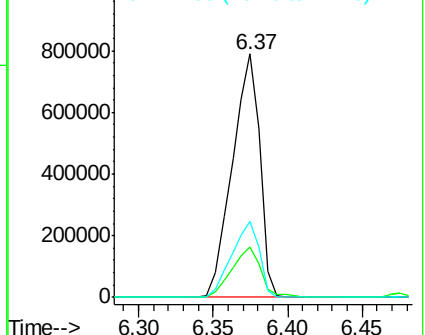
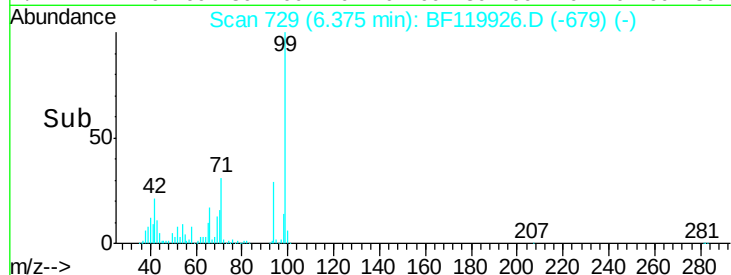


Abundance

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: 47.518 ng

RT: 6.52 min Scan# 754

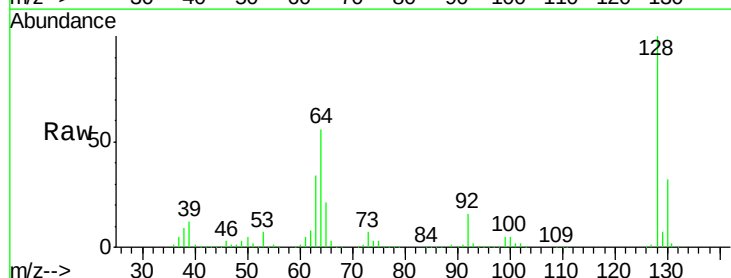
Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion: 128 Resp: 688528

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	56.5	32.0	72.0

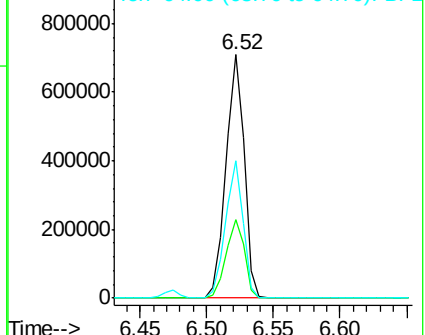
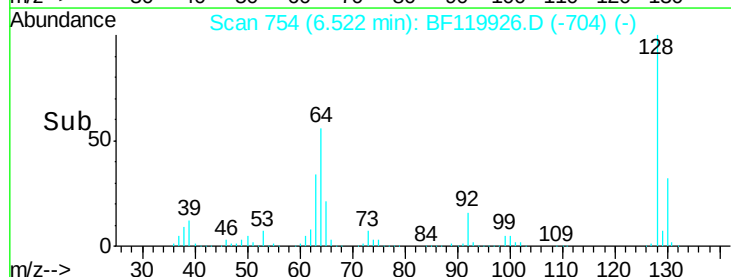


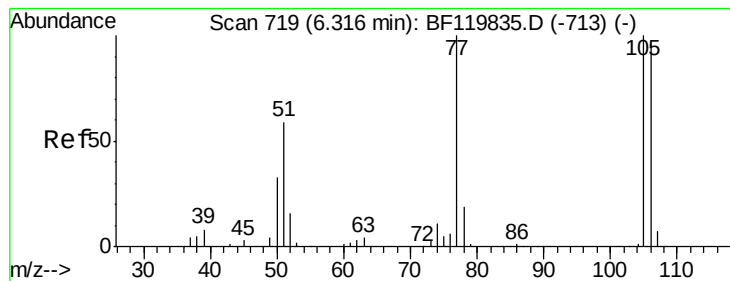
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.143 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

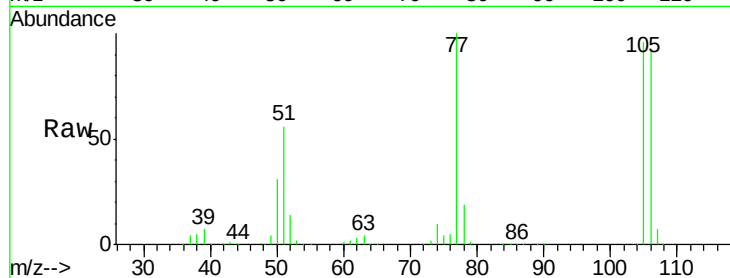
Tot Ion: 77 Resp: 326105

Ion Ratio Lower Upper

77 100

105 96.3 79.9 119.9

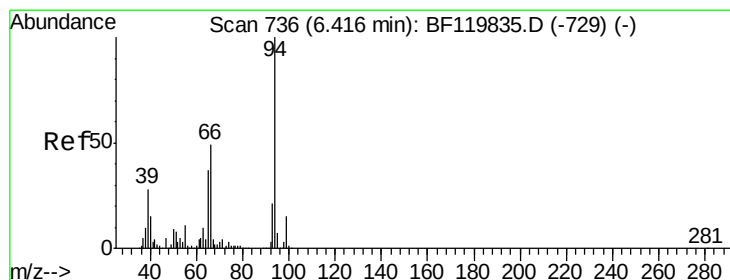
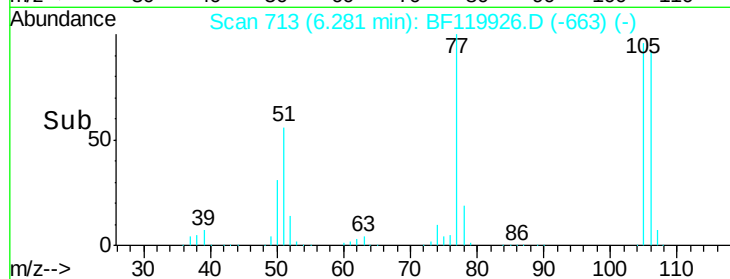
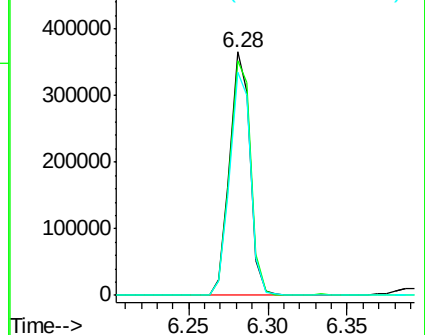
106 91.9 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.267 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

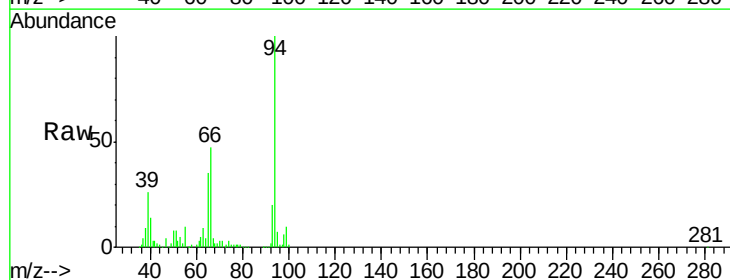
Tgt Ion: 94 Resp: 877117

Ion Ratio Lower Upper

94 100

65 34.9 16.6 56.6

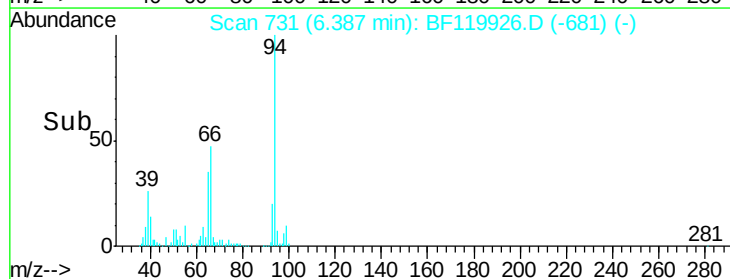
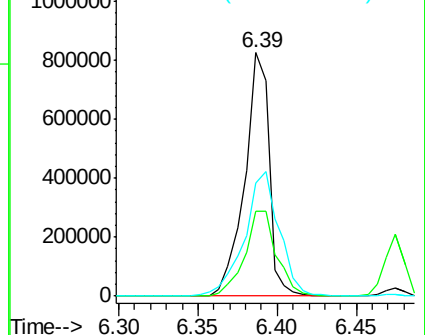
66 46.5 29.3 69.3

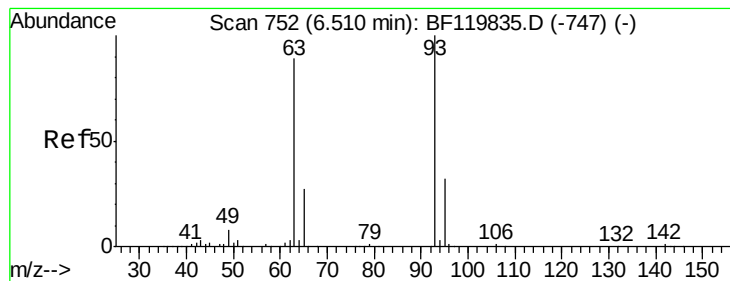


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.143 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

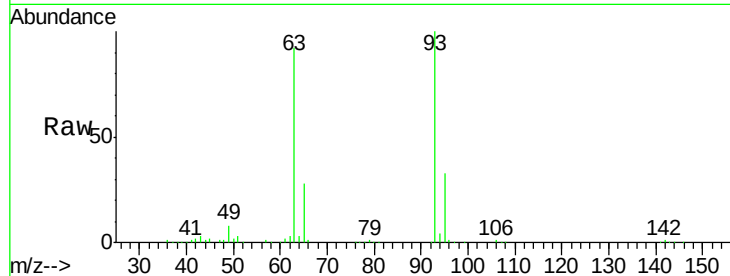
Tot Ion: 93 Resp: 646148

Ion Ratio Lower Upper

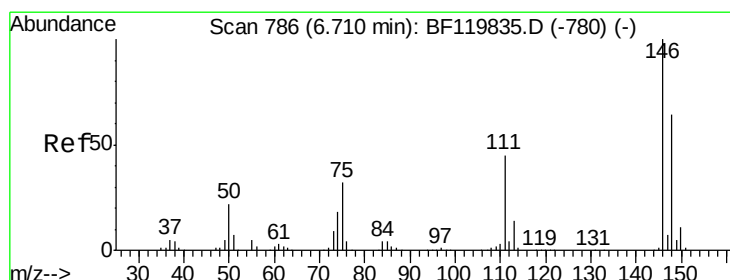
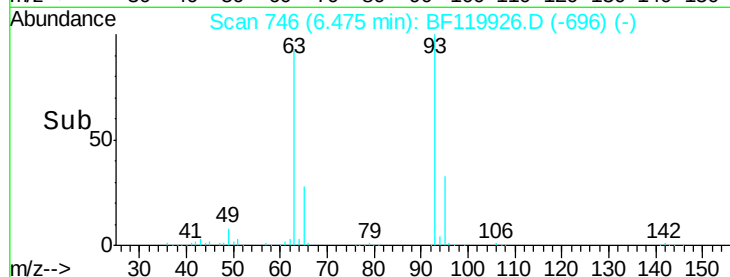
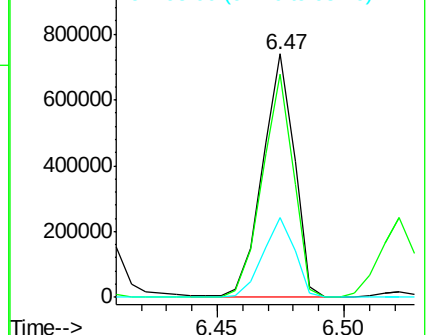
93 100

63 91.6 69.1 109.1

95 32.5 12.3 52.3



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: 43.280 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

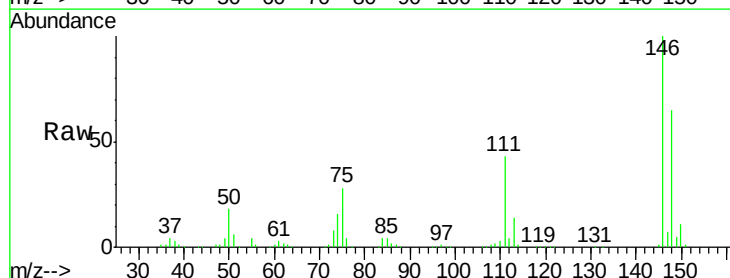
Tgt Ion: 146 Resp: 686569

Ion Ratio Lower Upper

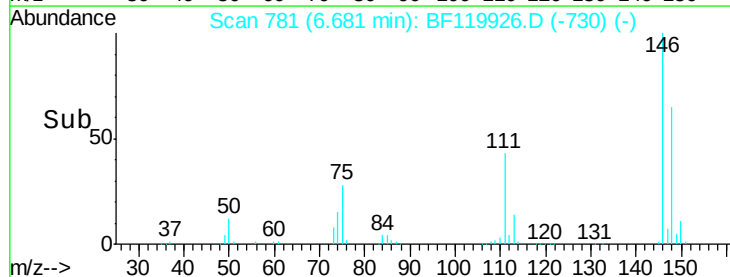
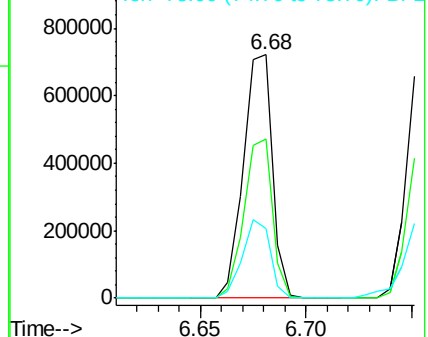
146 100

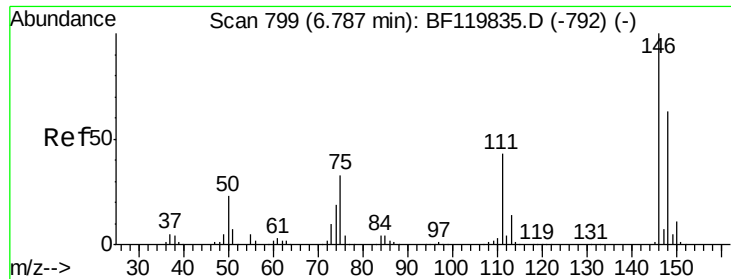
148 65.5 51.3 76.9

75 28.3 25.3 37.9



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

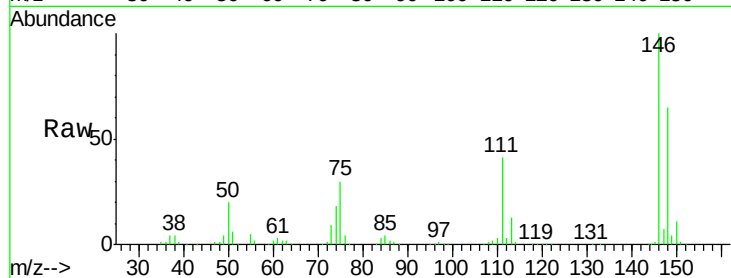




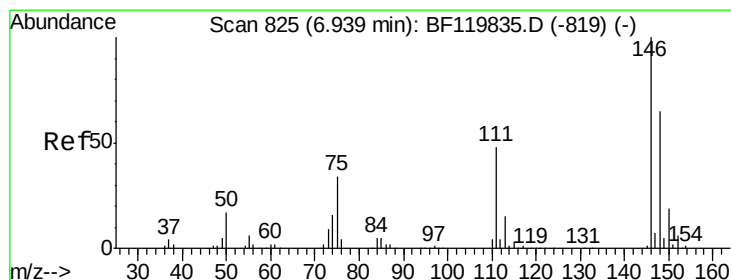
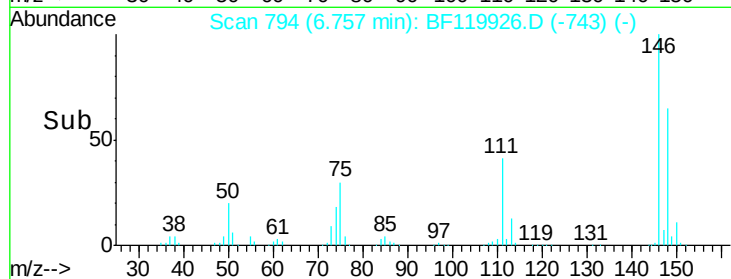
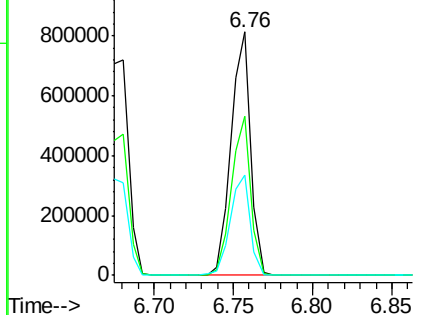
#13
 1,4-Dichlorobenzene
 Concen: 43.005 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion:146 Resp: 694937
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.5 75.7
 111 41.3 34.7 52.1

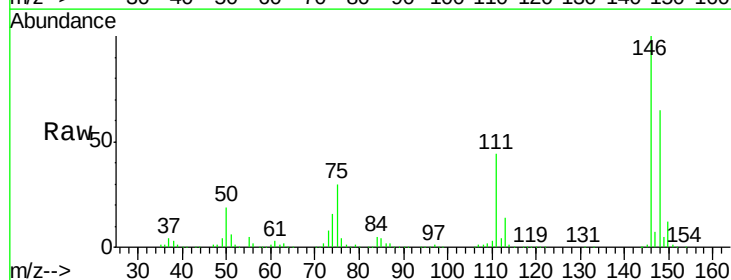


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

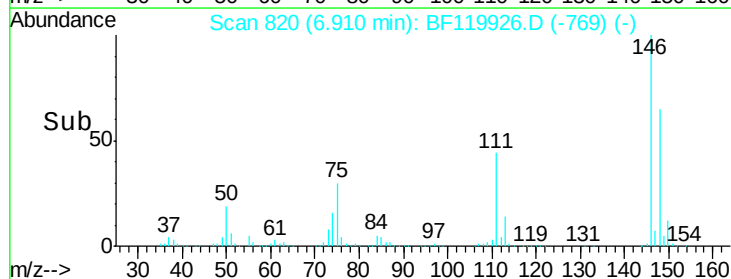
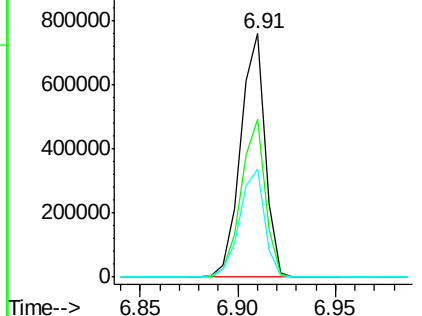


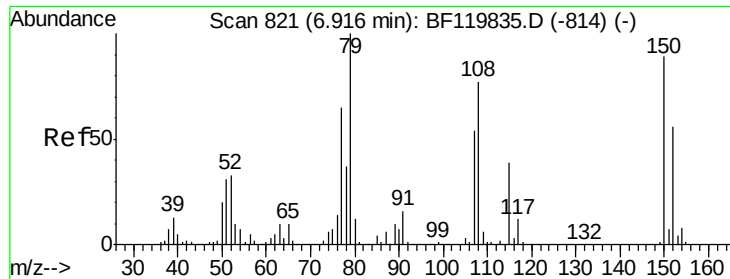
#14
 1,2-Dichlorobenzene
 Concen: 44.370 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:146 Resp: 660772
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 111 44.3 38.0 57.0



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

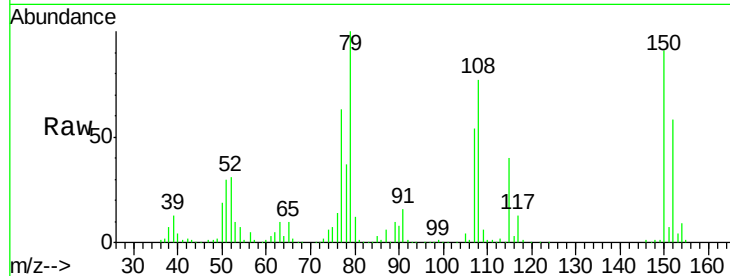




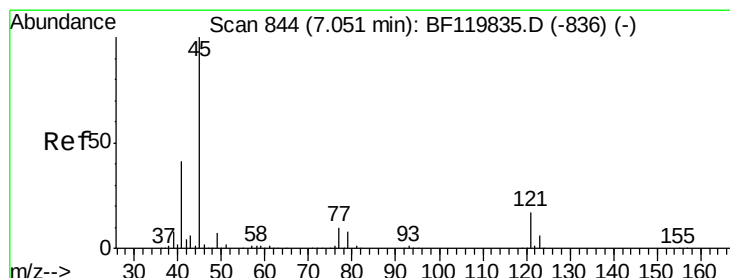
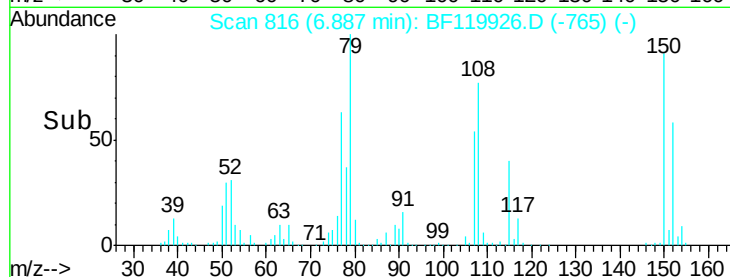
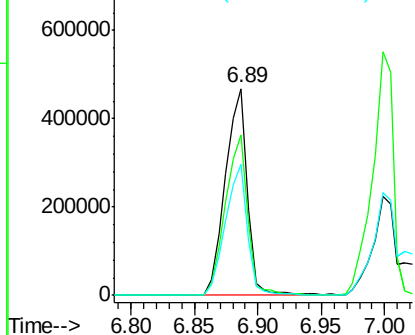
#15
Benzyl Alcohol
Concen: 43.401 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion: 79 Resp: 563306
Ion Ratio Lower Upper
79 100
108 77.3 62.0 93.0
77 63.0 51.8 77.6

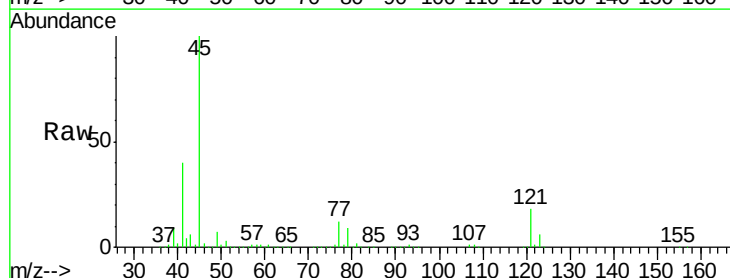


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

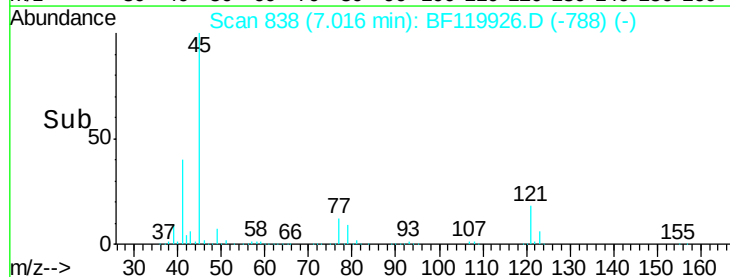
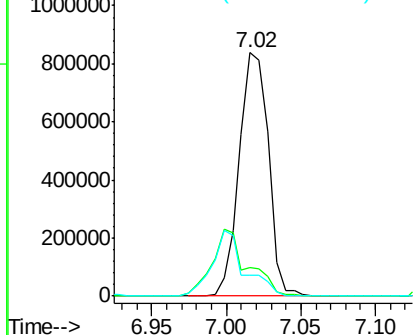


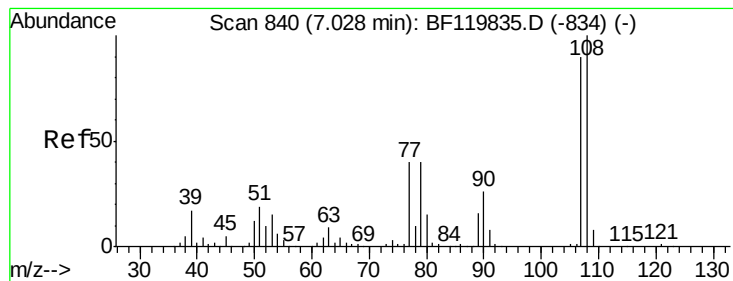
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.087 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion: 45 Resp: 1141826
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.7
79 8.6 0.0 28.6



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: 42.924 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:107 Resp: 555056

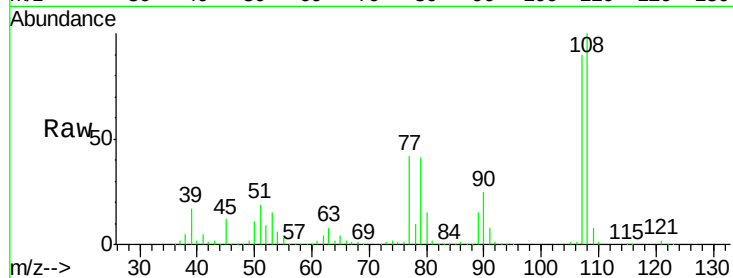
Ion Ratio Lower Upper

107 100

108 110.9 88.8 133.2

77 46.8 36.0 54.0

79 45.3 35.7 53.5

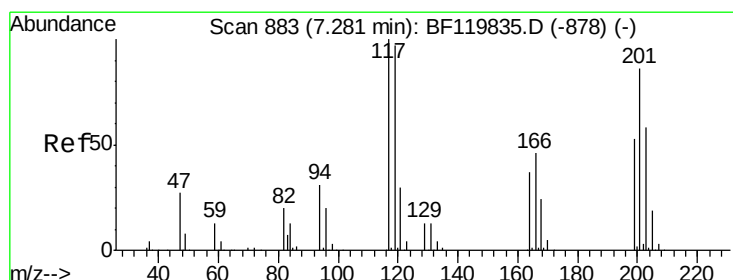
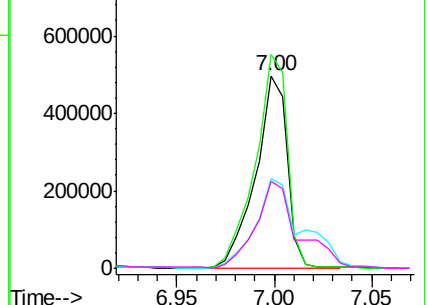
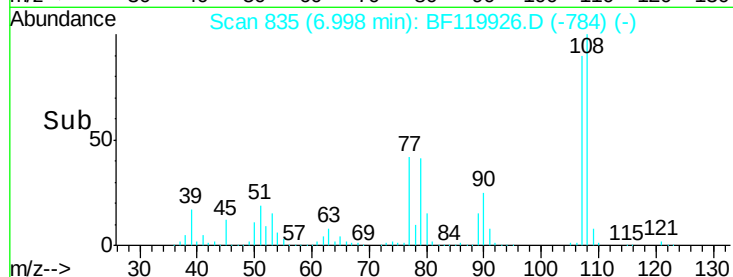


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.151 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

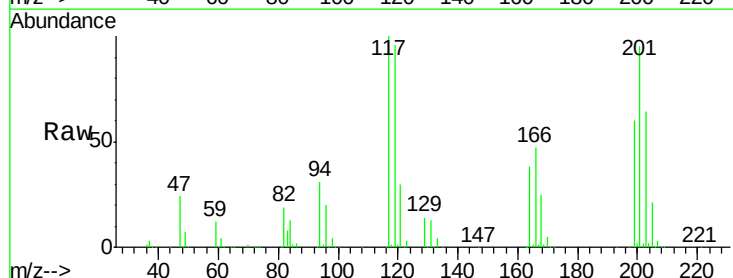
Tgt Ion:117 Resp: 266635

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

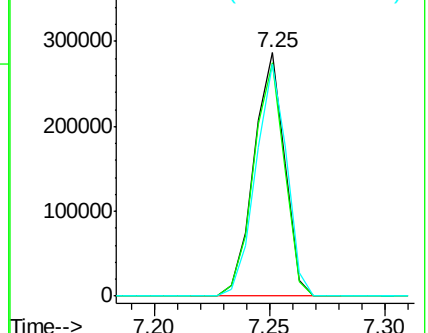
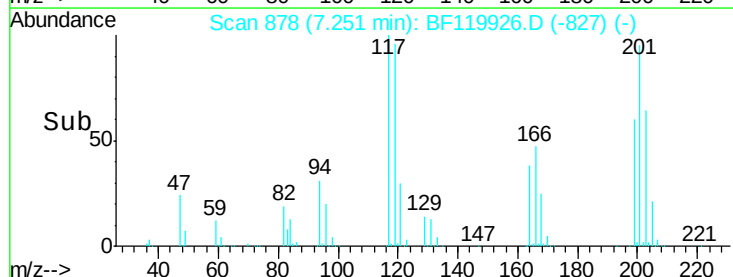
201 95.1 68.4 102.6

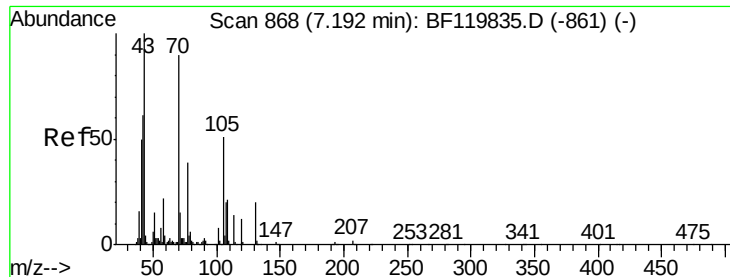


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

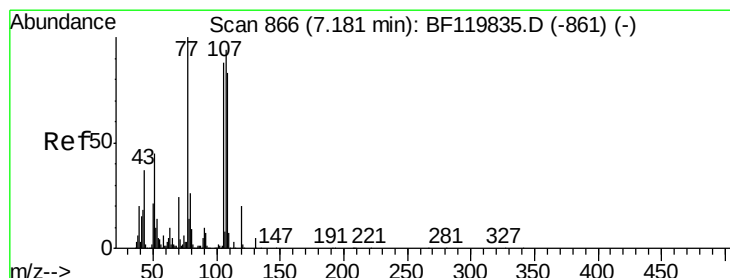
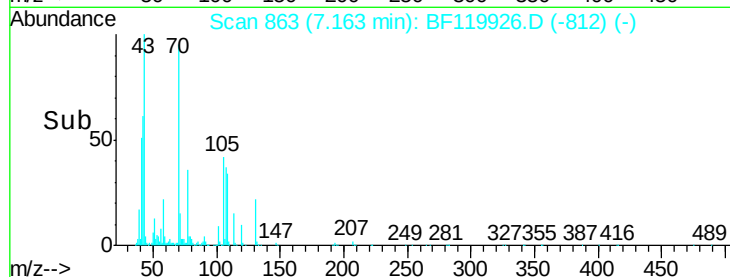
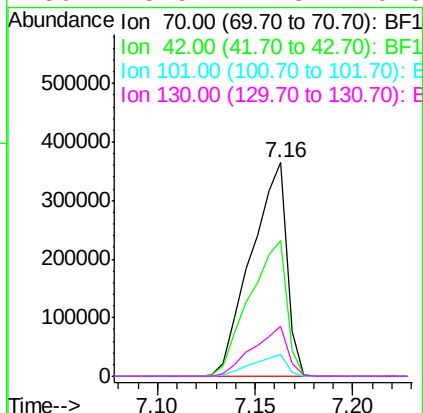
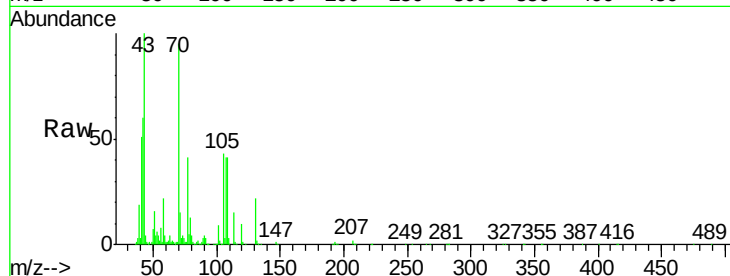




#19
n-Nitroso-di-n-propylamine
Concen: 43.112 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

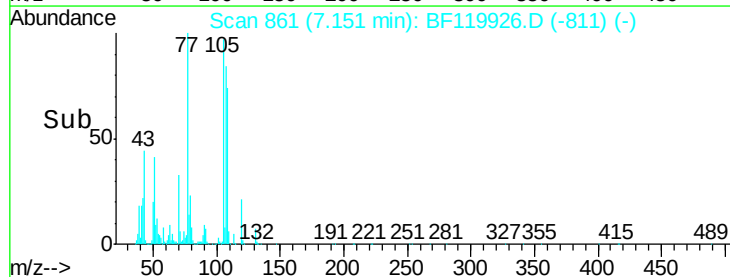
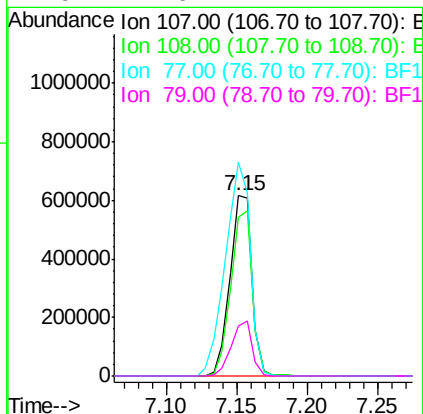
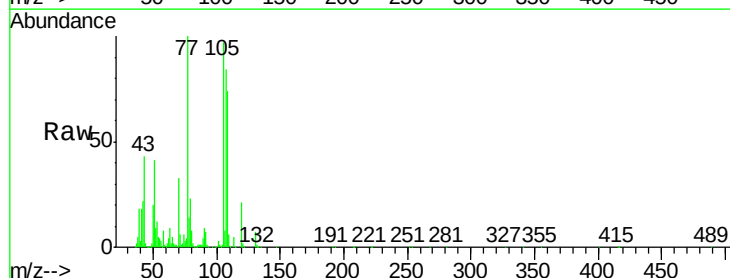
Instrument :
BNA_F
ClientSampleId :
TP-2MS

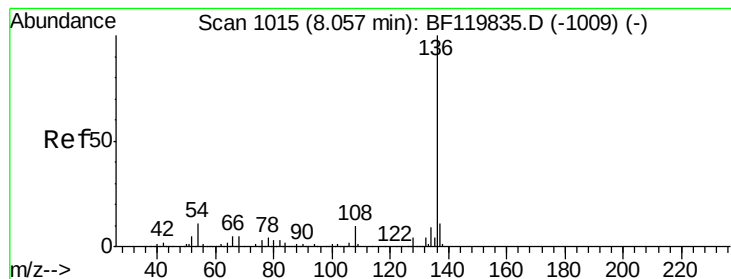
Tot Ion: 70 Resp: 463268
Ion Ratio Lower Upper
70 100
42 63.6 54.2 81.4
101 9.9 7.4 11.2
130 23.5 17.8 26.6



#20
3+4-Methylphenols
Concen: 42.195 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:107 Resp: 667313
Ion Ratio Lower Upper
107 100
108 88.4 68.2 108.2
77 118.7 86.6 126.6
79 27.6 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:136 Resp: 887591

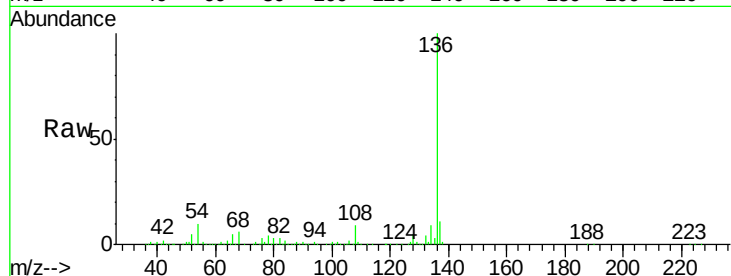
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.5 8.5 12.7

68 5.8 3.9 5.9

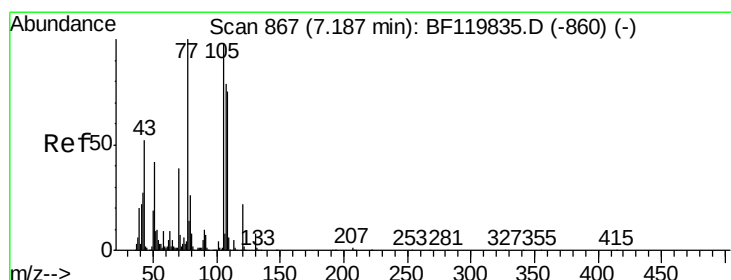
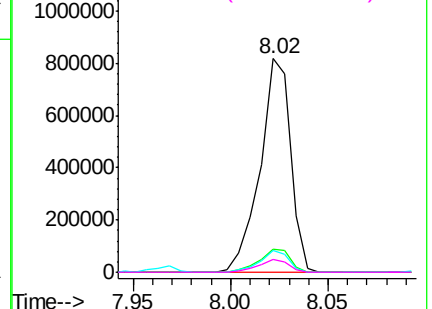
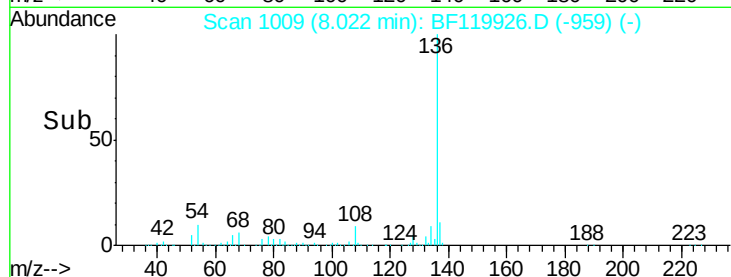


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.626 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:105 Resp: 885961

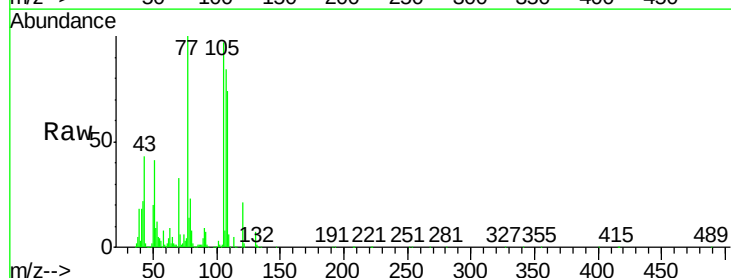
Ion Ratio Lower Upper

105 100

71 5.7 5.6 8.4

51 42.6 33.9 50.9

120 22.0 17.8 26.8

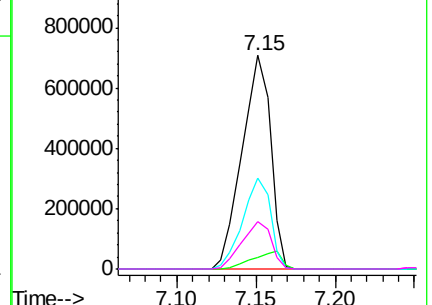
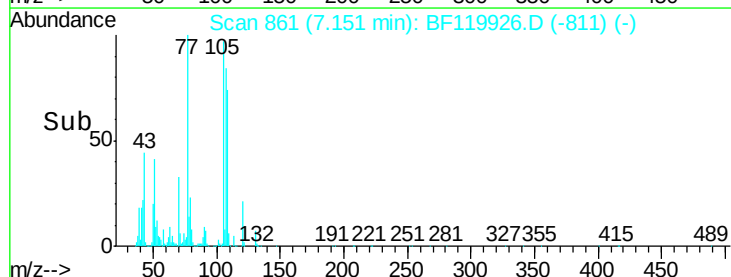


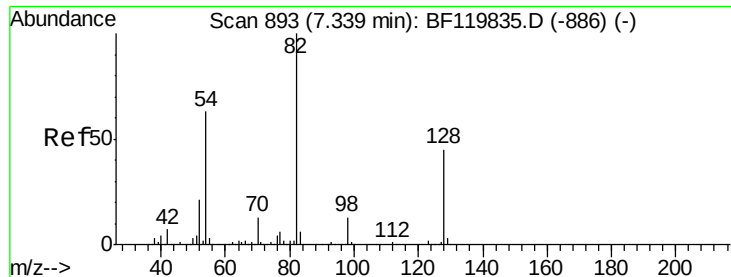
Abundance Ion 105.00 (104.70 to 105.70): E

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

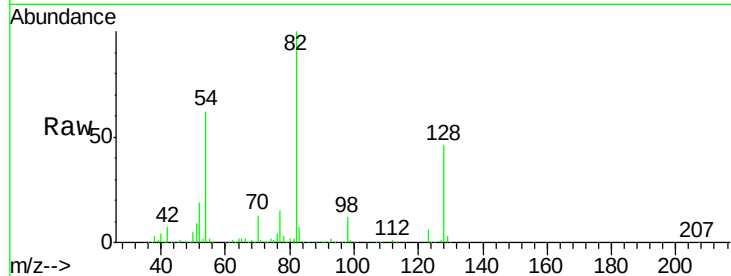




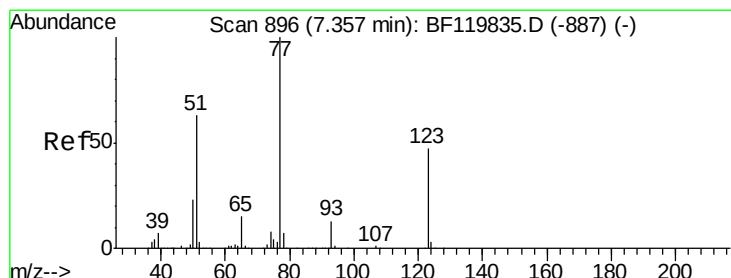
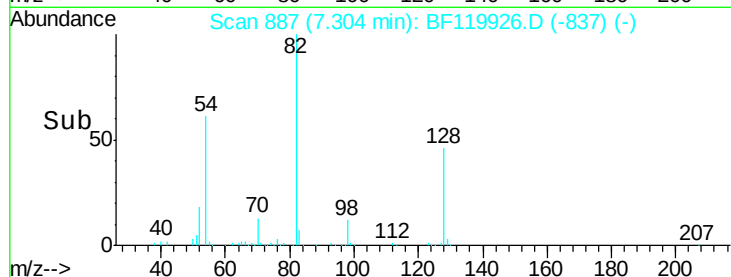
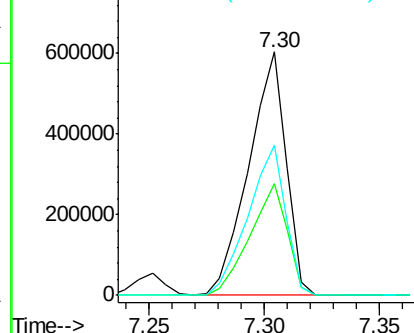
#23
Nitrobenzene-d5
Concen: 39.801 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	82	Resp	682863
Ion Ratio	100	Lower	Upper
128	45.9	36.2	54.4
54	61.6	50.4	75.6

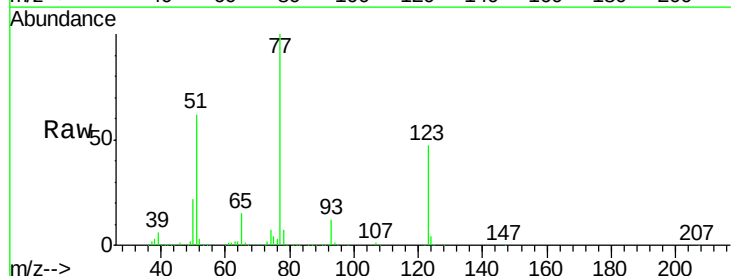


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

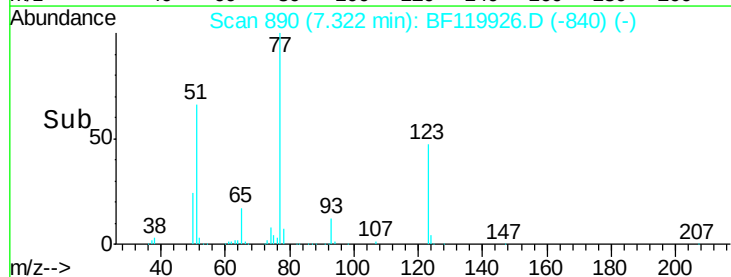
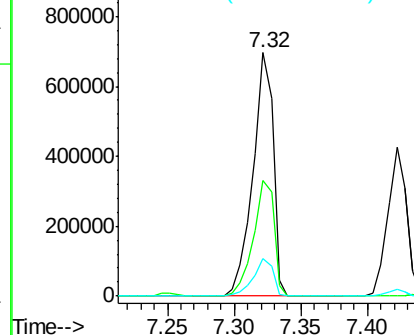


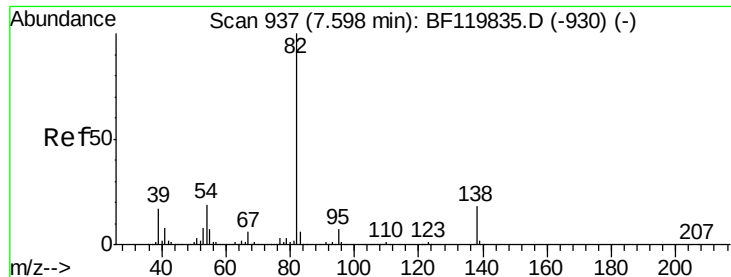
#24
Nitrobenzene
Concen: 41.651 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	77	Resp	718863
Ion Ratio	100	Lower	Upper
123	47.4	37.8	56.8
65	15.4	12.2	18.2



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: 40.184 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

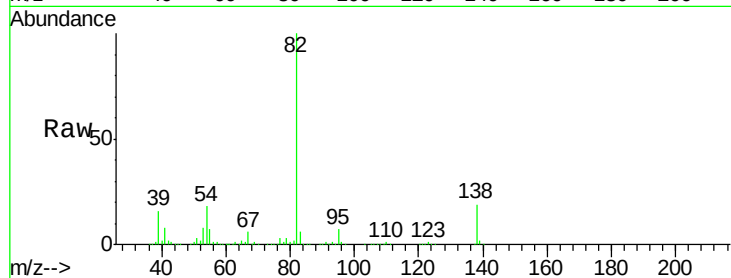
Tot Ion: 82 Resp: 1329027

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

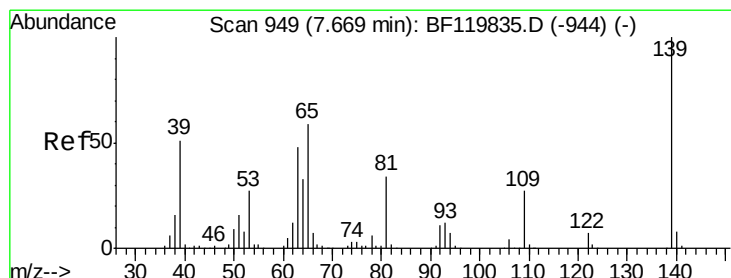
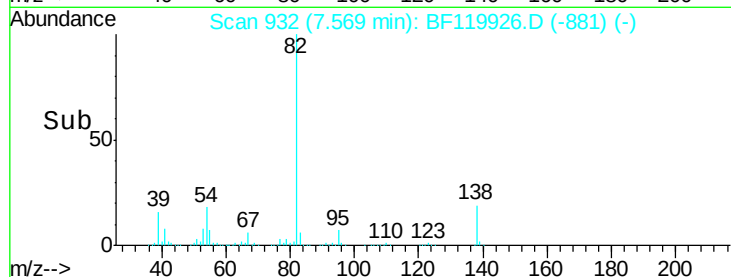
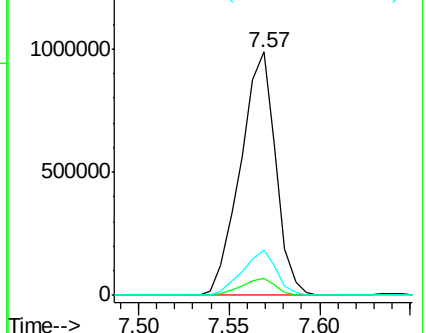
138 18.8 14.5 21.7



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: 43.479 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

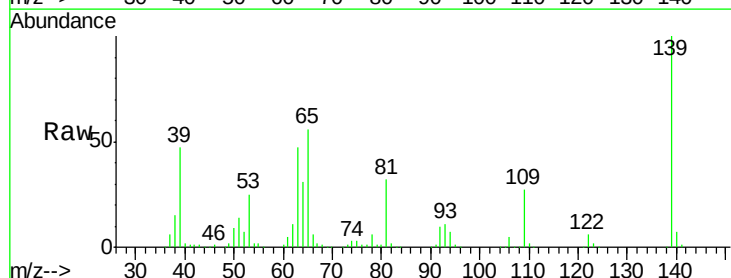
Tgt Ion:139 Resp: 374906

Ion Ratio Lower Upper

139 100

109 26.6 21.8 32.6

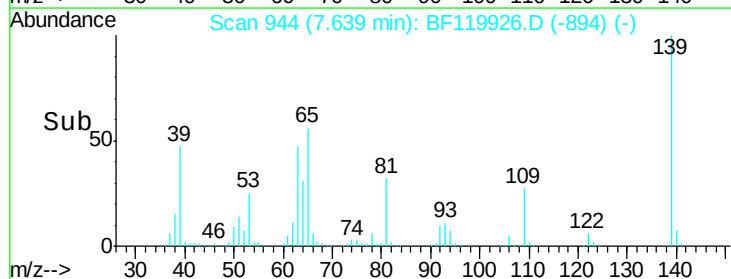
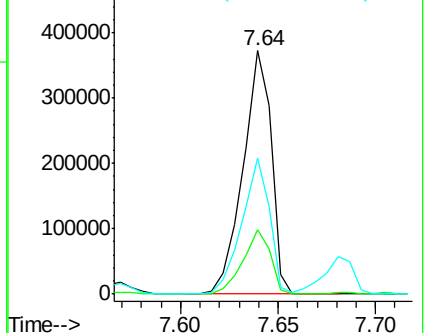
65 55.9 47.0 70.4

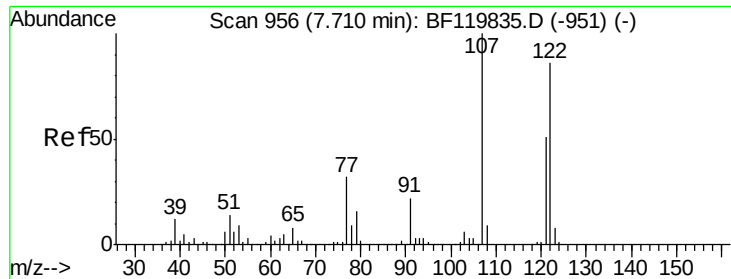


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

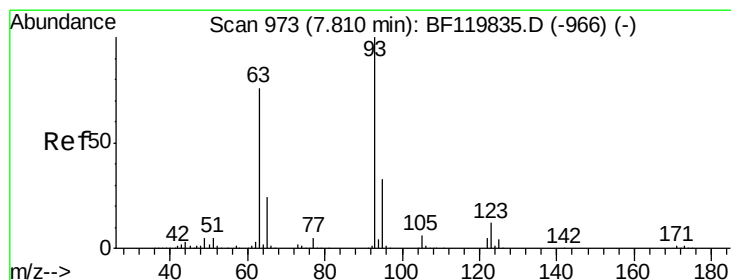
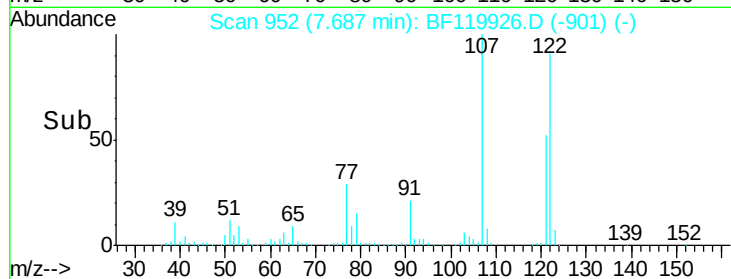
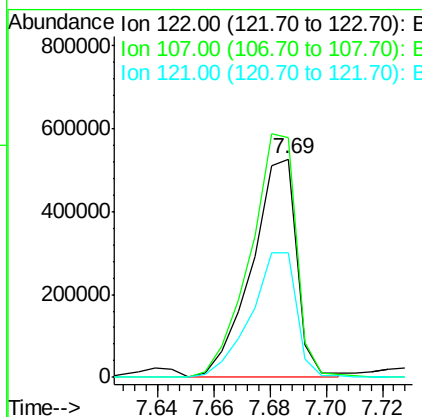
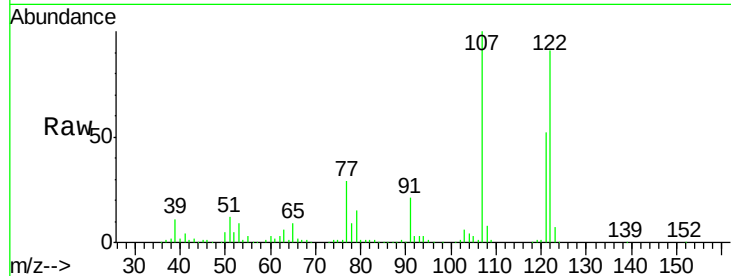




#27
 2,4-Dimethylphenol
 Concen: 44.855 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

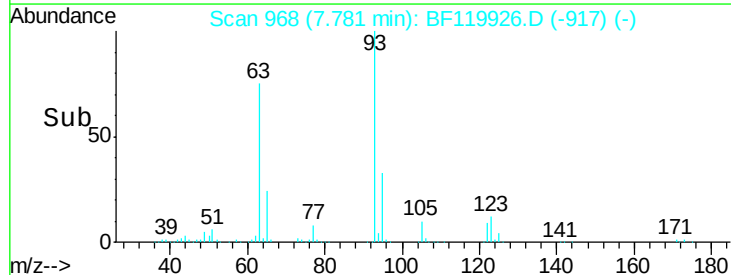
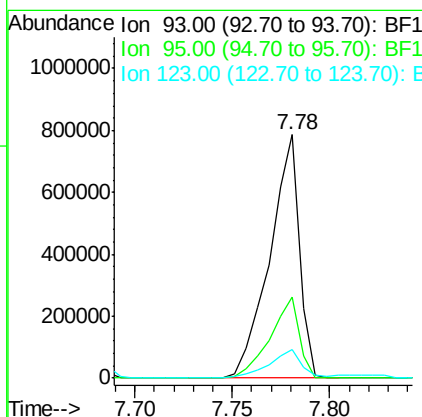
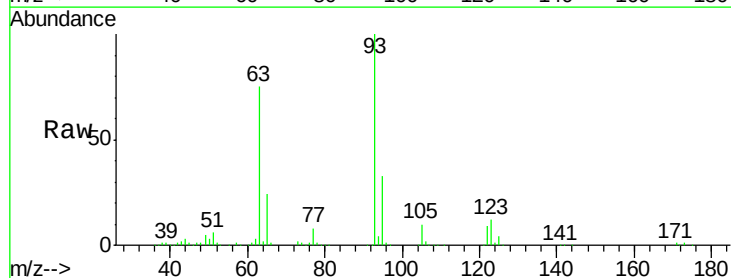
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

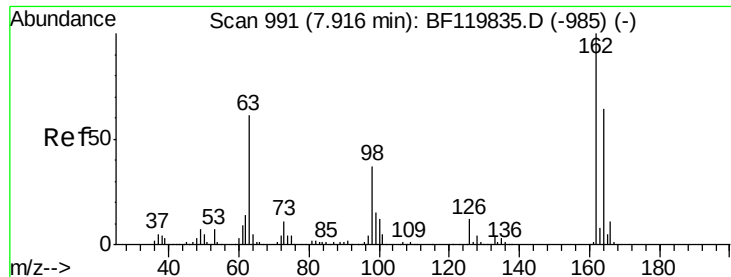
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	92.3	138.5
121	57.0	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.488 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 42.962 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

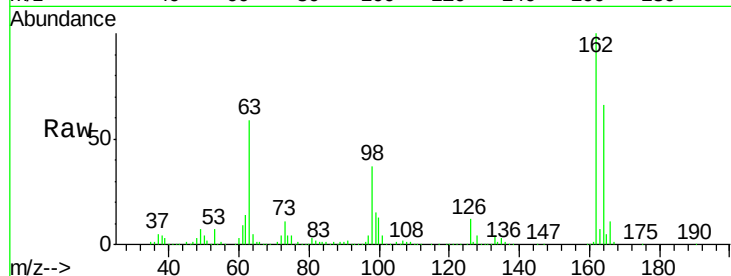
Tot Ion:162 Resp: 572685

Ion Ratio Lower Upper

162 100

164 66.0 44.4 84.4

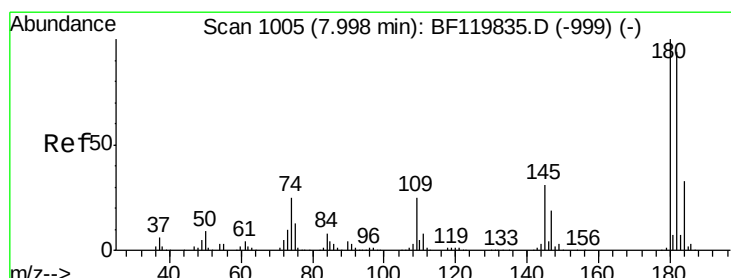
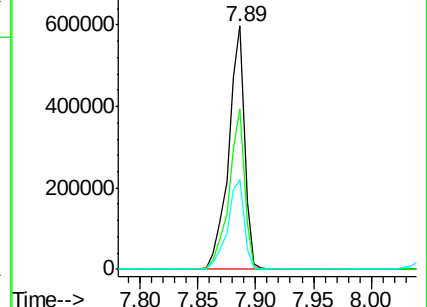
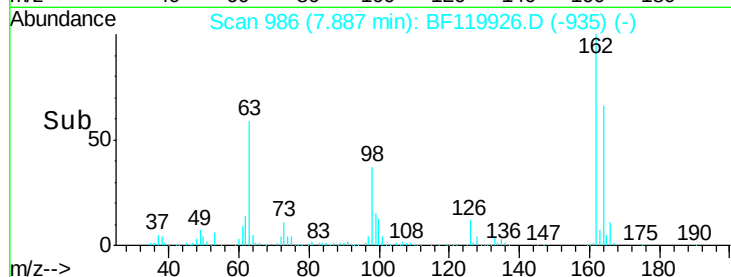
98 37.0 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.669 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

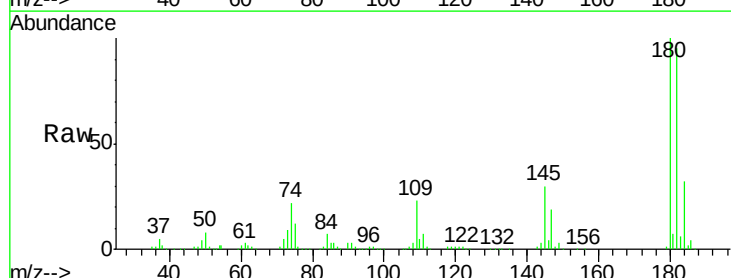
Tgt Ion:180 Resp: 614267

Ion Ratio Lower Upper

180 100

182 95.0 75.4 113.0

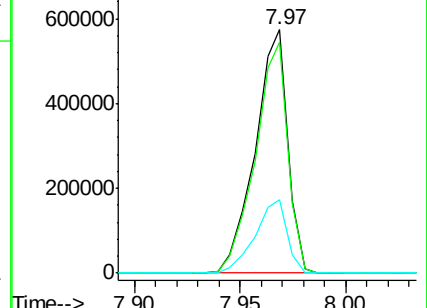
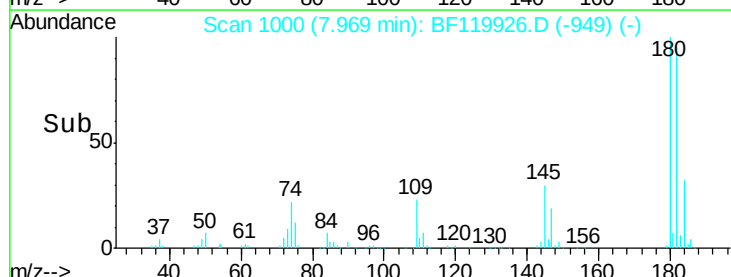
145 29.9 24.6 37.0

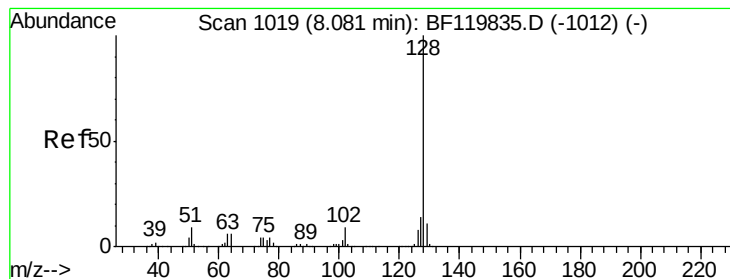


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.896 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

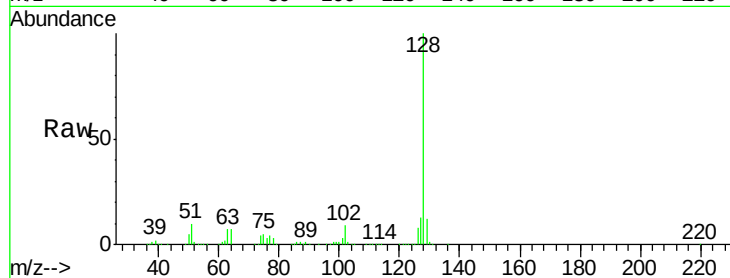
Tot Ion:128 Resp: 1956487

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

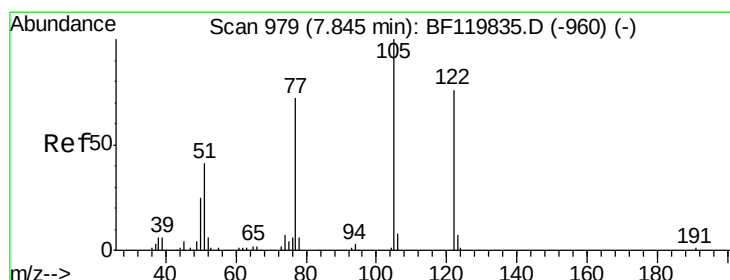
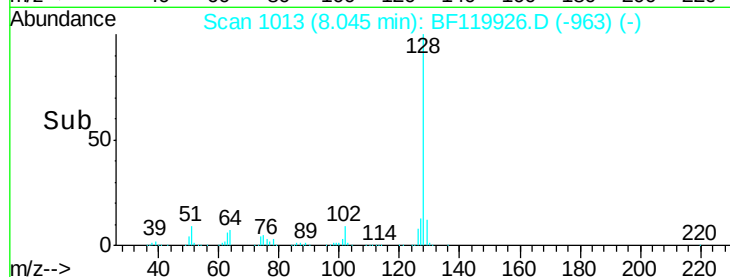
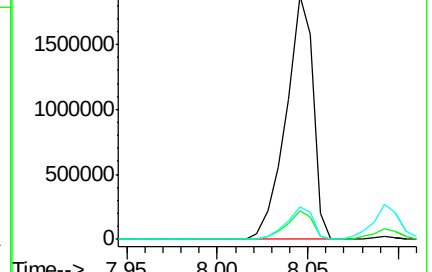
127 13.3 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.176 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

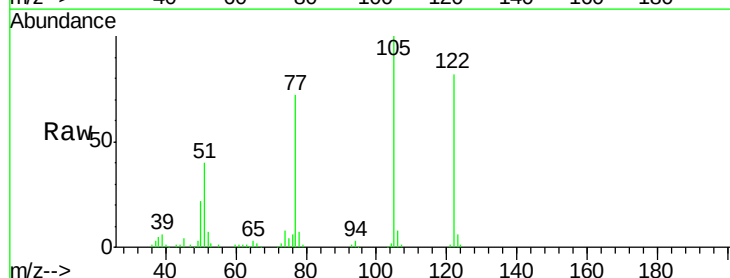
Tgt Ion:122 Resp: 470290

Ion Ratio Lower Upper

122 100

105 121.5 106.7 146.7

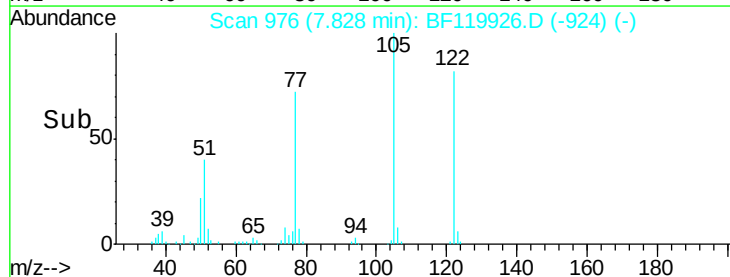
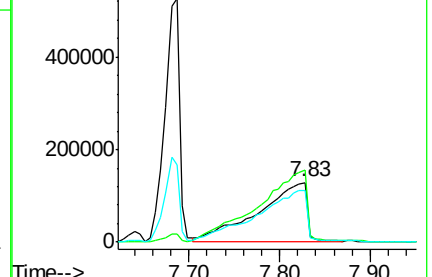
77 87.4 72.1 112.1

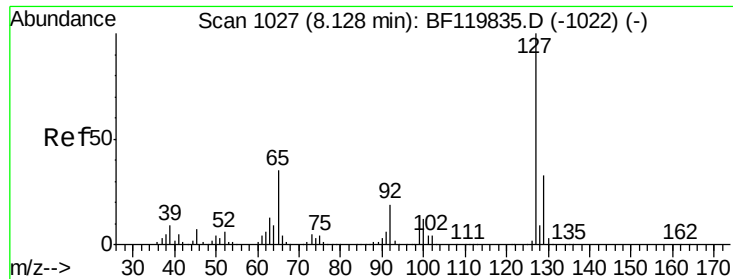


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

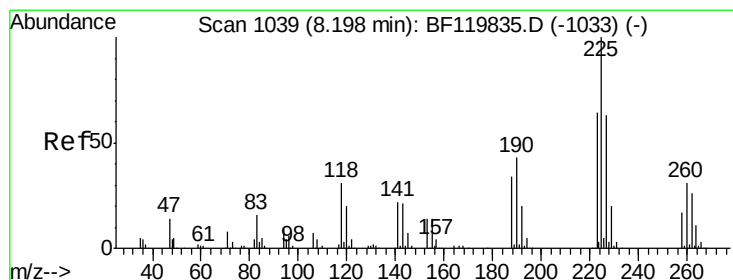
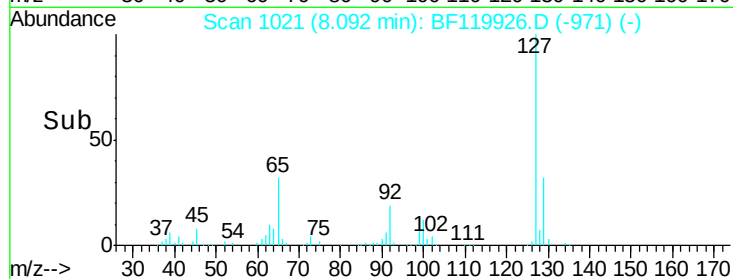
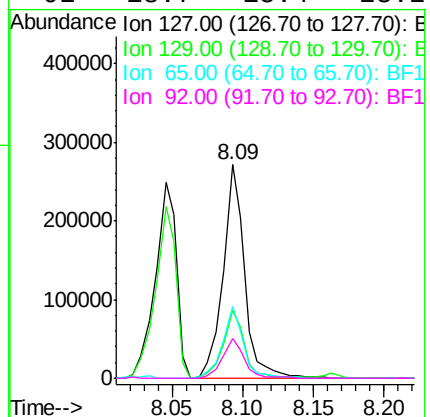
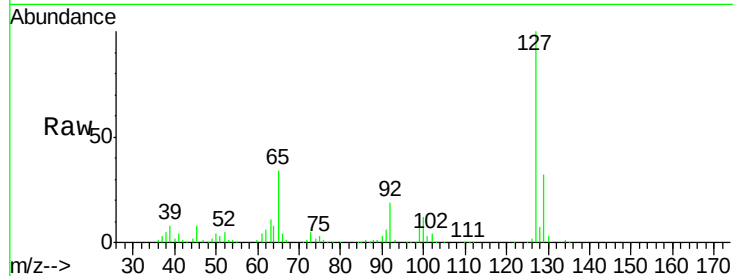




#33
4-Chloroaniline
Concen: 14.065 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

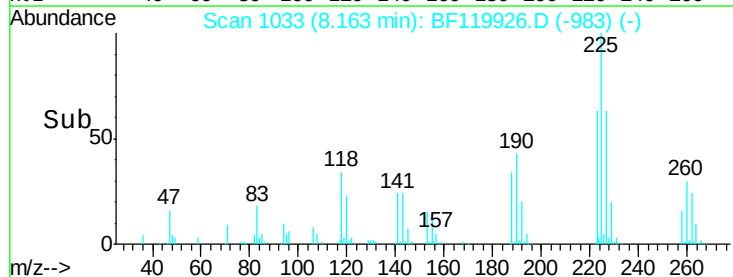
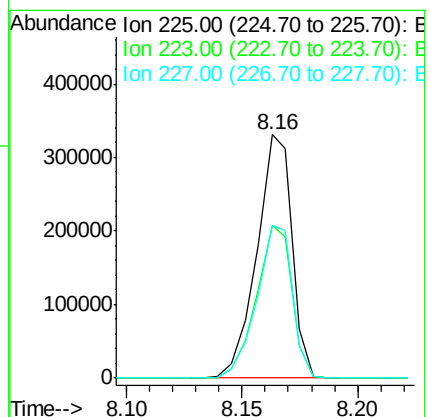
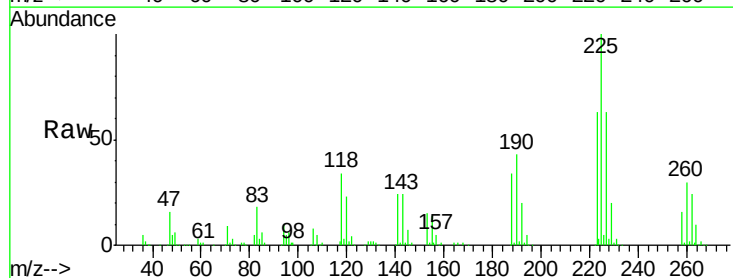
Instrument :
BNA_F
ClientSampleId :
TP-2MS

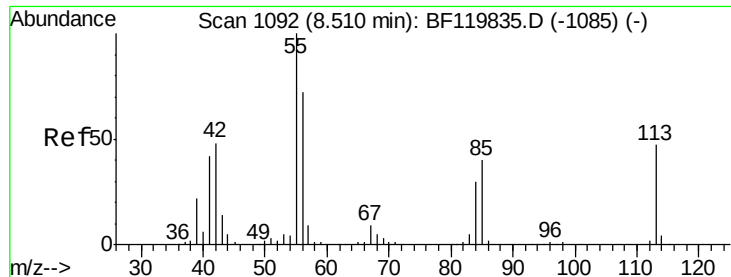
Tot Ion:	127	Resp:	285938
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	33.5	28.3	42.5
92	18.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.859 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:	225	Resp:	351341
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	62.7	50.4	75.6





#35

Caprolactam

Concen: 24.091 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

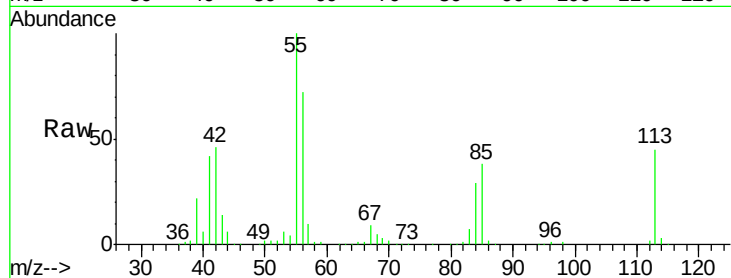
Tot Ion:113 Resp: 98235

Ion Ratio Lower Upper

113 100

55 223.4 192.7 232.7

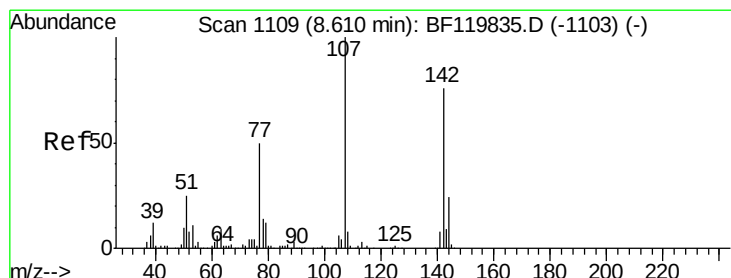
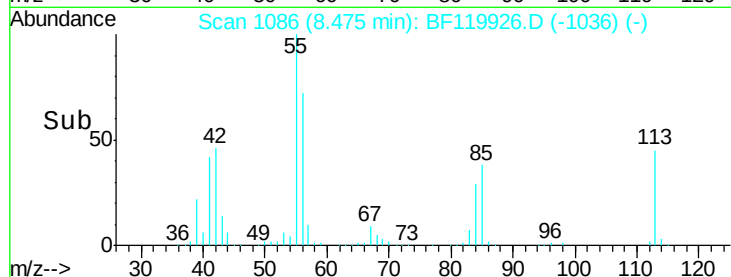
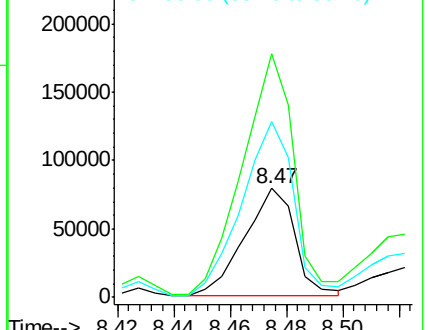
56 161.7 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.315 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

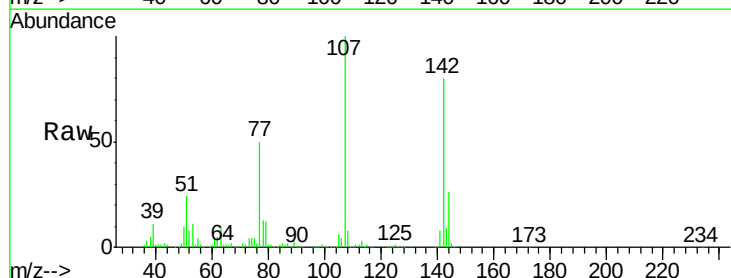
Tgt Ion:107 Resp: 625129

Ion Ratio Lower Upper

107 100

144 26.2 19.5 29.3

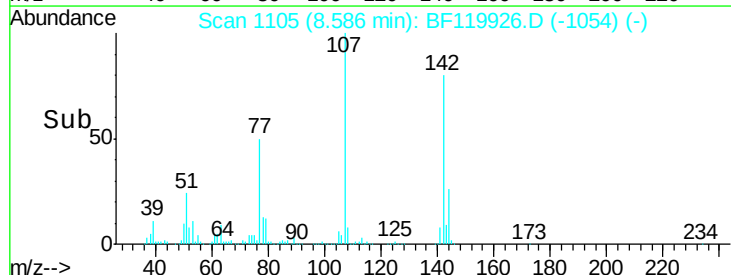
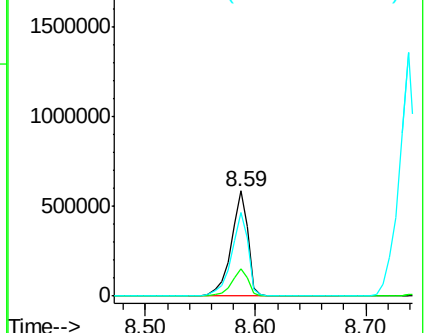
142 80.1 60.5 90.7

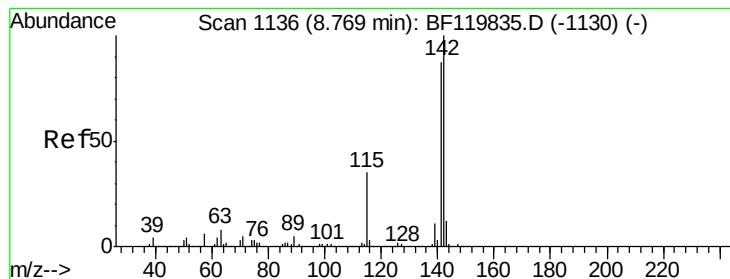


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.404 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

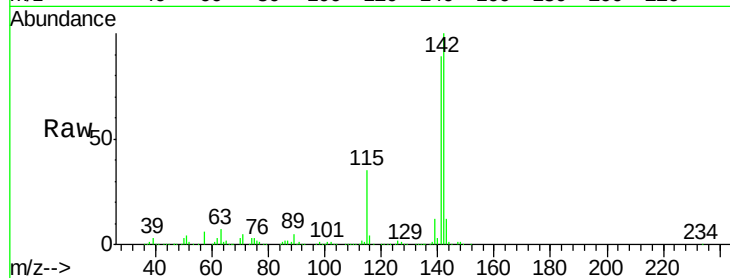
Tot Ion:142 Resp: 1310863

Ion Ratio Lower Upper

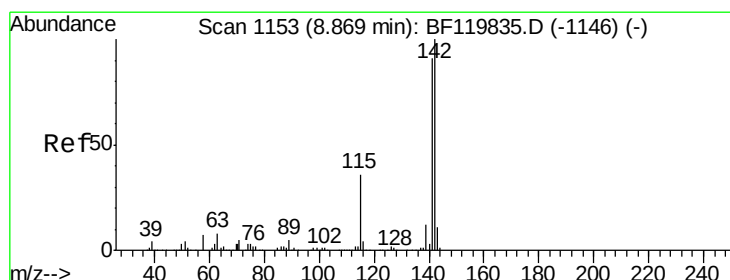
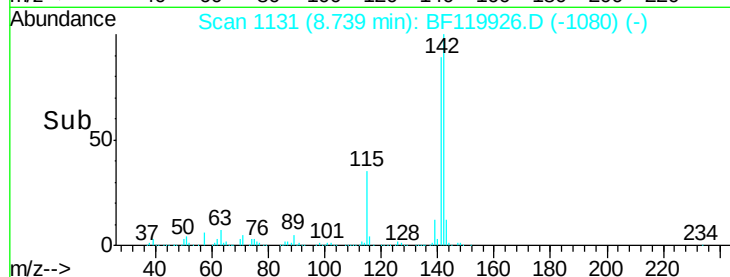
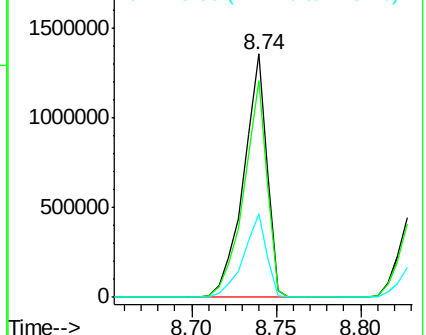
142 100

141 89.0 69.9 104.9

115 34.6 28.0 42.0



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: 41.921 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

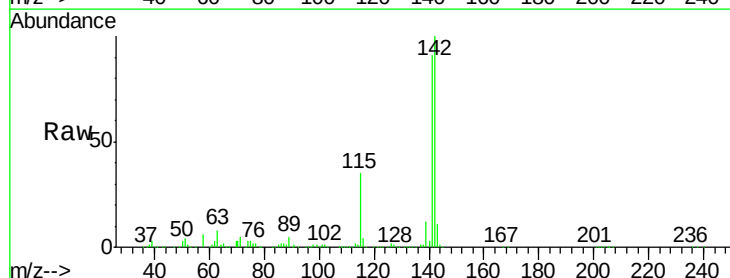
Tgt Ion:142 Resp: 1250973

Ion Ratio Lower Upper

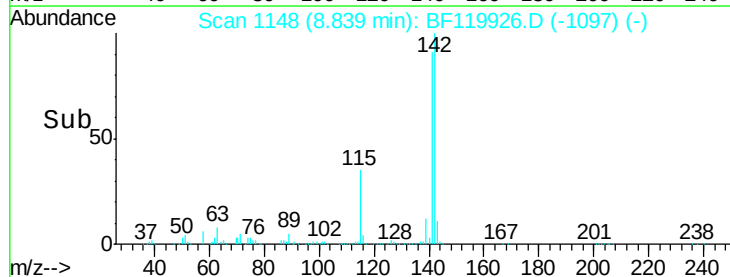
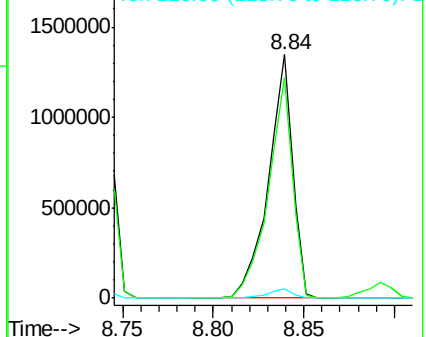
142 100

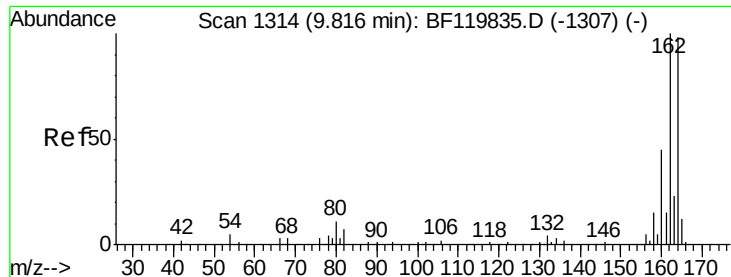
141 90.7 72.9 109.3

116 3.7 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: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

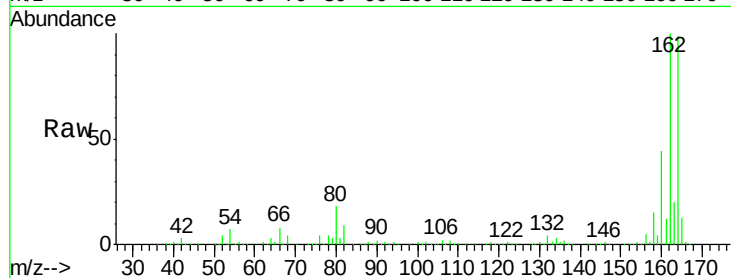
Tot Ion:164 Resp: 465642

Ion Ratio Lower Upper

164 100

162 100.7 81.9 122.9

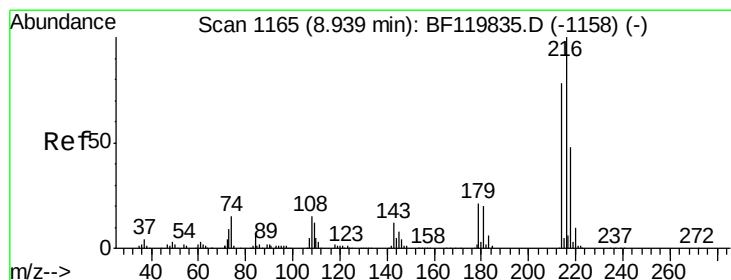
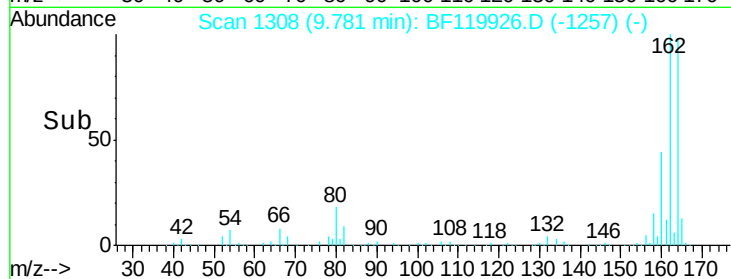
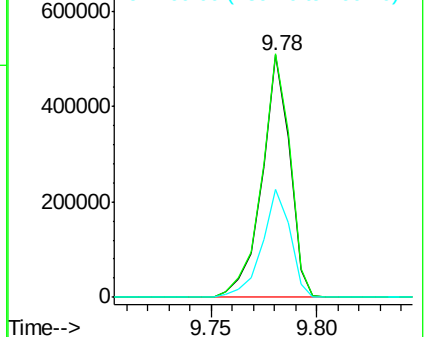
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.958 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:216 Resp: 572951

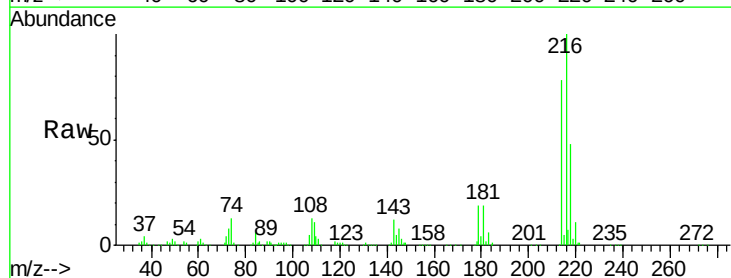
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 20.5 17.0 25.4

108 20.2 14.8 22.2

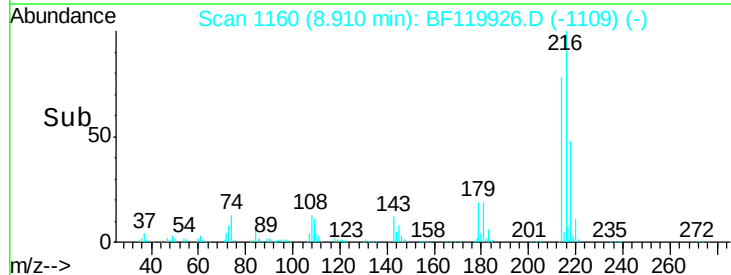
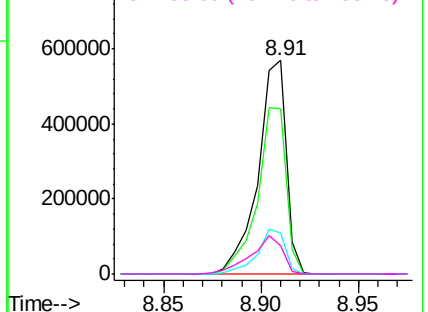


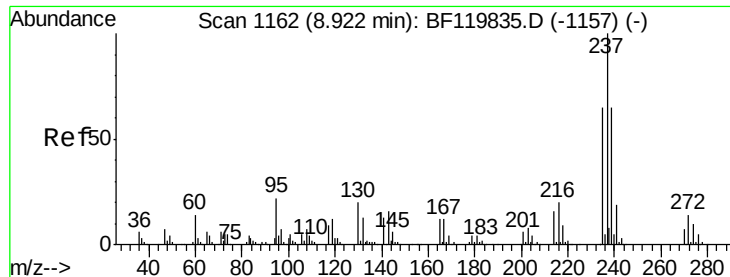
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

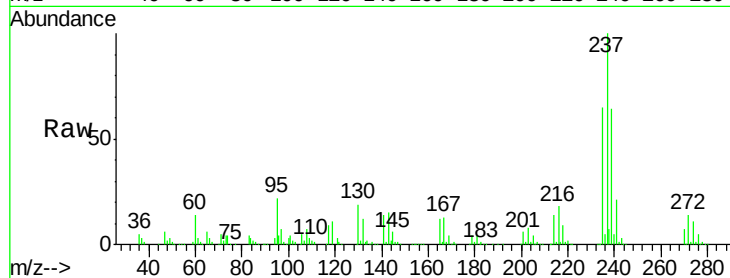




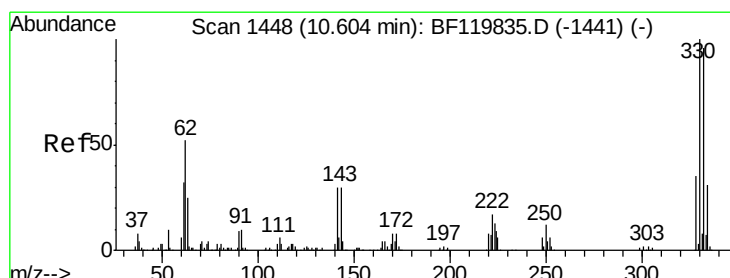
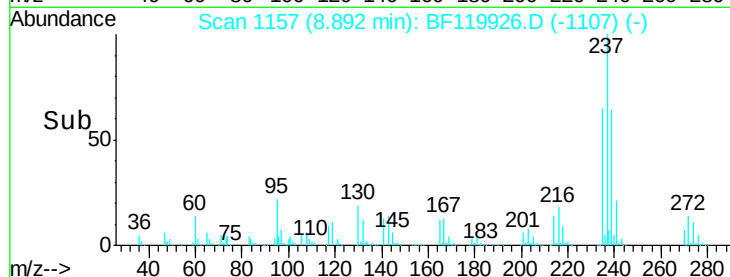
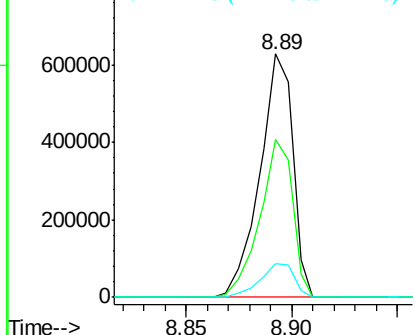
#41
Hexachlorocyclopentadiene
Concen: 81.673 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.9	84.9
272	13.9	0.0	33.6

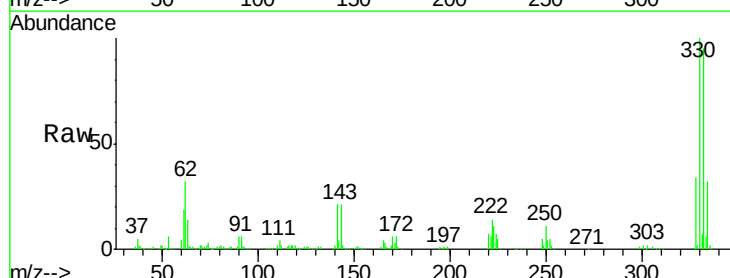


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

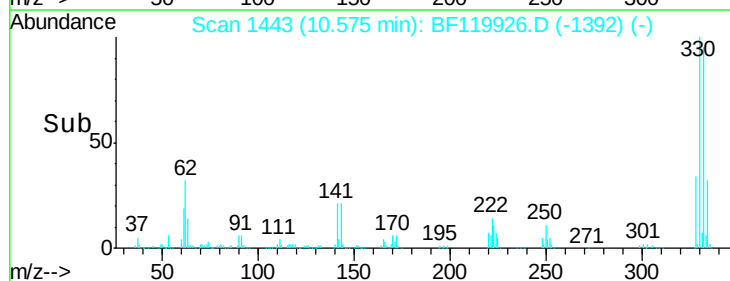
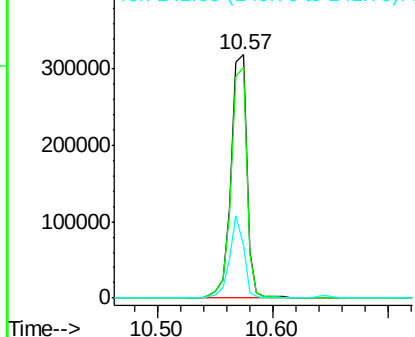


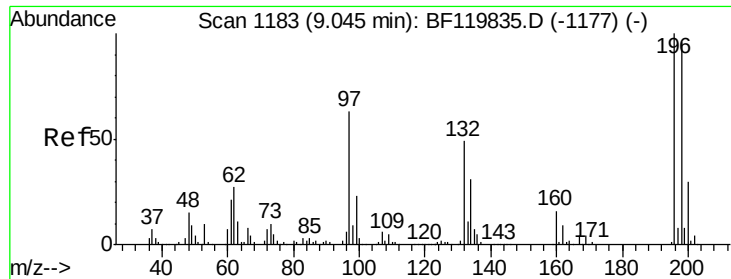
#42
2,4,6-Tribromophenol
Concen: 53.402 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	30.0	25.1	37.7



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

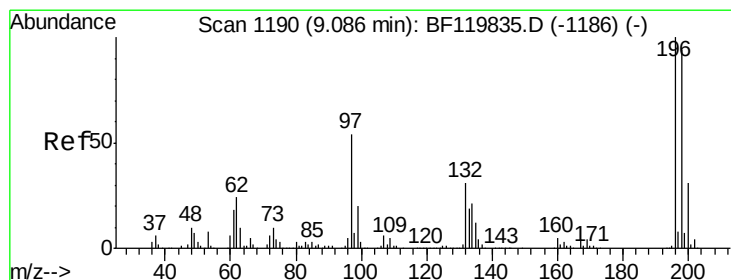
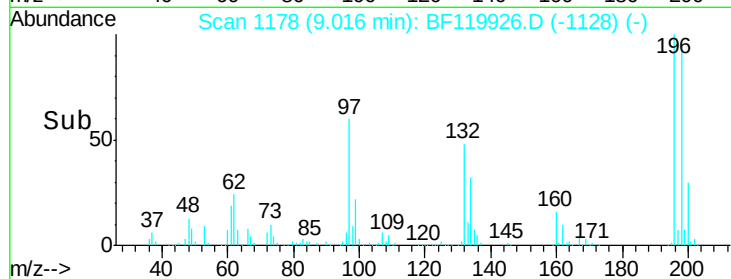
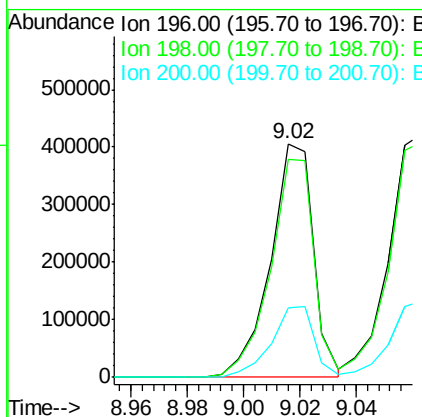
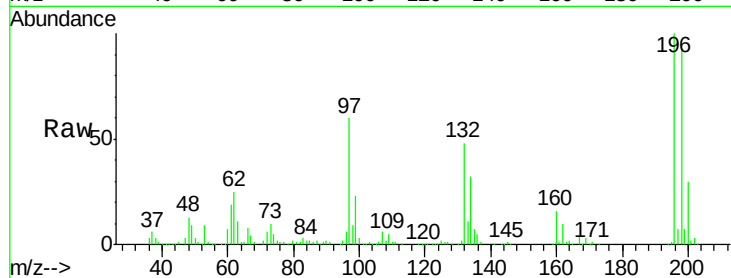




#43
 2,4,6-Trichlorophenol
 Concen: 42.136 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

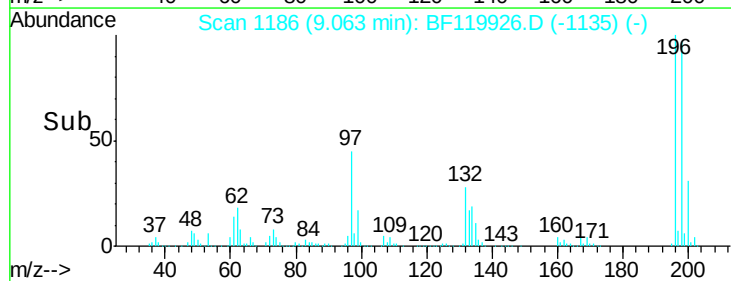
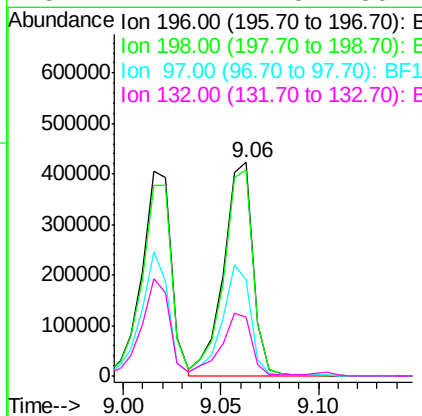
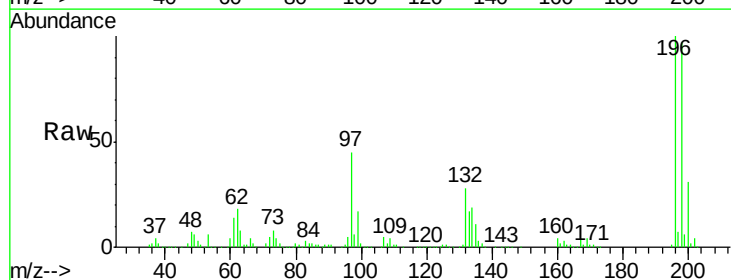
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

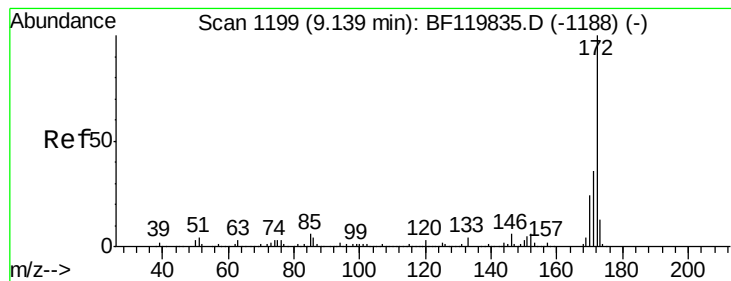
Tot Ion:196 Resp: 427930
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 115.0
 200 29.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.596 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:196 Resp: 441477
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.1 112.7
 97 44.9 43.4 65.2
 132 27.7 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 42.797 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

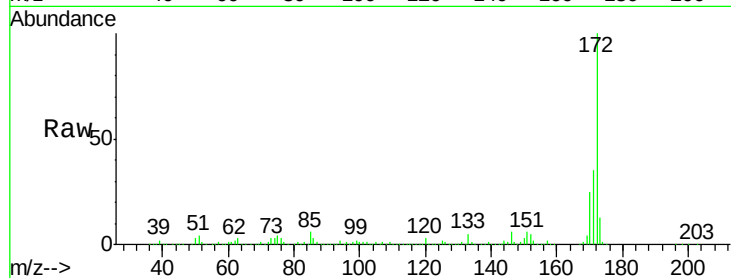
Tot Ion:172 Resp: 1403592

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

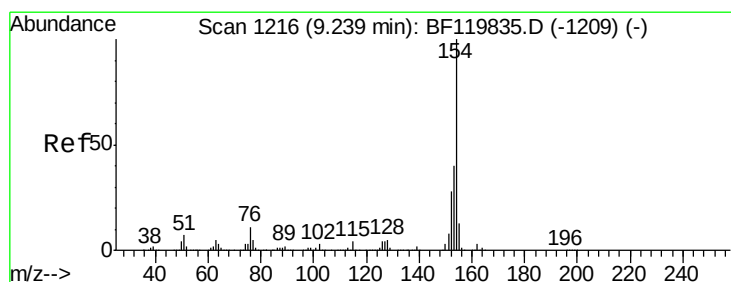
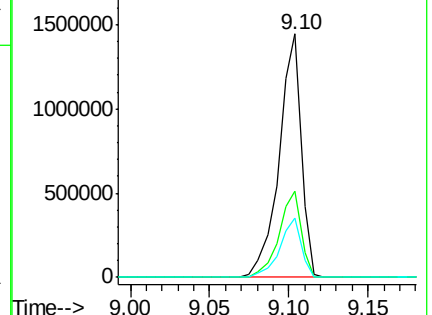
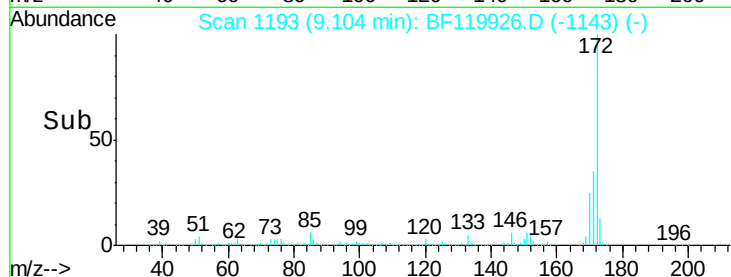
170 24.6 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.566 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

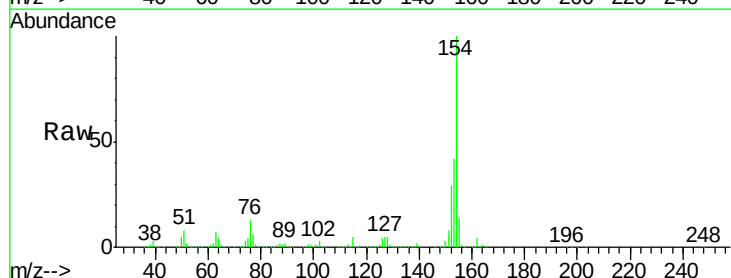
Tgt Ion:154 Resp: 1555064

Ion Ratio Lower Upper

154 100

153 41.5 20.5 60.5

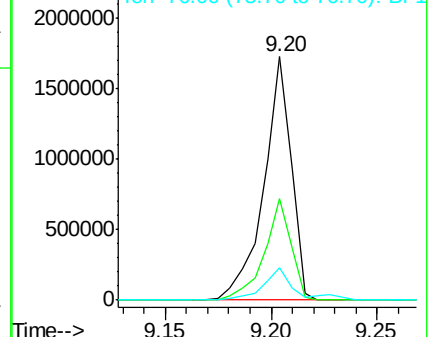
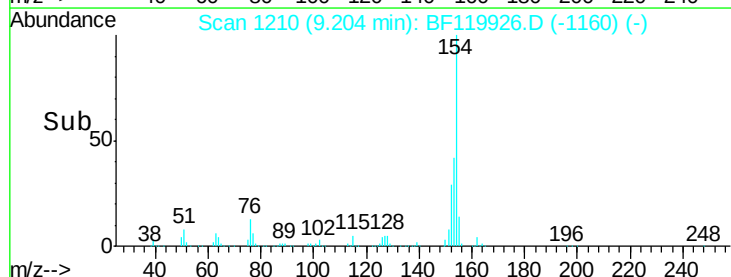
76 13.1 0.0 30.6

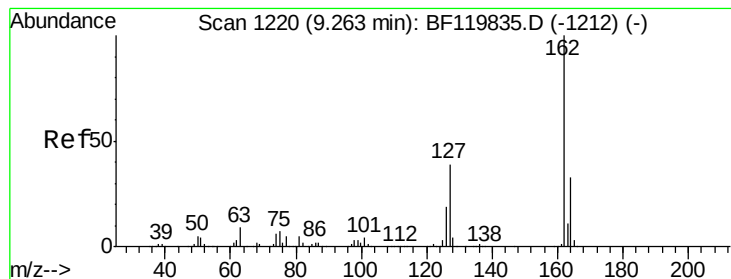


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.810 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

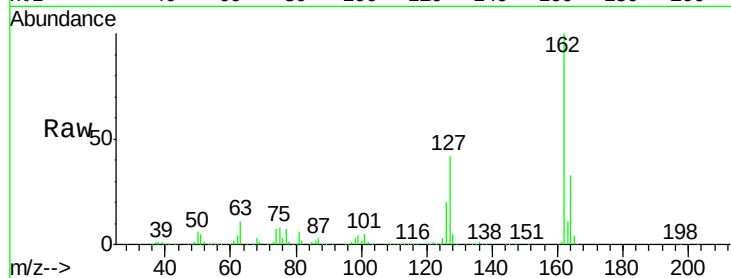
Tot Ion:162 Resp: 1235591

Ion Ratio Lower Upper

162 100

127 42.0 31.2 46.8

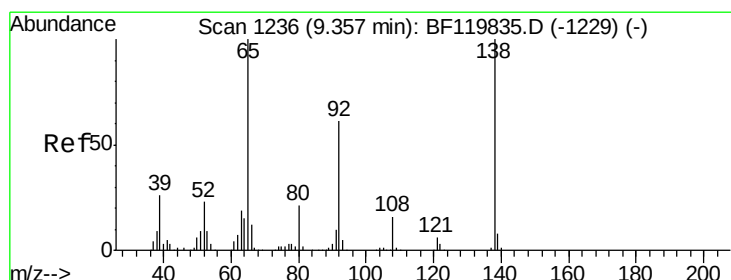
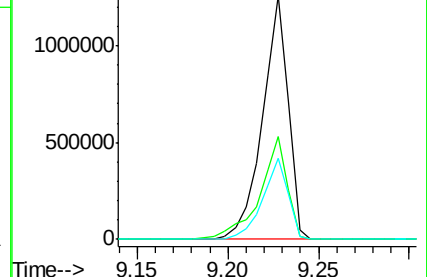
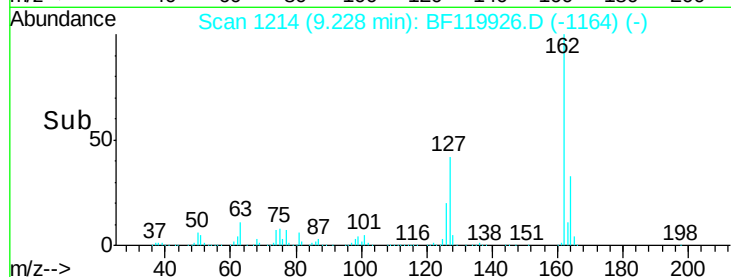
164 33.2 26.3 39.5



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: 40.054 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

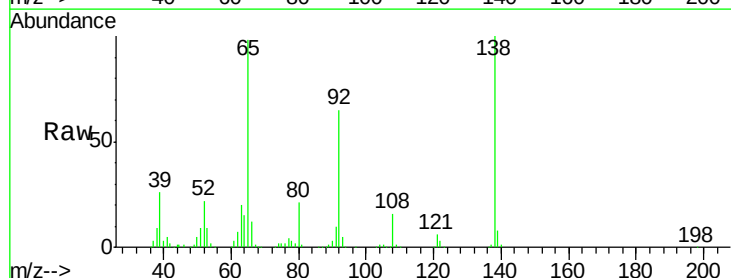
Tgt Ion: 65 Resp: 439466

Ion Ratio Lower Upper

65 100

92 66.3 49.0 73.6

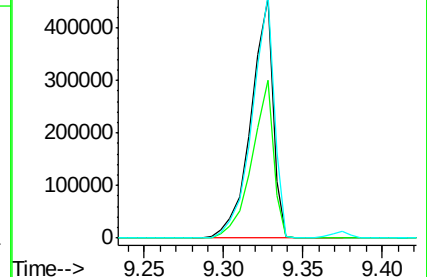
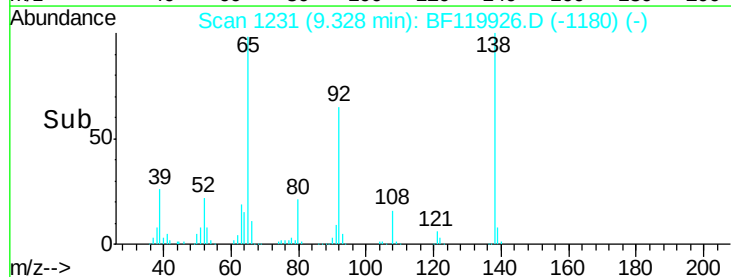
138 101.8 79.7 119.5

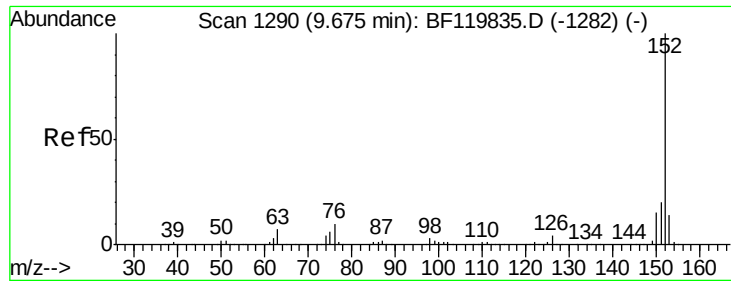


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.646 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

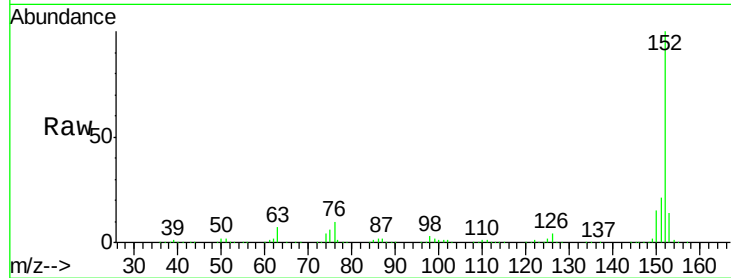
Tot Ion:152 Resp: 1917616

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4

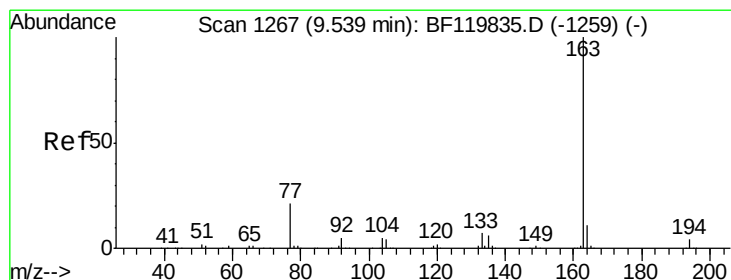
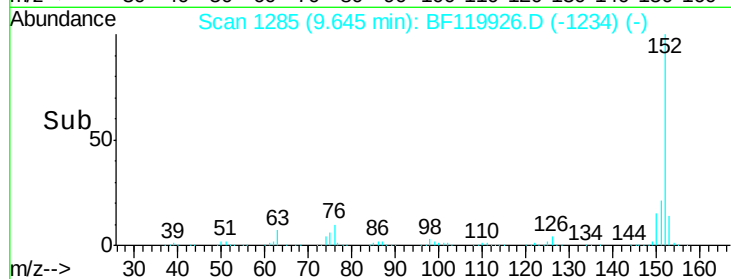
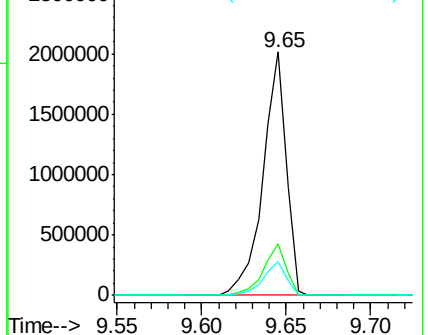
153 13.7 10.9 16.3



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: 43.198 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

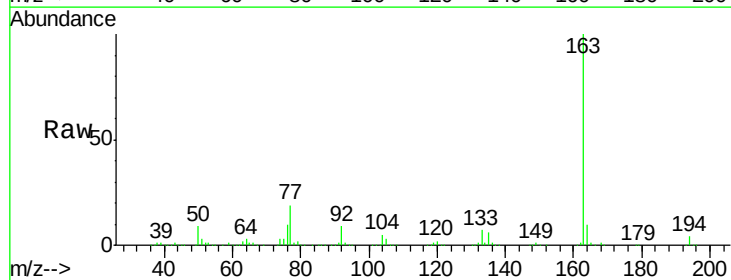
Tgt Ion:163 Resp: 1555863

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

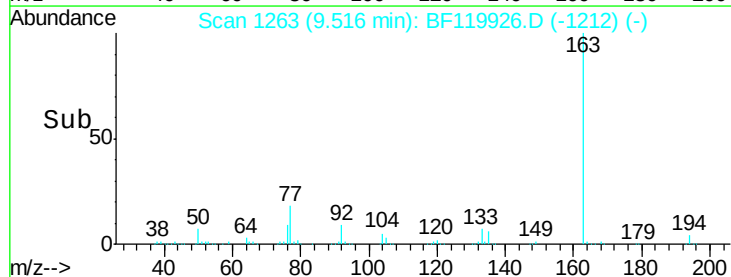
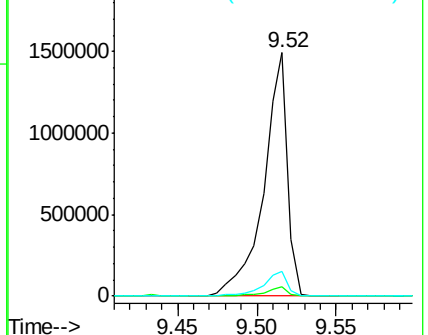
164 9.9 8.4 12.6

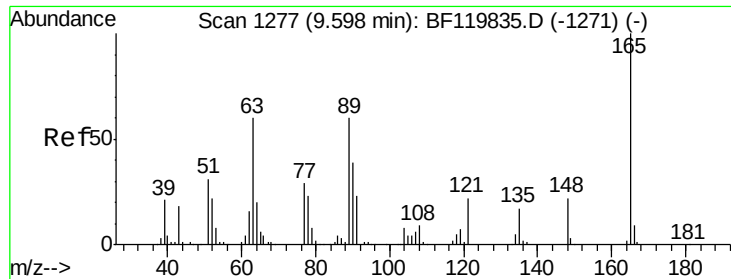


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.264 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

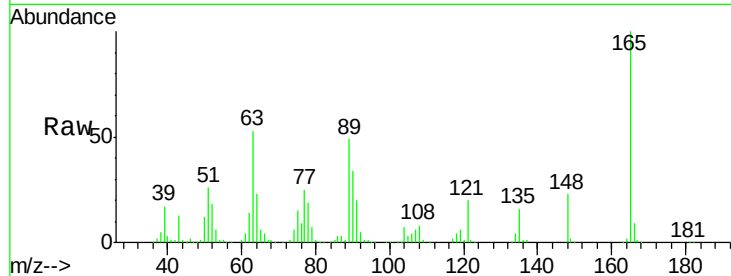
Tot Ion:165 Resp: 333342

Ion Ratio Lower Upper

165 100

63 52.9 55.6 83.4#

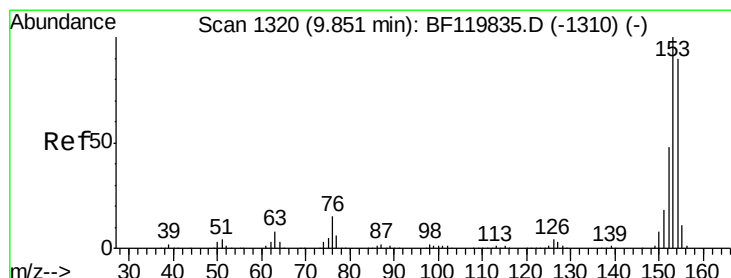
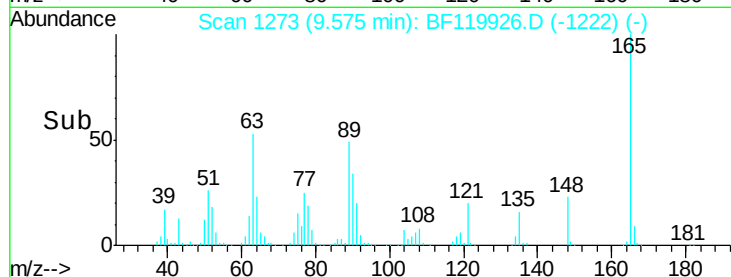
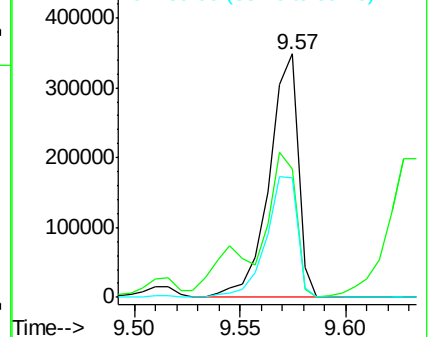
89 49.0 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.253 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

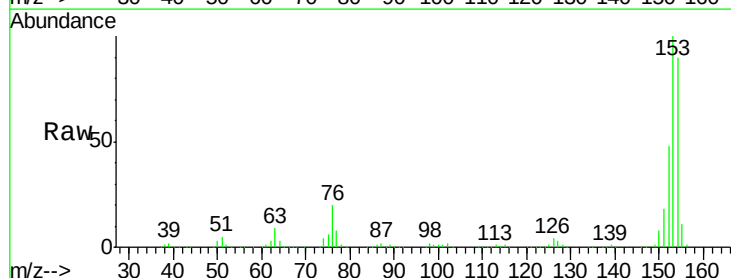
Tgt Ion:154 Resp: 1174959

Ion Ratio Lower Upper

154 100

153 111.5 88.8 133.2

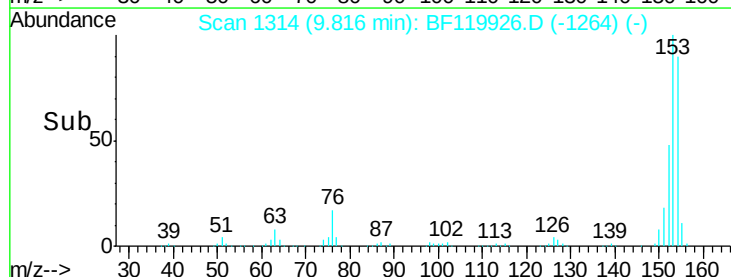
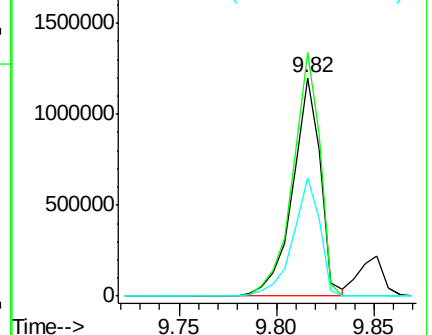
152 54.1 42.4 63.6

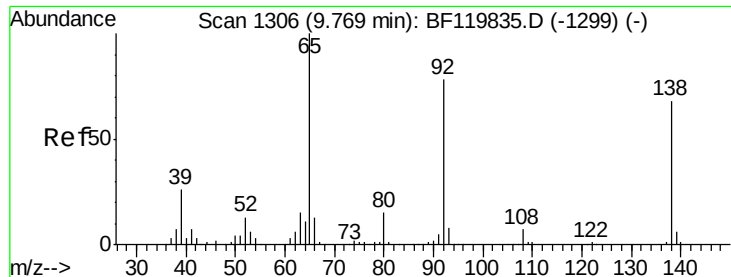


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

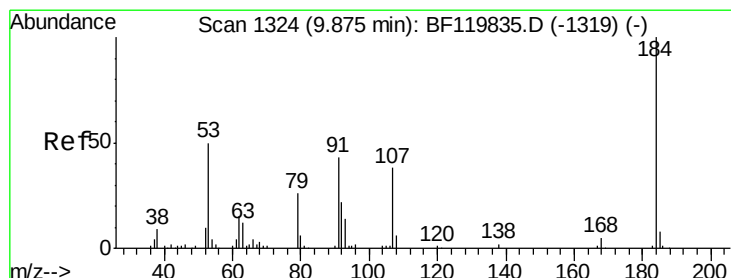
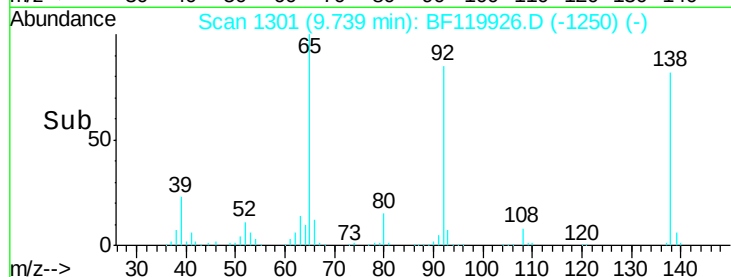
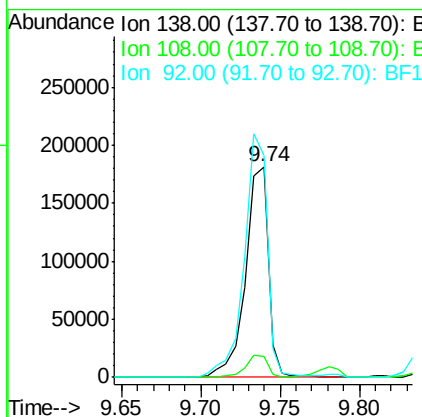
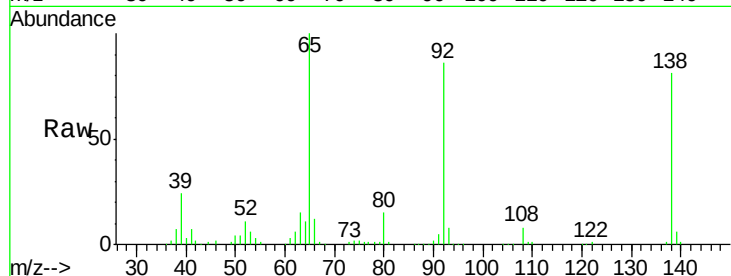




#53
 3-Nitroaniline
 Concen: 20.224 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

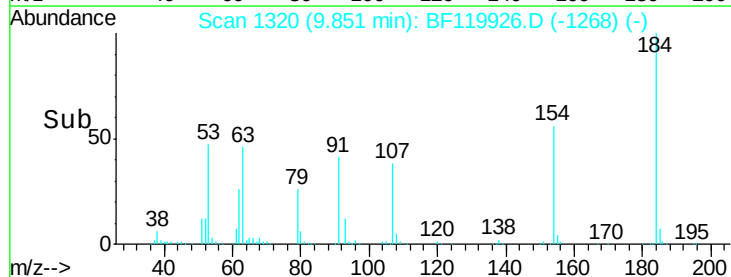
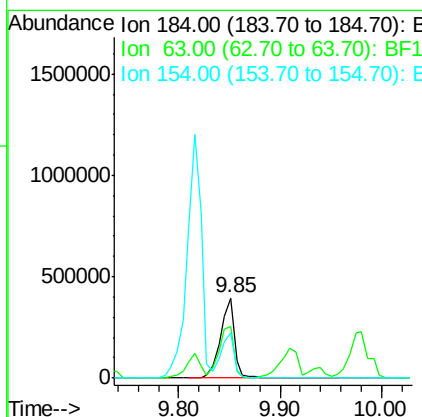
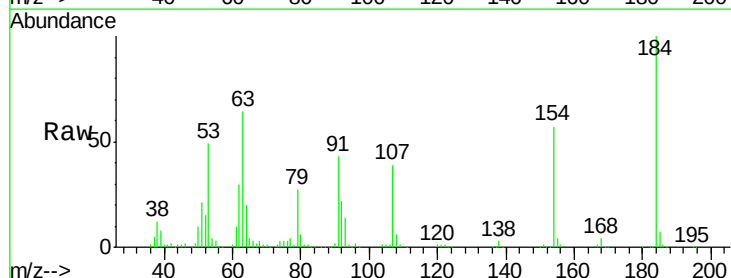
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

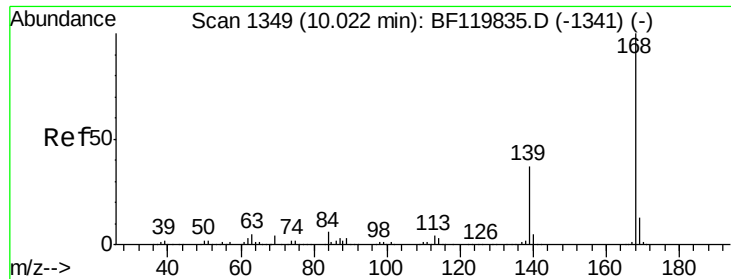
Tot Ion:138 Resp: 182175
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.0 12.0
 92 105.1 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 81.342 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:184 Resp: 384098
 Ion Ratio Lower Upper
 184 100
 63 64.1 49.8 74.6
 154 56.6 46.5 69.7





#55

Dibenzofuran

Concen: 41.791 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

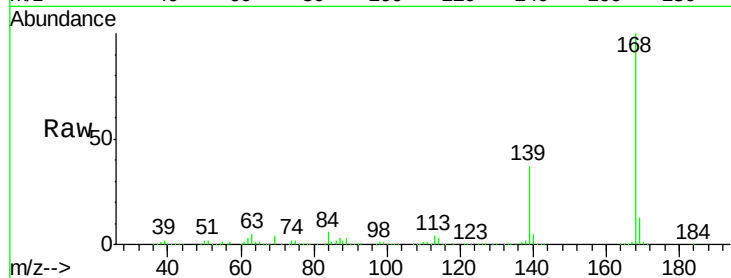
Tot Ion:168 Resp: 1761443

Ion Ratio Lower Upper

168 100

139 36.6 29.8 44.6

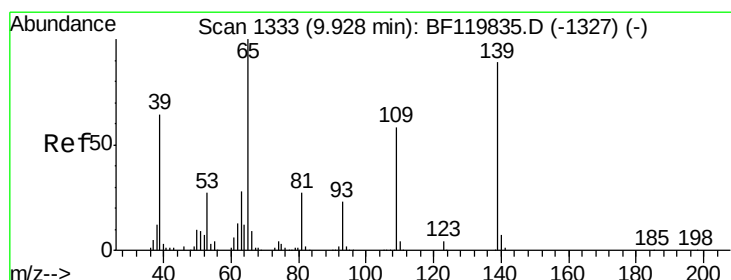
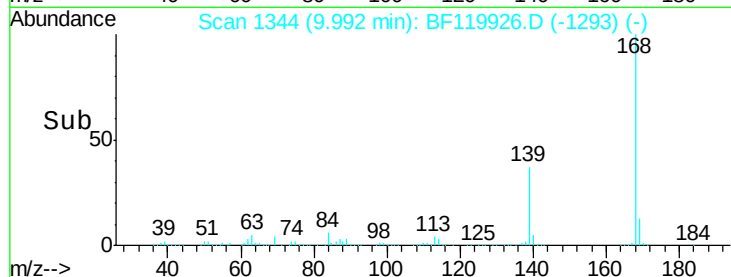
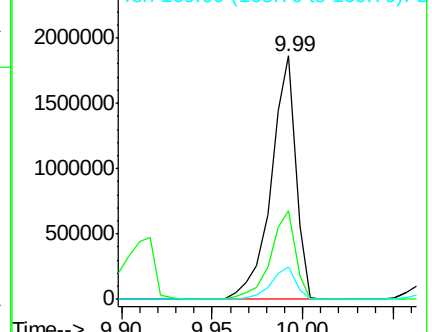
169 13.4 10.6 15.8



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: 85.480 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

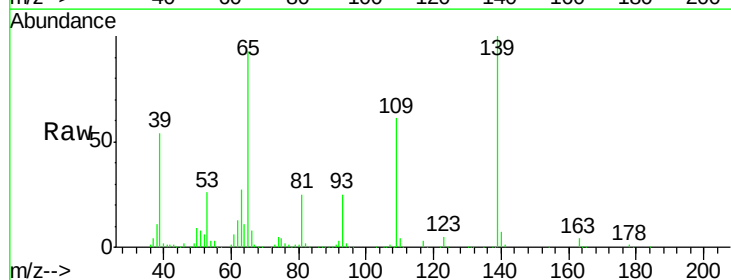
Tgt Ion:139 Resp: 572908

Ion Ratio Lower Upper

139 100

109 61.1 45.5 85.5

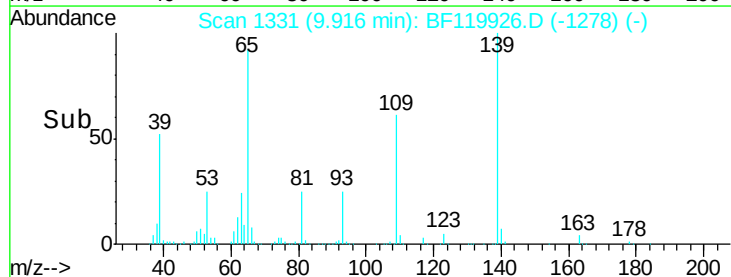
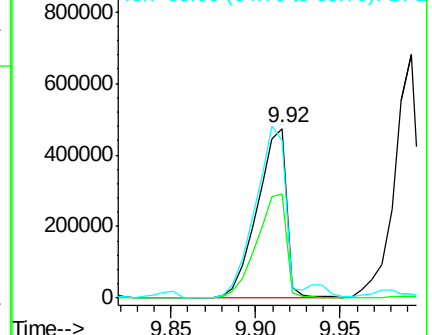
65 92.6 92.3 132.3

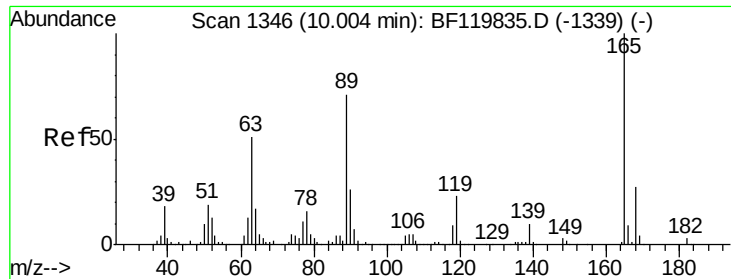


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

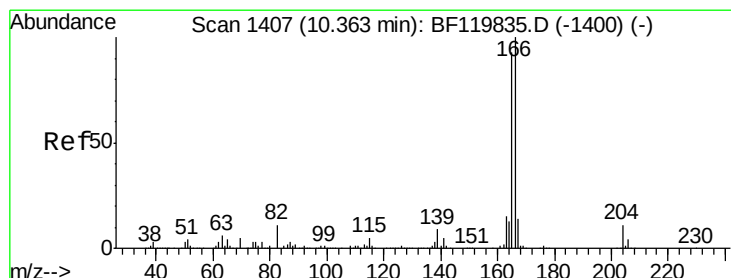
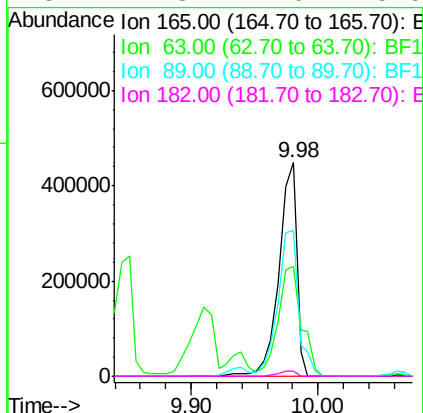
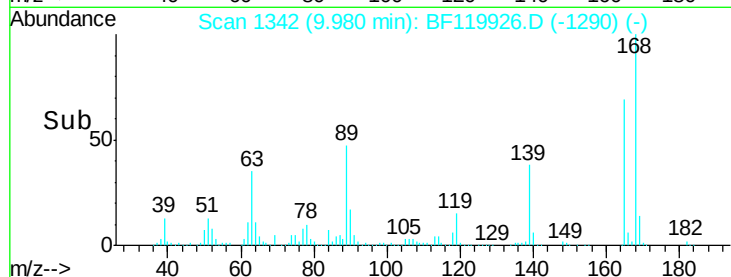
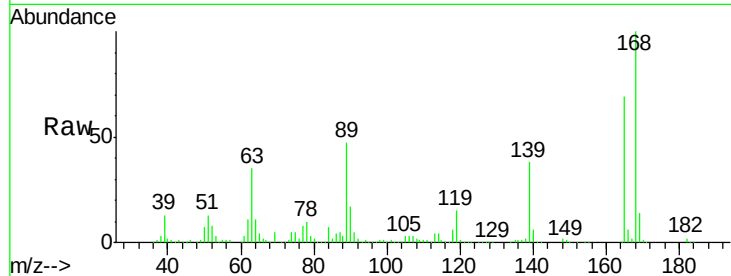




#57
2,4-Dinitrotoluene
Concen: 41.887 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

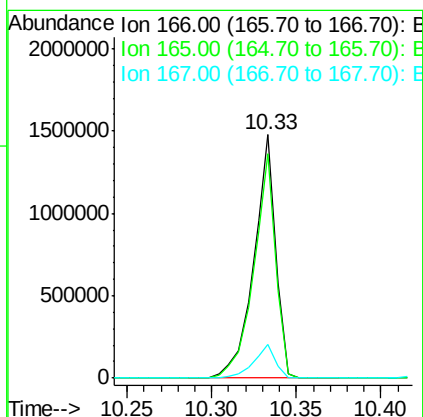
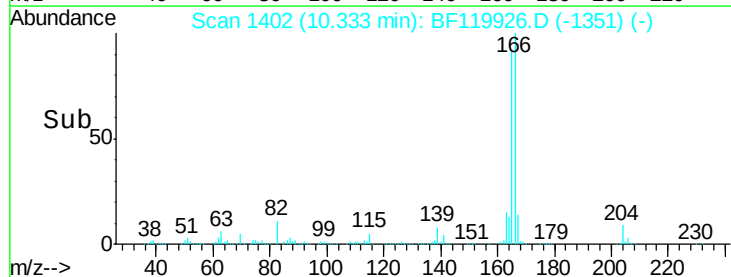
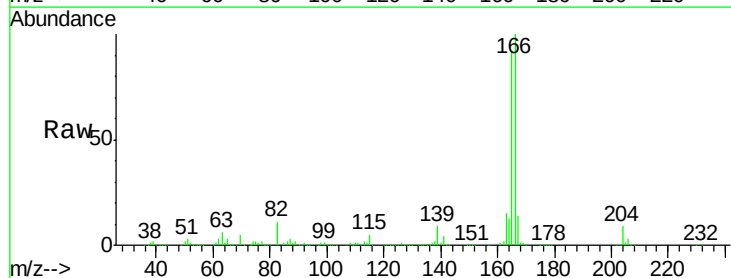
Instrument :
BNA_F
ClientSampleId :
TP-2MS

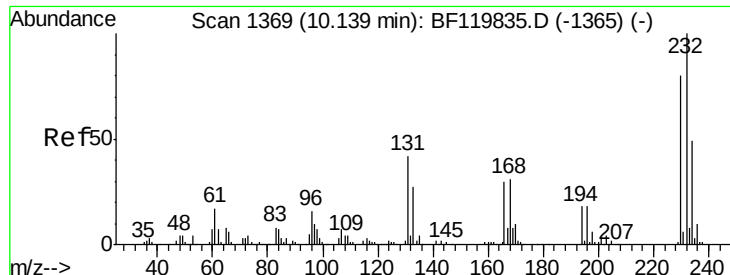
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	40.8	61.2
89	68.5	56.9	85.3
182	2.3	2.0	3.0



#58
Fluorene
Concen: 39.563 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.1	74.2	111.2
167	13.7	10.8	16.2

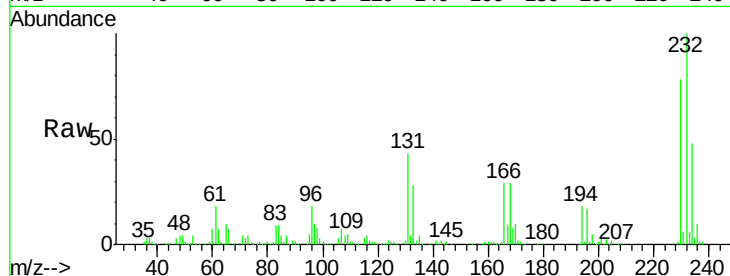




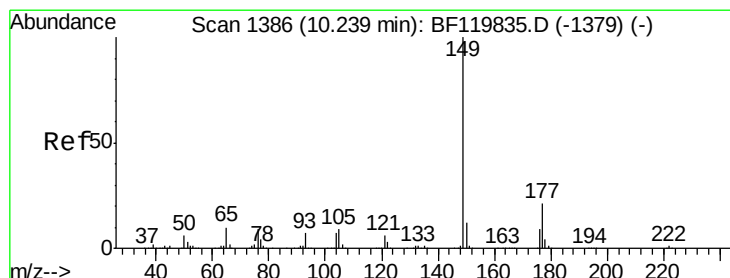
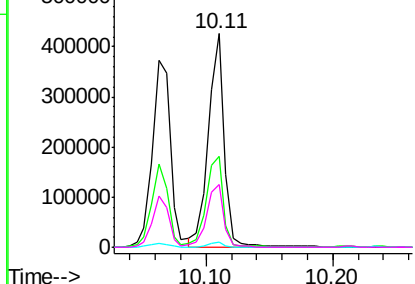
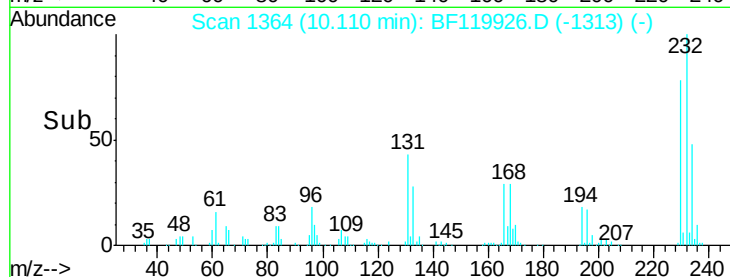
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.940 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion:232 Resp: 375651
 Ion Ratio Lower Upper
 232 100
 131 45.7 37.9 56.9
 130 2.2 1.8 2.6
 166 31.0 25.4 38.0

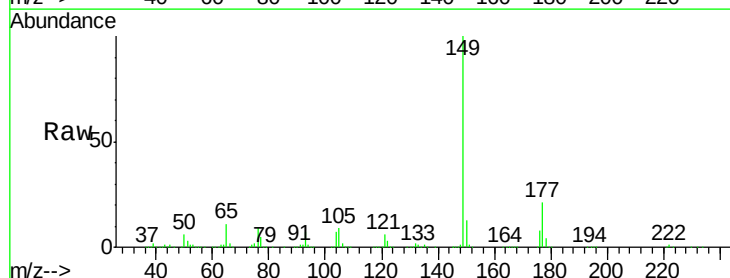


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

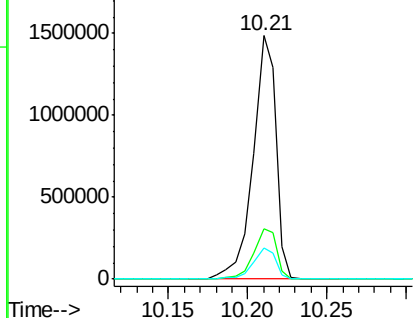
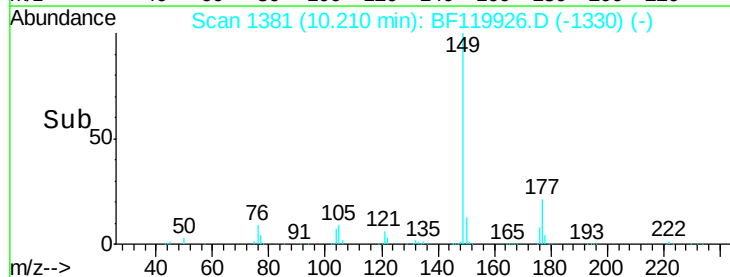


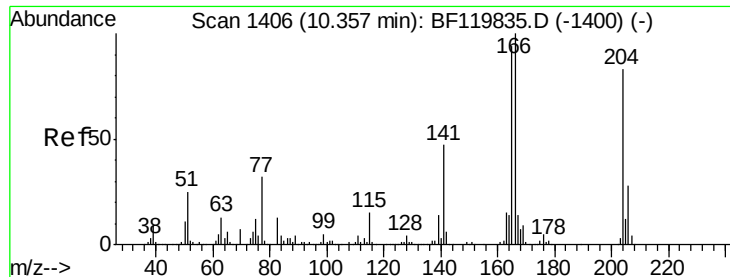
#60
 Diethylphthalate
 Concen: 39.849 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:149 Resp: 1487504
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.8 25.2
 150 12.7 9.8 14.6



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

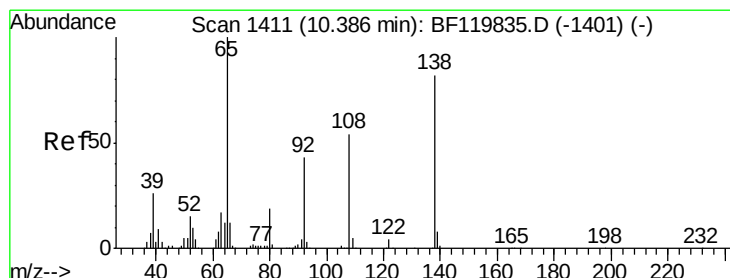
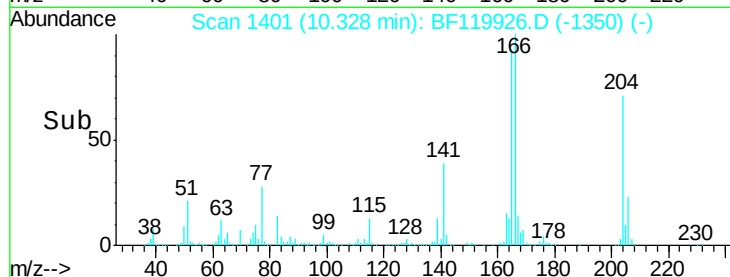
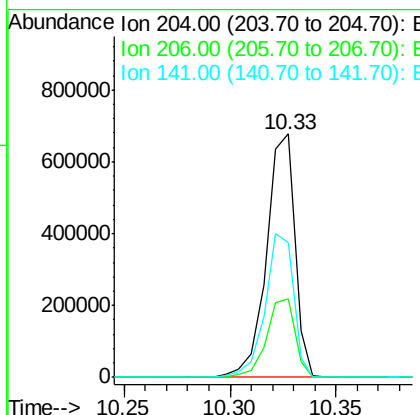
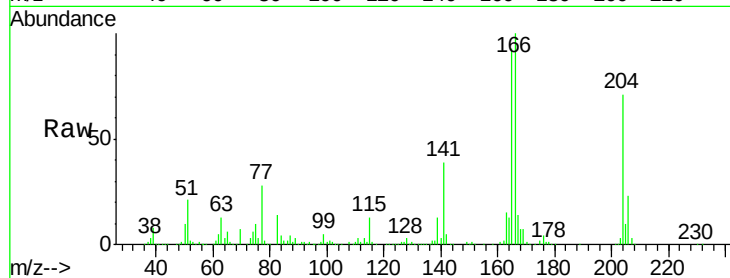




#61
 4-Chlorophenyl-phenylether
 Concen: 36.756 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

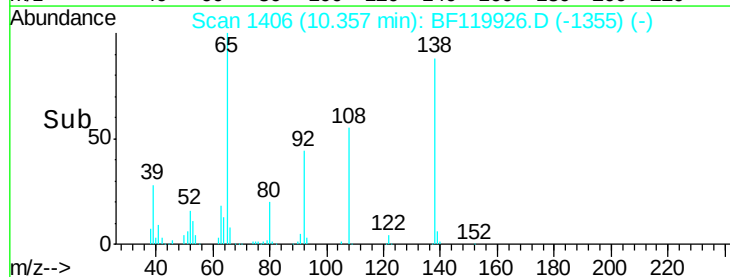
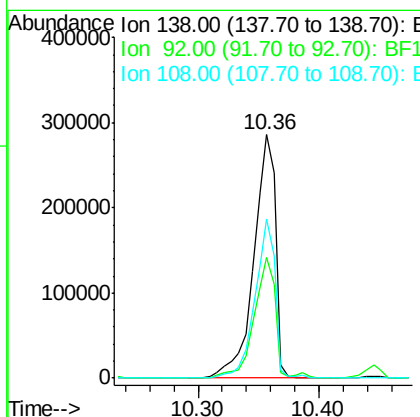
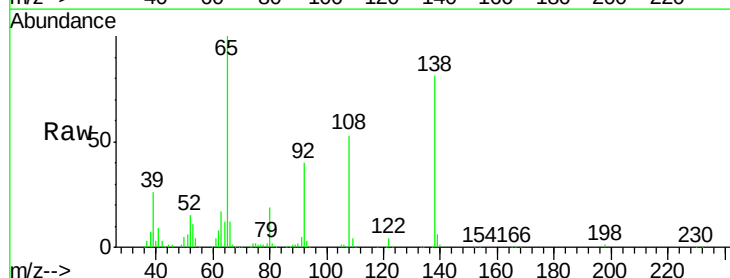
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

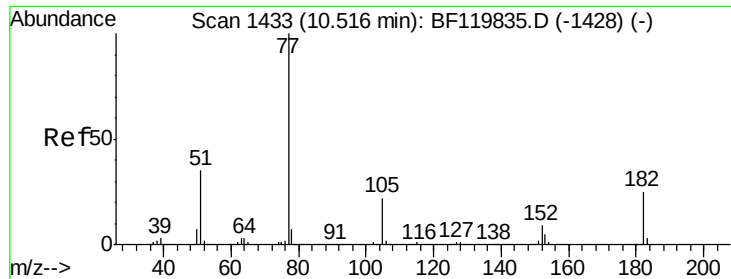
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	55.4	45.8	68.8



#62
 4-Nitroaniline
 Concen: 41.704 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.6	71.6
108	65.2	45.2	85.2

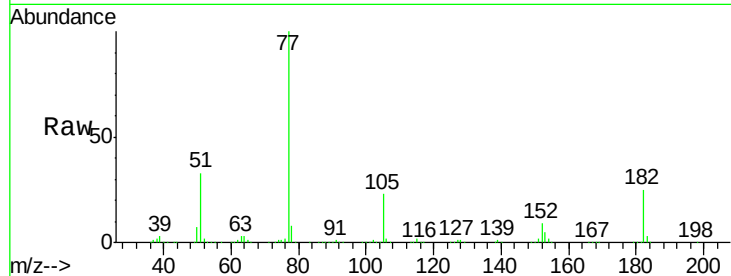




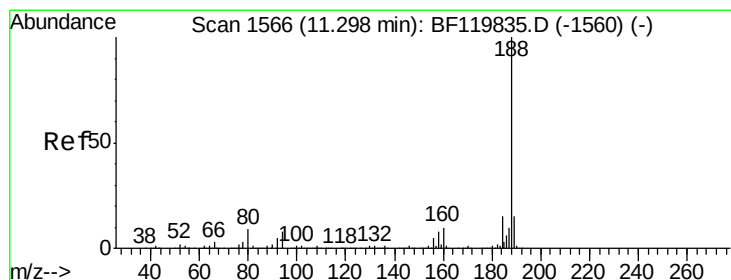
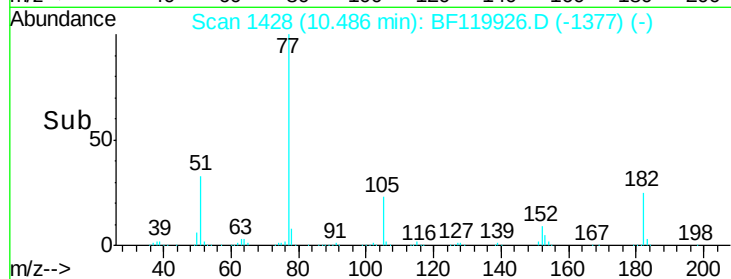
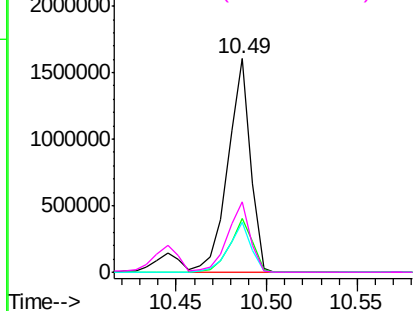
#63
Azobenzene
Concen: 41.534 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion: 77 Resp: 1389461
Ion Ratio Lower Upper
77 100
182 25.4 4.5 44.5
105 23.1 2.2 42.2
51 33.2 15.1 55.1

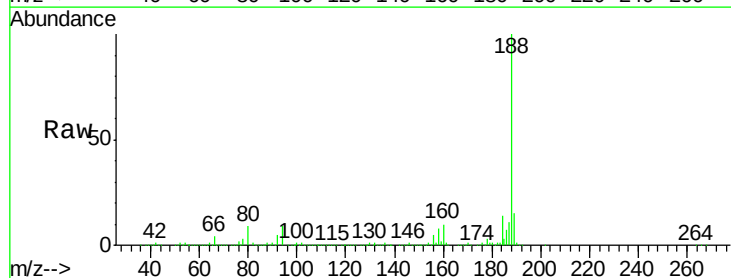


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

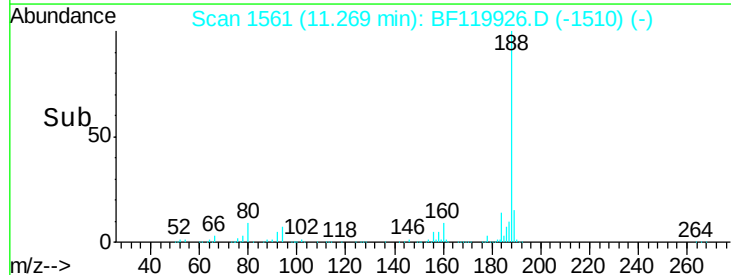
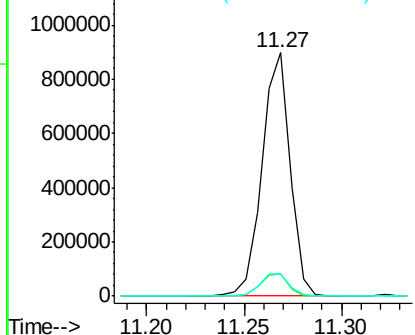


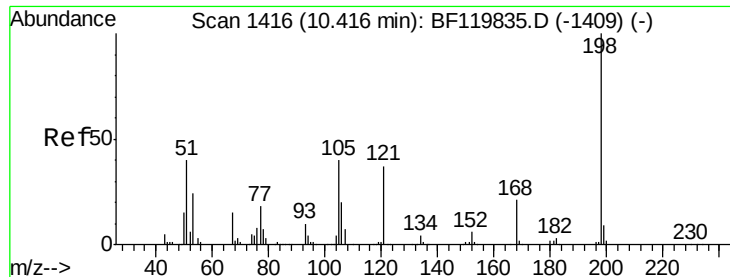
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion: 188 Resp: 892284
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.4 11.2



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

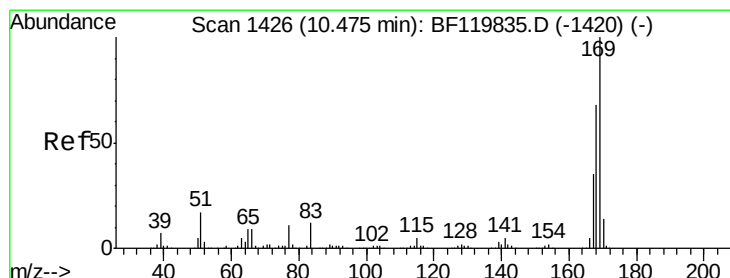
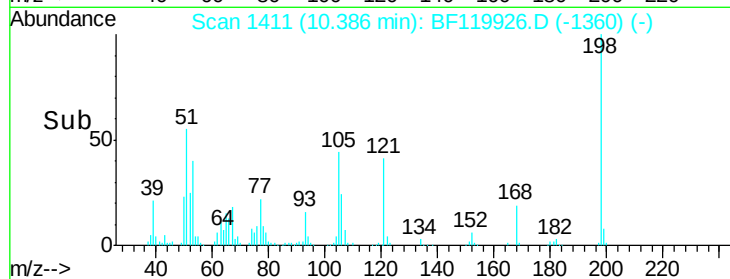
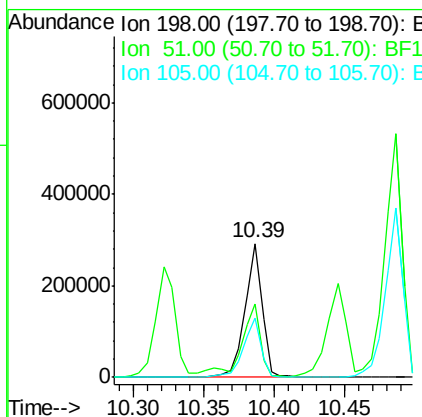
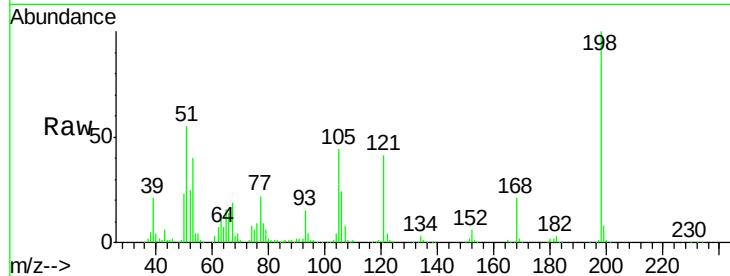




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.582 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

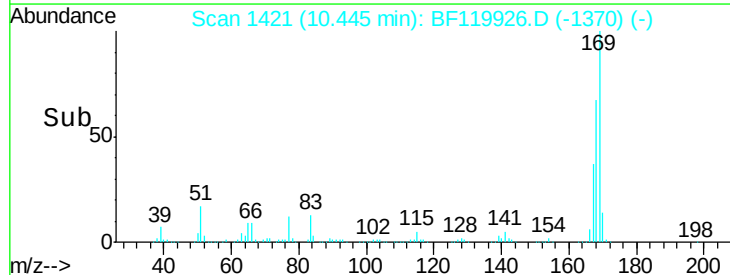
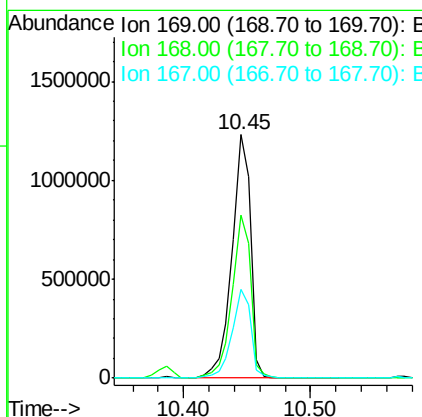
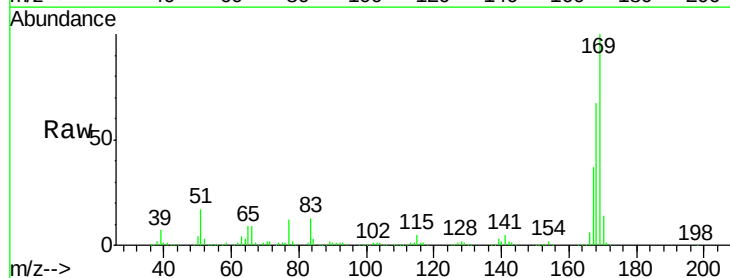
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

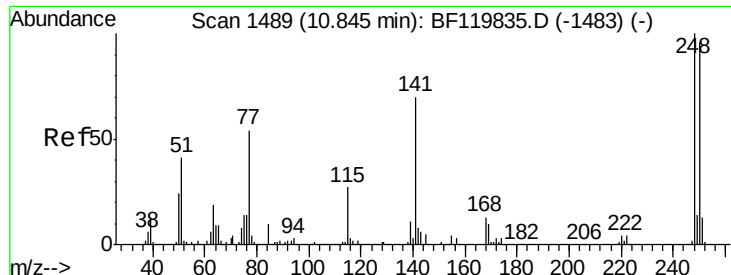
Tot Ion:198 Resp: 250316
 Ion Ratio Lower Upper
 198 100
 51 54.8 25.2 65.2
 105 44.0 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 41.550 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:169 Resp: 1232976
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.2 81.4
 167 36.6 28.3 42.5

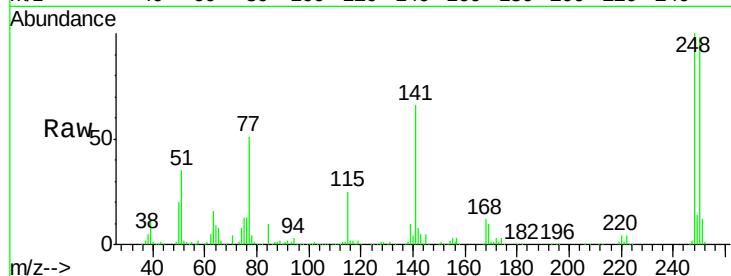




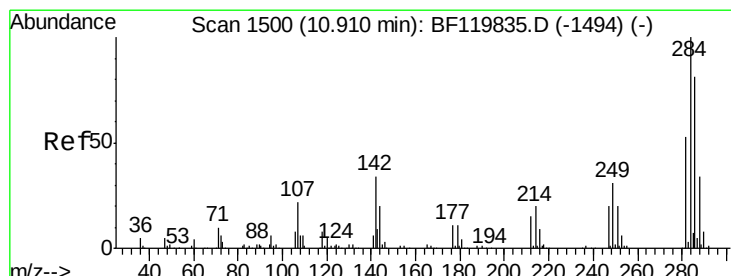
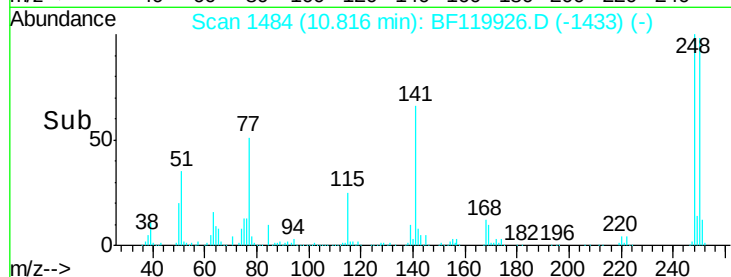
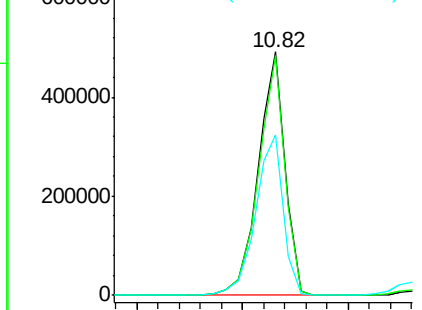
#67
4-Bromophenyl-phenylether
Concen: 38.936 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:248 Resp: 432055
Ion Ratio Lower Upper
248 100
250 98.4 76.6 114.8
141 65.7 55.9 83.9

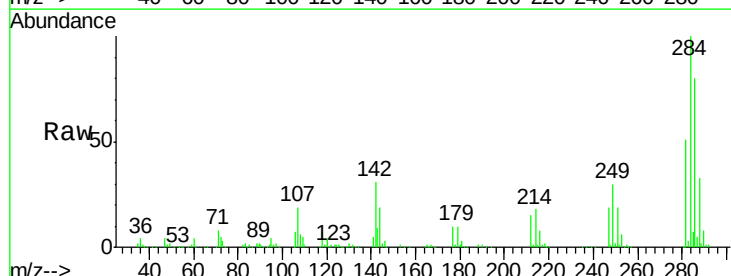


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

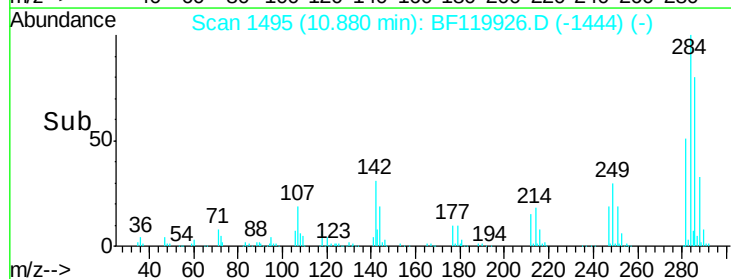
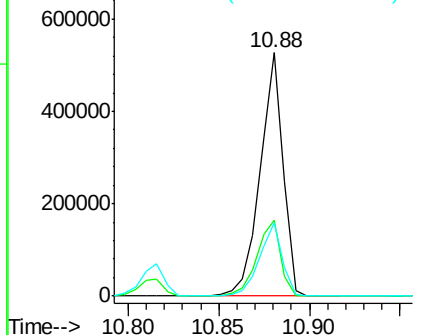


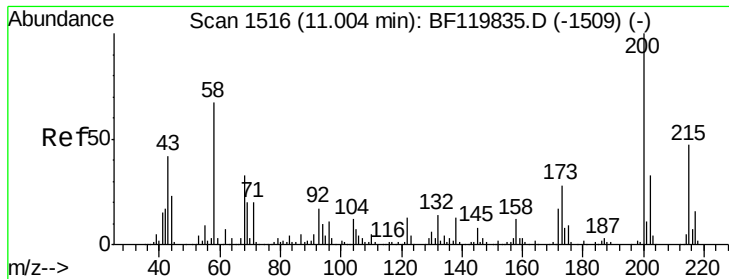
#68
Hexachlorobenzene
Concen: 41.309 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:284 Resp: 465012
Ion Ratio Lower Upper
284 100
142 31.3 26.9 40.3
249 30.0 24.6 37.0



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

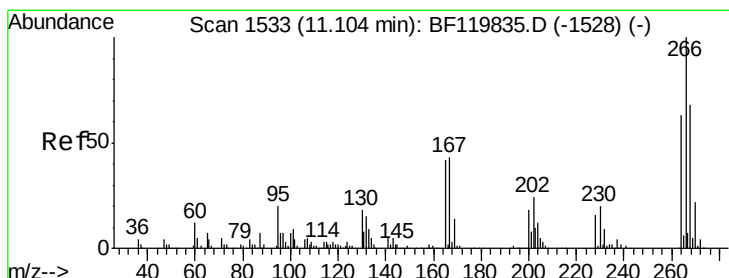
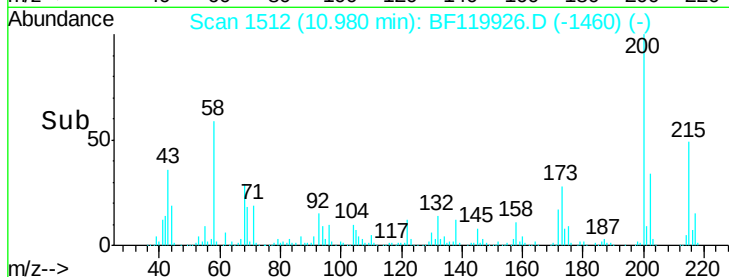
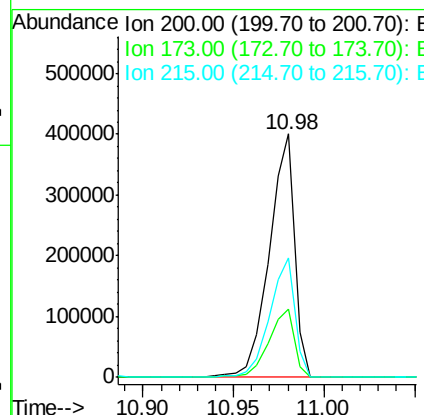
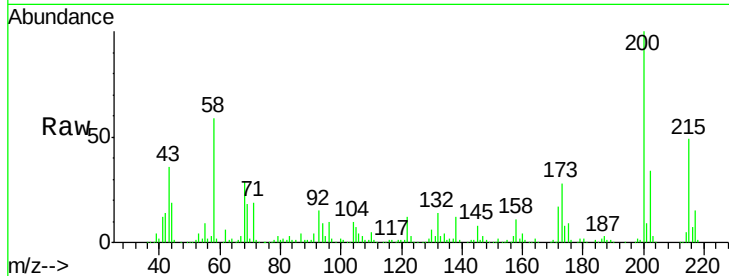




#69
 Atrazine
 Concen: 46.805 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

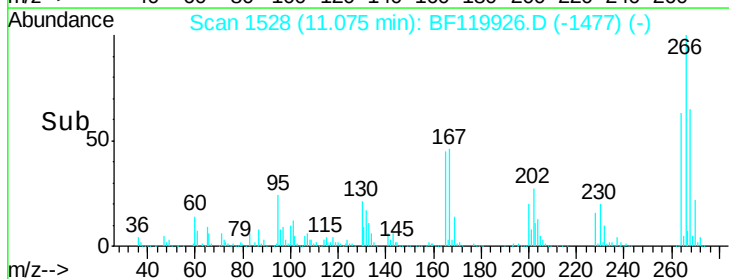
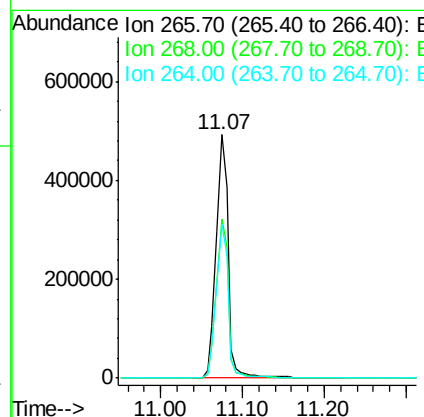
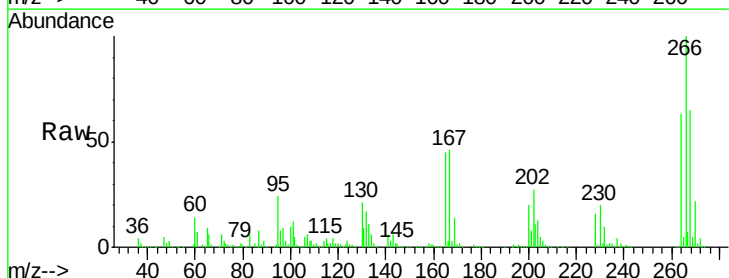
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

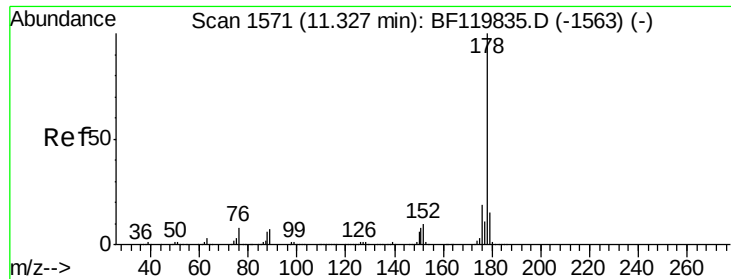
Tot Ion:200 Resp: 386443
 Ion Ratio Lower Upper
 200 100
 173 28.1 8.0 48.0
 215 49.0 27.1 67.1



#70
 Pentachlorophenol
 Concen: 78.616 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:266 Resp: 509994
 Ion Ratio Lower Upper
 266 100
 268 65.5 54.2 81.4
 264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 40.932 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

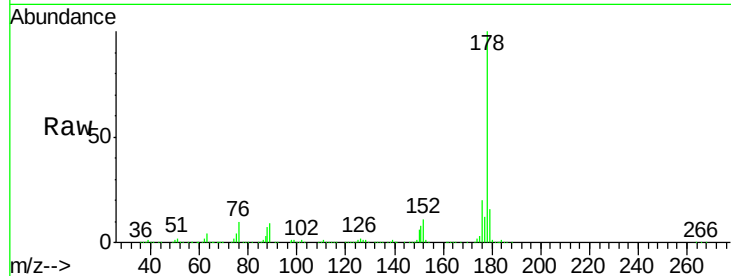
Tot Ion:178 Resp: 1943793

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

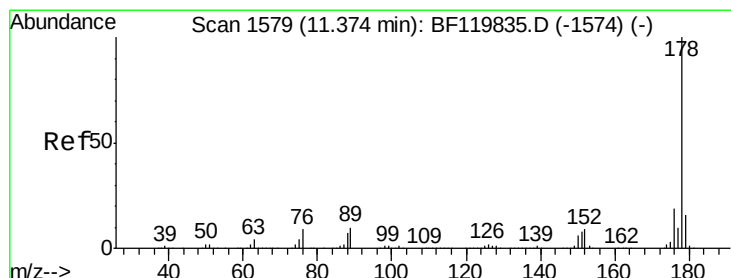
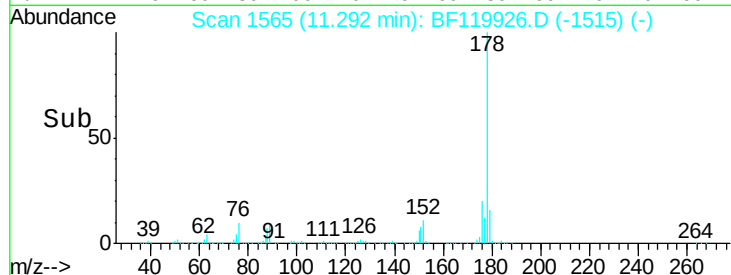
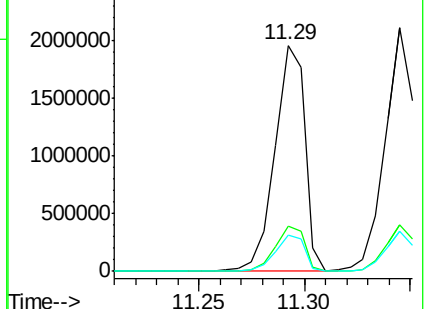
179 16.2 12.2 18.4



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



#72

Anthracene

Concen: 41.136 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

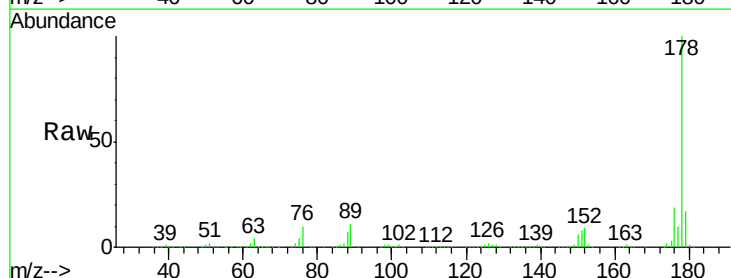
Tgt Ion:178 Resp: 1995570

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

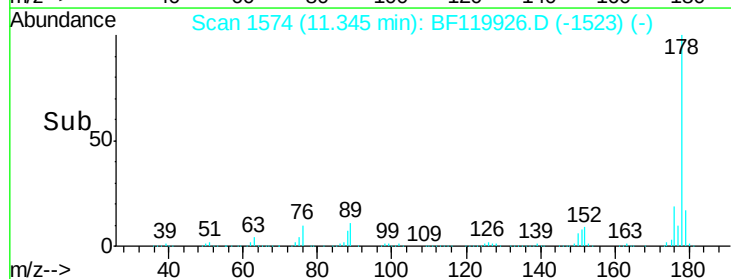
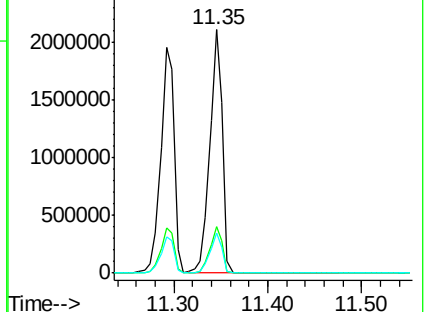
179 16.7 12.8 19.2

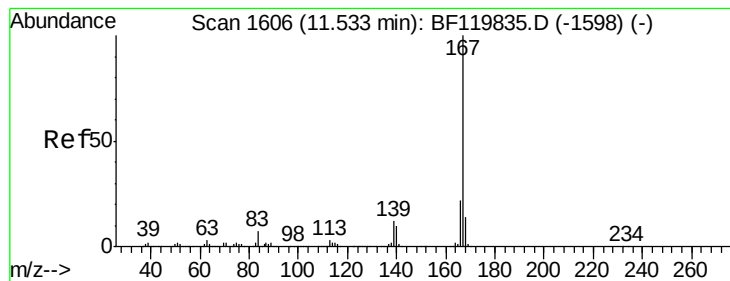


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.104 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

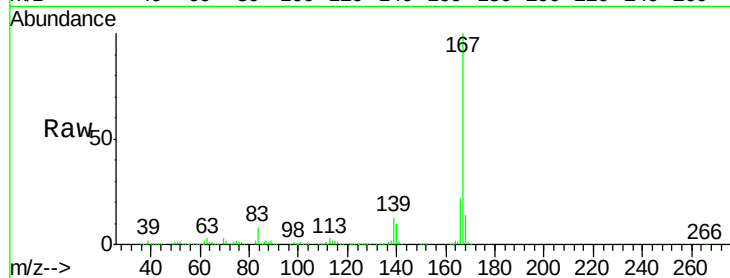
Tot Ion:167 Resp: 1839842

Ion Ratio Lower Upper

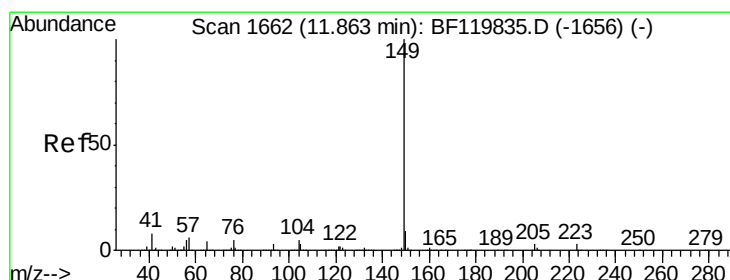
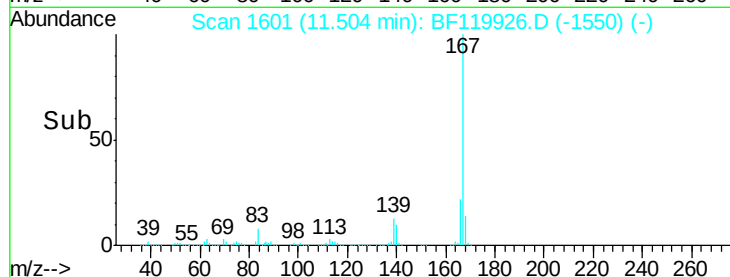
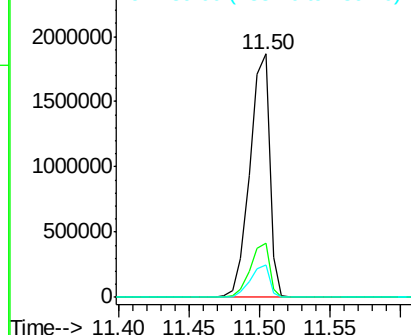
167 100

166 22.3 17.4 26.0

139 13.2 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.914 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

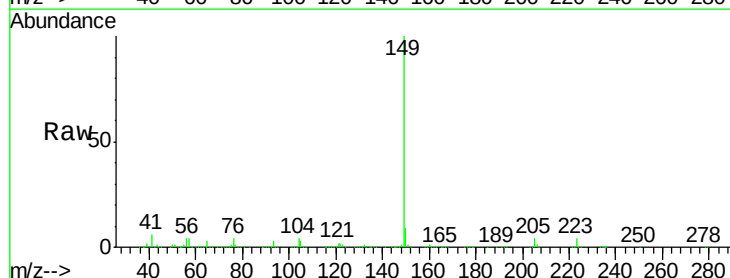
Tgt Ion:149 Resp: 2286579

Ion Ratio Lower Upper

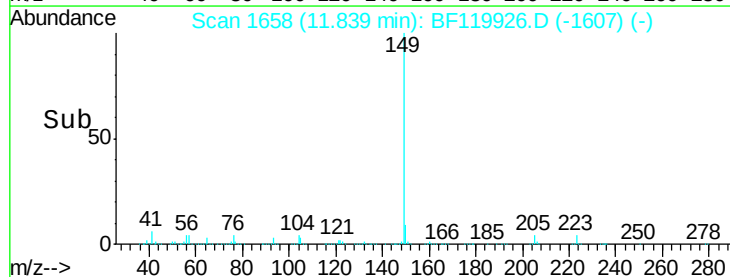
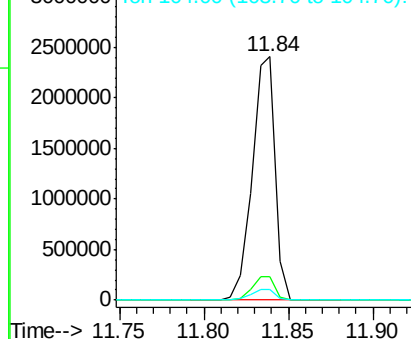
149 100

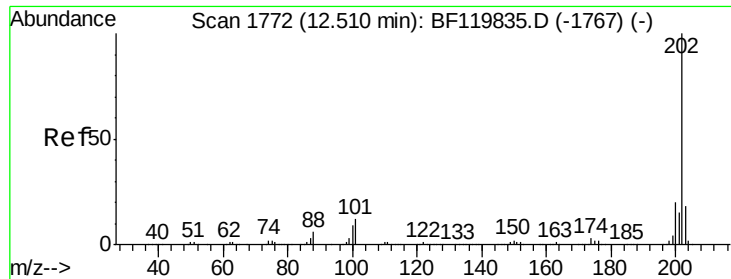
150 9.4 7.6 11.4

104 4.3 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

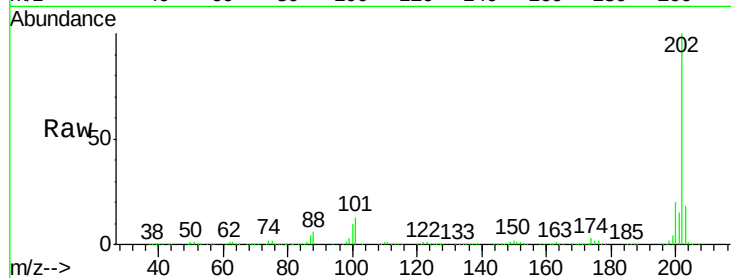




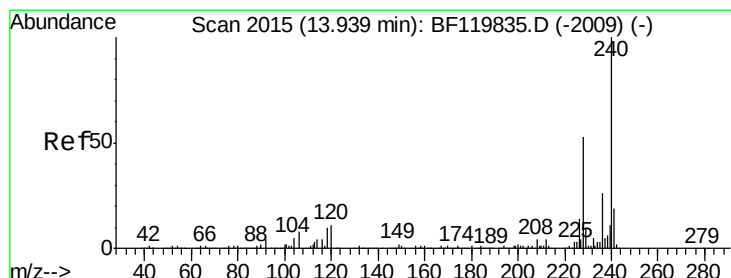
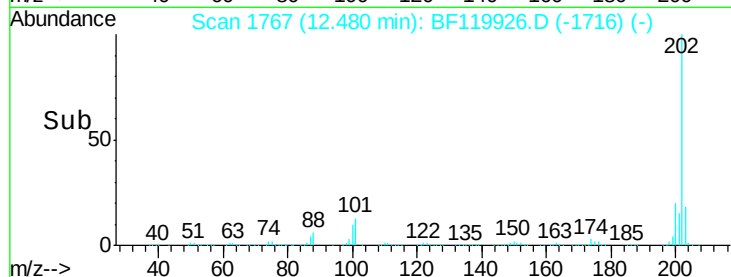
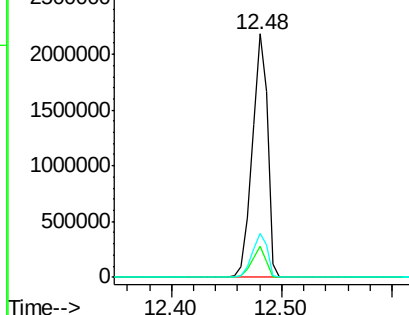
#75
Fluoranthene
Concen: 41.465 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:202 Resp: 2124639
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.3
203 18.2 0.0 37.6

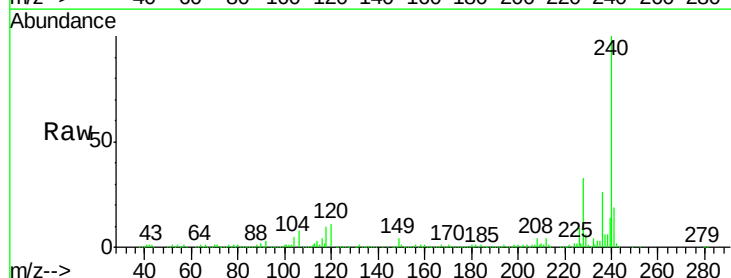


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

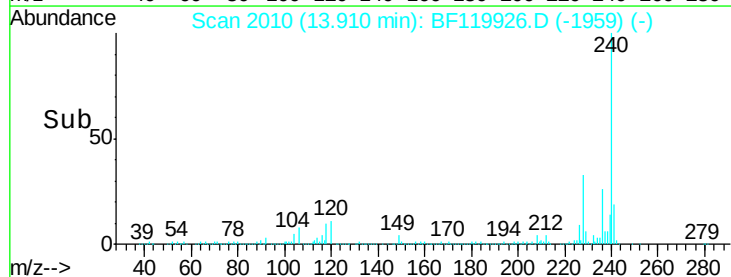
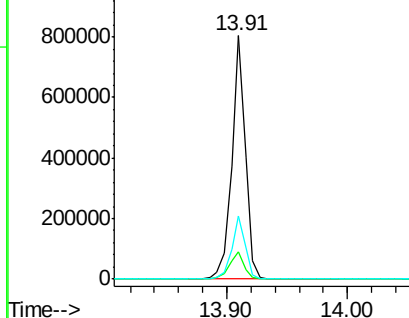


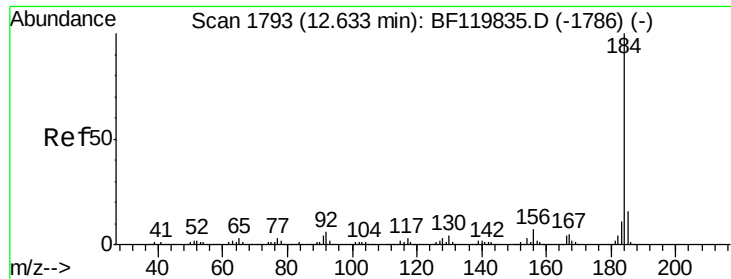
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:240 Resp: 624755
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.1 20.7 31.1



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

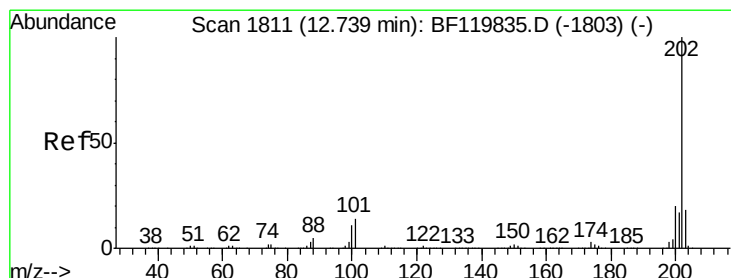
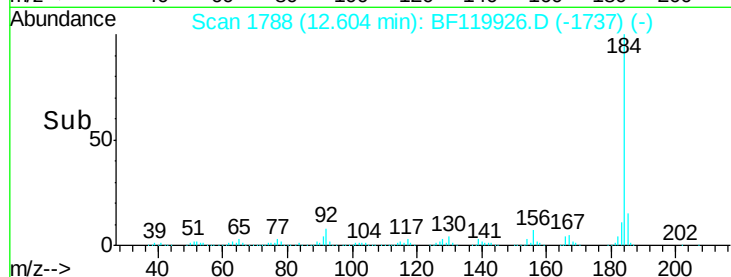
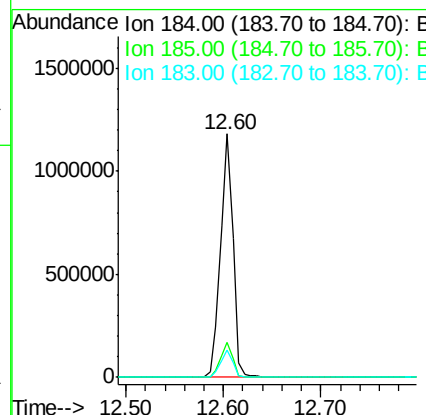
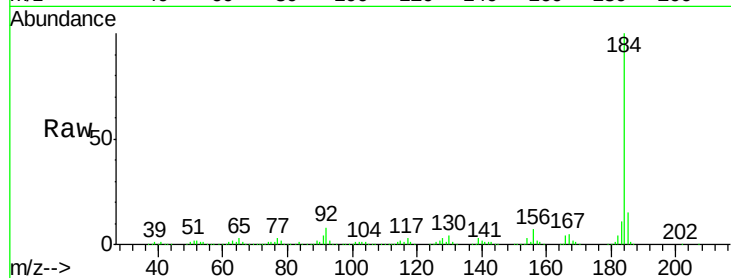




#77
Benzidine
Concen: 50.012 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

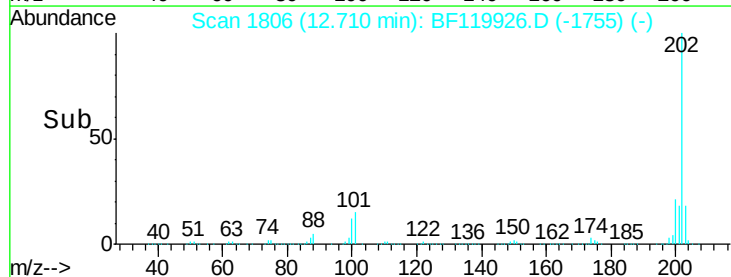
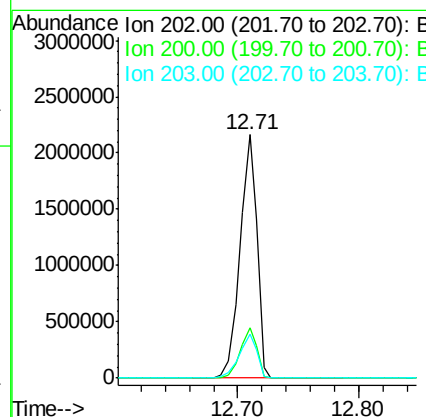
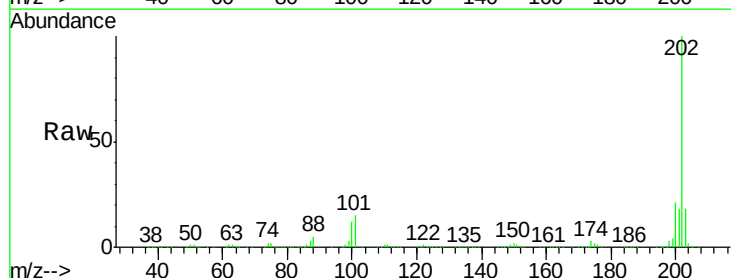
Instrument :
BNA_F
ClientSampleId :
TP-2MS

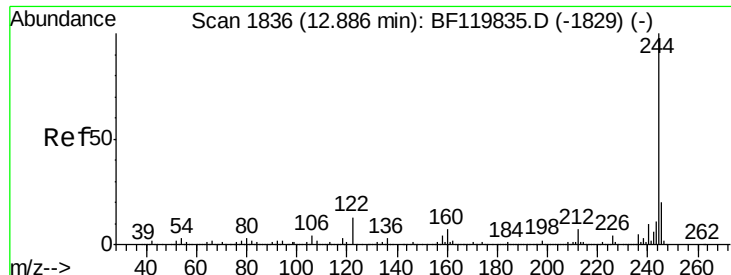
Tot Ion:184 Resp: 1056183
Ion Ratio Lower Upper
184 100
185 14.6 13.2 19.8
183 11.4 9.1 13.7



#78
Pyrene
Concen: 40.263 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:202 Resp: 2120584
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 50.386 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

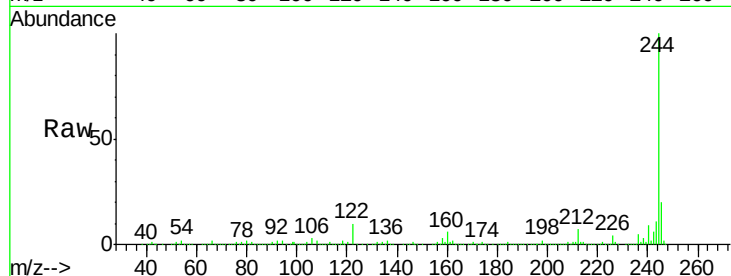
Tot Ion:244 Resp: 1870783

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

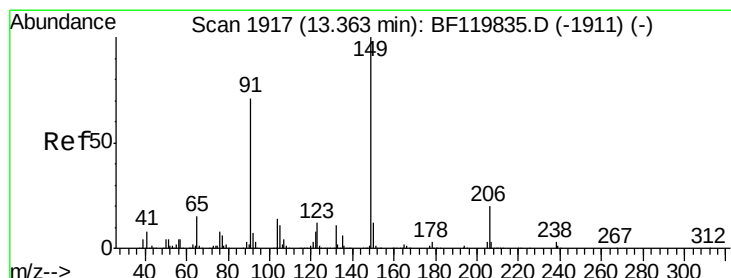
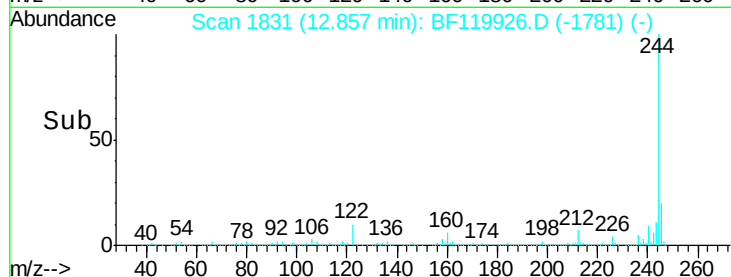
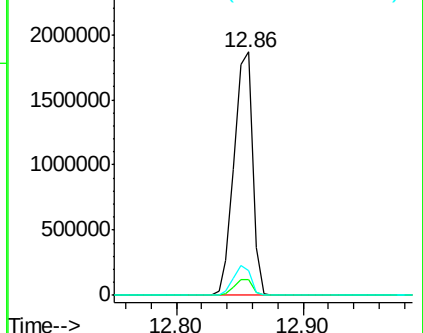
122 10.0 10.3 15.5#



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: 38.485 ng

RT: 13.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

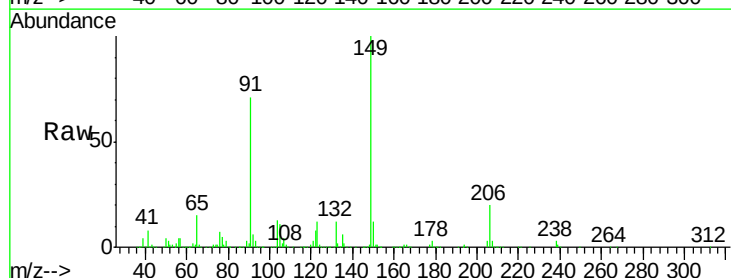
Tgt Ion:149 Resp: 983525

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

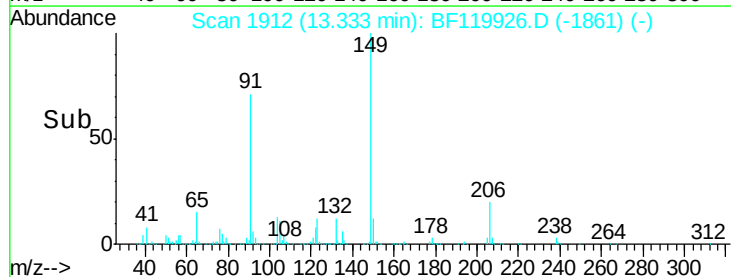
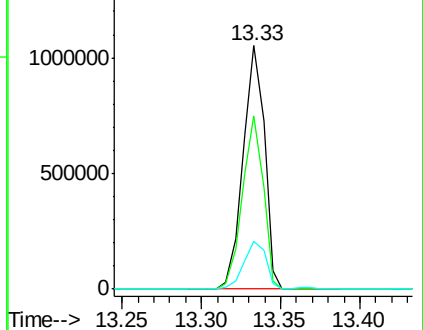
206 19.8 15.7 23.5

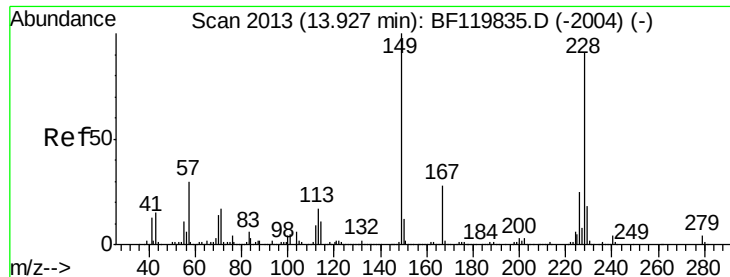


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.207 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampled :

TP-2MS

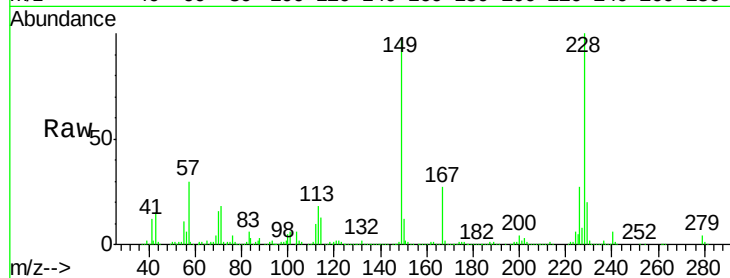
Tot Ion:228 Resp: 1693631

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

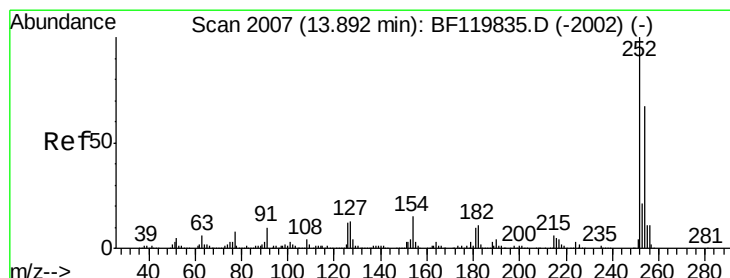
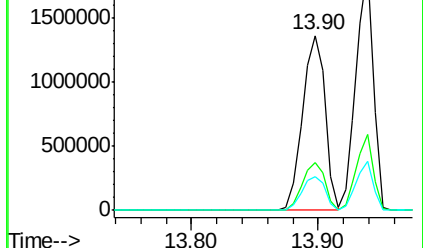
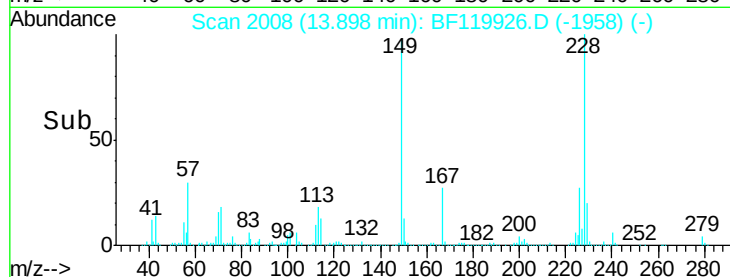
229 19.6 15.9 23.9



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: 24.083 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

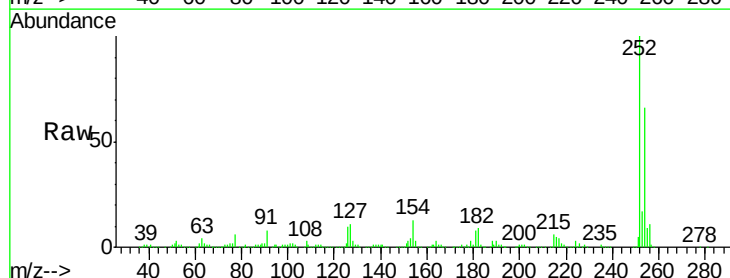
Tgt Ion:252 Resp: 369322

Ion Ratio Lower Upper

252 100

254 66.3 53.9 80.9

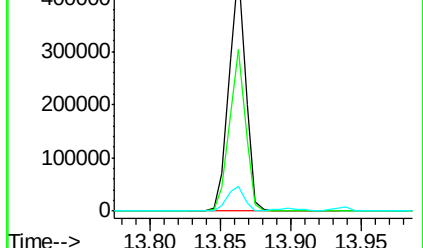
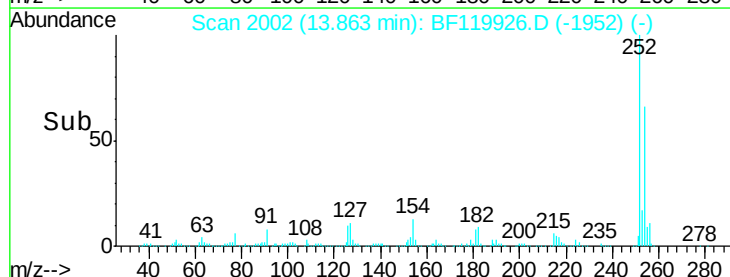
126 10.4 9.7 14.5

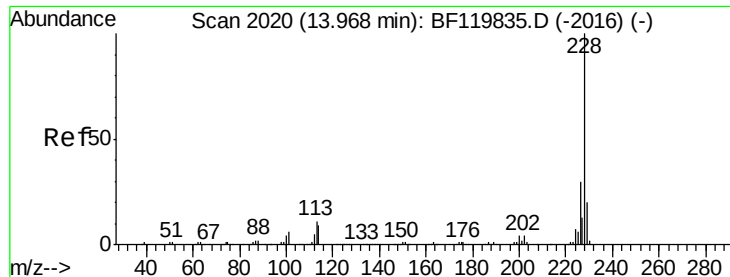


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.620 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

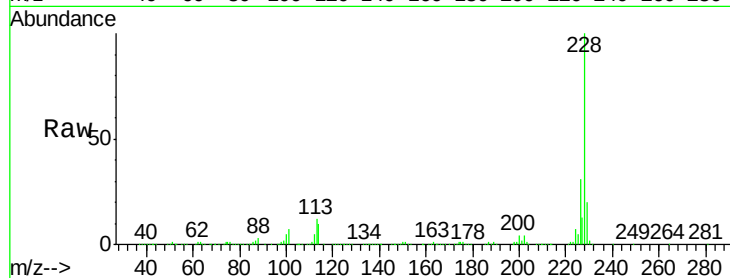
Tot Ion:228 Resp: 1779889

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

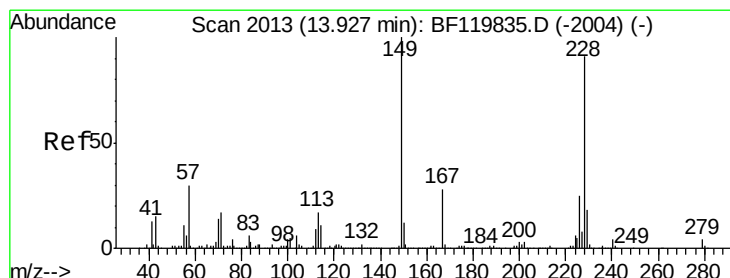
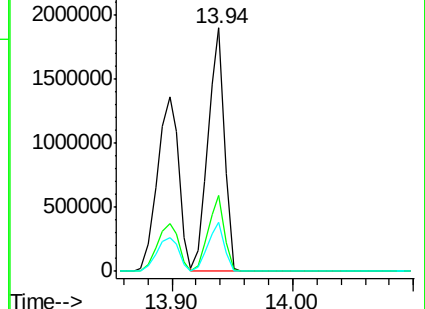
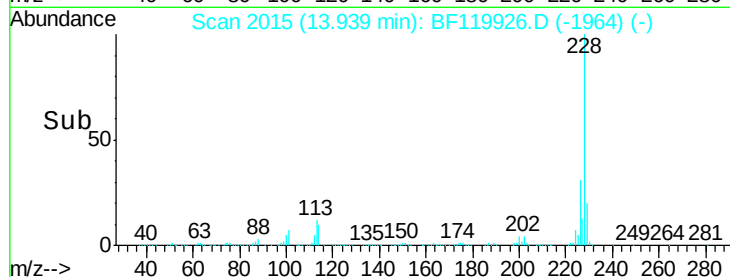
229 20.2 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.017 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

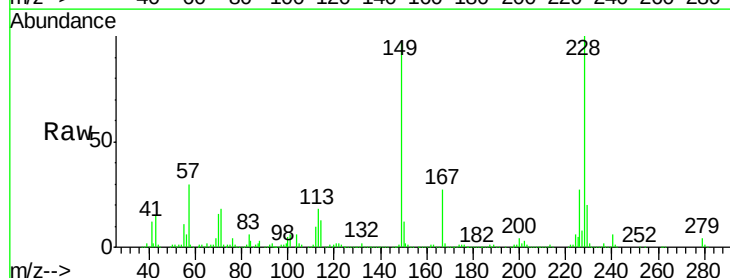
Tgt Ion:149 Resp: 1246497

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

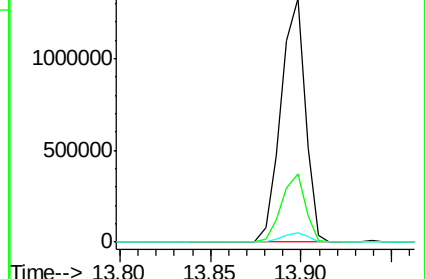
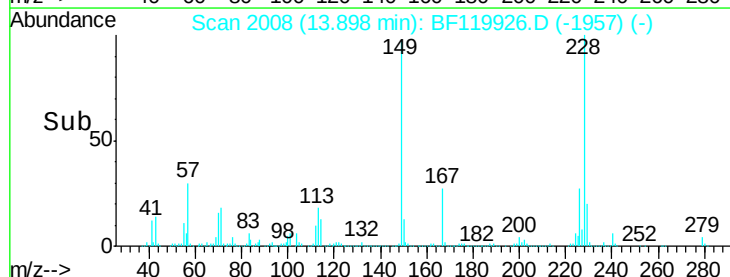
279 4.0 3.4 5.0

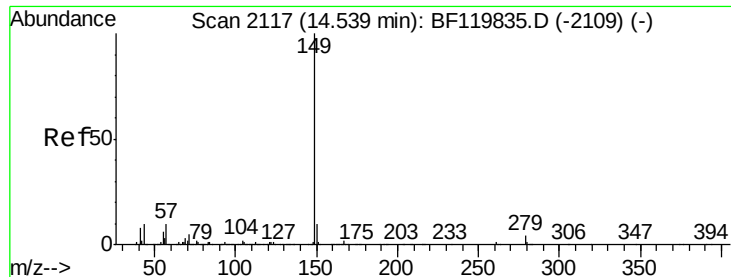


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.256 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

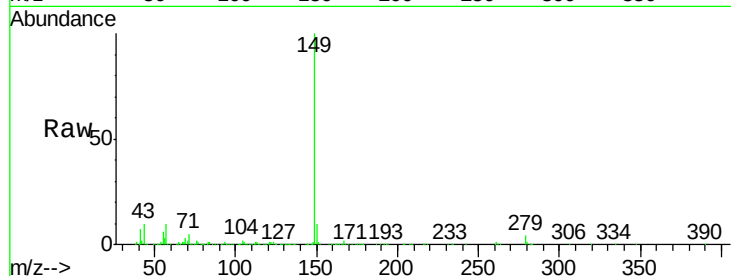
Tot Ion:149 Resp: 2313235

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

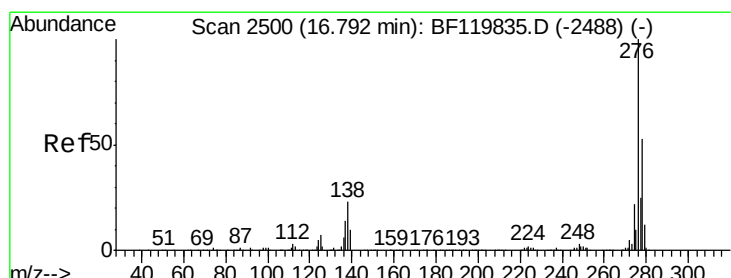
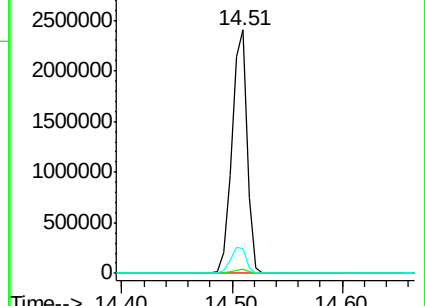
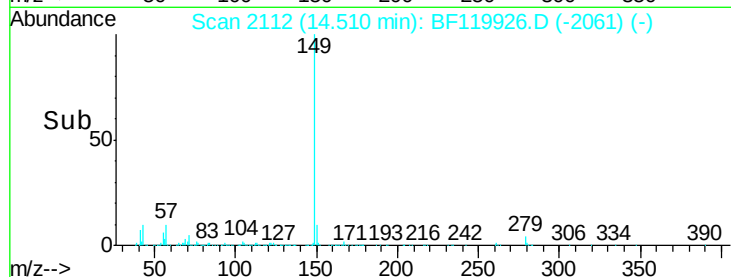
43 10.9 9.2 13.8



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: 43.292 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

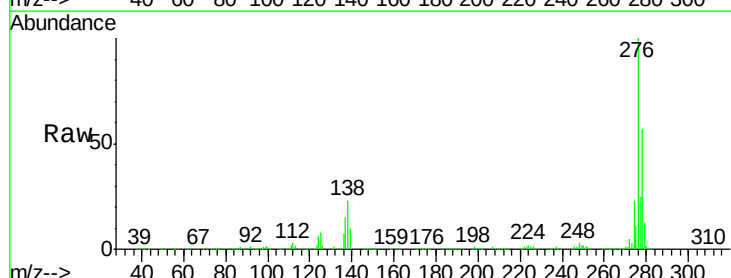
Tgt Ion:276 Resp: 1593674

Ion Ratio Lower Upper

276 100

138 24.0 18.0 27.0

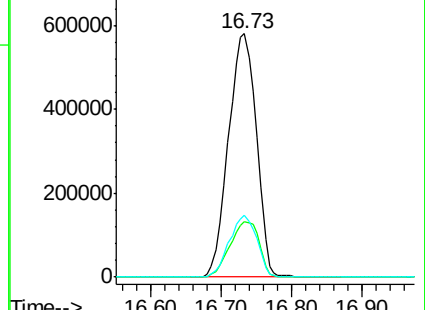
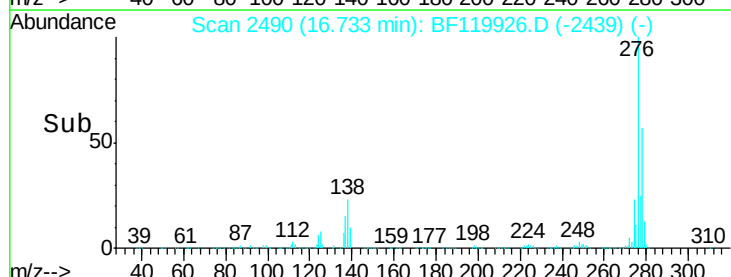
277 25.2 20.1 30.1

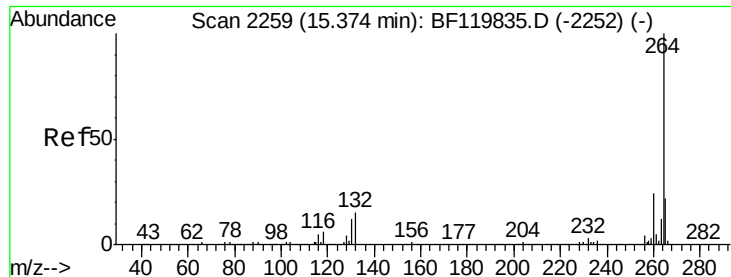


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

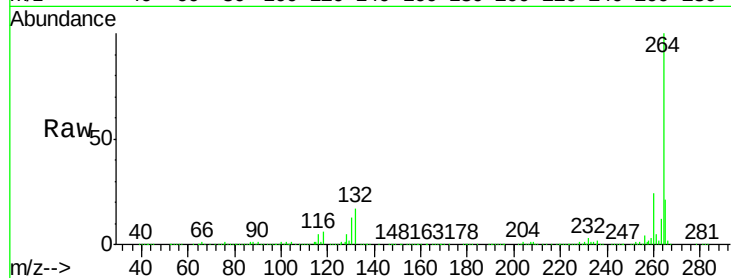




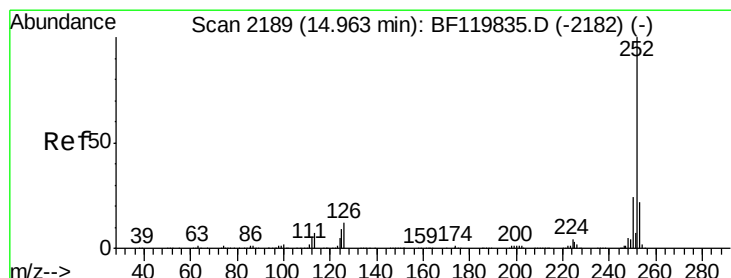
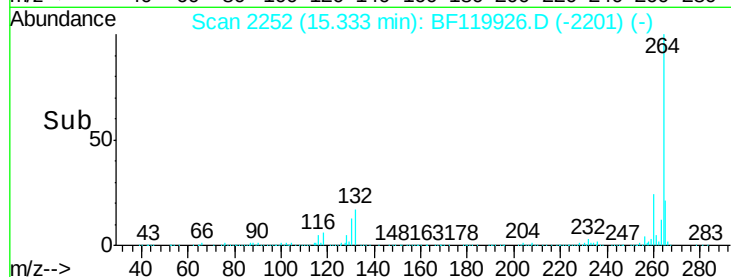
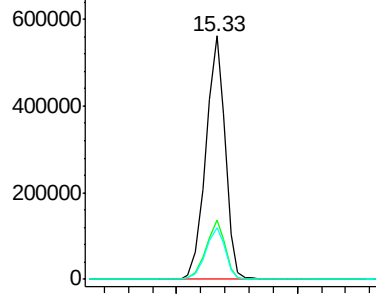
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:264 Resp: 625952
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.3 17.6 26.4

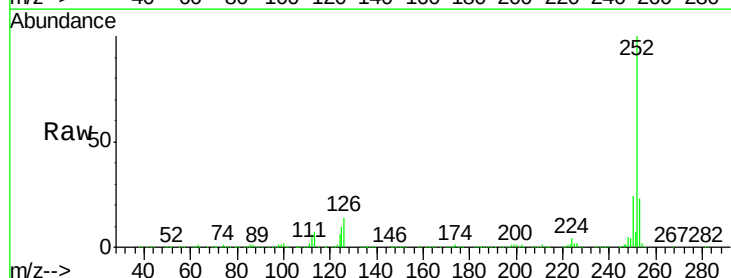


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

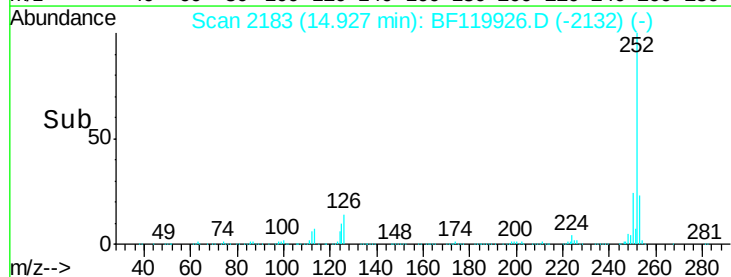
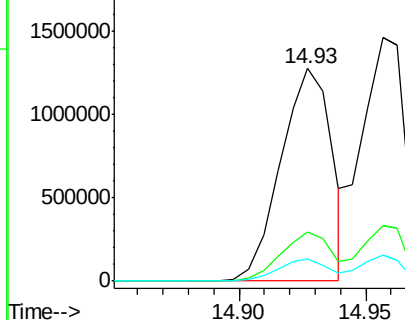


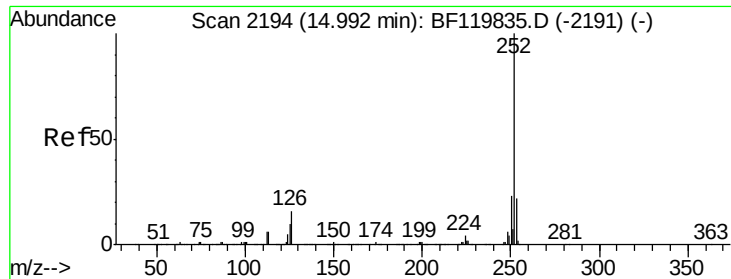
#88
Benzo(b)fluoranthene
Concen: 39.534 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:252 Resp: 1780209
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

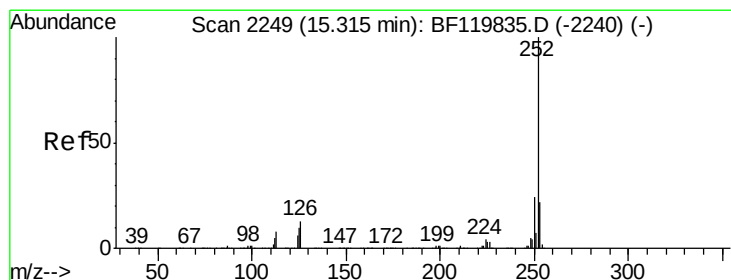
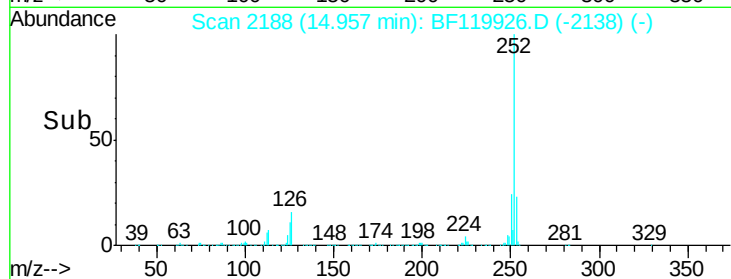
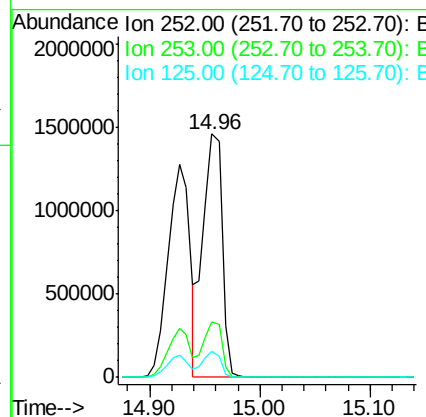
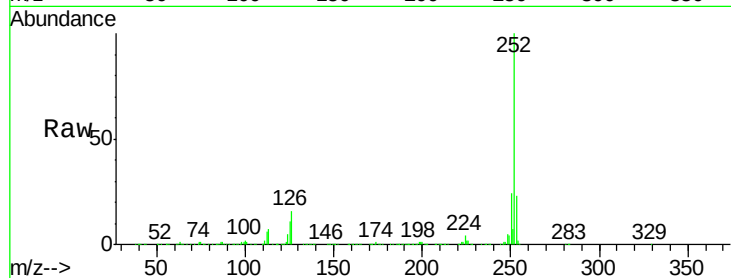




#89
Benzo(k)fluoranthene
Concen: 44.278 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

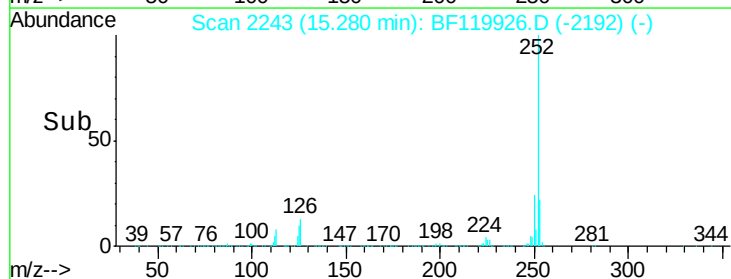
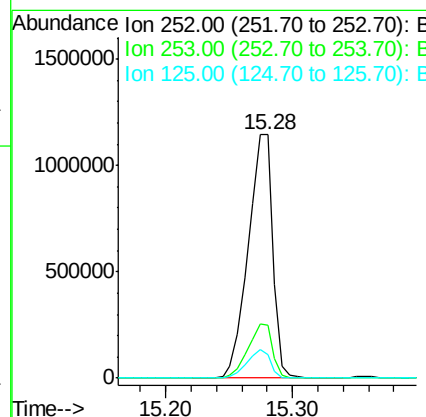
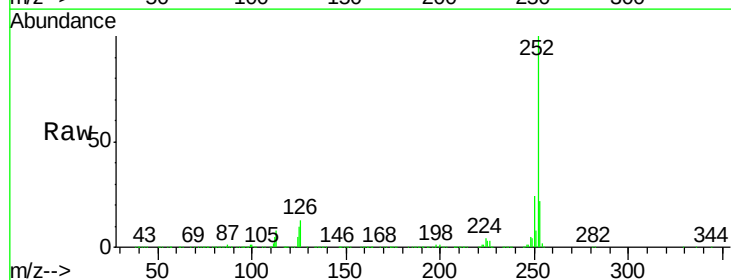
Instrument :
BNA_F
ClientSampleId :
TP-2MS

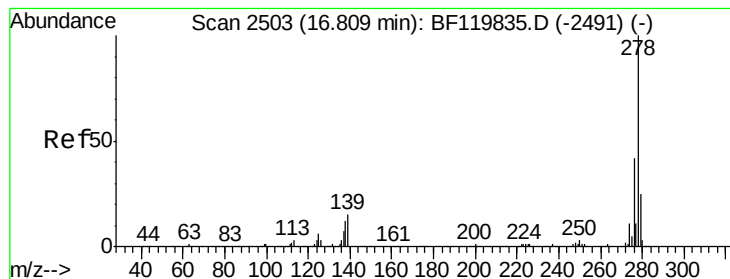
Tot Ion:252 Resp: 1720317
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.841 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:252 Resp: 1546277
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 39.619 ng

RT: 16.75 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

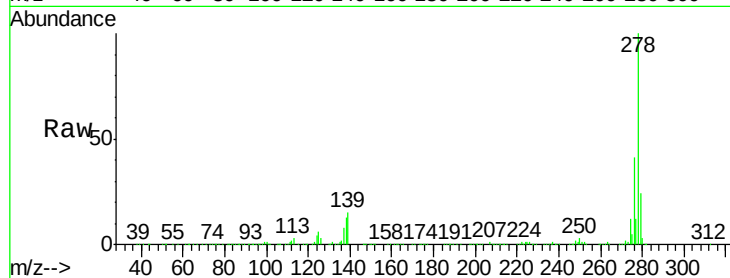
Tot Ion:278 Resp: 1328684

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

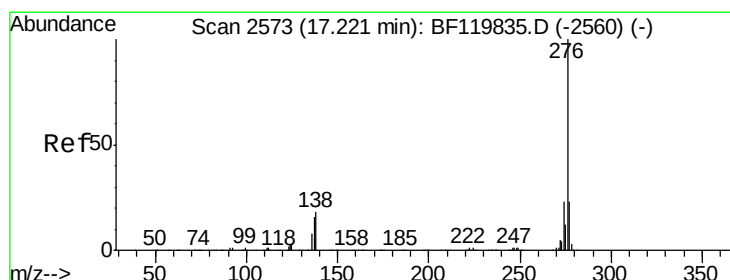
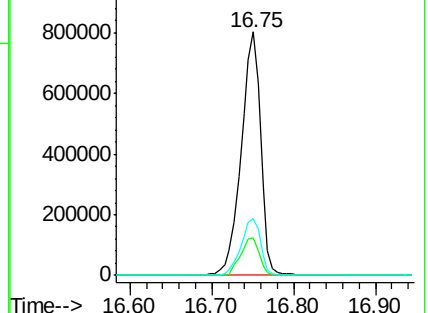
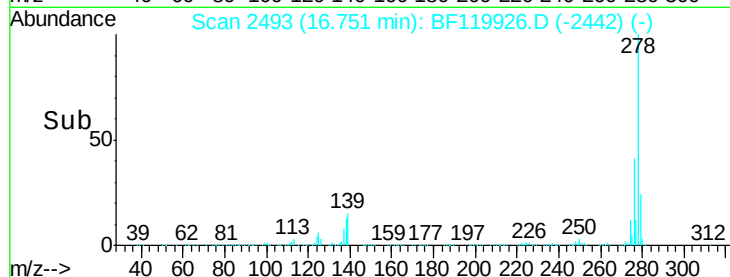
279 23.5 19.7 29.5



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: 39.252 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

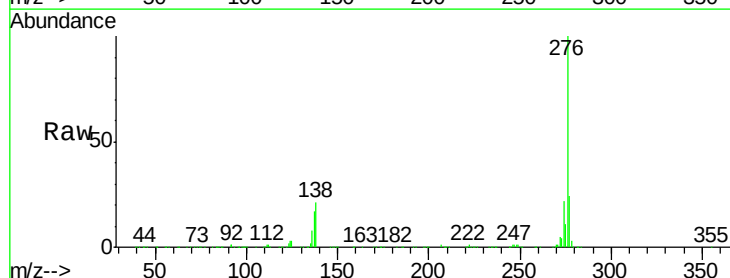
Tgt Ion:276 Resp: 1299397

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 20.6 14.6 22.0



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

