

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119902.D
 Acq On : 10 Apr 2020 18:39
 Operator : MA/SJ
 Sample : L2201-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:23:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199095	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	783562	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	411905	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	782960	20.00	ng	0.00
76) Chrysene-d12	13.93	240	506261	20.00	ng	0.00
87) Perylene-d12	15.36	264	450506	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1059762	91.99	ng	0.01
7) Phenol-d6	6.39	99	1411216	95.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	886098	58.50	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	432729	85.81	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1702309	58.68	ng	0.00
79) Terphenyl-d14	12.87	244	1829648	60.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	189231	36.878	ng	97
3) Pyridine	3.20	79	548781	38.981	ng	99
4) n-Nitrosodimethylamine	3.16	42	327345	45.508	ng	97
6) Aniline	6.42	93	882937	45.316	ng	95
8) 2-Chlorophenol	6.54	128	672820	52.270	ng	98
9) Benzaldehyde	6.30	77	315251	39.286	ng	96
10) Phenol	6.41	94	861193	51.136	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	620241	47.698	ng	98
12) 1,3-Dichlorobenzene	6.69	146	644217	45.714	ng	99
13) 1,4-Dichlorobenzene	6.77	146	652041	45.422	ng	99
14) 1,2-Dichlorobenzene	6.93	146	620536	46.905	ng	97
15) Benzyl Alcohol	6.90	79	557145	48.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1124716	44.449	ng	99
17) 2-Methylphenol	7.02	107	546070	47.537	ng	97
18) Hexachloroethane	7.27	117	247771	46.183	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	459113	48.095	ng	97
20) 3+4-Methylphenols	7.17	107	660677	47.026	ng	99
22) Acetophenone	7.17	105	861675	46.962	ng	94
24) Nitrobenzene	7.34	77	700173	45.954	ng	99
25) Isophorone	7.59	82	1321475	45.260	ng	99
26) 2-Nitrophenol	7.66	139	368569	48.419	ng	96
27) 2,4-Dimethylphenol	7.70	122	577666	50.317	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	827033	48.137	ng	99
29) 2,4-Dichlorophenol	7.90	162	570308	48.463	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	590228	44.265	ng	97
31) Naphthalene	8.06	128	1878706	45.571	ng	100
32) Benzoic acid	7.85	122	487194	48.320	ng	97
33) 4-Chloroaniline	8.12	127	679285	37.849	ng	96
34) Hexachlorobutadiene	8.18	225	334846	41.951	ng	99
35) Caprolactam	8.50	113	97721	27.147	ng	94
36) 4-Chloro-3-methylphenol	8.60	107	625613	49.104	ng	96
37) 2-Methylnaphthalene	8.76	142	1299993	46.512	ng	99
38) 1-Methylnaphthalene	8.86	142	1241966	47.145	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	563129	43.285	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	679675	91.875	ng	98
43) 2,4,6-Trichlorophenol	9.03	196	431271	48.005	ng	96
44) 2,4,5-Trichlorophenol	9.07	196	454376	44.906	ng	99
46) 1,1'-Biphenyl	9.22	154	1564581	45.002	ng	98
47) 2-Chloronaphthalene	9.25	162	1223907	45.698	ng	98
48) 2-Nitroaniline	9.35	65	459063	47.298	ng	97
49) Acenaphthylene	9.66	152	1920208	47.143	ng	99
50) Dimethylphthalate	9.53	163	1671462	52.462	ng	99
51) 2,6-Dinitrotoluene	9.59	165	338651	48.539	ng	96
52) Acenaphthene	9.83	154	1185675	43.638	ng	98
53) 3-Nitroaniline	9.76	138	291370	36.566	ng	98
54) 2,4-Dinitrophenol	9.87	184	420088	100.570	ng	98
55) Dibenzofuran	10.00	168	1727310	46.327	ng	97
56) 4-Nitrophenol	9.93	139	573774	96.778	ng	88
57) 2,4-Dinitrotoluene	9.99	165	439991	47.866	ng	91
58) Fluorene	10.35	166	1336794	44.831	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	381234	49.263	ng	97
60) Diethylphthalate	10.23	149	1503489	45.531	ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	645964	42.267	ng	95
62) 4-Nitroaniline	10.38	138	368448	48.520	ng	97
63) Azobenzene	10.50	77	1415262	47.824	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	261048	50.608	ng	91
66) n-Nitrosodiphenylamine	10.46	169	1254701	48.185	ng	98
67) 4-Bromophenyl-phenylether	10.83	248	435176	44.693	ng	93
68) Hexachlorobenzene	10.90	284	467882	47.368	ng	95
69) Atrazine	11.00	200	373228	51.516	ng	96
70) Pentachlorophenol	11.09	266	509545	89.515	ng	99
71) Phenanthrene	11.31	178	1946428	46.711	ng	98
72) Anthracene	11.36	178	2008416	47.181	ng	99
73) Carbazole	11.52	167	1868040	46.404	ng	99
74) Di-n-butylphthalate	11.85	149	2323504	43.906	ng	99
75) Fluoranthene	12.50	202	2094385	46.582	ng	99
77) Benzidine	12.63	184	1407481	82.246	ng	97
78) Pyrene	12.73	202	2111191	49.467	ng	99
80) Butylbenzylphthalate	13.35	149	921499	44.497	ng	100
81) Benzo(a)anthracene	13.92	228	1550299	46.548	ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	471702	37.958	ng	97
83) Chrysene	13.96	228	1600043	47.281	ng	98
84) Bis(2-ethylhexyl)phthalate	13.91	149	1143361	40.770	ng	98
85) Di-n-octyl phthalate	14.53	149	1897029	39.728	ng	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1474051	49.414	ng	99
88) Benzo(b)fluoranthene	14.95	252	1510235	46.600	ng	99
89) Benzo(k)fluoranthene	14.98	252	1392134	49.786	ng	99
90) Benzo(a)pyrene	15.30	252	1296601	47.584	ng	99
91) Dibenzo(a,h)anthracene	16.79	278	1211201	50.181	ng	98
92) Benzo(g,h,i)perylene	17.20	276	1241320	52.101	ng	98

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

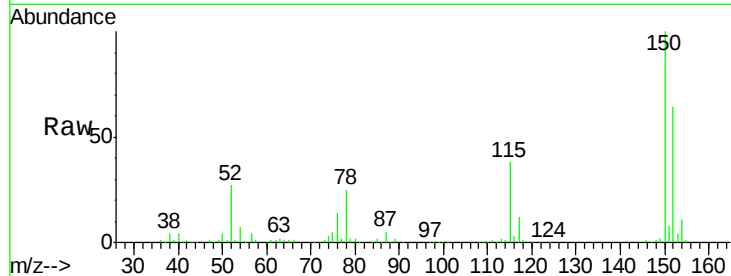


#1

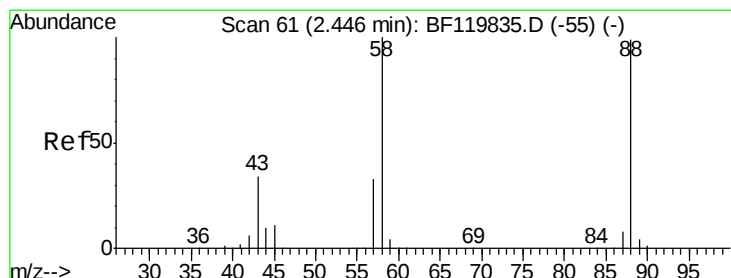
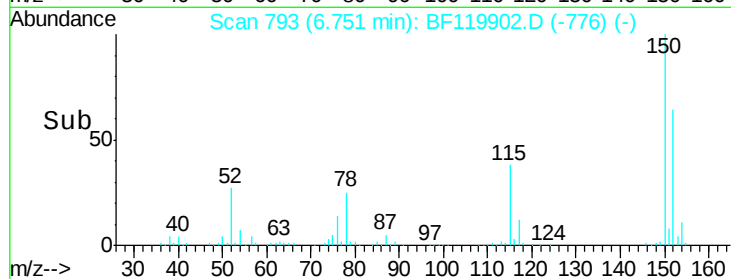
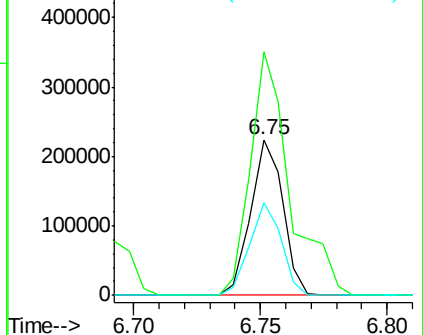
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.8	187.2
115	59.8	46.5	69.7



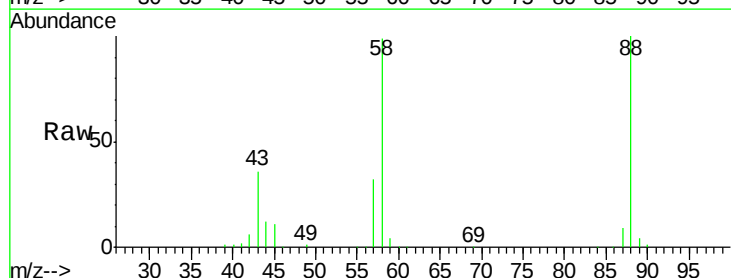
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



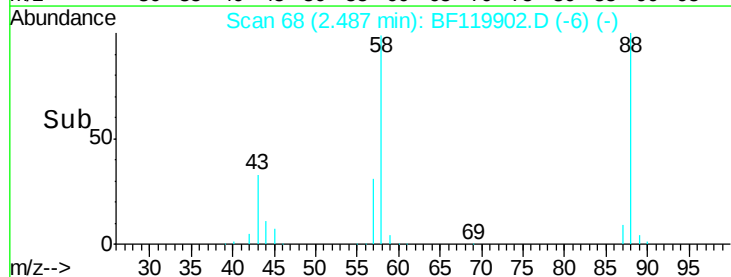
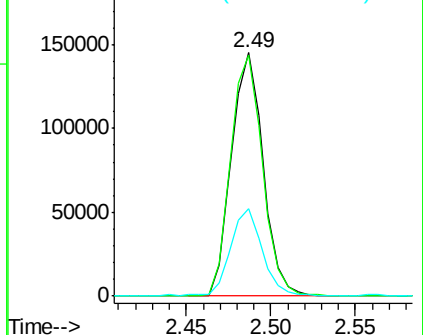
#2

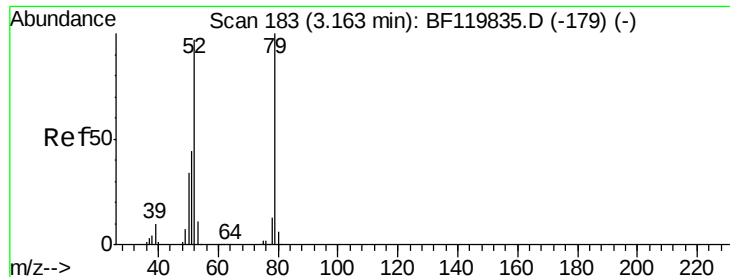
1,4-Dioxane
Concen: 36.878 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.06 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	82.6	123.8
43	35.5	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: 38.981 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.07 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

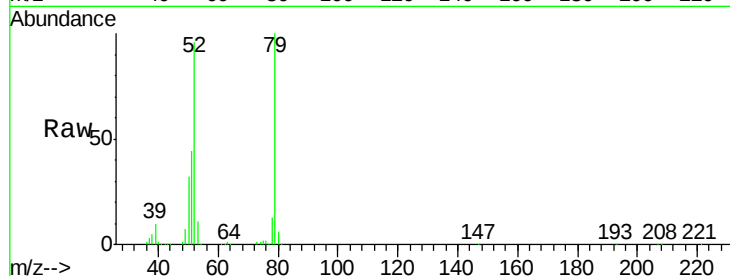
Tot Ion: 79 Resp: 548781

Ion Ratio Lower Upper

79 100

52 95.7 77.4 116.0

51 44.4 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

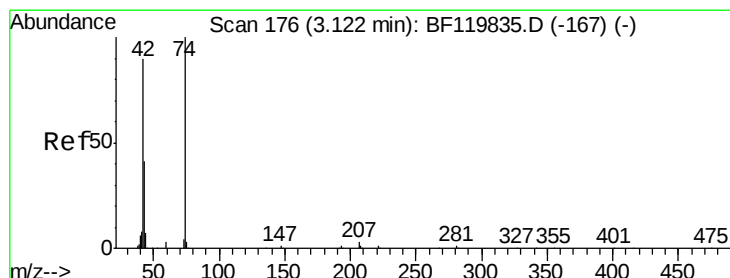
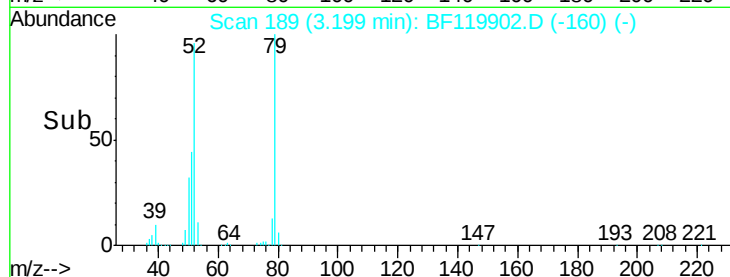
3.20

200000

100000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 45.508 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.07 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

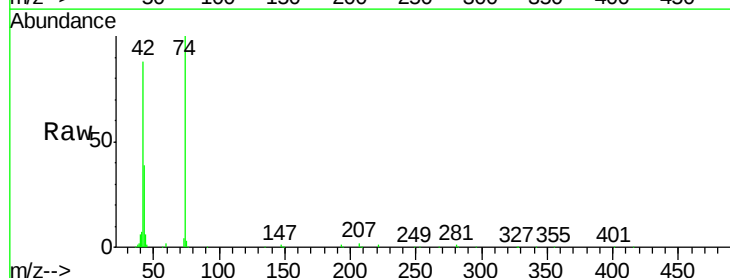
Tgt Ion: 42 Resp: 327345

Ion Ratio Lower Upper

42 100

74 113.9 89.0 133.4

44 6.8 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.16

200000

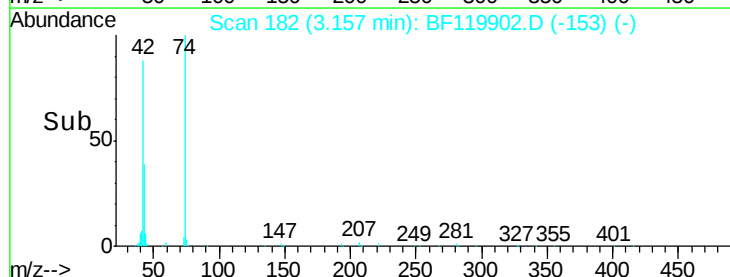
150000

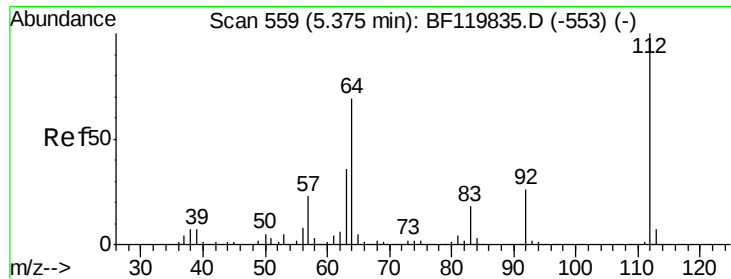
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 91.989 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampled :

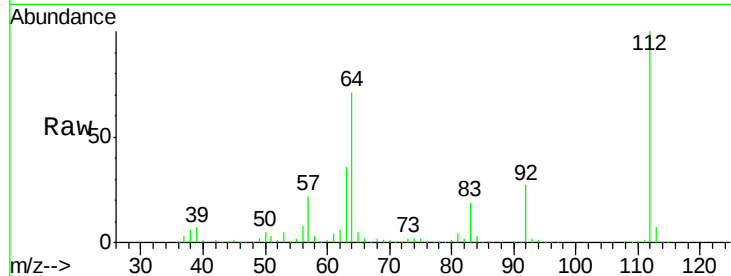
Tot Ion:112 Resp: 1059762

Ion Ratio Lower Upper

112 100

64 70.8 55.5 83.3

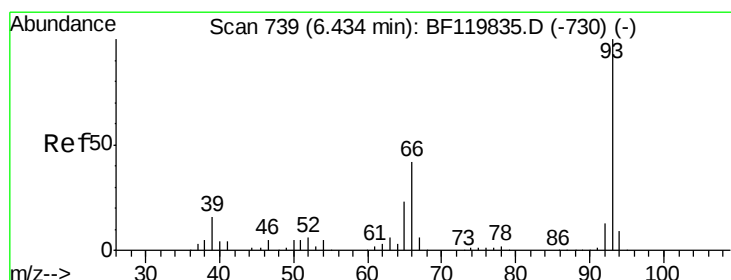
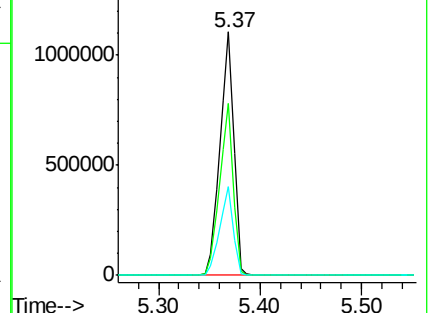
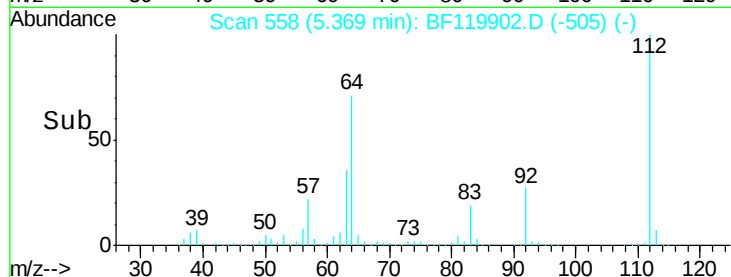
63 36.3 29.1 43.7



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: 45.316 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

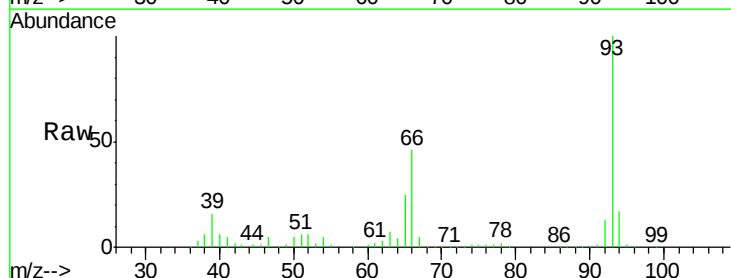
Tgt Ion: 93 Resp: 882937

Ion Ratio Lower Upper

93 100

66 45.8 34.2 51.2

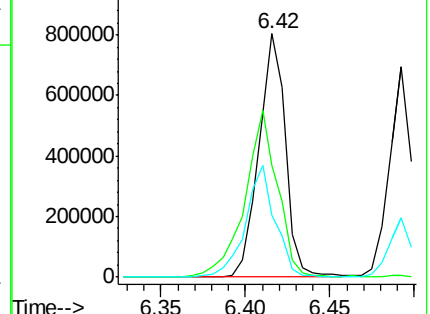
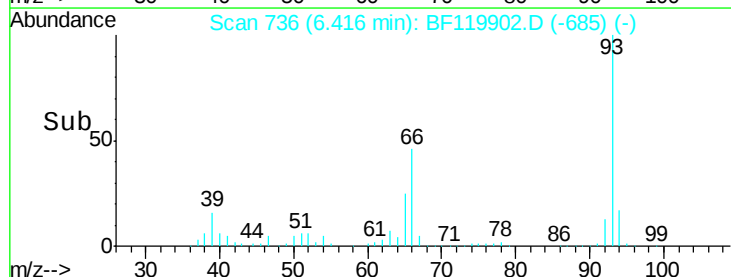
65 25.3 18.3 27.5



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: 95.065 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampled :

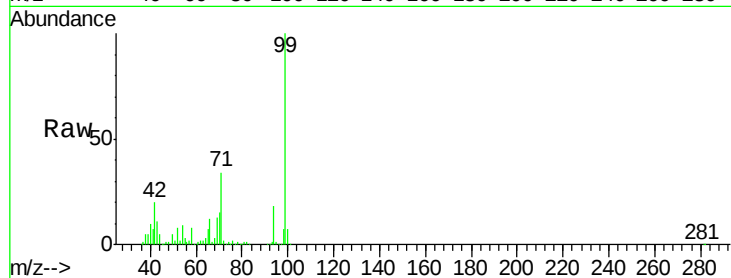
Tot Ion: 99 Resp: 1411216

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

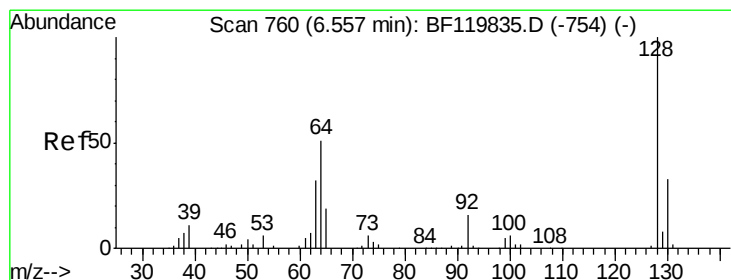
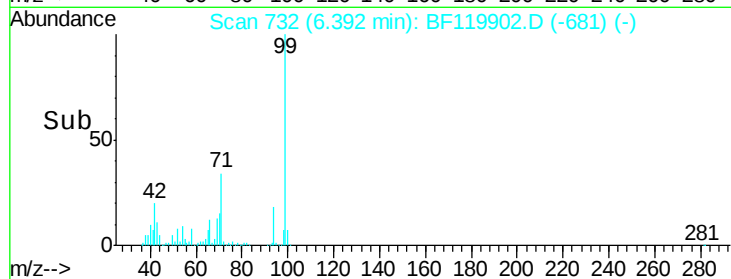
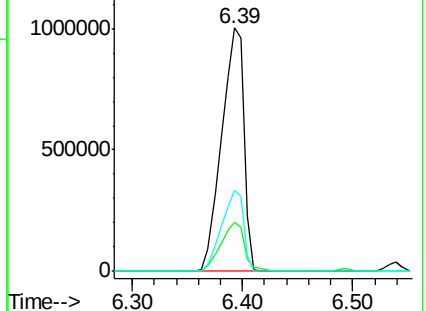
71 33.5 26.3 39.5



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: 52.270 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

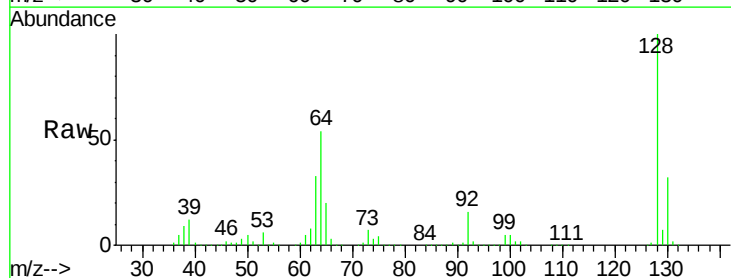
Tgt Ion: 128 Resp: 672820

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

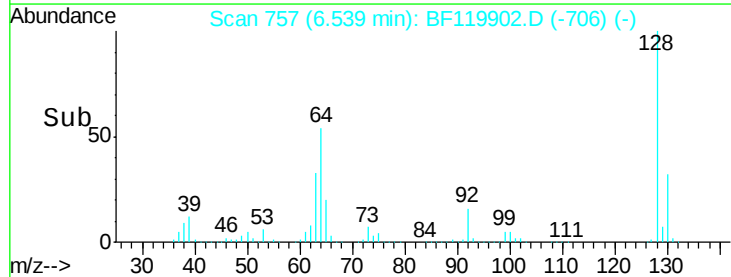
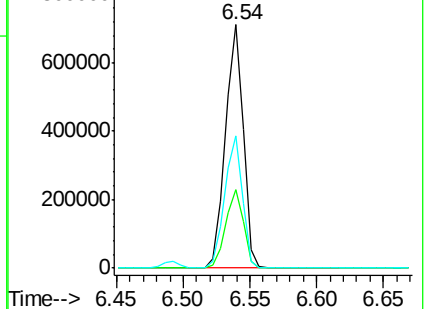
64 54.1 32.0 72.0

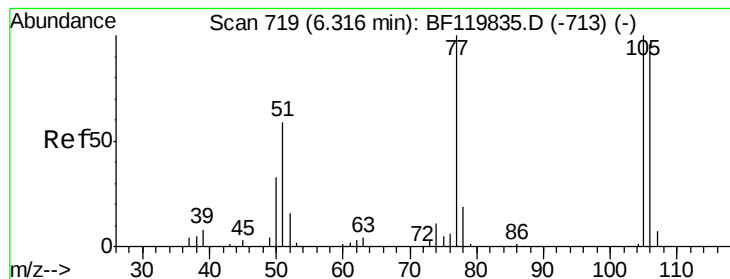


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.286 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

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ClientSampleId :

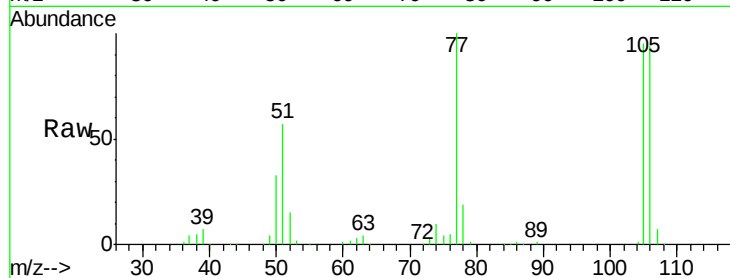
Tot Ion: 77 Resp: 315251

Ion Ratio Lower Upper

77 100

105 95.1 79.9 119.9

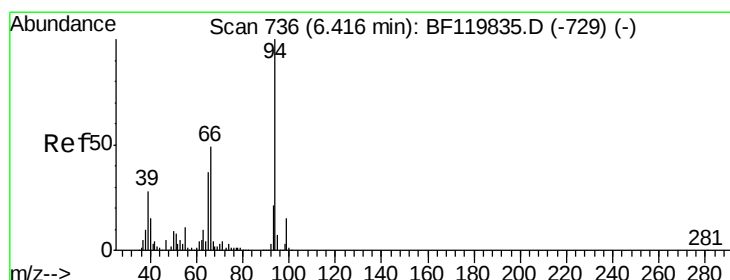
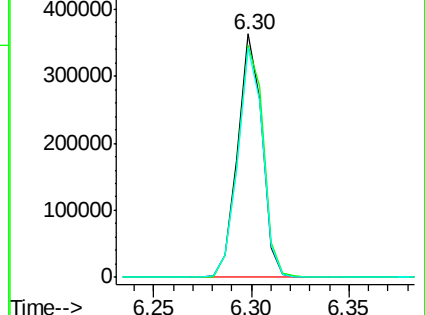
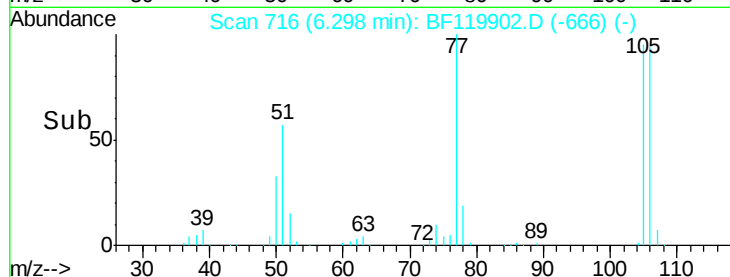
106 94.1 76.4 116.4



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: 51.136 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

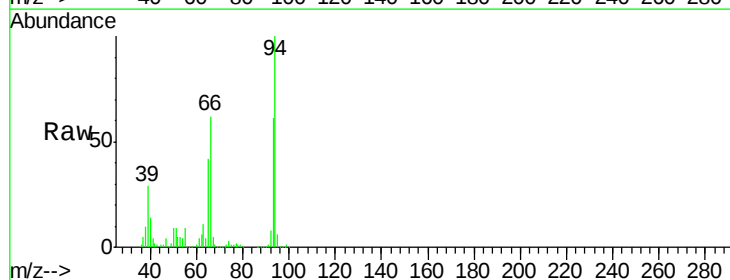
Tgt Ion: 94 Resp: 861193

Ion Ratio Lower Upper

94 100

65 41.6 16.6 56.6

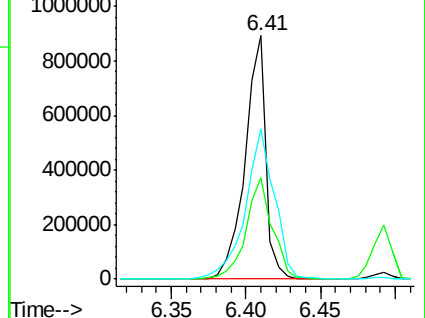
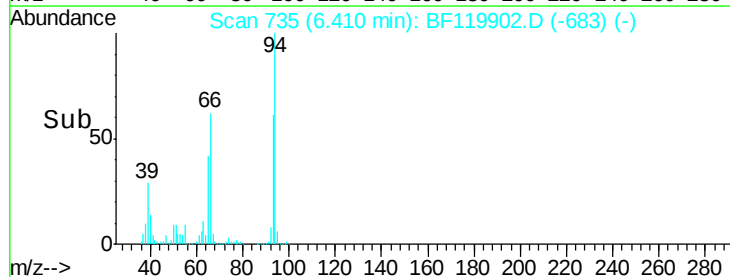
66 61.6 29.3 69.3

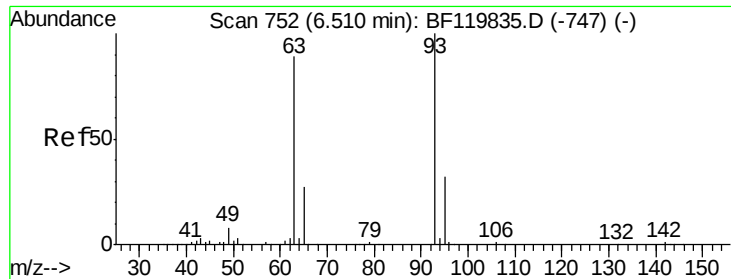


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

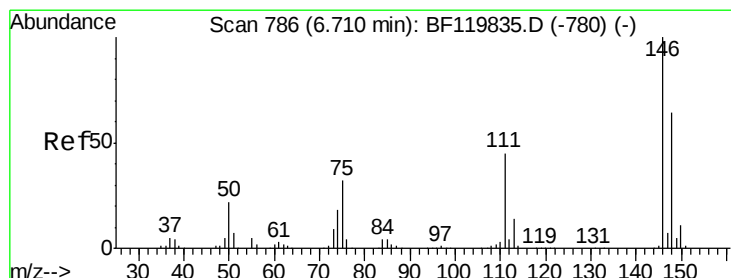
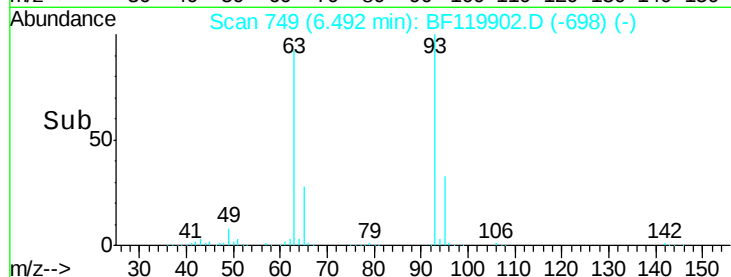
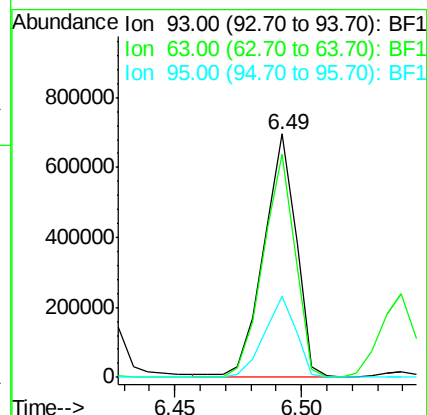
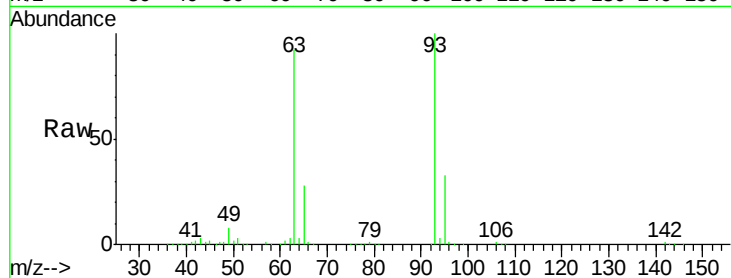




#11
bis(2-Chloroethyl)ether
Concen: 47.698 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

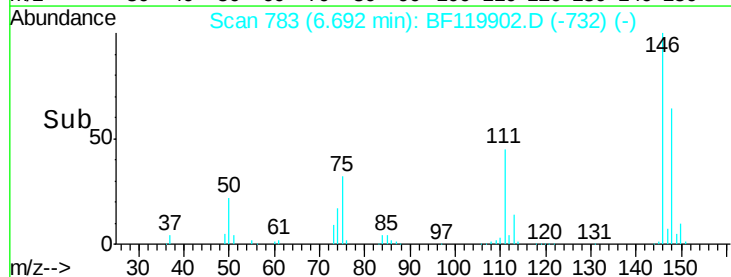
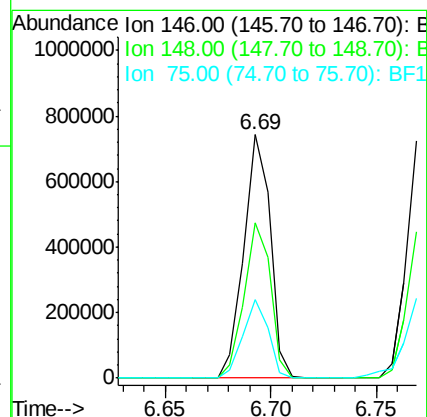
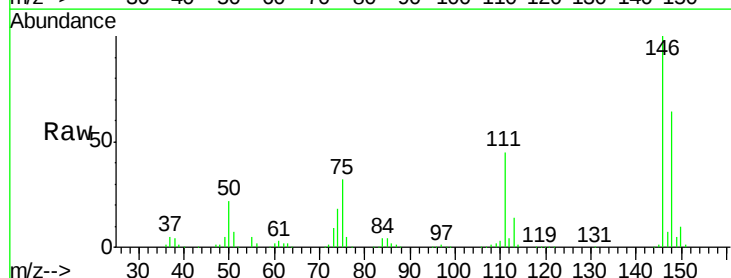
Instrument :
BNA_F
ClientSampleId :

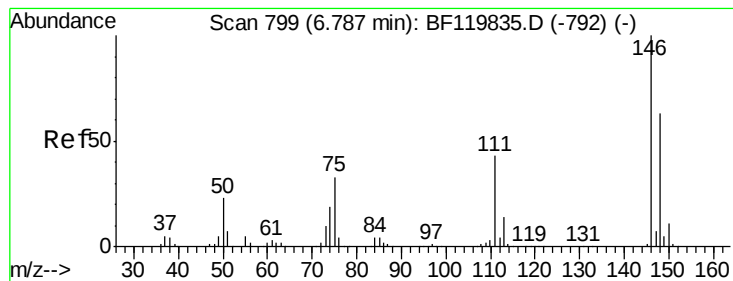
Tot Ion: 93 Resp: 620241
Ion Ratio Lower Upper
93 100
63 91.7 69.1 109.1
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.714 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion: 146 Resp: 644217
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.0 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 45.422 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

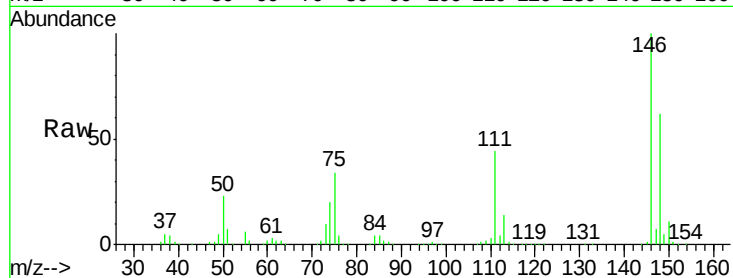
Tot Ion:146 Resp: 652041

Ion Ratio Lower Upper

146 100

148 61.8 50.5 75.7

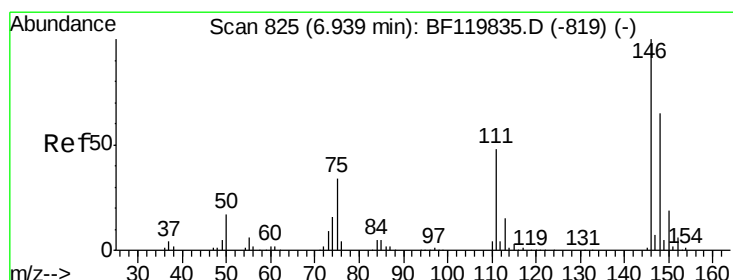
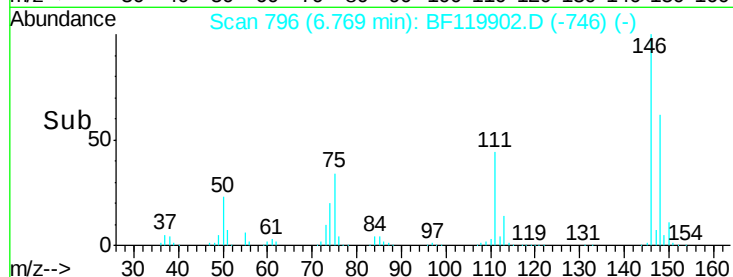
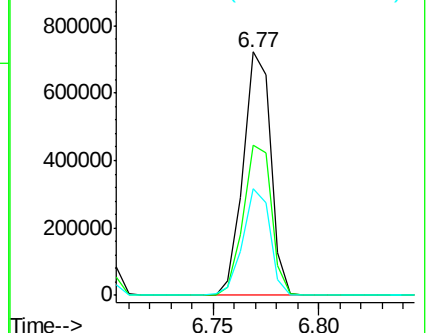
111 43.9 34.7 52.1



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: 46.905 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

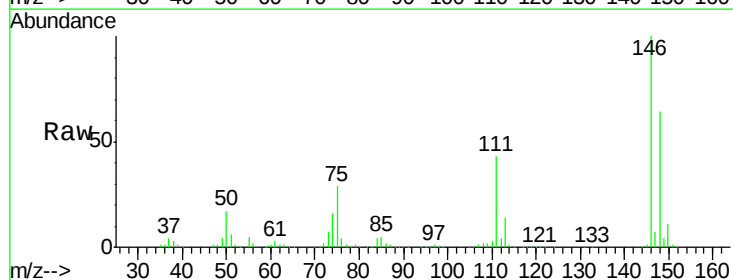
Tgt Ion:146 Resp: 620536

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

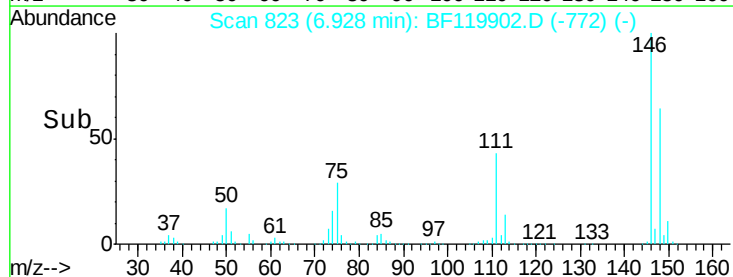
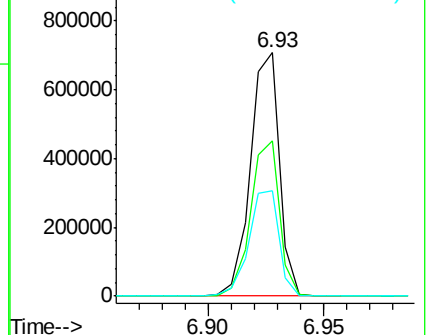
111 43.4 38.0 57.0

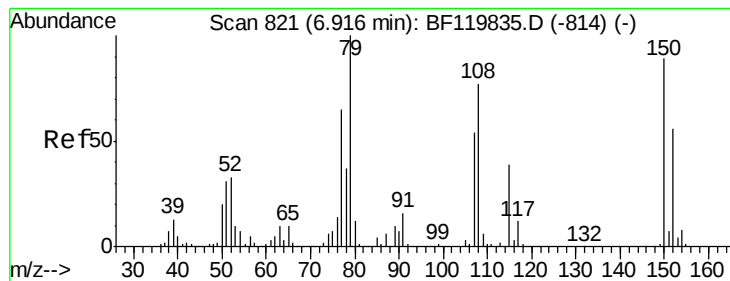


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.322 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

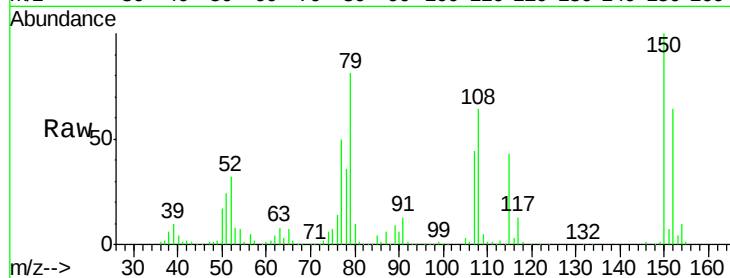
Tot Ion: 79 Resp: 557145

Ion Ratio Lower Upper

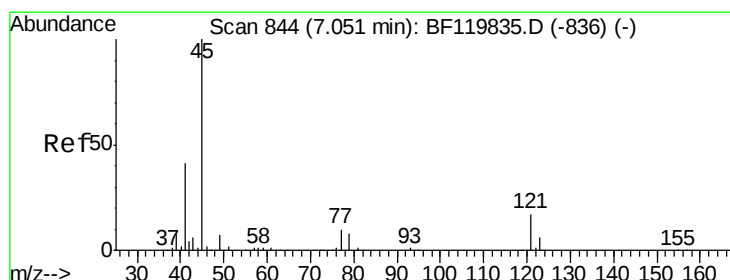
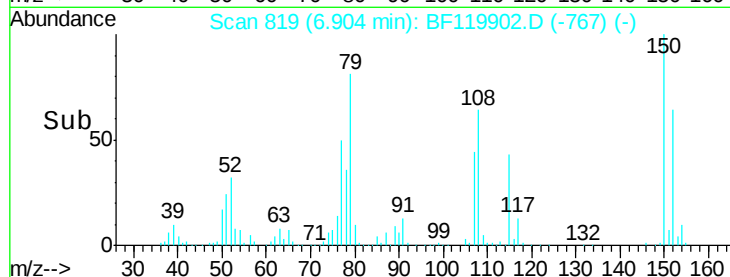
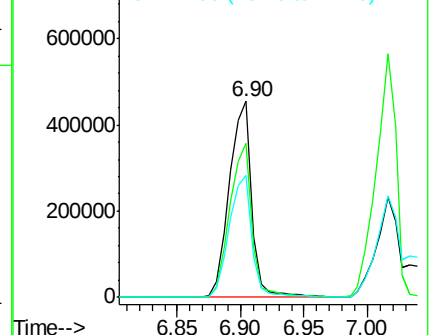
79 100

108 78.8 62.0 93.0

77 62.1 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: 44.449 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

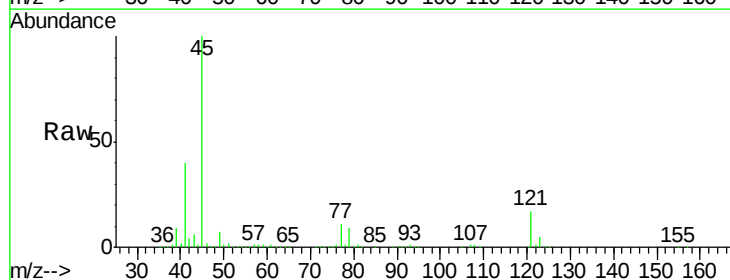
Tgt Ion: 45 Resp: 1124716

Ion Ratio Lower Upper

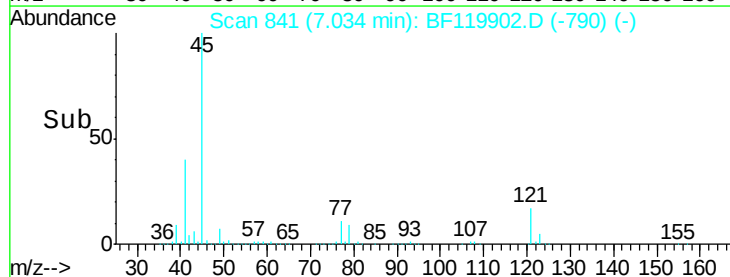
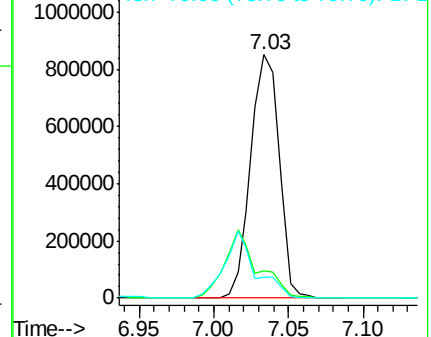
45 100

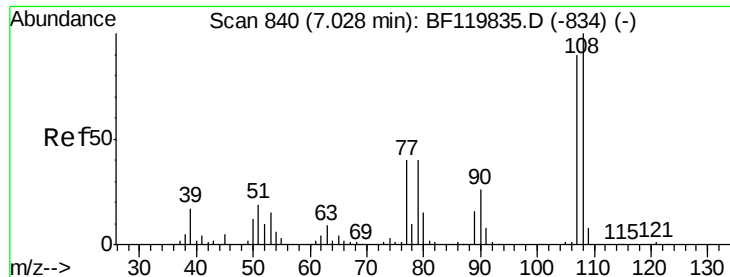
77 11.3 0.0 30.7

79 8.8 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

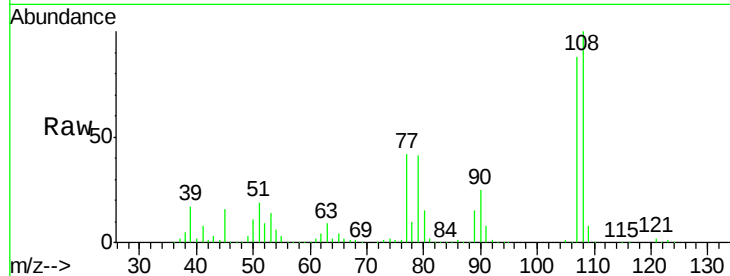




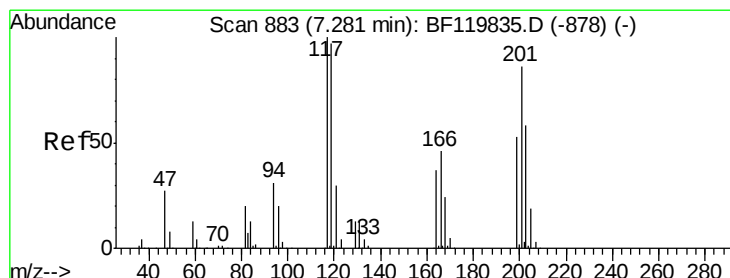
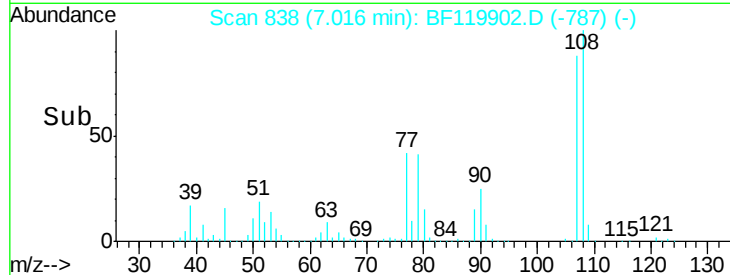
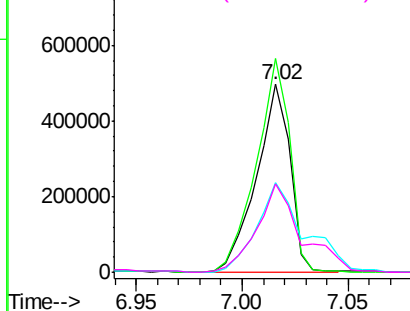
#17
2-Methylphenol
Concen: 47.537 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	546070
Ion	Ratio	Lower	Upper
107	100		
108	113.5	88.8	133.2
77	47.5	36.0	54.0
79	46.6	35.7	53.5

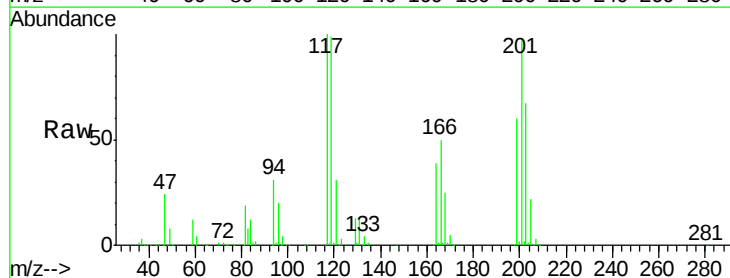


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

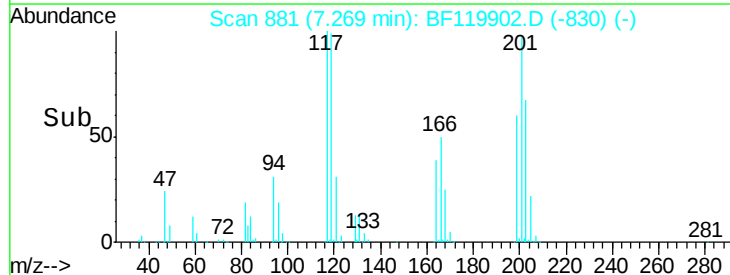
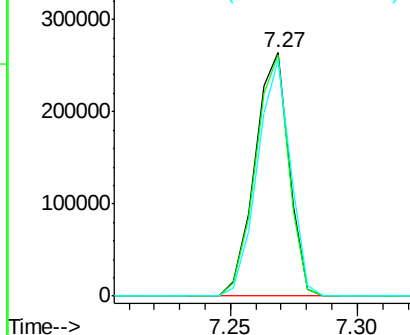


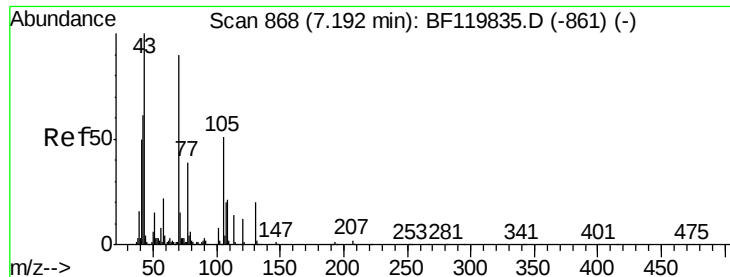
#18
Hexachloroethane
Concen: 46.183 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:	117	Resp:	247771
Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.4	116.0
201	96.9	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

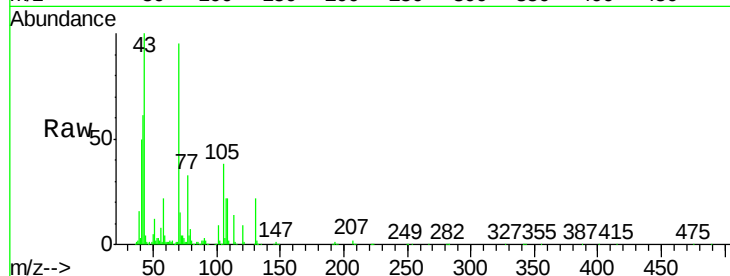




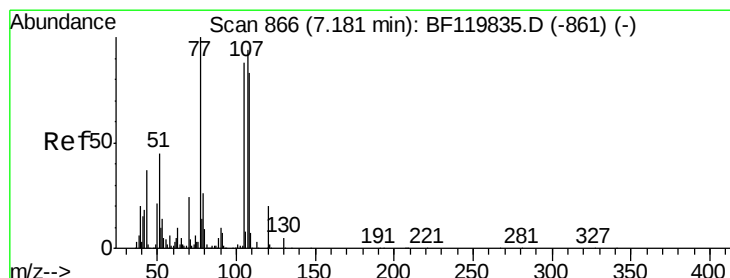
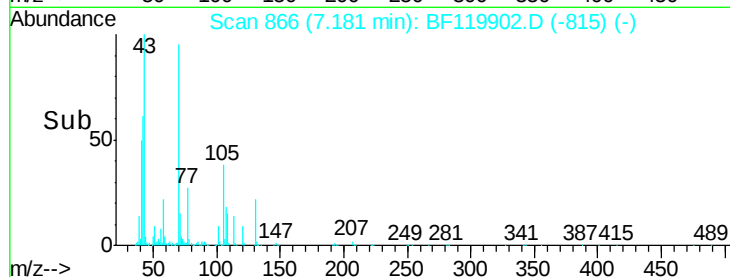
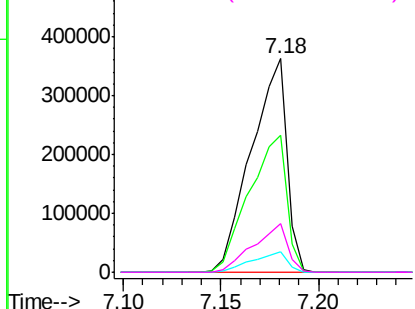
#19
n-Nitroso-di-n-propylamine
Concen: 48.095 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 459113
Ion Ratio Lower Upper
70 100
42 64.4 54.2 81.4
101 9.6 7.4 11.2
130 22.9 17.8 26.6

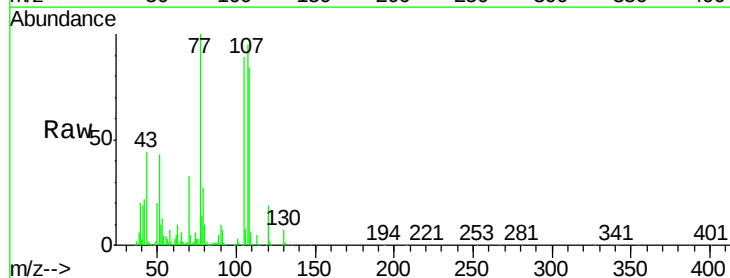


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

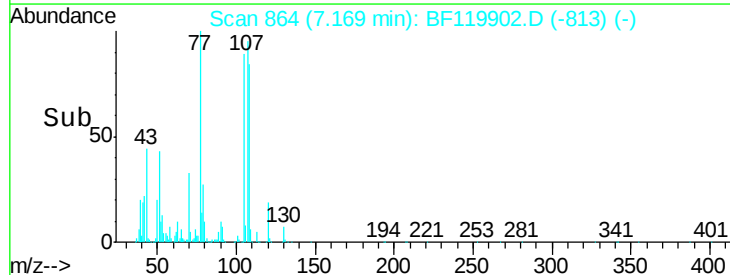
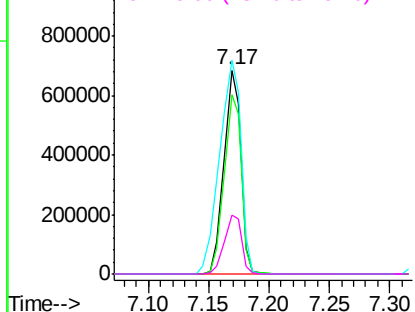


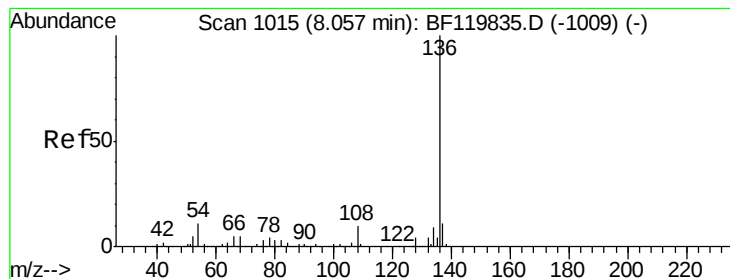
#20
3+4-Methylphenols
Concen: 47.026 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion: 107 Resp: 660677
Ion Ratio Lower Upper
107 100
108 87.6 68.2 108.2
77 104.8 86.6 126.6
79 28.8 7.7 47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 783562

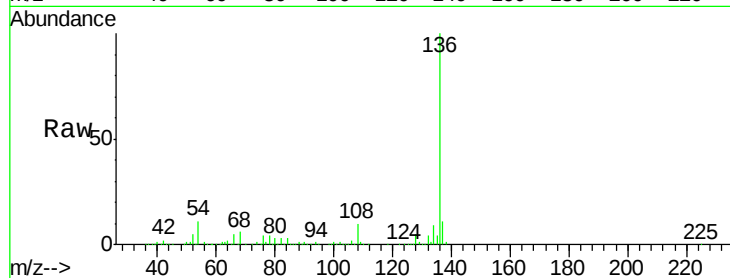
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.7 8.5 12.7

68 5.8 3.9 5.9

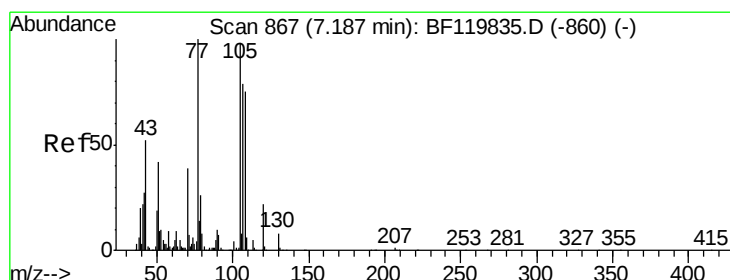
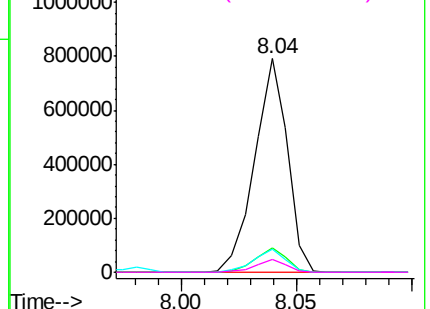
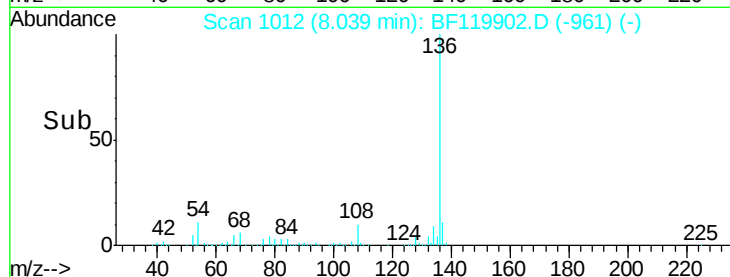


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.962 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Tgt Ion:105 Resp: 861675

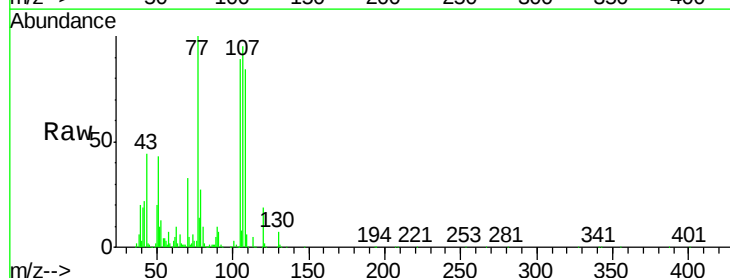
Ion Ratio Lower Upper

105 100

71 6.2 5.6 8.4

51 48.4 33.9 50.9

120 21.4 17.8 26.8

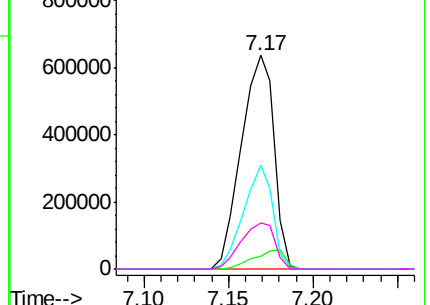
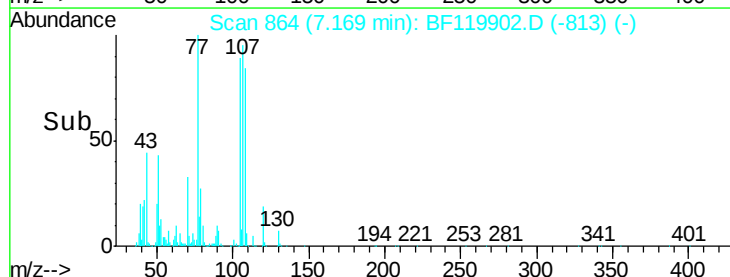


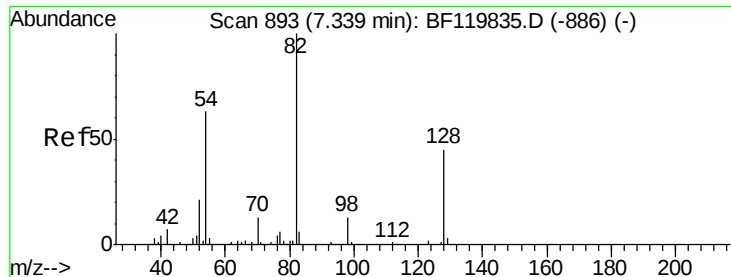
Abundance Ion 105.00 (104.70 to 105.70): E

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

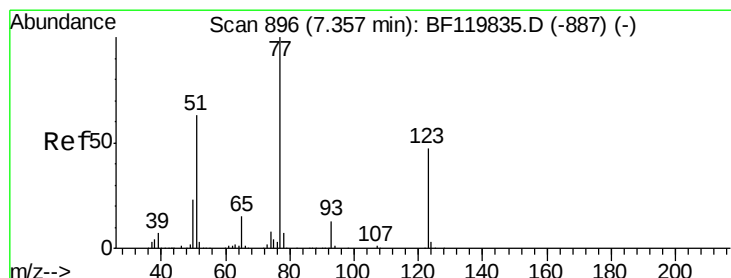
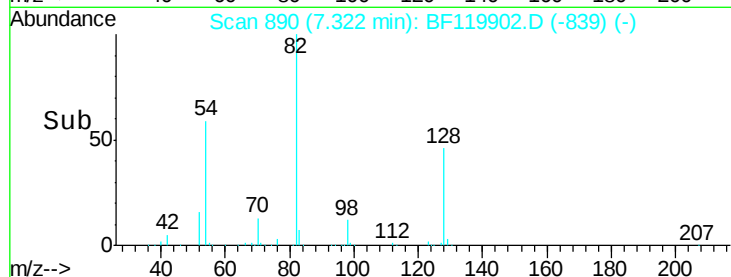
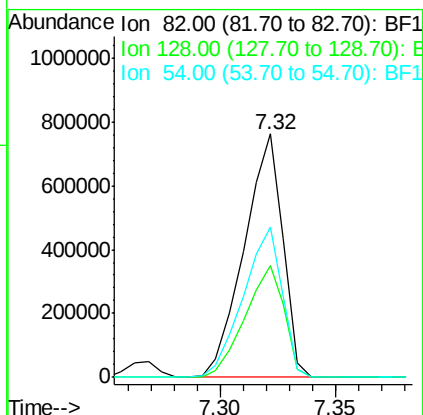
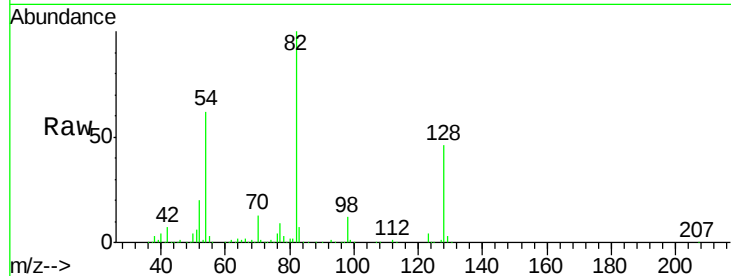




#23
Nitrobenzene-d5
Concen: 58.503 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

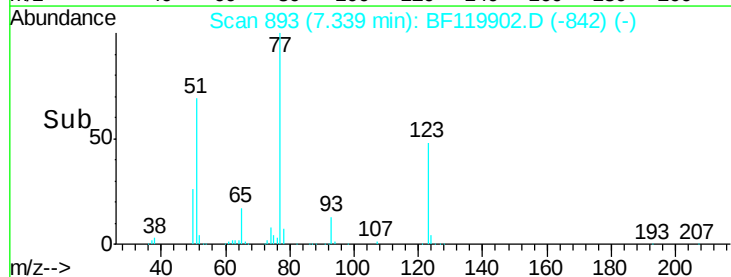
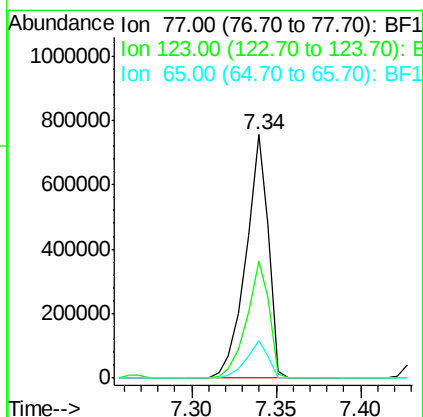
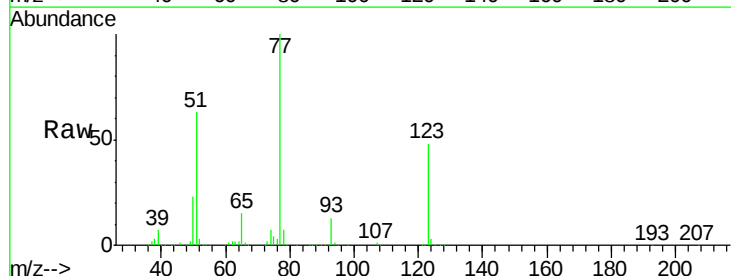
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	886098
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.2	54.4
54	61.6	50.4	75.6



#24
Nitrobenzene
Concen: 45.954 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	77	Resp	700173
Ion Ratio	Lower	Upper	
77	100		
123	47.8	37.8	56.8
65	15.4	12.2	18.2





#25

Isophorone

Concen: 45.260 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

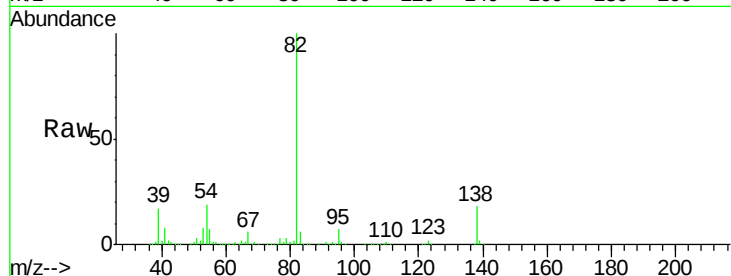
Tot Ion: 82 Resp: 1321475

Ion Ratio Lower Upper

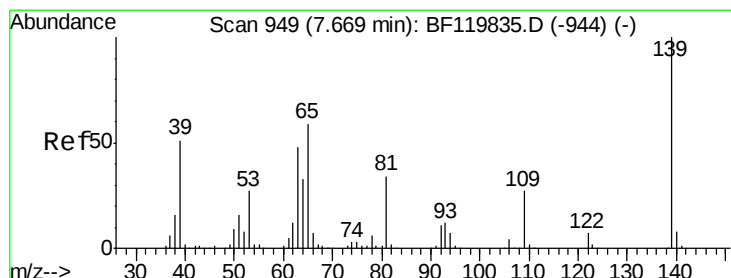
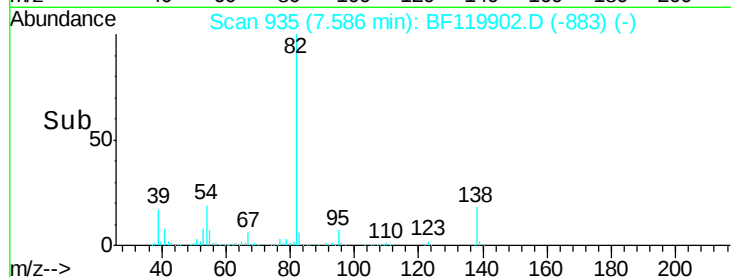
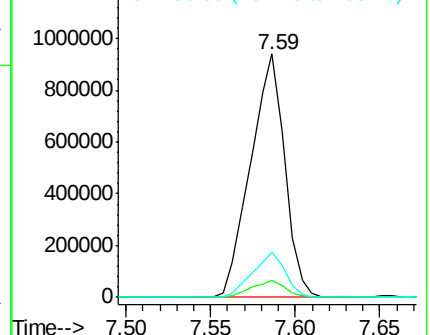
82 100

95 7.0 5.8 8.6

138 18.5 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: 48.419 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

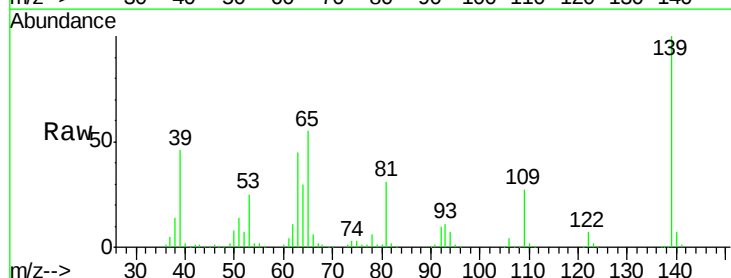
Tgt Ion: 139 Resp: 368569

Ion Ratio Lower Upper

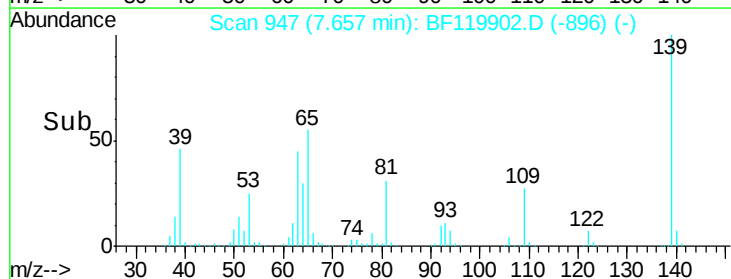
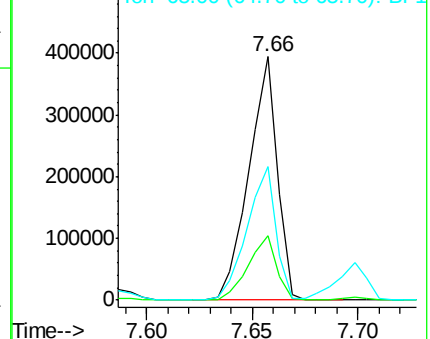
139 100

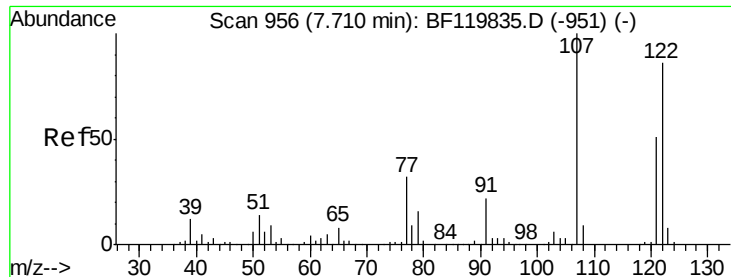
109 26.7 21.8 32.6

65 55.0 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

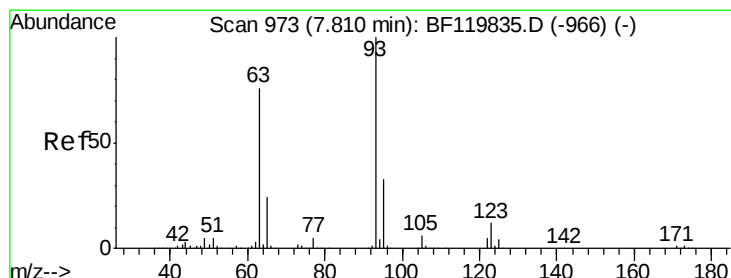
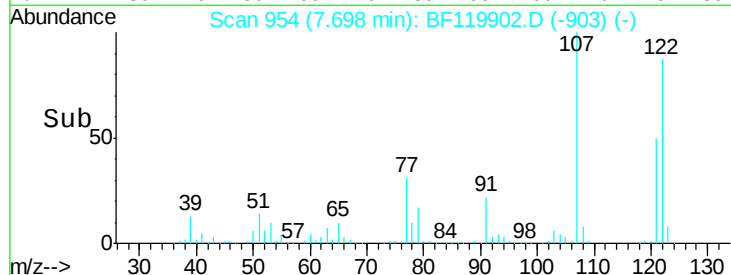
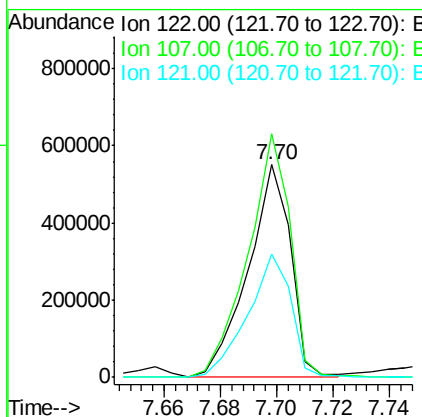
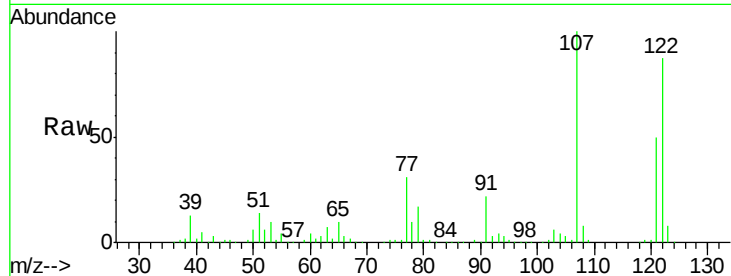




#27
 2,4-Dimethylphenol
 Concen: 50.317 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

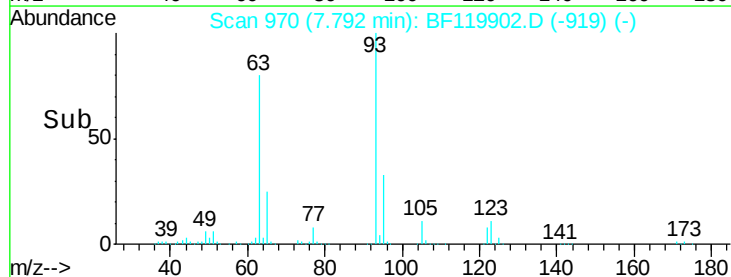
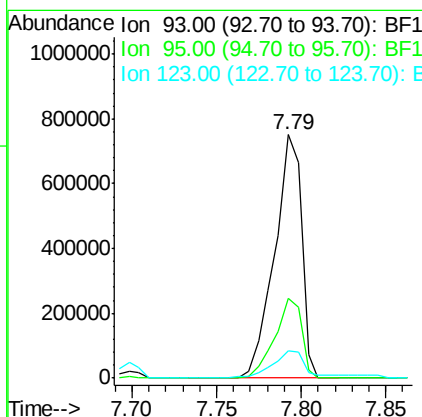
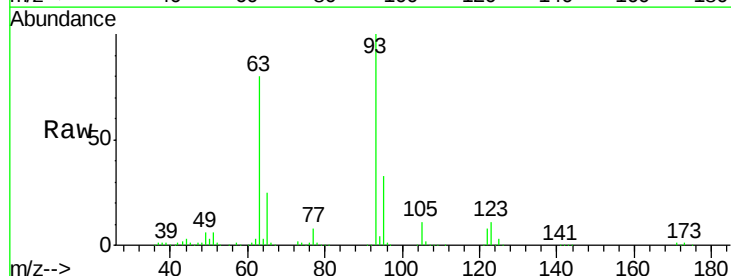
Instrument :
 BNA_F
 ClientSampleId :

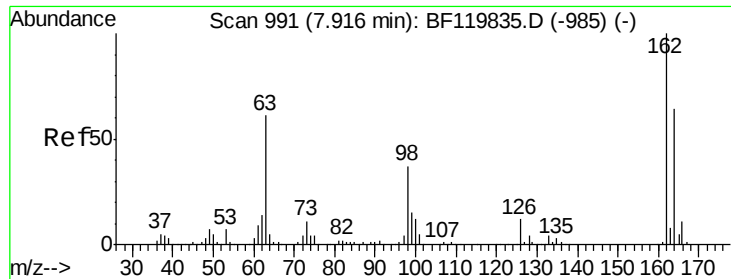
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.3	138.5
121	57.9	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.137 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.4	9.7	14.5

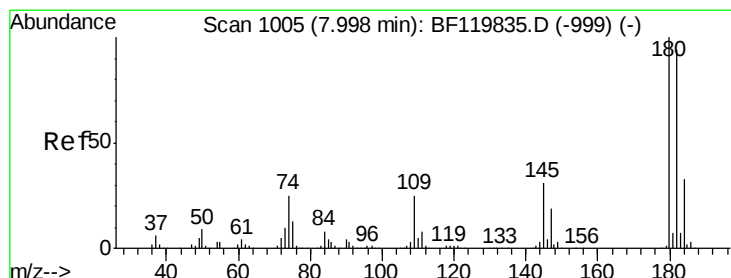
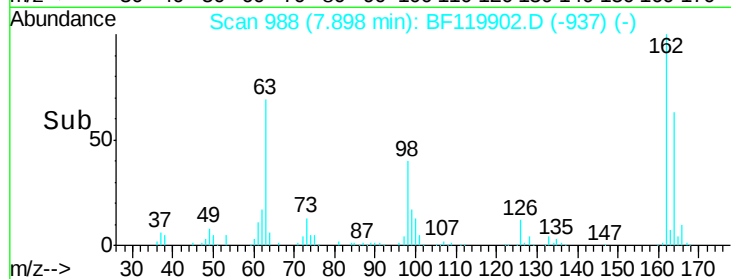
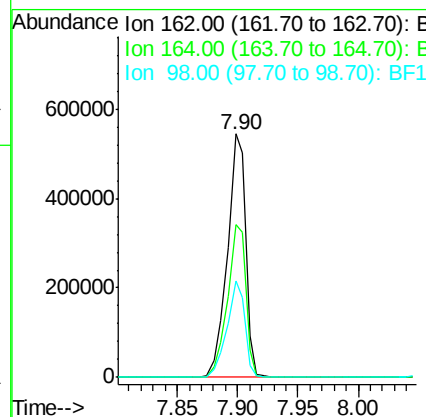
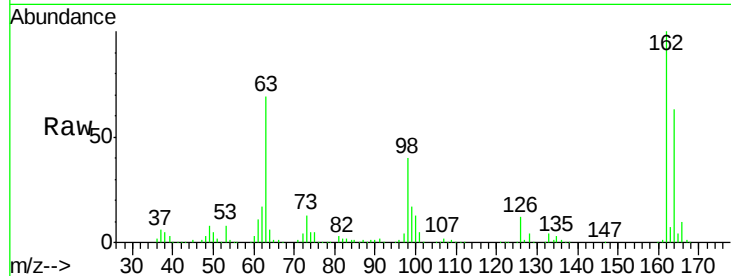




#29
 2,4-Dichlorophenol
 Concen: 48.463 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

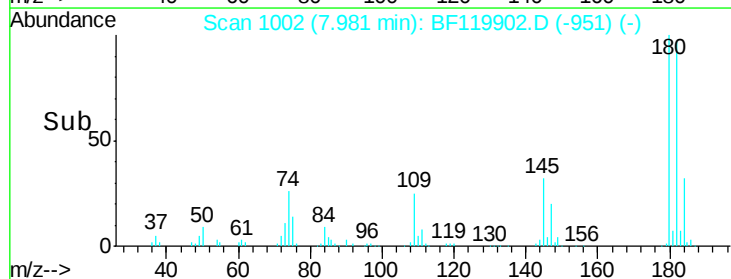
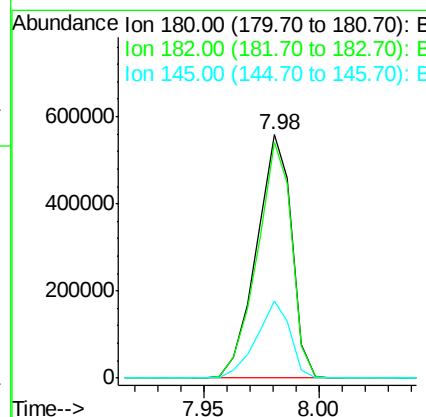
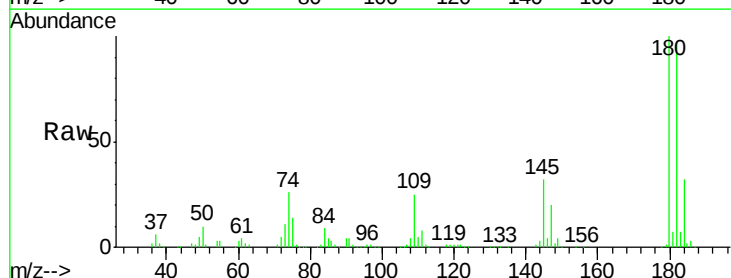
Instrument :
 BNA_F
 ClientSampleId :

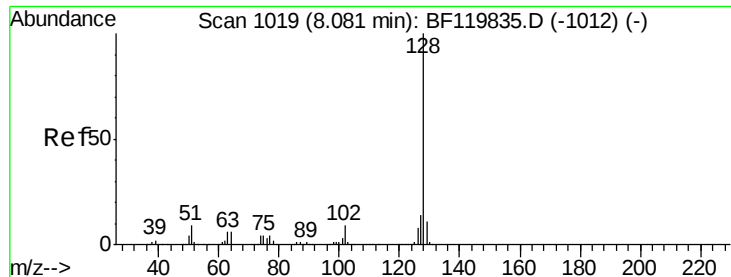
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	39.9	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.265 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.4	113.0
145	31.9	24.6	37.0

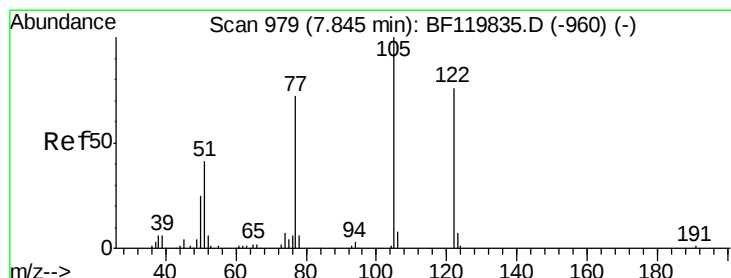
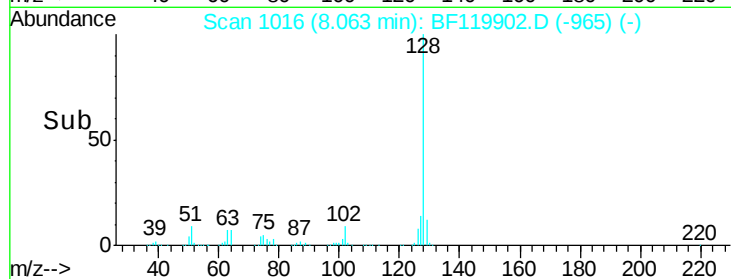
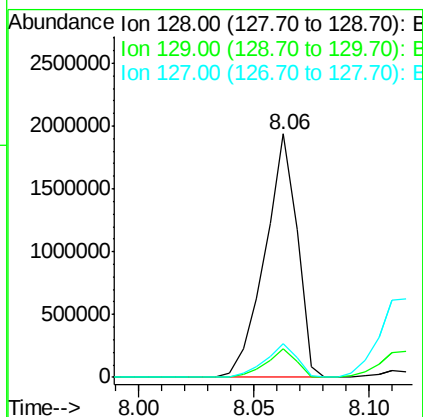
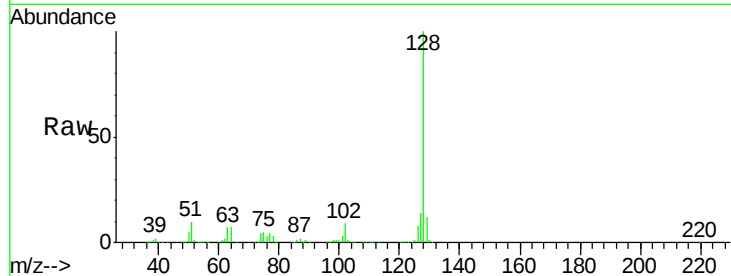




#31
Naphthalene
Concen: 45.571 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

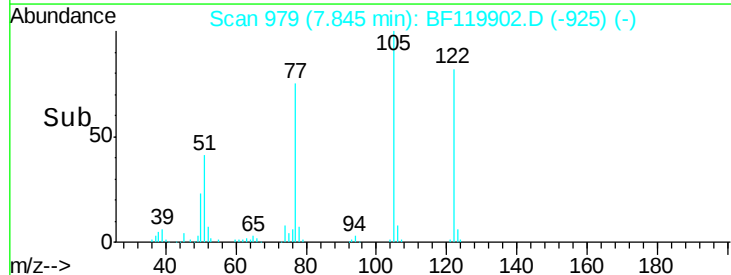
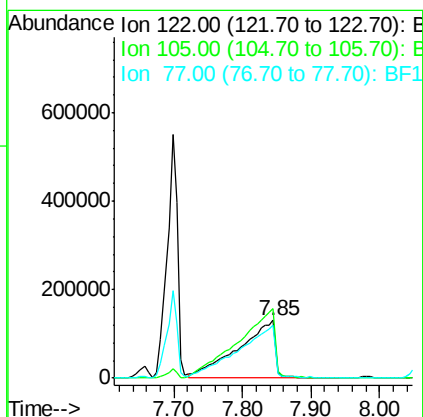
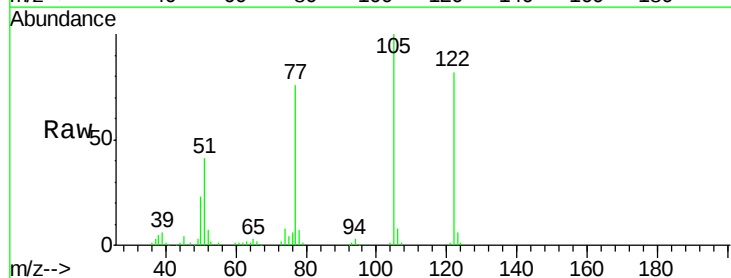
Instrument :
BNA_F
ClientSampleId :

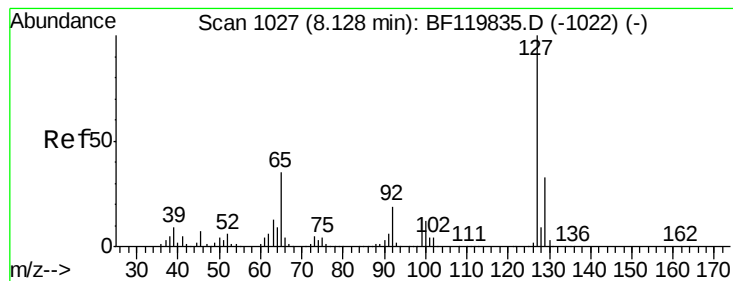
Tot Ion:128 Resp: 1878706
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 48.320 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:122 Resp: 487194
Ion Ratio Lower Upper
122 100
105 121.2 106.7 146.7
77 91.6 72.1 112.1





#33

4-Chloroaniline

Concen: 37.849 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 679285

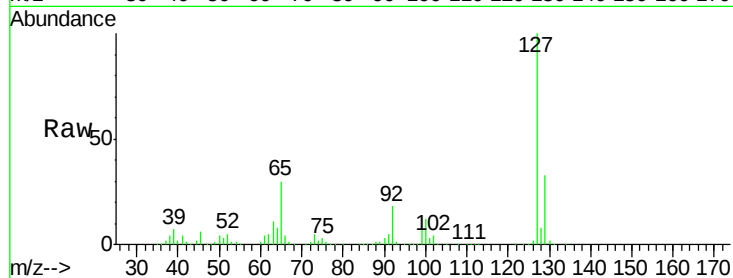
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.2

65 30.2 28.3 42.5

92 18.3 15.4 23.2

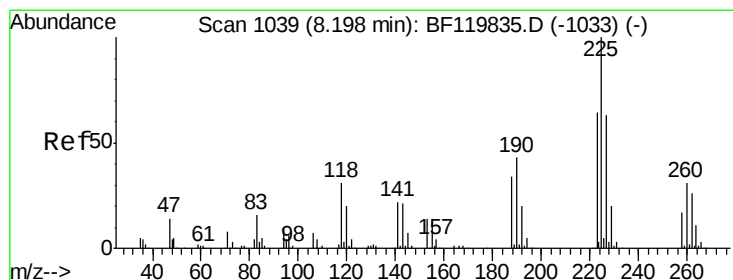
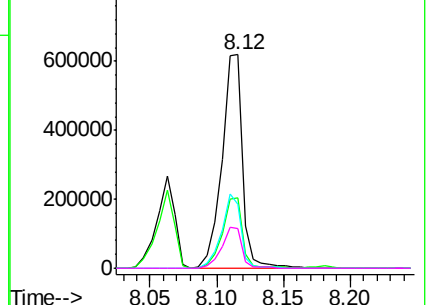
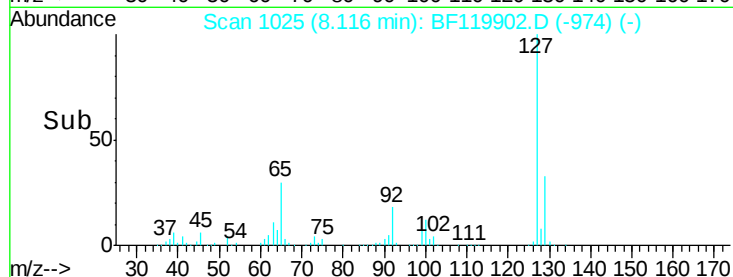


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.951 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

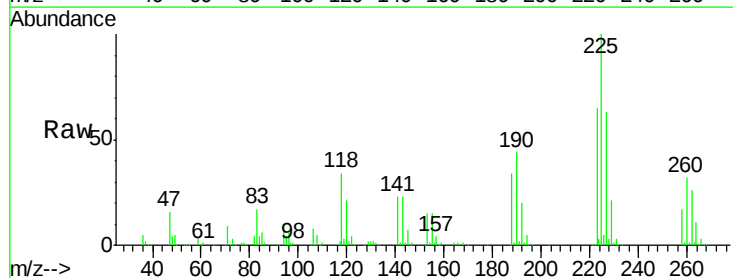
Tgt Ion:225 Resp: 334846

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

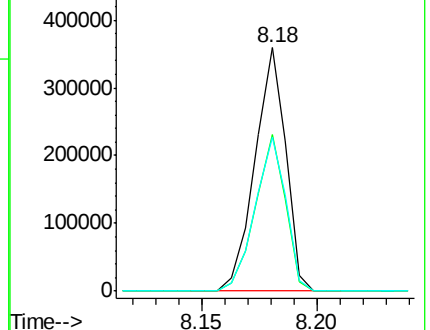
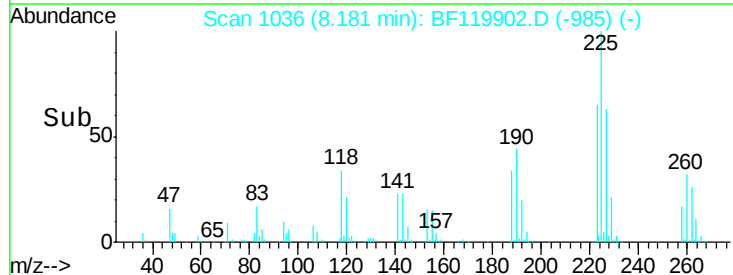
227 63.2 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

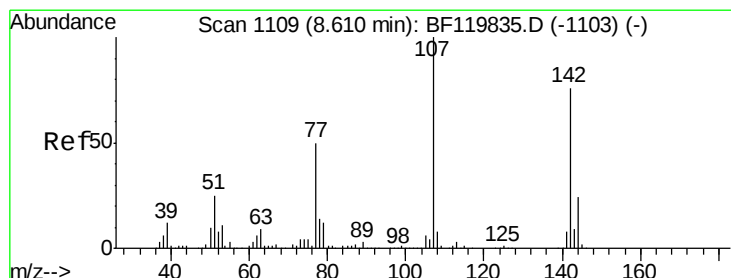
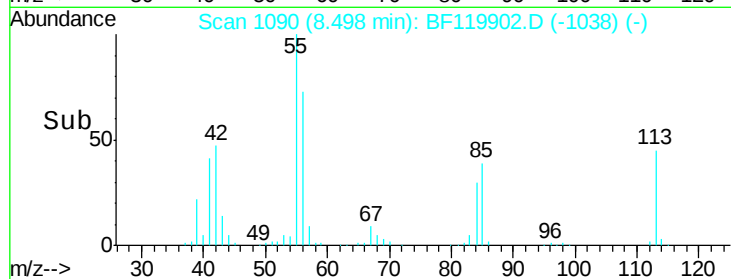
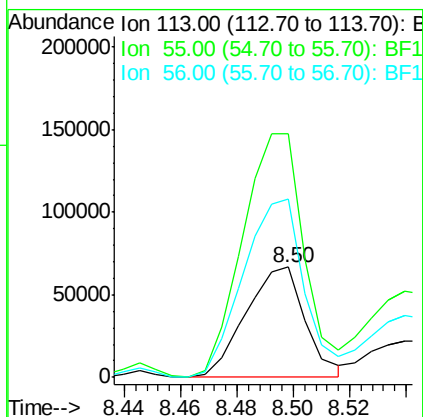
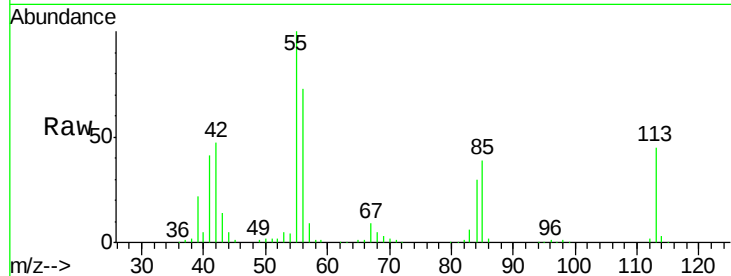




#35
 Caprolactam
 Concen: 27.147 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

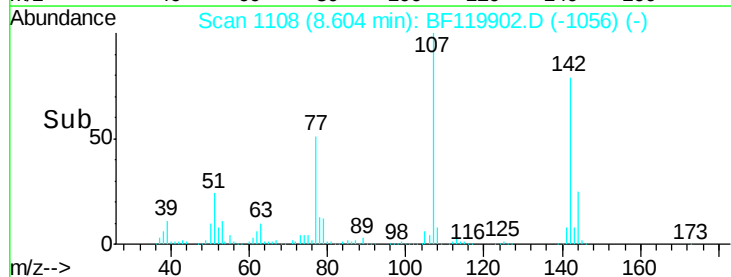
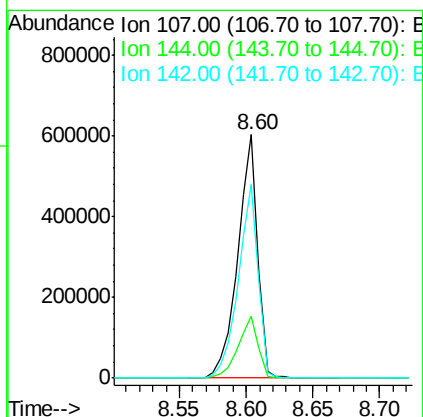
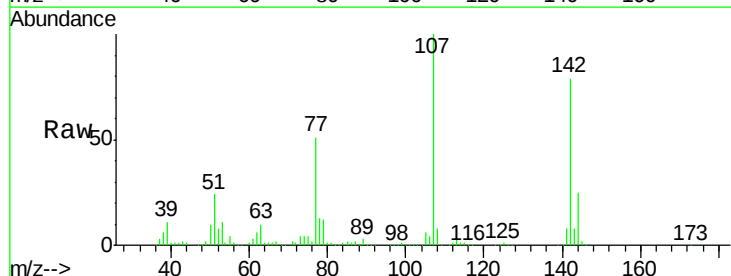
Instrument :
 BNA_F
 ClientSampled :

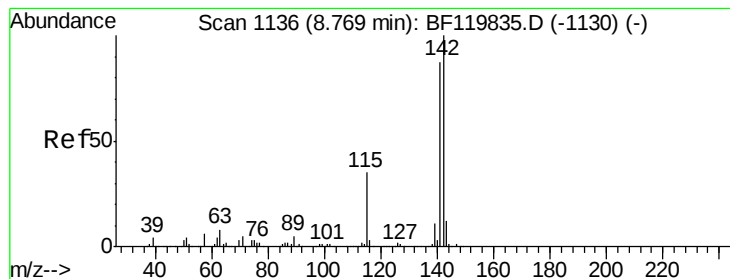
Tot Ion:113 Resp: 97721
 Ion Ratio Lower Upper
 113 100
 55 221.5 192.7 232.7
 56 161.9 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.104 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:107 Resp: 625613
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.5 29.3
 142 79.3 60.5 90.7





#37

2-Methylnaphthalene

Concen: 46.512 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

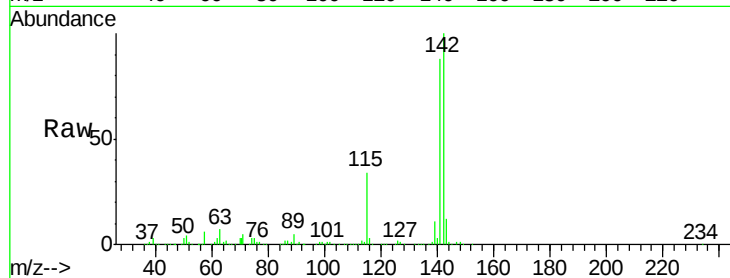
Tot Ion:142 Resp: 1299993

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9

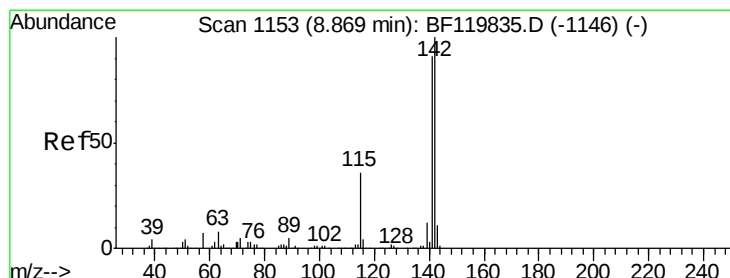
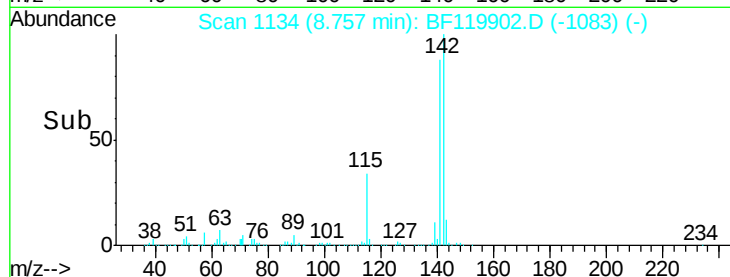
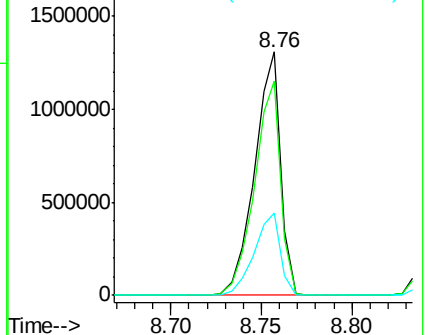
115 33.8 28.0 42.0



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: 47.145 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

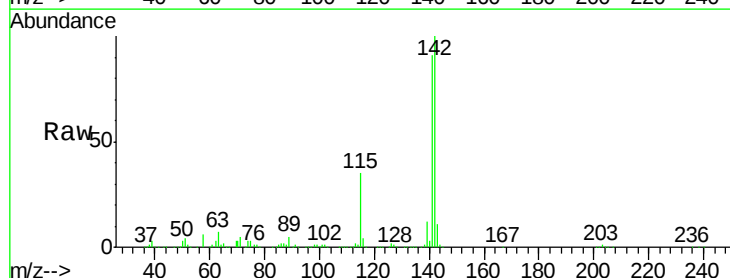
Tgt Ion:142 Resp: 1241966

Ion Ratio Lower Upper

142 100

141 91.2 72.9 109.3

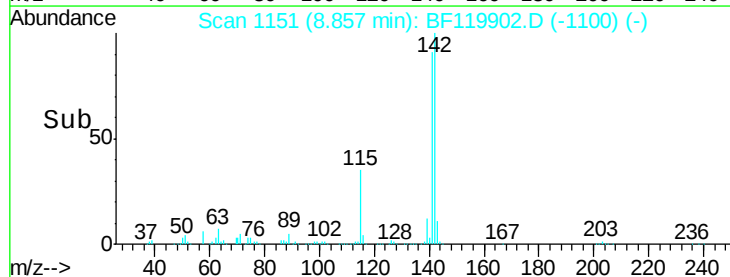
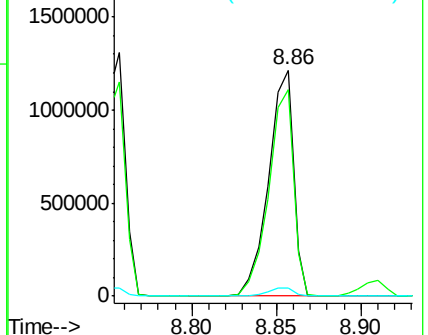
116 3.5 3.0 4.6

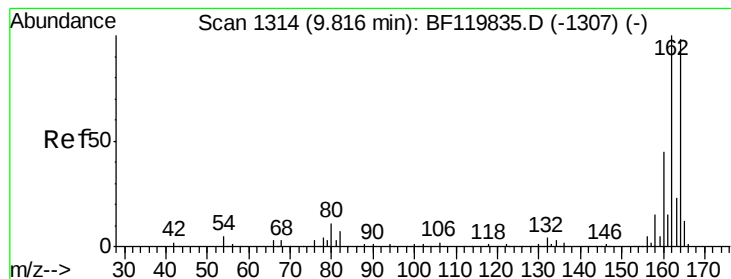


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

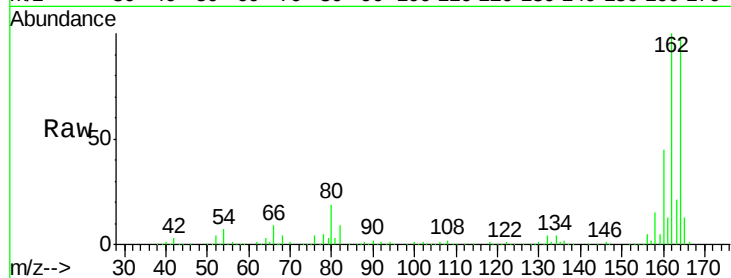
Tot Ion:164 Resp: 411905

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

160 45.4 36.6 54.8

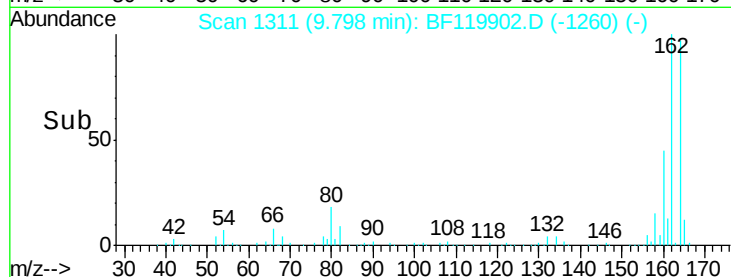


Abundance Ion 164.00 (163.70 to 164.70): E

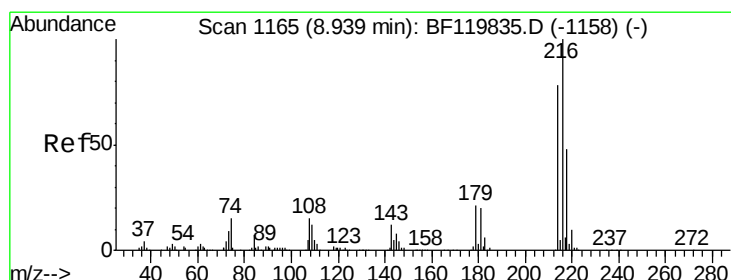
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.285 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Tgt Ion:216 Resp: 563129

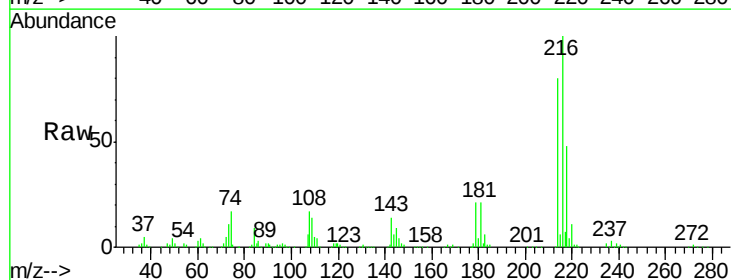
Ion Ratio Lower Upper

216 100

214 80.1 63.1 94.7

179 21.4 17.0 25.4

108 20.4 14.8 22.2



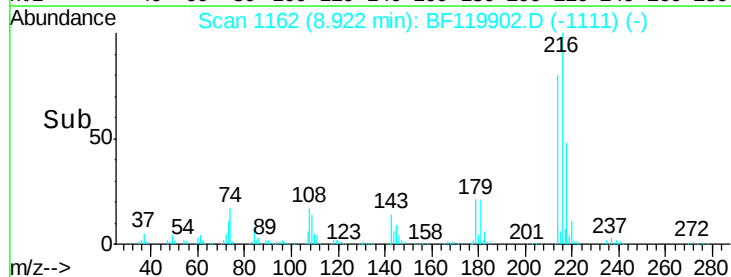
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



Time-->



#41

Hexachlorocyclopentadiene

Concen: 91.875 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

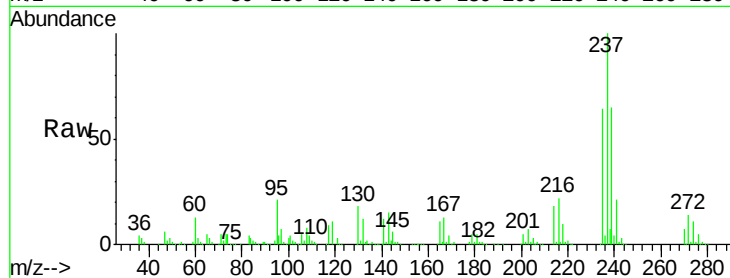
Tot Ion:237 Resp: 679675

Ion Ratio Lower Upper

237 100

235 63.6 44.9 84.9

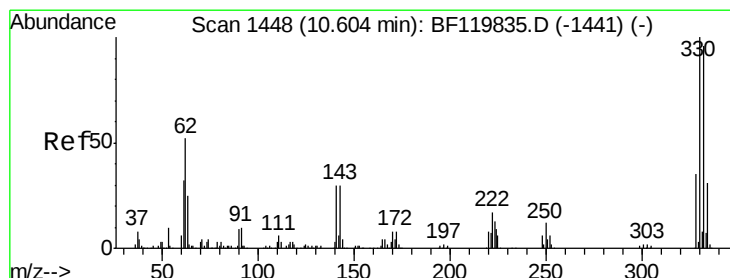
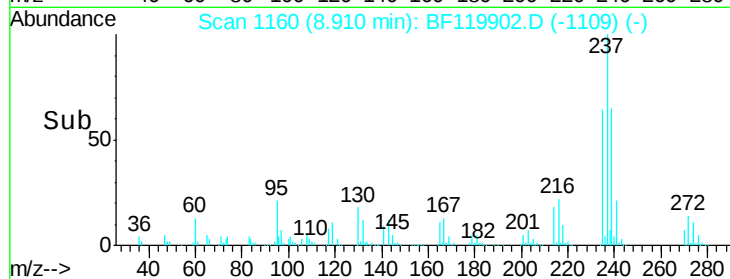
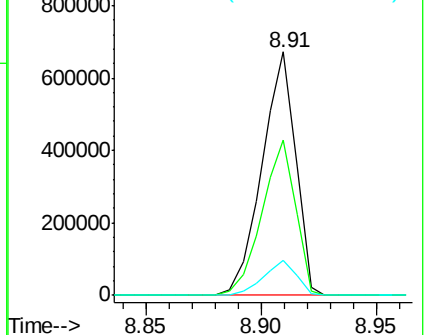
272 14.3 0.0 33.6



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: 85.806 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

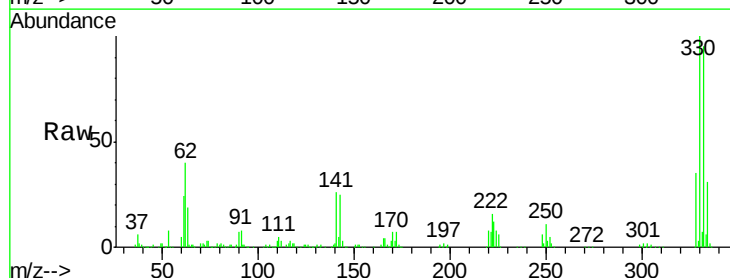
Tgt Ion:330 Resp: 432729

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

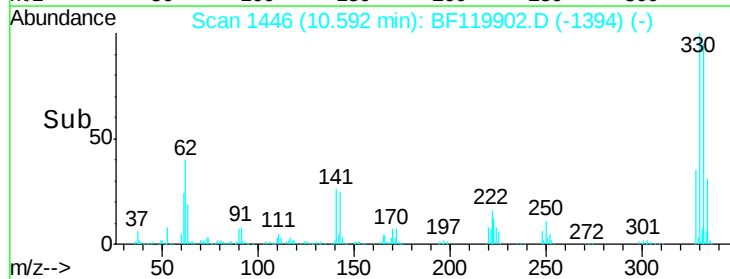
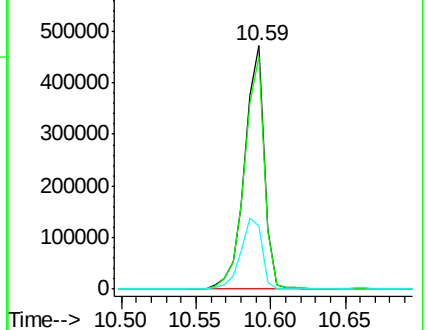
141 31.5 25.1 37.7

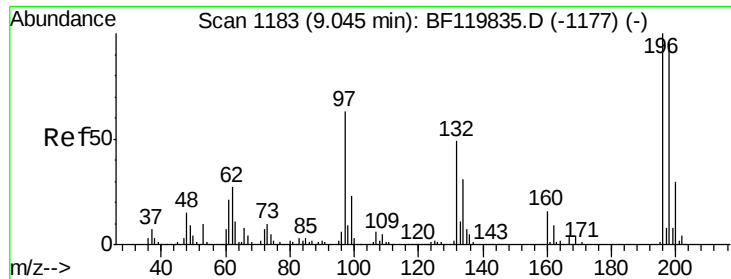


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

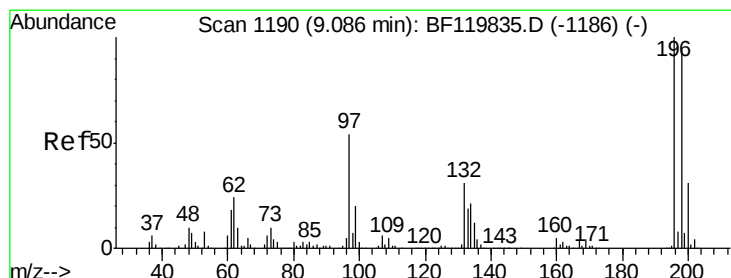
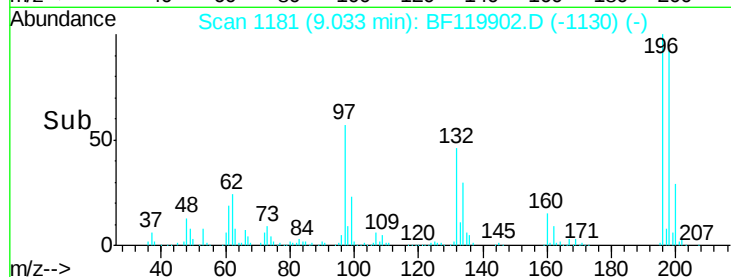
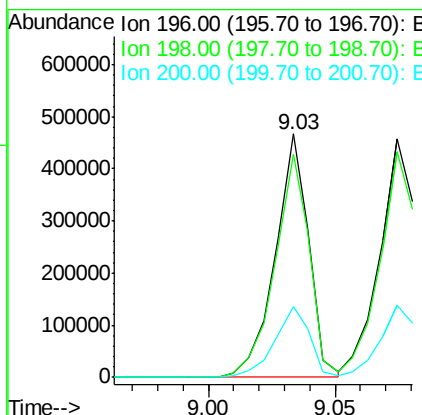
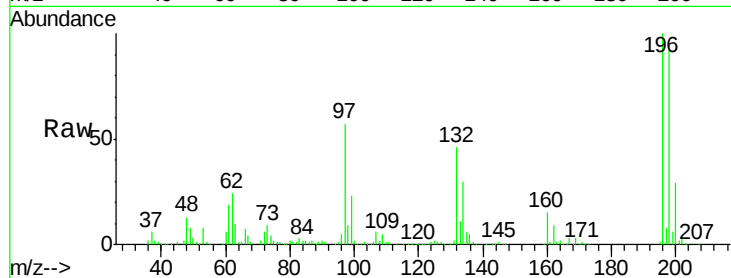




#43
 2,4,6-Trichlorophenol
 Concen: 48.005 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

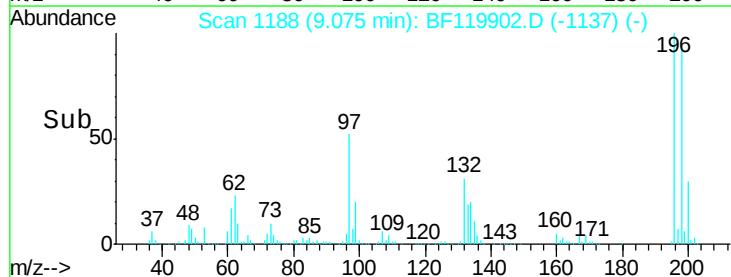
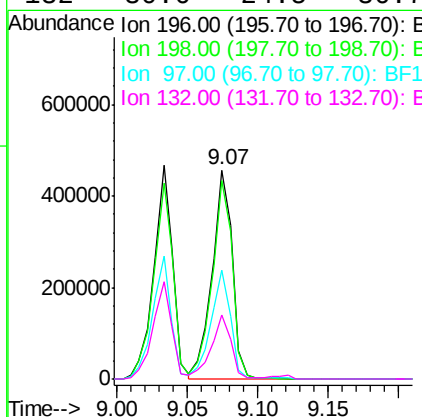
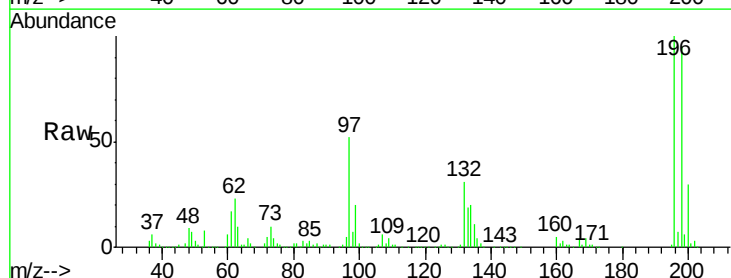
Instrument :
 BNA_F
 ClientSampleId :

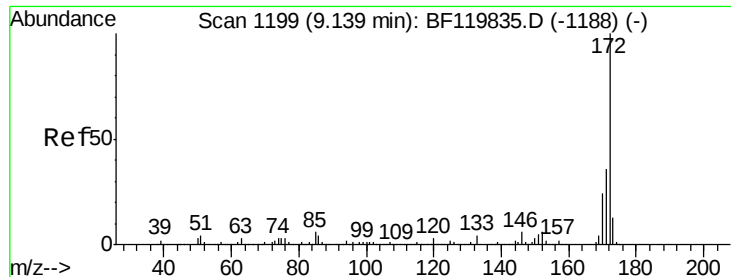
Tot Ion:196 Resp: 431271
 Ion Ratio Lower Upper
 196 100
 198 91.8 76.6 115.0
 200 29.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.906 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:196 Resp: 454376
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.1 112.7
 97 52.2 43.4 65.2
 132 30.6 24.5 36.7

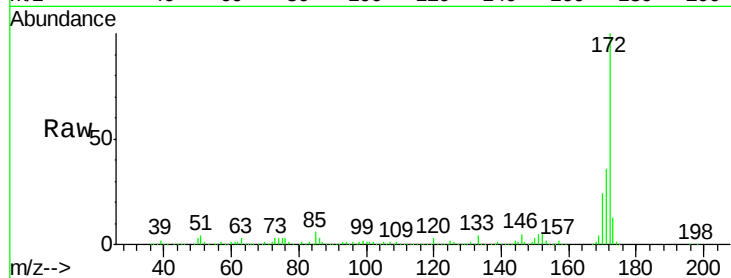




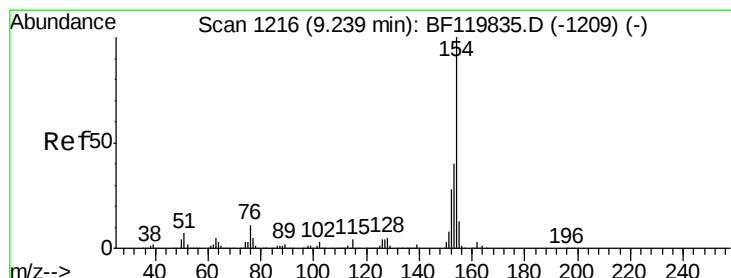
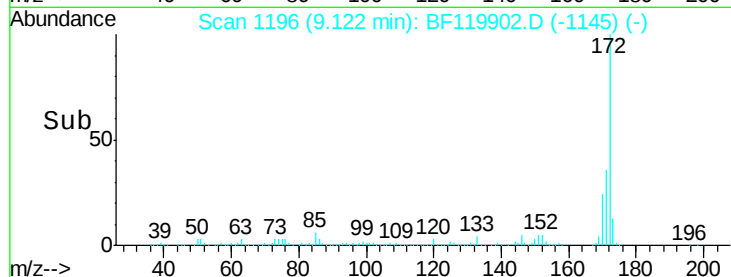
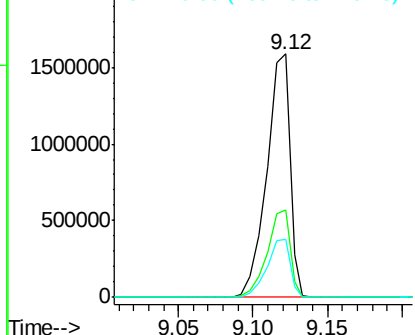
#45
2-Fluorobiphenyl
Concen: 58.676 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1702309
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.0 19.4 29.2

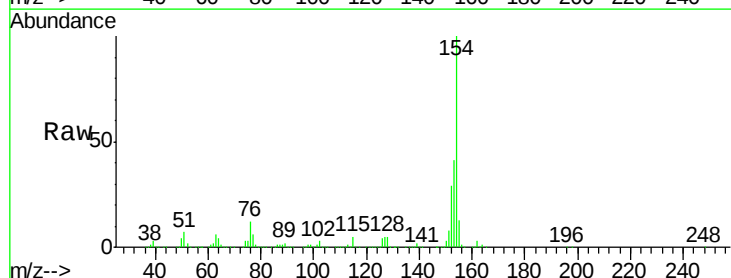


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

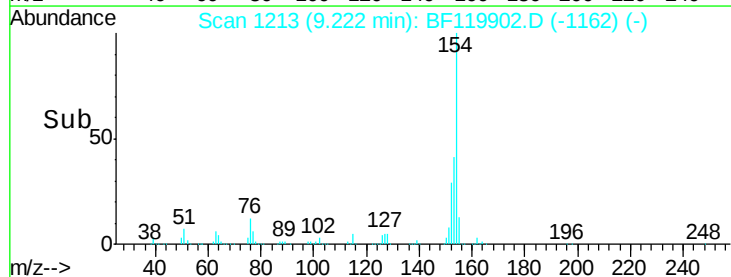
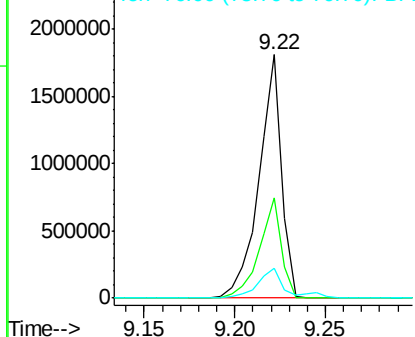


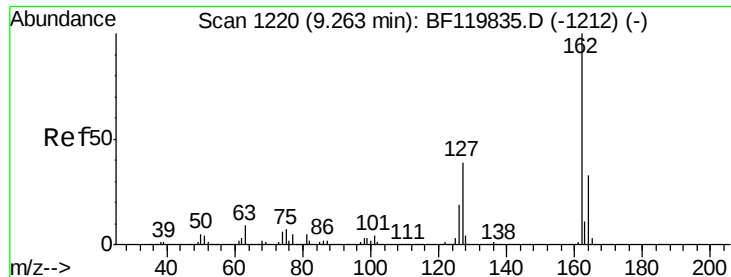
#46
1,1'-Biphenyl
Concen: 45.002 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:154 Resp: 1564581
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 12.4 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

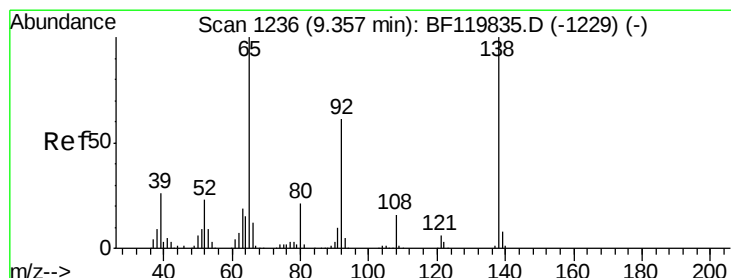
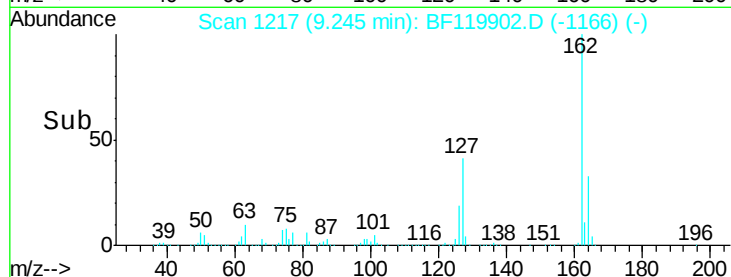
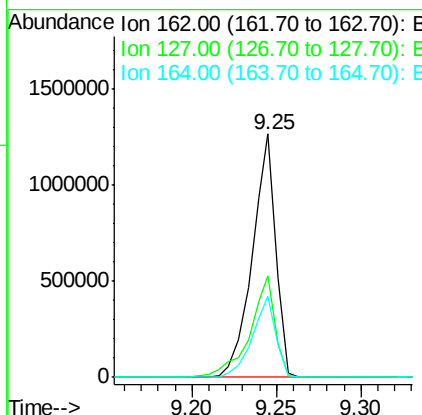
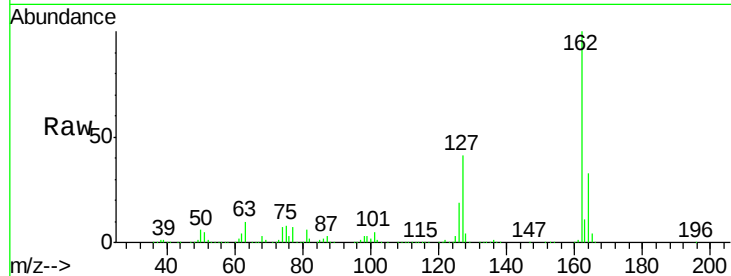




#47
 2-Chloronaphthalene
 Concen: 45.698 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

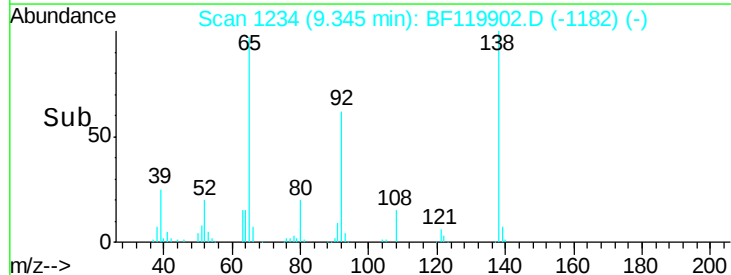
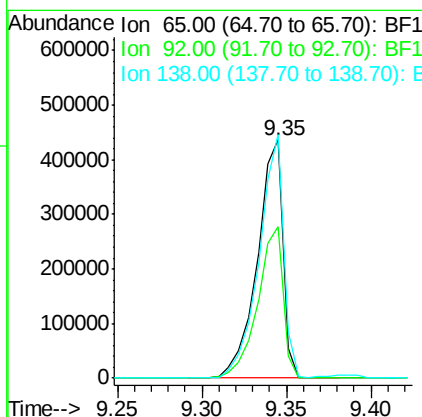
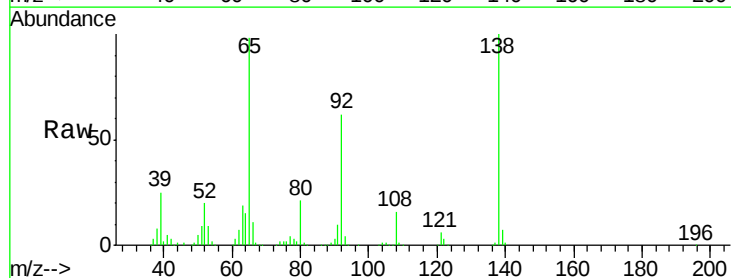
Instrument :
 BNA_F
 ClientSampleId :

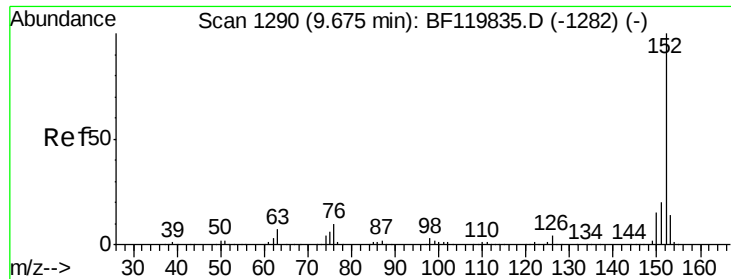
Tot Ion:162 Resp: 1223907
 Ion Ratio Lower Upper
 162 100
 127 41.4 31.2 46.8
 164 33.1 26.3 39.5



#48
 2-Nitroaniline
 Concen: 47.298 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion: 65 Resp: 459063
 Ion Ratio Lower Upper
 65 100
 92 63.6 49.0 73.6
 138 102.1 79.7 119.5





#49

Acenaphthylene

Concen: 47.143 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

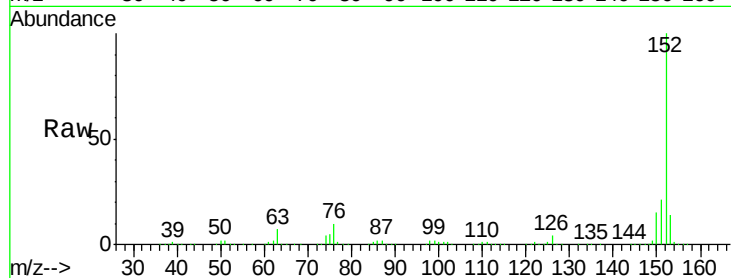
Tot Ion:152 Resp: 1920208

Ion Ratio Lower Upper

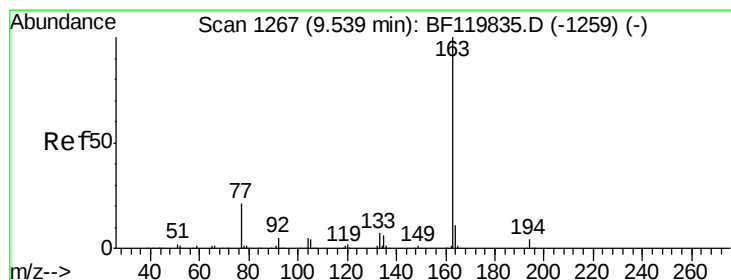
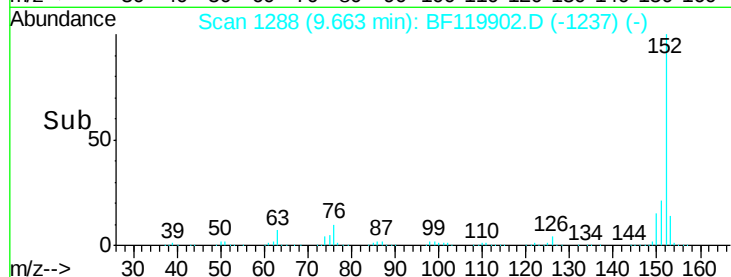
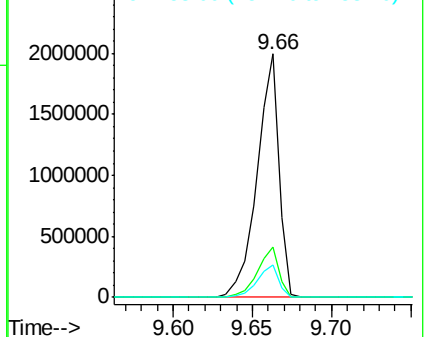
152 100

151 20.7 16.2 24.4

153 13.5 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: 52.462 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

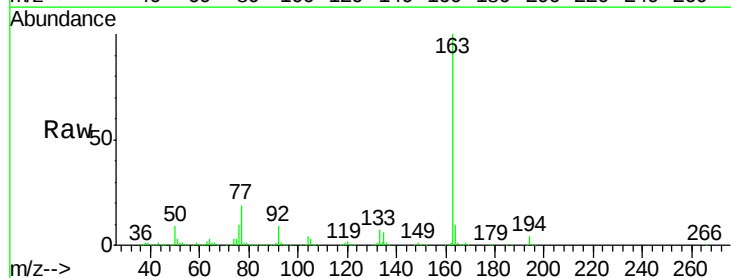
Tgt Ion:163 Resp: 1671462

Ion Ratio Lower Upper

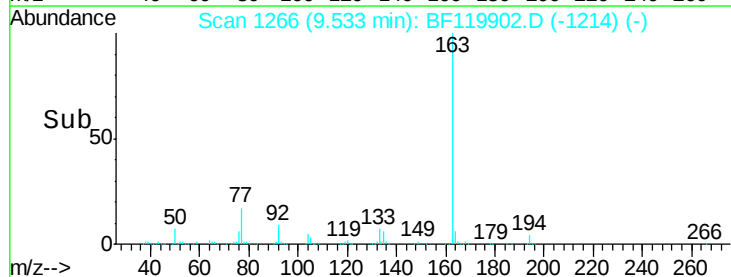
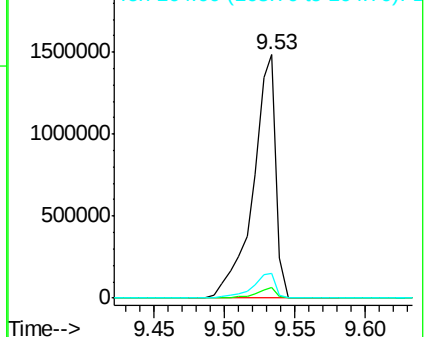
163 100

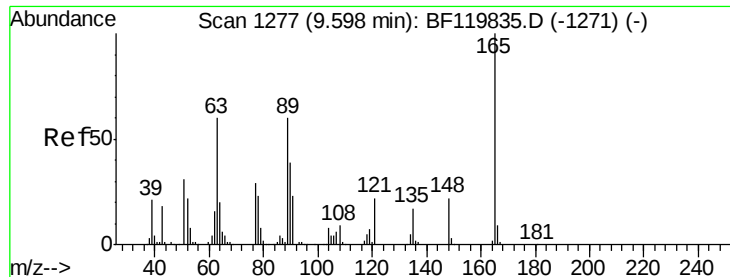
194 4.2 3.0 4.4

164 10.0 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

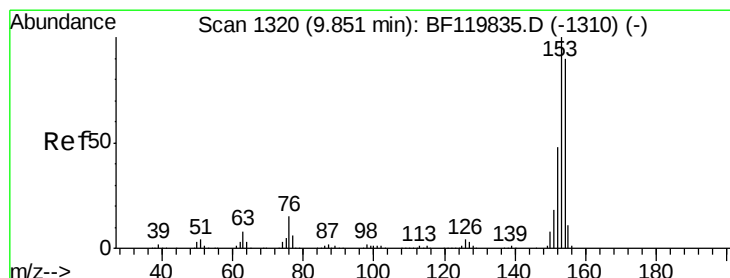
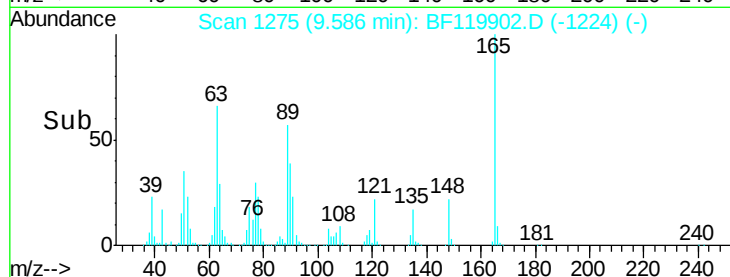
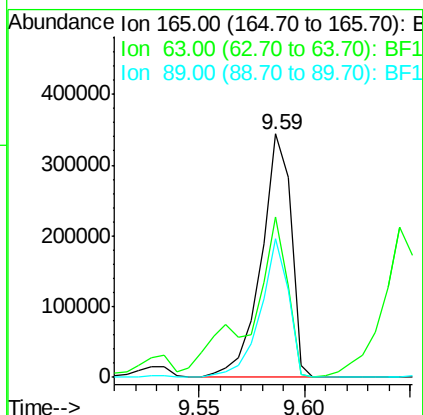
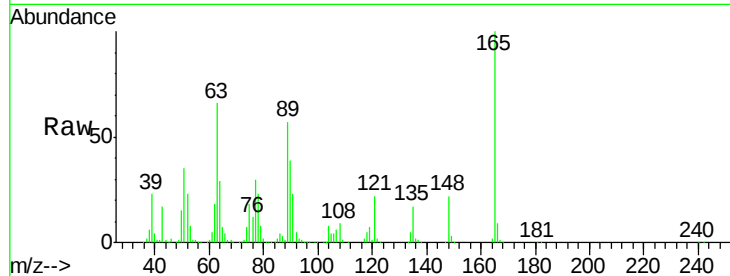




#51
 2,6-Dinitrotoluene
 Concen: 48.539 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

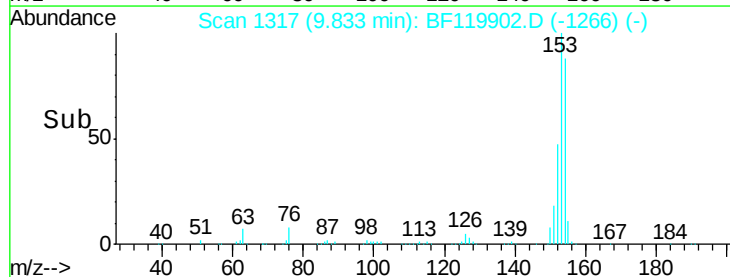
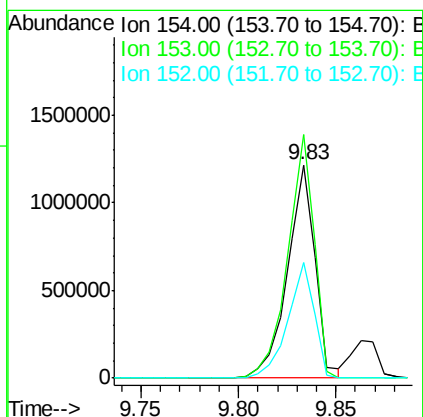
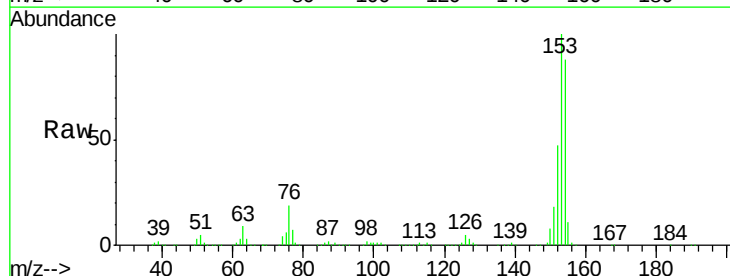
Instrument :
 BNA_F
 ClientSampled :

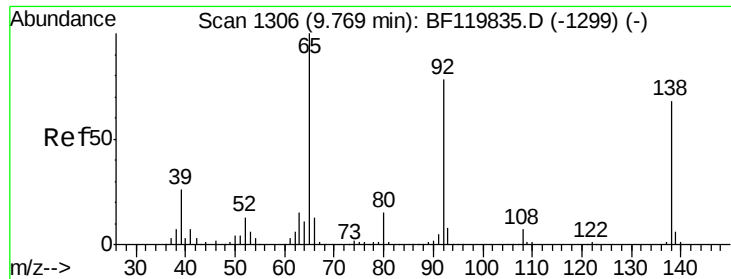
Tot Ion:165 Resp: 338651
 Ion Ratio Lower Upper
 165 100
 63 65.7 55.6 83.4
 89 56.9 47.9 71.9



#52
 Acenaphthene
 Concen: 43.638 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:154 Resp: 1185675
 Ion Ratio Lower Upper
 154 100
 153 114.1 88.8 133.2
 152 54.0 42.4 63.6

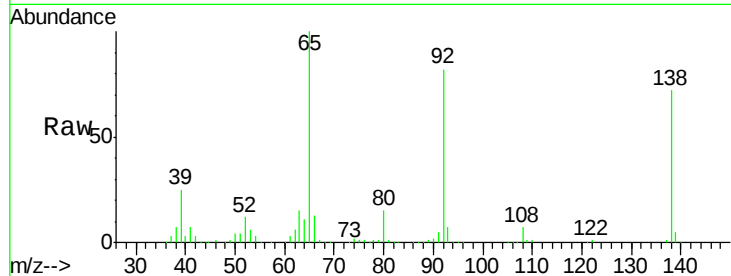




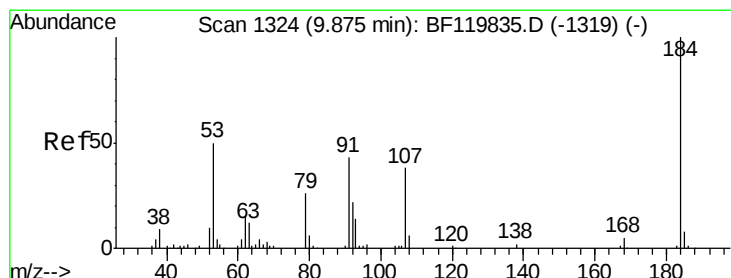
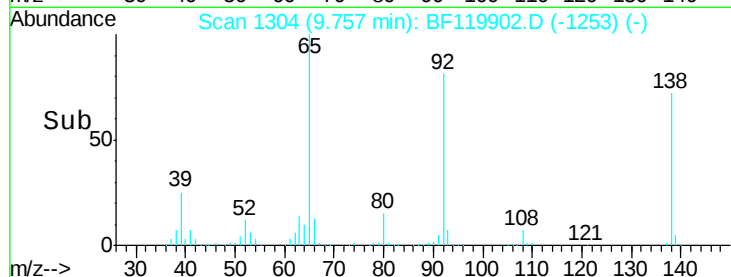
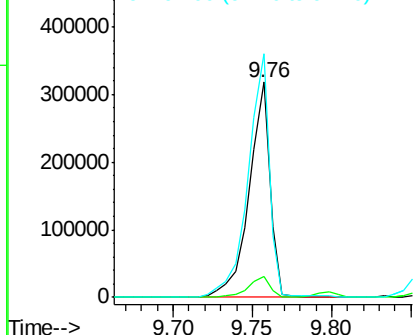
#53
 3-Nitroaniline
 Concen: 36.566 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 291370
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.0 12.0
 92 113.3 92.1 138.1

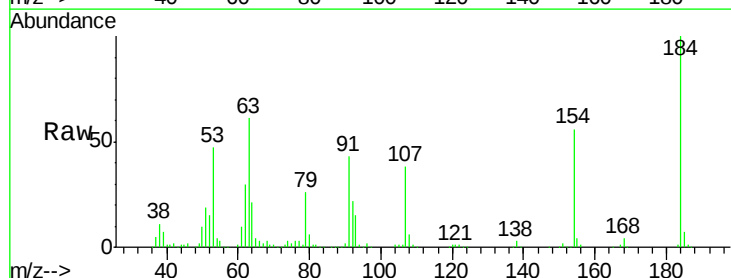


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

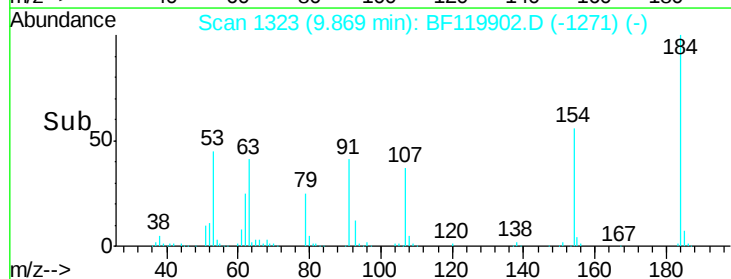
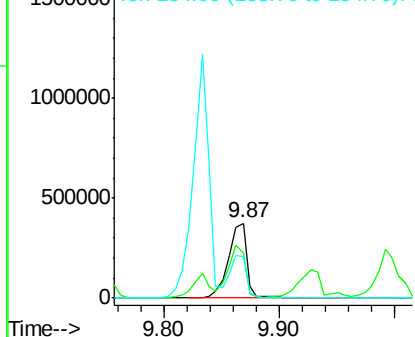


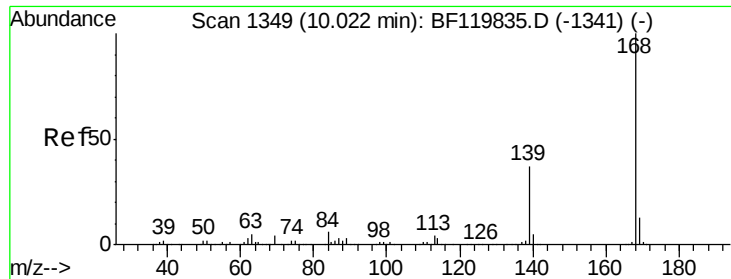
#54
 2,4-Dinitrophenol
 Concen: 100.570 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:184 Resp: 420088
 Ion Ratio Lower Upper
 184 100
 63 60.8 49.8 74.6
 154 56.0 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

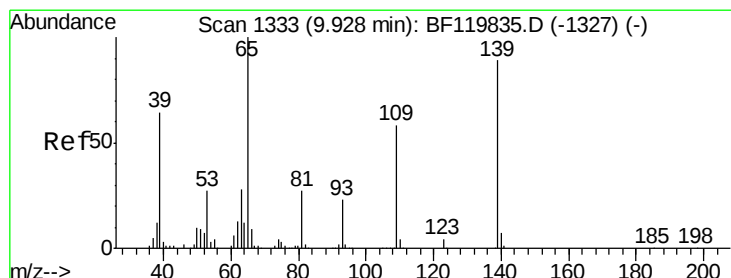
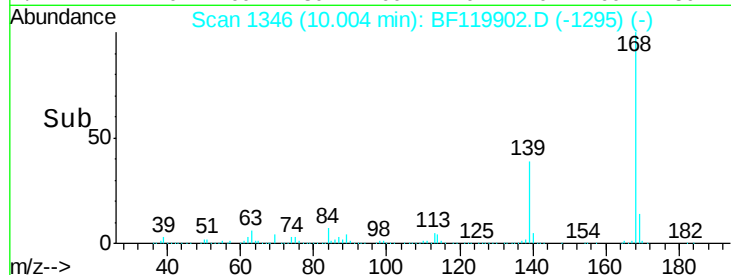
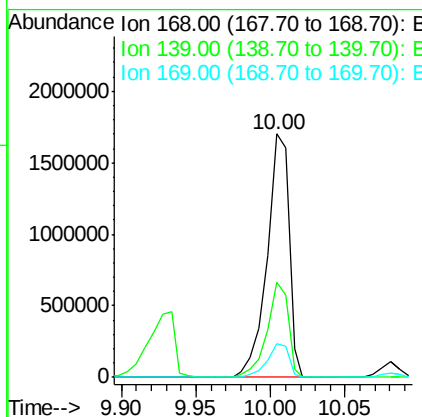
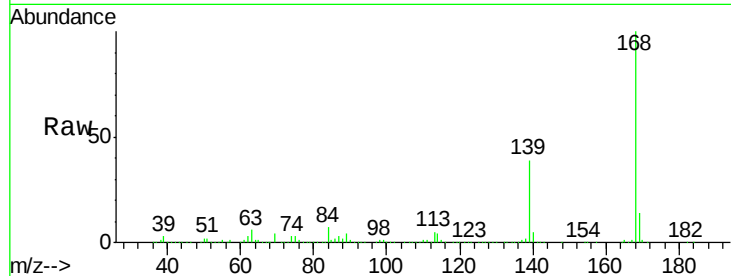




#55
Dibenzofuran
Concen: 46.327 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

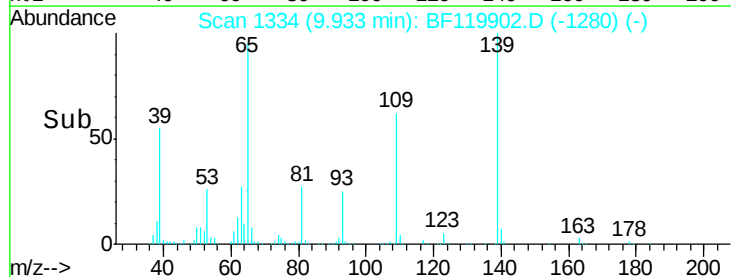
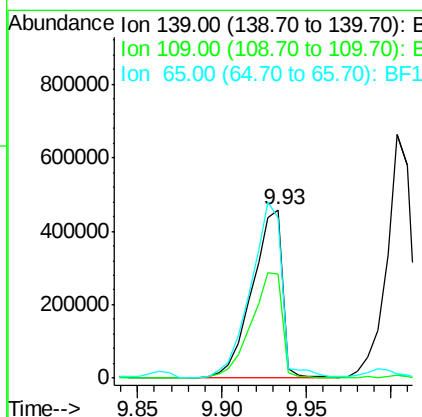
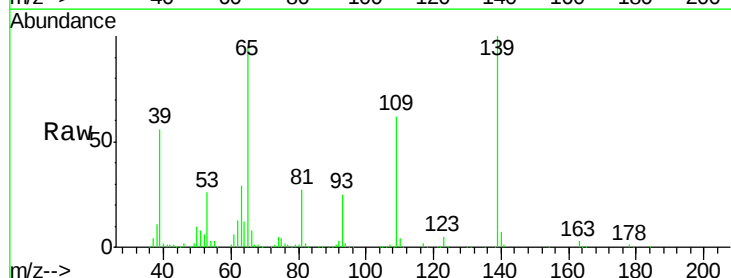
Instrument :
BNA_F
ClientSampleId :

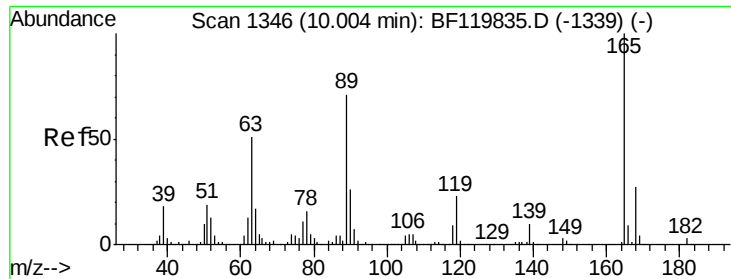
Tot Ion:168 Resp: 1727310
Ion Ratio Lower Upper
168 100
139 39.0 29.8 44.6
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 96.778 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:139 Resp: 573774
Ion Ratio Lower Upper
139 100
109 61.9 45.5 85.5
65 95.4 92.3 132.3

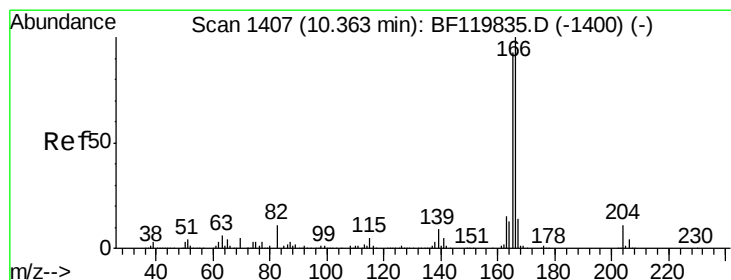
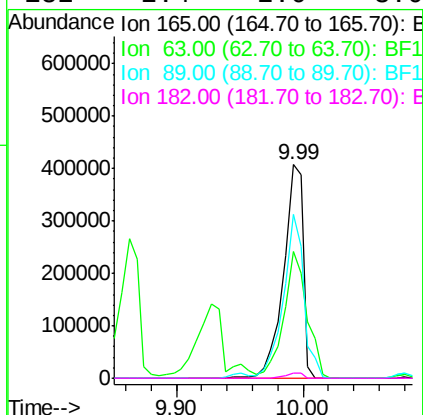
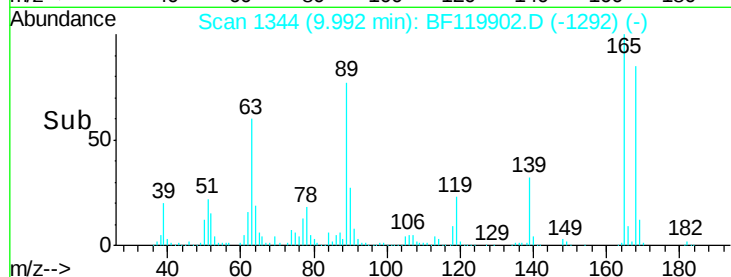
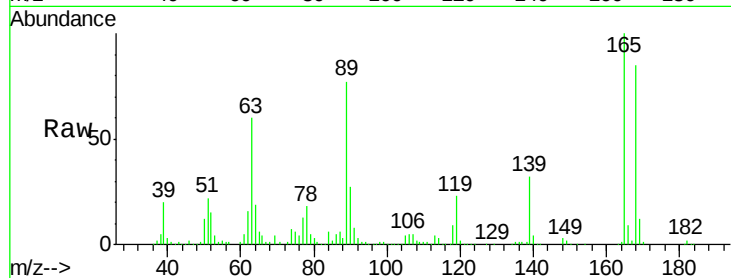




#57
 2,4-Dinitrotoluene
 Concen: 47.866 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

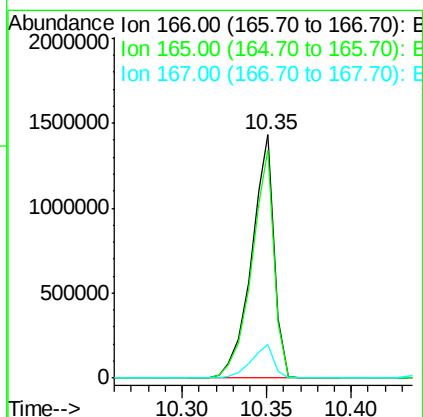
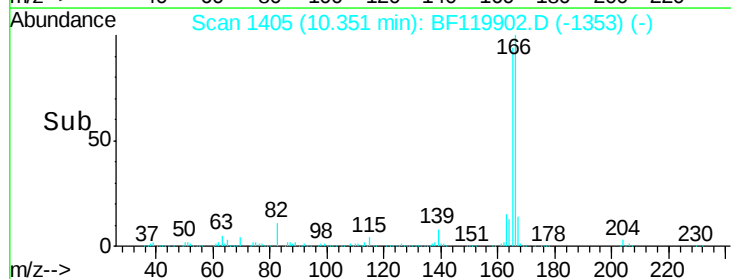
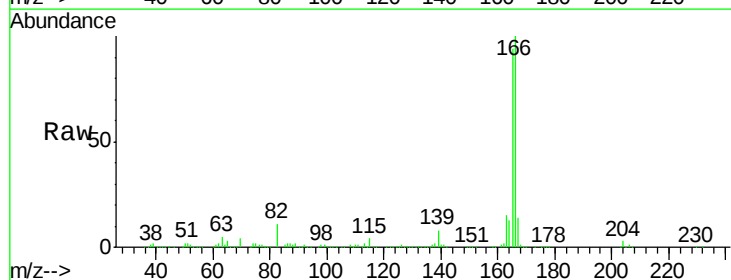
Instrument :
 BNA_F
 ClientSampled :

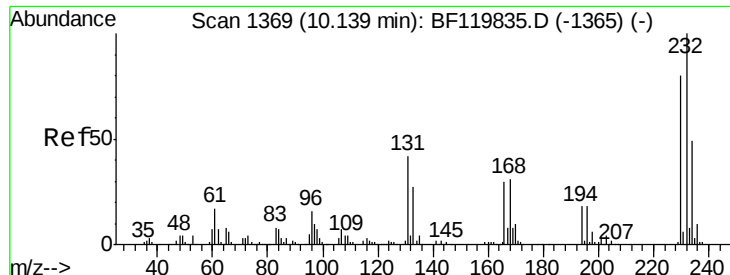
Tot Ion:165	Resp:	439991
Ion Ratio	Lower	Upper
165	100	
63	59.6	40.8 61.2
89	76.6	56.9 85.3
182	2.4	2.0 3.0



#58
 Fluorene
 Concen: 44.831 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:166	Resp:	1336794
Ion Ratio	Lower	Upper
166	100	
165	94.0	74.2 111.2
167	13.8	10.8 16.2

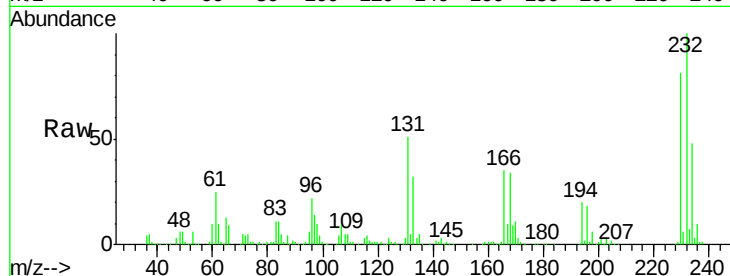




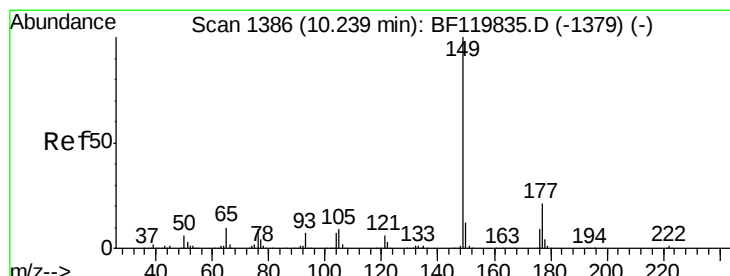
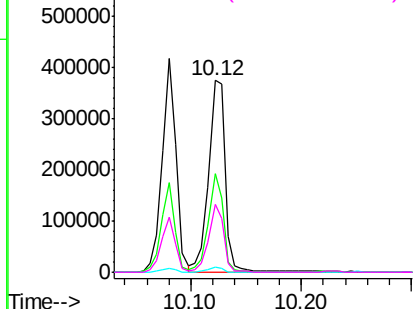
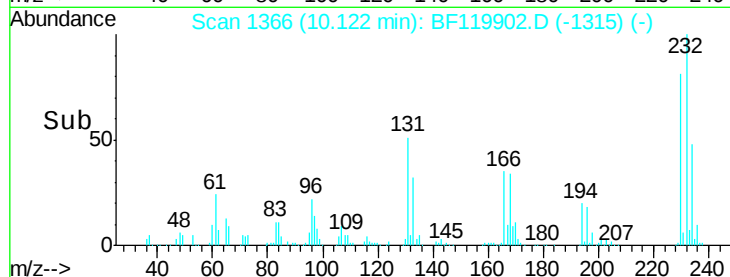
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.263 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 381234
 Ion Ratio Lower Upper
 232 100
 131 45.1 37.9 56.9
 130 2.3 1.8 2.6
 166 30.8 25.4 38.0

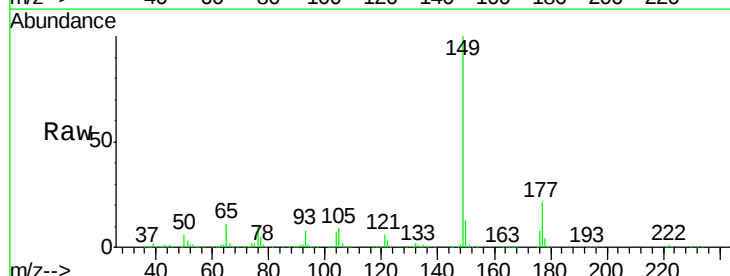


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

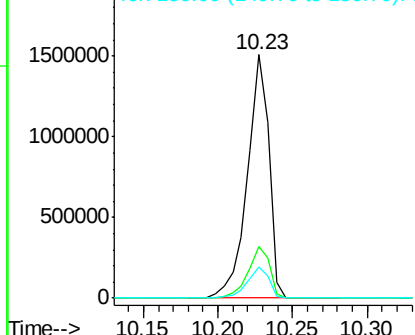
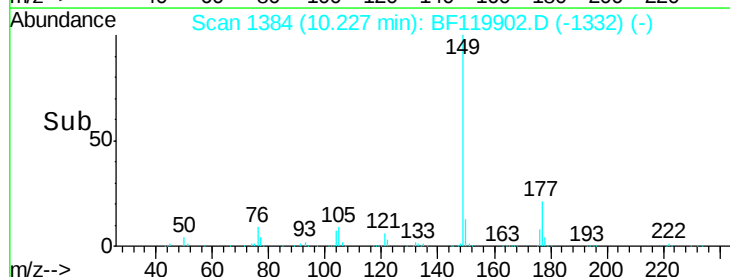


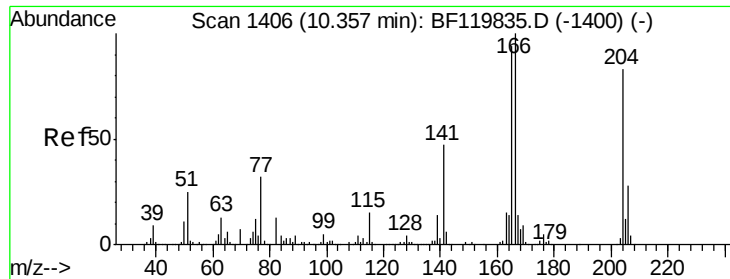
#60
 Diethylphthalate
 Concen: 45.531 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:149 Resp: 1503489
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.8 25.2
 150 12.9 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

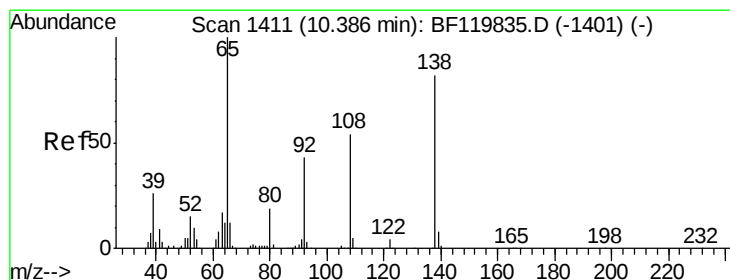
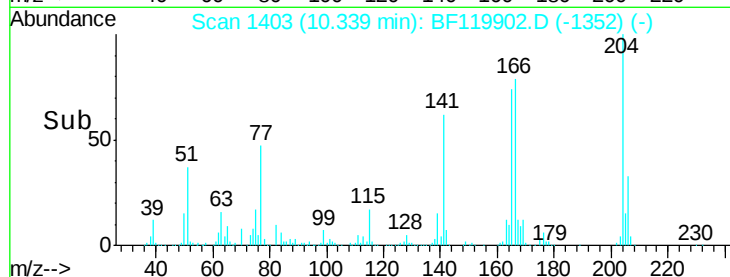
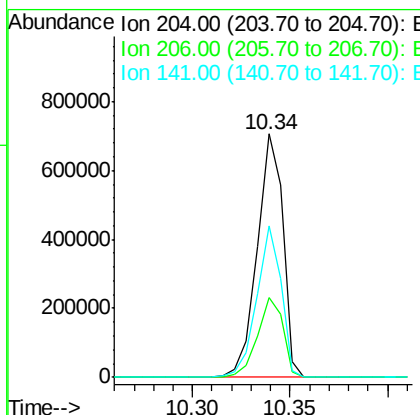
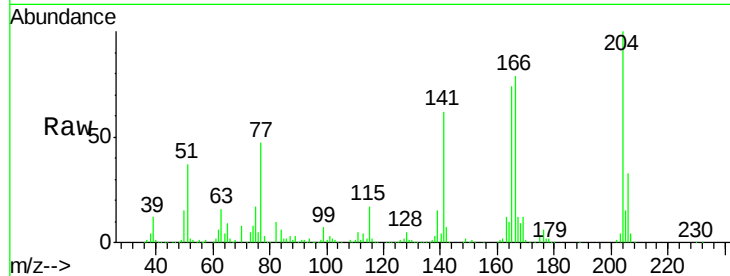




#61
4-Chlorophenyl-phenylether
Concen: 42.267 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

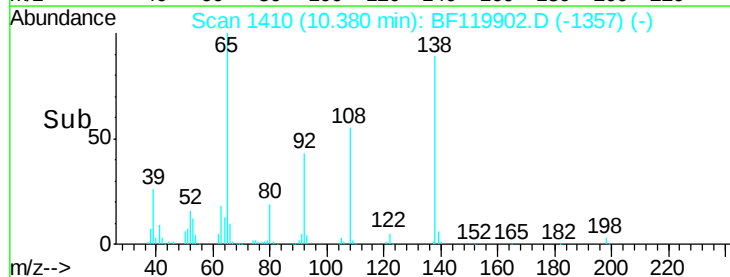
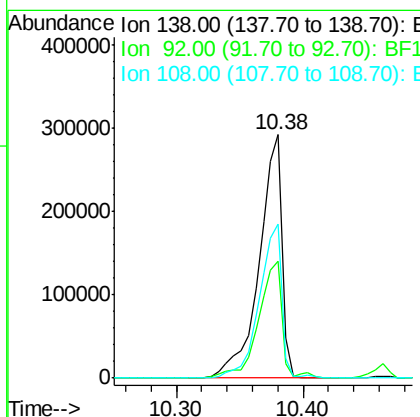
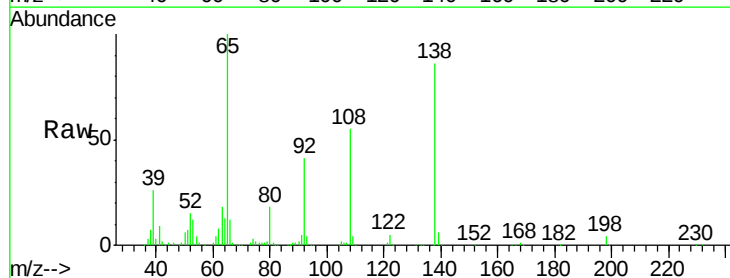
Instrument :
BNA_F
ClientSampled :

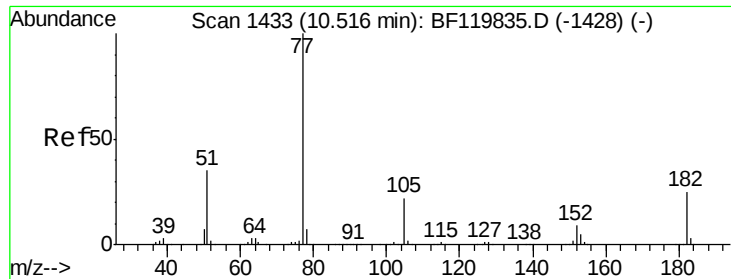
Tot Ion:204 Resp: 645964
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 62.3 45.8 68.8



#62
4-Nitroaniline
Concen: 48.520 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:138 Resp: 368448
Ion Ratio Lower Upper
138 100
92 48.0 31.6 71.6
108 63.5 45.2 85.2





#63

Azobenzene

Concen: 47.824 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1415262

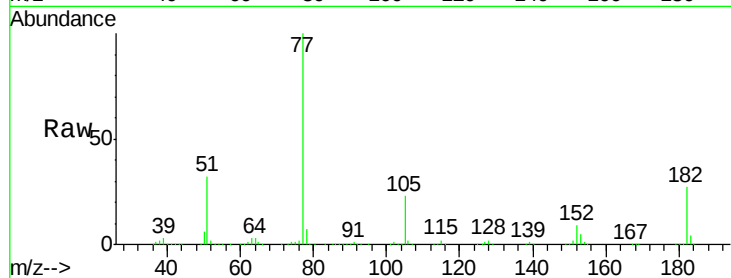
Ion Ratio Lower Upper

77 100

182 26.8 4.5 44.5

105 23.1 2.2 42.2

51 32.2 15.1 55.1

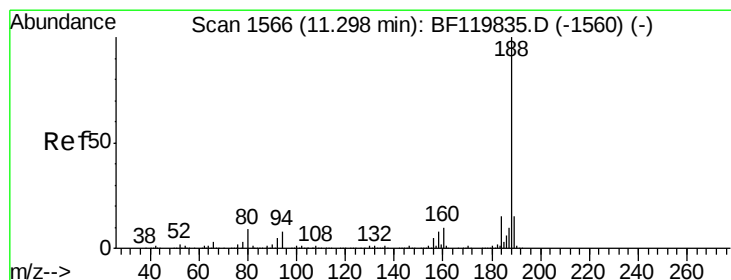
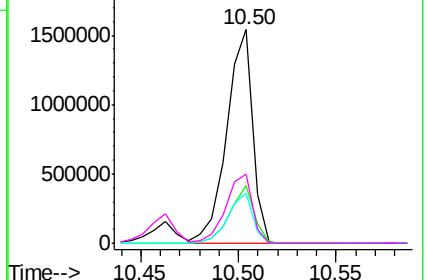
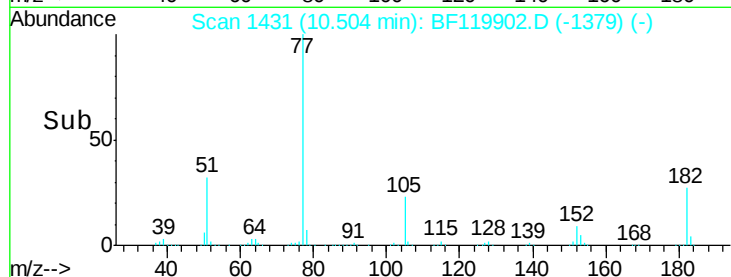


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

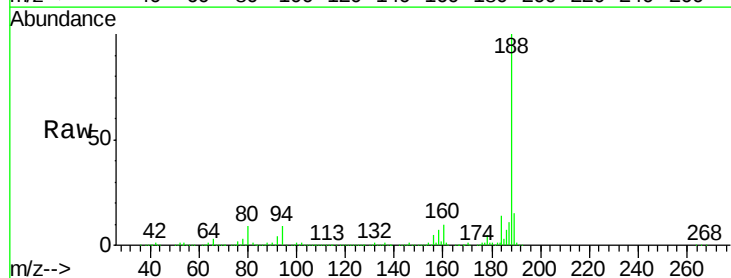
Tgt Ion: 188 Resp: 782960

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

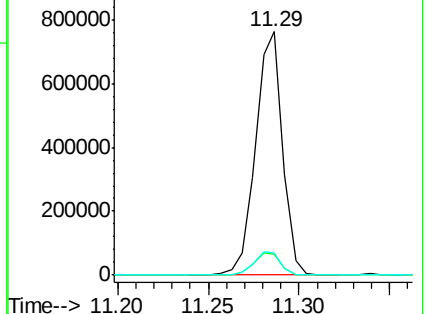
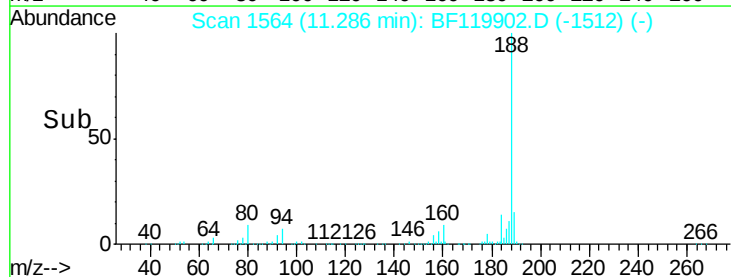
80 9.1 7.4 11.2

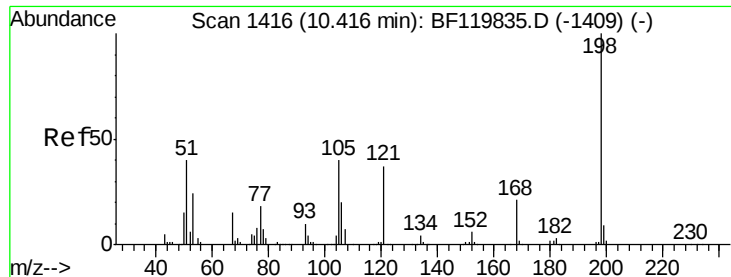


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 50.608 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

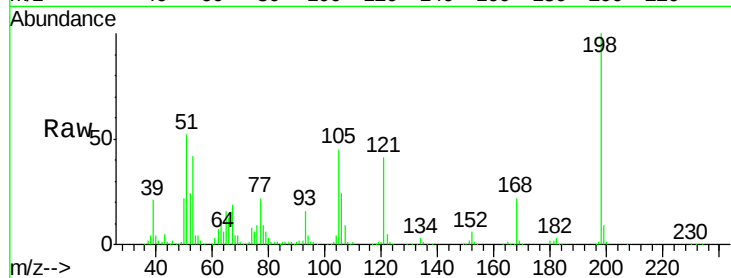
Tot Ion:198 Resp: 261048

Ion Ratio Lower Upper

198 100

51 52.1 25.2 65.2

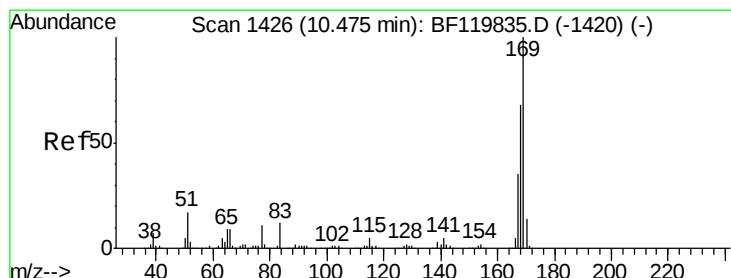
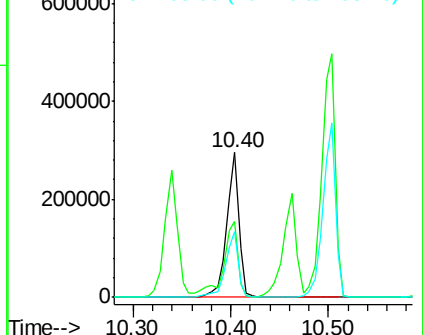
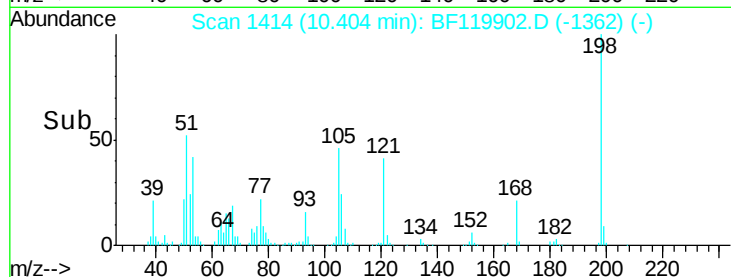
105 45.4 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.185 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

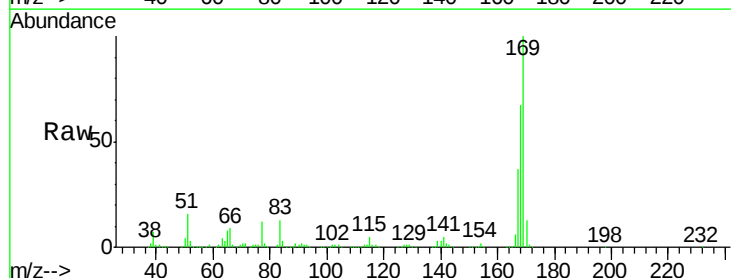
Tgt Ion:169 Resp: 1254701

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.4

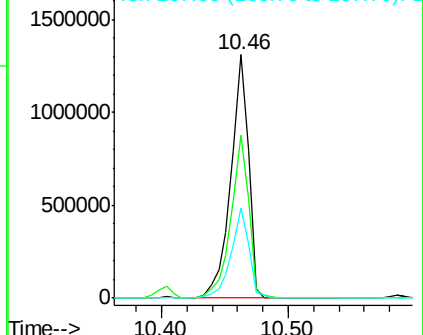
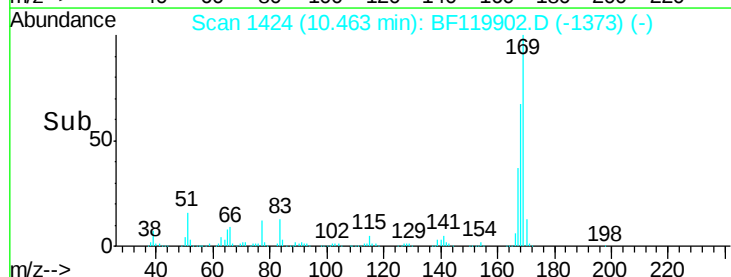
167 36.9 28.3 42.5

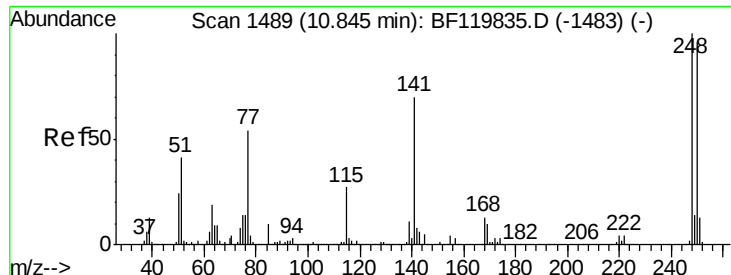


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

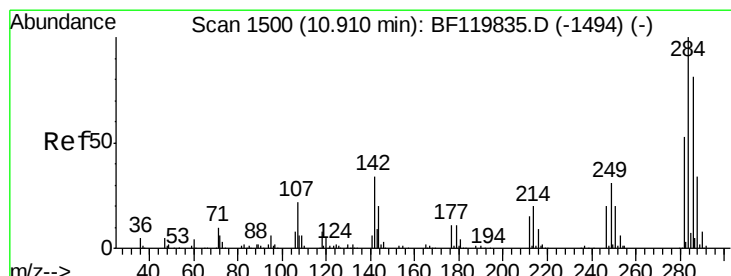
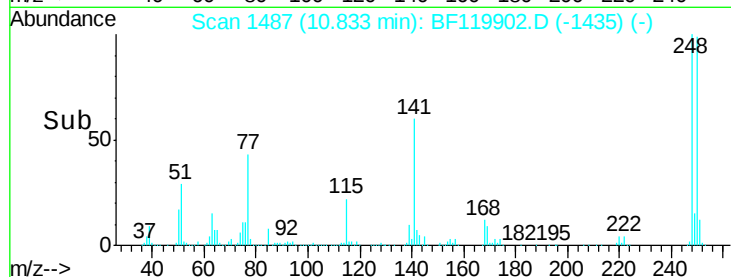
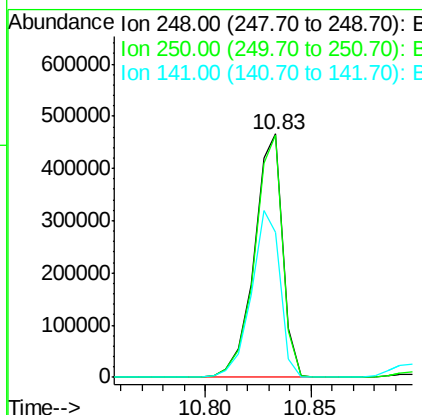
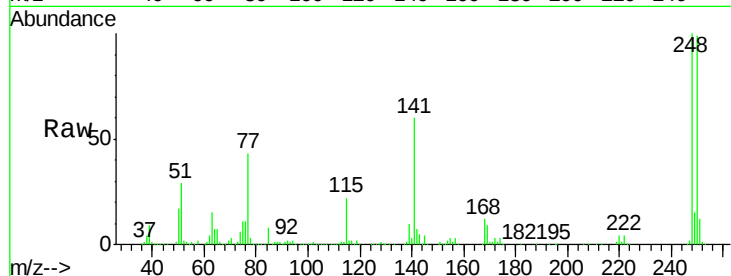




#67
 4-Bromophenyl-phenylether
 Concen: 44.693 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

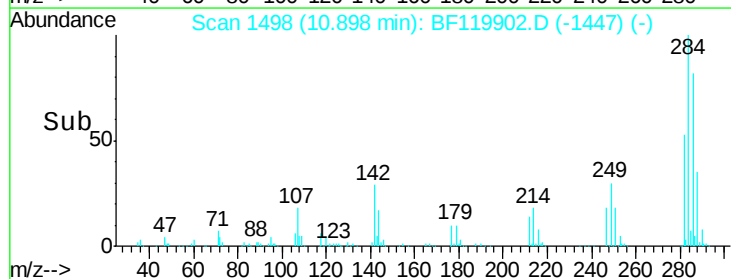
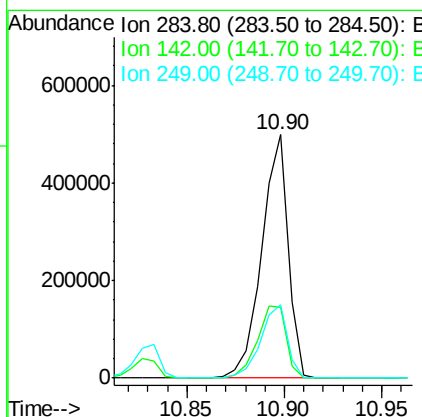
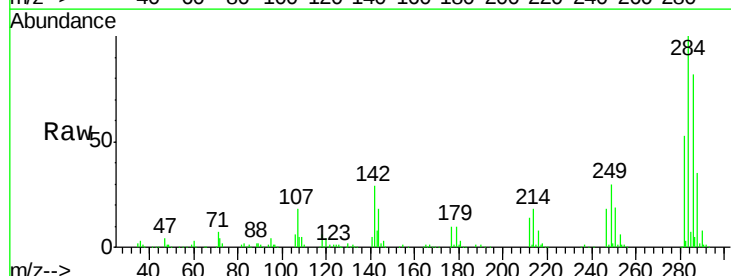
Instrument :
 BNA_F
 ClientSampleId :

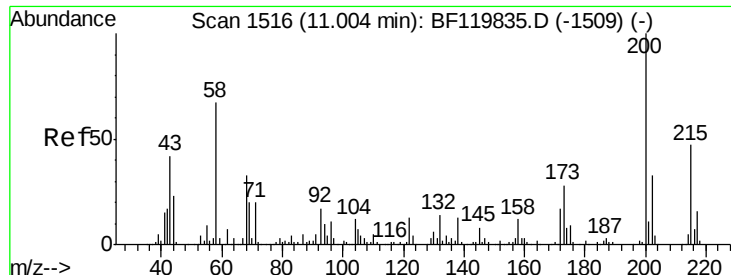
Tot Ion:248 Resp: 435176
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.6 114.8
 141 59.6 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 47.368 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:284 Resp: 467882
 Ion Ratio Lower Upper
 284 100
 142 29.3 26.9 40.3
 249 30.2 24.6 37.0

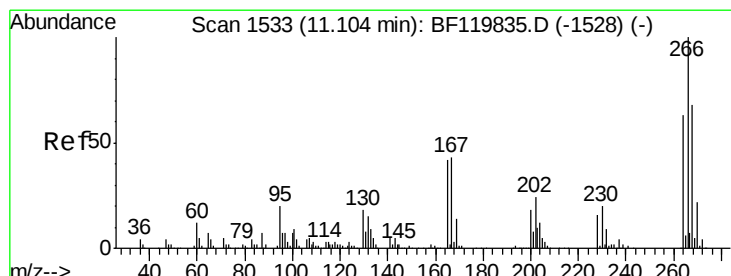
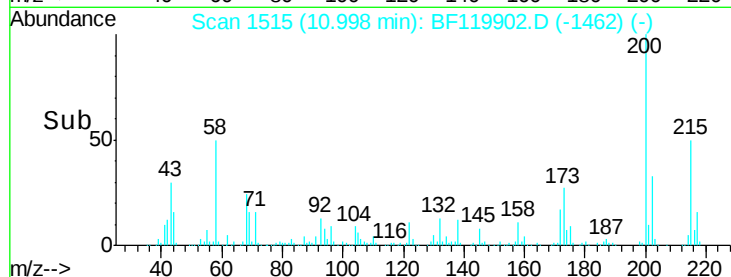
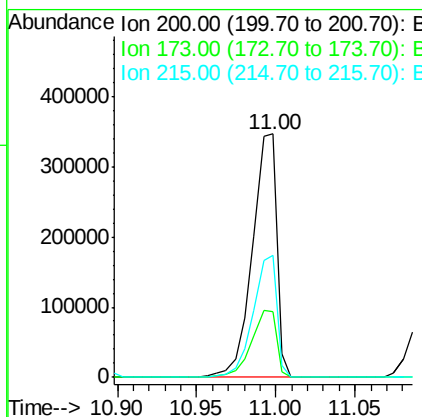
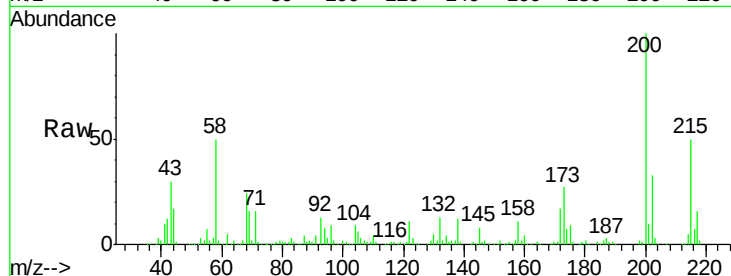




#69
Atrazine
Concen: 51.516 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

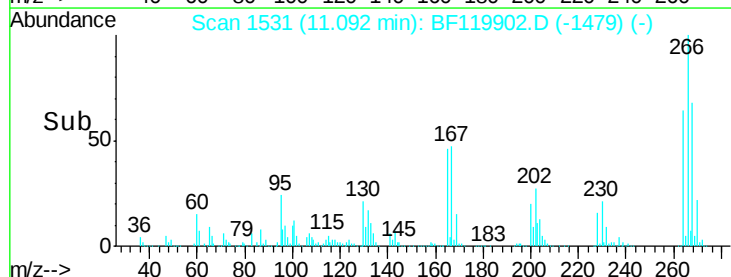
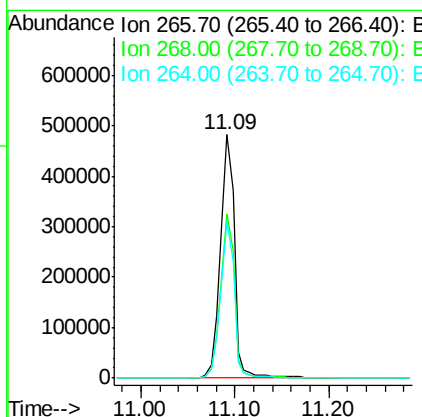
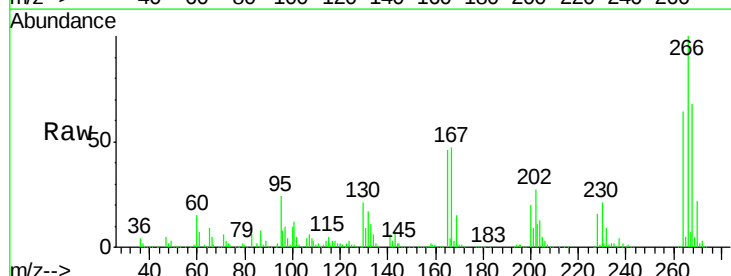
Instrument :
BNA_F
ClientSampled :

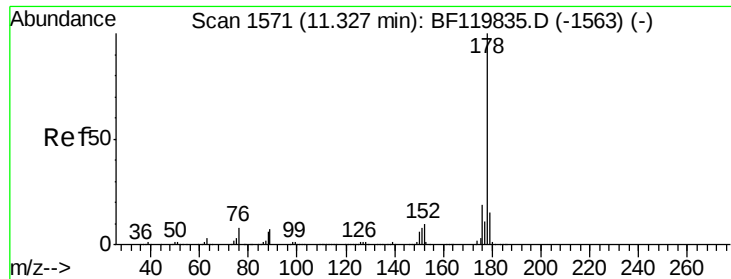
Tot Ion:200 Resp: 373228
Ion Ratio Lower Upper
200 100
173 26.8 8.0 48.0
215 49.9 27.1 67.1



#70
Pentachlorophenol
Concen: 89.515 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:266 Resp: 509545
Ion Ratio Lower Upper
266 100
268 67.6 54.2 81.4
264 64.2 50.6 76.0

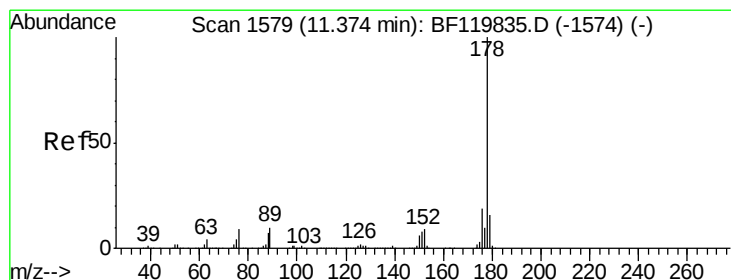
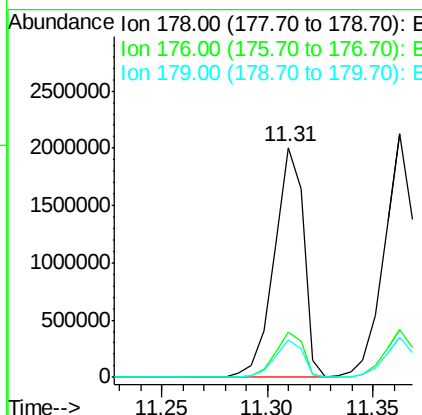
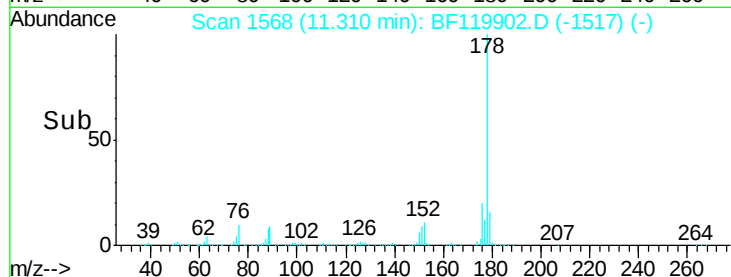
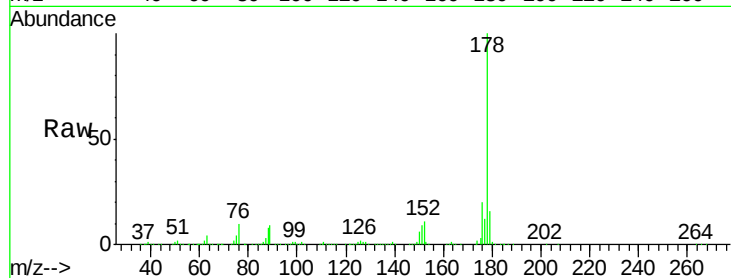




#71
Phenanthrene
Concen: 46.711 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

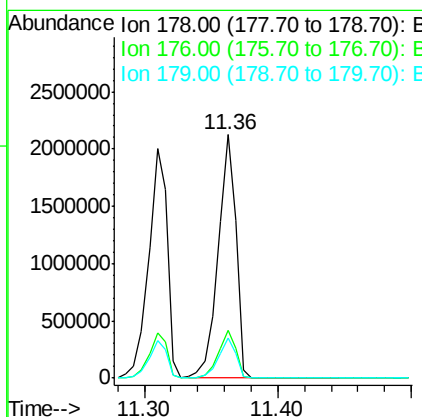
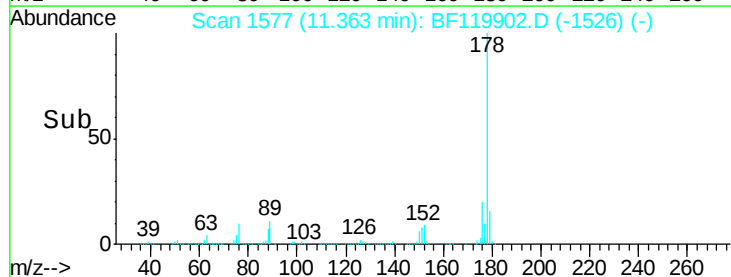
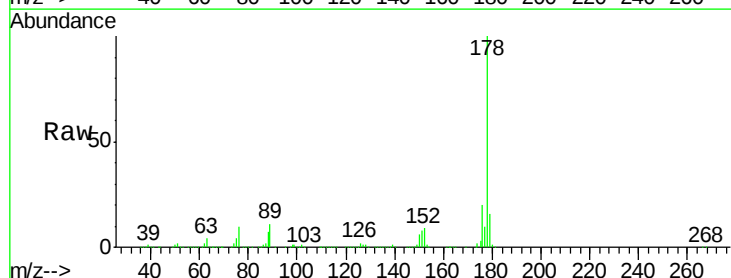
Instrument :
BNA_F
ClientSampleId :

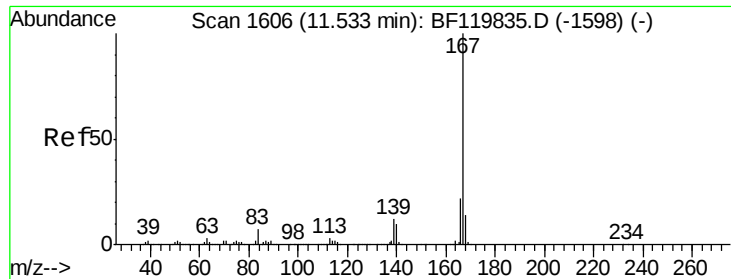
Tot Ion:178 Resp: 1946428
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.2 12.2 18.4



#72
Anthracene
Concen: 47.181 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:178 Resp: 2008416
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.4 12.8 19.2

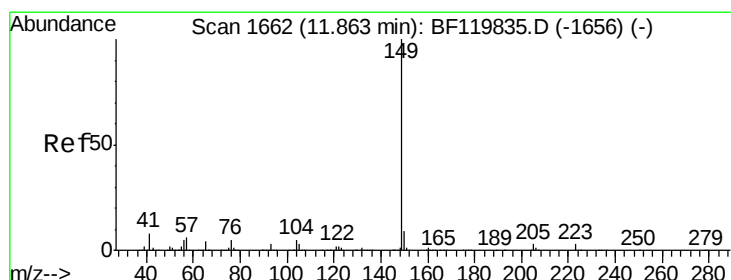
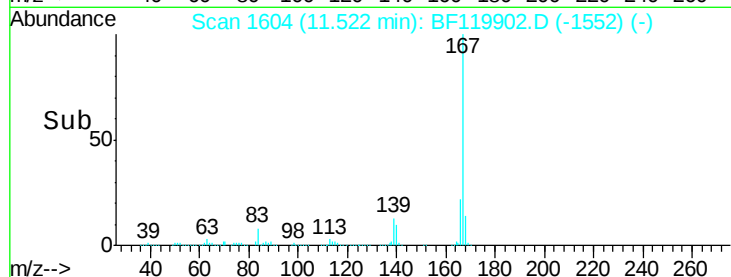
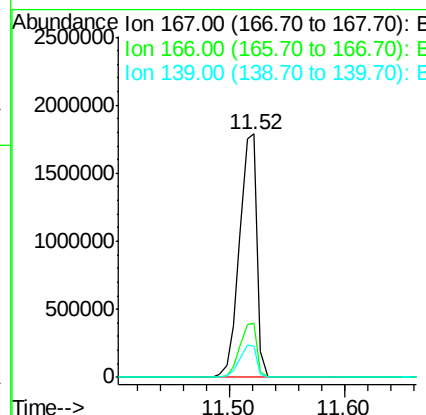
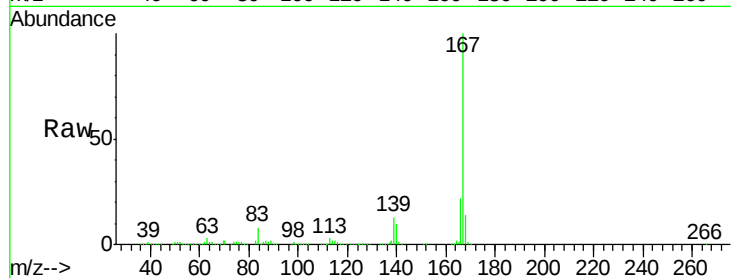




#73
 Carbazole
 Concen: 46.404 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

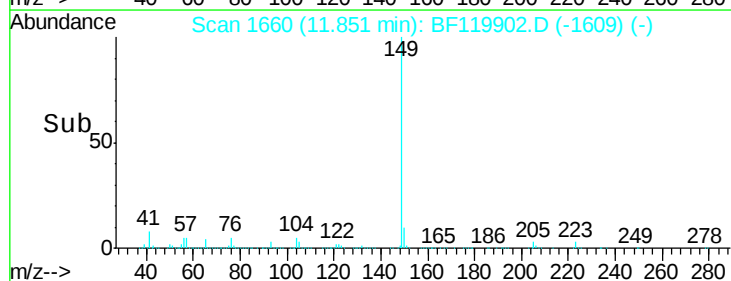
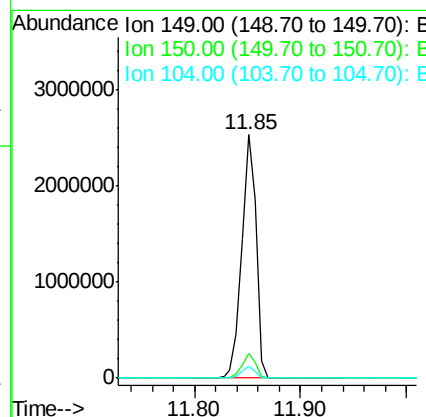
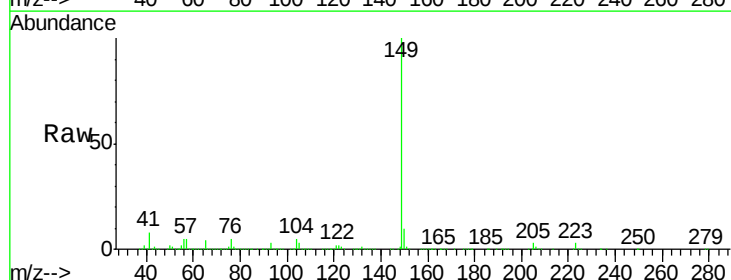
Instrument :
 BNA_F
 ClientSampleId :

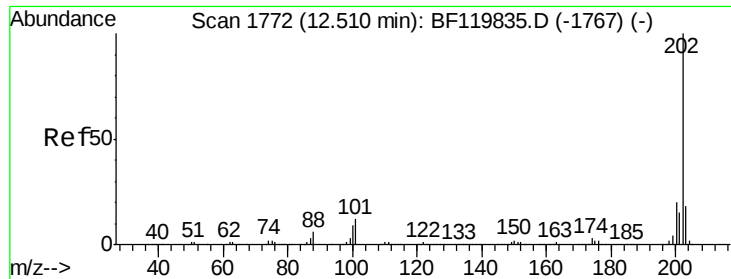
Tot Ion:167 Resp: 1868040
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.6 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 43.906 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:149 Resp: 2323504
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 4.7 3.8 5.6

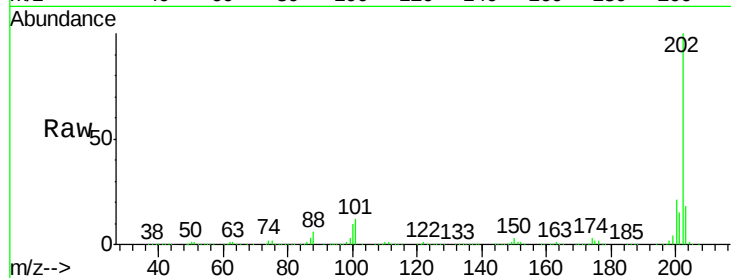




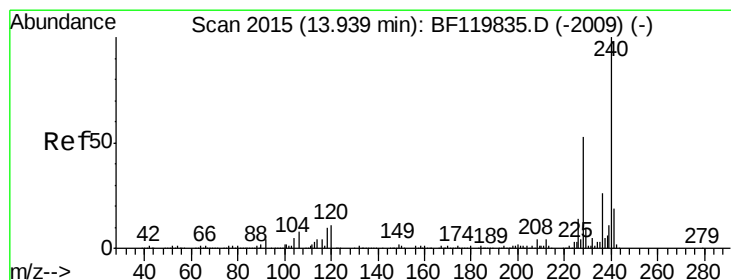
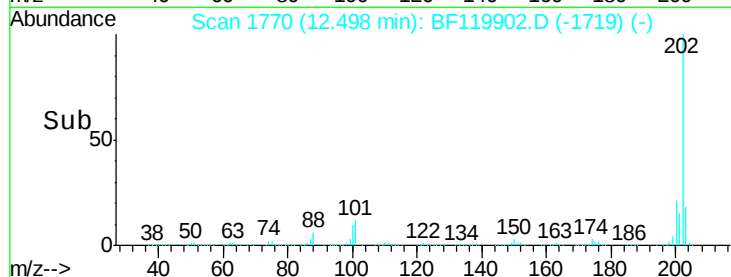
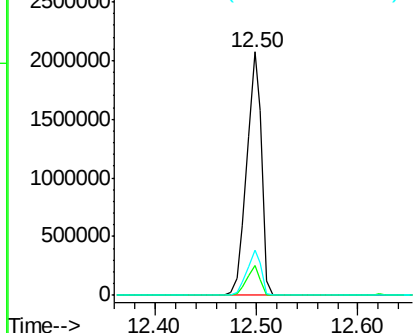
#75
Fluoranthene
Concen: 46.582 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2094385
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.3
203 18.5 0.0 37.6

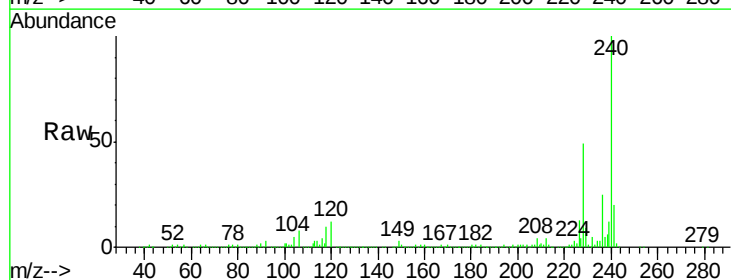


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

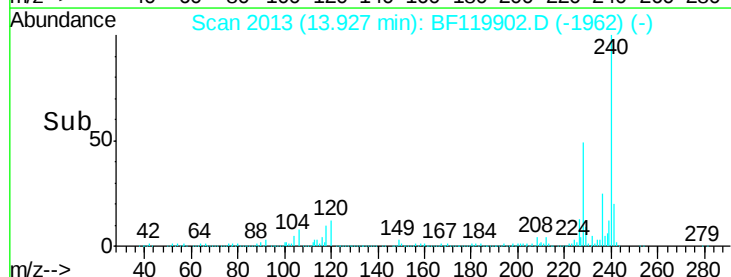
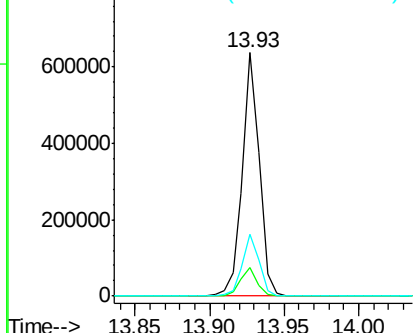


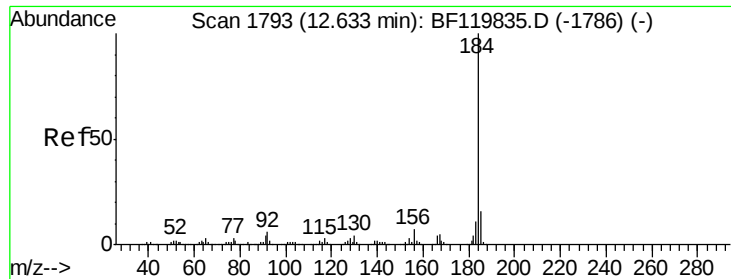
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:240 Resp: 506261
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 25.3 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: 82.246 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

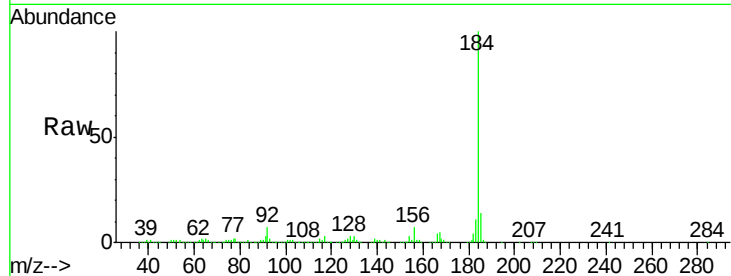
Tot Ion:184 Resp: 1407481

Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

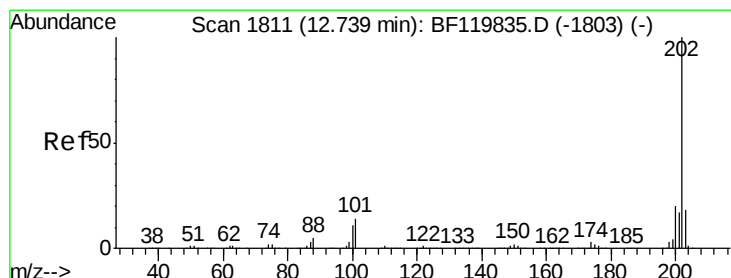
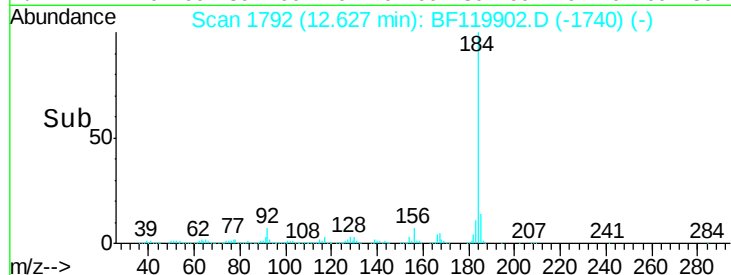
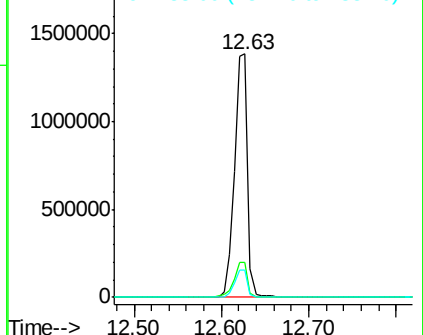
183 11.0 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.467 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

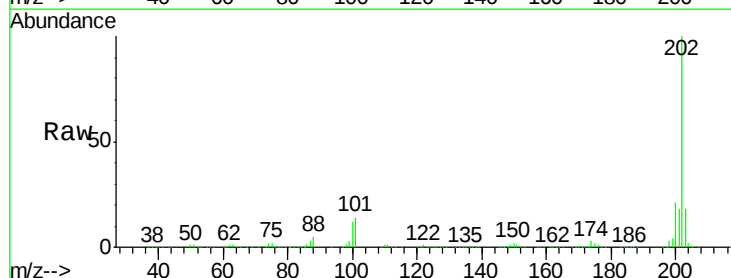
Tgt Ion:202 Resp: 2111191

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

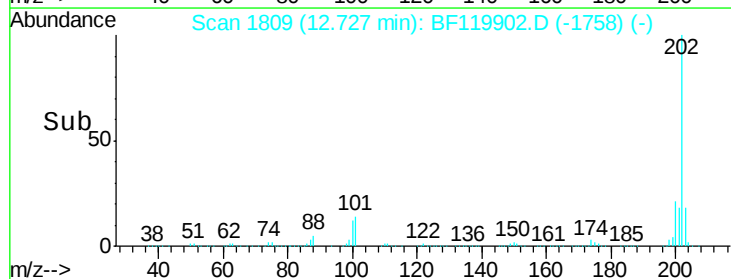
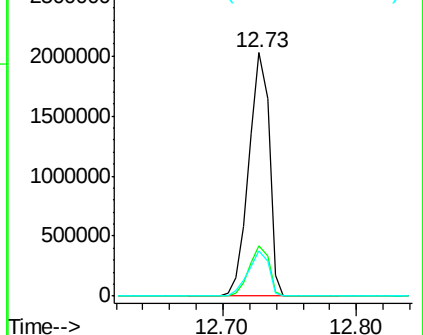
203 18.4 14.1 21.1

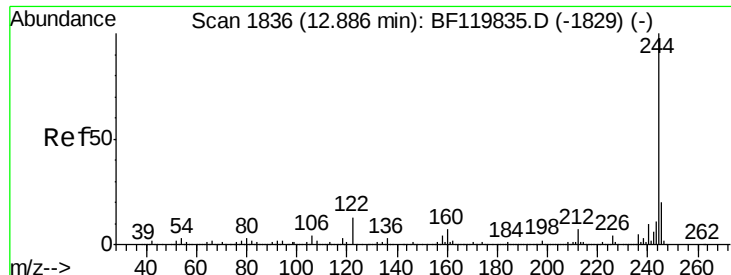


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.812 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

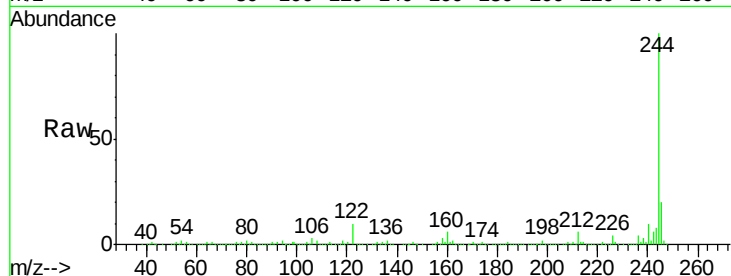
Tot Ion:244 Resp: 1829648

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

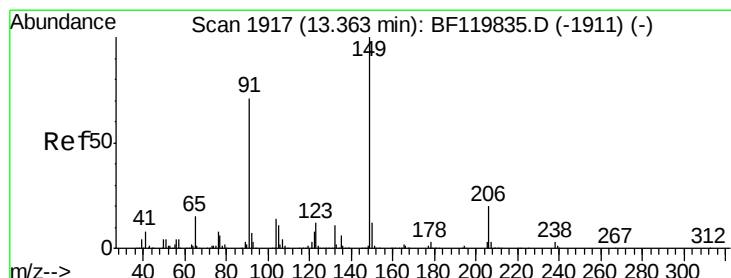
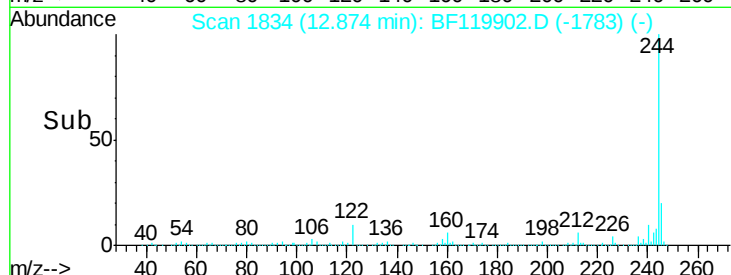
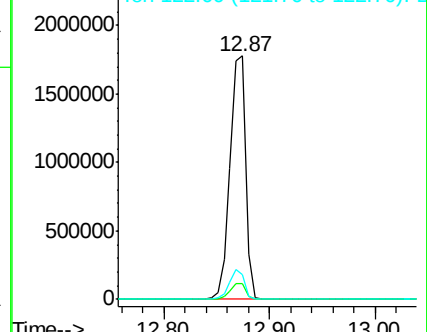
122 10.1 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.497 ng

RT: 13.35 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

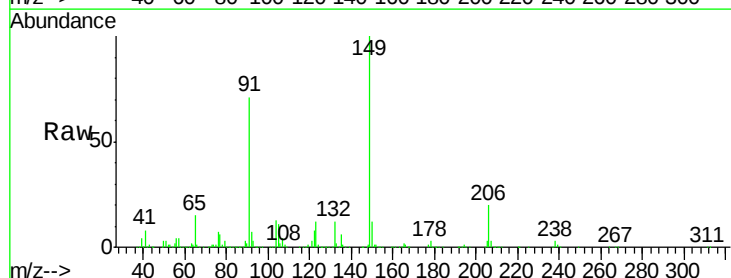
Tgt Ion:149 Resp: 921499

Ion Ratio Lower Upper

149 100

91 70.8 56.7 85.1

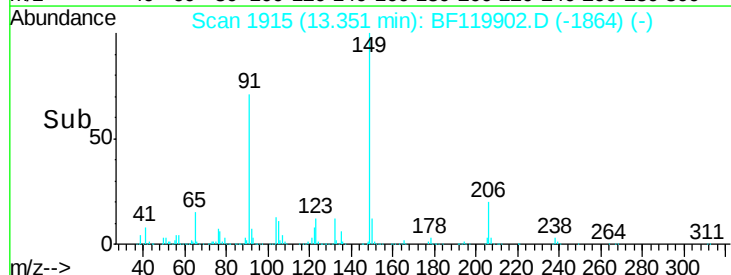
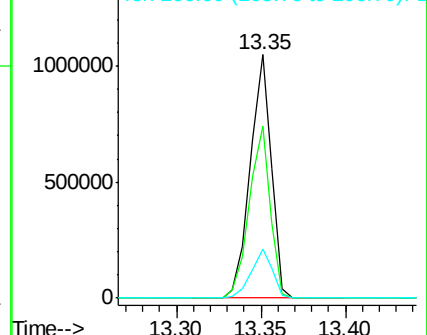
206 20.4 15.7 23.5

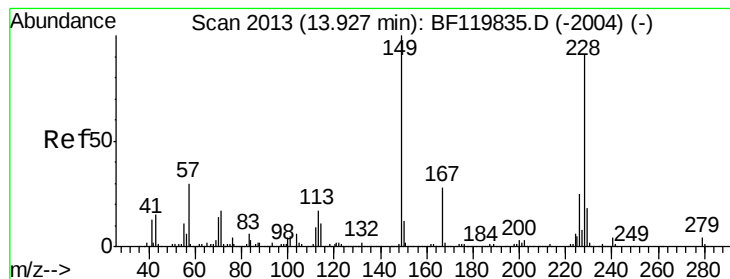


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.548 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

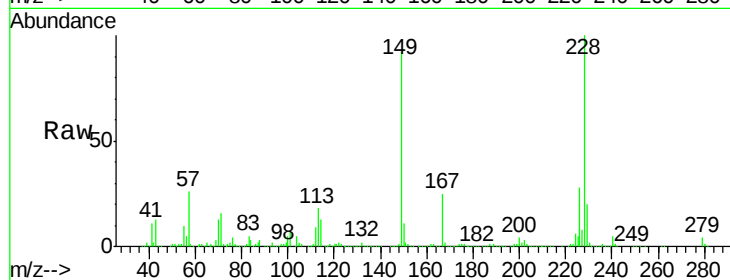
Tot Ion:228 Resp: 1550299

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

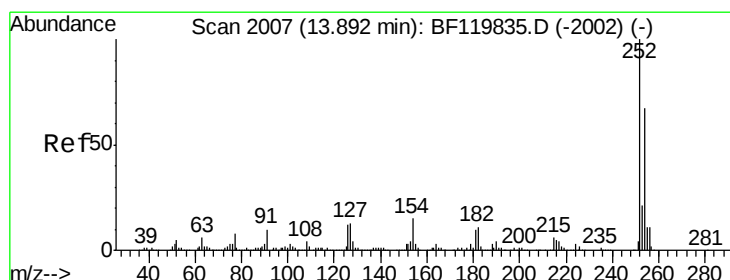
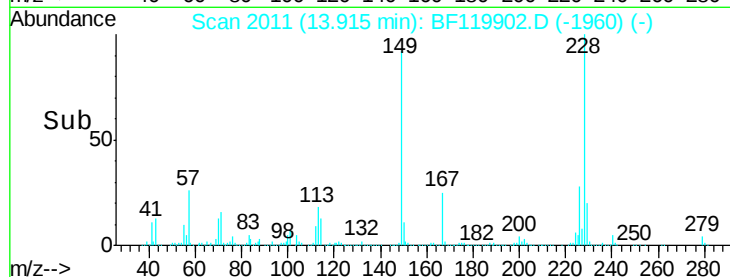
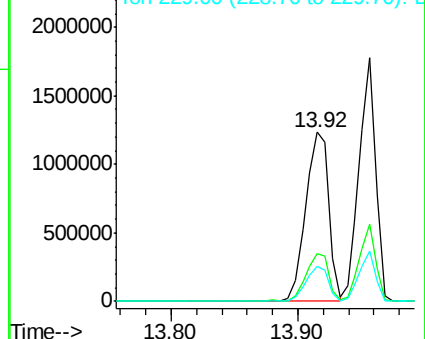
229 20.5 15.9 23.9



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: 37.958 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

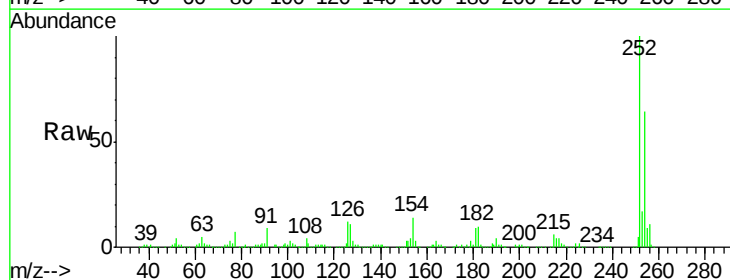
Tgt Ion:252 Resp: 471702

Ion Ratio Lower Upper

252 100

254 64.4 53.9 80.9

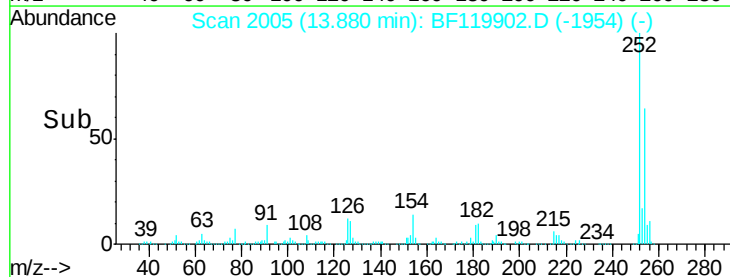
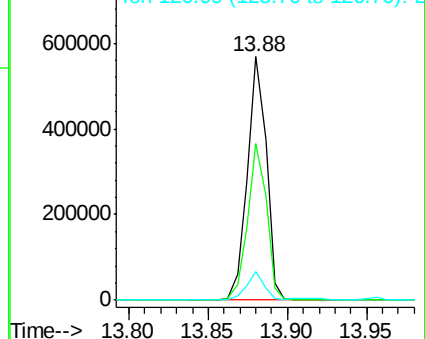
126 11.5 9.7 14.5

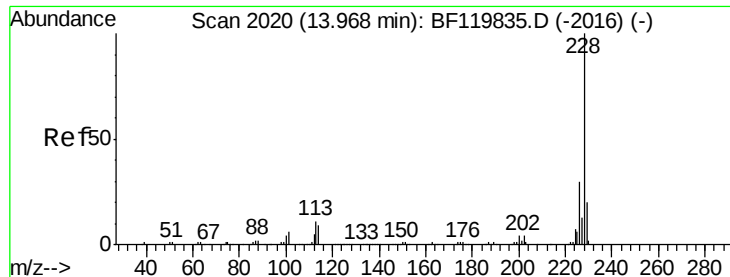


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.281 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

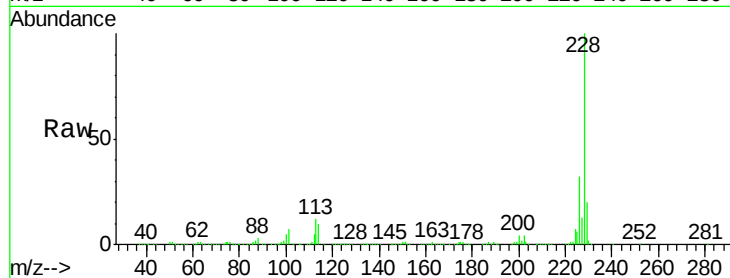
Tot Ion:228 Resp: 1600043

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.2

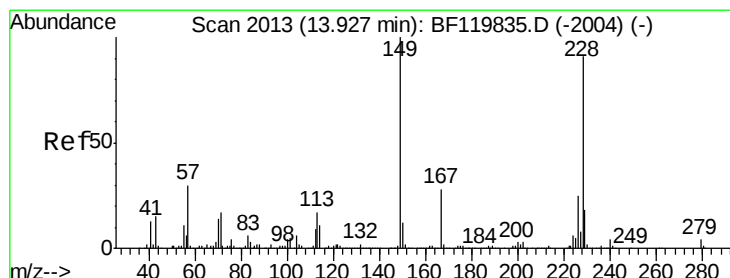
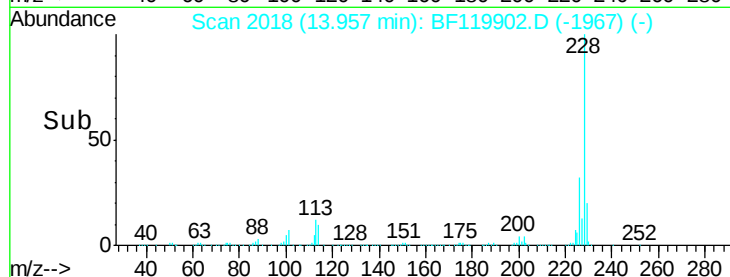
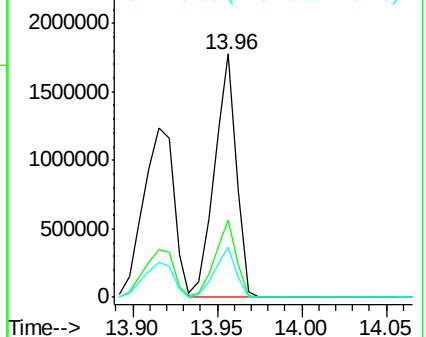
229 20.4 15.9 23.9



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: 40.770 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

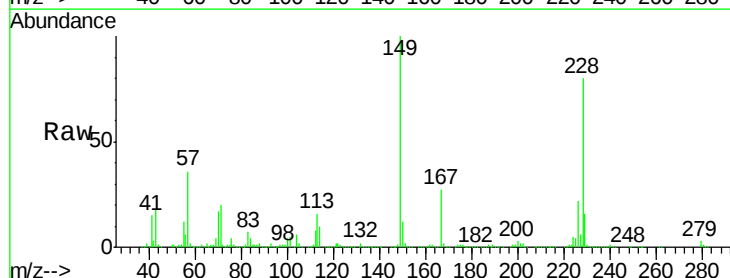
Tgt Ion:149 Resp: 1143361

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

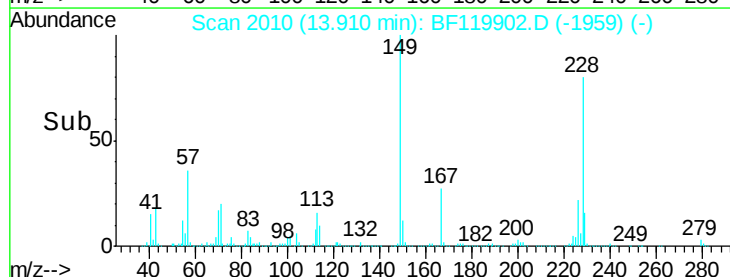
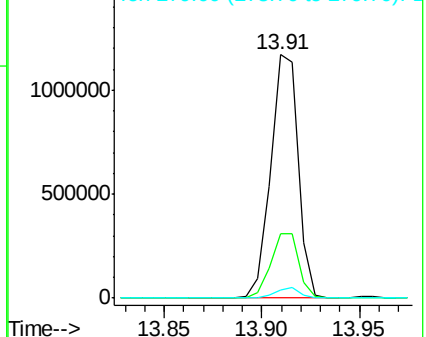
279 3.4 3.4 5.0

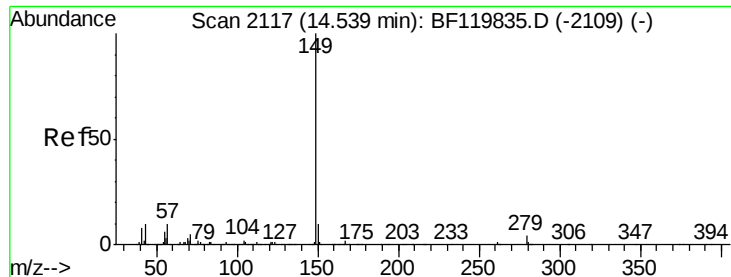


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.728 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampled :

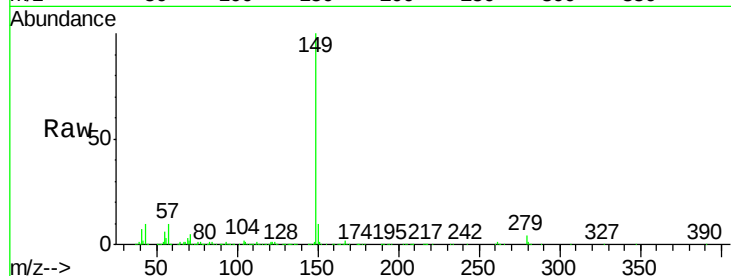
Tot Ion:149 Resp: 1897029

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

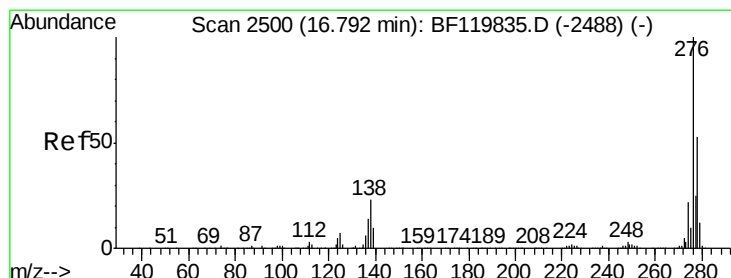
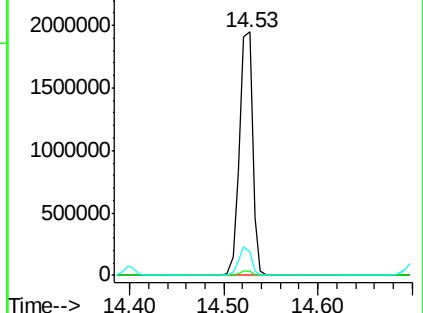
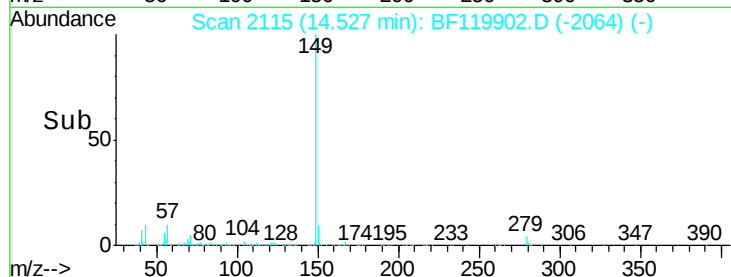
43 11.0 9.2 13.8



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: 49.414 ng

RT: 16.77 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

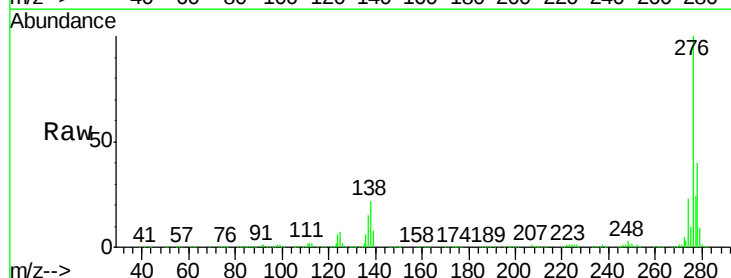
Tgt Ion:276 Resp: 1474051

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

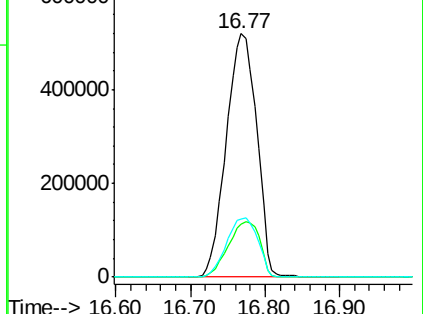
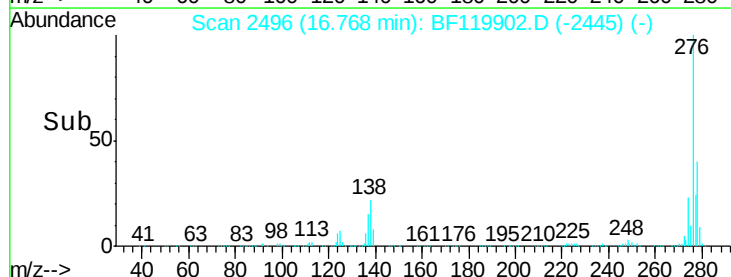
277 25.1 20.1 30.1

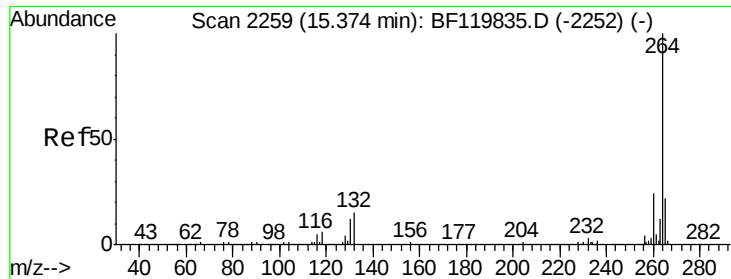


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

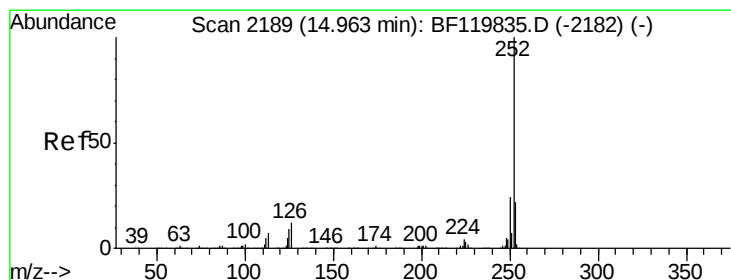
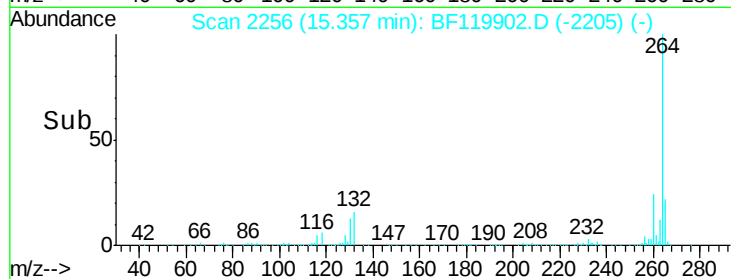
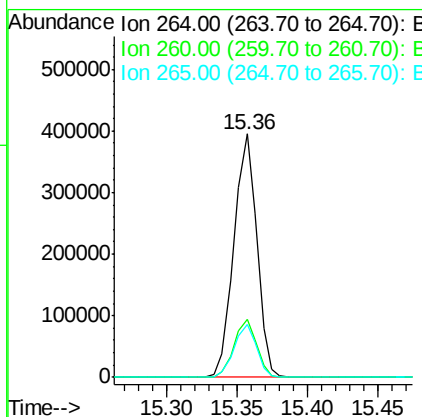
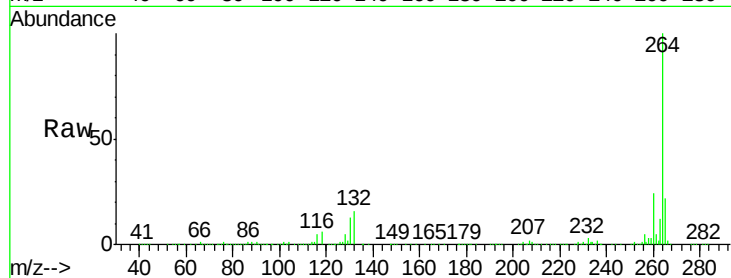




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

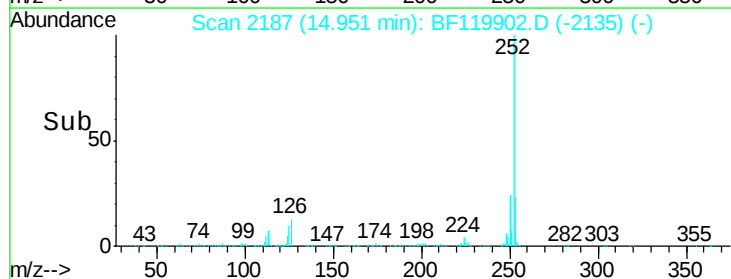
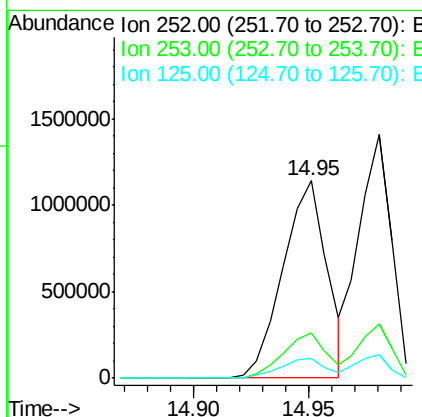
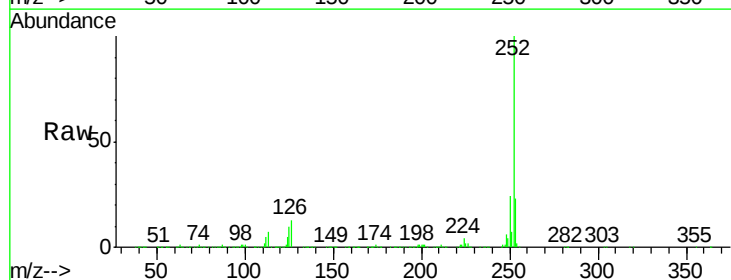
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 450506
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 46.600 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:252 Resp: 1510235
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.8 7.4 11.2

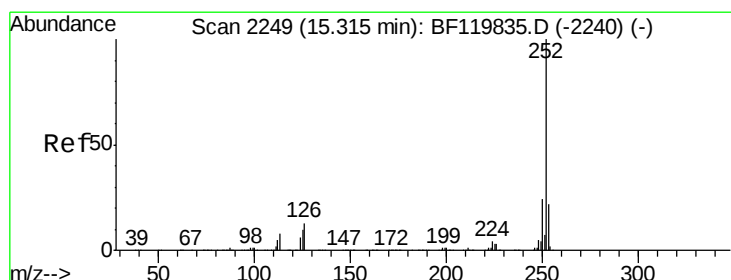
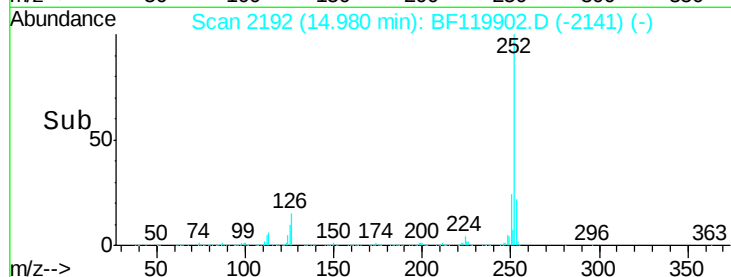
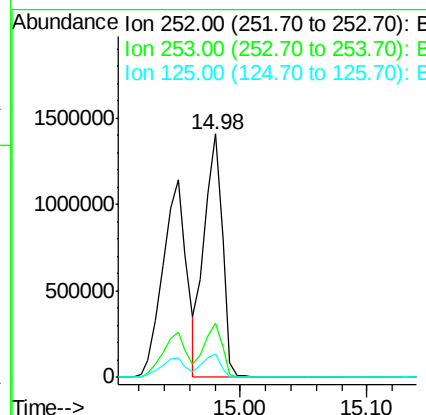
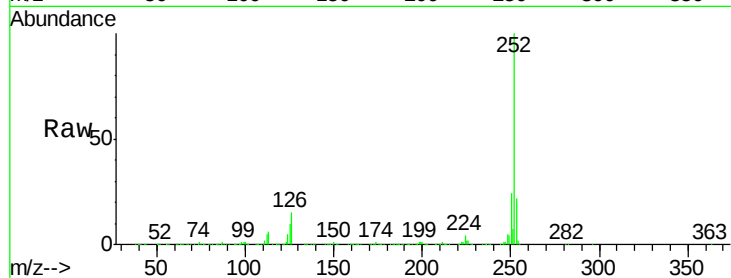




#89
Benzo(k)fluoranthene
Concen: 49.786 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

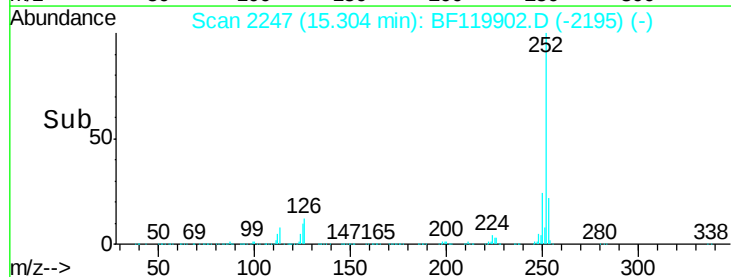
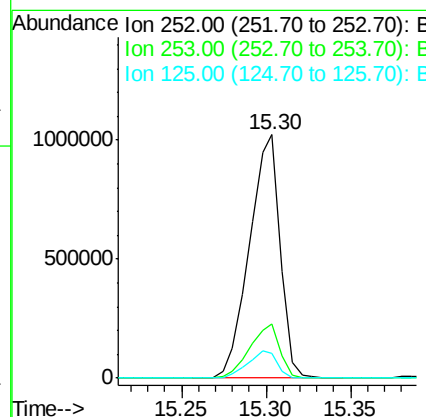
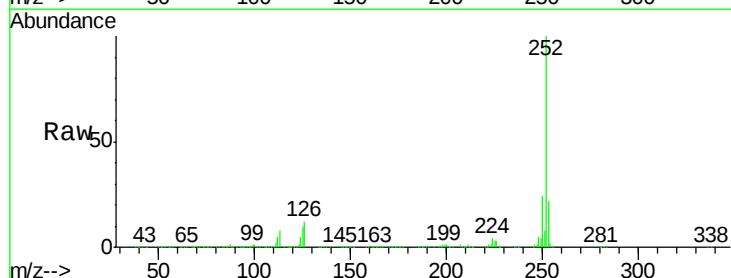
Instrument :
BNA_F
ClientSampleId :

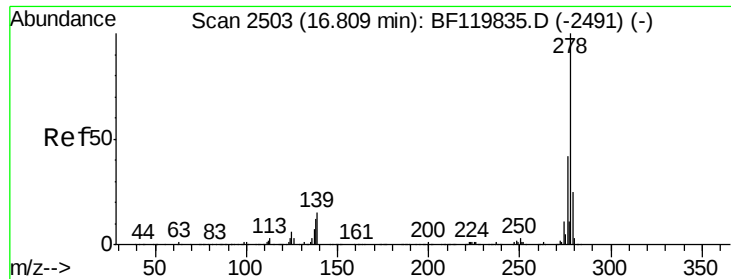
Tot Ion:252 Resp: 1392134
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.584 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:252 Resp: 1296601
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.181 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

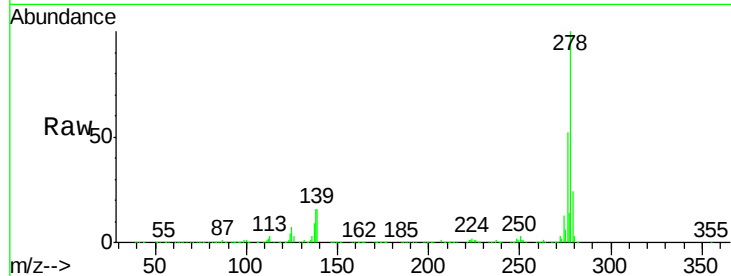
Tot Ion:278 Resp: 1211201

Ion Ratio Lower Upper

278 100

139 15.9 11.6 17.4

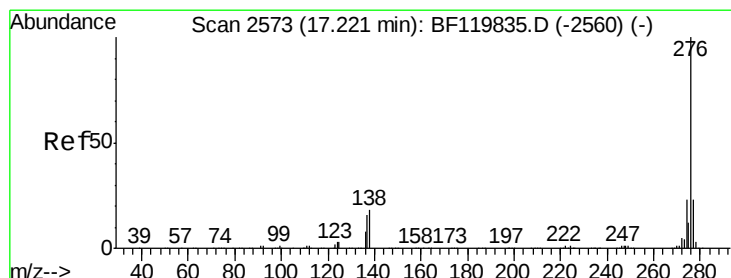
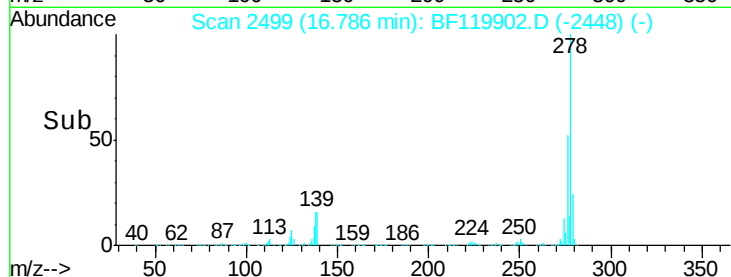
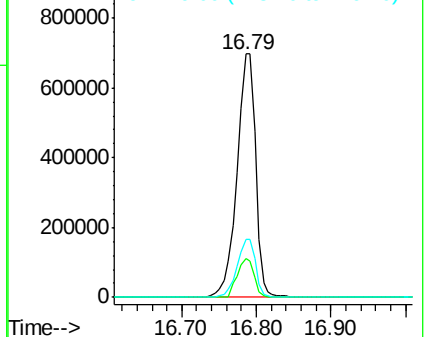
279 23.7 19.7 29.5



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: 52.101 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

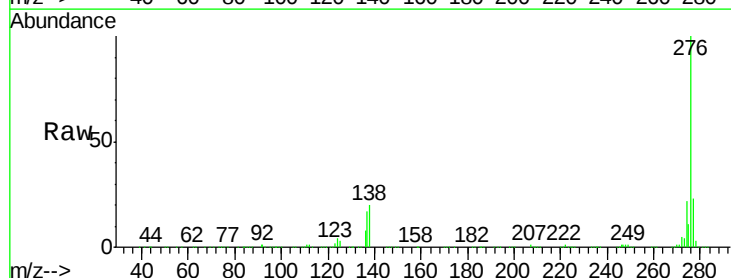
Tgt Ion:276 Resp: 1241320

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 19.8 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

