

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119877.D
 Acq On : 9 Apr 2020 18:45
 Operator : MA/SJ
 Sample : L2172-01MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:27:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	190883	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	633743	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	293703	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	477488	20.00	ng	0.00
76) Chrysene-d12	13.94	240	293006	20.00	ng	0.00
87) Perylene-d12	15.37	264	276469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1377896	124.75	ng	0.02
7) Phenol-d6	6.42	99	1770025	124.37	ng	0.01
23) Nitrobenzene-d5	7.34	82	1211162	98.87	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	425354	118.29	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1978624	95.65	ng	0.00
79) Terphenyl-d14	12.89	244	1672602	96.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	190238	38.670	ng	99
3) Pyridine	3.26	79	539407	39.963	ng	93
4) n-Nitrosodimethylamine	3.22	42	315087	45.689	ng	96
6) Aniline	6.43	93	449675	24.072	ng	# 73
8) 2-Chlorophenol	6.56	128	560271	45.398	ng	98
9) Benzaldehyde	6.32	77	282546	35.099	ng	99
10) Phenol	6.43	94	683051	42.303	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	569938	45.716	ng	99
12) 1,3-Dichlorobenzene	6.71	146	636466	47.107	ng	99
13) 1,4-Dichlorobenzene	6.79	146	650613	47.272	ng	99
14) 1,2-Dichlorobenzene	6.95	146	602517	47.502	ng	97
15) Benzyl Alcohol	6.92	79	514513	46.544	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1080632	44.544	ng	98
17) 2-Methylphenol	7.03	107	490199	44.509	ng	96
18) Hexachloroethane	7.28	117	229841	44.684	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	430166	47.002	ng	98
20) 3+4-Methylphenols	7.19	107	596282	44.268	ng	97
22) Acetophenone	7.19	105	811813	54.703	ng	97
24) Nitrobenzene	7.36	77	634510	51.489	ng	98
25) Isophorone	7.60	82	1020358	43.209	ng	99
26) 2-Nitrophenol	7.67	139	276773	44.955	ng	94
27) 2,4-Dimethylphenol	7.72	122	452942	48.780	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	636858	45.831	ng	100
29) 2,4-Dichlorophenol	7.92	162	438353	46.056	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	483813	44.862	ng	100
31) Naphthalene	8.08	128	1548576	46.444	ng	99
32) Benzoic acid	7.85	122	321500	39.424	ng	93
33) 4-Chloroaniline	8.13	127	165385	11.394	ng	96
34) Hexachlorobutadiene	8.20	225	292242	45.269	ng	98
35) Caprolactam	8.51	113	88785	30.495	ng	89
36) 4-Chloro-3-methylphenol	8.62	107	470257	45.636	ng	96
37) 2-Methylnaphthalene	8.77	142	1112677	49.221	ng	99
38) 1-Methylnaphthalene	8.87	142	981131	46.048	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	447324	48.222	ng	99

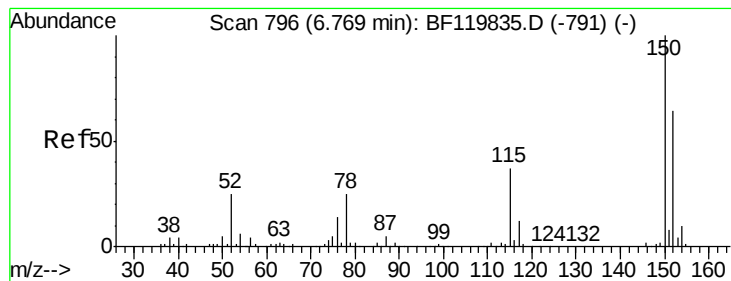
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	240554	45.603	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	322883	50.405	ng	100
44) 2,4,5-Trichlorophenol	9.09	196	325111	45.062	ng	99
46) 1,1'-Biphenyl	9.24	154	1185273	47.812	ng	99
47) 2-Chloronaphthalene	9.26	162	918370	48.090	ng	98
48) 2-Nitroaniline	9.36	65	333715	48.221	ng	95
49) Acenaphthylene	9.67	152	1369188	47.143	ng	99
50) Dimethylphthalate	9.55	163	1297613	57.120	ng	99
51) 2,6-Dinitrotoluene	9.60	165	232965	46.829	ng	92
52) Acenaphthene	9.85	154	844571	43.594	ng	99
53) 3-Nitroaniline	9.77	138	143746	25.300	ng	99
54) 2,4-Dinitrophenol	9.87	184	100981	33.905	ng	# 85
55) Dibenzofuran	10.02	168	1227647	46.177	ng	99
56) 4-Nitrophenol	9.94	139	363267	85.931	ng	98
57) 2,4-Dinitrotoluene	10.01	165	296257	45.200	ng	95
58) Fluorene	10.36	166	1000806	47.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	243379	44.106	ng	100
60) Diethylphthalate	10.24	149	1077541	45.765	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	496800	45.589	ng	97
62) 4-Nitroaniline	10.39	138	207948	38.405	ng	97
63) Azobenzene	10.52	77	947250	44.892	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	68823	21.878	ng	98
66) n-Nitrosodiphenylamine	10.47	169	848617	53.440	ng	99
67) 4-Bromophenyl-phenylether	10.85	248	286506	48.249	ng	98
68) Hexachlorobenzene	10.92	284	288850	47.951	ng	# 92
69) Atrazine	11.01	200	237113	53.666	ng	98
70) Pentachlorophenol	11.11	266	297301	85.642	ng	99
71) Phenanthrene	11.33	178	1199590	47.205	ng	99
72) Anthracene	11.38	178	1243278	47.892	ng	99
73) Carbazole	11.53	167	1189798	48.465	ng	99
74) Di-n-butylphthalate	11.87	149	1485675	46.034	ng	100
75) Fluoranthene	12.52	202	1288577	46.995	ng	97
77) Benzidine	12.64	184	622372	62.838	ng	96
78) Pyrene	12.74	202	1109570	44.920	ng	100
80) Butylbenzylphthalate	13.36	149	530509	44.262	ng	98
81) Benzo(a)anthracene	13.93	228	906234	47.014	ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	350220	48.694	ng	# 97
83) Chrysene	13.97	228	928235	47.393	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	732768	45.146	ng	99
85) Di-n-octyl phthalate	14.54	149	1263170	45.707	ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	871057	50.453	ng	99
88) Benzo(b)fluoranthene	14.97	252	1036520	52.116	ng	100
89) Benzo(k)fluoranthene	15.00	252	967565	56.384	ng	98
90) Benzo(a)pyrene	15.32	252	785935	46.999	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	726717	49.061	ng	98
92) Benzo(g,h,i)perylene	17.23	276	660064	45.144	ng	99

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

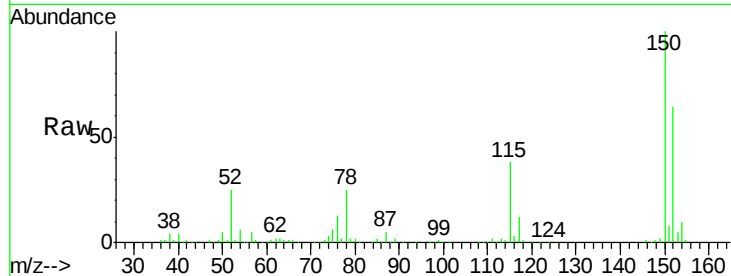


#1

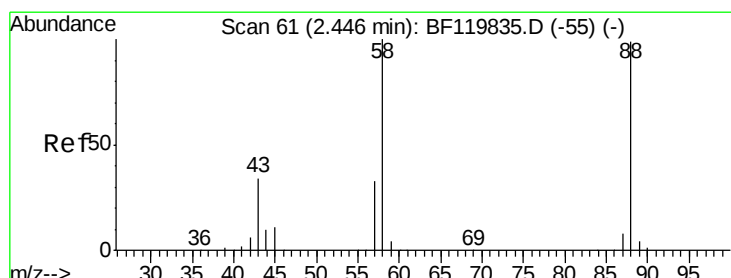
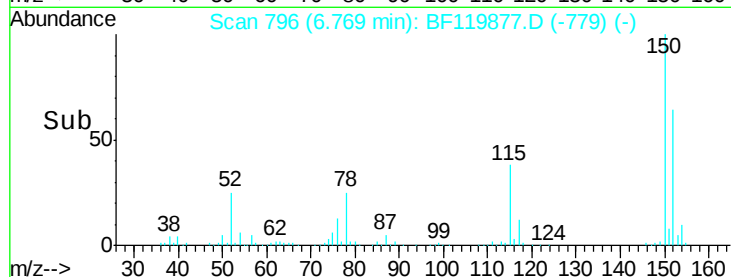
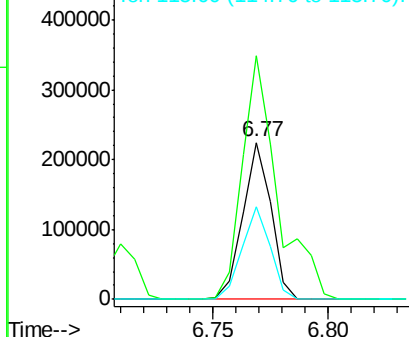
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190883
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 59.3 46.5 69.7



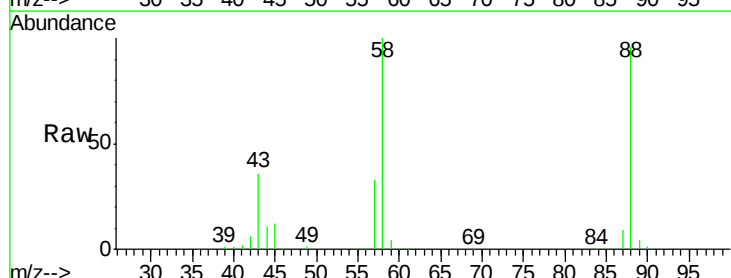
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



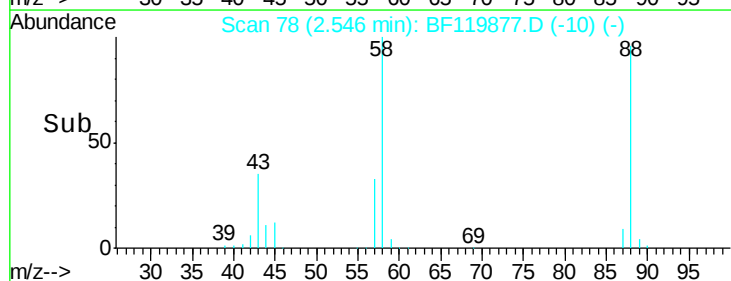
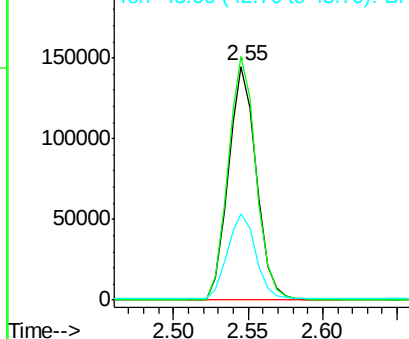
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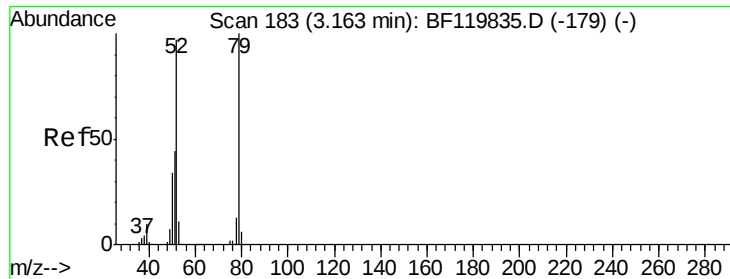
1,4-Dioxane
Concen: 38.670 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.10 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion: 88 Resp: 190238
Ion Ratio Lower Upper
88 100
58 104.1 82.6 123.8
43 36.9 28.6 42.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.963 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.10 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

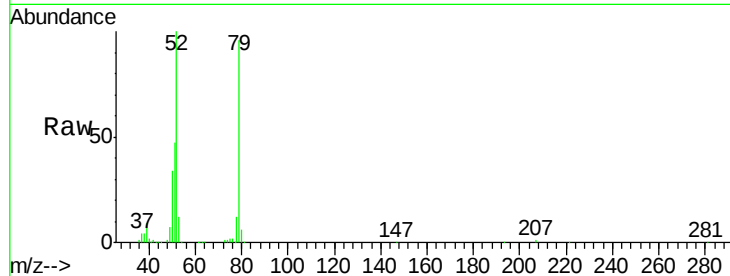
Tot Ion: 79 Resp: 539407

Ion Ratio Lower Upper

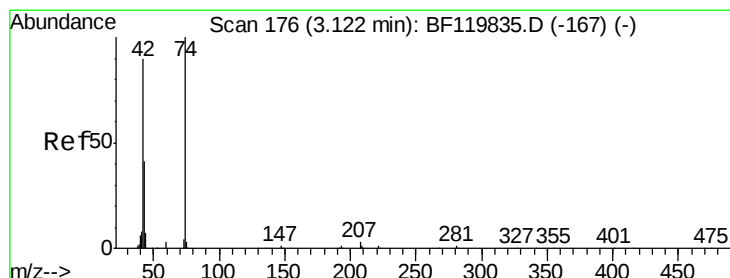
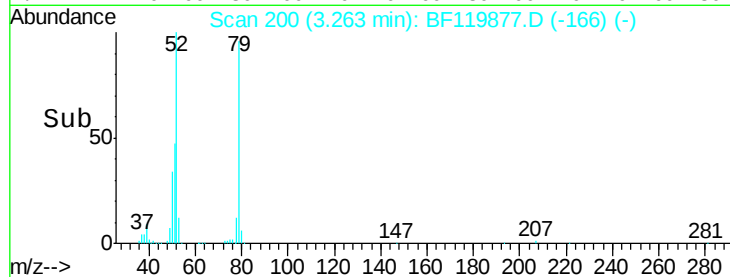
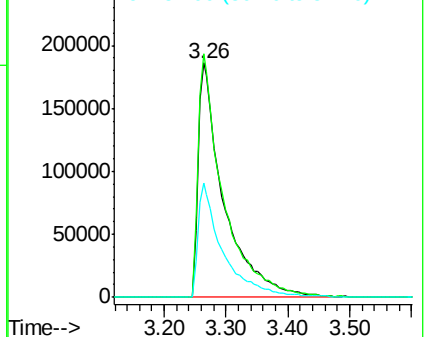
79 100

52 103.9 77.4 116.0

51 48.7 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



#4

n-Nitrosodimethylamine

Concen: 45.689 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.09 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

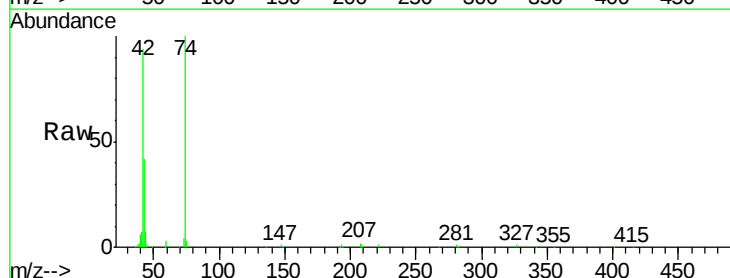
Tgt Ion: 42 Resp: 315087

Ion Ratio Lower Upper

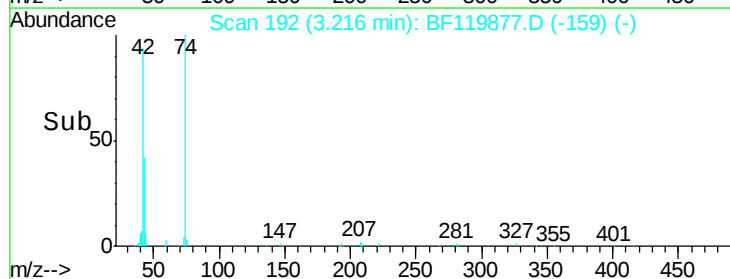
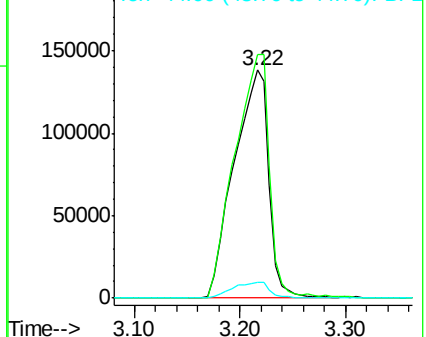
42 100

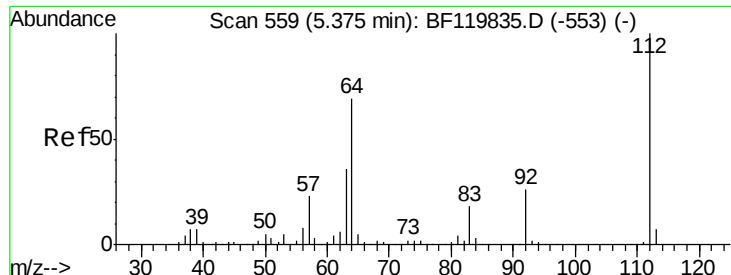
74 106.5 89.0 133.4

44 6.9 6.2 9.4



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





#5

2-Fluorophenol

Concen: 124.750 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

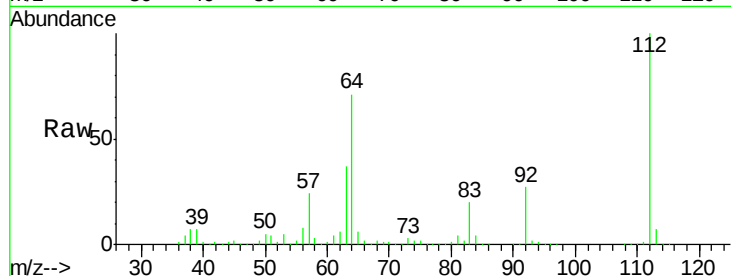
Tot Ion:112 Resp: 1377896

Ion Ratio Lower Upper

112 100

64 71.1 55.5 83.3

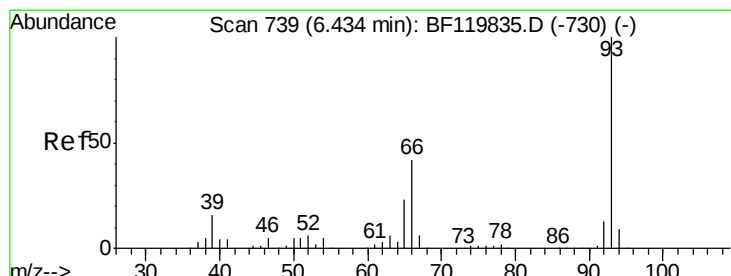
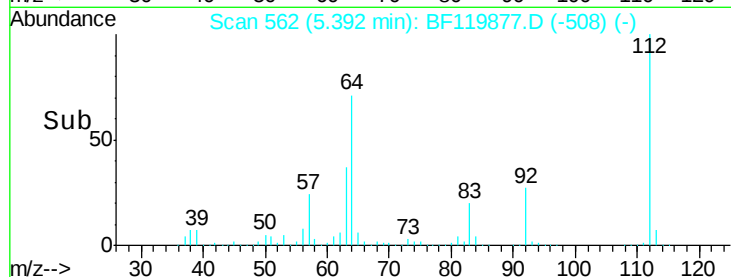
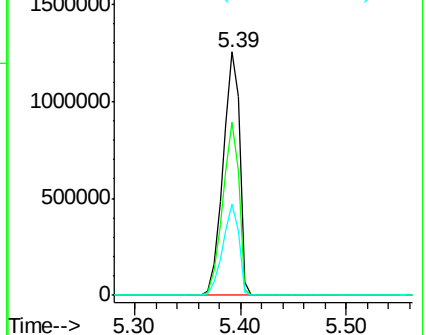
63 37.4 29.1 43.7



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: 24.072 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

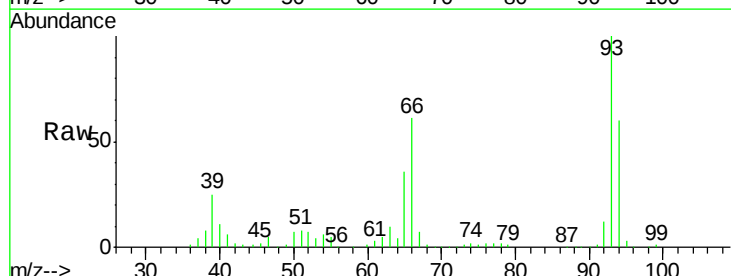
Tgt Ion: 93 Resp: 449675

Ion Ratio Lower Upper

93 100

66 60.5 34.2 51.2#

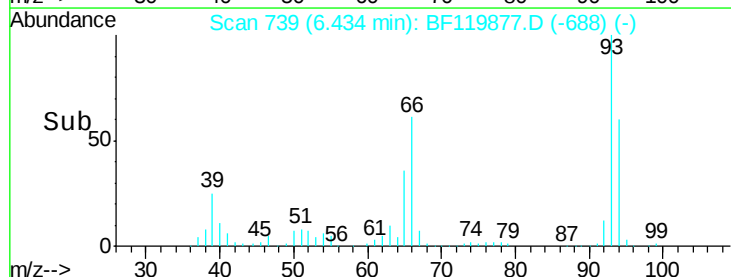
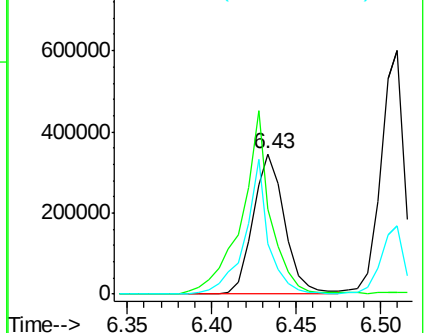
65 35.8 18.3 27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.366 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

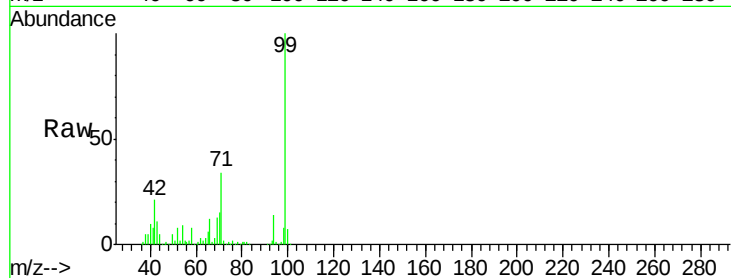
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1770025

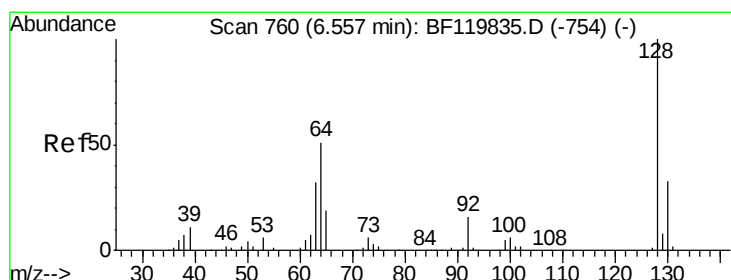
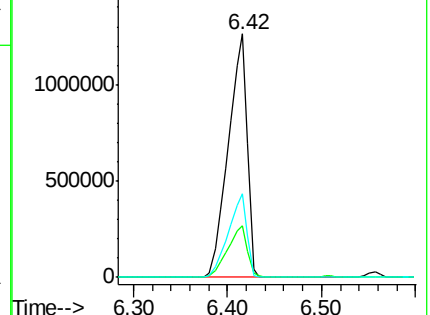
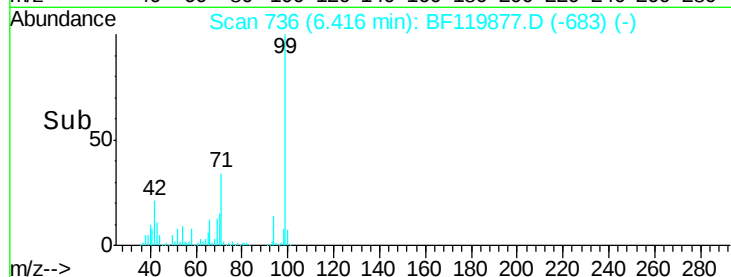
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.9	25.3
71	34.4	26.3	39.5



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: 45.398 ng

RT: 6.56 min Scan# 760

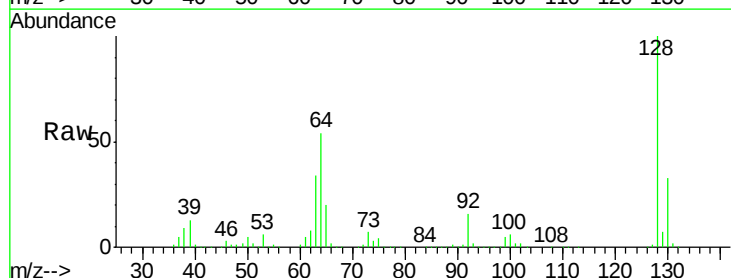
Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Tgt Ion:128 Resp: 560271

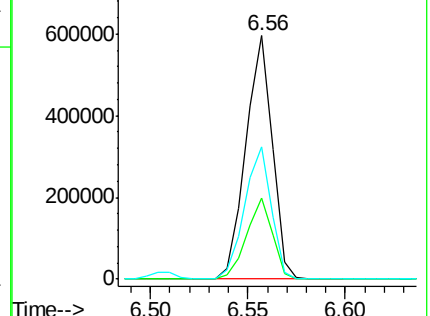
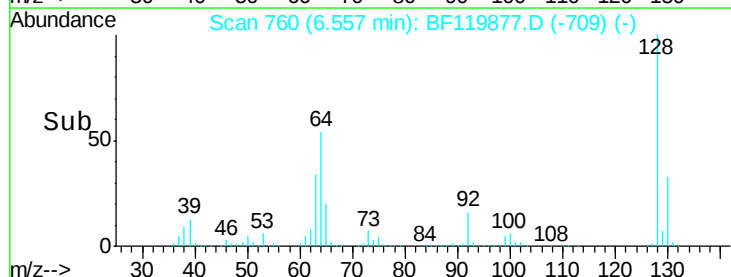
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	54.3	32.0	72.0

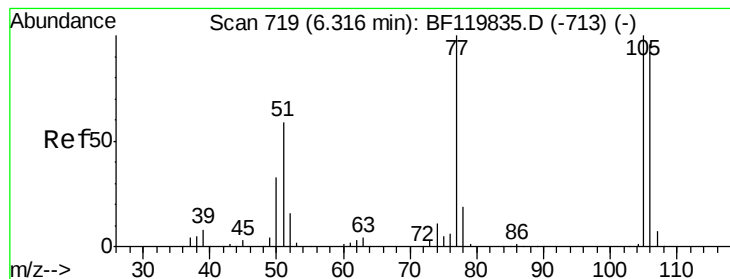


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.099 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

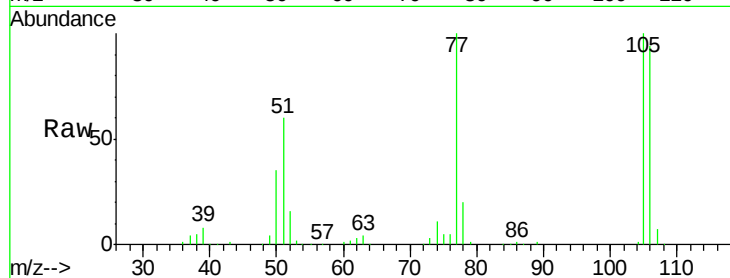
Tot Ion: 77 Resp: 282546

Ion Ratio Lower Upper

77 100

105 99.8 79.9 119.9

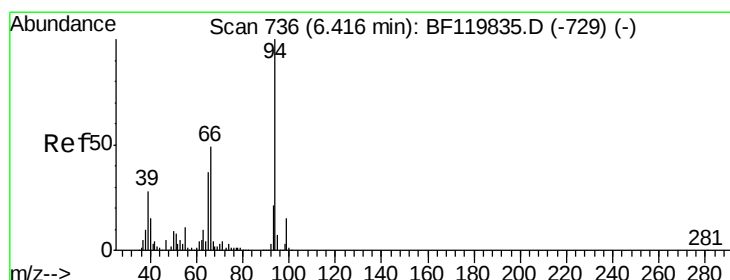
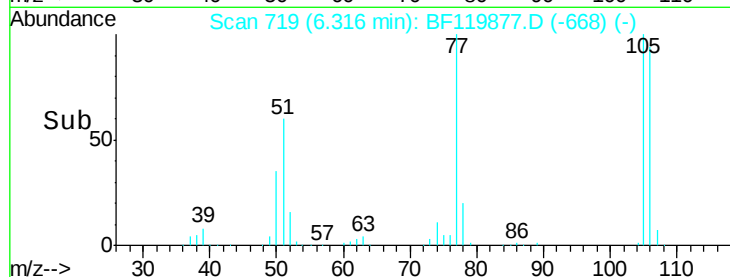
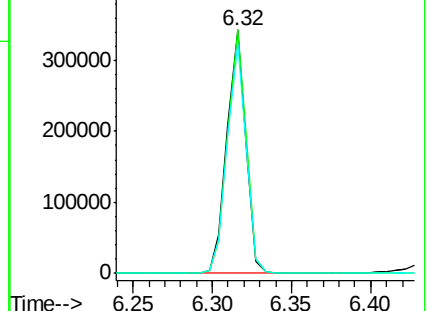
106 94.4 76.4 116.4



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: 42.303 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

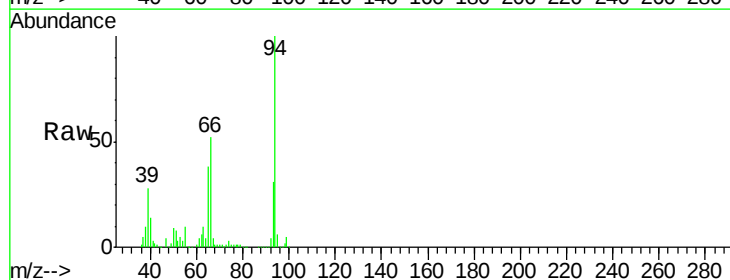
Tgt Ion: 94 Resp: 683051

Ion Ratio Lower Upper

94 100

65 37.6 16.6 56.6

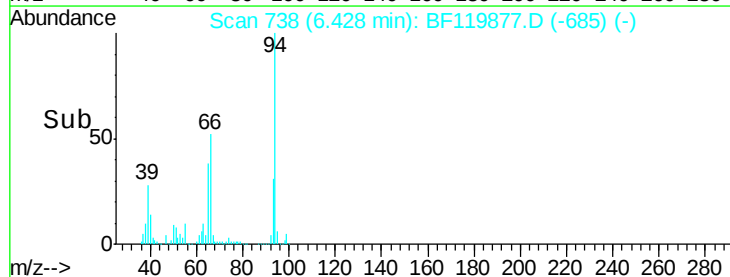
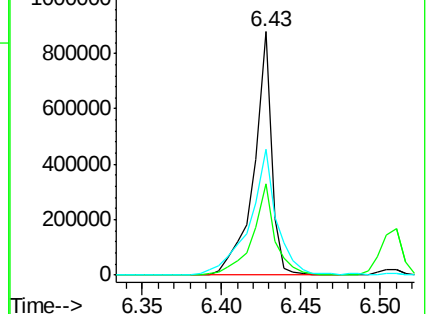
66 51.6 29.3 69.3

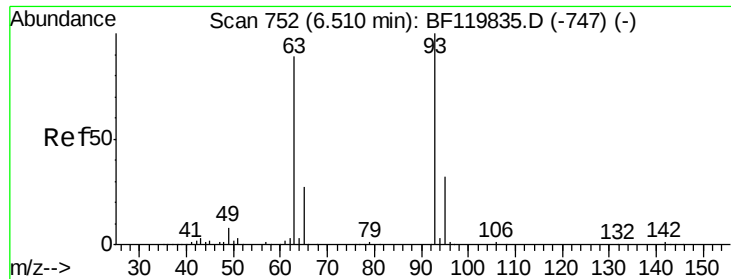


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.716 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

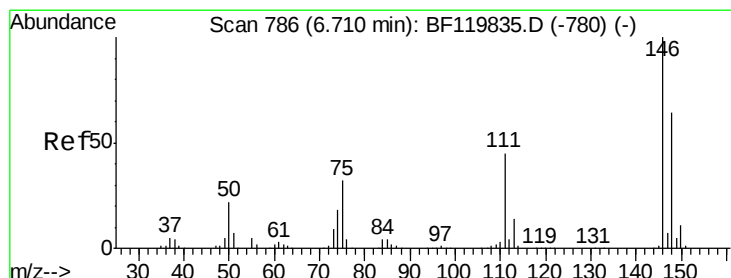
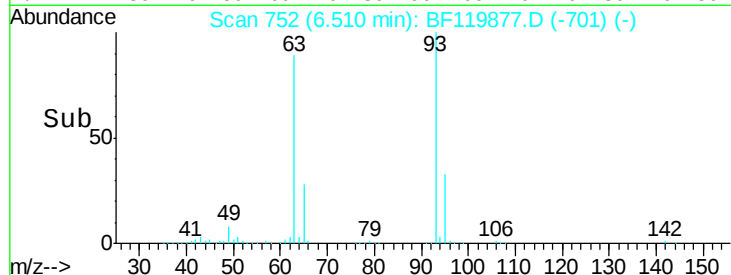
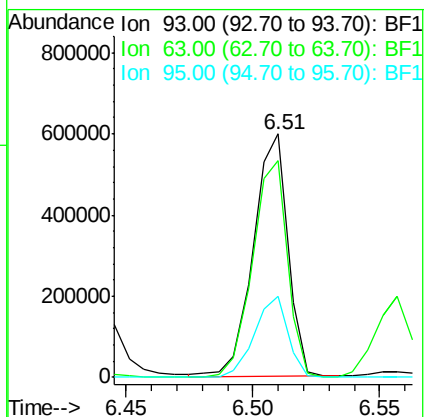
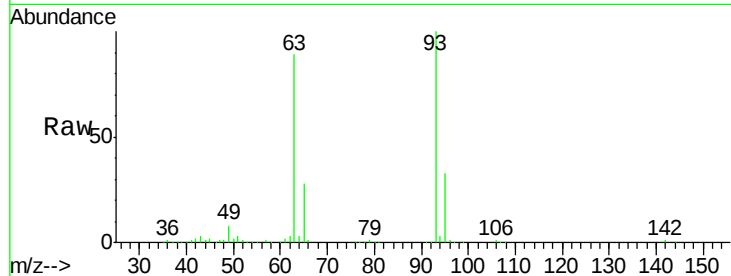
Tot Ion: 93 Resp: 569938

Ion Ratio Lower Upper

93 100

63 89.1 69.1 109.1

95 33.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 47.107 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

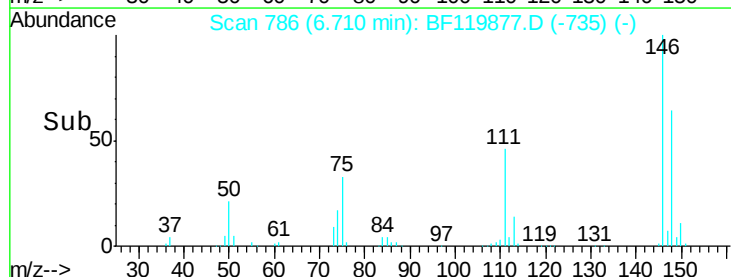
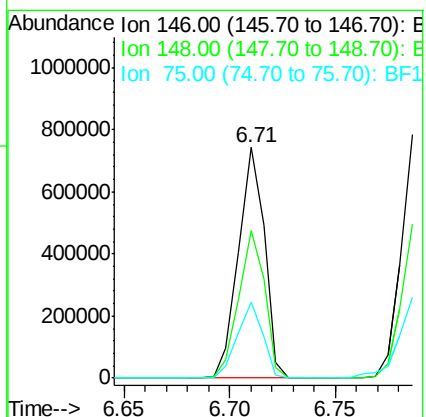
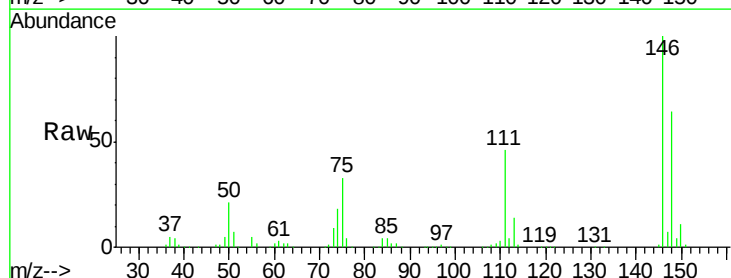
Tgt Ion: 146 Resp: 636466

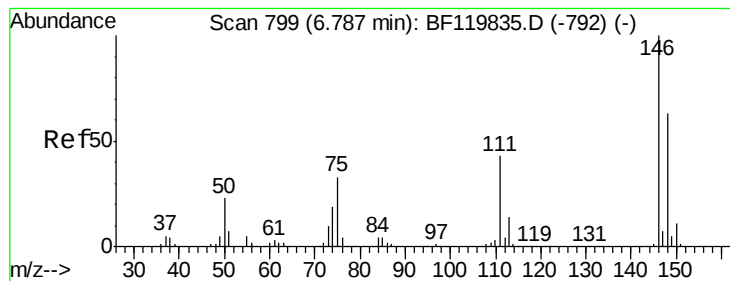
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

75 33.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 47.272 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampled :

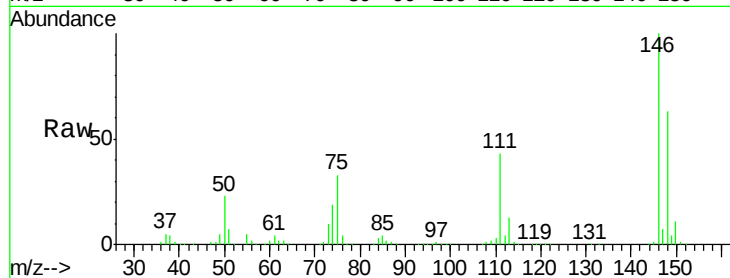
Tot Ion:146 Resp: 650613

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

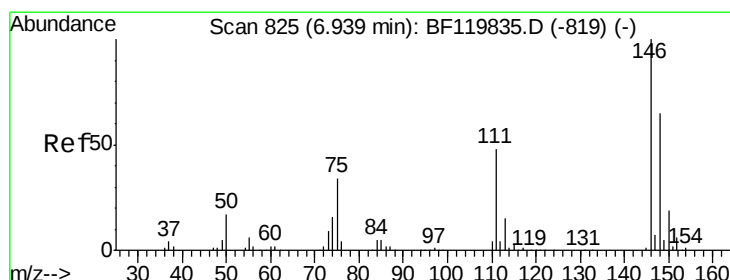
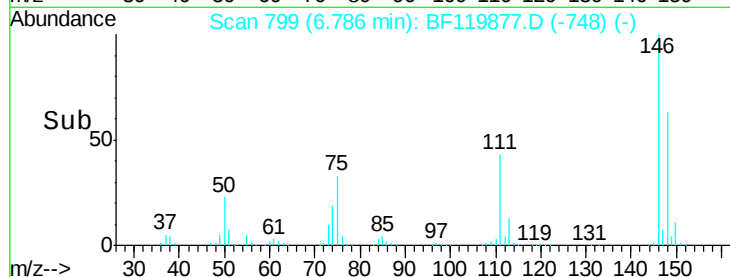
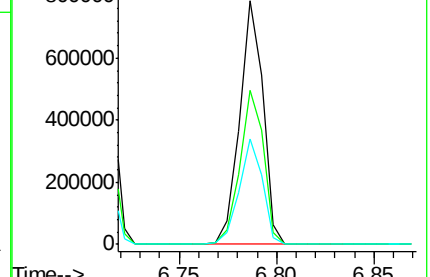
111 43.0 34.7 52.1



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: 47.502 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

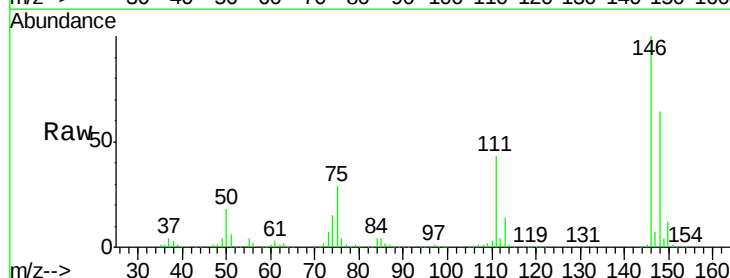
Tgt Ion:146 Resp: 602517

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

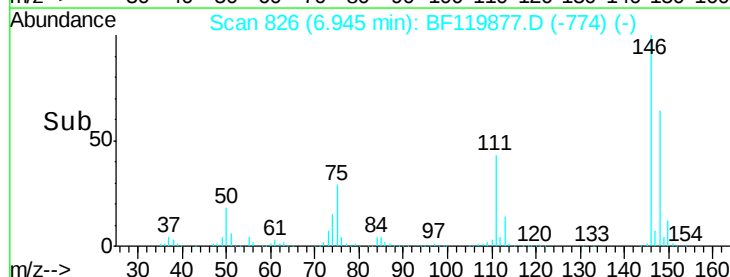
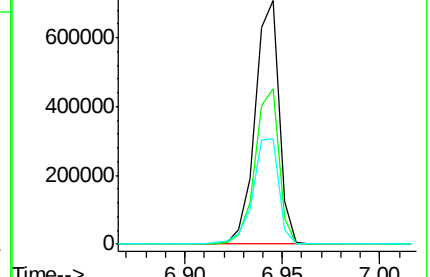
111 43.4 38.0 57.0

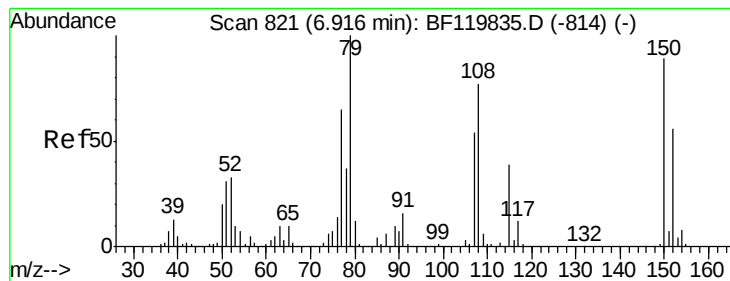


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.544 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

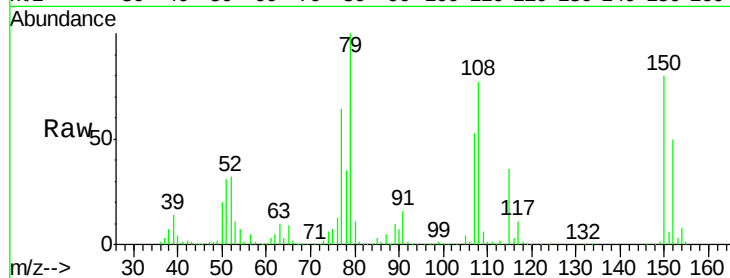
Tot Ion: 79 Resp: 514513

Ion Ratio Lower Upper

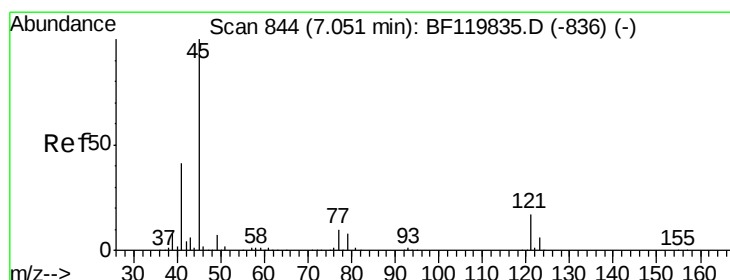
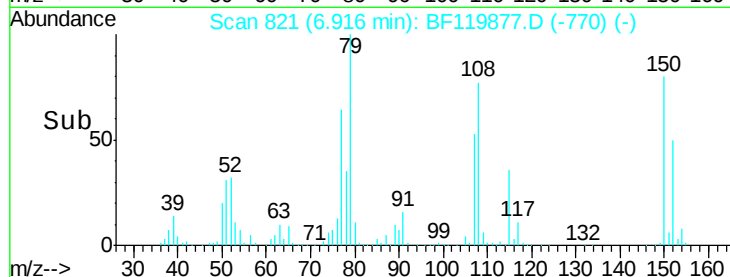
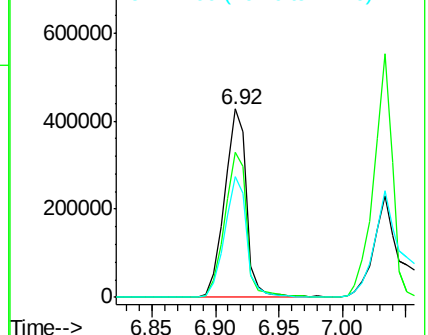
79 100

108 76.7 62.0 93.0

77 64.0 51.8 77.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.544 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

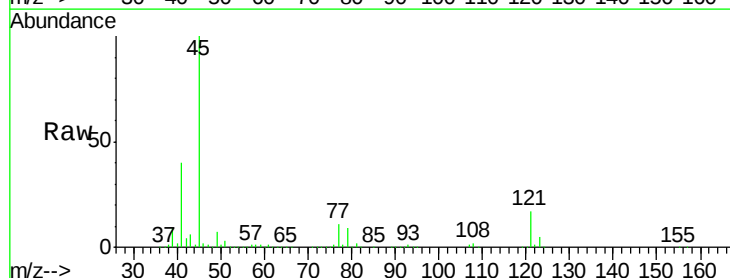
Tgt Ion: 45 Resp: 1080632

Ion Ratio Lower Upper

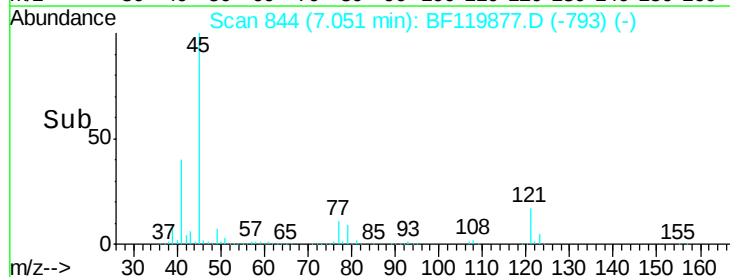
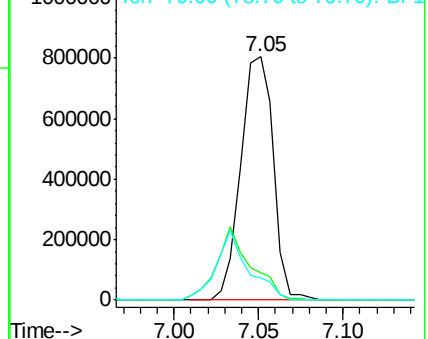
45 100

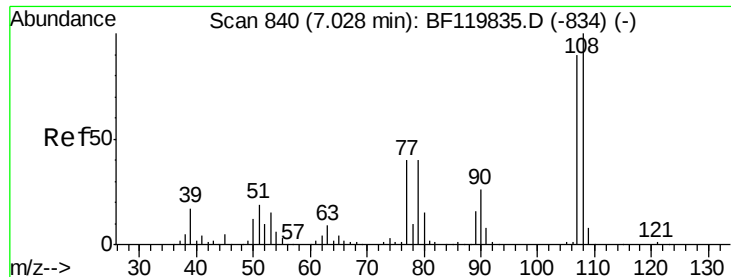
77 11.4 0.0 30.7

79 9.1 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

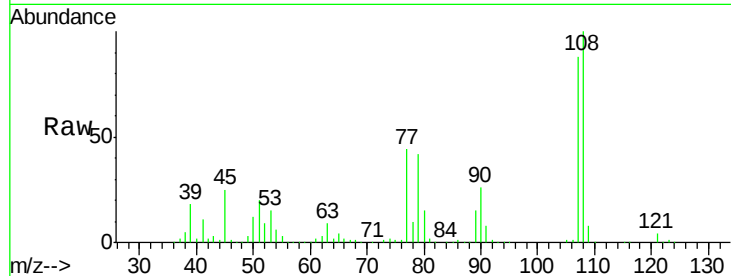




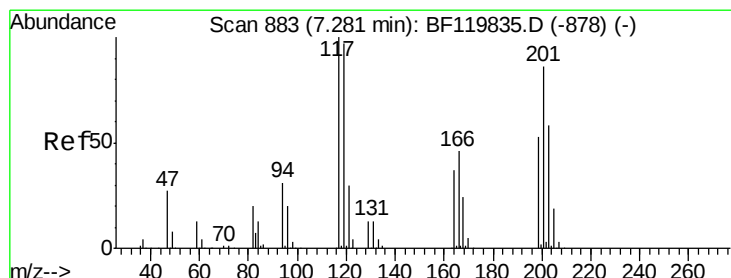
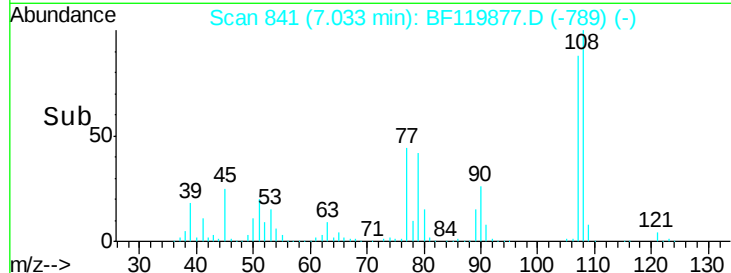
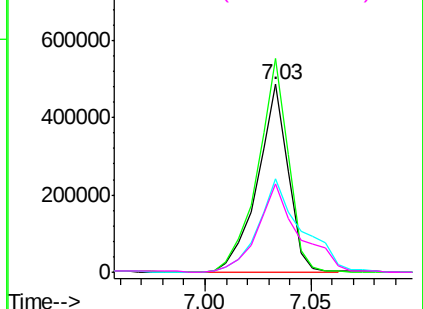
#17
2-Methylphenol
Concen: 44.509 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	490199
Ion	Ratio	Lower	Upper
107	100		
108	113.6	88.8	133.2
77	49.8	36.0	54.0
79	47.3	35.7	53.5

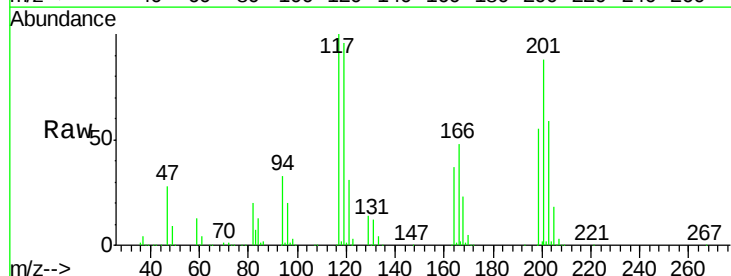


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

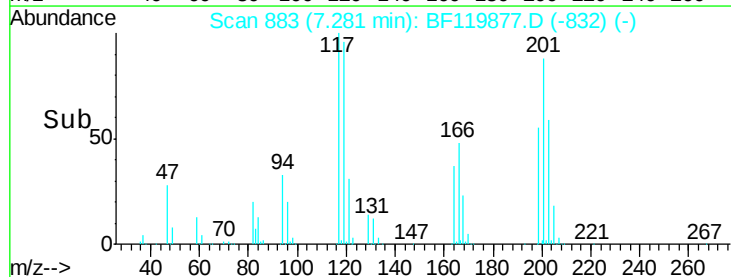
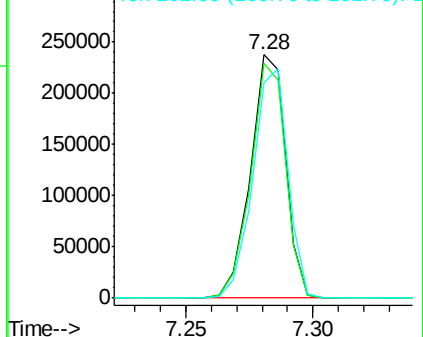


#18
Hexachloroethane
Concen: 44.684 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:	117	Resp:	229841
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	88.3	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

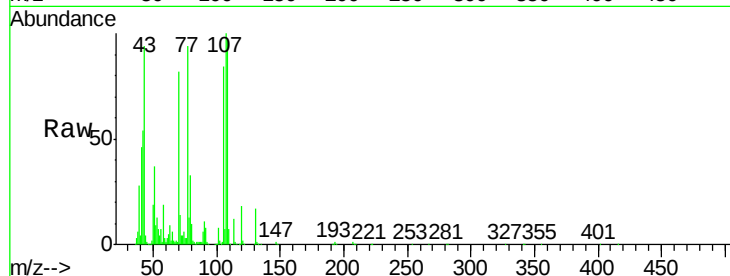




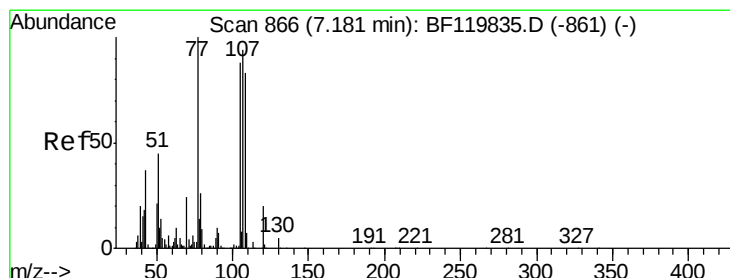
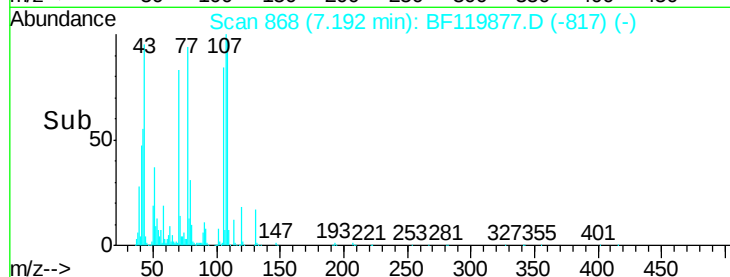
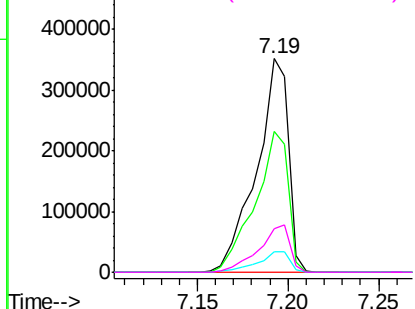
#19
n-Nitroso-di-n-propylamine
Concen: 47.002 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 430166
Ion Ratio Lower Upper
70 100
42 66.2 54.2 81.4
101 9.5 7.4 11.2
130 20.3 17.8 26.6

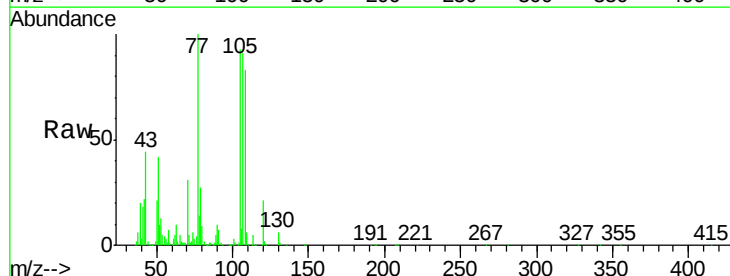


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

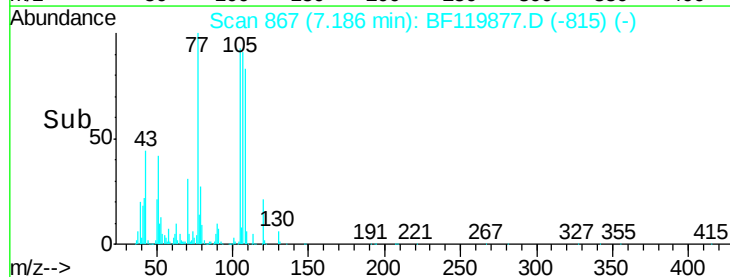
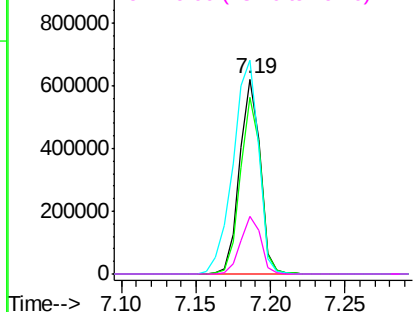


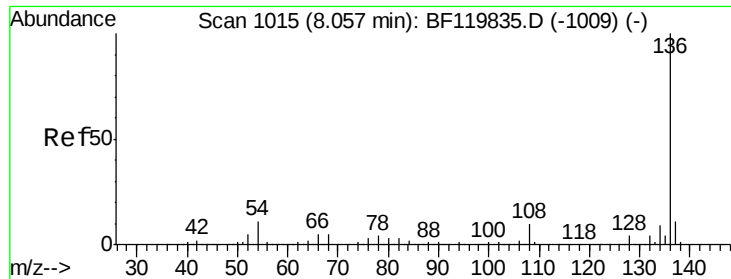
#20
3+4-Methylphenols
Concen: 44.268 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:107 Resp: 596282
Ion Ratio Lower Upper
107 100
108 90.8 68.2 108.2
77 109.7 86.6 126.6
79 29.6 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: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 633743

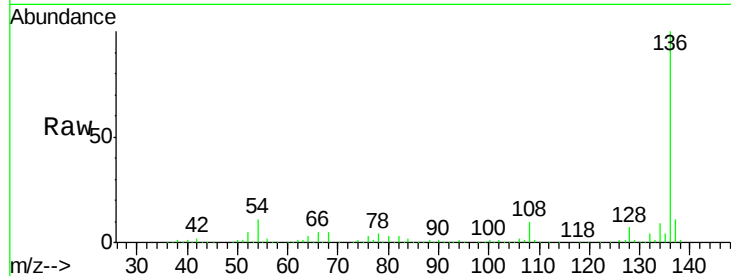
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.0 8.5 12.7

68 5.3 3.9 5.9

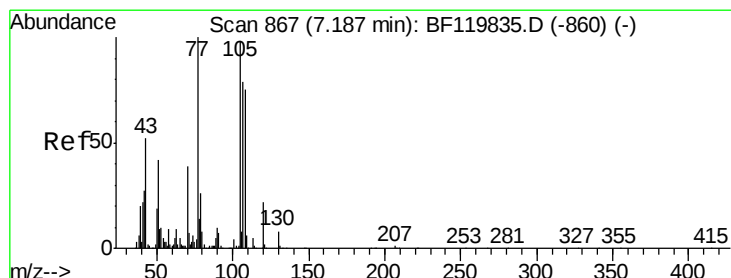
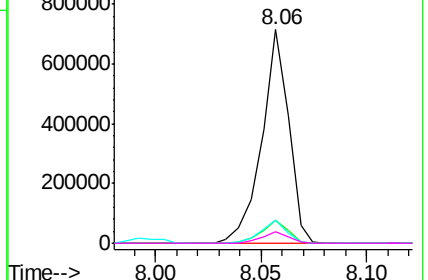
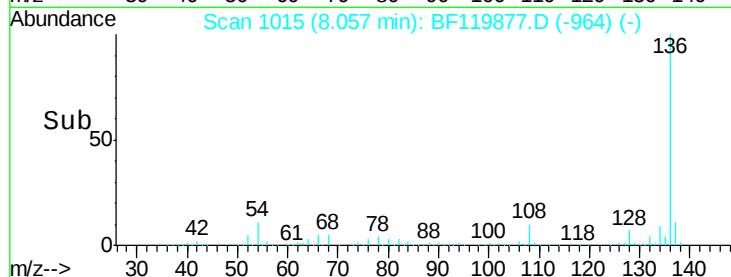


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.703 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Tgt Ion:105 Resp: 811813

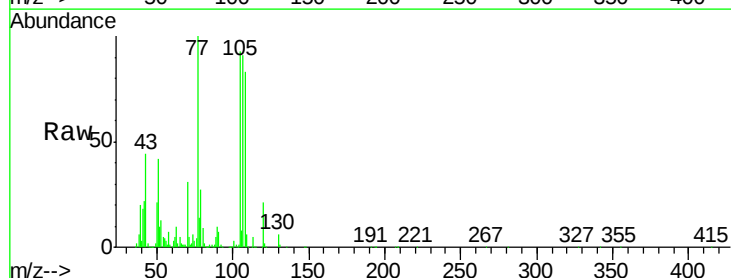
Ion Ratio Lower Upper

105 100

71 5.7 5.6 8.4

51 45.4 33.9 50.9

120 22.4 17.8 26.8

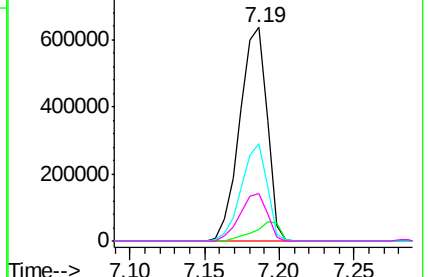
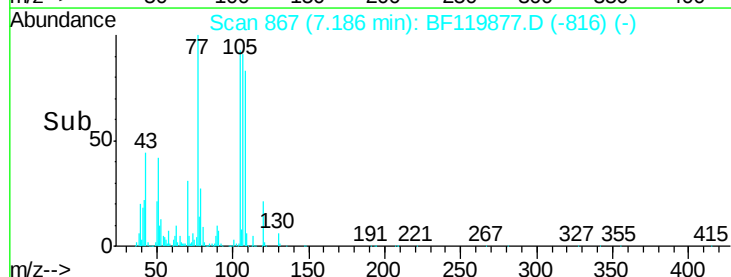


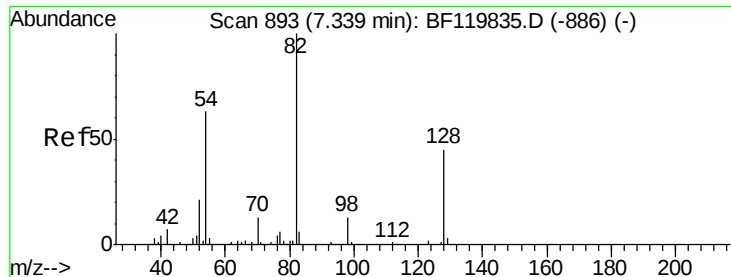
Abundance Ion 105.00 (104.70 to 105.70): E

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

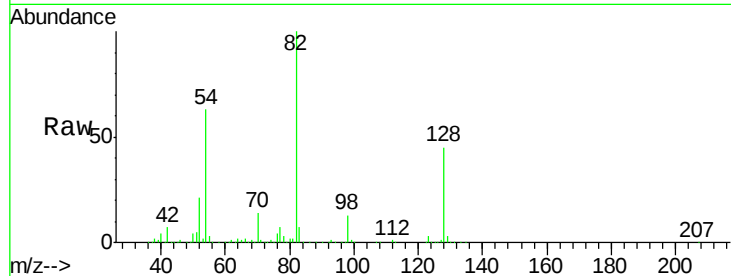




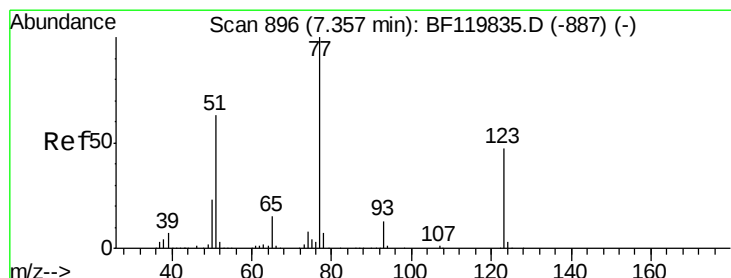
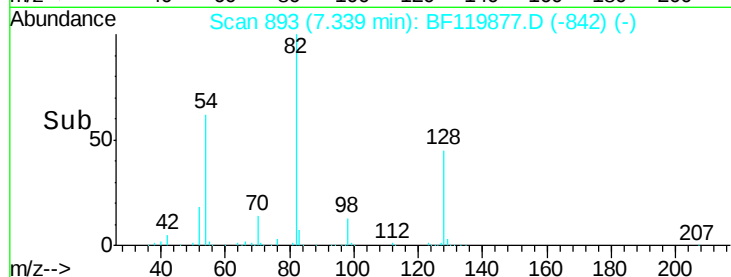
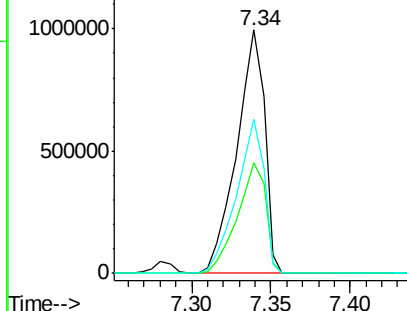
#23
 Nitrobenzene-d5
 Concen: 98.869 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1211162
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.2 54.4
 54 63.2 50.4 75.6

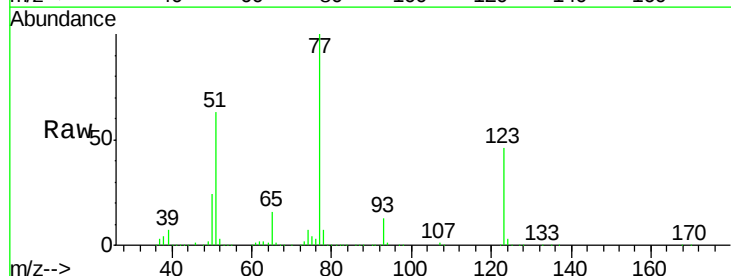


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

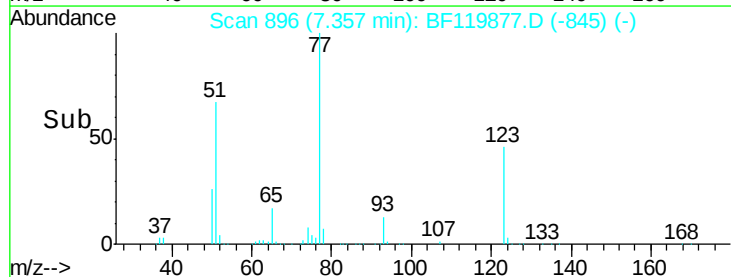
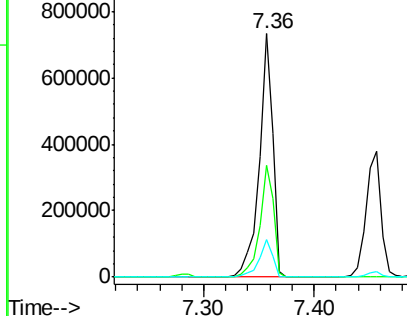


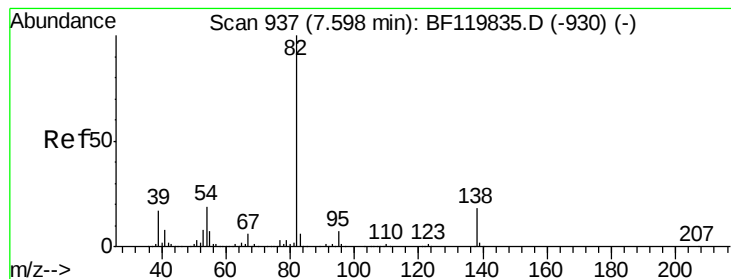
#24
 Nitrobenzene
 Concen: 51.489 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion: 77 Resp: 634510
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.8 56.8
 65 15.6 12.2 18.2



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





#25

Isophorone

Concen: 43.209 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

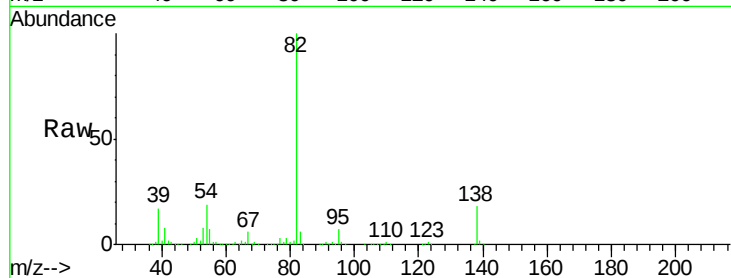
Tot Ion: 82 Resp: 1020358

Ion Ratio Lower Upper

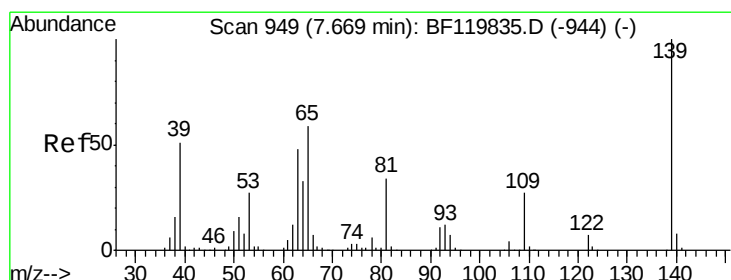
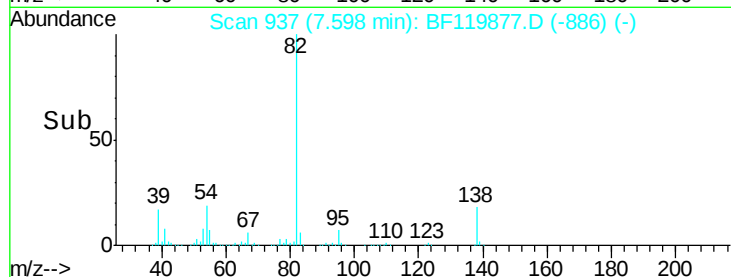
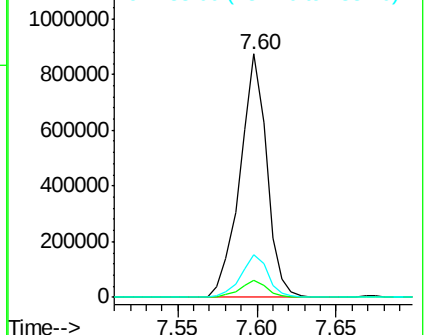
82 100

95 6.9 5.8 8.6

138 17.7 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: 44.955 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

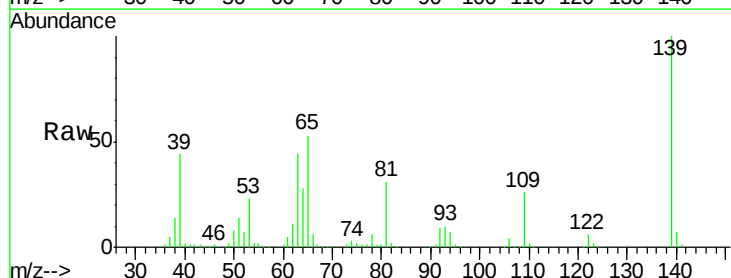
Tgt Ion: 139 Resp: 276773

Ion Ratio Lower Upper

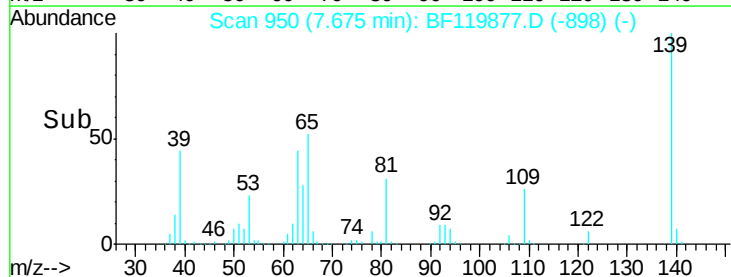
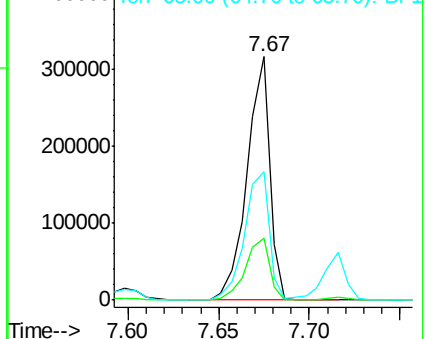
139 100

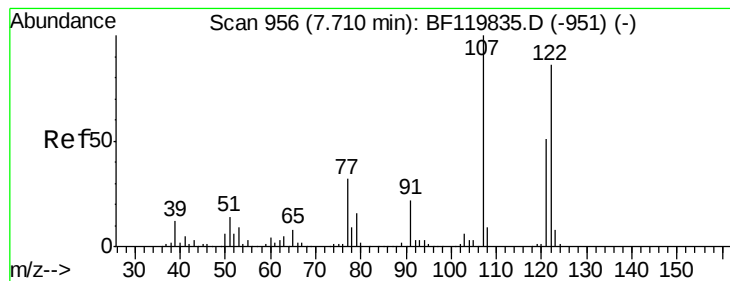
109 25.5 21.8 32.6

65 53.0 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

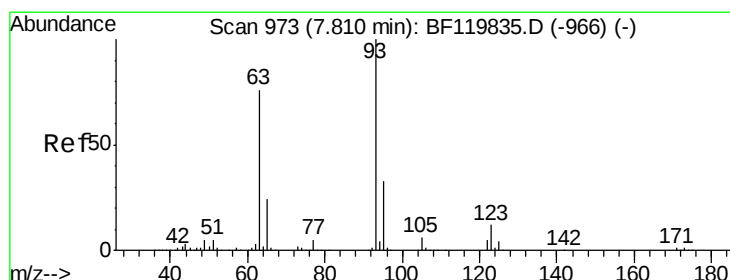
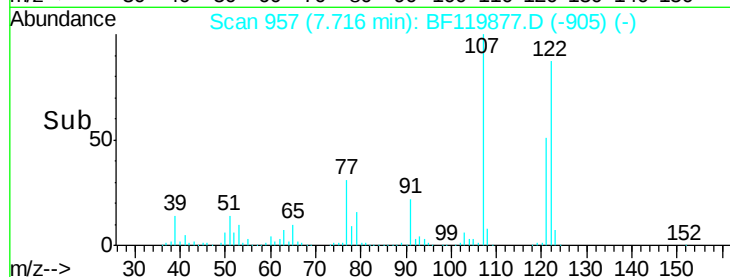
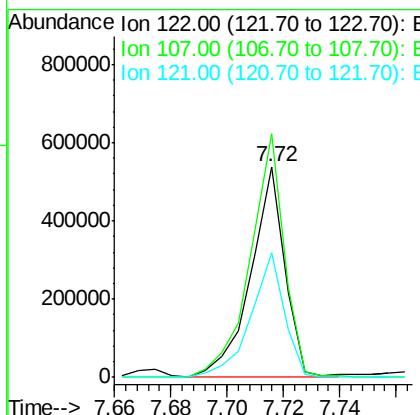
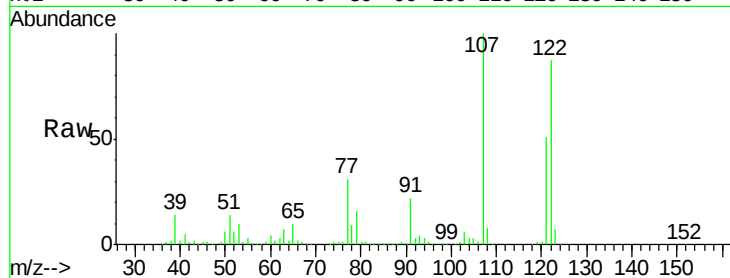




#27
 2,4-Dimethylphenol
 Concen: 48.780 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

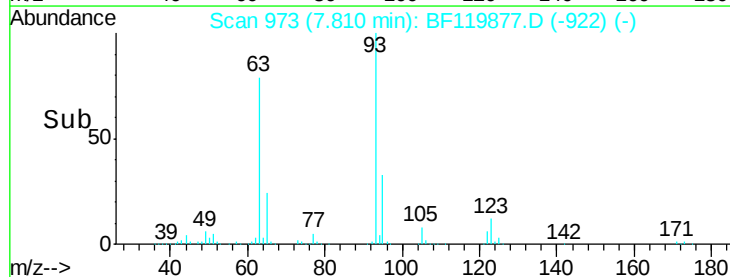
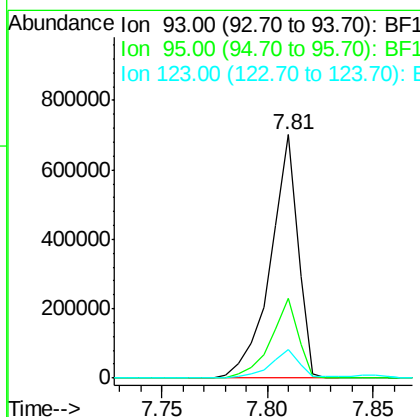
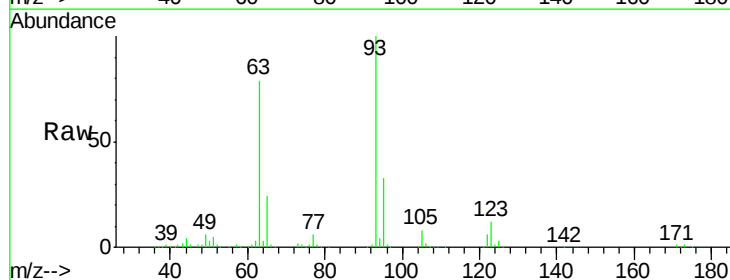
Instrument :
 BNA_F
 ClientSampled :

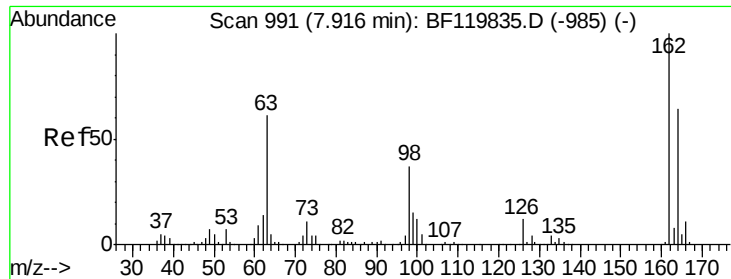
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	115.6	92.3	138.5	
121	59.0	46.6	70.0	



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.831 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.9	26.4	39.6	
123	11.6	9.7	14.5	

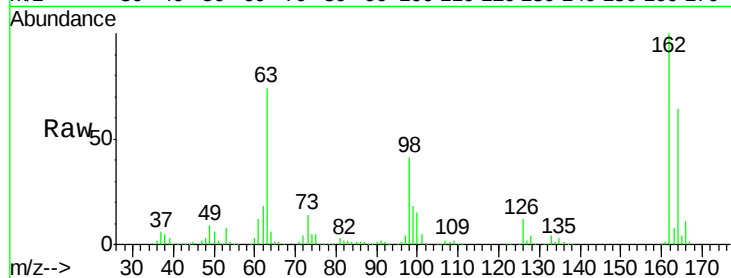




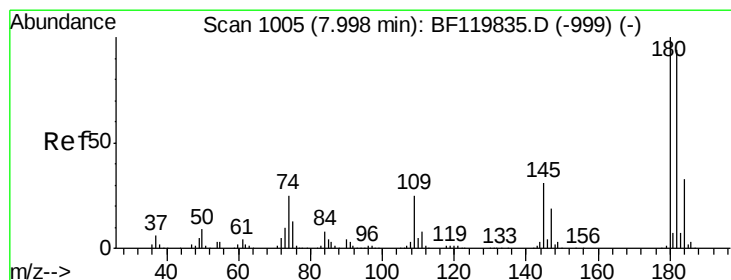
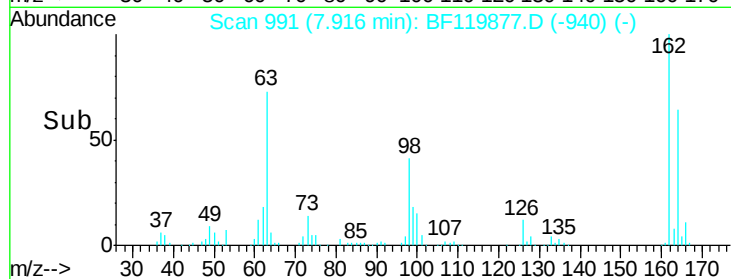
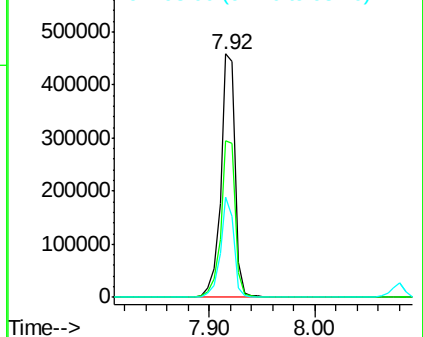
#29
 2,4-Dichlorophenol
 Concen: 46.056 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 438353
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.4 84.4
 98 41.4 17.3 57.3

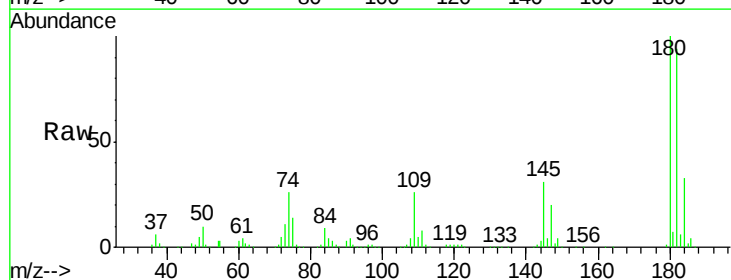


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

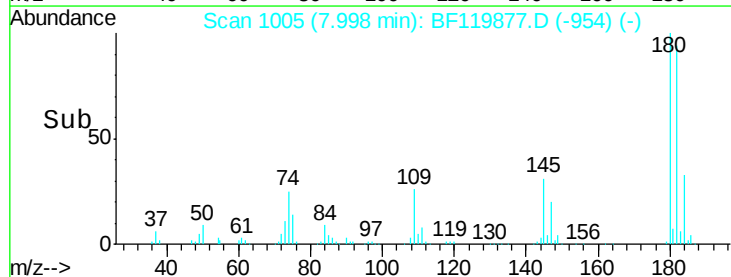
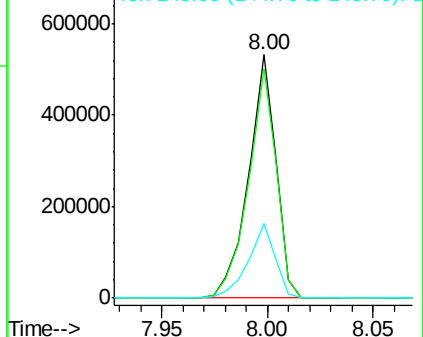


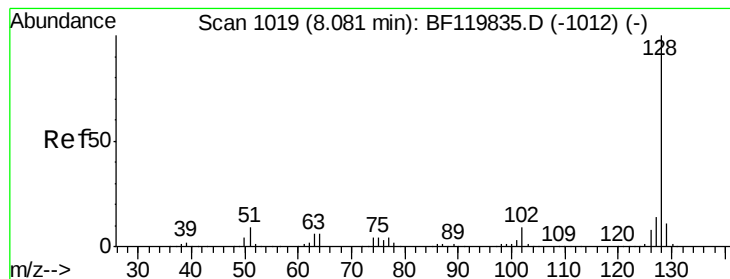
#30
 1,2,4-Trichlorobenzene
 Concen: 44.862 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion:180 Resp: 483813
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.4 113.0
 145 30.7 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.444 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

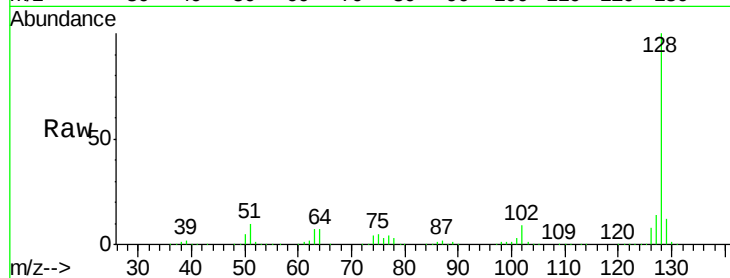
Tot Ion:128 Resp: 1548576

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

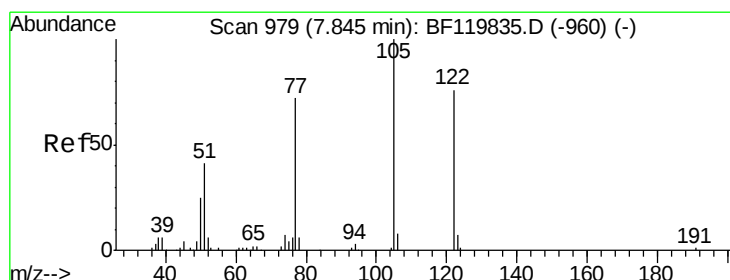
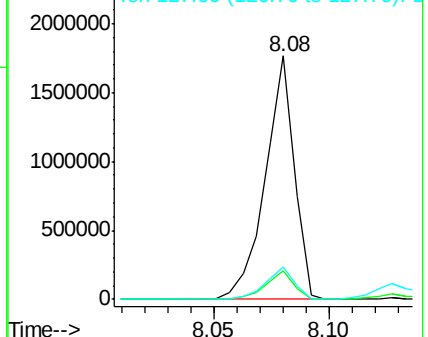
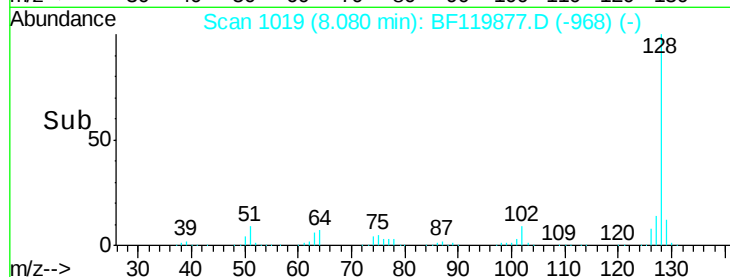
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.424 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

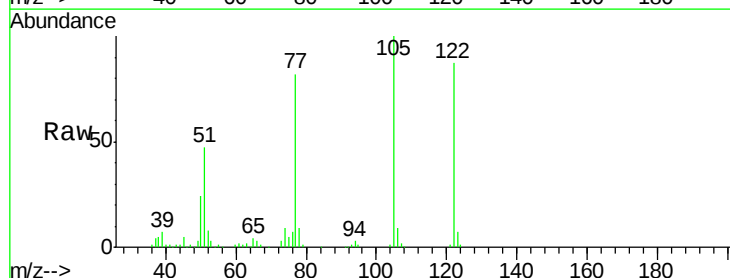
Tgt Ion:122 Resp: 321500

Ion Ratio Lower Upper

122 100

105 115.5 106.7 146.7

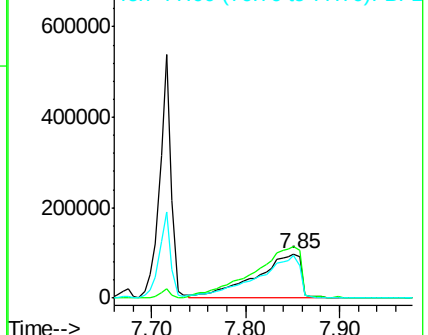
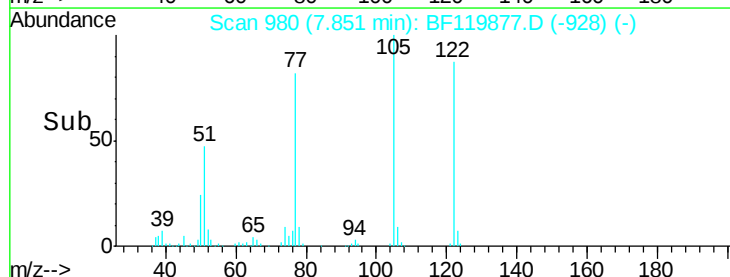
77 95.2 72.1 112.1

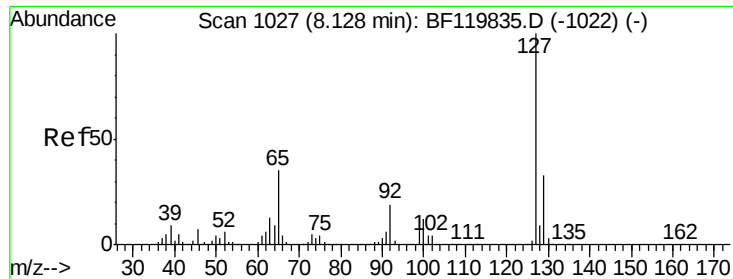


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

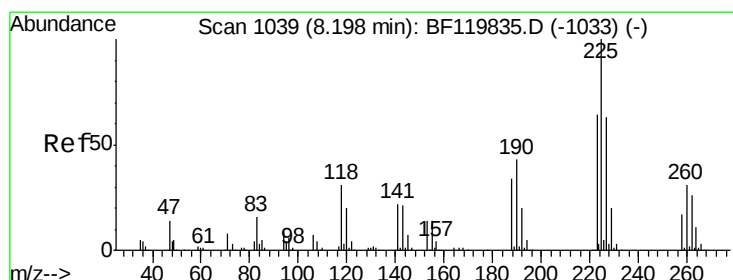
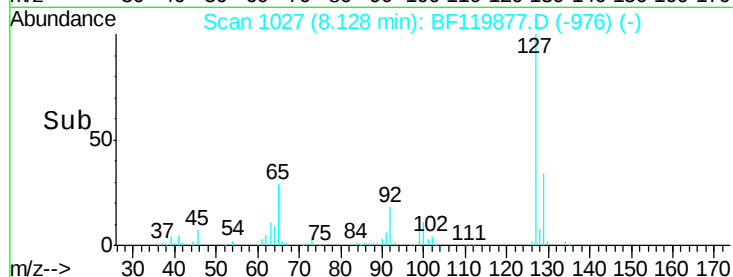
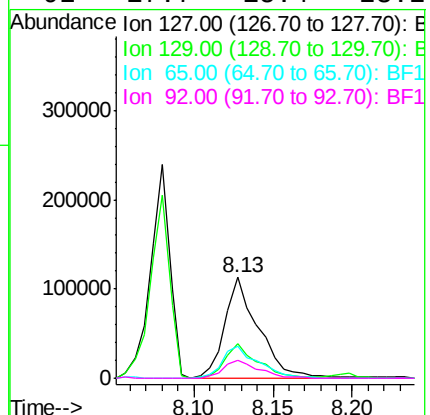
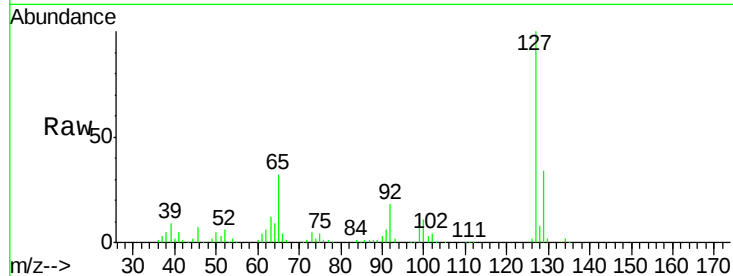




#33
4-Chloroaniline
Concen: 11.394 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

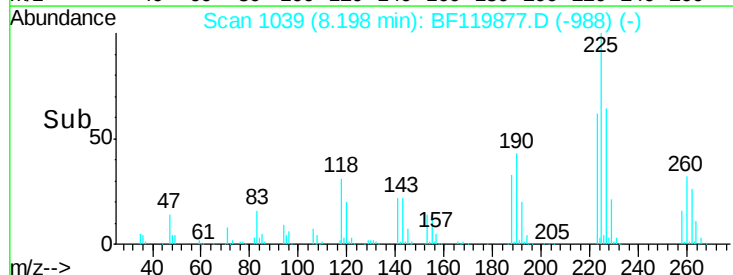
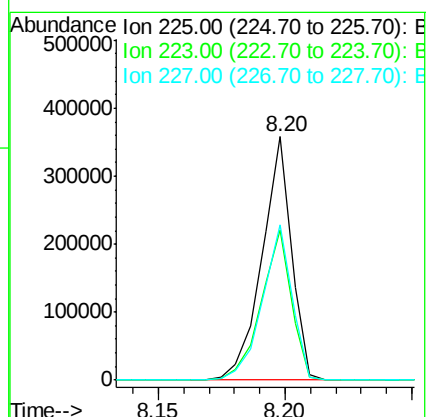
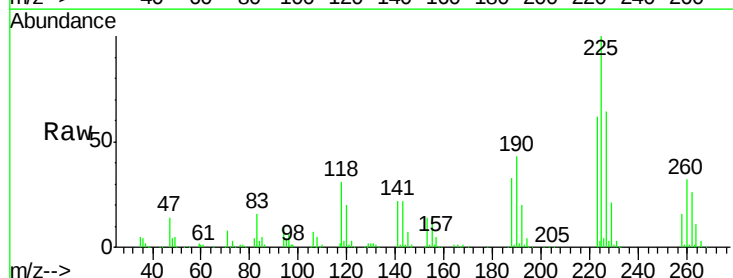
Instrument :
BNA_F
ClientSampleId :

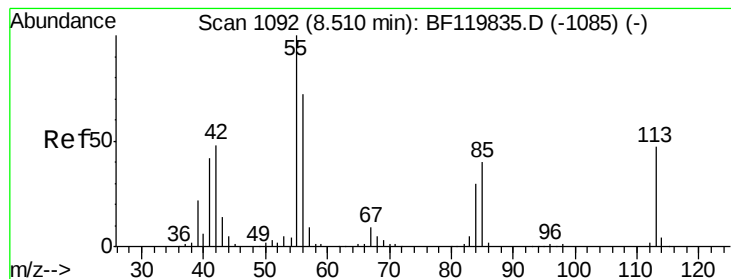
Tot Ion:	127	Resp:	165385
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	31.7	28.3	42.5
92	17.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.269 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:	225	Resp:	292242
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.6	50.4	75.6





#35

Caprolactam

Concen: 30.495 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

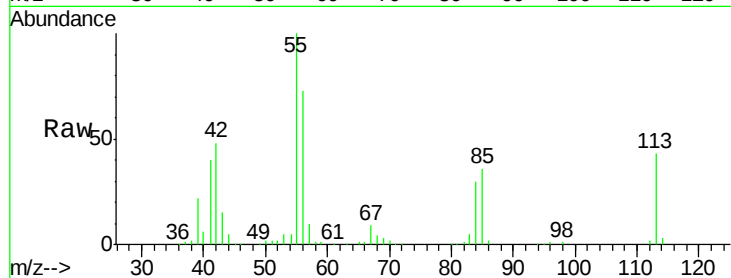
Tot Ion:113 Resp: 88785

Ion Ratio Lower Upper

113 100

55 230.1 192.7 232.7

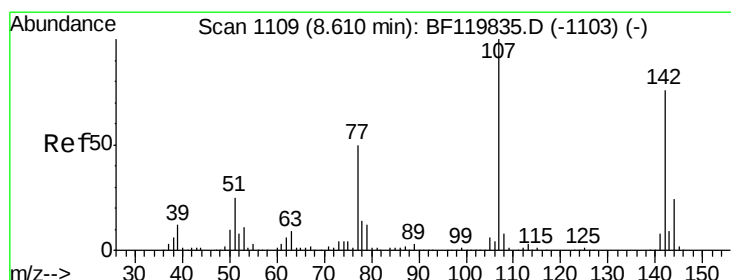
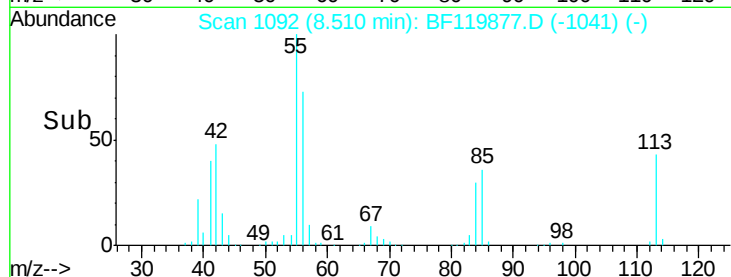
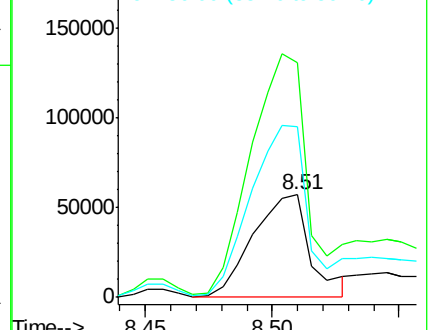
56 167.6 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.636 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

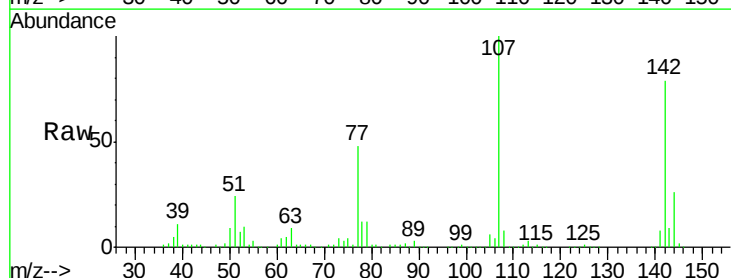
Tgt Ion:107 Resp: 470257

Ion Ratio Lower Upper

107 100

144 26.1 19.5 29.3

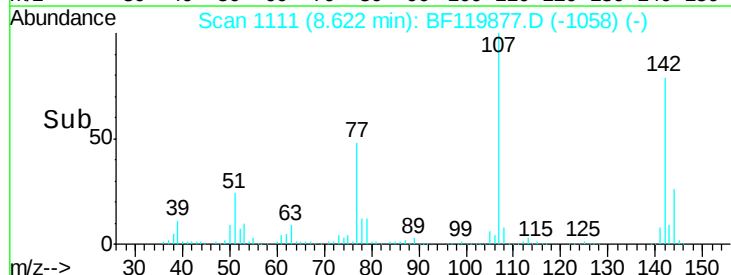
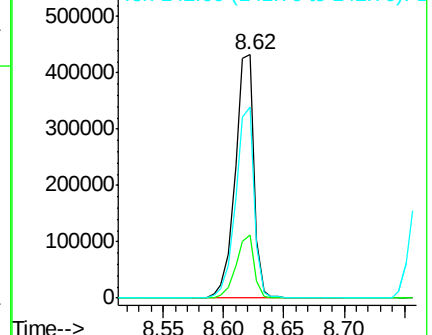
142 78.7 60.5 90.7

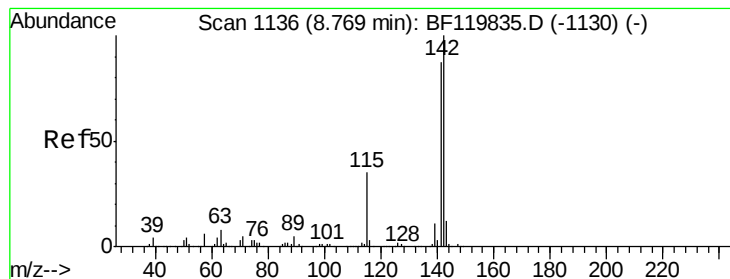


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

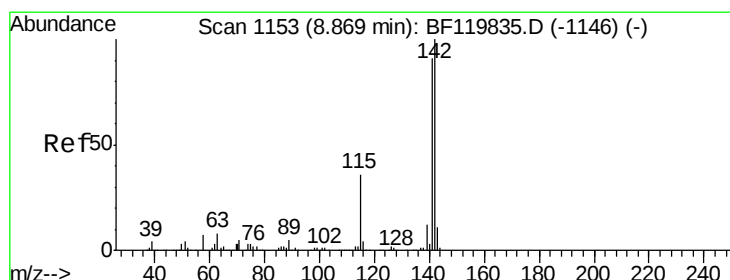
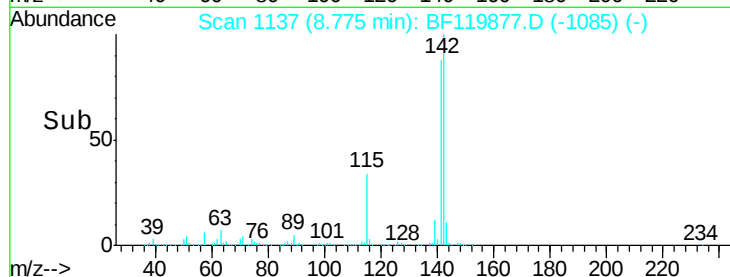
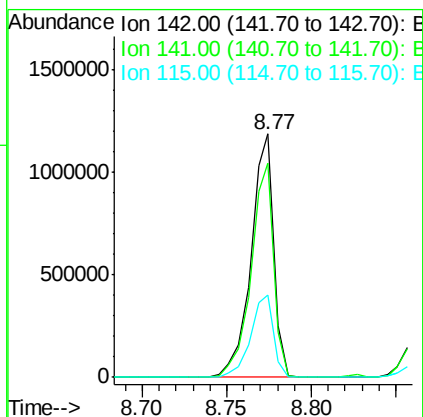
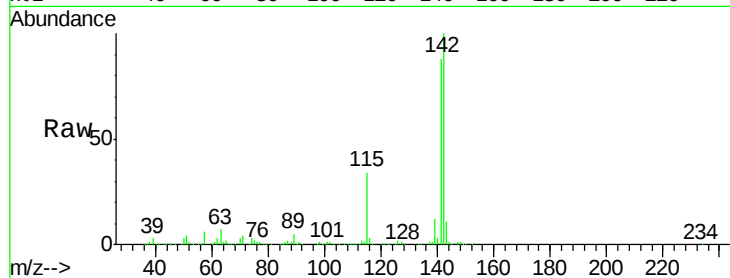




#37
2-Methylnaphthalene
Concen: 49.221 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

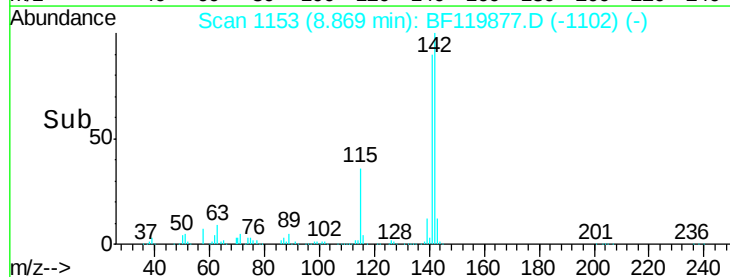
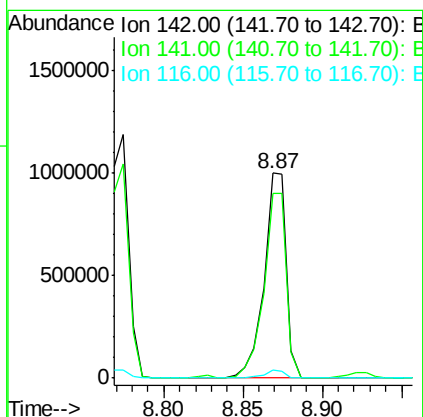
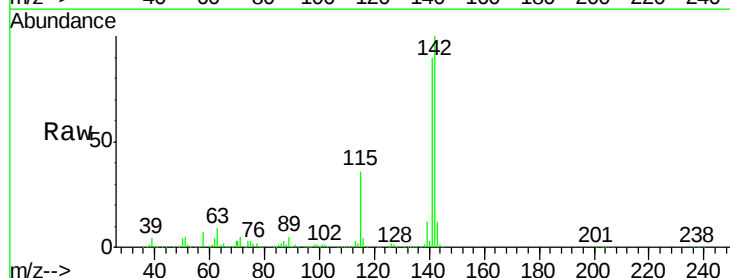
Instrument :
BNA_F
ClientSampleId :

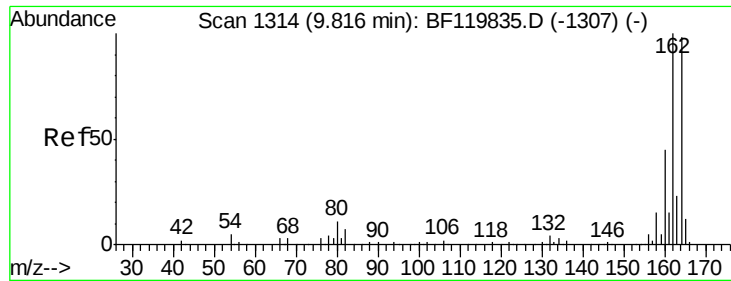
Tot Ion:142 Resp: 1112677
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9
115 34.1 28.0 42.0



#38
1-Methylnaphthalene
Concen: 46.048 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:142 Resp: 981131
Ion Ratio Lower Upper
142 100
141 89.9 72.9 109.3
116 4.0 3.0 4.6

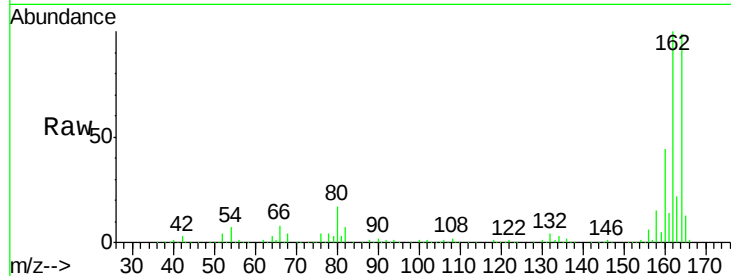




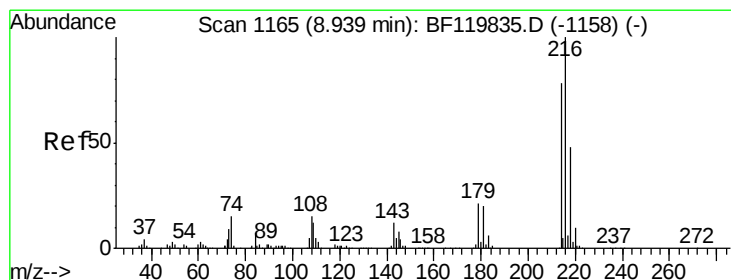
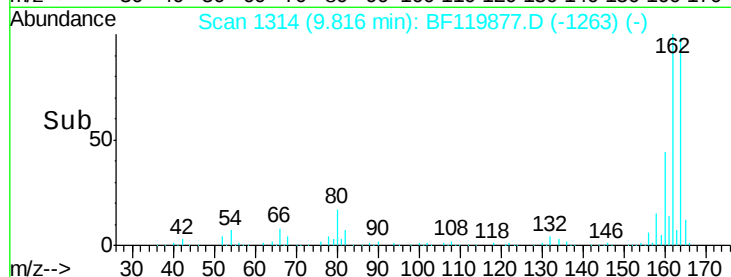
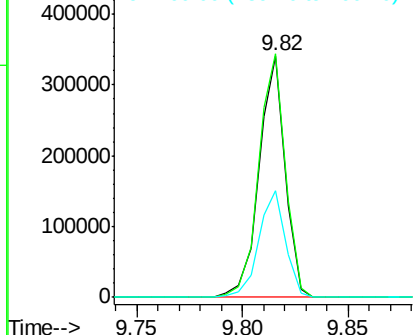
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 293703
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 44.3 36.6 54.8

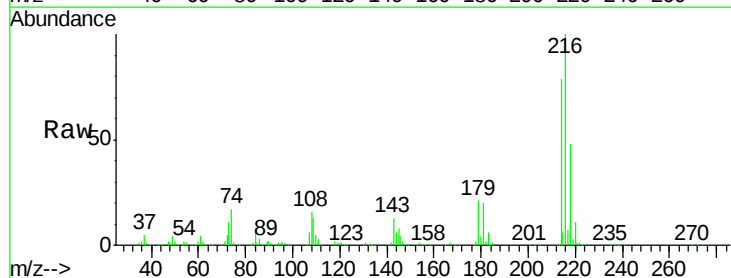


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

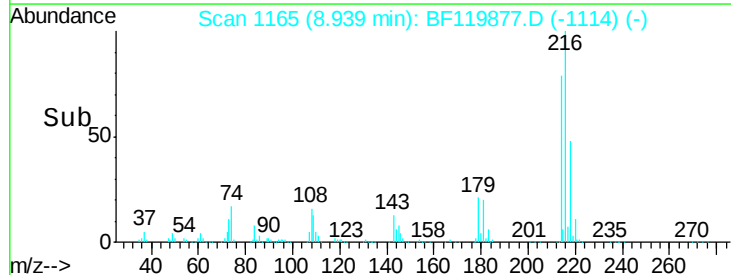
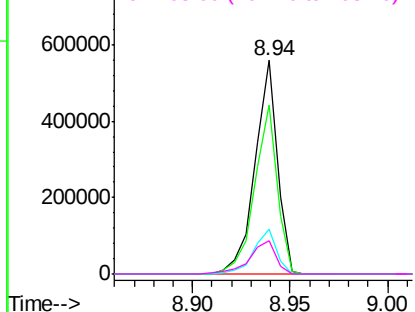


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.222 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:216 Resp: 447324
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 21.2 17.0 25.4
108 18.1 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.603 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampled :

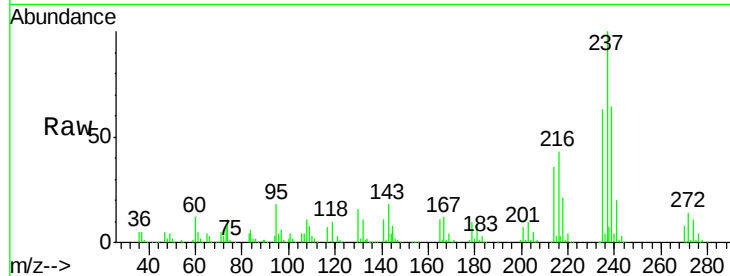
Tot Ion:237 Resp: 240554

Ion Ratio Lower Upper

237 100

235 62.8 44.9 84.9

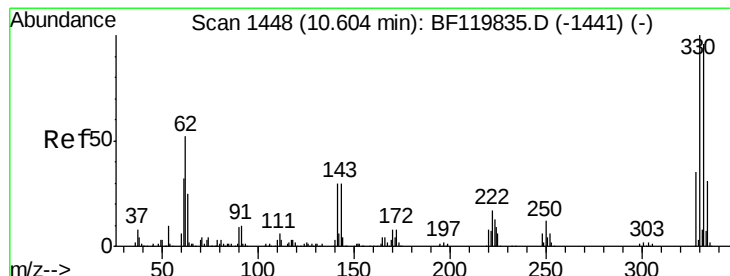
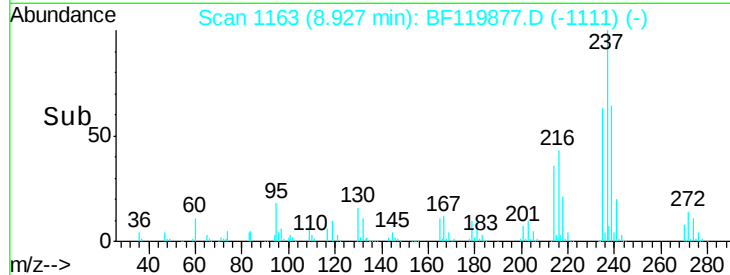
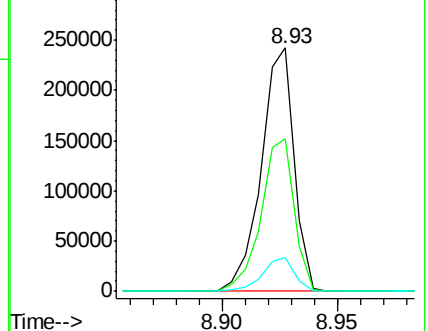
272 14.0 0.0 33.6



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: 118.288 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

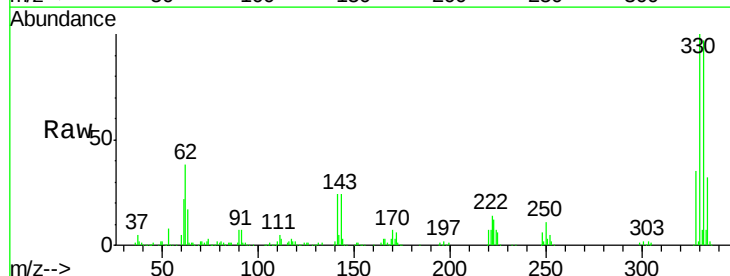
Tgt Ion:330 Resp: 425354

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

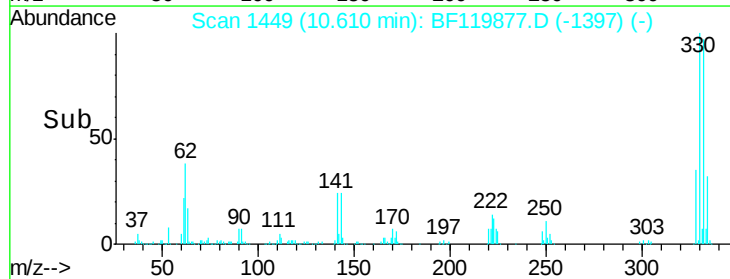
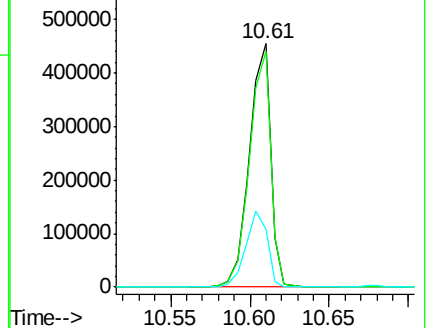
141 31.6 25.1 37.7

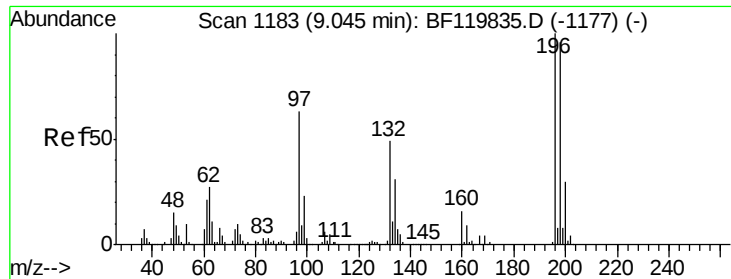


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

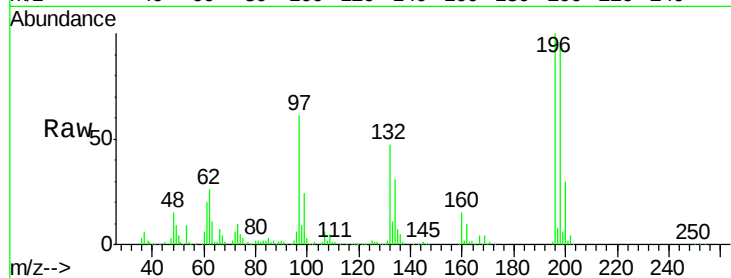




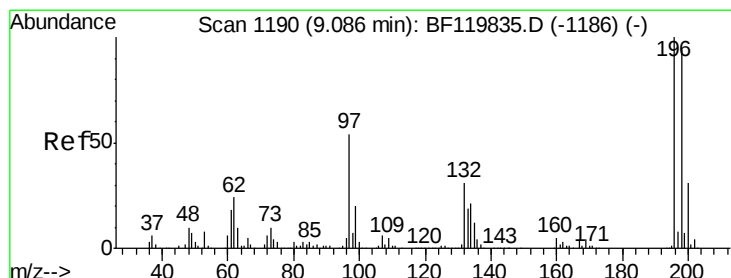
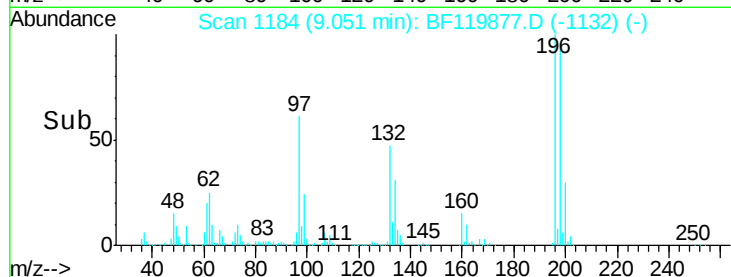
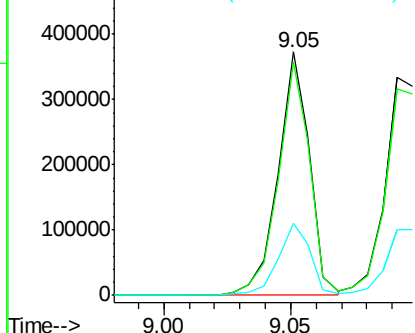
#43
 2,4,6-Trichlorophenol
 Concen: 50.405 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 322883
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.6 115.0
 200 29.8 24.2 36.2

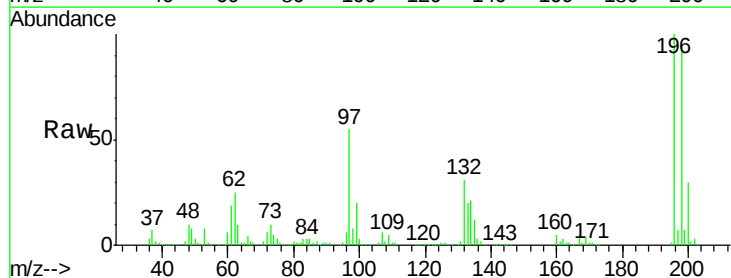


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

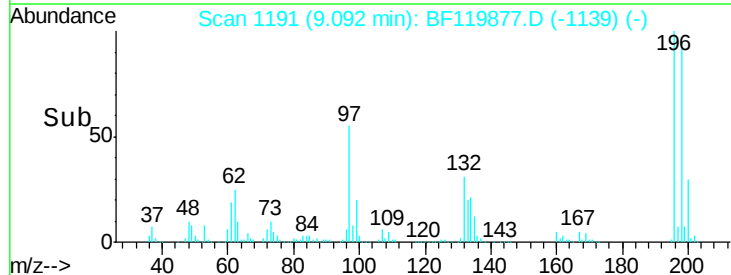
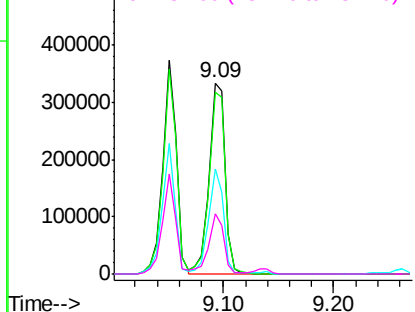


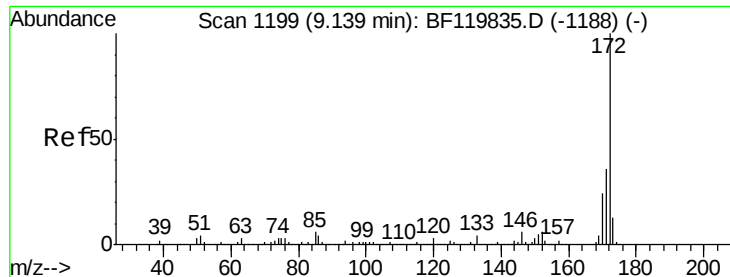
#44
 2,4,5-Trichlorophenol
 Concen: 45.062 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion:196 Resp: 325111
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.1 112.7
 97 54.9 43.4 65.2
 132 31.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

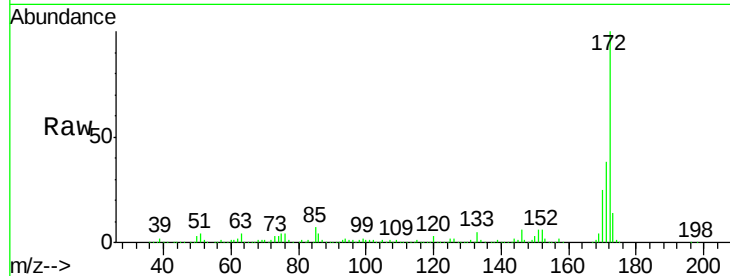




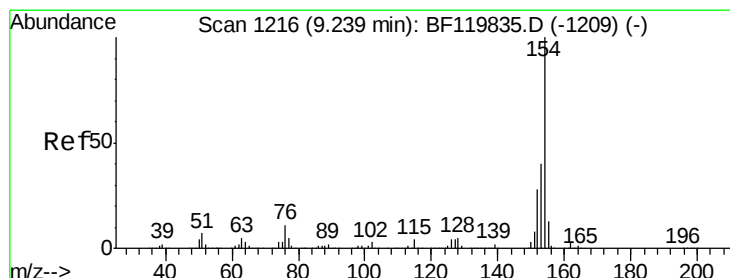
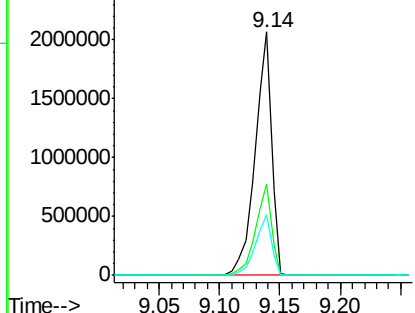
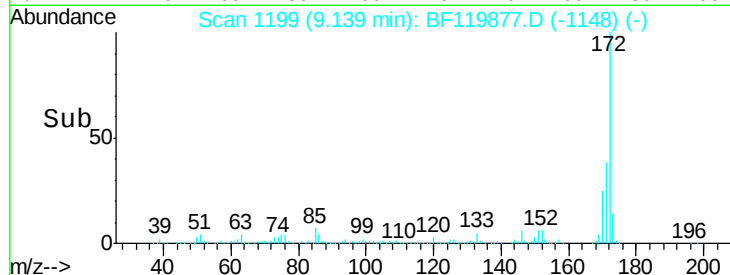
#45
 2-Fluorobiphenyl
 Concen: 95.648 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1978624
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.0 19.4 29.2

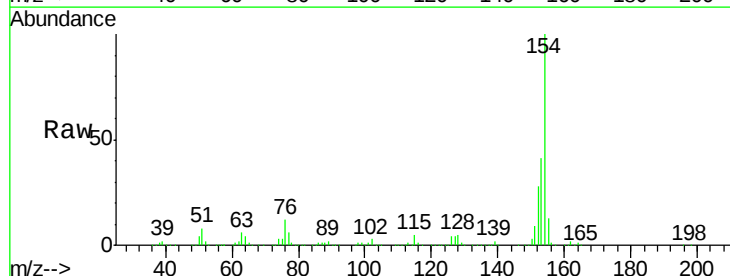


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

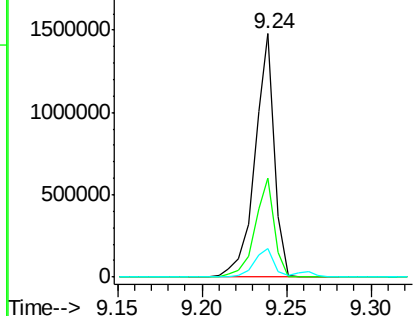
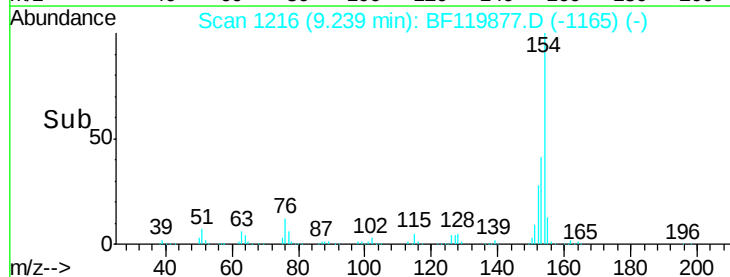


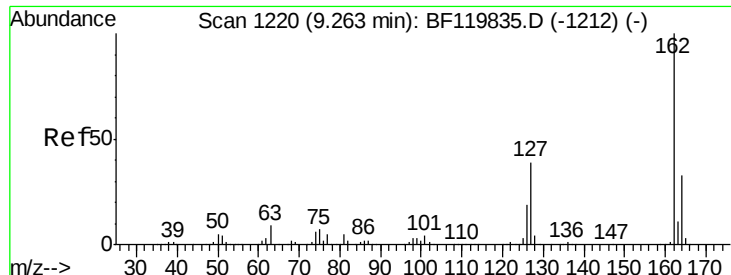
#46
 1,1'-Biphenyl
 Concen: 47.812 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion:154 Resp: 1185273
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.5 60.5
 76 11.7 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

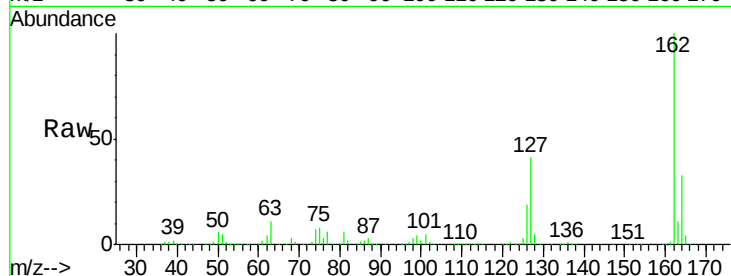




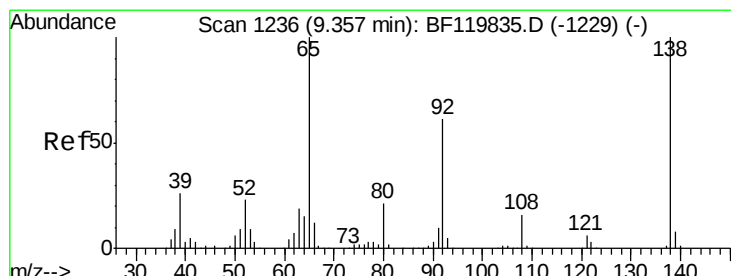
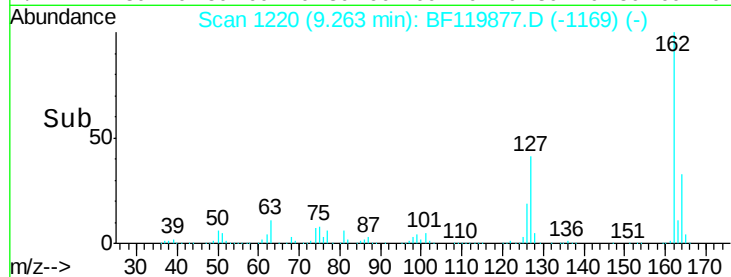
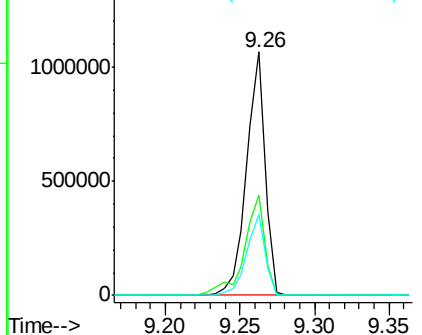
#47
 2-Chloronaphthalene
 Concen: 48.090 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 918370
 Ion Ratio Lower Upper
 162 100
 127 41.1 31.2 46.8
 164 33.2 26.3 39.5

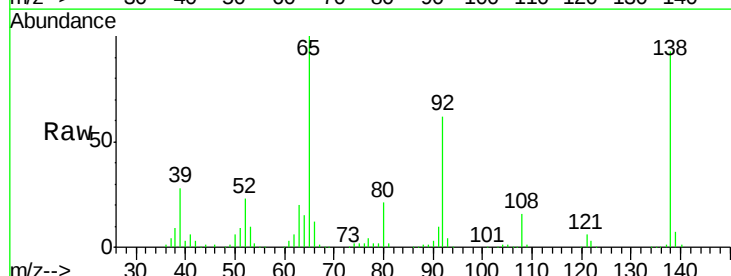


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

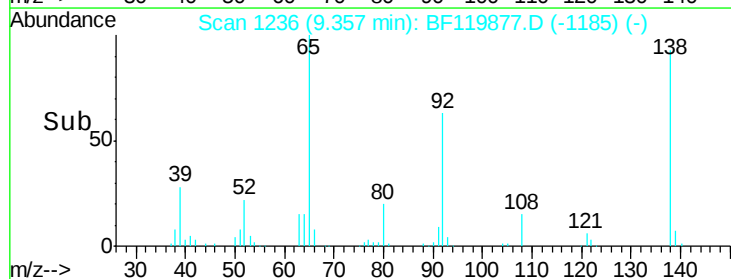
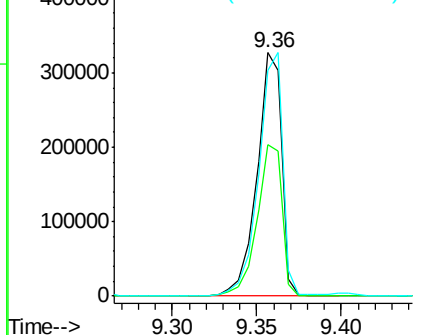


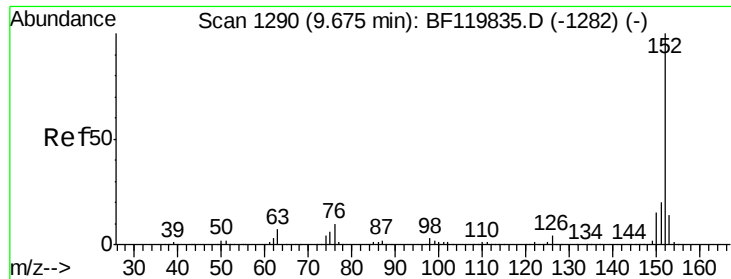
#48
 2-Nitroaniline
 Concen: 48.221 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion: 65 Resp: 333715
 Ion Ratio Lower Upper
 65 100
 92 62.5 49.0 73.6
 138 92.9 79.7 119.5



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





#49

Acenaphthylene

Concen: 47.143 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

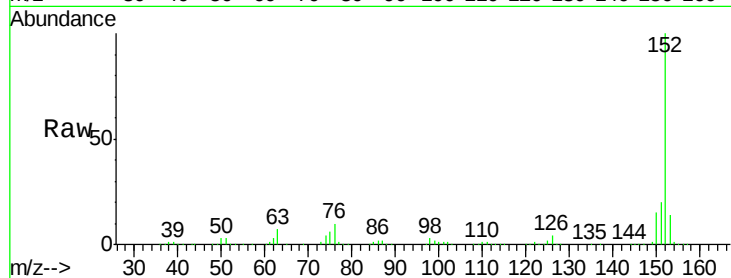
Tot Ion:152 Resp: 1369188

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

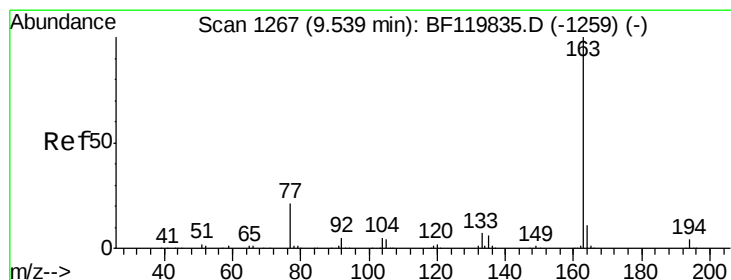
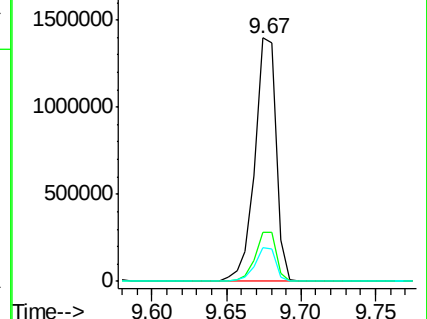
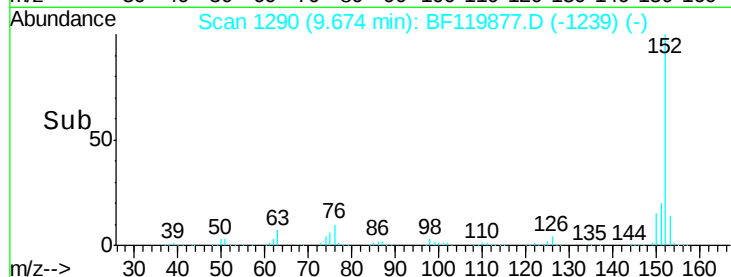
153 13.9 10.9 16.3



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: 57.120 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

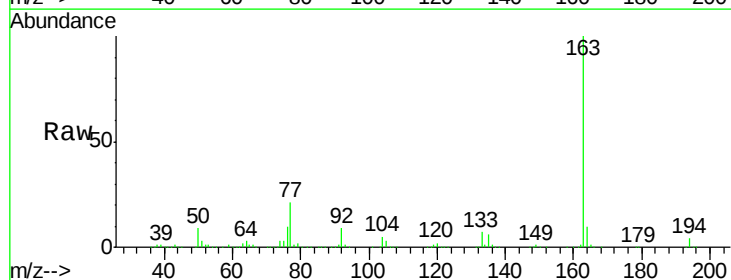
Tgt Ion:163 Resp: 1297613

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

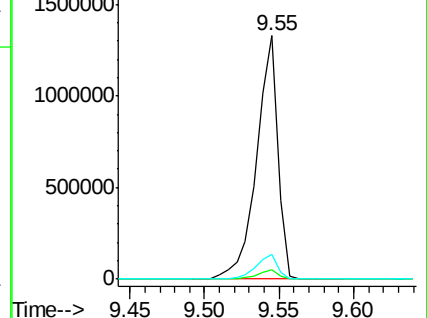
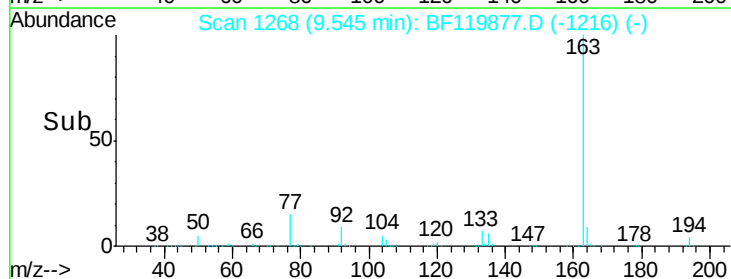
164 10.2 8.4 12.6

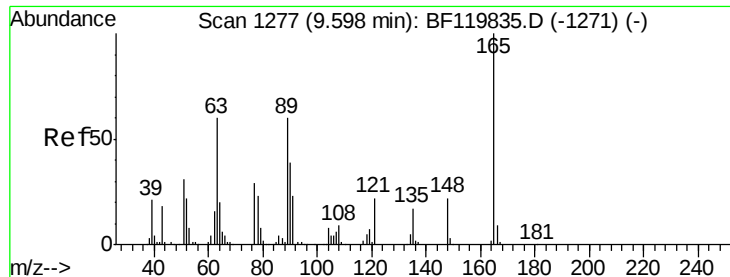


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

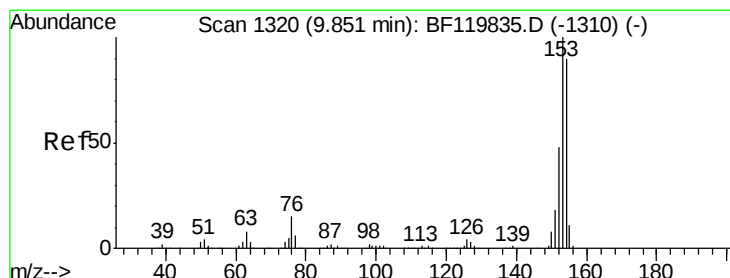
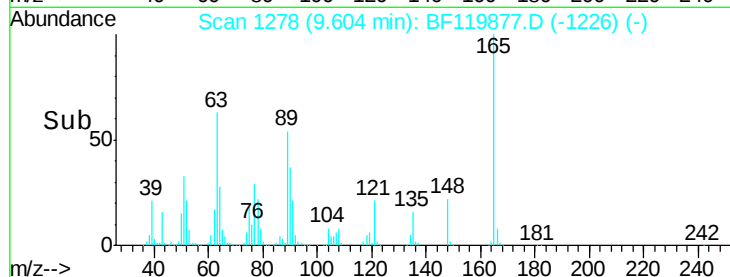
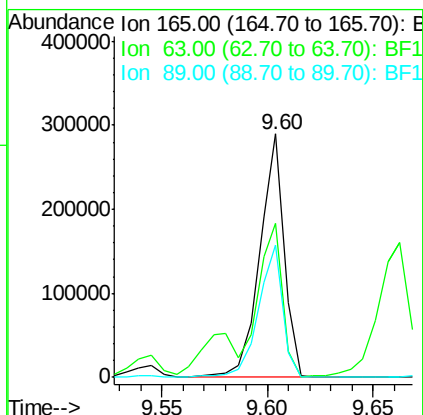
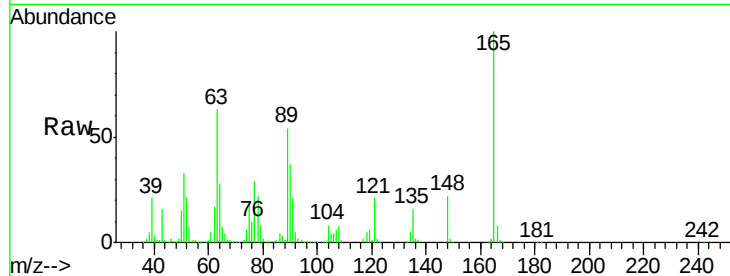




#51
 2,6-Dinitrotoluene
 Concen: 46.829 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

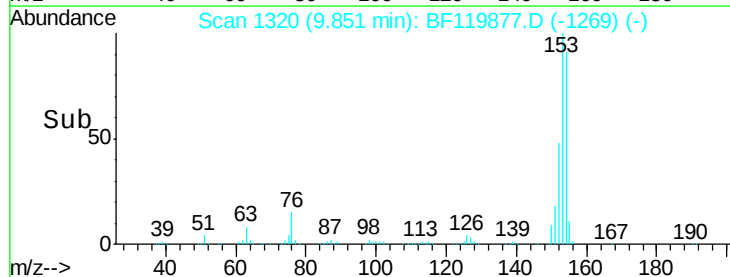
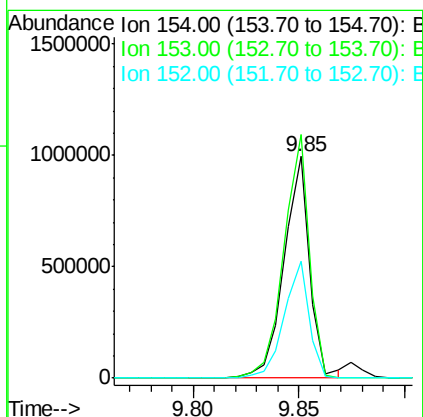
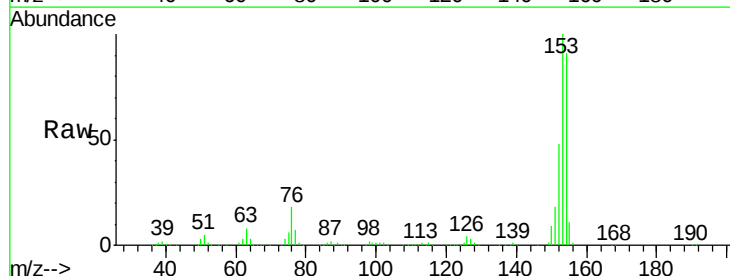
Instrument :
 BNA_F
 ClientSampleId :

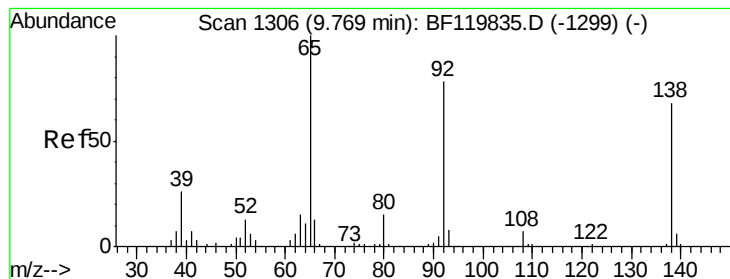
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.0	55.6	83.4
89	54.4	47.9	71.9



#52
 Acenaphthene
 Concen: 43.594 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.8	133.2
152	52.8	42.4	63.6

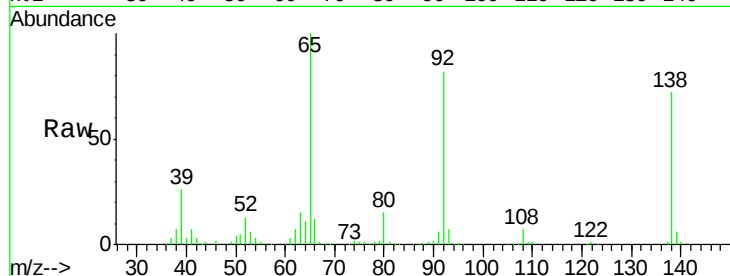




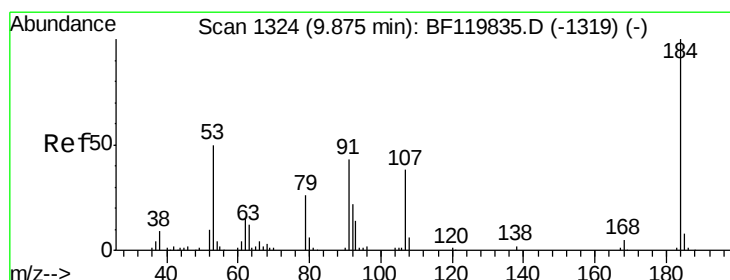
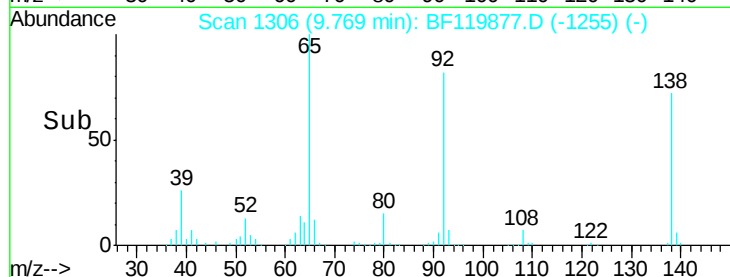
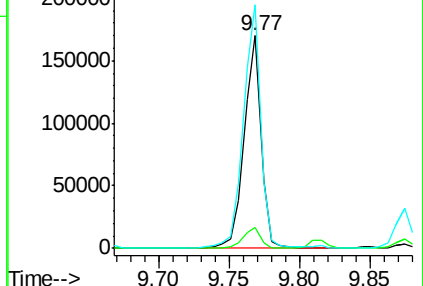
#53
3-Nitroaniline
Concen: 25.300 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 143746
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 114.5 92.1 138.1

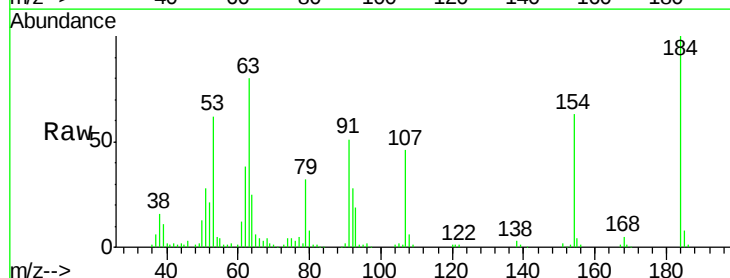


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

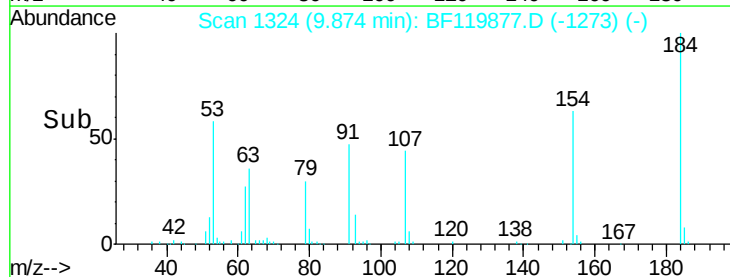
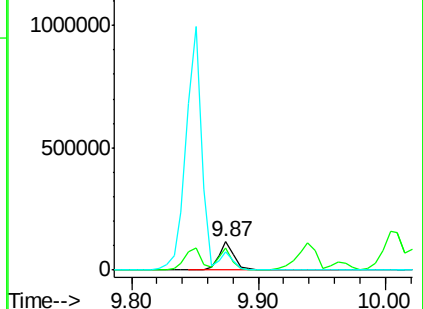


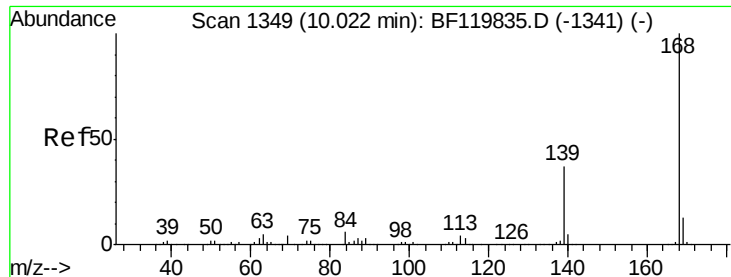
#54
2,4-Dinitrophenol
Concen: 33.905 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:184 Resp: 100981
Ion Ratio Lower Upper
184 100
63 79.7 49.8 74.6#
154 63.0 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

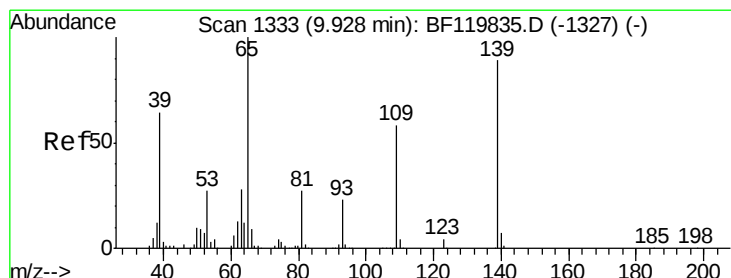
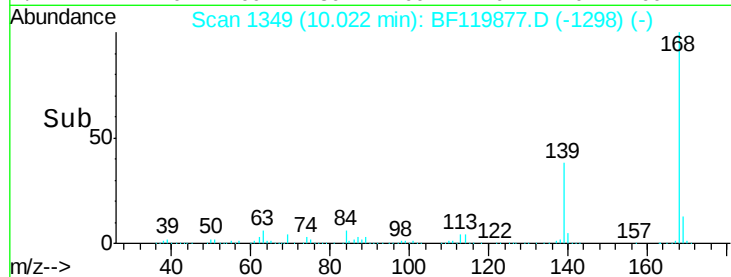
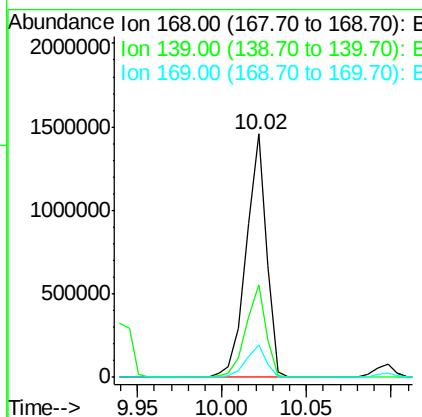
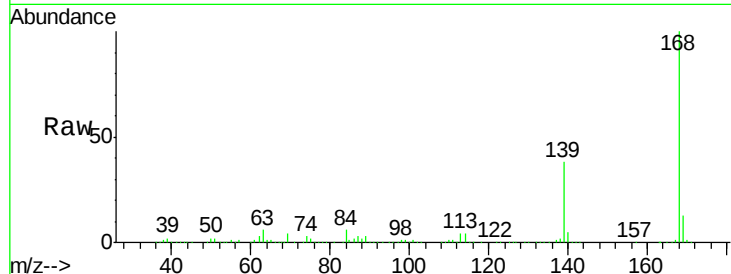




#55
Dibenzenofuran
Concen: 46.177 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

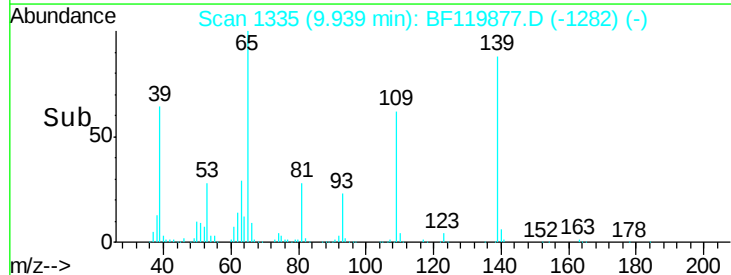
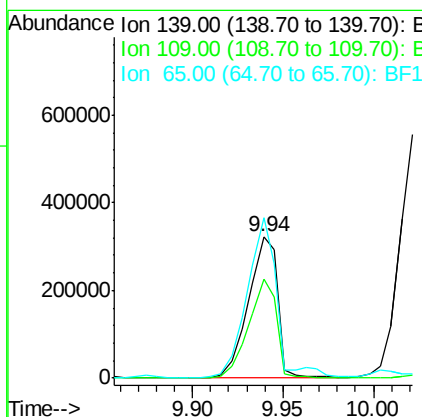
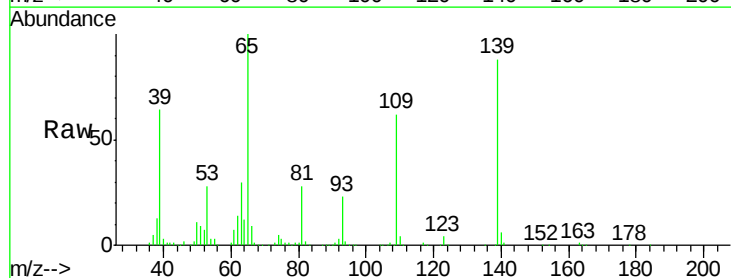
Instrument :
BNA_F
ClientSampleId :

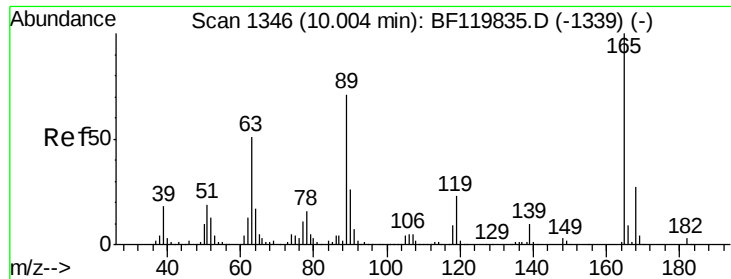
Tot Ion:168 Resp: 1227647
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 85.931 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:139 Resp: 363267
Ion Ratio Lower Upper
139 100
109 69.9 45.5 85.5
65 113.0 92.3 132.3

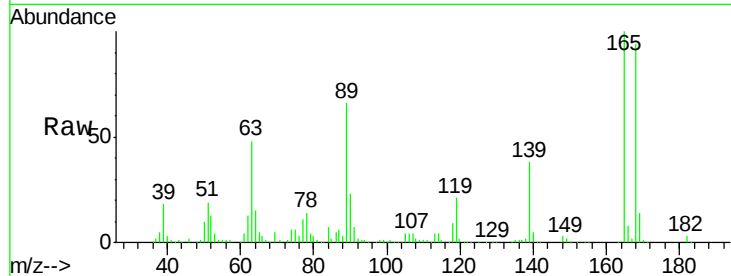




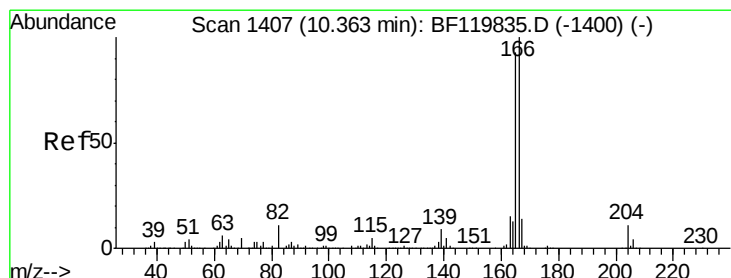
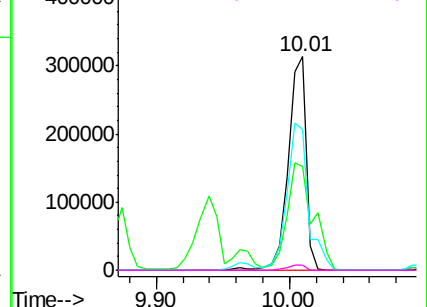
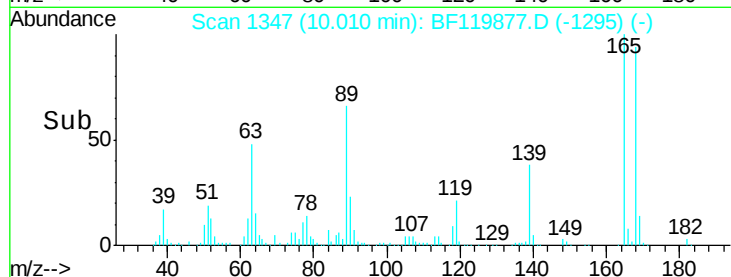
#57
2,4-Dinitrotoluene
Concen: 45.200 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	40.8	61.2
89	65.9	56.9	85.3
182	2.5	2.0	3.0

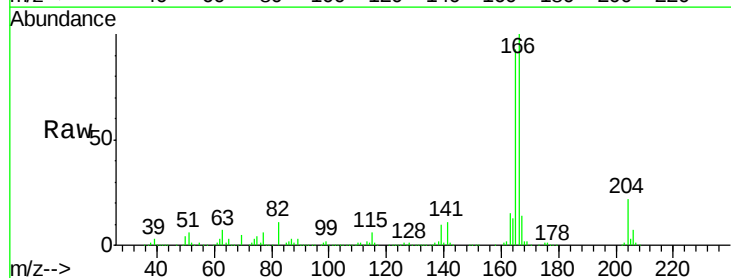


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

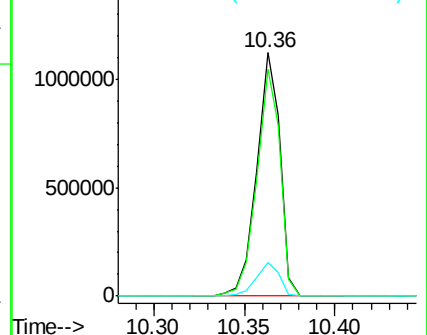
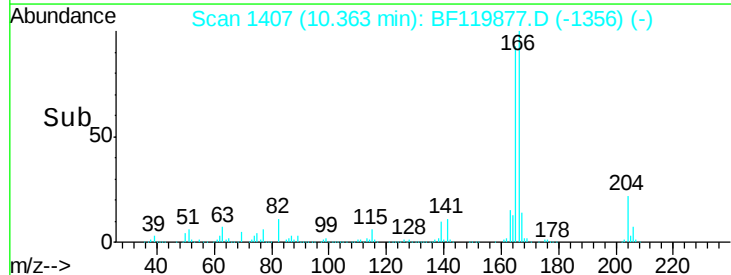


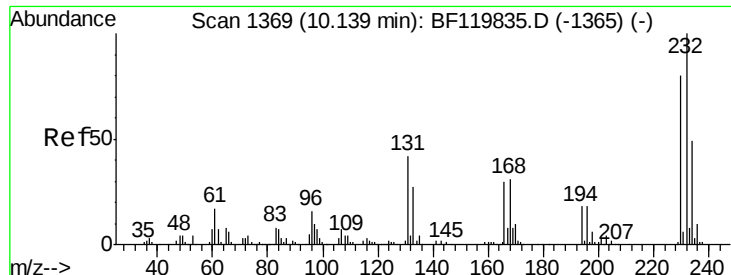
#58
Fluorene
Concen: 47.071 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	74.2	111.2
167	14.0	10.8	16.2



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

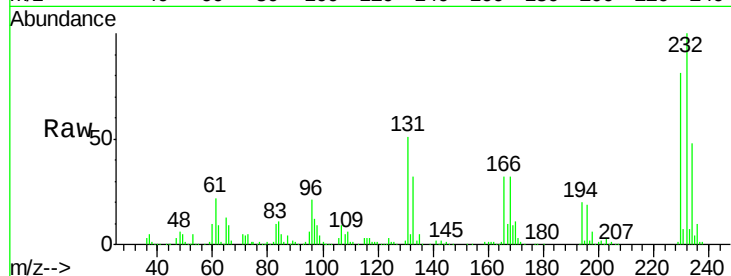




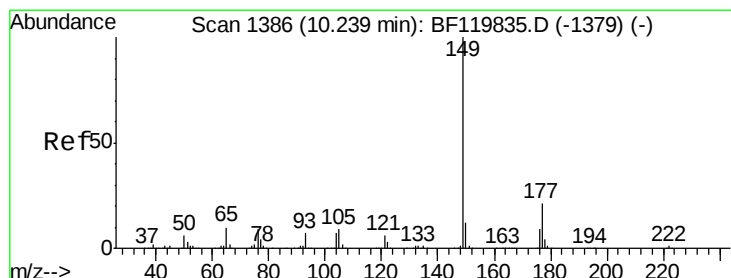
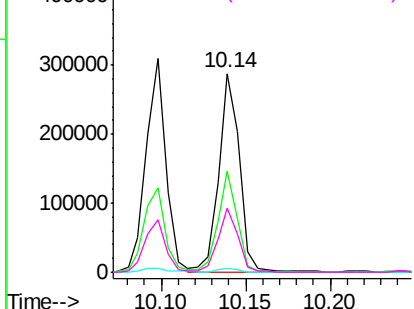
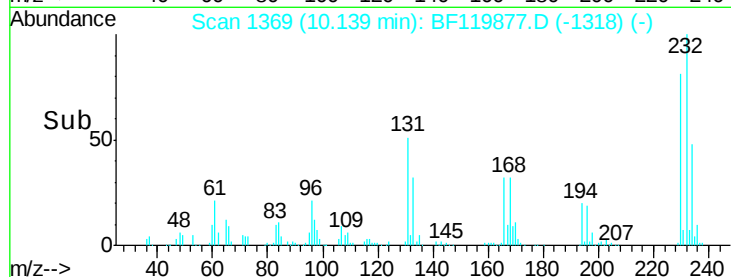
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.106 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 243379
 Ion Ratio Lower Upper
 232 100
 131 47.2 37.9 56.9
 130 2.2 1.8 2.6
 166 32.0 25.4 38.0

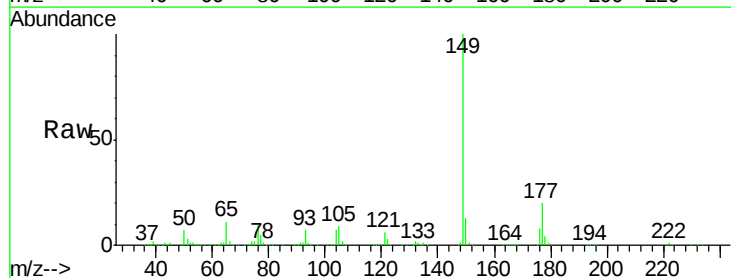


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

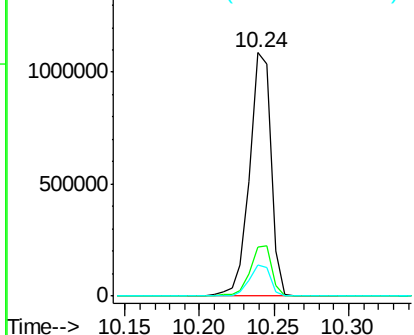
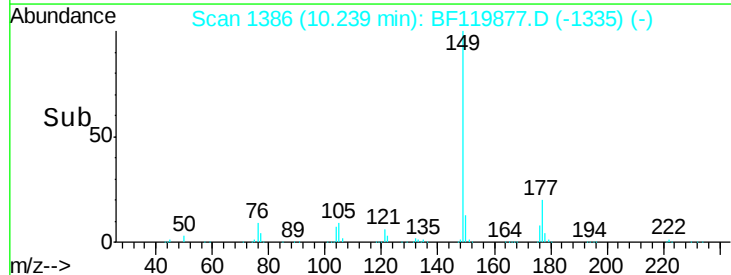


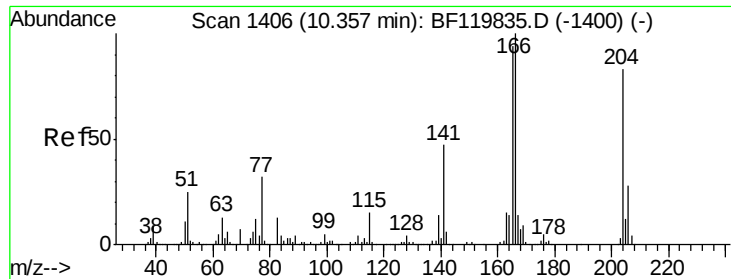
#60
 Diethylphthalate
 Concen: 45.765 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion:149 Resp: 1077541
 Ion Ratio Lower Upper
 149 100
 177 20.4 16.8 25.2
 150 12.6 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

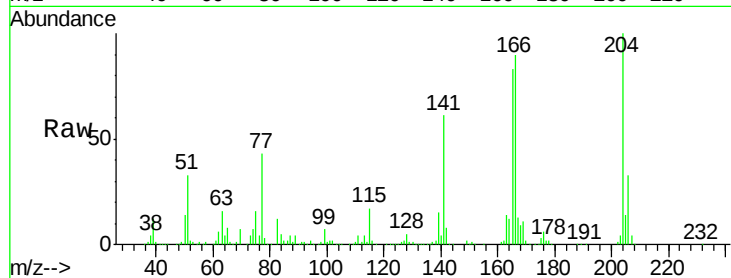




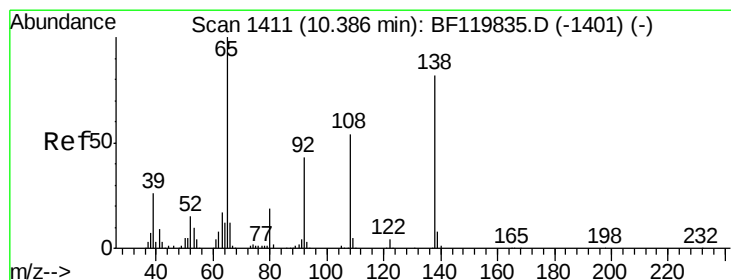
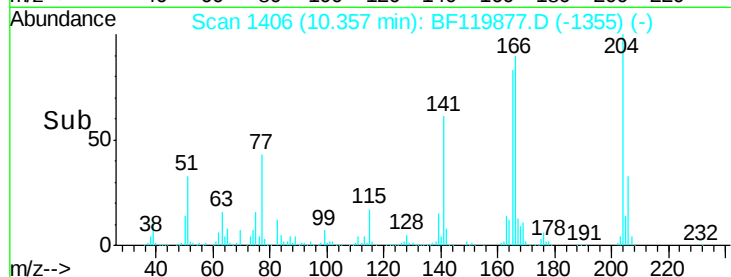
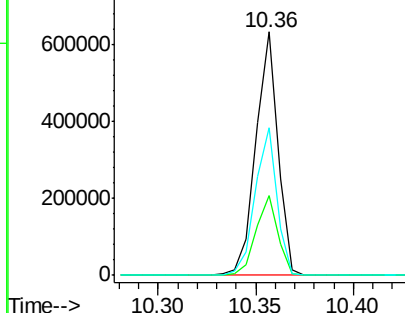
#61
4-Chlorophenyl-phenylether
Concen: 45.589 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 496800
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.6 45.8 68.8

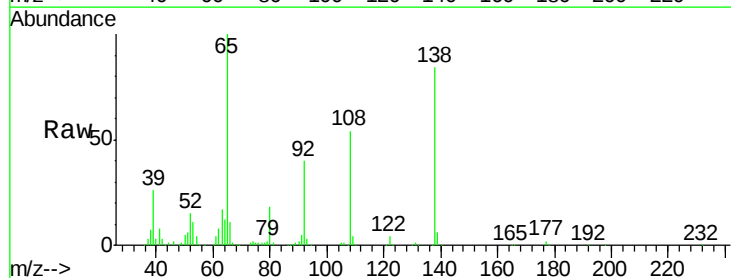


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

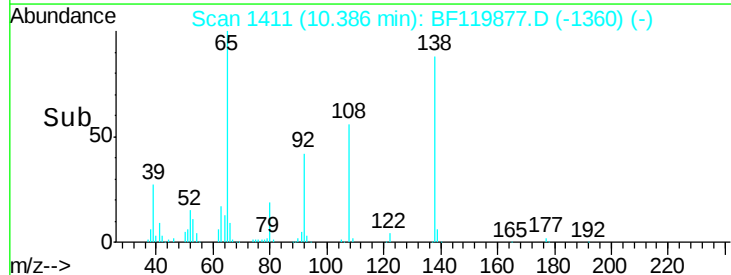
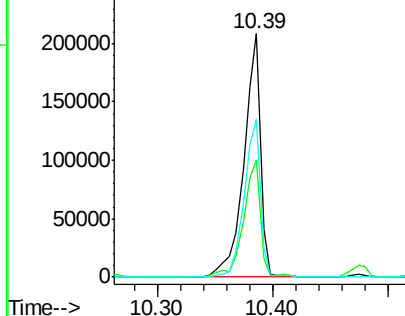


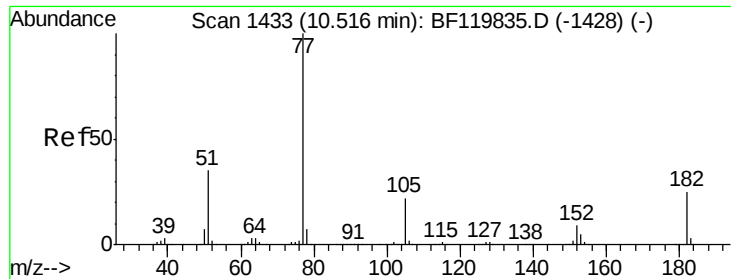
#62
4-Nitroaniline
Concen: 38.405 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:138 Resp: 207948
Ion Ratio Lower Upper
138 100
92 47.9 31.6 71.6
108 64.7 45.2 85.2



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





#63

Azobenzene

Concen: 44.892 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 947250

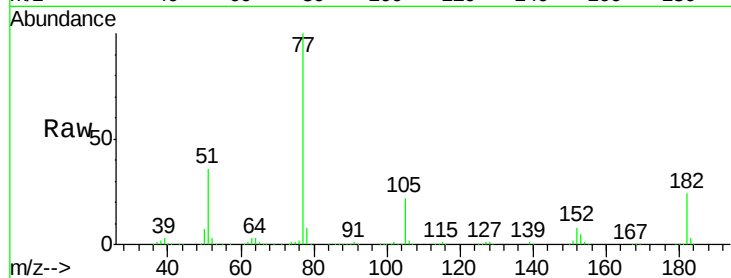
Ion Ratio Lower Upper

77 100

182 23.5 4.5 44.5

105 21.9 2.2 42.2

51 35.6 15.1 55.1

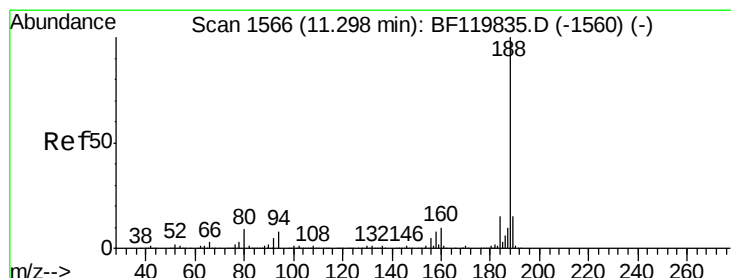
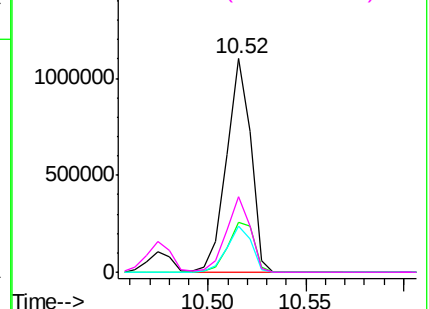
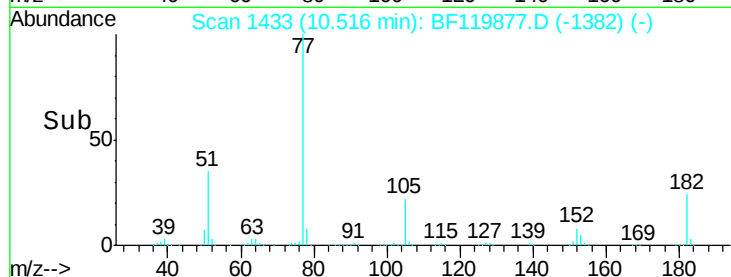


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

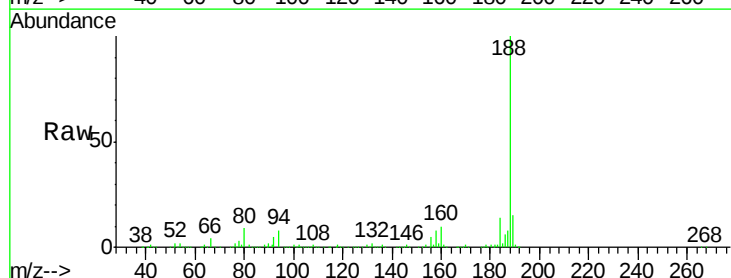
Tgt Ion: 188 Resp: 477488

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

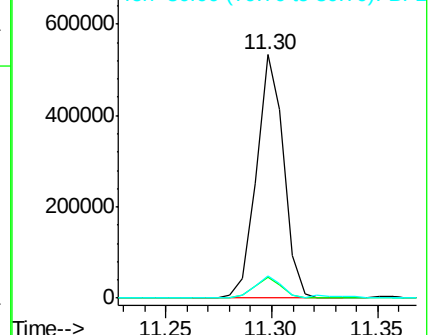
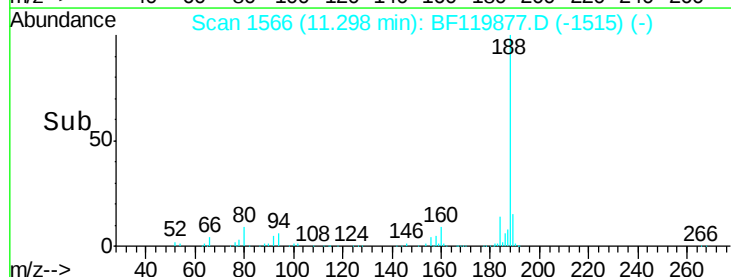
80 9.3 7.4 11.2

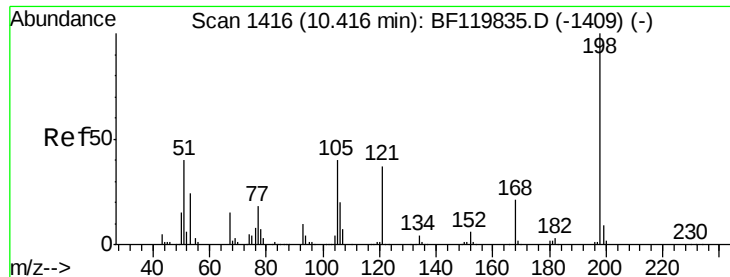


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 21.878 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

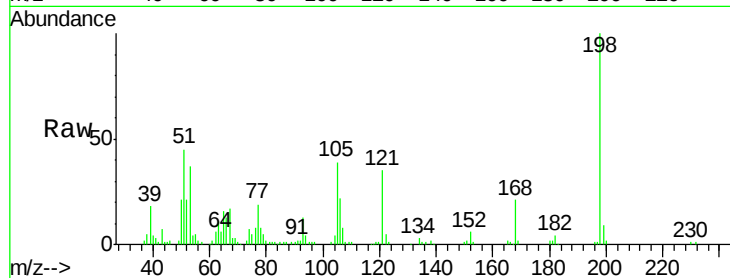
Tot Ion:198 Resp: 68823

Ion Ratio Lower Upper

198 100

51 44.9 25.2 65.2

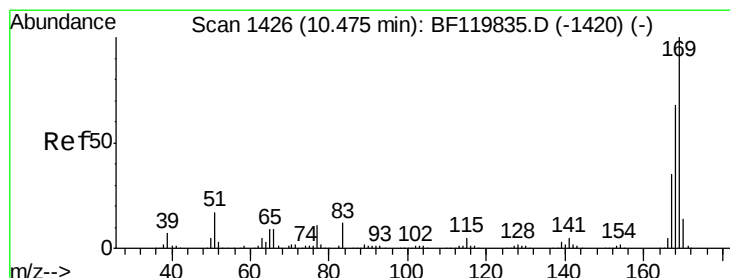
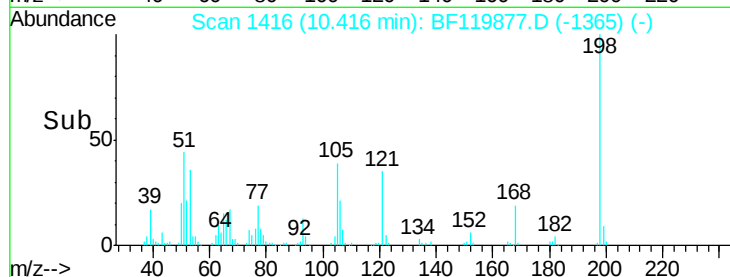
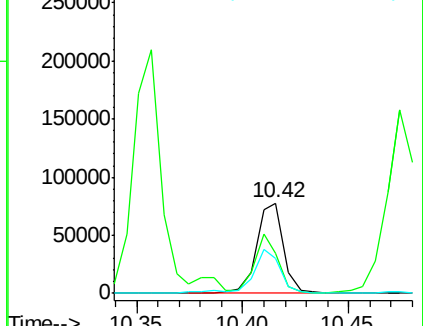
105 38.9 20.8 60.8



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: 53.440 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

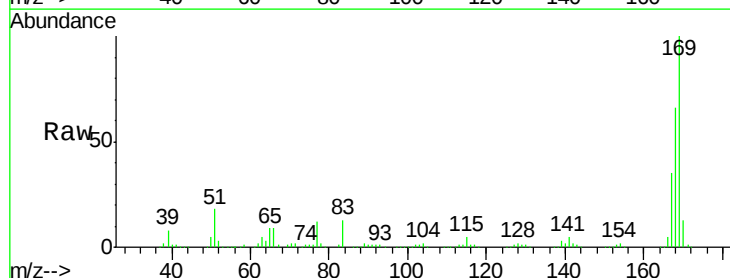
Tgt Ion:169 Resp: 848617

Ion Ratio Lower Upper

169 100

168 66.5 54.2 81.4

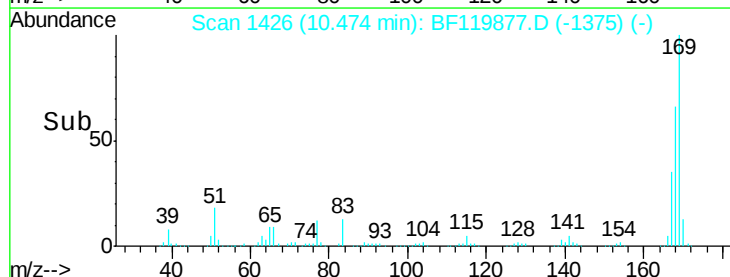
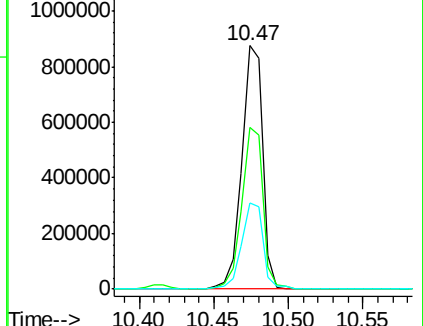
167 35.4 28.3 42.5

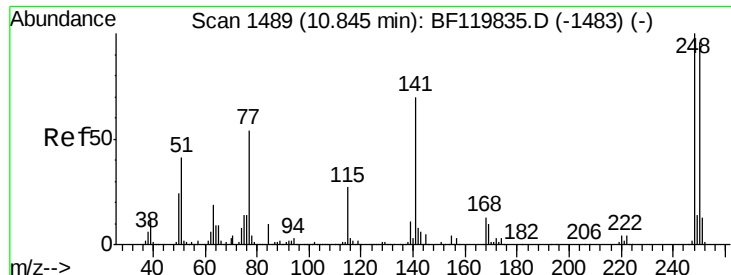


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

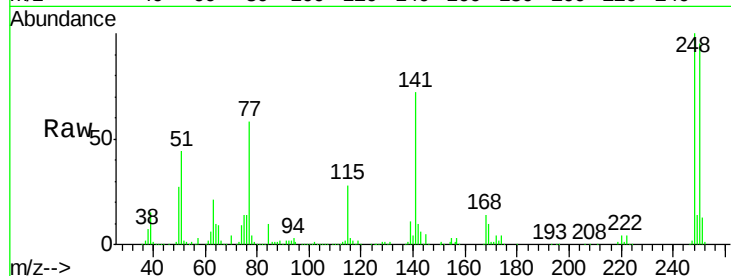




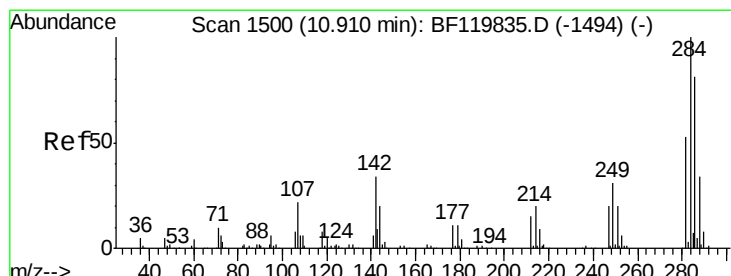
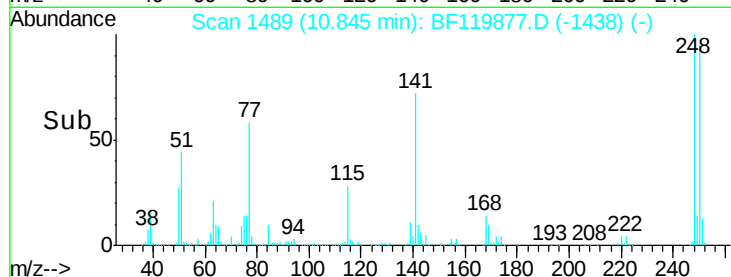
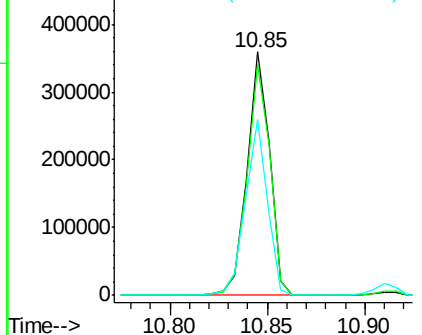
#67
4-Bromophenyl-phenylether
Concen: 48.249 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 286506
Ion Ratio Lower Upper
248 100
250 94.6 76.6 114.8
141 72.1 55.9 83.9

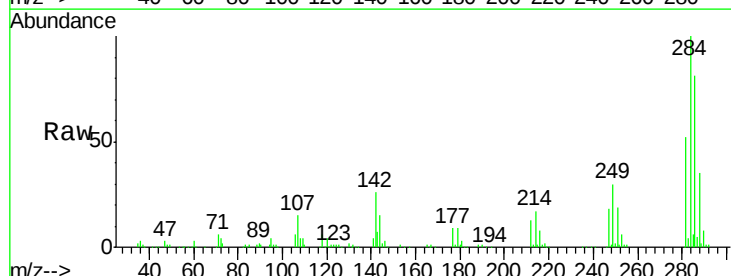


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

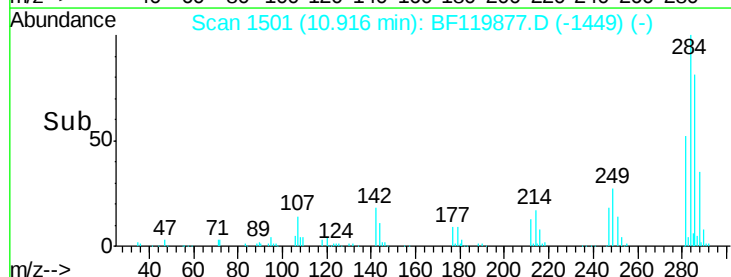
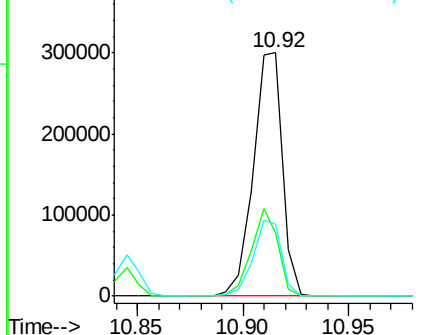


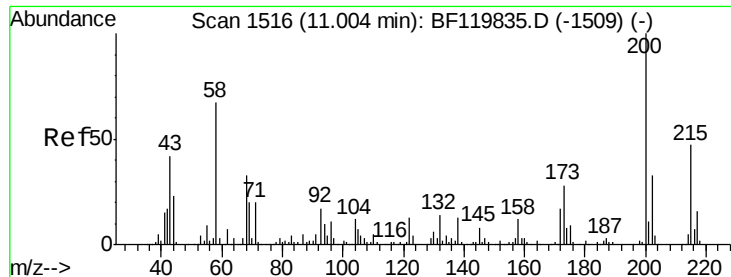
#68
Hexachlorobenzene
Concen: 47.951 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:284 Resp: 288850
Ion Ratio Lower Upper
284 100
142 25.7 26.9 40.3#
249 29.7 24.6 37.0



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

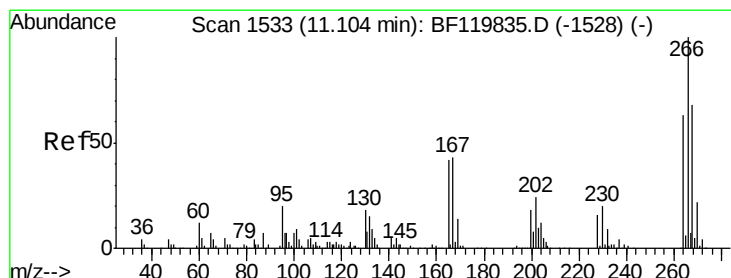
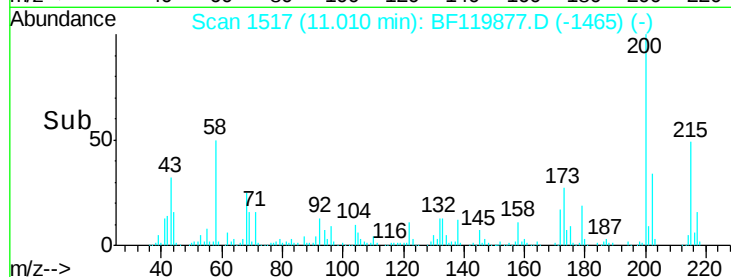
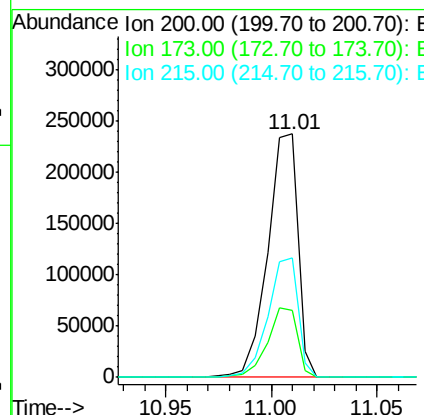
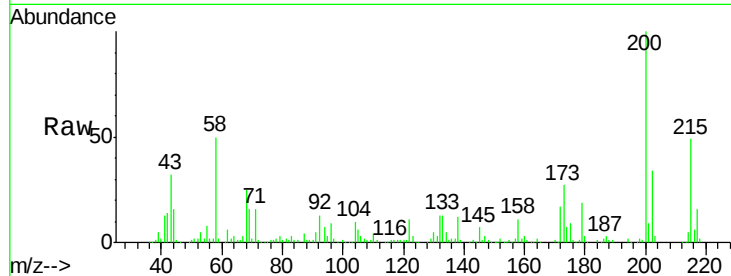




#69
 Atrazine
 Concen: 53.666 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

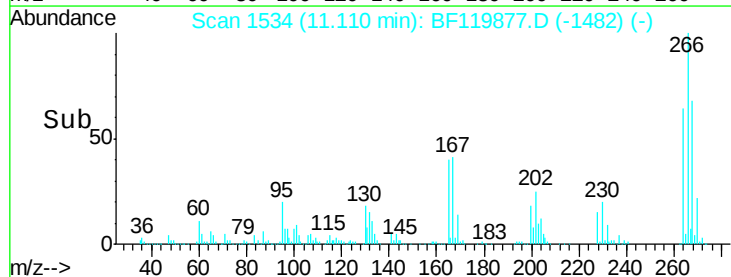
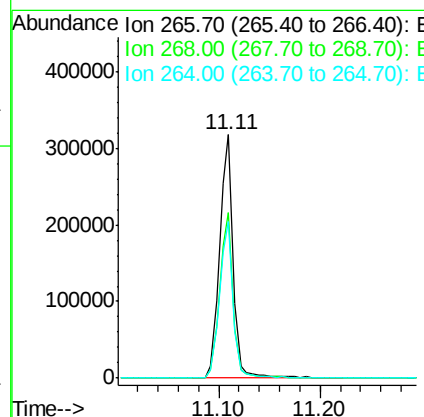
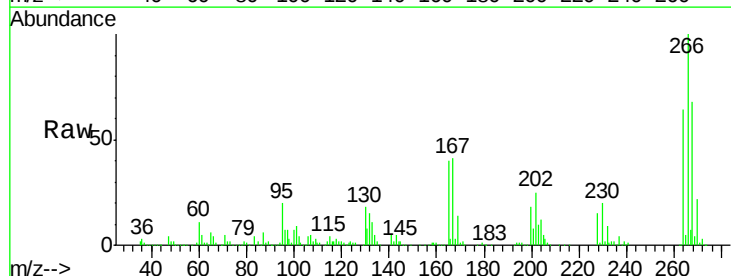
Instrument :
 BNA_F
 ClientSampleId :

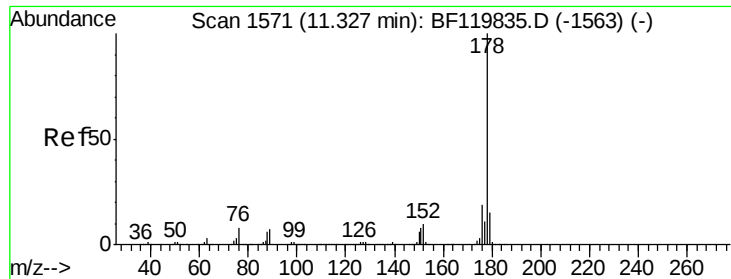
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.0	48.0
215	48.9	27.1	67.1



#70
 Pentachlorophenol
 Concen: 85.642 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	54.2	81.4
264	64.3	50.6	76.0





#71

Phenanthrene

Concen: 47.205 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

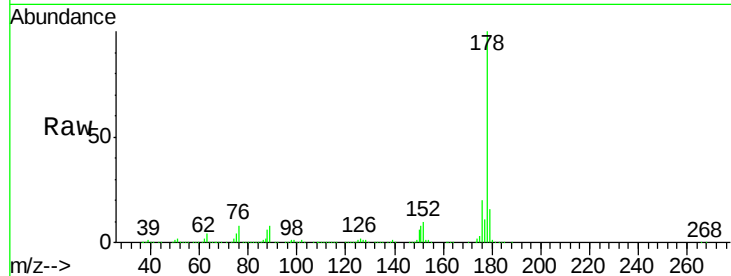
Tot Ion:178 Resp: 1199590

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

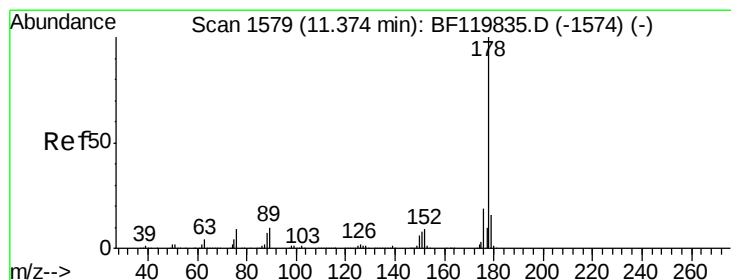
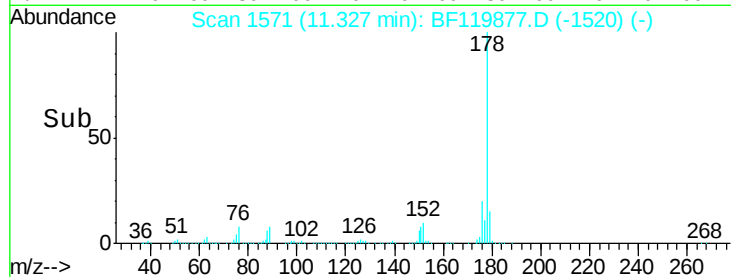
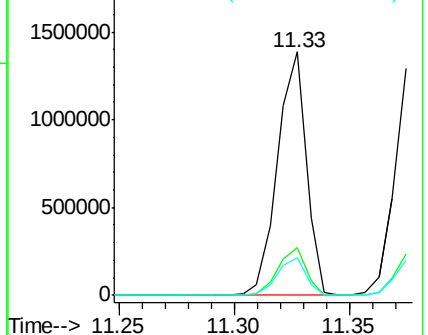
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.892 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

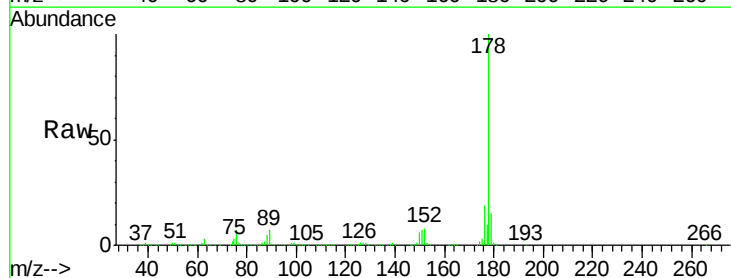
Tgt Ion:178 Resp: 1243278

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

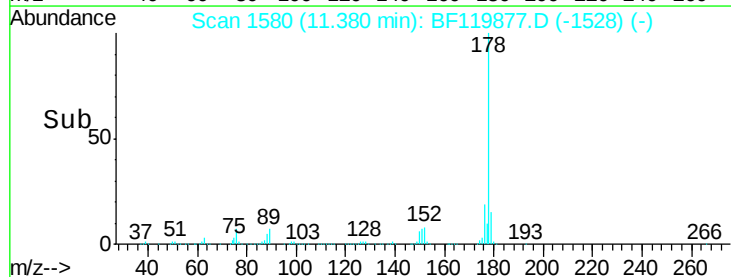
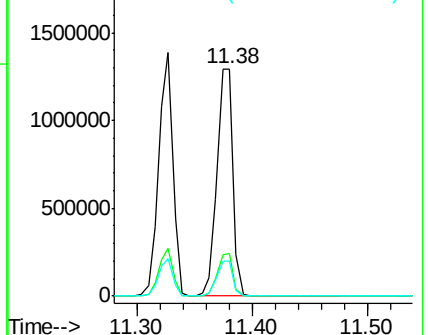
179 15.4 12.8 19.2

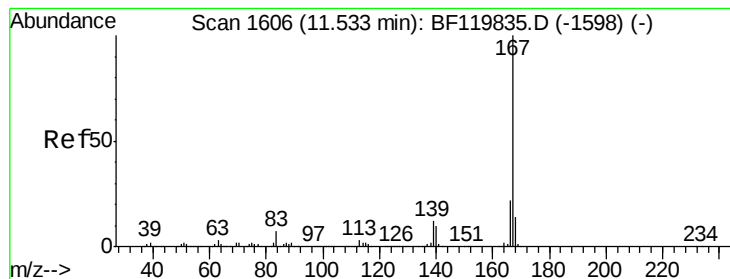


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.465 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

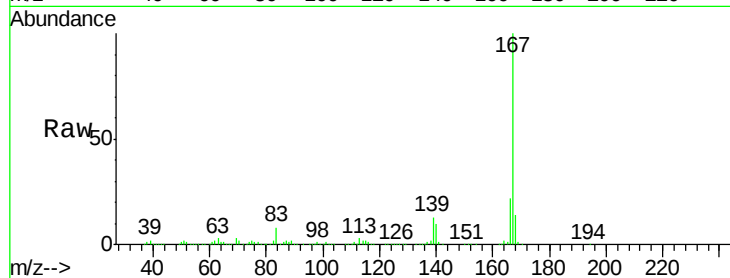
Tot Ion:167 Resp: 1189798

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

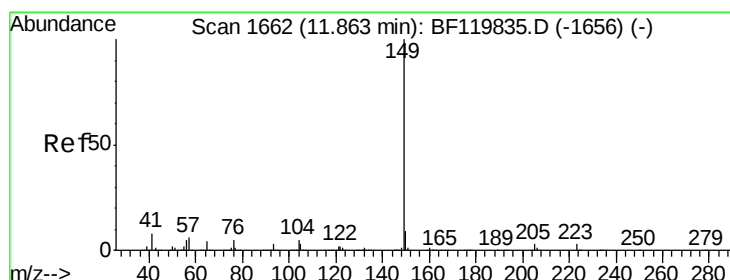
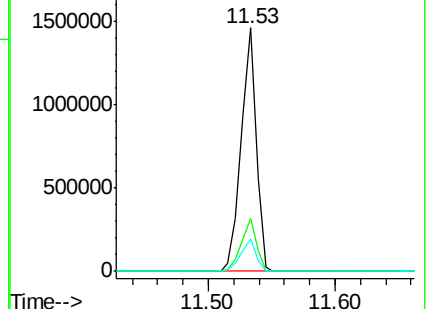
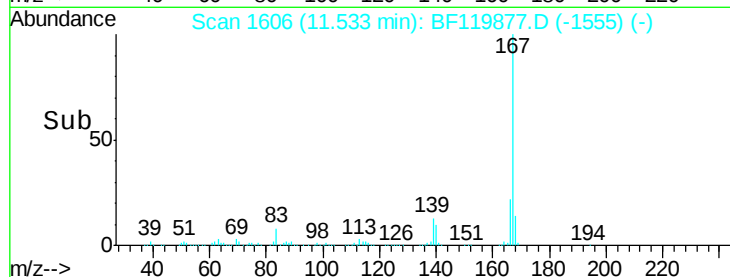
139 13.1 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.034 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

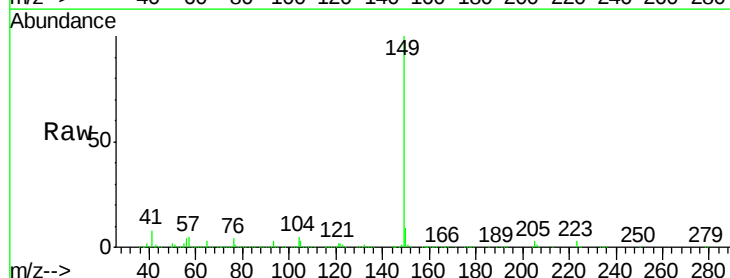
Tgt Ion:149 Resp: 1485675

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

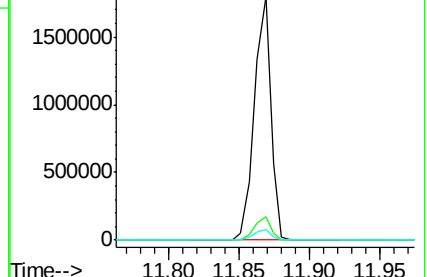
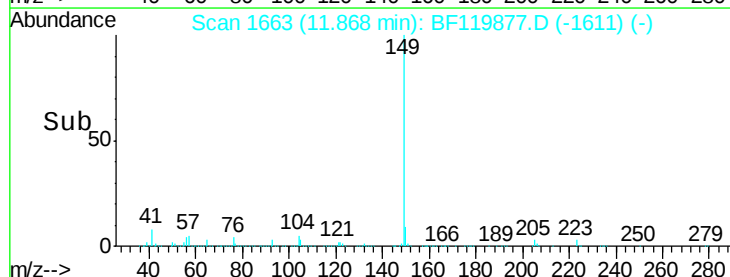
104 4.6 3.8 5.6

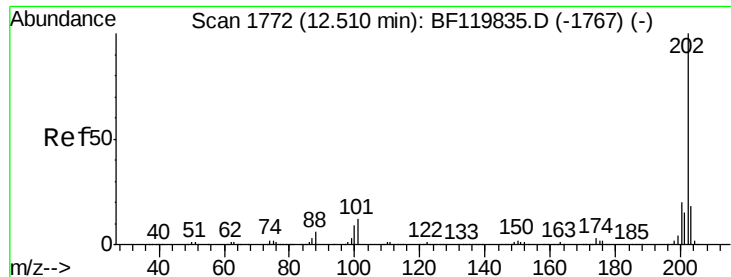


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

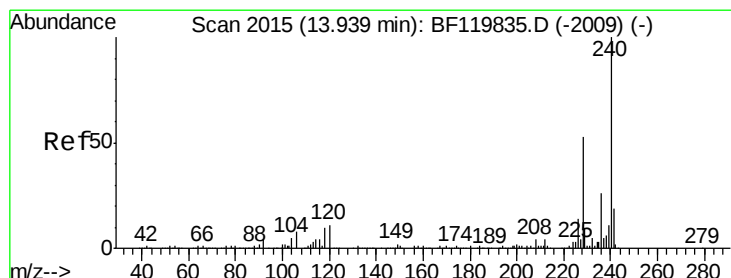
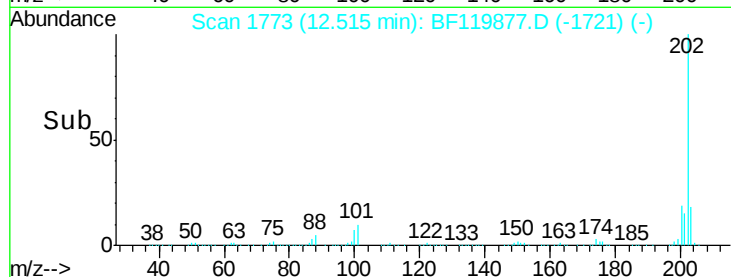
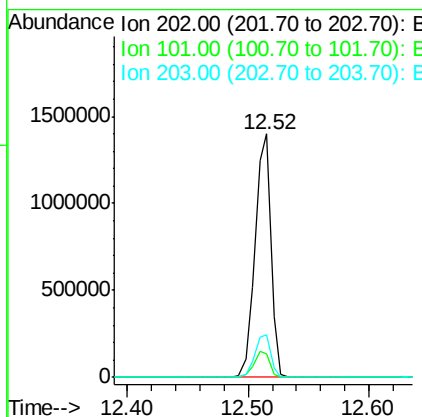
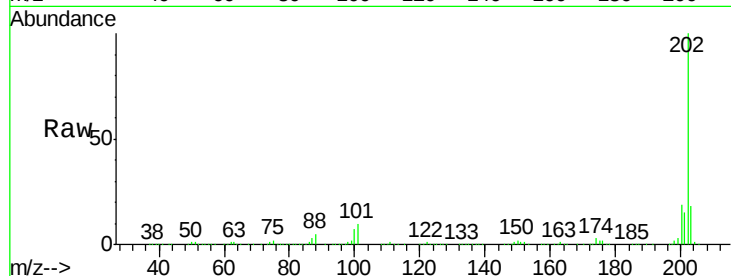




#75
 Fluoranthene
 Concen: 46.995 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

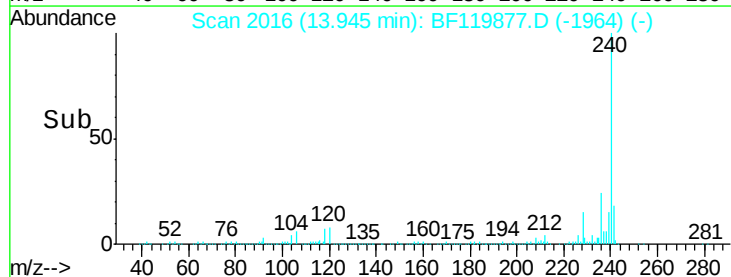
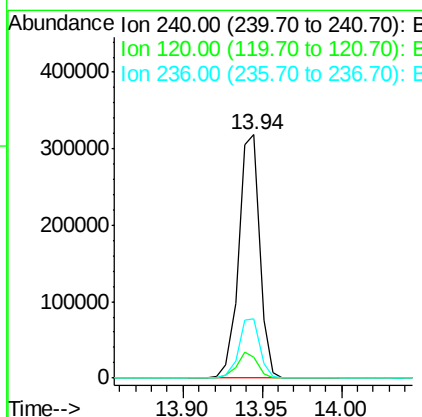
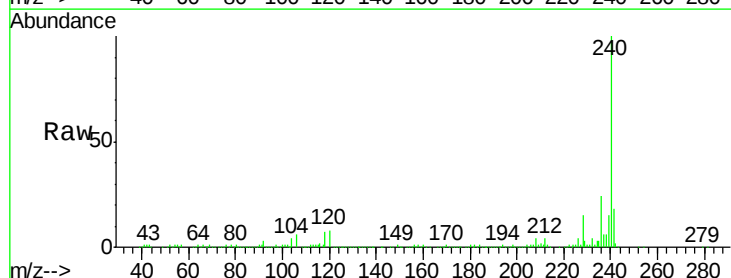
Instrument :
 BNA_F
 ClientSampleId :

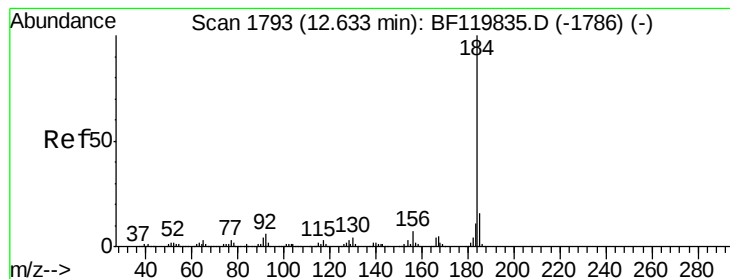
Tot Ion:202 Resp: 1288577
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 32.3
 203 17.6 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119877.D
 Acq: 9 Apr 2020 18:45

Tgt Ion:240 Resp: 293006
 Ion Ratio Lower Upper
 240 100
 120 8.4 9.0 13.6#
 236 24.4 20.7 31.1





#77

Benzidine

Concen: 62.838 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

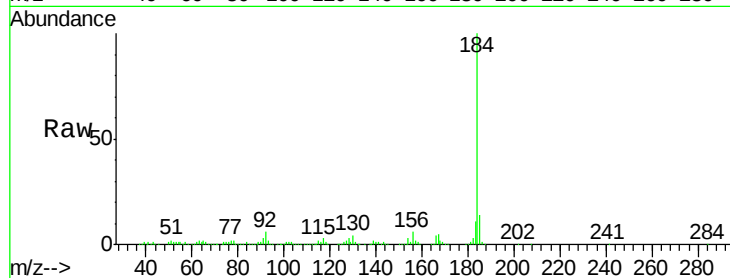
Tot Ion:184 Resp: 622372

Ion Ratio Lower Upper

184 100

185 13.9 13.2 19.8

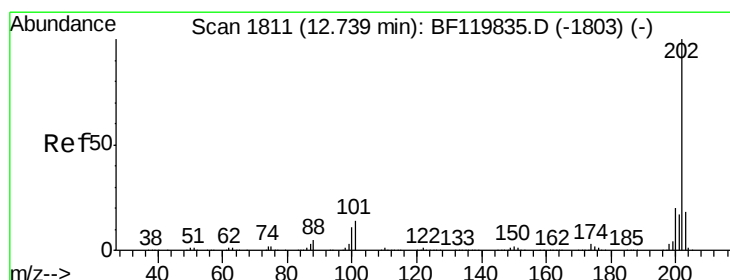
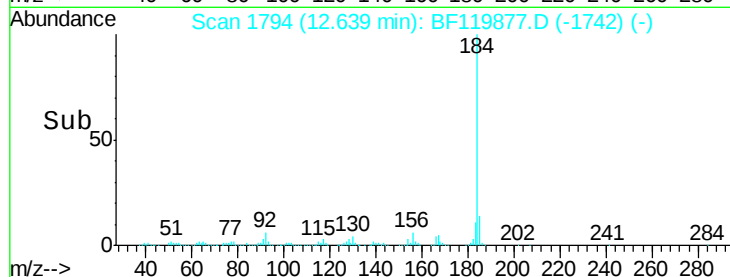
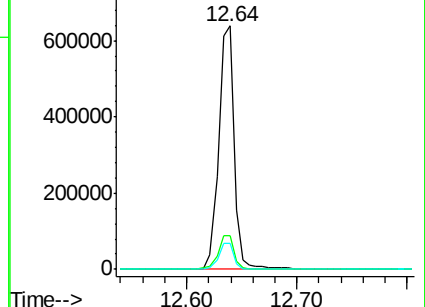
183 10.7 9.1 13.7



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: 44.920 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

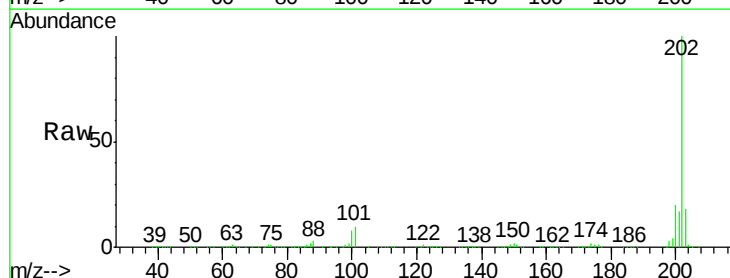
Tgt Ion:202 Resp: 1109570

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

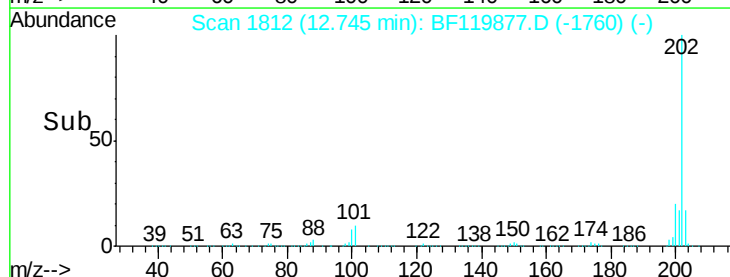
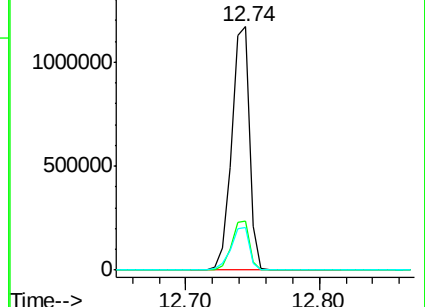
203 17.5 14.1 21.1

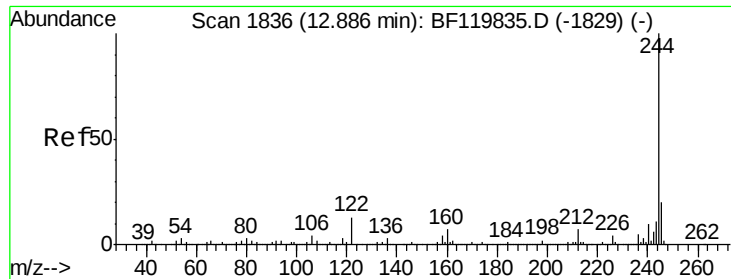


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.053 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

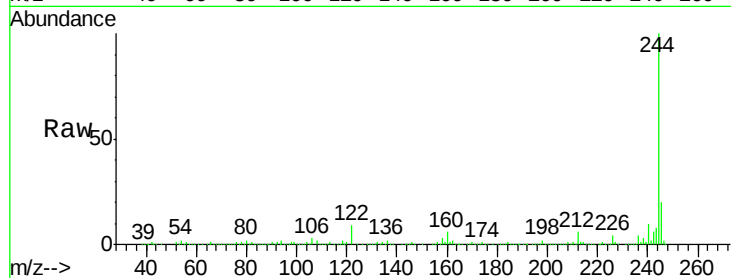
Tot Ion:244 Resp: 1672602

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

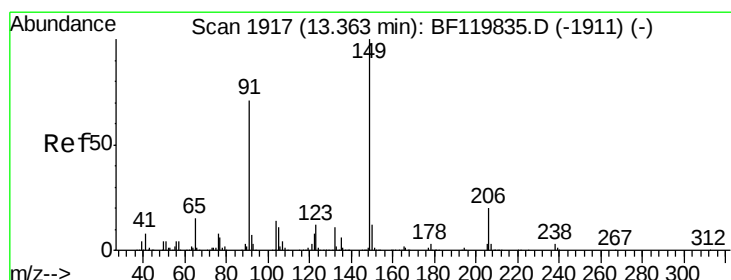
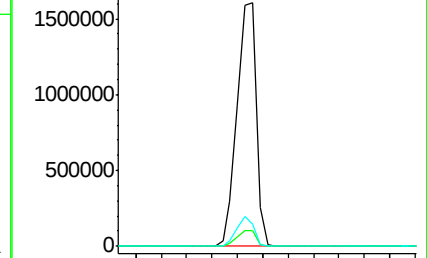
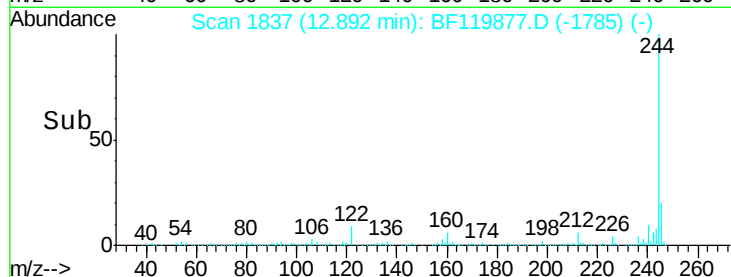
122 9.1 10.3 15.5#



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: 44.262 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

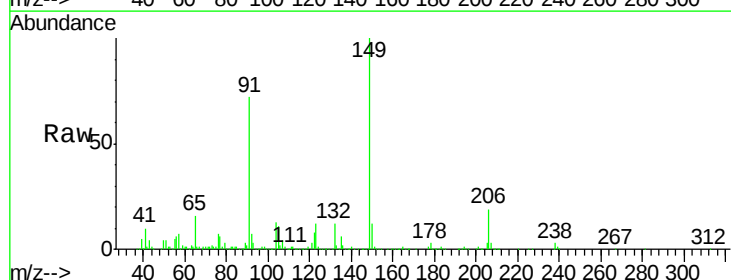
Tgt Ion:149 Resp: 530509

Ion Ratio Lower Upper

149 100

91 72.3 56.7 85.1

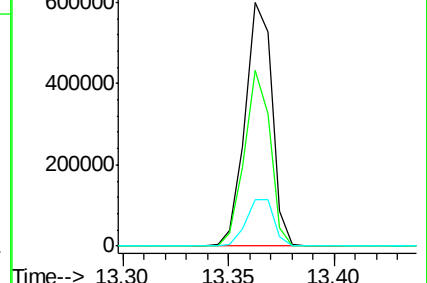
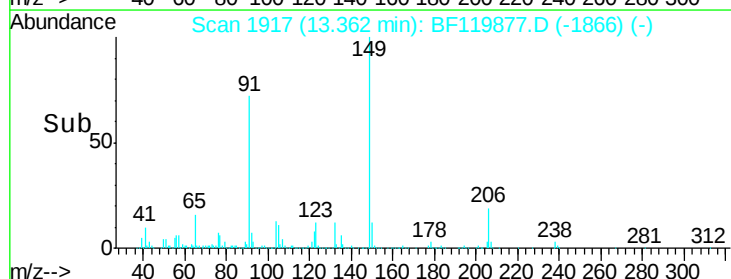
206 19.0 15.7 23.5

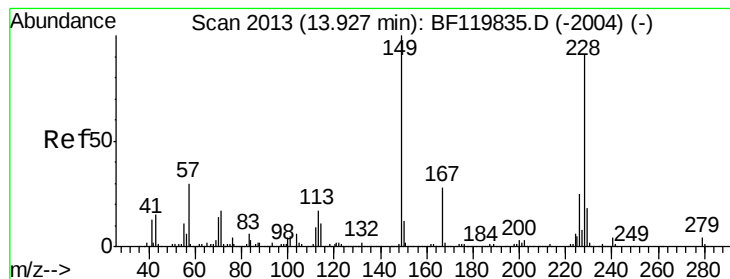


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.014 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

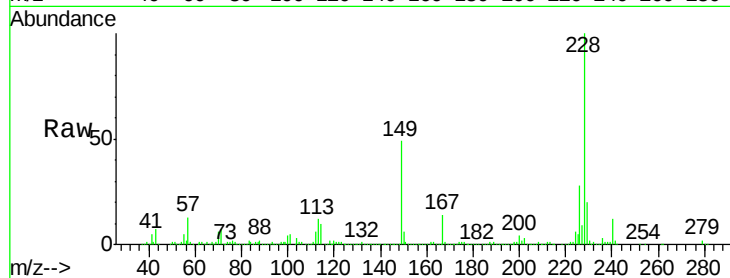
Tot Ion:228 Resp: 906234

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

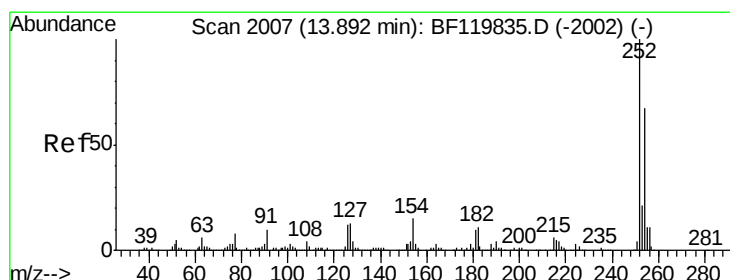
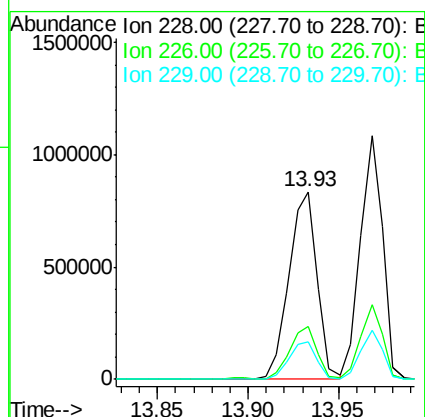
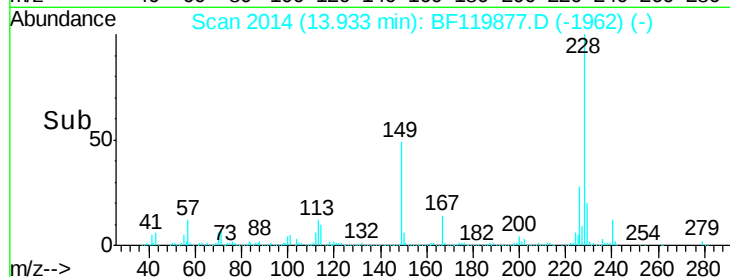
229 19.9 15.9 23.9



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: 48.694 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

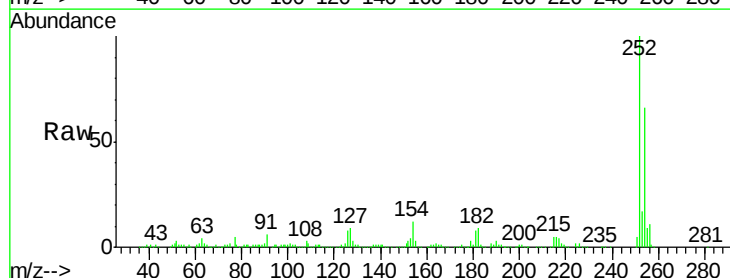
Tgt Ion:252 Resp: 350220

Ion Ratio Lower Upper

252 100

254 65.7 53.9 80.9

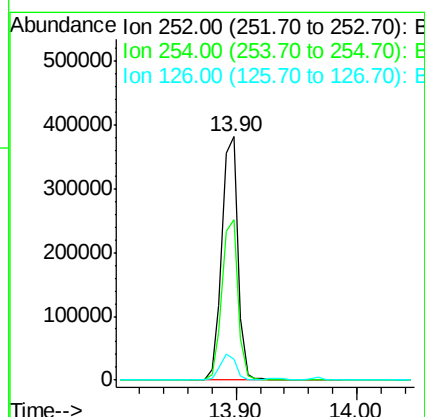
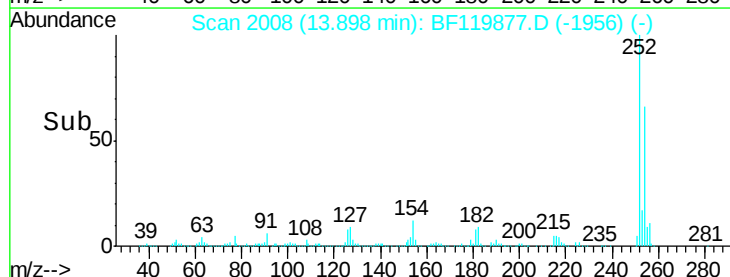
126 8.4 9.7 14.5#

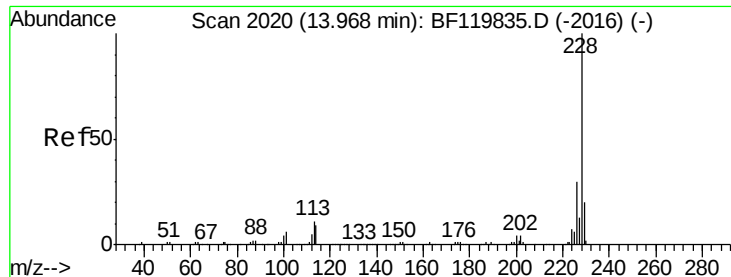


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.393 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampled :

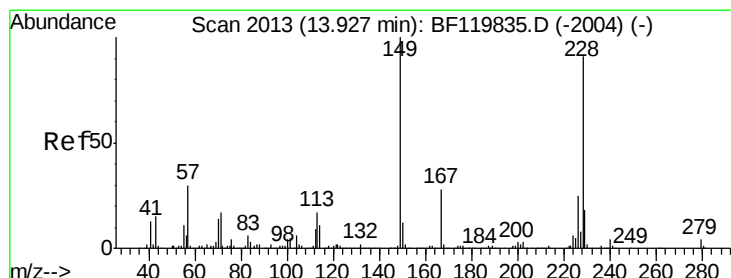
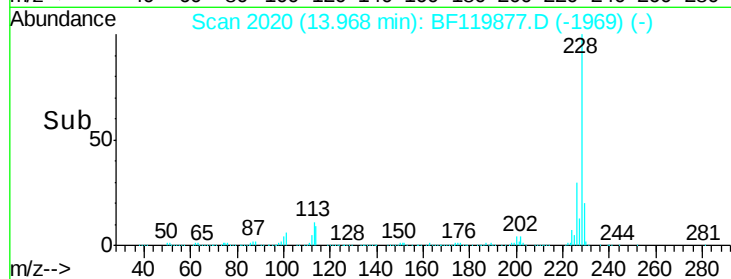
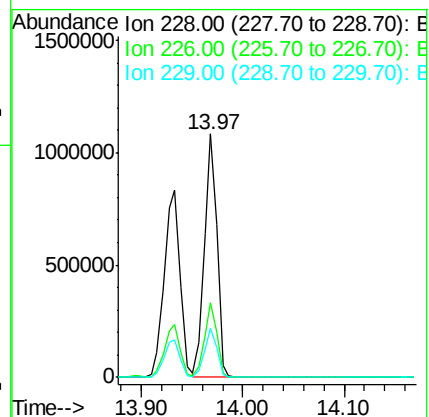
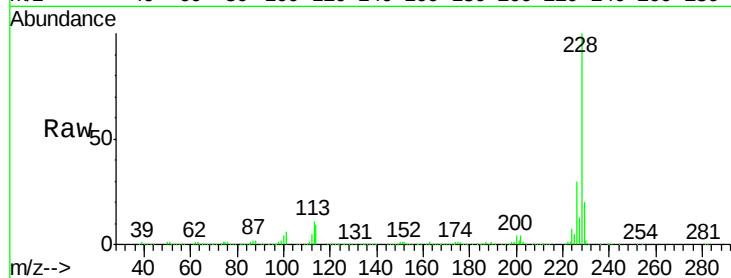
Tot Ion:228 Resp: 928235

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.146 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

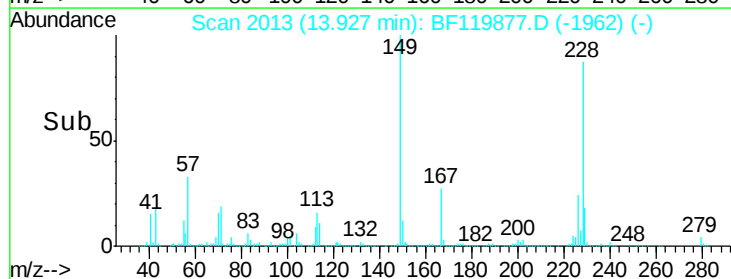
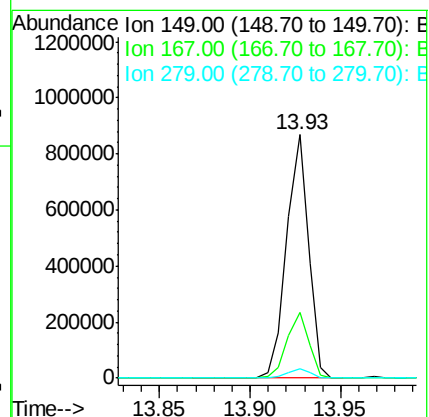
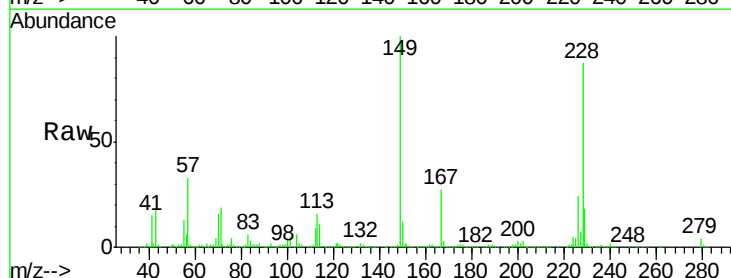
Tgt Ion:149 Resp: 732768

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 45.707 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

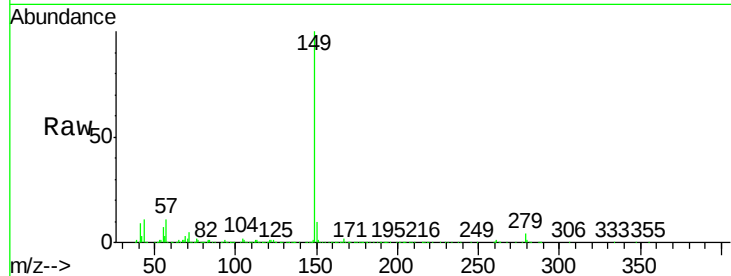
Tot Ion:149 Resp: 1263170

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

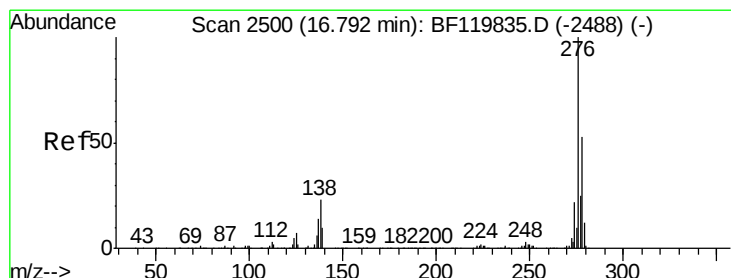
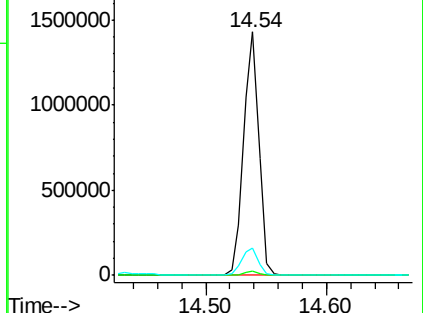
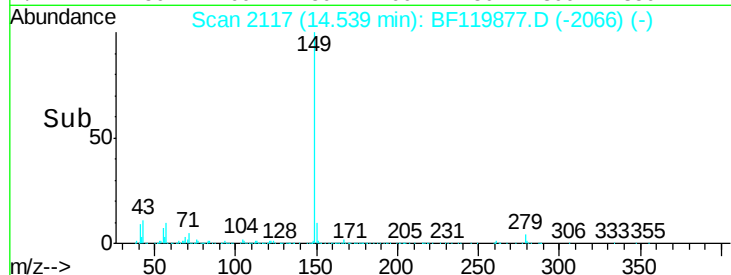
43 11.6 9.2 13.8



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: 50.453 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

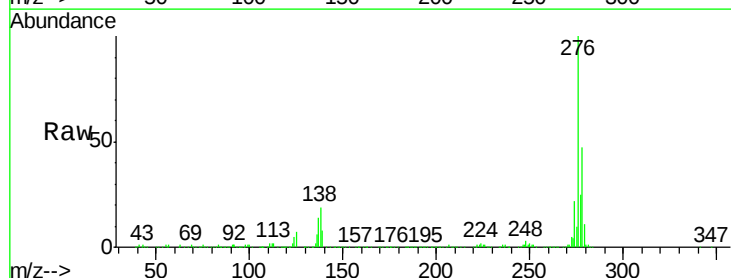
Tgt Ion:276 Resp: 871057

Ion Ratio Lower Upper

276 100

138 21.8 18.0 27.0

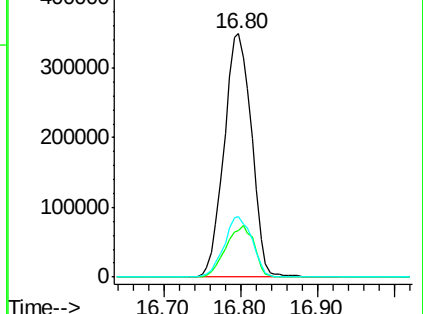
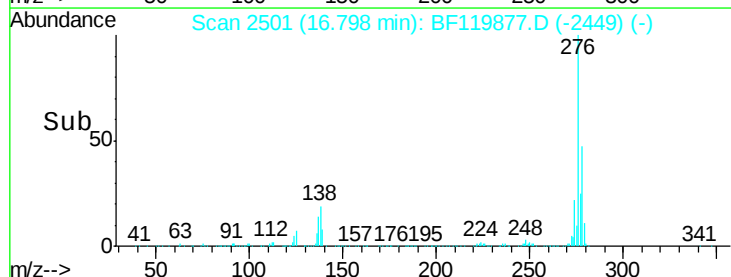
277 25.3 20.1 30.1

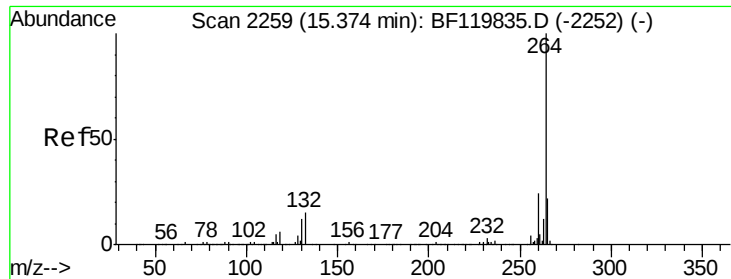


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



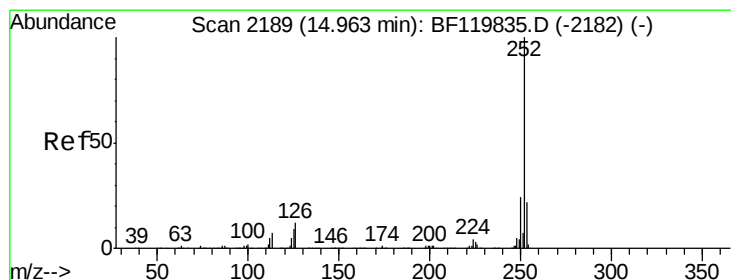
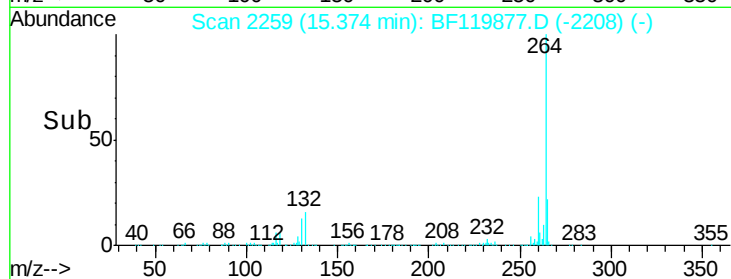
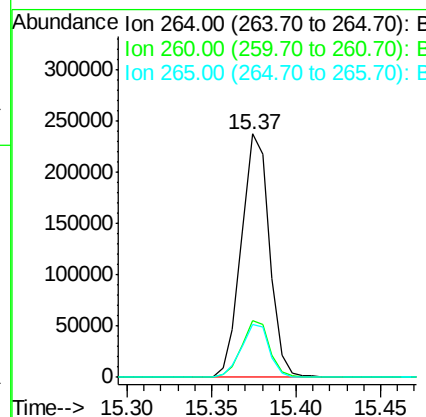
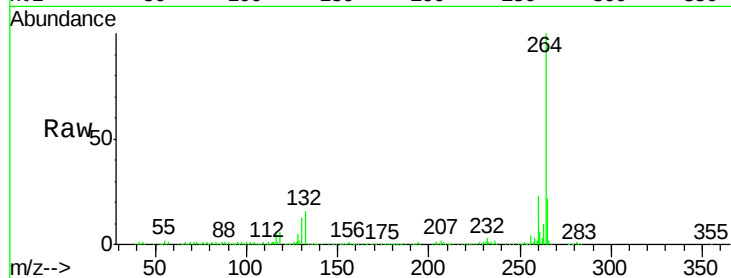


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 276469

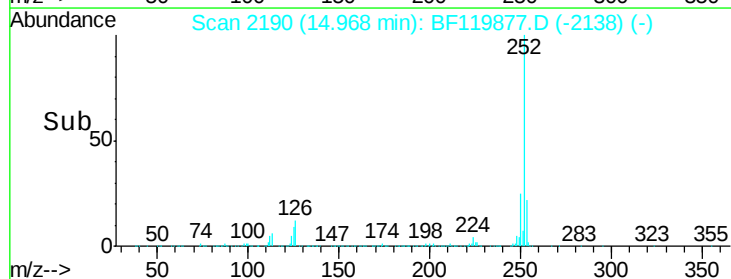
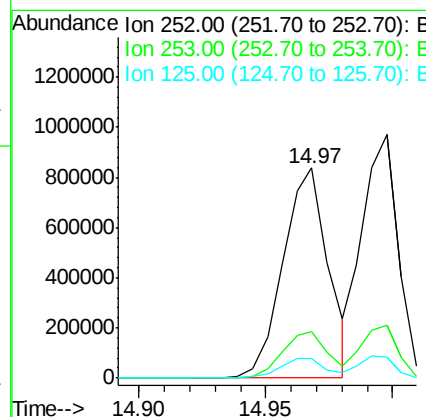
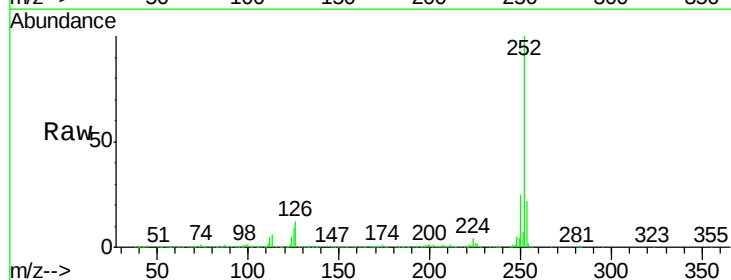
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.8	17.6	26.4

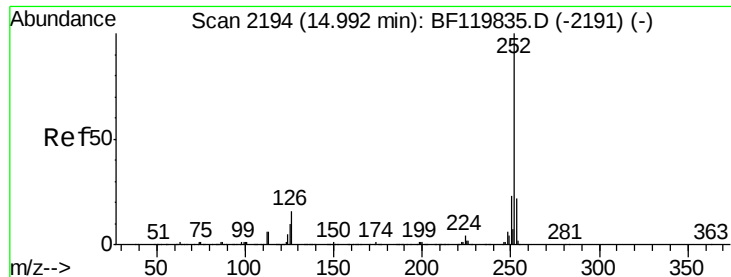


#88
Benzo(b)fluoranthene
Concen: 52.116 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:252 Resp: 1036520

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.1	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 56.384 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

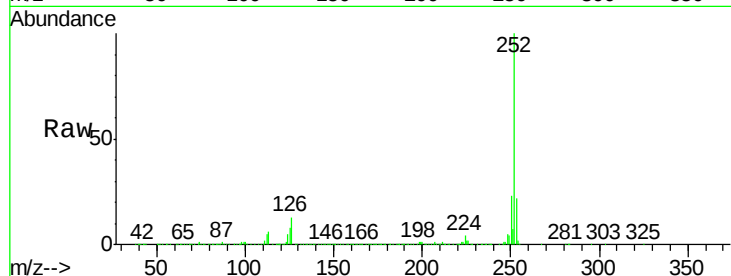
Tot Ion:252 Resp: 967565

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

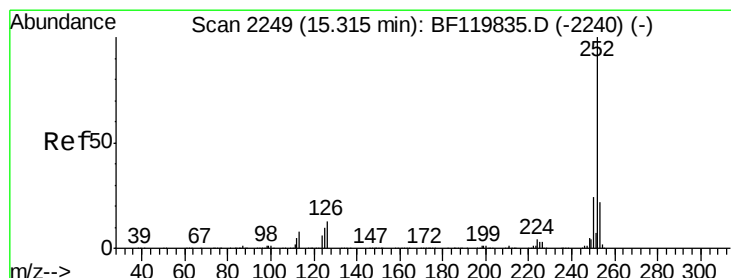
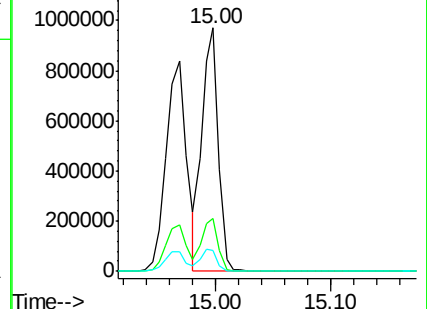
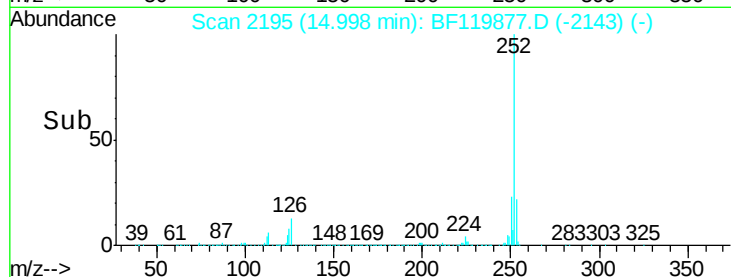
125 8.4 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.999 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

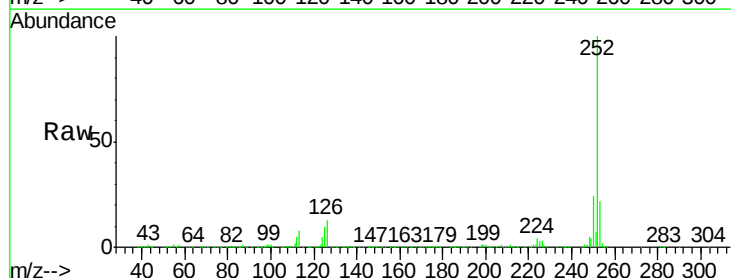
Tgt Ion:252 Resp: 785935

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

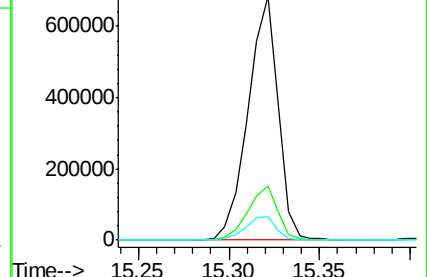
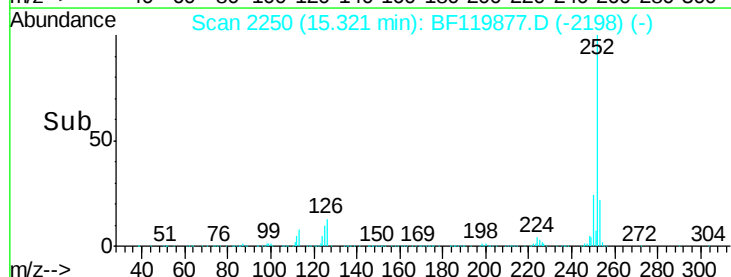
125 9.7 8.3 12.5

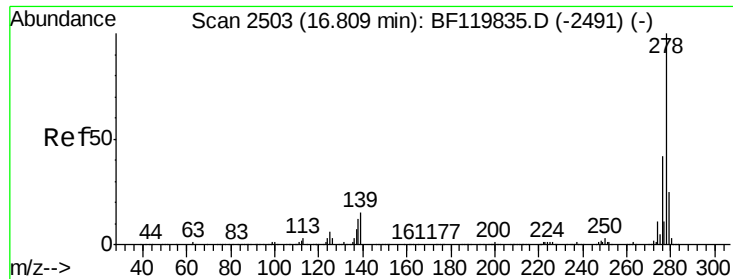


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

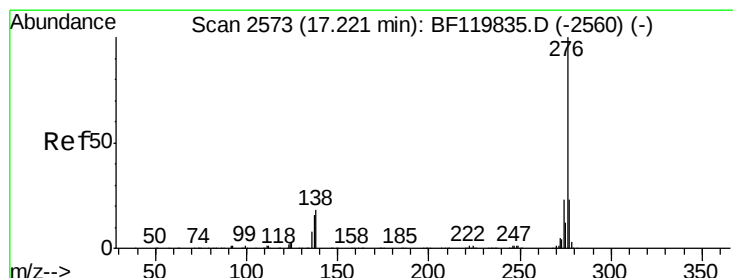
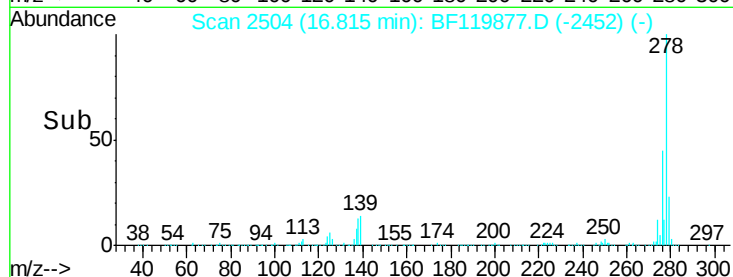
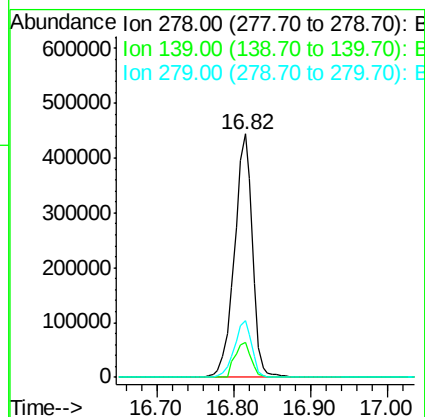
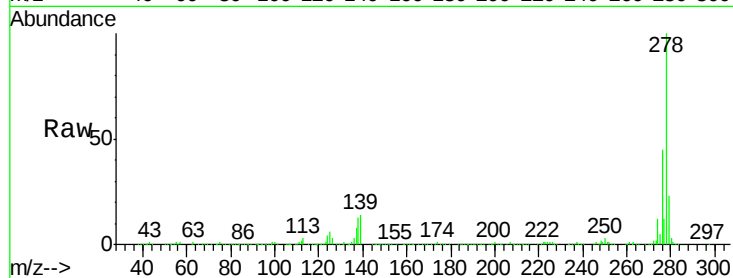




#91
Dibenzo(a,h)anthracene
Concen: 49.061 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 726717
Ion Ratio Lower Upper
278 100
139 14.4 11.6 17.4
279 23.2 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 45.144 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF119877.D
Acq: 9 Apr 2020 18:45

Tgt Ion:276 Resp: 660064
Ion Ratio Lower Upper
276 100
277 24.2 18.5 27.7
138 18.5 14.6 22.0

