

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119878.D
 Acq On : 9 Apr 2020 19:12
 Operator : MA/SJ
 Sample : L2172-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:29:19 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	174140	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	679591	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	282905	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	449574	20.00	ng	0.00
76) Chrysene-d12	13.94	240	309842	20.00	ng	0.00
87) Perylene-d12	15.38	264	315908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1523594	151.20	ng	0.02
7) Phenol-d6	6.42	99	2011352	154.91	ng	0.01
23) Nitrobenzene-d5	7.35	82	1274314	97.01	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	532339	153.69	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2291452	115.00	ng	0.00
79) Terphenyl-d14	12.89	244	1830766	99.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	204102	45.477	ng	99
3) Pyridine	3.23	79	608620	49.426	ng	95
4) n-Nitrosodimethylamine	3.19	42	392963	62.460	ng	98
6) Aniline	6.43	93	708452	41.572	ng	# 1
8) 2-Chlorophenol	6.56	128	669403	59.456	ng	97
9) Benzaldehyde	6.32	77	365195	Below Cal		98
10) Phenol	6.43	94	864529	58.691	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	629687	55.364	ng	97
12) 1,3-Dichlorobenzene	6.71	146	670051	54.361	ng	98
13) 1,4-Dichlorobenzene	6.79	146	700778	55.812	ng	97
14) 1,2-Dichlorobenzene	6.95	146	662820	57.280	ng	98
15) Benzyl Alcohol	6.92	79	586973	58.204	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1195015	53.995	ng	97
17) 2-Methylphenol	7.04	107	553208	55.059	ng	93
18) Hexachloroethane	7.29	117	247613	52.768	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	477169	57.150	ng	97
20) 3+4-Methylphenols	7.19	107	664242	54.055	ng	95
22) Acetophenone	7.19	105	890579	55.962	ng	# 95
24) Nitrobenzene	7.36	77	749338	56.705	ng	98
25) Isophorone	7.60	82	1312017	51.811	ng	99
26) 2-Nitrophenol	7.67	139	387622	58.712	ng	98
27) 2,4-Dimethylphenol	7.72	122	619615	62.228	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	901845	60.522	ng	99
29) 2,4-Dichlorophenol	7.92	162	583387	57.159	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	633834	54.808	ng	99
31) Naphthalene	8.08	128	1954095	54.652	ng	99
32) Benzoic acid	7.87	122	467142	53.419	ng	98
33) 4-Chloroaniline	8.13	127	292381	18.784	ng	97
34) Hexachlorobutadiene	8.20	225	346394	50.038	ng	99
35) Caprolactam	8.57	113	52220	16.726	ng	94
36) 4-Chloro-3-methylphenol	8.62	107	584341	52.881	ng	97
37) 2-Methylnaphthalene	8.77	142	1260766	52.010	ng	99
38) 1-Methylnaphthalene	8.87	142	1148496	50.266	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	538368	60.251	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	301407	59.321	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	388053	62.891	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	399297	57.457	nq	98
46) 1,1'-Biphenyl	9.24	154	1424638	59.661	nq	98
47) 2-Chloronaphthalene	9.26	162	1103463	59.987	nq	96
48) 2-Nitroaniline	9.36	65	414389	62.164	nq	98
49) Acenaphthylene	9.68	152	1661459	59.390	nq	99
50) Dimethylphthalate	9.55	163	1604443	73.322	nq	99
51) 2,6-Dinitrotoluene	9.60	165	292888	61.122	nq	99
52) Acenaphthene	9.85	154	986365	52.856	nq	99
53) 3-Nitroaniline	9.77	138	176288	32.212	nq	97
54) 2,4-Dinitrophenol	9.88	184	157295	54.828	nq	97
55) Dibenzofuran	10.02	168	1633167	63.776	nq	97
56) 4-Nitrophenol	9.95	139	458304	112.550	nq	99
57) 2,4-Dinitrotoluene	10.01	165	394949	62.558	nq	93
58) Fluorene	10.37	166	1248606	60.967	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	341988	64.342	nq	99
60) Diethylphthalate	10.25	149	1474061	64.995	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	611221	58.230	nq	97
62) 4-Nitroaniline	10.39	138	282639	54.191	nq	97
63) Azobenzene	10.52	77	1307656	64.337	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	125592	42.403	nq	84
66) n-Nitrosodiphenylamine	10.48	169	1145517	76.615	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	391956	70.106	nq	98
68) Hexachlorobenzene	10.92	284	397079	70.010	nq	95
69) Atrazine	11.01	200	315564	75.857	nq	96
70) Pentachlorophenol	11.11	266	388656	118.909	nq	100
71) Phenanthrene	11.33	178	1415951	59.178	nq	98
72) Anthracene	11.38	178	1473390	60.280	nq	99
73) Carbazole	11.53	167	1328378	57.469	nq	99
74) Di-n-butylphthalate	11.87	149	1850872	60.911	nq	99
75) Fluoranthene	12.52	202	1464323	56.720	nq	98
77) Benzidine	12.64	184	890418	85.016	nq	96
78) Pyrene	12.75	202	1389252	53.187	nq	100
80) Butylbenzylphthalate	13.37	149	678935	53.567	nq	96
81) Benzo(a)anthracene	13.93	228	1160716	56.944	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	447662	58.860	nq	96
83) Chrysene	13.97	228	1161372	56.074	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	928829	54.116	nq	98
85) Di-n-octyl phthalate	14.54	149	1619559	55.418	nq	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1114859	61.065	nq	100
88) Benzo(b)fluoranthene	14.97	252	1329641	58.508	nq	100
89) Benzo(k)fluoranthene	15.00	252	1038693	52.973	nq	99
90) Benzo(a)pyrene	15.33	252	1110670	58.127	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	932619	55.102	nq	100
92) Benzo(g,h,i)perylene	17.23	276	907860	54.340	nq	99

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

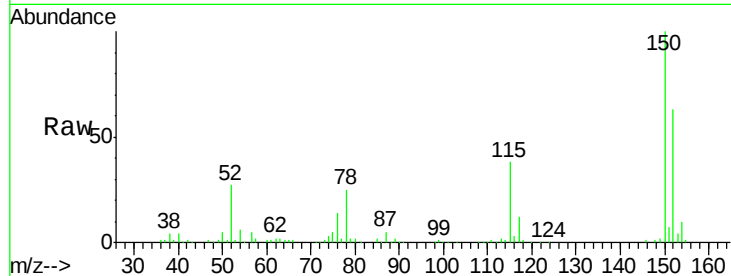


#1

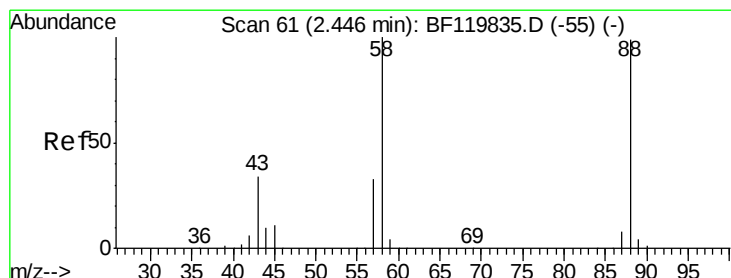
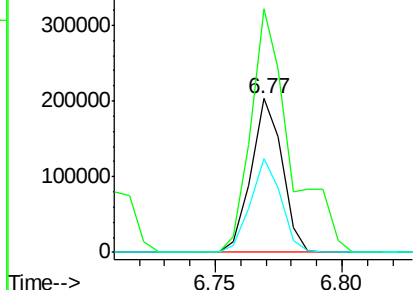
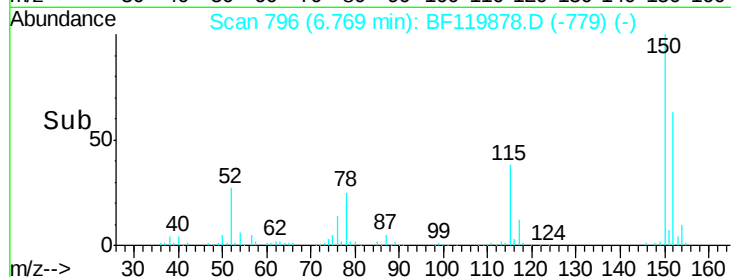
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174140
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 60.9 46.5 69.7



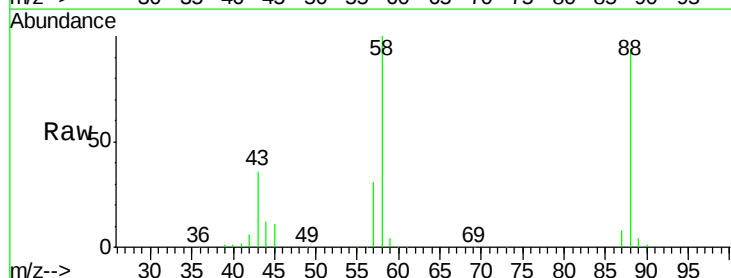
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



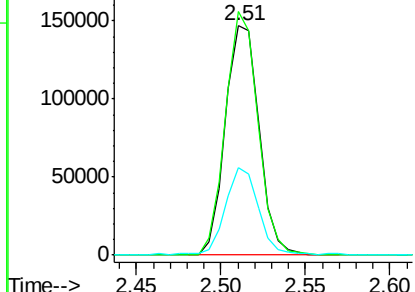
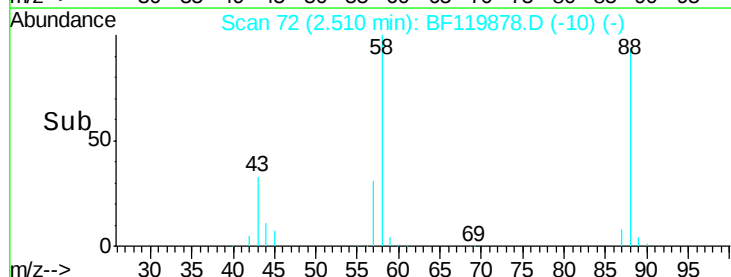
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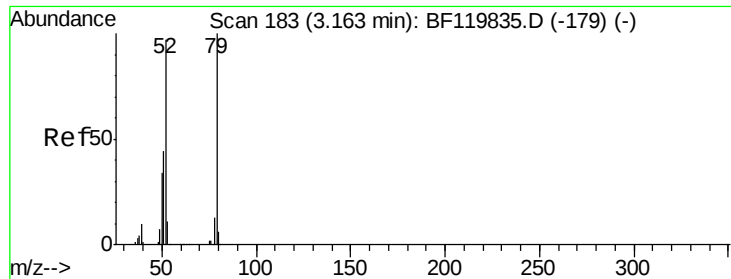
1,4-Dioxane
Concen: 45.477 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.06 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion: 88 Resp: 204102
Ion Ratio Lower Upper
88 100
58 102.2 82.6 123.8
43 36.6 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: 49.426 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.07 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

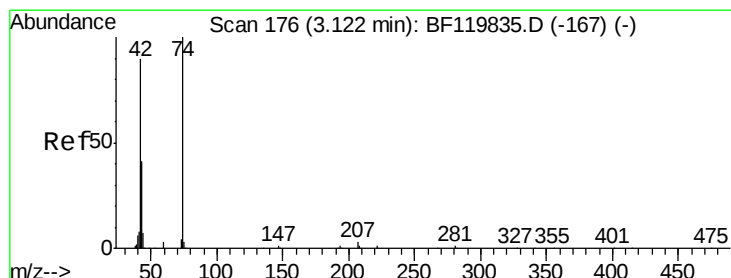
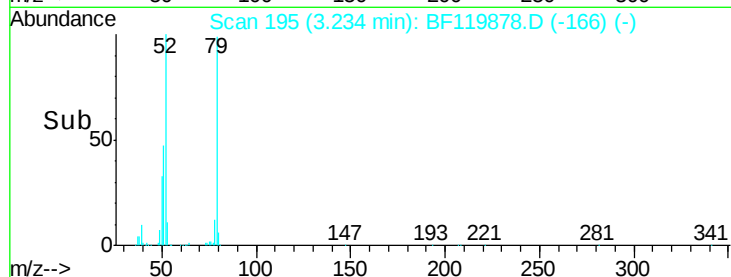
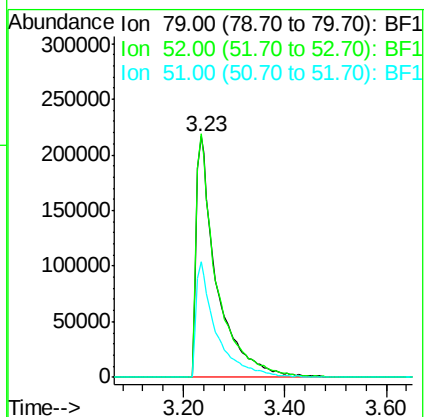
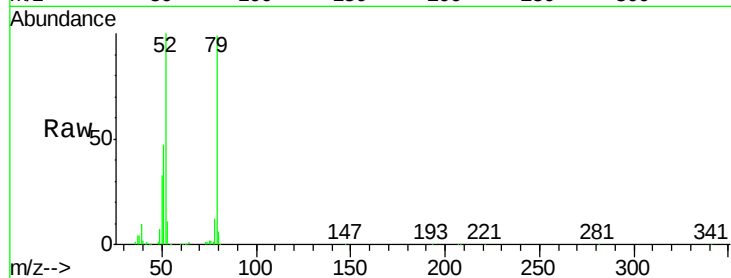
Tot Ion: 79 Resp: 608620

Ion Ratio Lower Upper

79 100

52 101.1 77.4 116.0

51 47.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 62.460 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.07 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

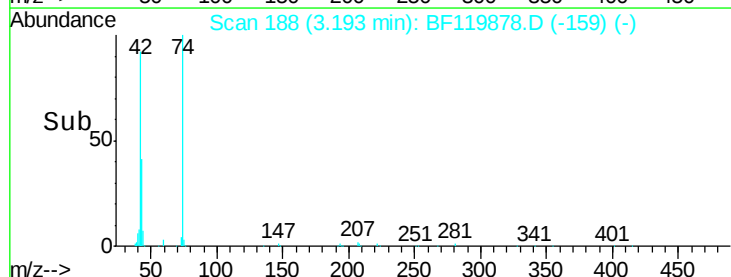
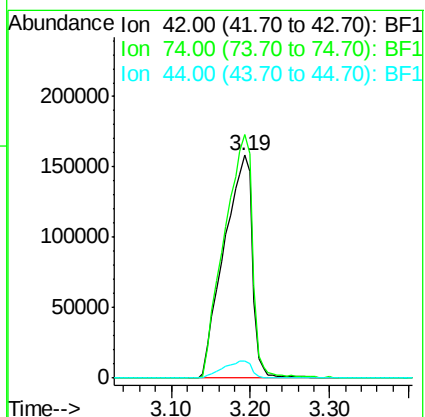
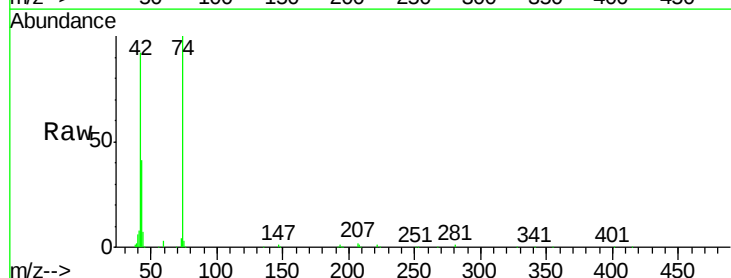
Tgt Ion: 42 Resp: 392963

Ion Ratio Lower Upper

42 100

74 109.2 89.0 133.4

44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 151.203 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

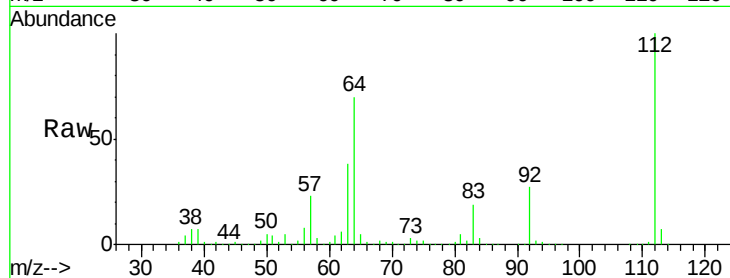
Tot Ion:112 Resp: 1523594

Ion Ratio Lower Upper

112 100

64 70.3 55.5 83.3

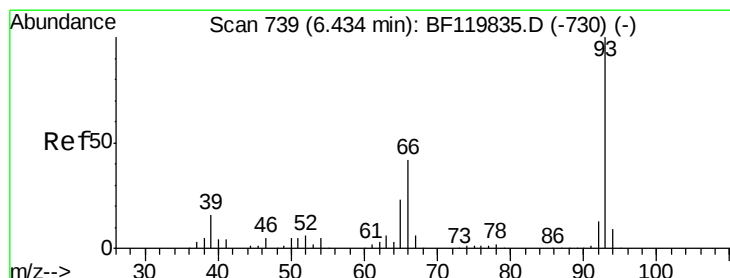
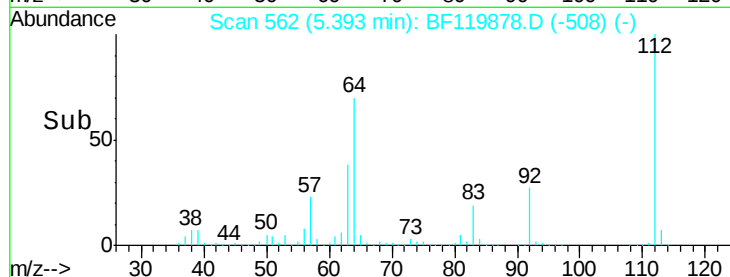
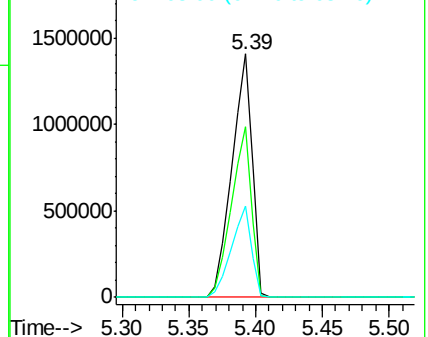
63 37.5 29.1 43.7



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: 41.572 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

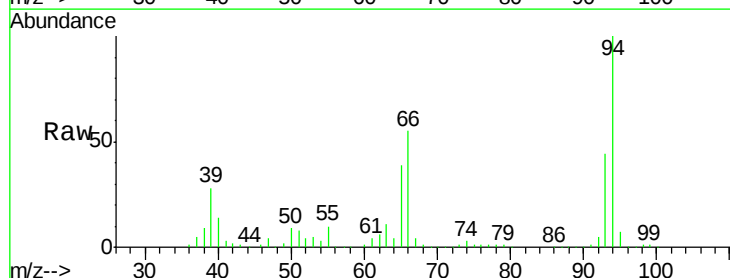
Tgt Ion: 93 Resp: 708452

Ion Ratio Lower Upper

93 100

66 125.0 34.2 51.2#

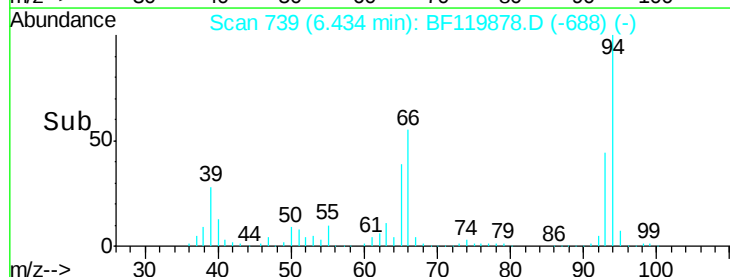
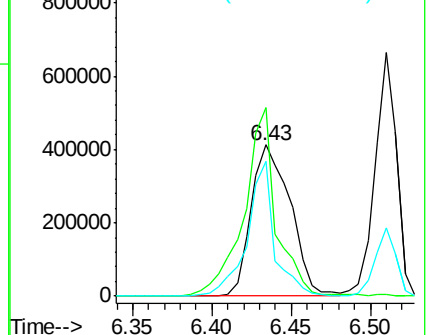
65 89.4 18.3 27.5#

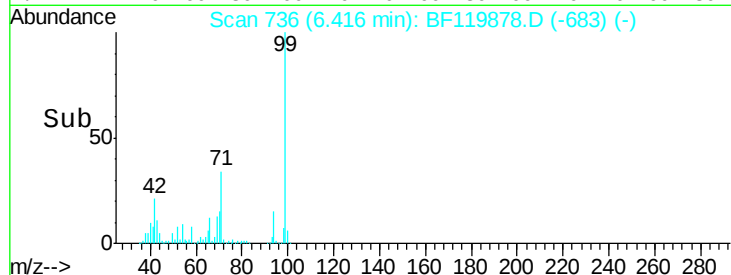
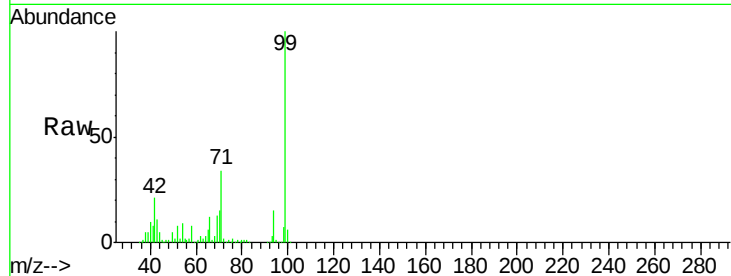
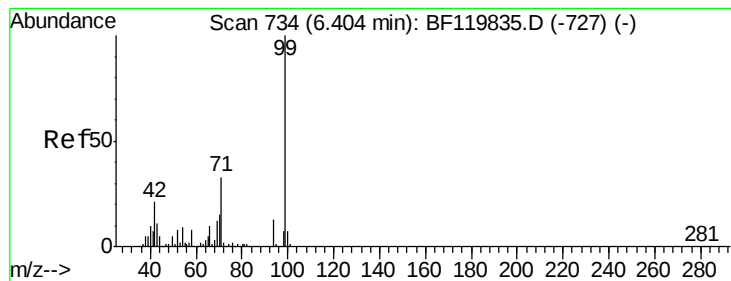


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.910 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

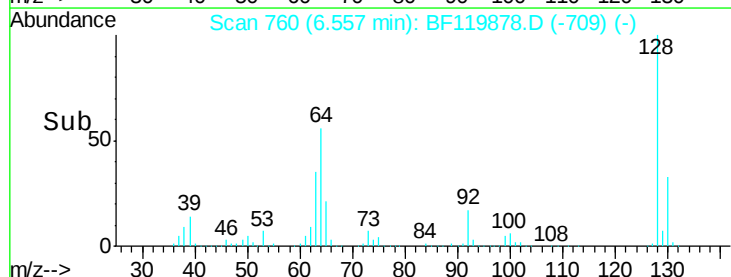
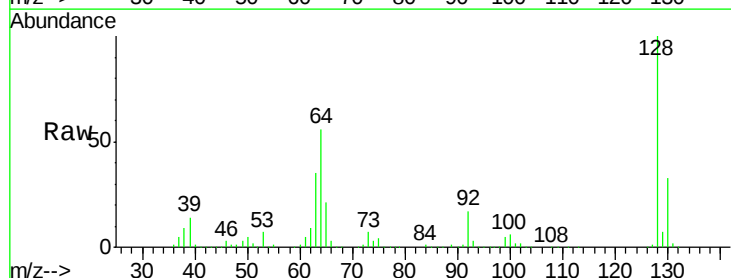
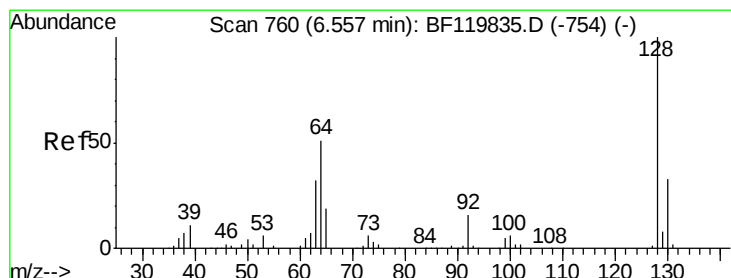
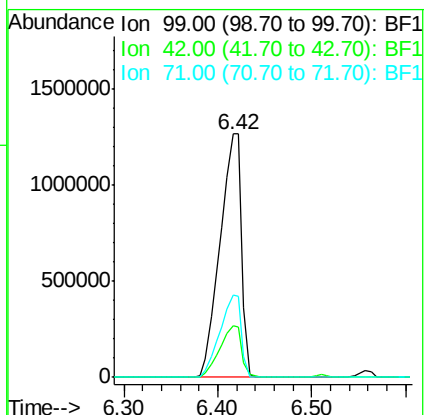
Tot Ion: 99 Resp: 2011352

Ion Ratio Lower Upper

99 100

42 21.2 16.9 25.3

71 33.6 26.3 39.5



#8

2-Chlorophenol

Concen: 59.456 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

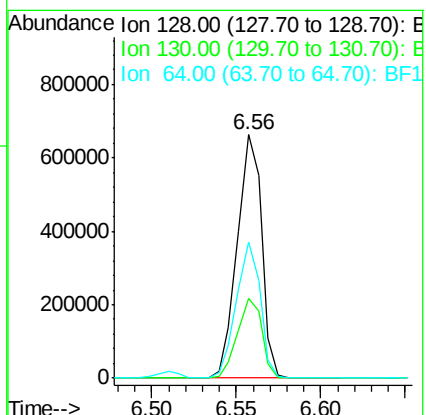
Tgt Ion:128 Resp: 669403

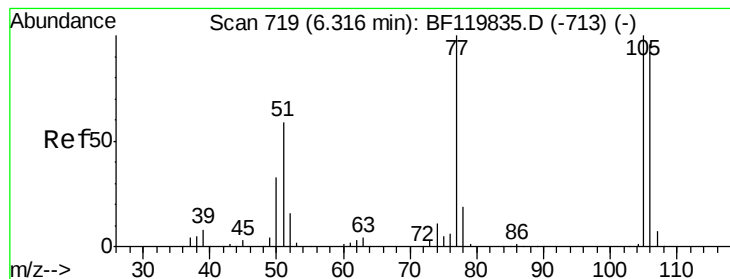
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 55.7 32.0 72.0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

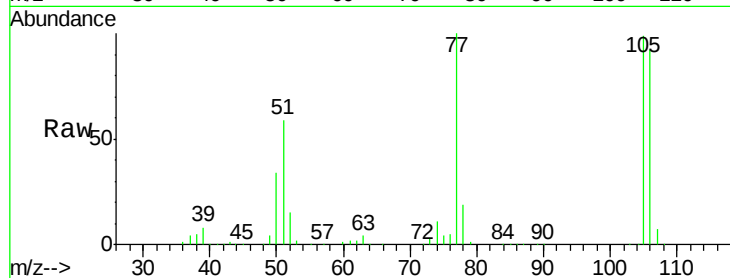
Tot Ion: 77 Resp: 365195

Ion Ratio Lower Upper

77 100

105 99.3 79.9 119.9

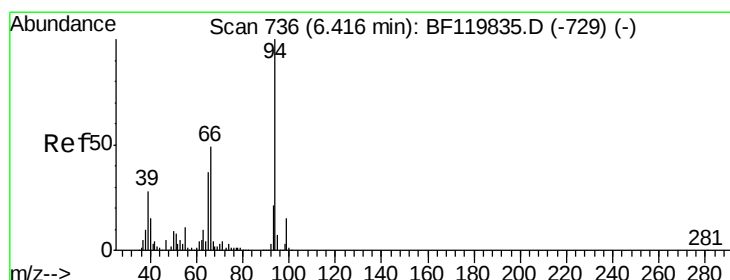
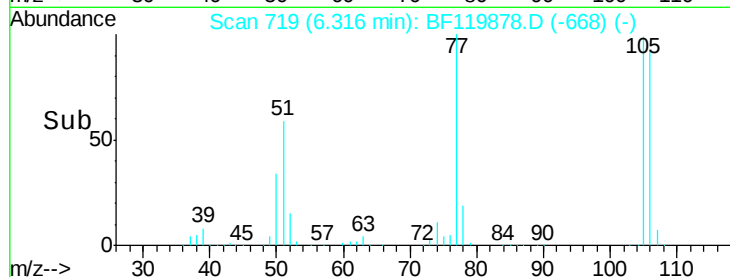
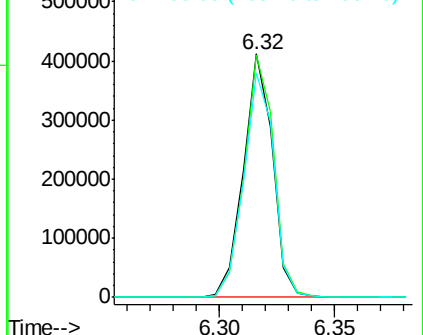
106 92.3 76.4 116.4



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: 58.691 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

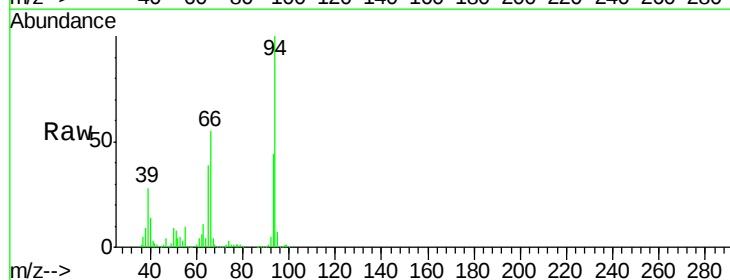
Tgt Ion: 94 Resp: 864529

Ion Ratio Lower Upper

94 100

65 39.5 16.6 56.6

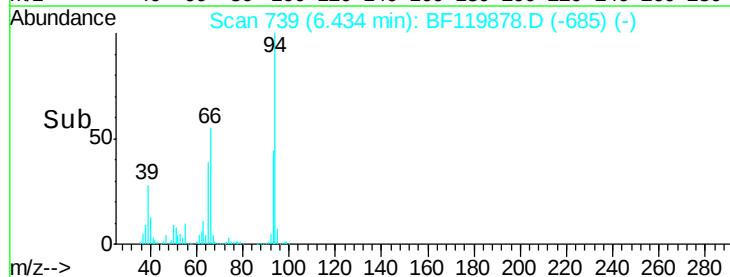
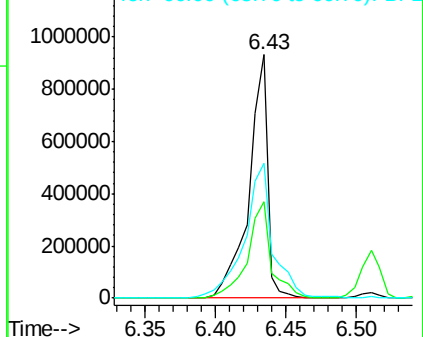
66 55.2 29.3 69.3

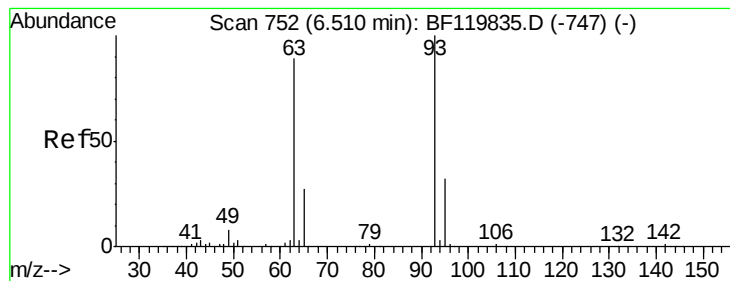


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 55.364 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampled :

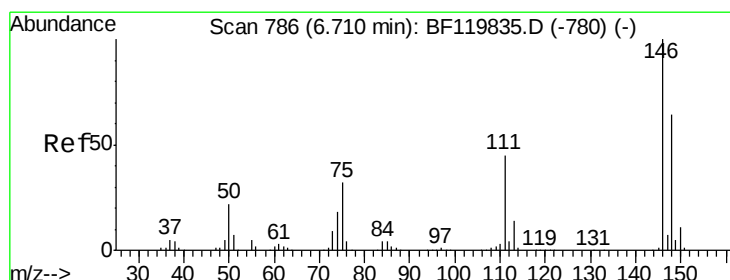
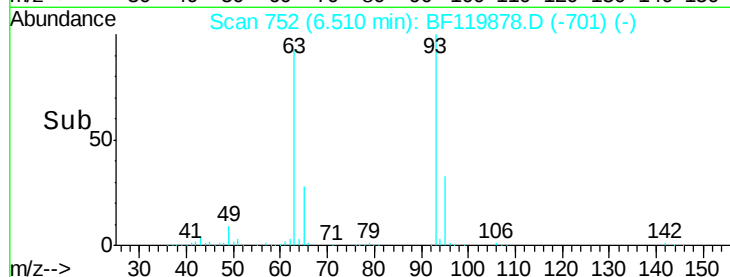
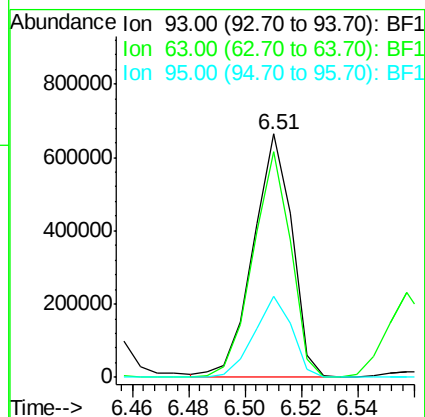
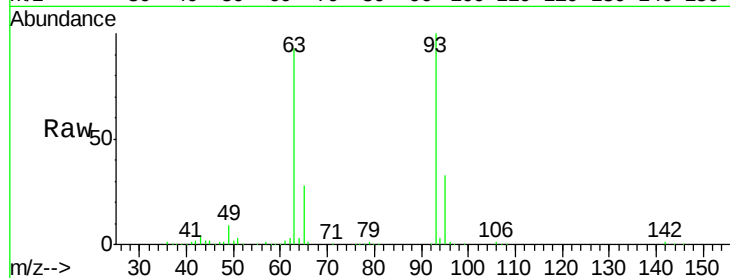
Tot Ion: 93 Resp: 629687

Ion Ratio Lower Upper

93 100

63 92.6 69.1 109.1

95 33.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 54.361 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

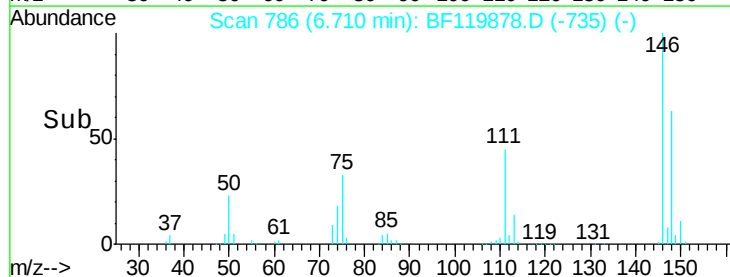
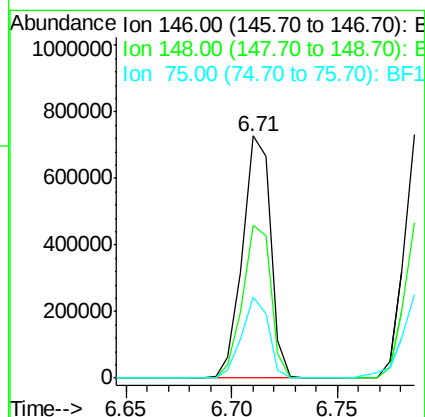
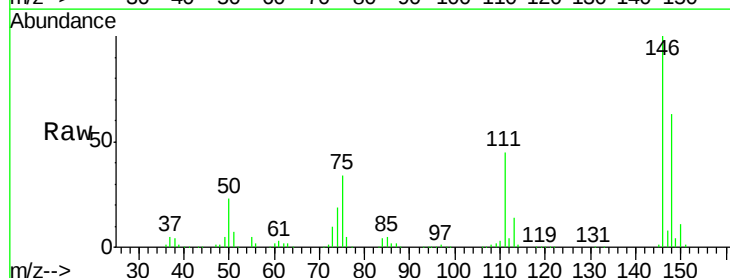
Tgt Ion: 146 Resp: 670051

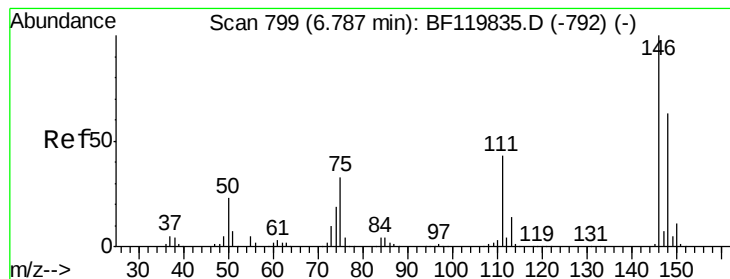
Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

75 33.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 55.812 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampled :

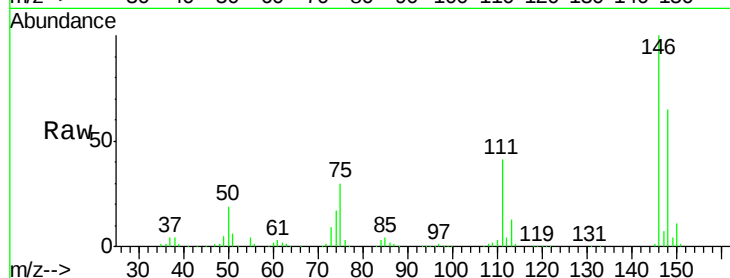
Tot Ion:146 Resp: 700778

Ion Ratio Lower Upper

146 100

148 65.0 50.5 75.7

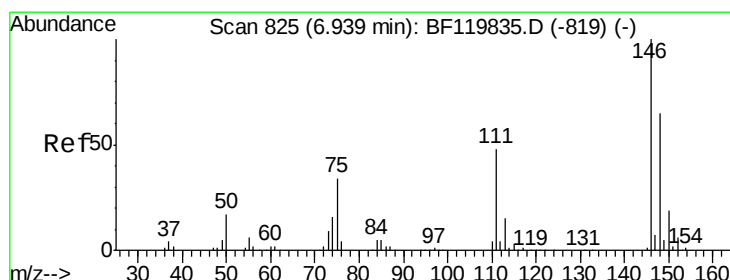
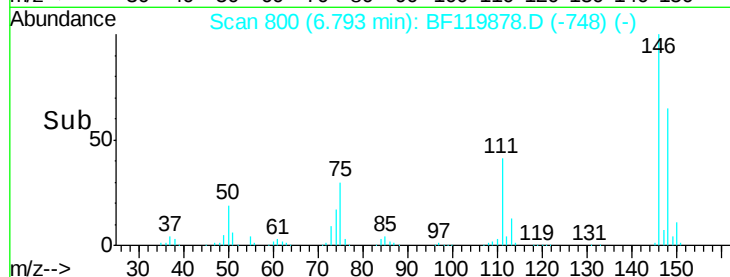
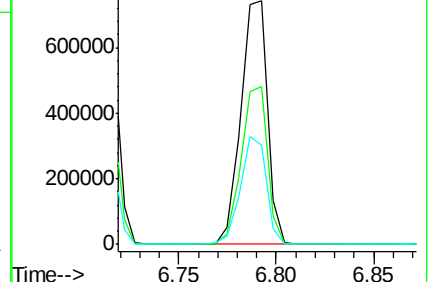
111 40.8 34.7 52.1



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: 57.280 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

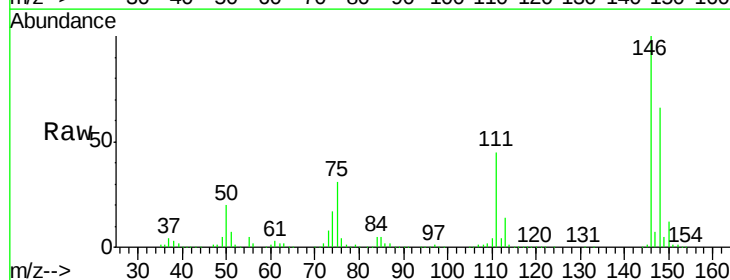
Tgt Ion:146 Resp: 662820

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

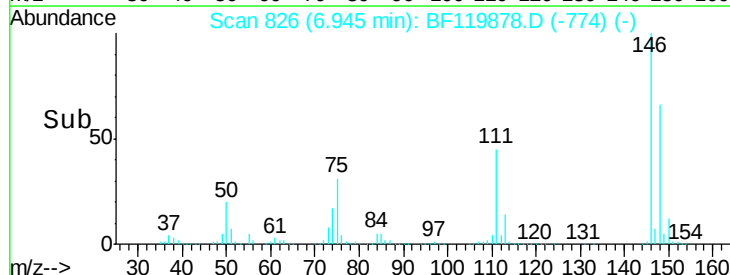
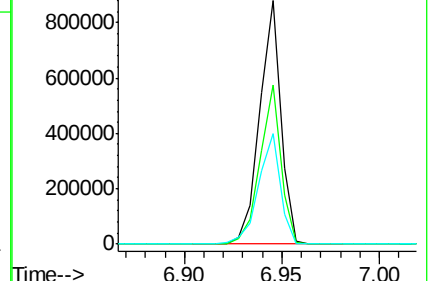
111 45.2 38.0 57.0

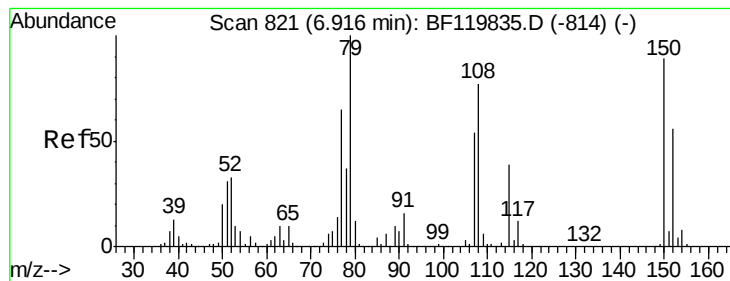


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.204 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

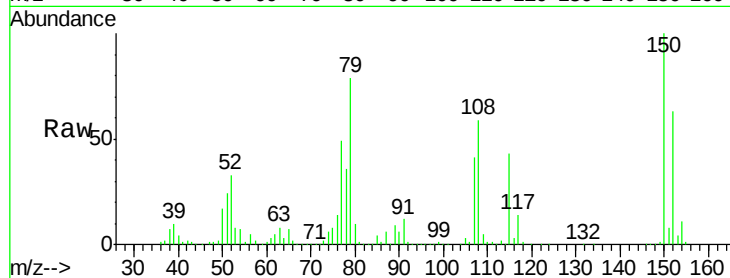
Tot Ion: 79 Resp: 586973

Ion Ratio Lower Upper

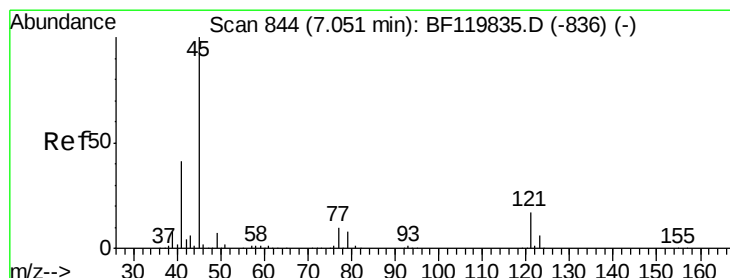
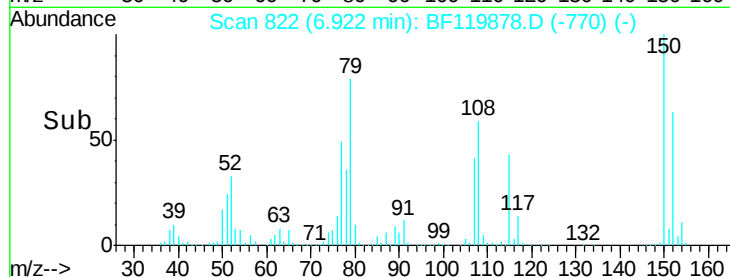
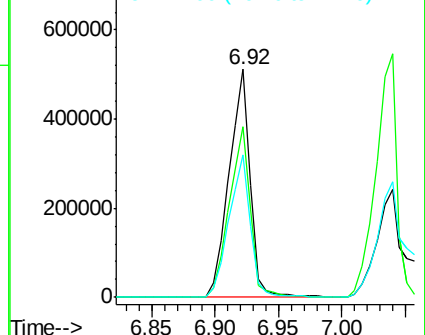
79 100

108 75.0 62.0 93.0

77 62.5 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: 53.995 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

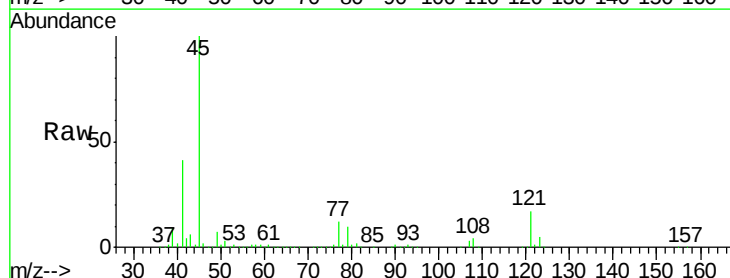
Tgt Ion: 45 Resp: 1195015

Ion Ratio Lower Upper

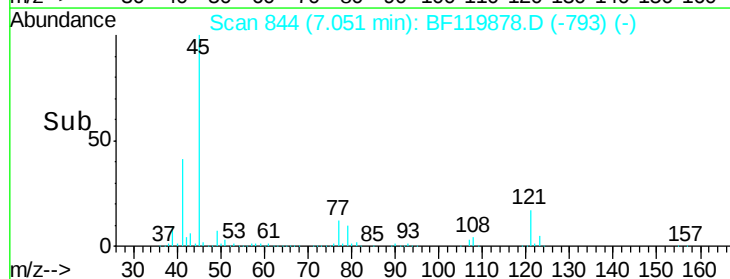
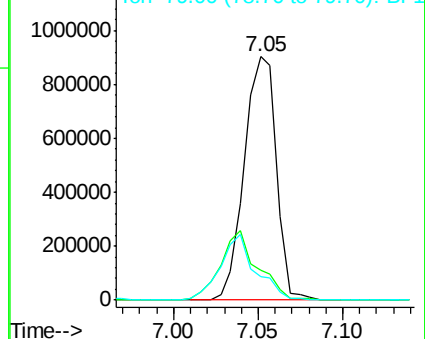
45 100

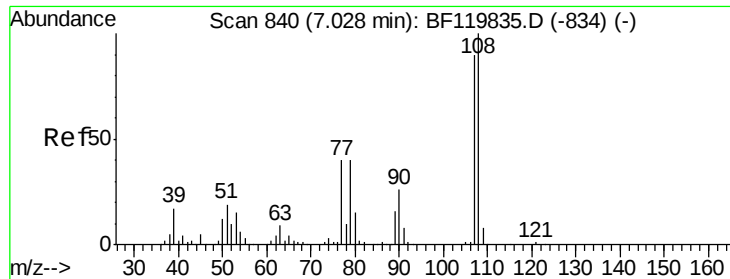
77 12.3 0.0 30.7

79 9.6 0.0 28.6



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

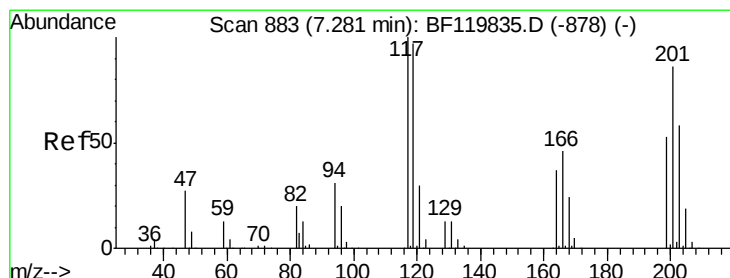
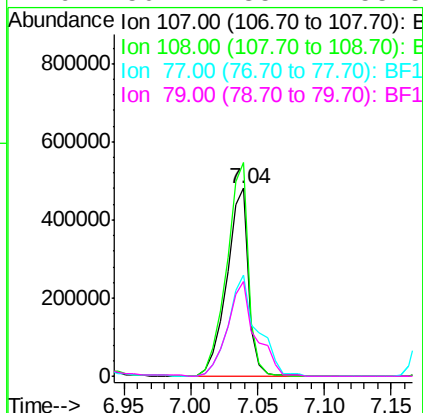
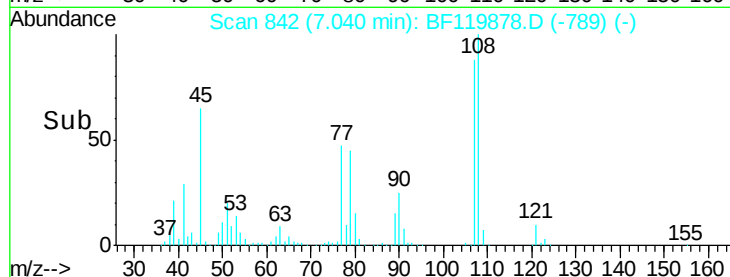
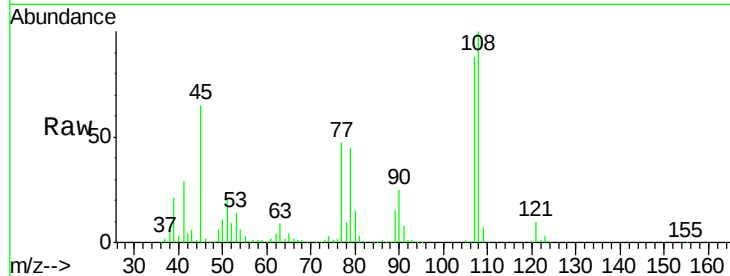




#17
2-Methylphenol
Concen: 55.059 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

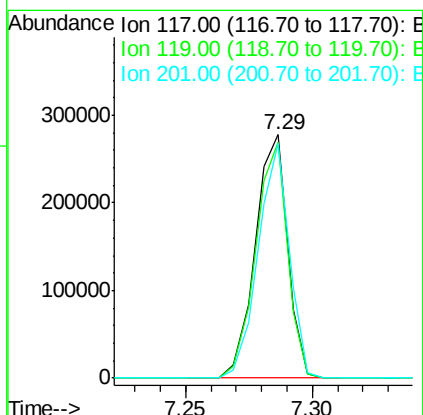
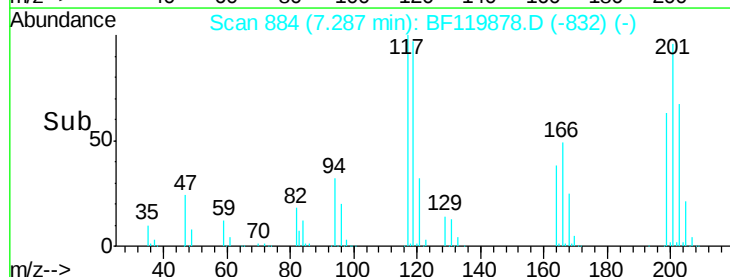
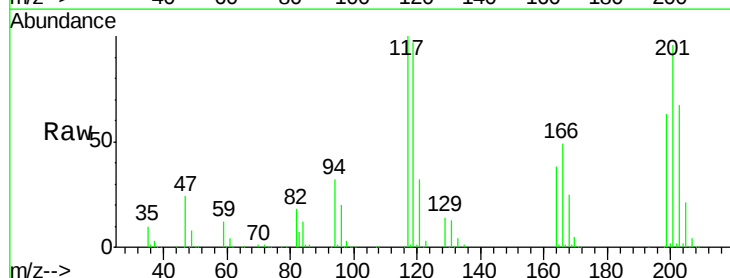
Instrument :
BNA_F
ClientSampleId :

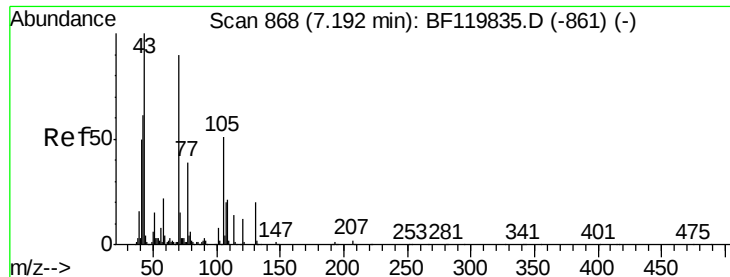
Tot Ion:107 Resp: 553208
Ion Ratio Lower Upper
107 100
108 113.8 88.8 133.2
77 53.9 36.0 54.0
79 50.7 35.7 53.5



#18
Hexachloroethane
Concen: 52.768 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:117 Resp: 247613
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 96.4 68.4 102.6

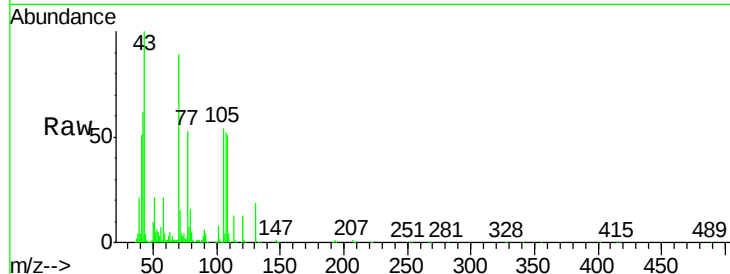




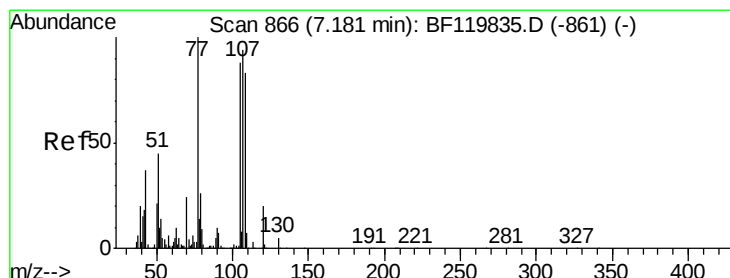
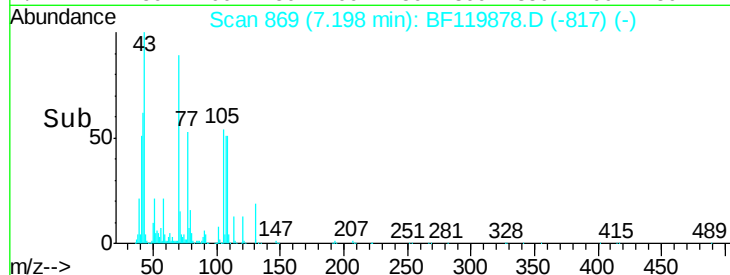
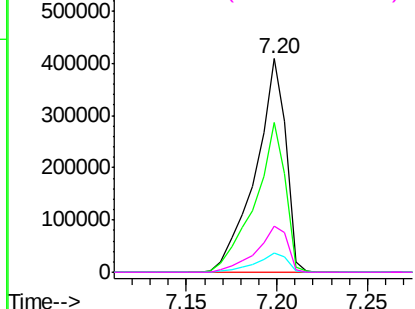
#19
n-Nitroso-di-n-propylamine
Concen: 57.150 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 477169
Ion Ratio Lower Upper
70 100
42 70.3 54.2 81.4
101 9.2 7.4 11.2
130 21.4 17.8 26.6

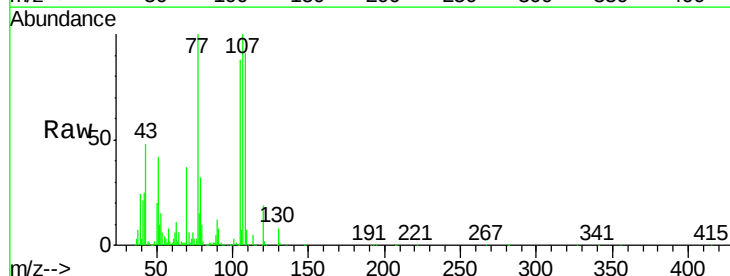


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

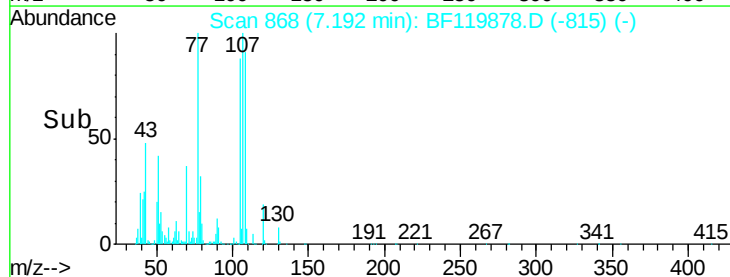
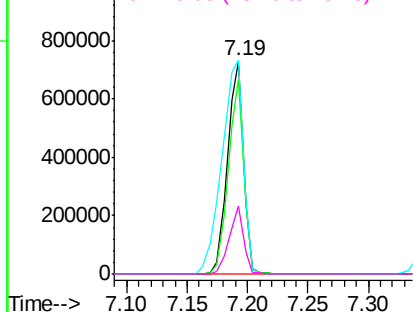


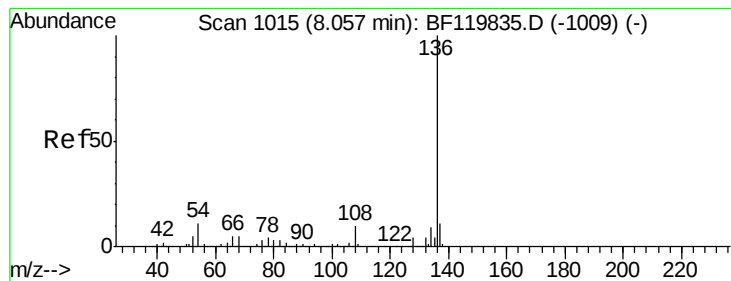
#20
3+4-Methylphenols
Concen: 54.055 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:107 Resp: 664242
Ion Ratio Lower Upper
107 100
108 91.5 68.2 108.2
77 100.3 86.6 126.6
79 32.0 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: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 679591

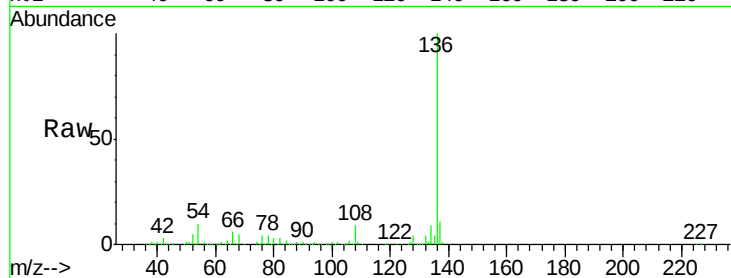
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.5 8.5 12.7

68 5.3 3.9 5.9

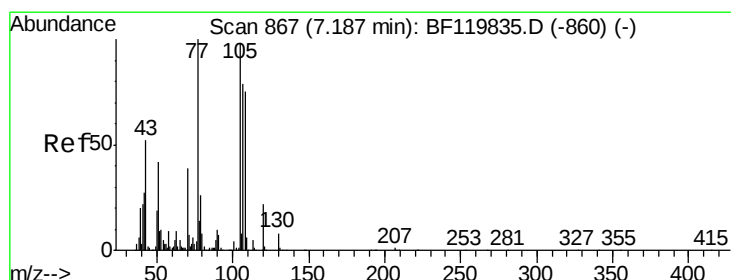
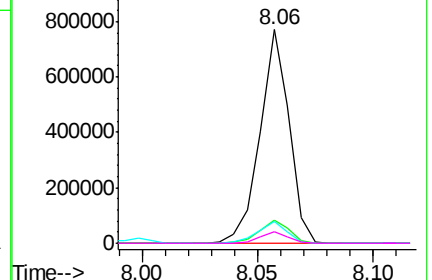
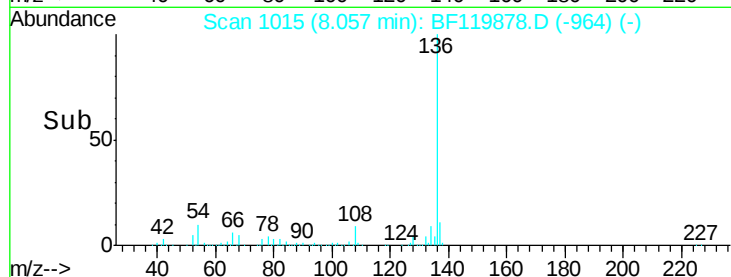


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.962 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:105 Resp: 890579

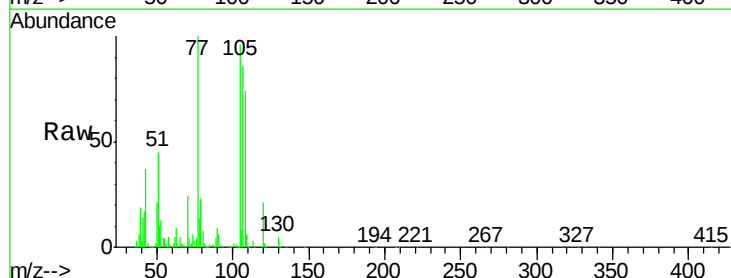
Ion Ratio Lower Upper

105 100

71 3.9 5.6 8.4#

51 46.8 33.9 50.9

120 22.0 17.8 26.8

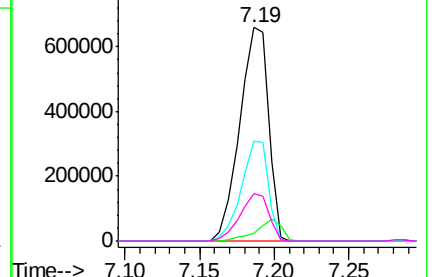
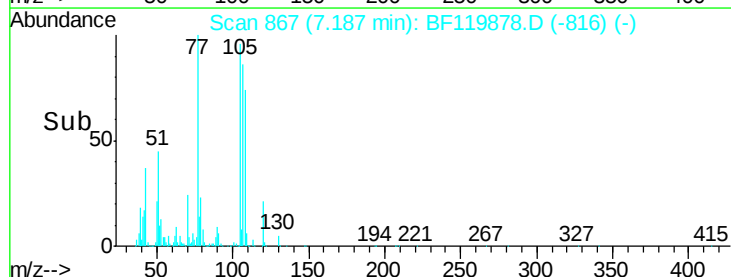


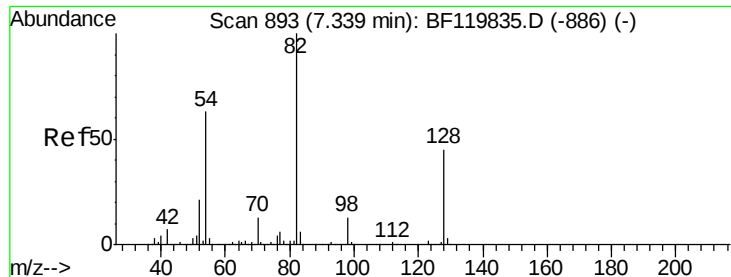
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

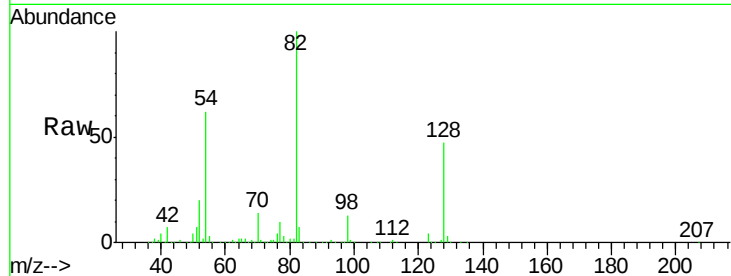




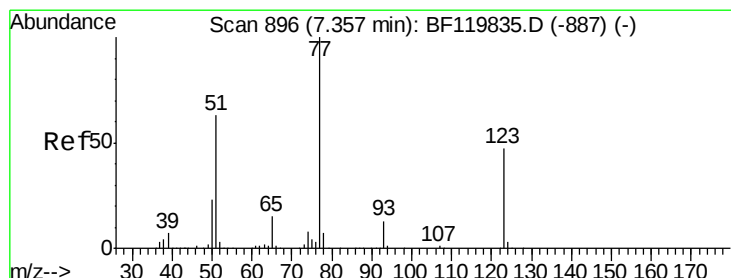
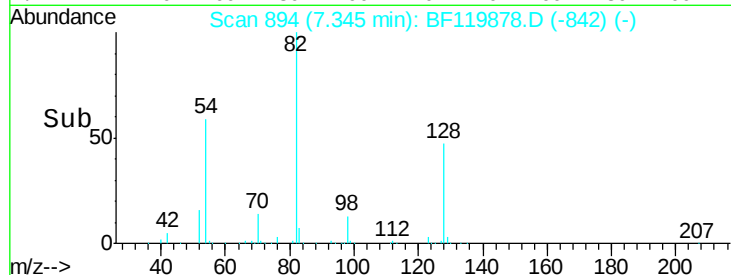
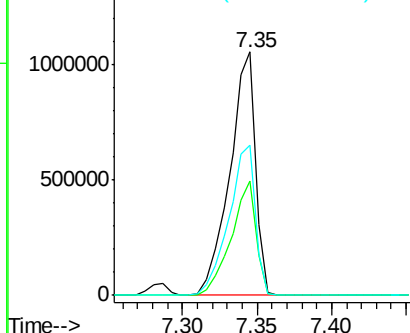
#23
Nitrobenzene-d5
Concen: 97.007 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1274314
Ion Ratio Lower Upper
82 100
128 46.8 36.2 54.4
54 61.6 50.4 75.6

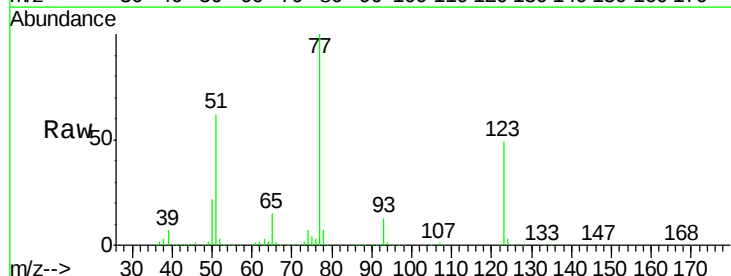


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

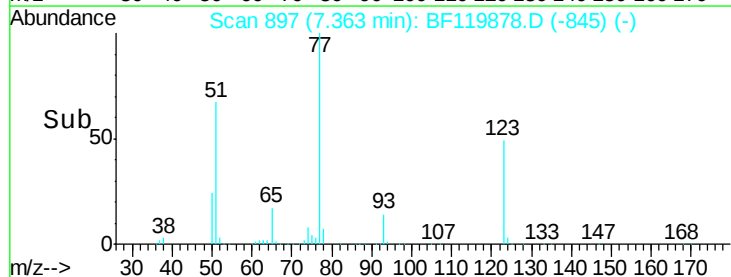
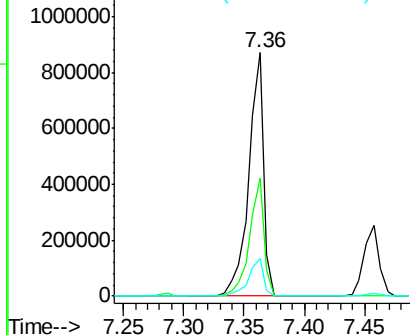


#24
Nitrobenzene
Concen: 56.705 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion: 77 Resp: 749338
Ion Ratio Lower Upper
77 100
123 48.7 37.8 56.8
65 15.5 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: 51.811 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

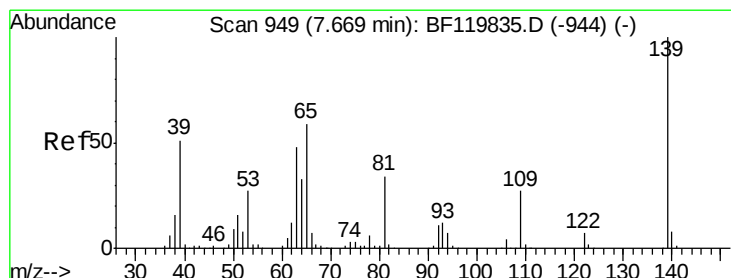
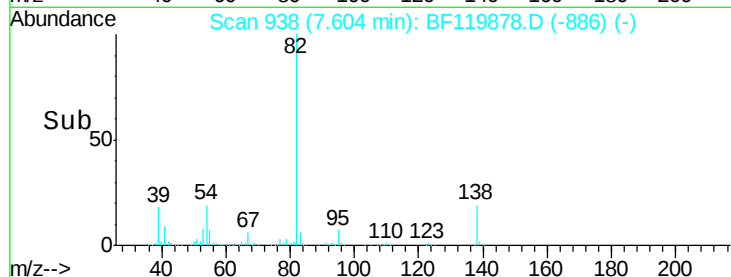
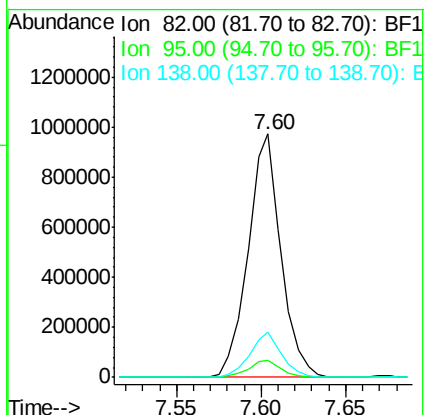
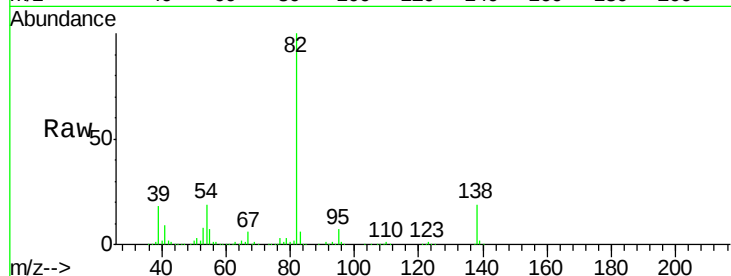
Tot Ion: 82 Resp: 1312017

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 18.5 14.5 21.7



#26

2-Nitrophenol

Concen: 58.712 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

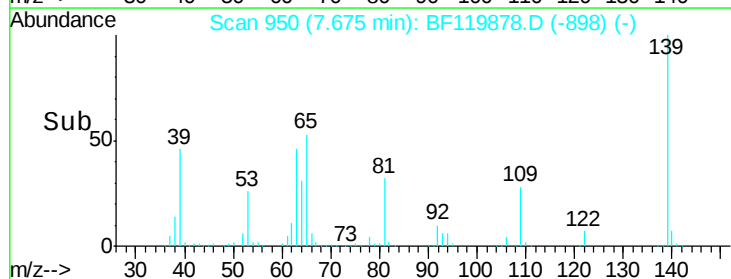
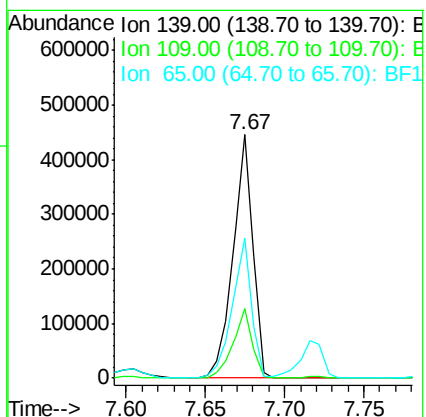
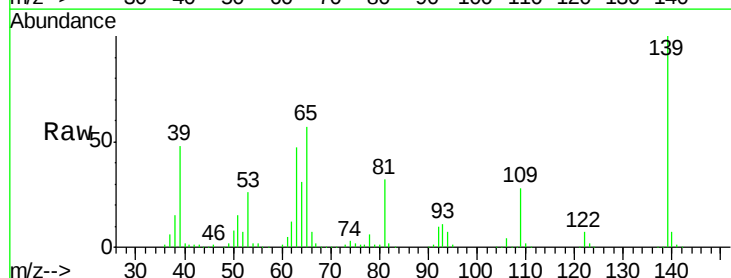
Tgt Ion: 139 Resp: 387622

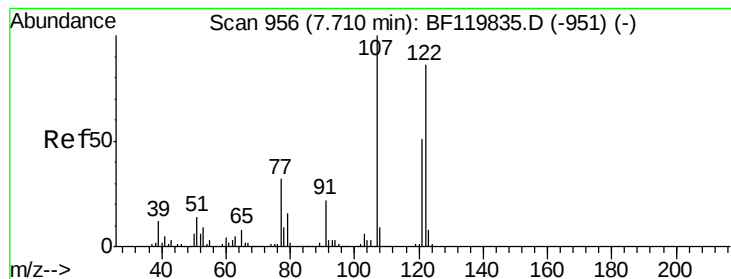
Ion Ratio Lower Upper

139 100

109 28.3 21.8 32.6

65 57.4 47.0 70.4

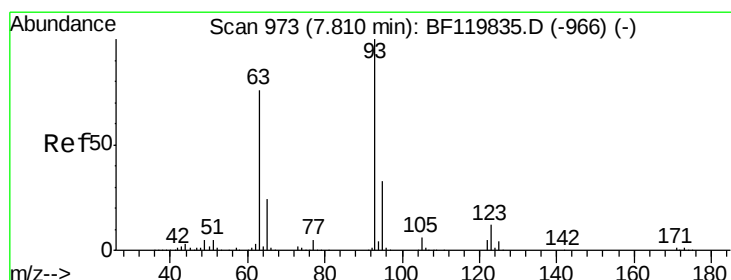
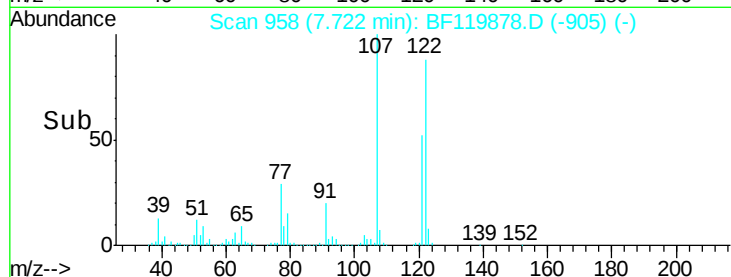
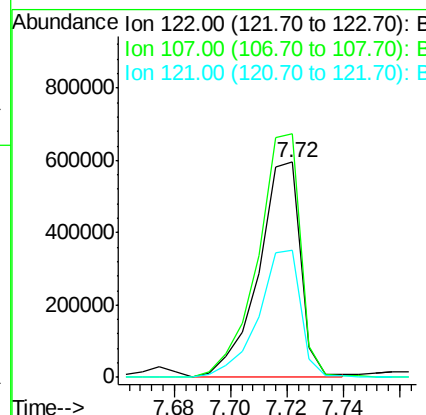
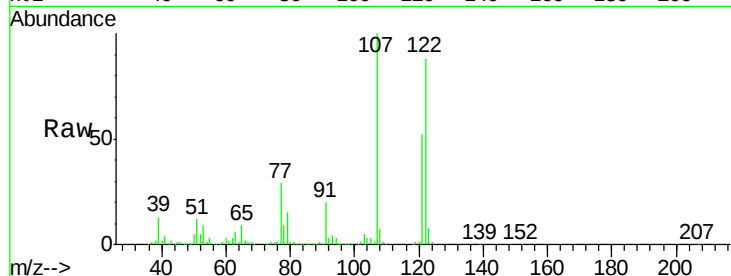




#27
 2,4-Dimethylphenol
 Concen: 62.228 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

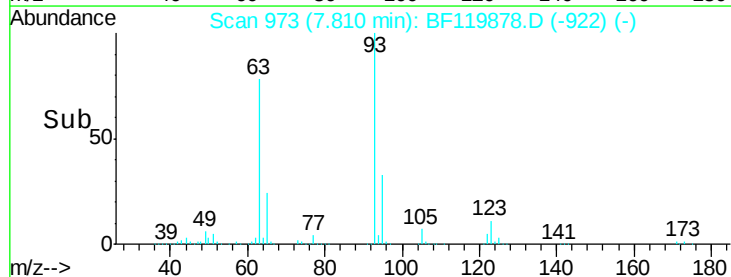
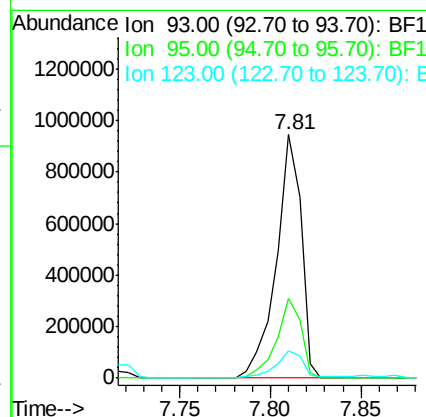
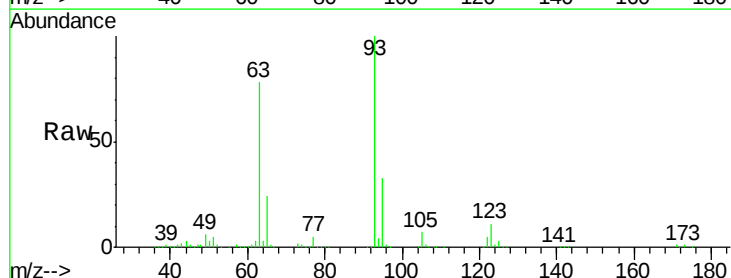
Instrument :
 BNA_F
 ClientSampleId :

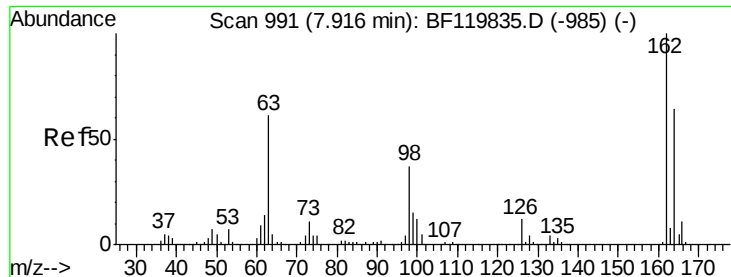
Tot Ion:122 Resp: 619615
 Ion Ratio Lower Upper
 122 100
 107 113.2 92.3 138.5
 121 58.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.522 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion: 93 Resp: 901845
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.3 9.7 14.5

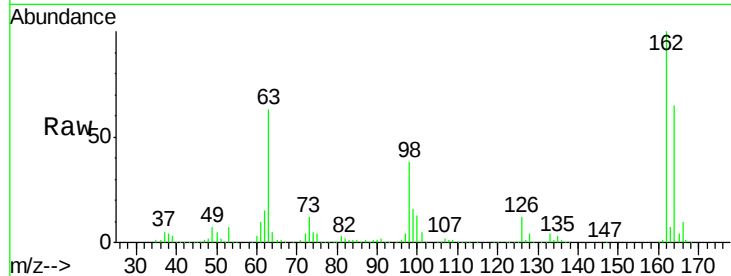




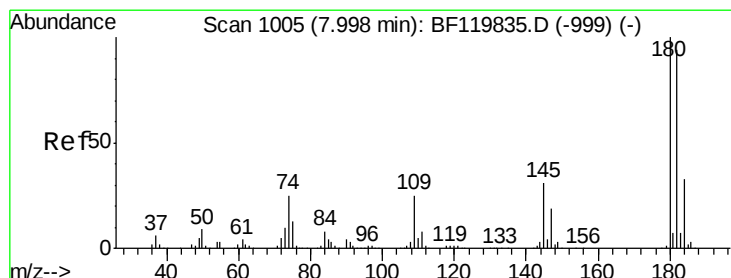
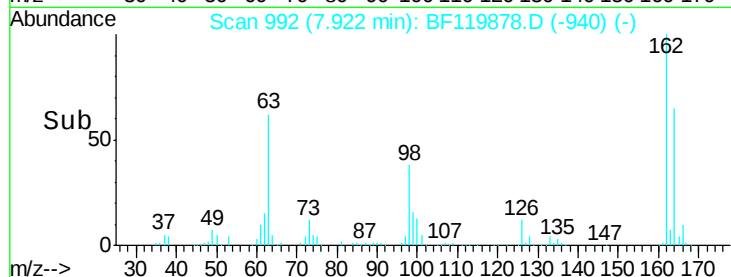
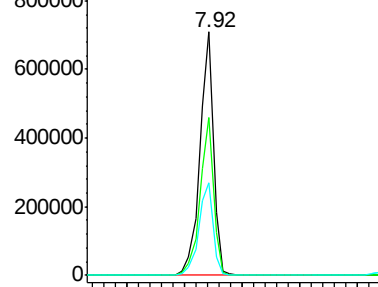
#29
2,4-Dichlorophenol
Concen: 57.159 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	38.2	17.3	57.3

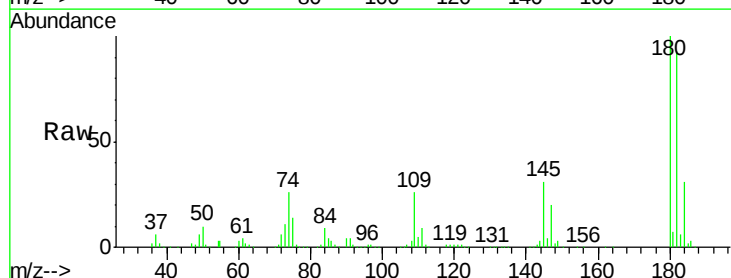


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

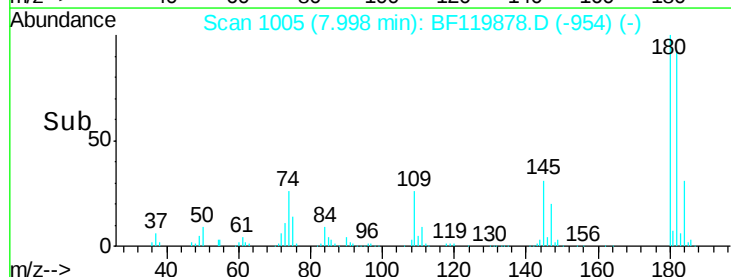
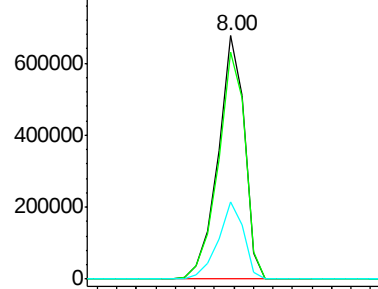


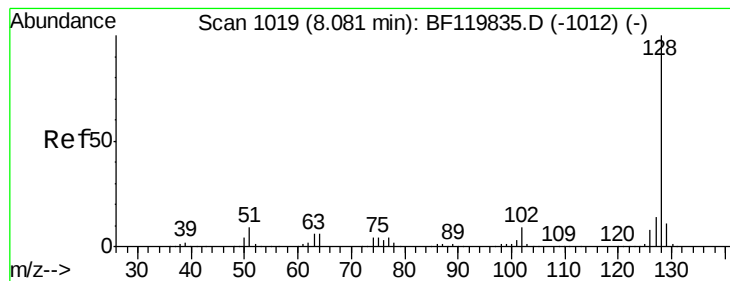
#30
1,2,4-Trichlorobenzene
Concen: 54.808 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.4	113.0
145	31.5	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: 54.652 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

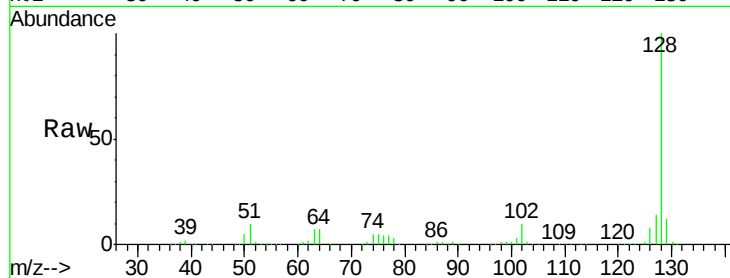
Tot Ion:128 Resp: 1954095

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

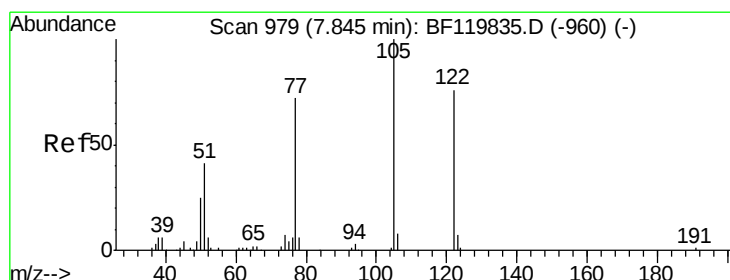
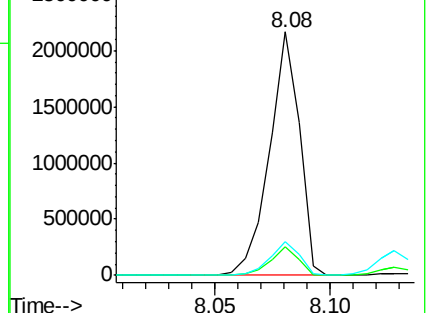
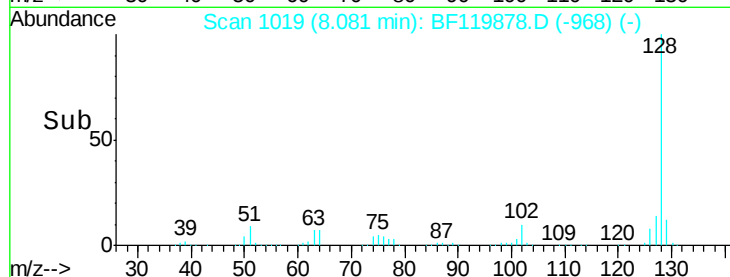
127 13.9 11.0 16.4



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: 53.419 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

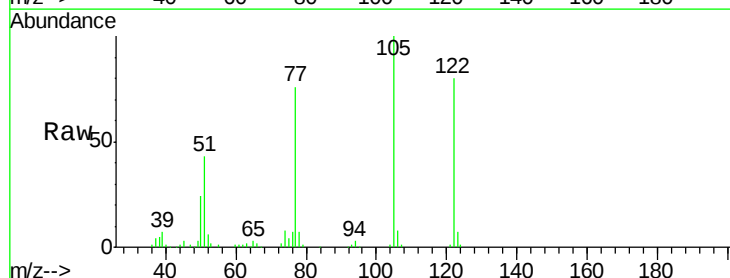
Tgt Ion:122 Resp: 467142

Ion Ratio Lower Upper

122 100

105 125.2 106.7 146.7

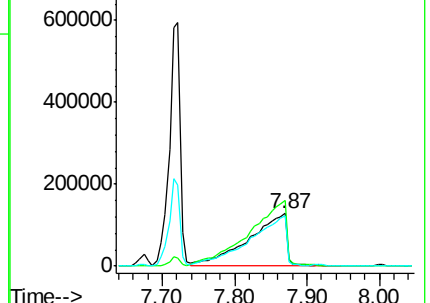
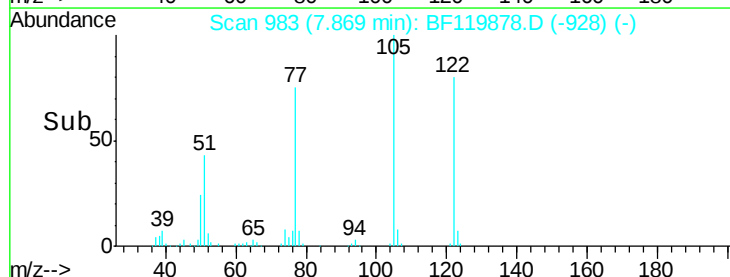
77 94.6 72.1 112.1



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

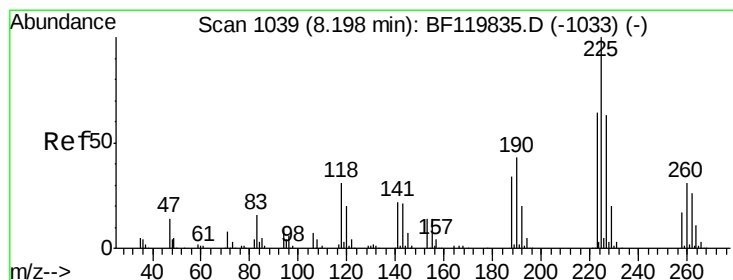
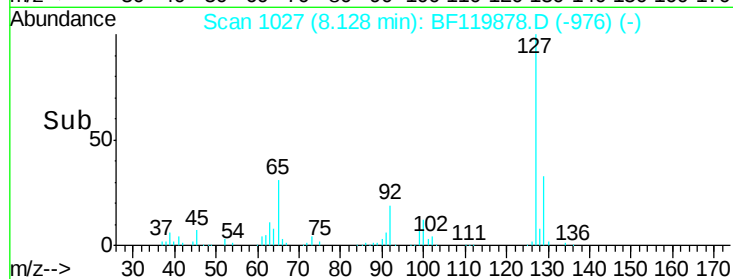
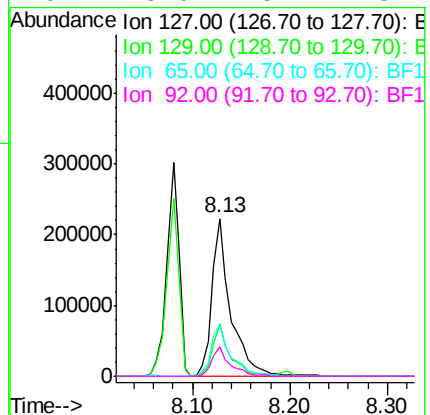
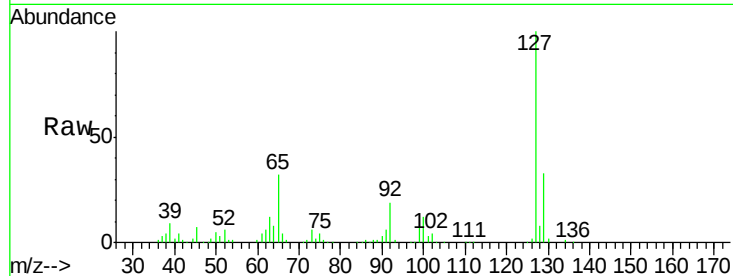




#33
4-Chloroaniline
Concen: 18.784 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

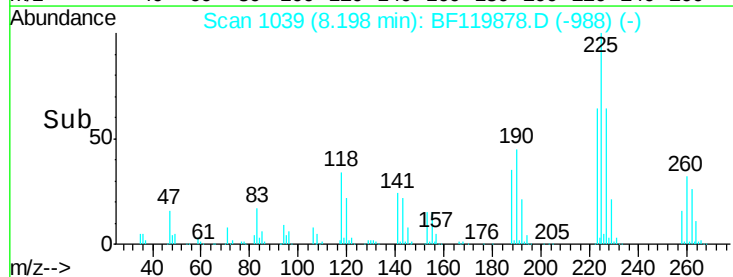
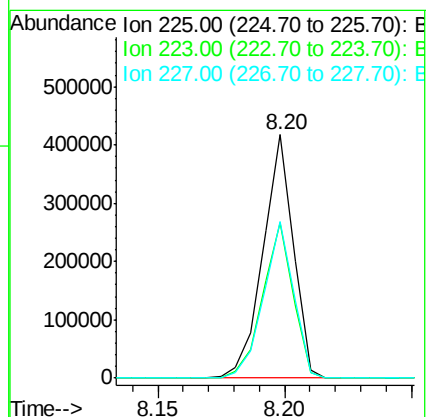
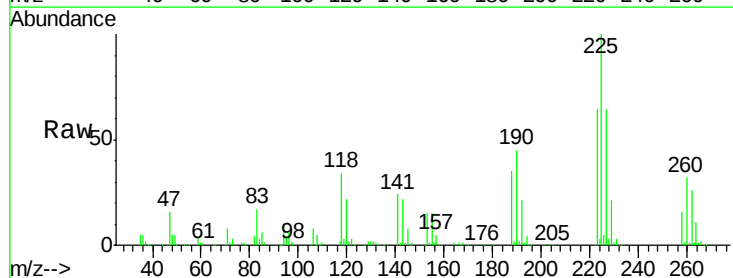
Instrument :
BNA_F
ClientSampleId :

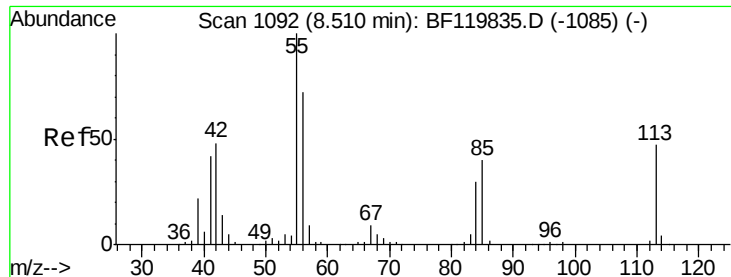
Tot Ion:	127	Resp:	292381
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	32.3	28.3	42.5
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 50.038 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:	225	Resp:	346394
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.3	50.4	75.6

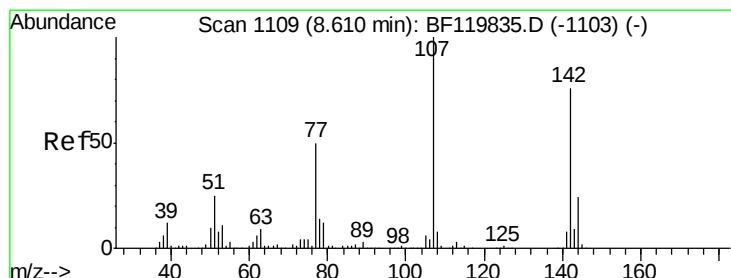
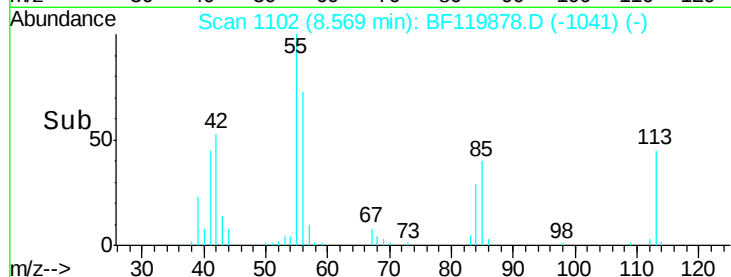
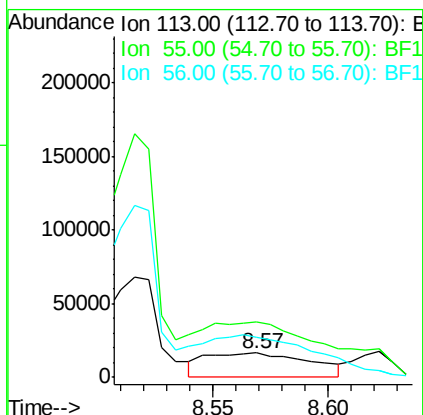
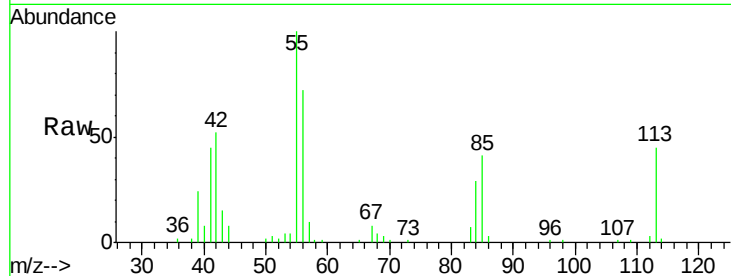




#35
 Caprolactam
 Concen: 16.726 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.06 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

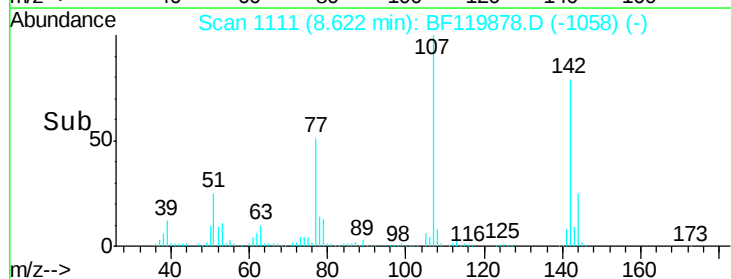
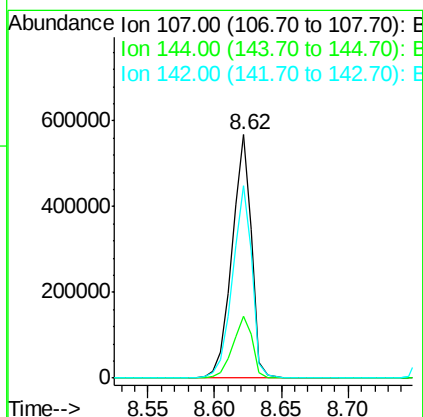
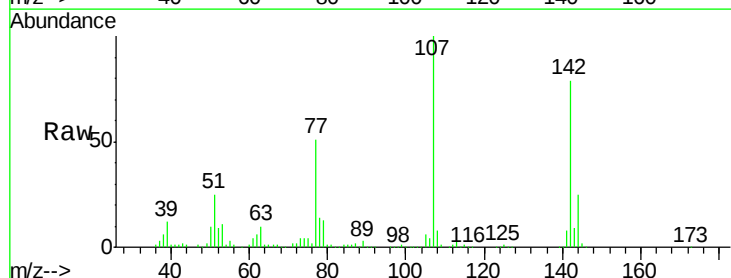
Instrument :
 BNA_F
 ClientSampleId :

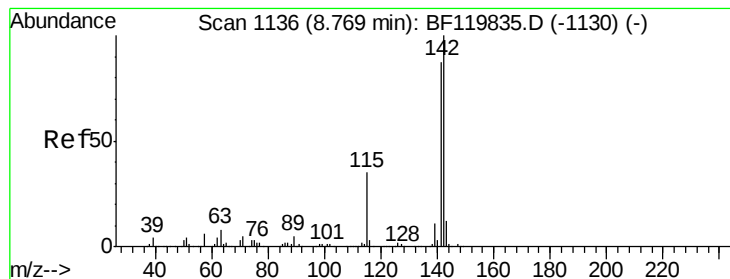
Tot Ion:113 Resp: 52220
 Ion Ratio Lower Upper
 113 100
 55 222.7 192.7 232.7
 56 160.9 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 52.881 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:107 Resp: 584341
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.5 29.3
 142 79.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 52.010 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

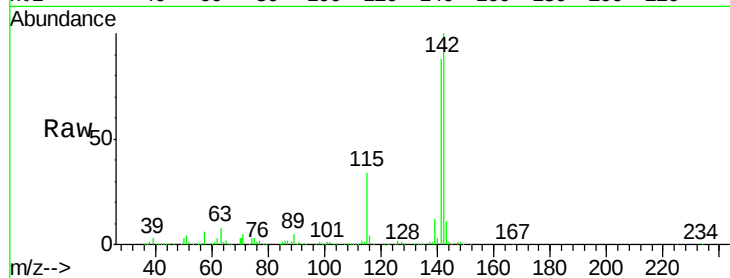
Tot Ion:142 Resp: 1260766

Ion Ratio Lower Upper

142 100

141 87.8 69.9 104.9

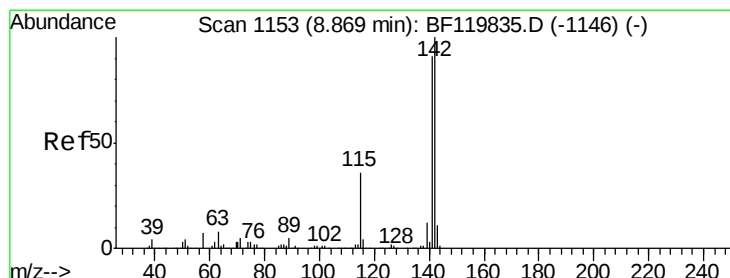
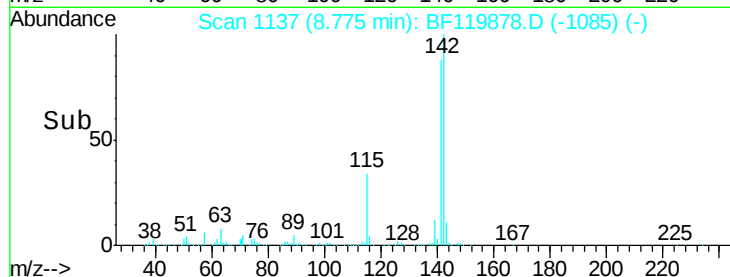
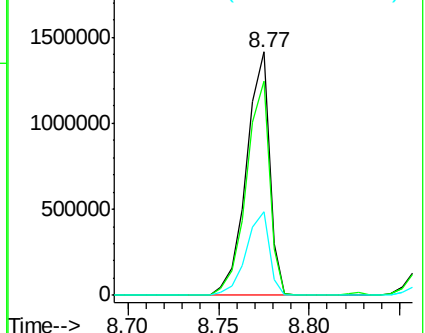
115 34.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.266 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

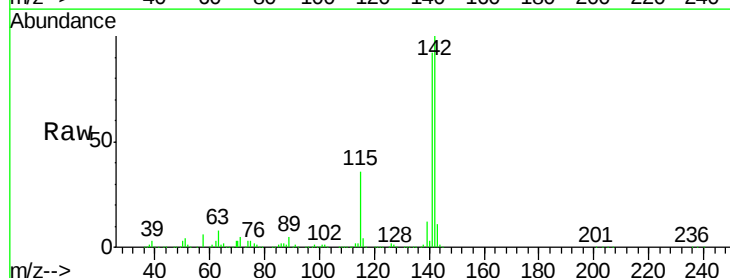
Tgt Ion:142 Resp: 1148496

Ion Ratio Lower Upper

142 100

141 92.4 72.9 109.3

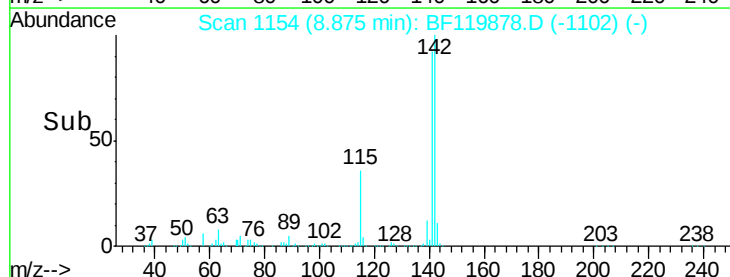
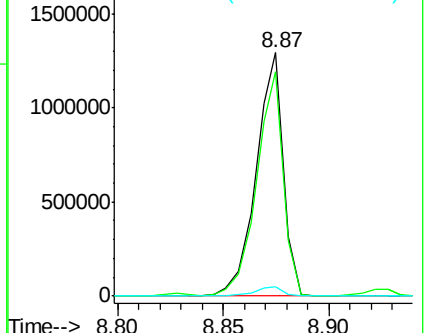
116 3.8 3.0 4.6

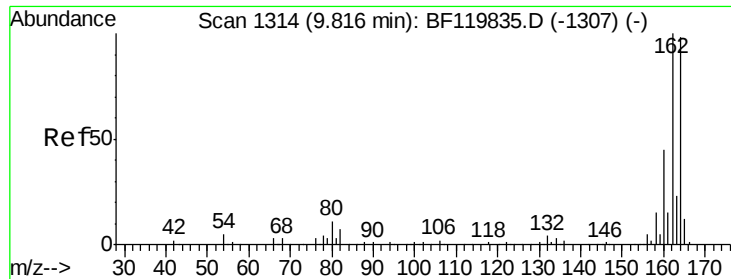


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

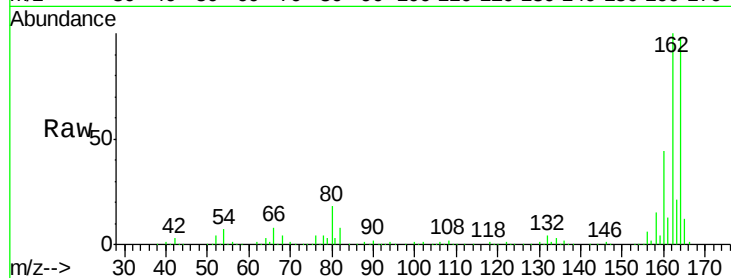
Tot Ion:164 Resp: 282905

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

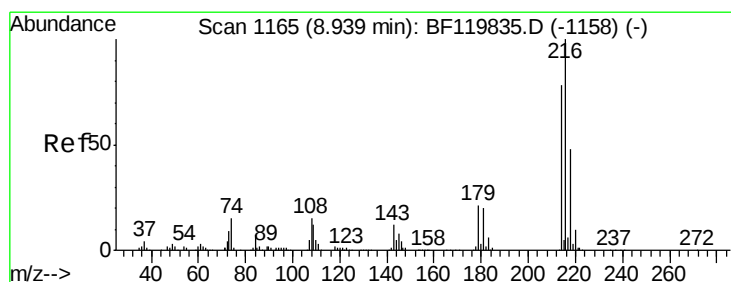
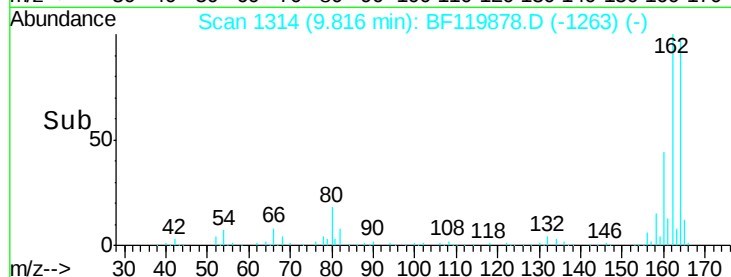
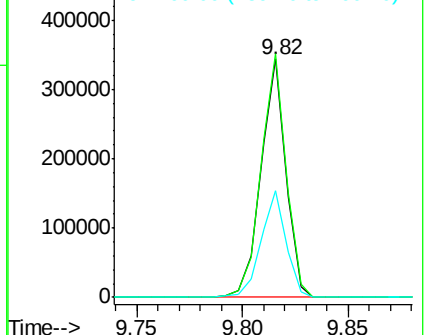
160 45.0 36.6 54.8



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: 60.251 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:216 Resp: 538368

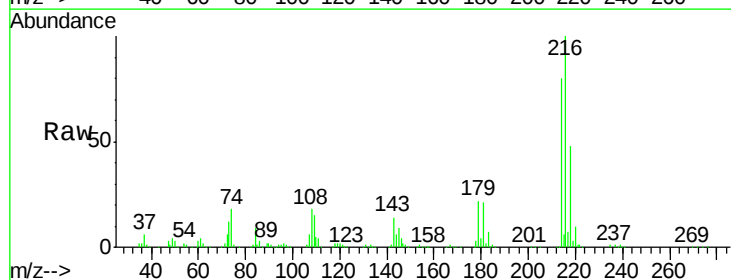
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 21.4 17.0 25.4

108 18.4 14.8 22.2

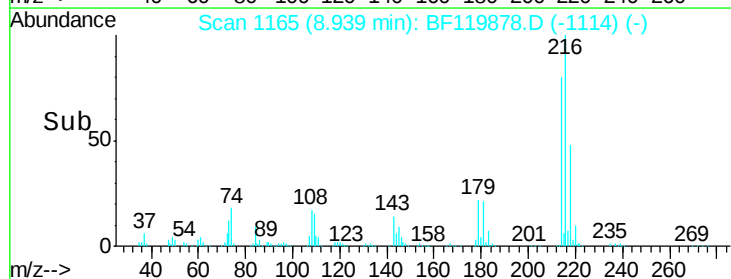
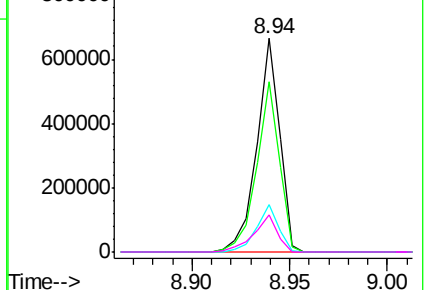


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.321 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119878.D

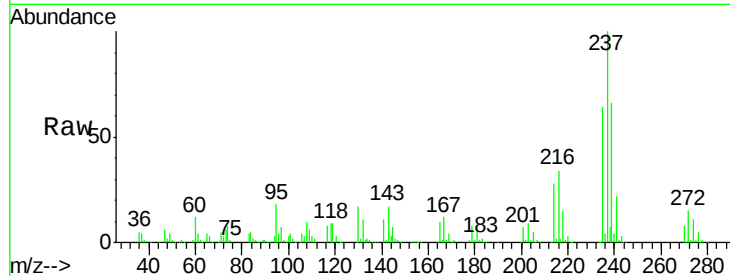
Acq: 9 Apr 2020 19:12

Instrument :

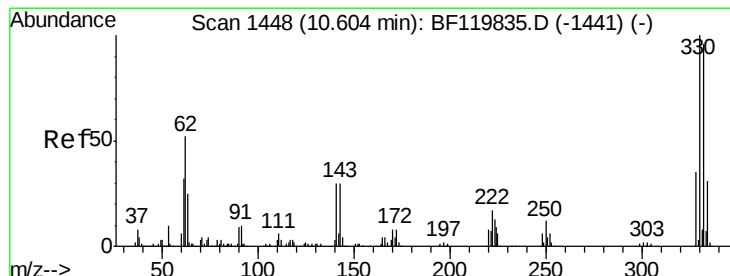
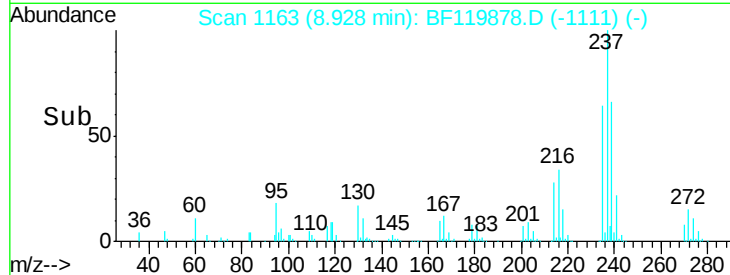
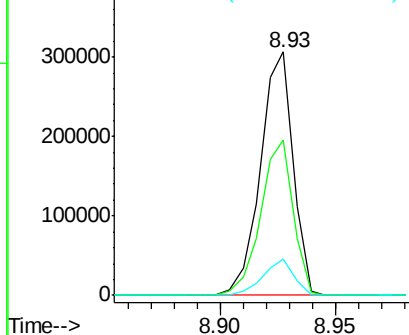
BNA_F

ClientSampleId :

Tot Ion:237	Resp:	301407
Ion Ratio	Lower	Upper
237	100	
235	63.7	44.9 84.9
272	15.1	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: 153.690 ng

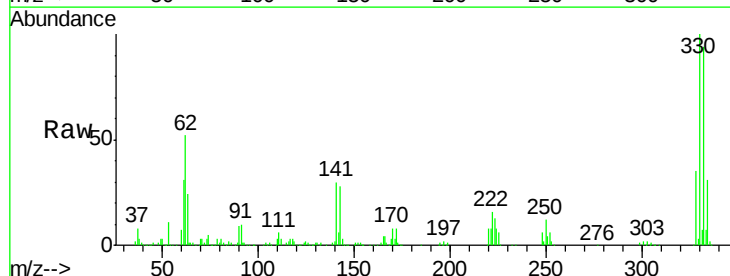
RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

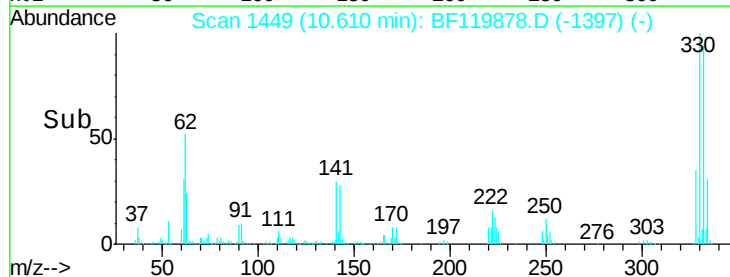
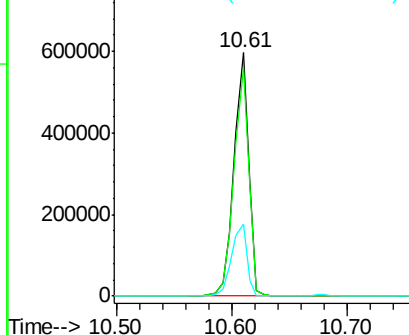
Lab File: BF119878.D

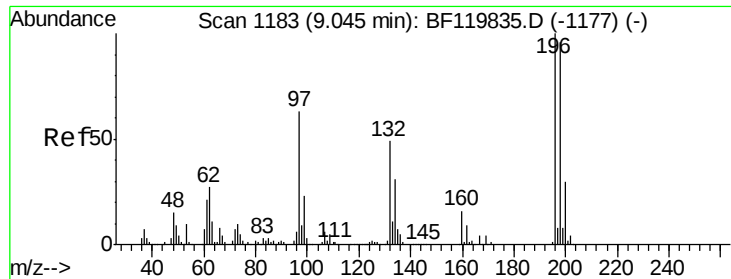
Acq: 9 Apr 2020 19:12

Tgt Ion:330	Resp:	532339
Ion Ratio	Lower	Upper
330	100	
332	94.9	76.8 115.2
141	30.8	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

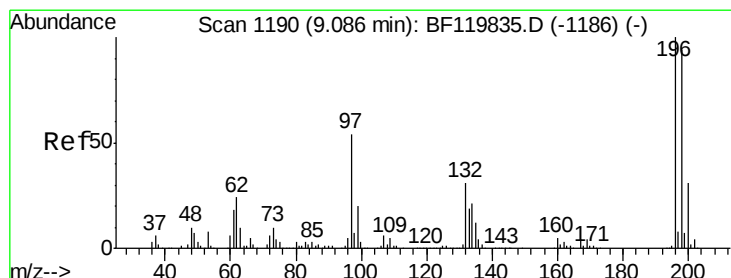
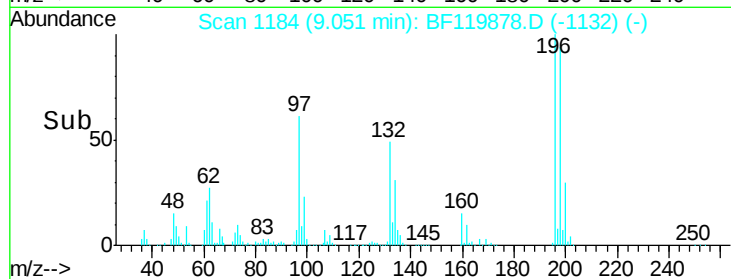
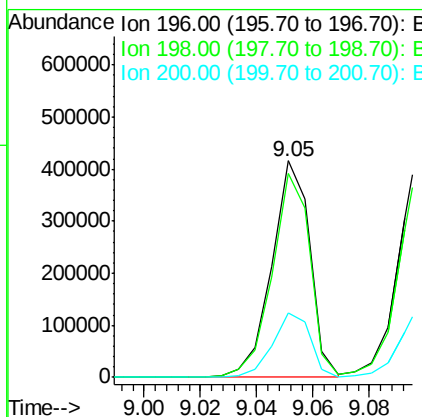
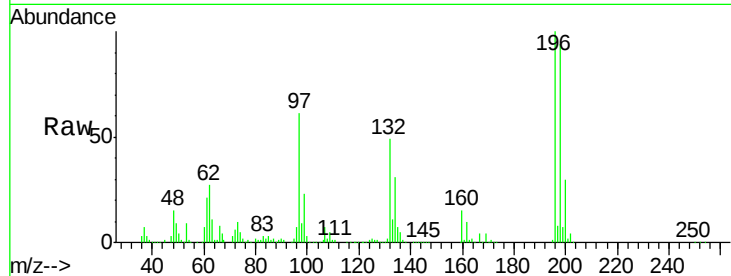




#43
 2,4,6-Trichlorophenol
 Concen: 62.891 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

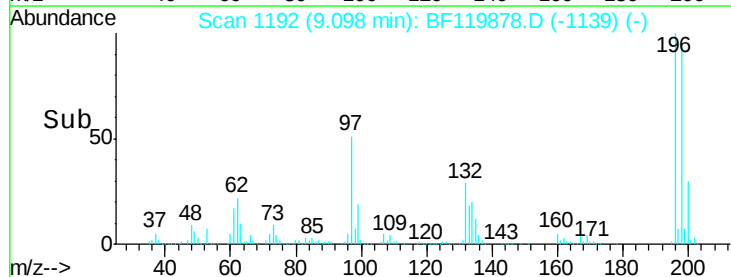
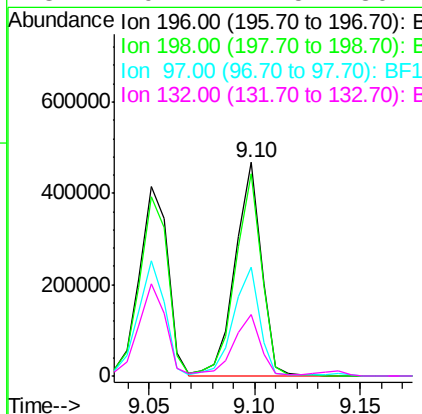
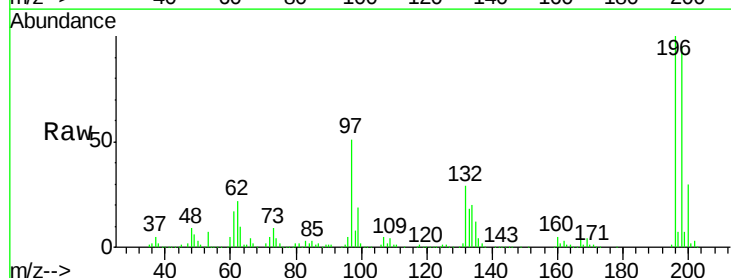
Instrument :
 BNA_F
 ClientSampleId :

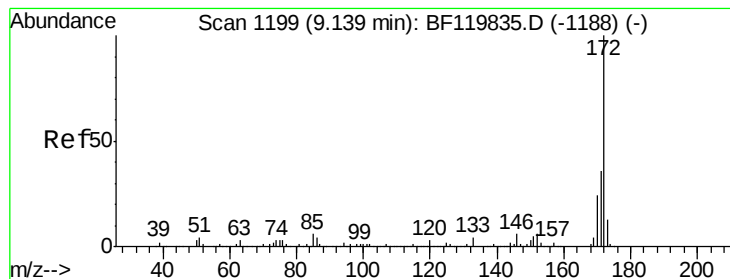
Tot Ion:196 Resp: 388053
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.6 115.0
 200 30.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 57.457 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:196 Resp: 399297
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.1 112.7
 97 50.9 43.4 65.2
 132 29.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 114.998 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

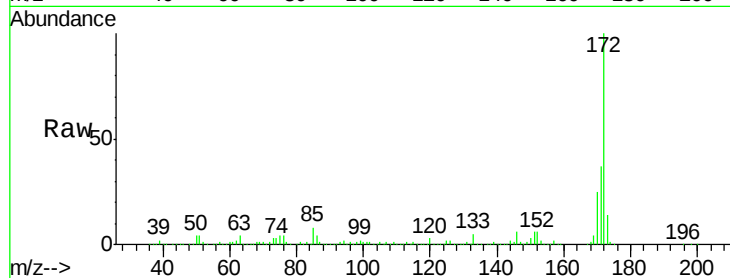
Tot Ion:172 Resp: 2291452

Ion Ratio Lower Upper

172 100

171 37.2 28.9 43.3

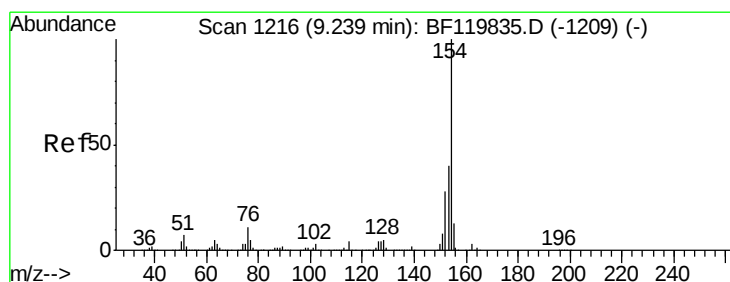
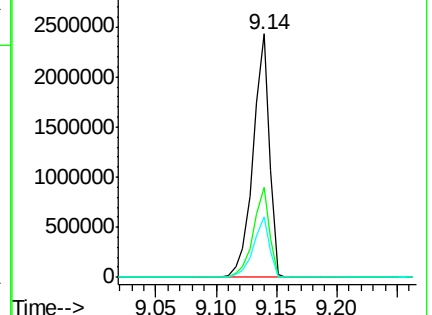
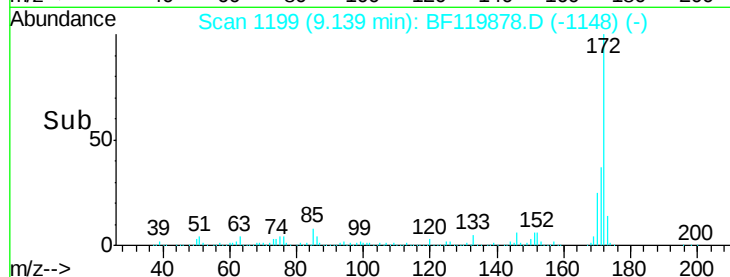
170 24.8 19.4 29.2



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: 59.661 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

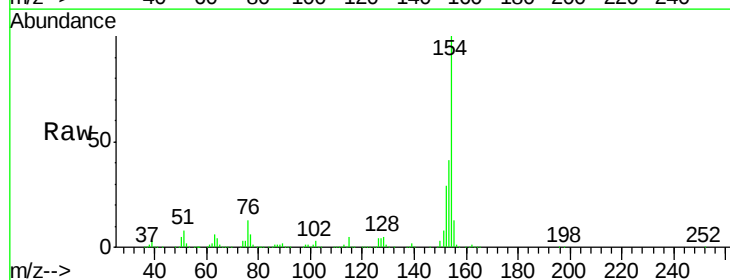
Tgt Ion:154 Resp: 1424638

Ion Ratio Lower Upper

154 100

153 41.0 20.5 60.5

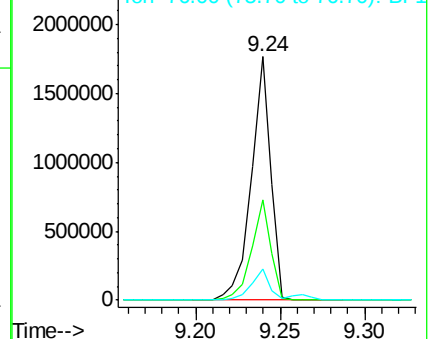
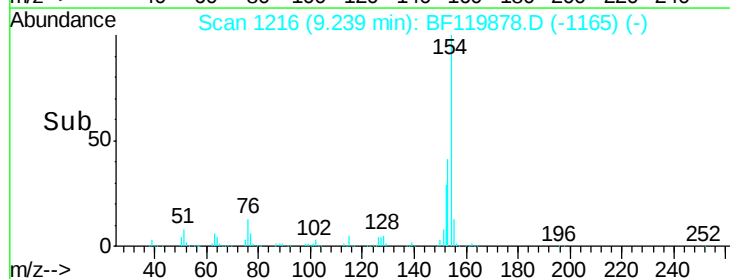
76 12.9 0.0 30.6

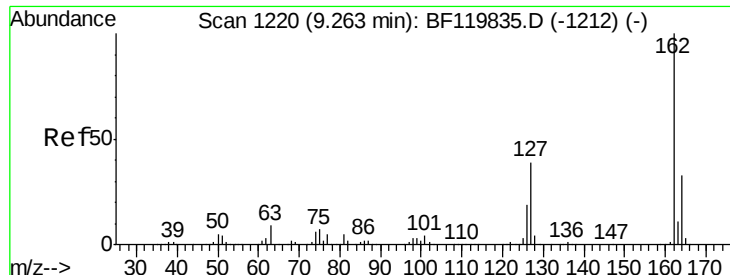


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

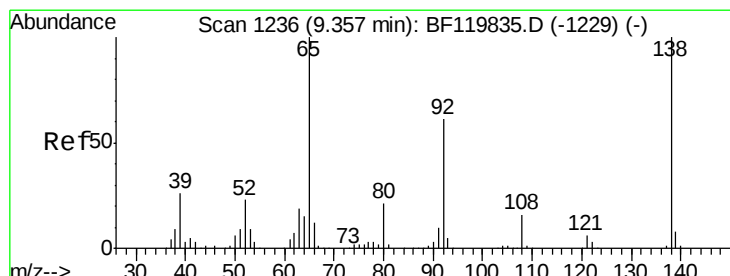
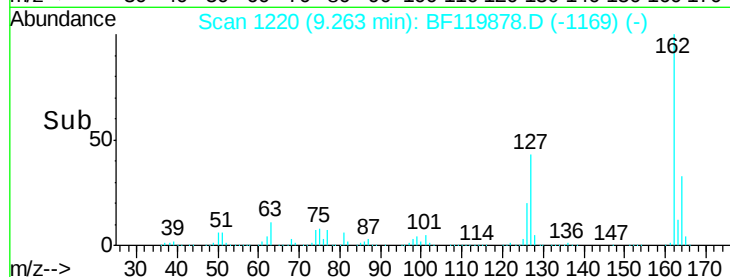
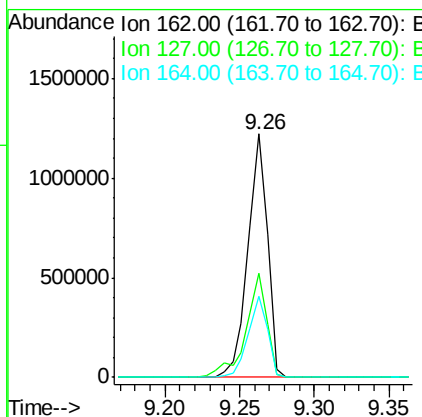
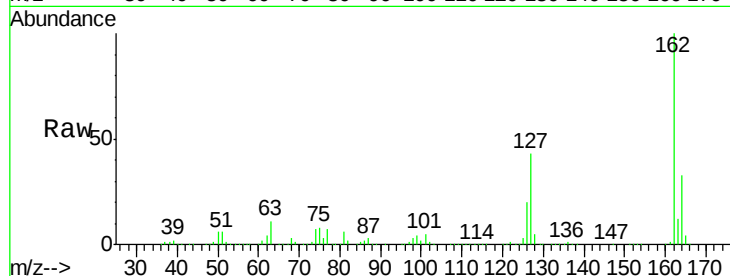




#47
 2-Chloronaphthalene
 Concen: 59.987 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

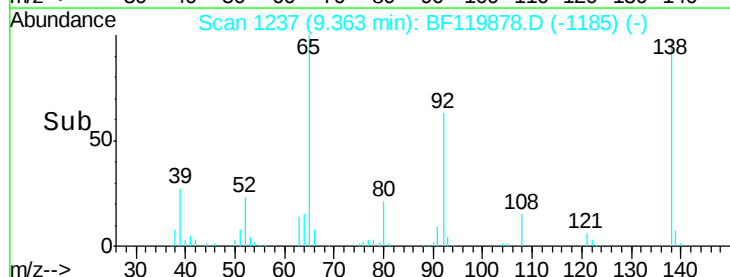
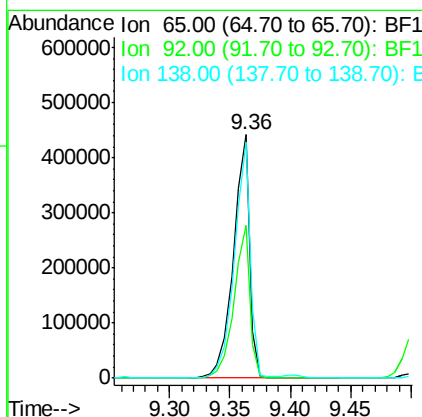
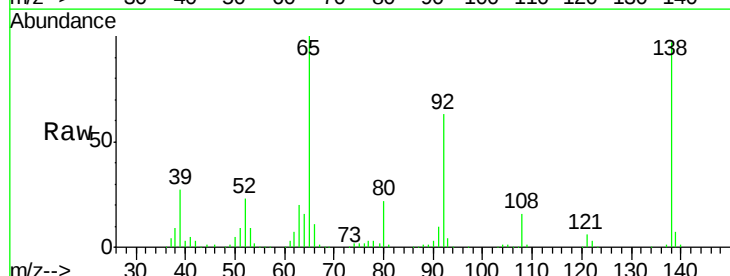
Instrument :
 BNA_F
 ClientSampleId :

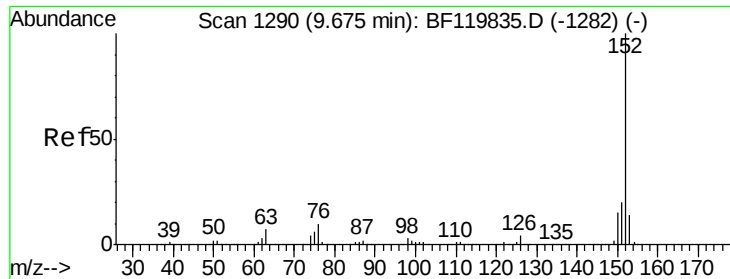
Tot Ion:162 Resp: 1103463
 Ion Ratio Lower Upper
 162 100
 127 42.7 31.2 46.8
 164 33.2 26.3 39.5



#48
 2-Nitroaniline
 Concen: 62.164 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion: 65 Resp: 414389
 Ion Ratio Lower Upper
 65 100
 92 62.7 49.0 73.6
 138 96.9 79.7 119.5





#49

Acenaphthylene

Concen: 59.390 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

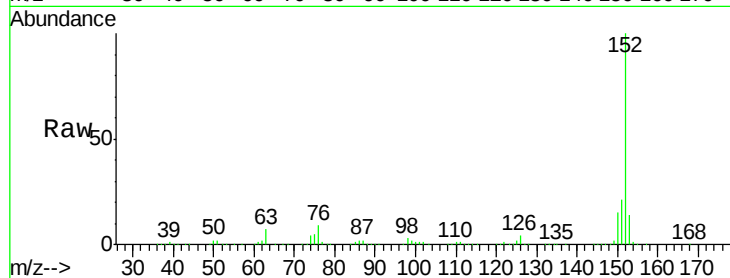
Tot Ion:152 Resp: 1661459

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

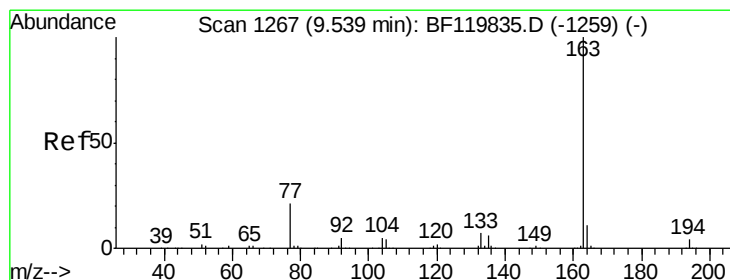
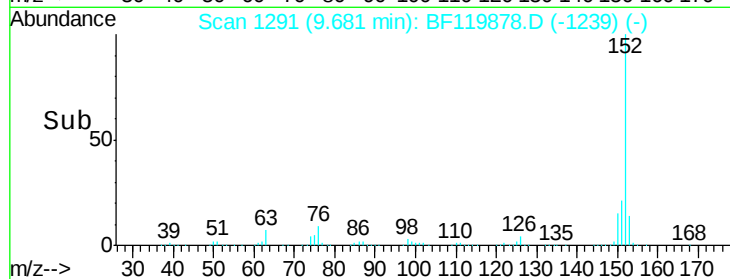
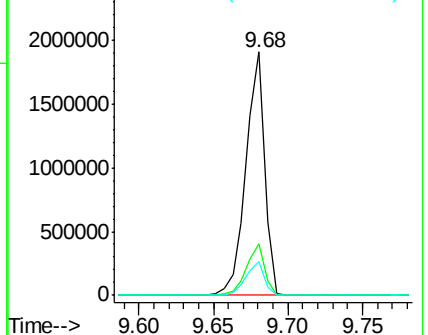
153 13.8 10.9 16.3



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: 73.322 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

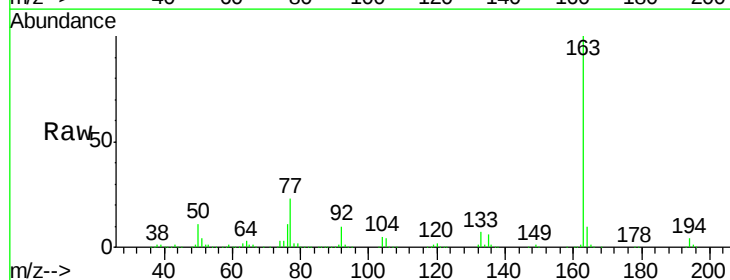
Tgt Ion:163 Resp: 1604443

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

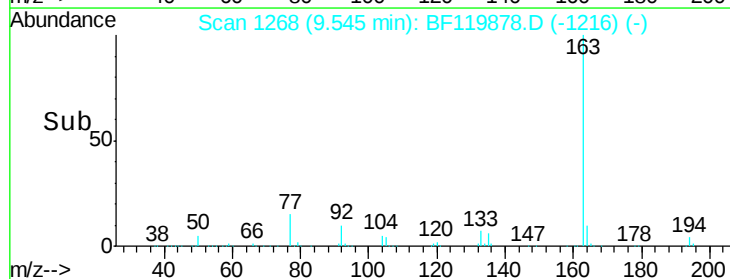
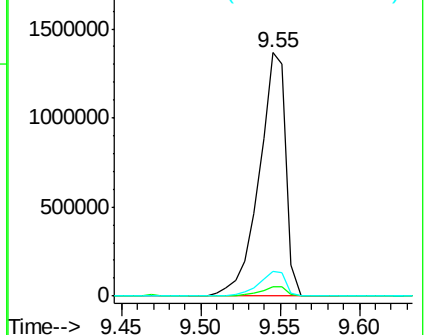
164 10.1 8.4 12.6

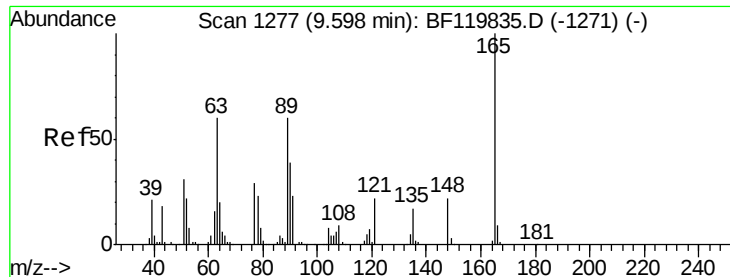


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 61.122 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

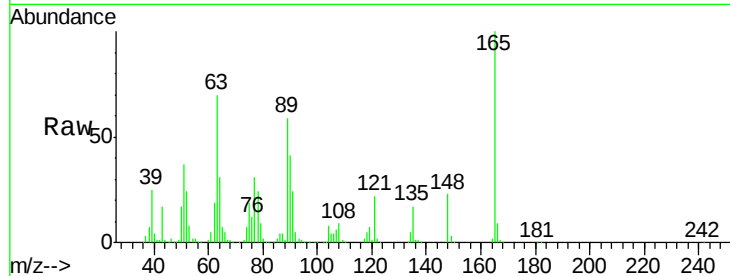
Tot Ion:165 Resp: 292888

Ion Ratio Lower Upper

165 100

63 70.1 55.6 83.4

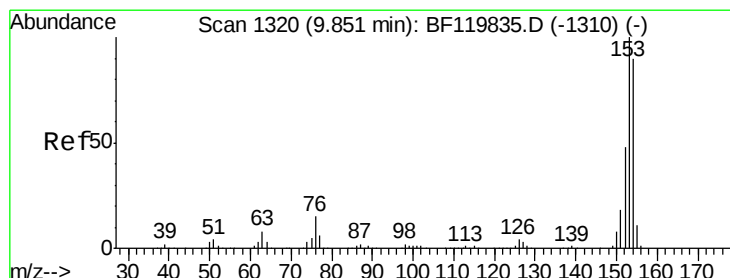
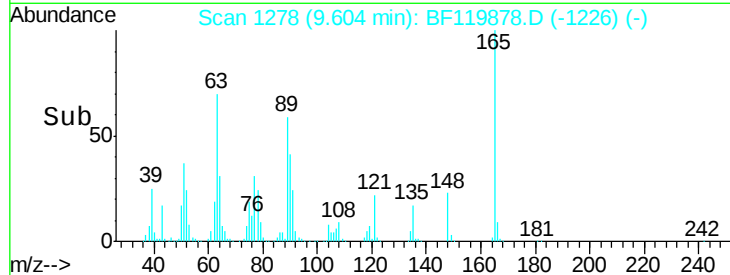
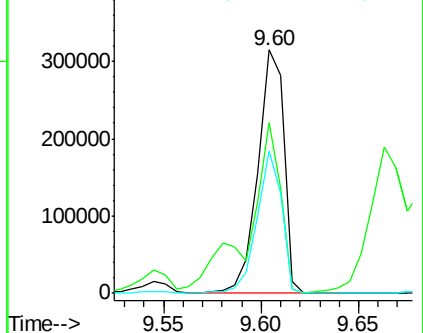
89 58.7 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 52.856 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

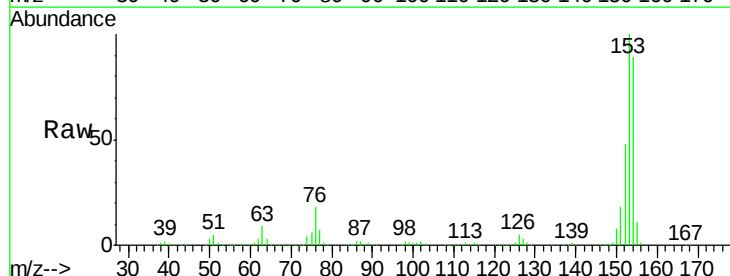
Tgt Ion:154 Resp: 986365

Ion Ratio Lower Upper

154 100

153 112.1 88.8 133.2

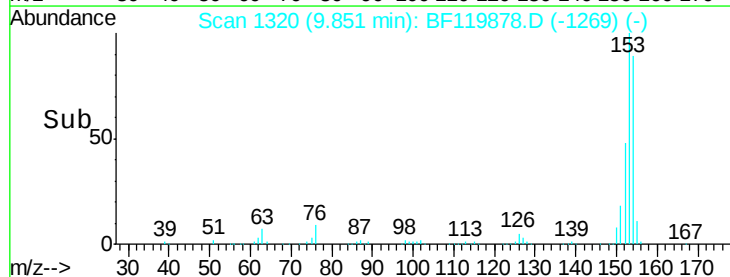
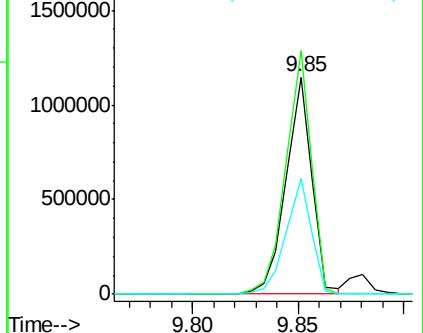
152 53.4 42.4 63.6

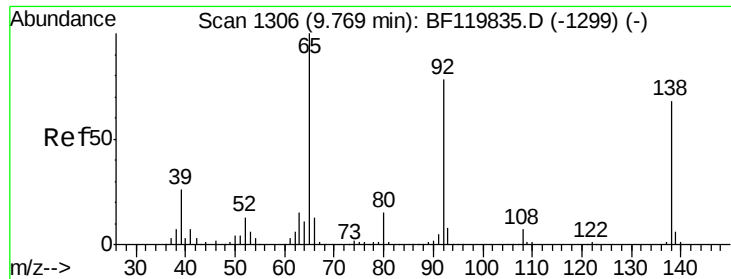


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

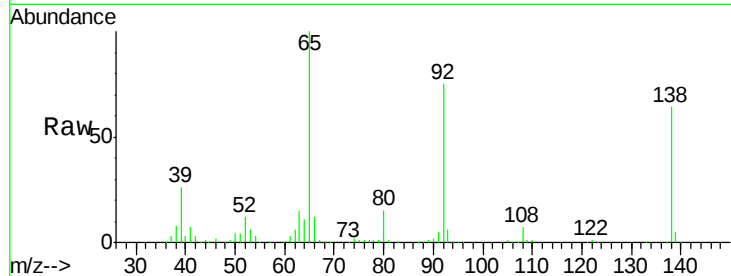




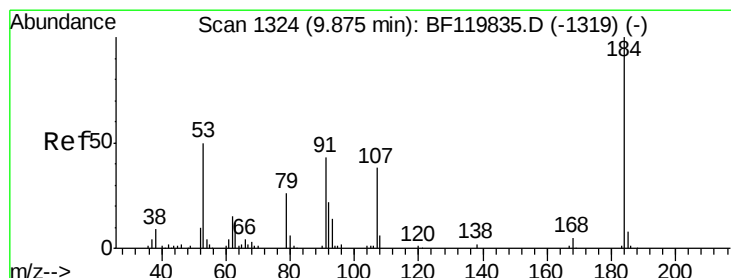
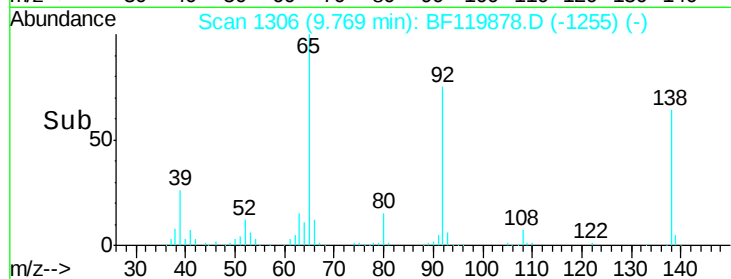
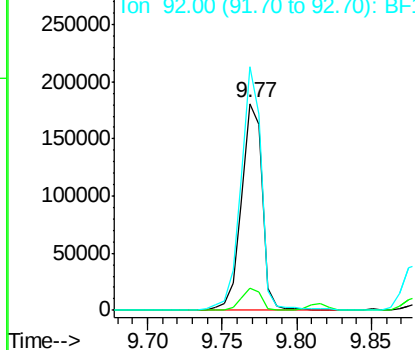
#53
 3-Nitroaniline
 Concen: 32.212 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 176288
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.0 12.0
 92 117.9 92.1 138.1

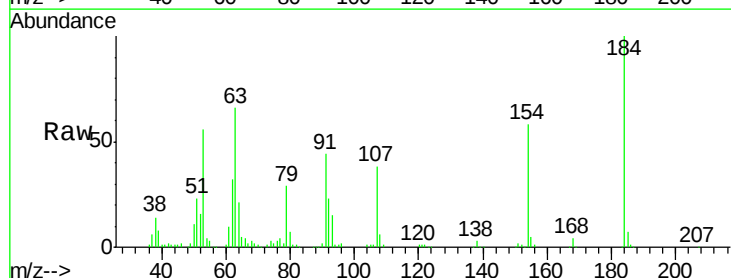


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

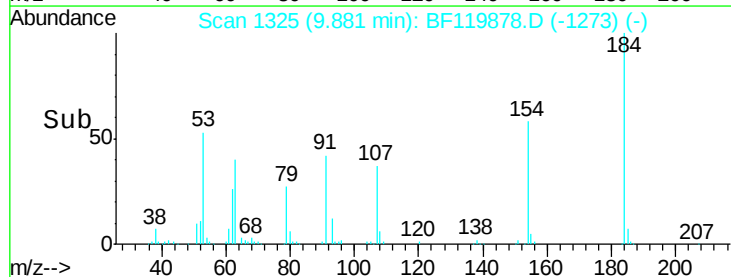
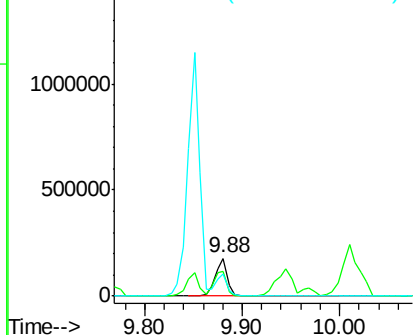


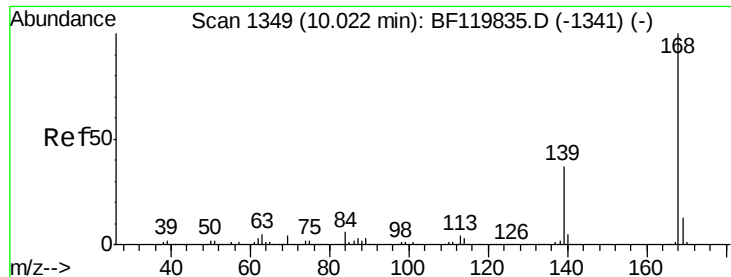
#54
 2,4-Dinitrophenol
 Concen: 54.828 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:184 Resp: 157295
 Ion Ratio Lower Upper
 184 100
 63 65.9 49.8 74.6
 154 58.3 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

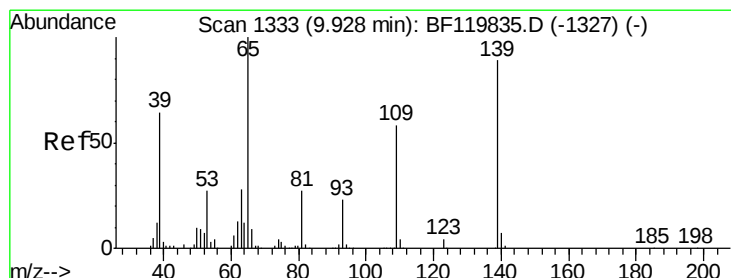
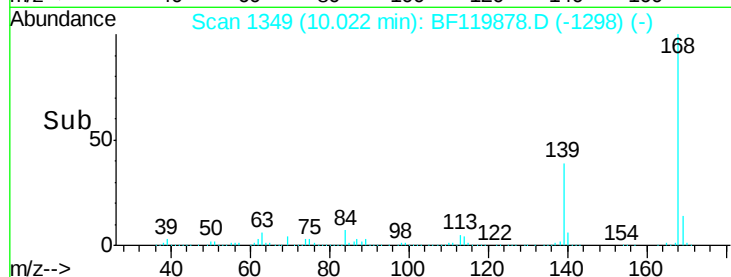
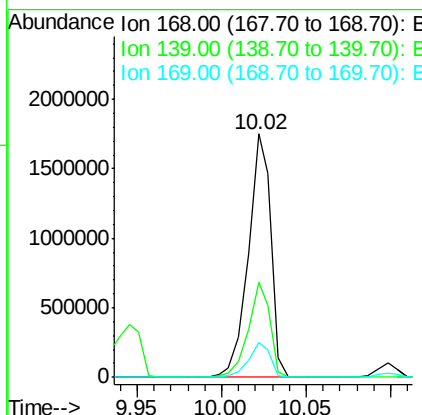
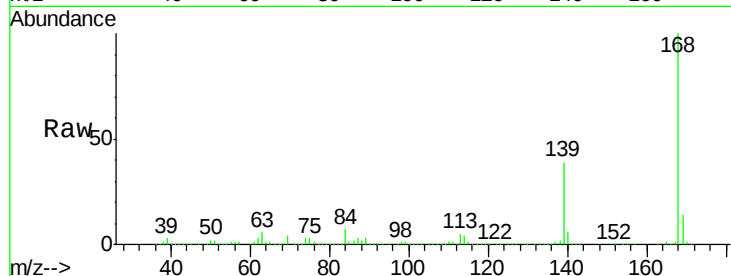




#55
Dibenzenofuran
Concen: 63.776 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

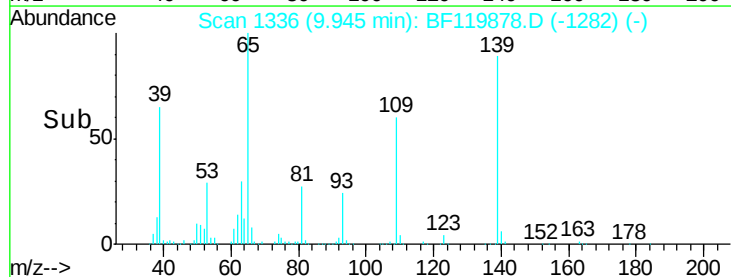
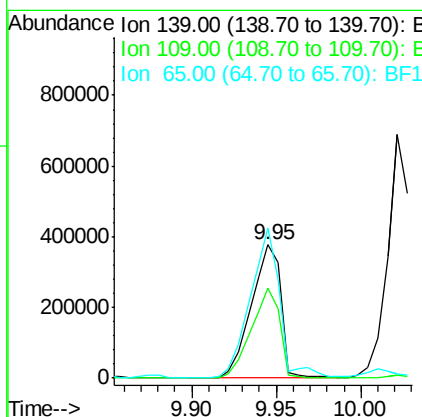
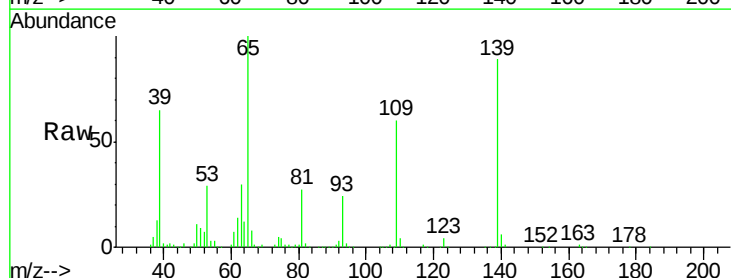
Instrument :
BNA_F
ClientSampleId :

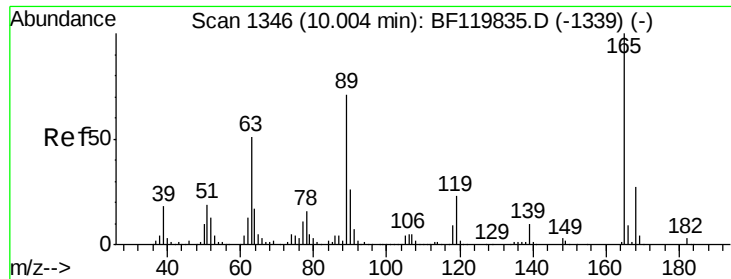
Tot Ion:168 Resp: 1633167
Ion Ratio Lower Upper
168 100
139 39.3 29.8 44.6
169 14.2 10.6 15.8



#56
4-Nitrophenol
Concen: 112.550 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:139 Resp: 458304
Ion Ratio Lower Upper
139 100
109 67.7 45.5 85.5
65 112.3 92.3 132.3

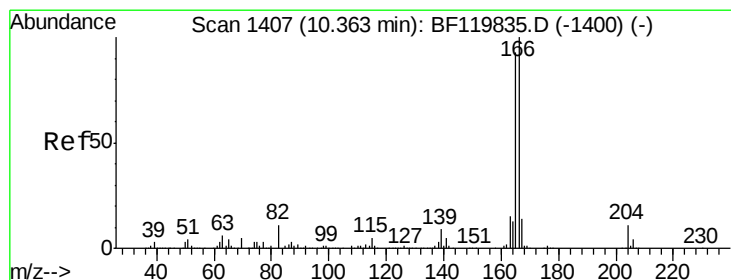
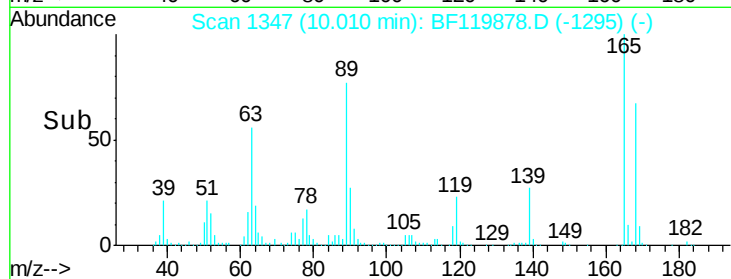
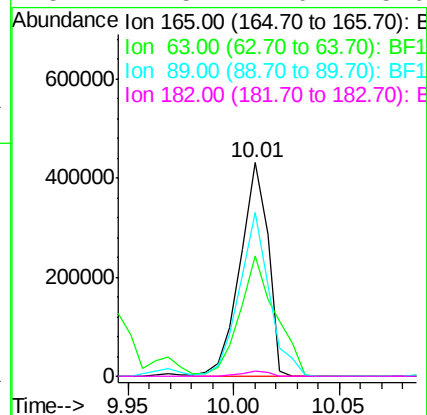
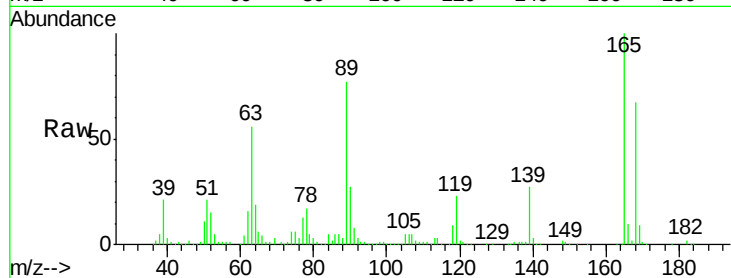




#57
2,4-Dinitrotoluene
Concen: 62.558 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

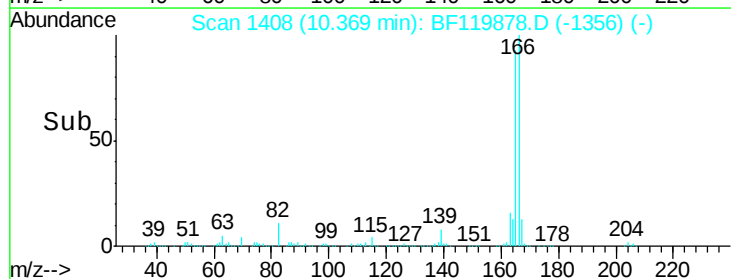
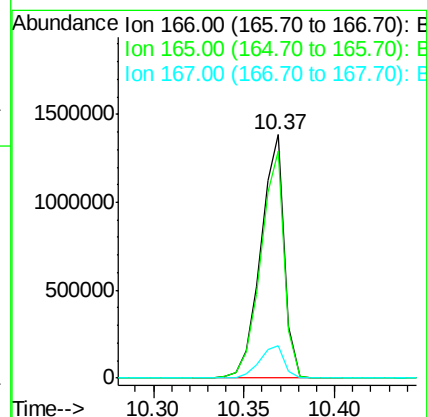
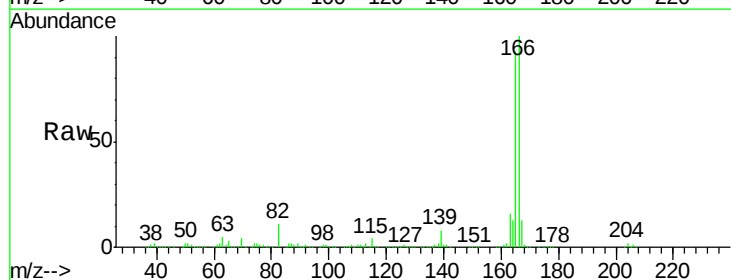
Instrument :
BNA_F
ClientSampleId :

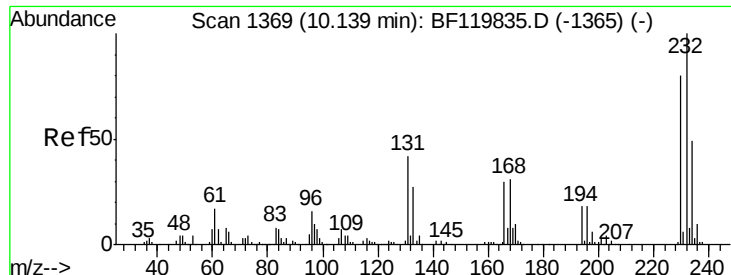
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.1	40.8	61.2
89	76.9	56.9	85.3
182	2.5	2.0	3.0



#58
Fluorene
Concen: 60.967 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.2	111.2
167	13.3	10.8	16.2

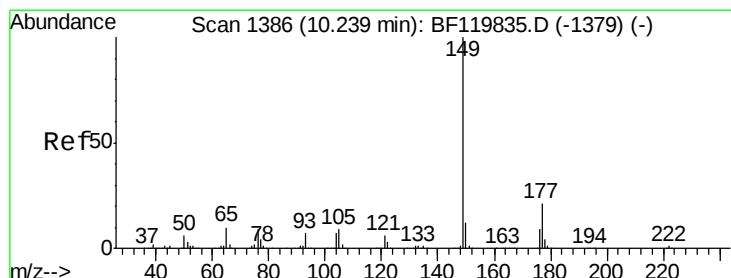
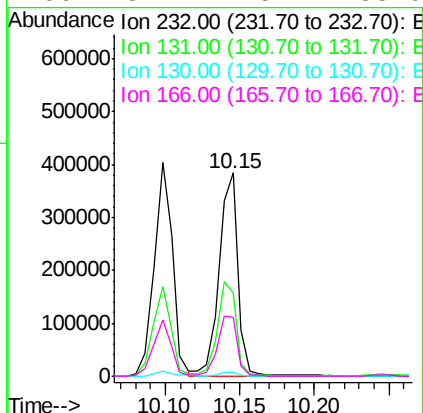
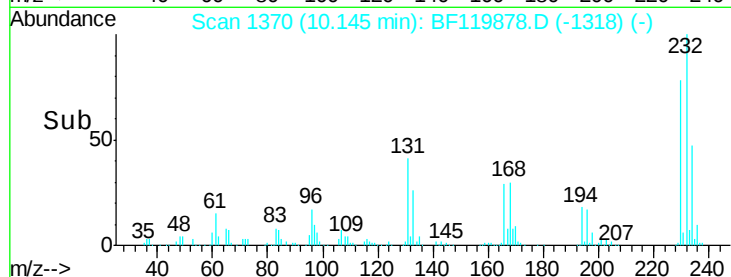
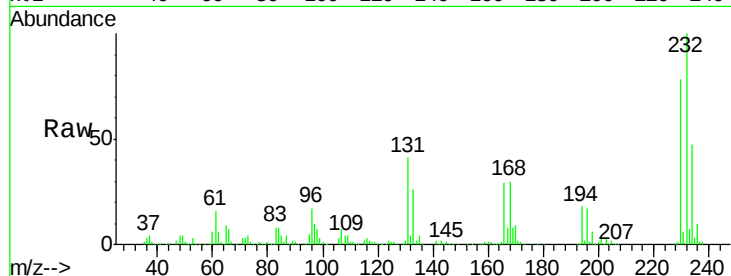




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.342 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

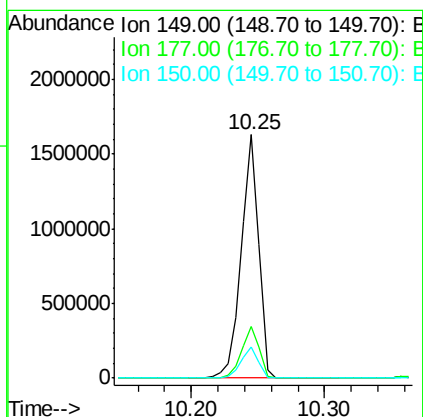
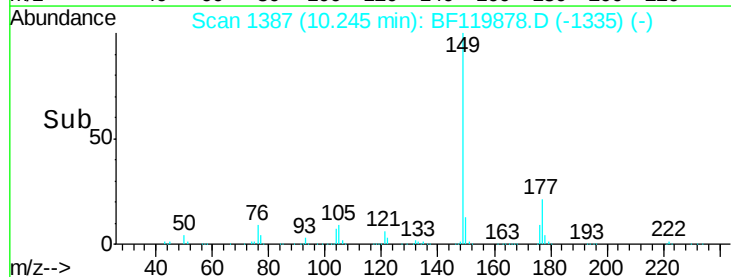
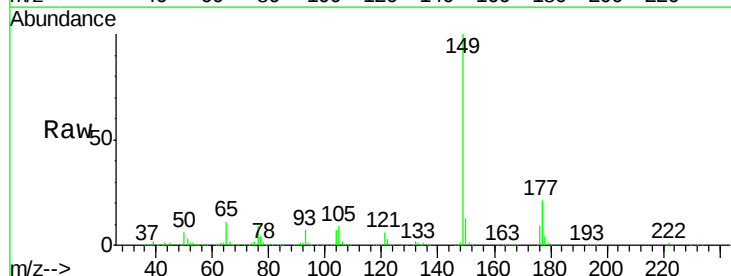
Instrument :
 BNA_F
 ClientSampleId :

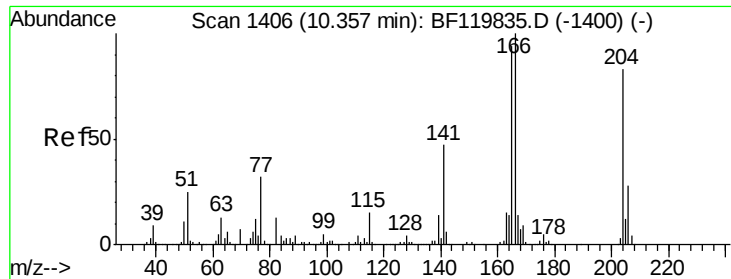
Tot Ion:232 Resp: 341988
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.9 56.9
 130 2.2 1.8 2.6
 166 31.2 25.4 38.0



#60
 Diethylphthalate
 Concen: 64.995 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:149 Resp: 1474061
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.8 25.2
 150 12.8 9.8 14.6

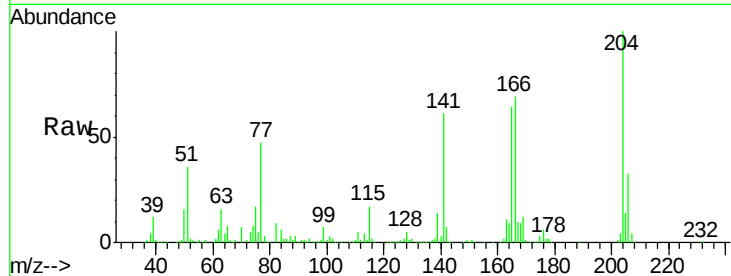




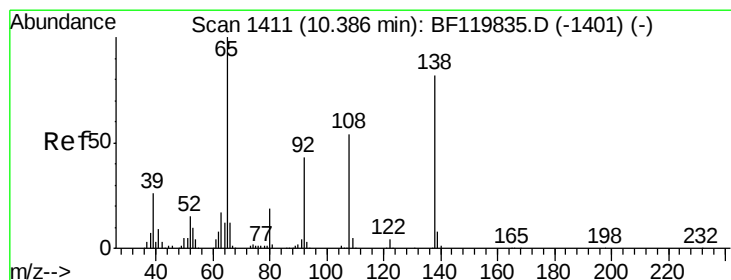
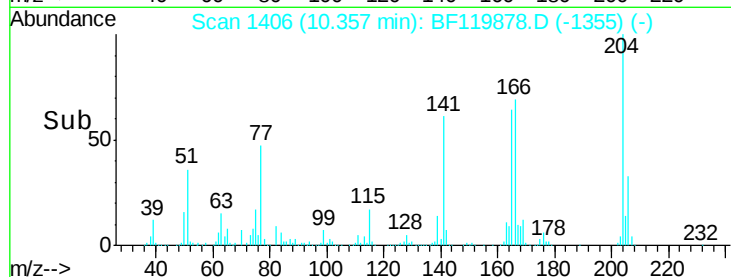
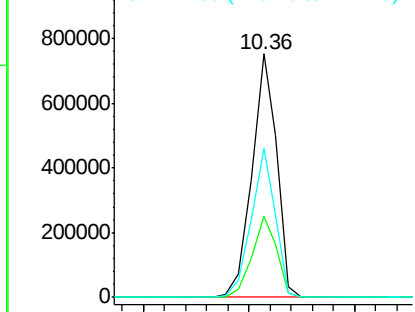
#61
4-Chlorophenyl-phenylether
Concen: 58.230 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 611221
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.1 45.8 68.8

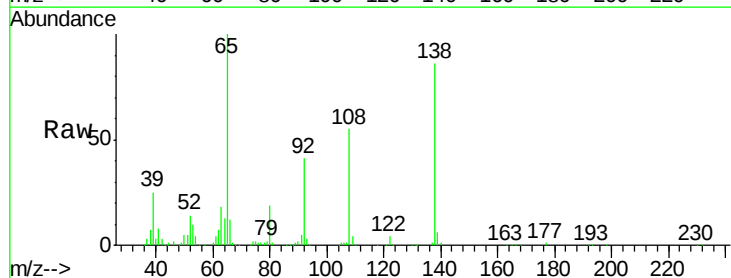


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

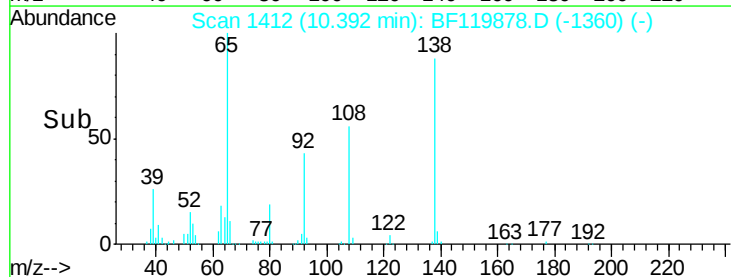
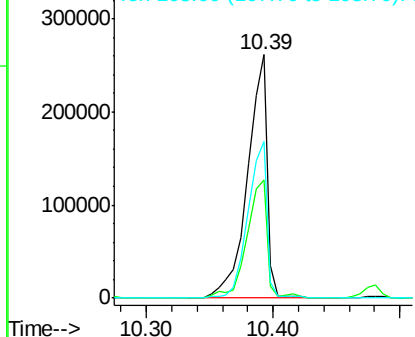


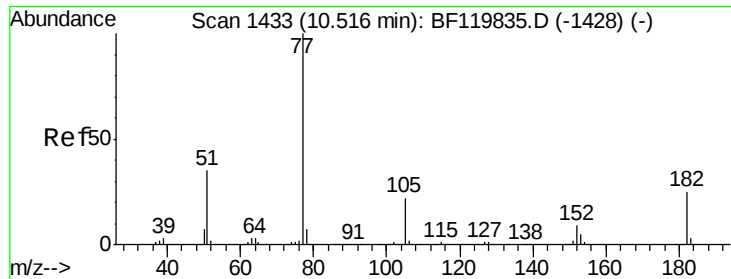
#62
4-Nitroaniline
Concen: 54.191 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:138 Resp: 282639
Ion Ratio Lower Upper
138 100
92 48.4 31.6 71.6
108 64.4 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

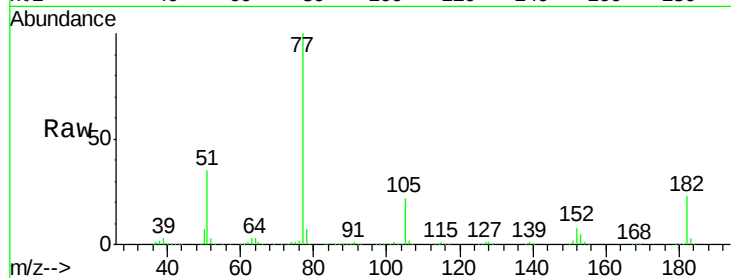




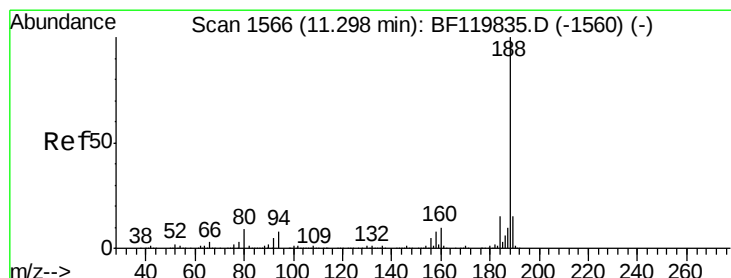
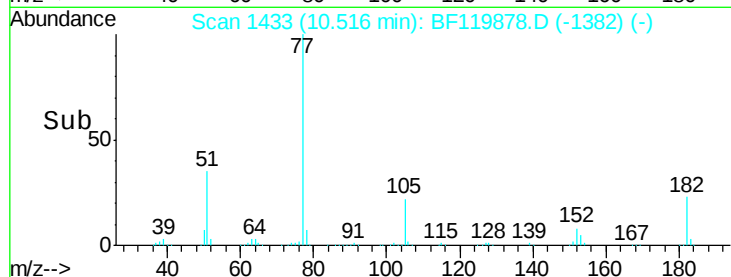
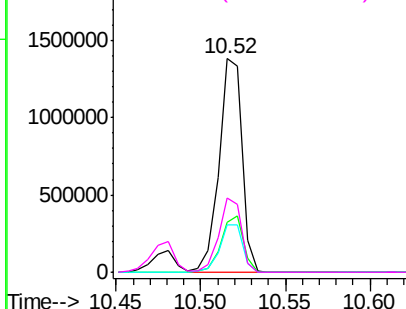
#63
Azobenzene
Concen: 64.337 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1307656
Ion Ratio Lower Upper
77 100
182 23.2 4.5 44.5
105 22.0 2.2 42.2
51 35.1 15.1 55.1

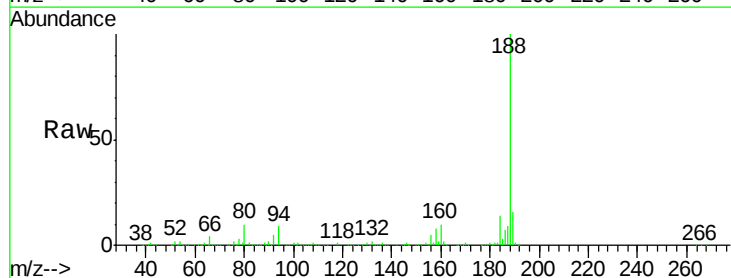


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

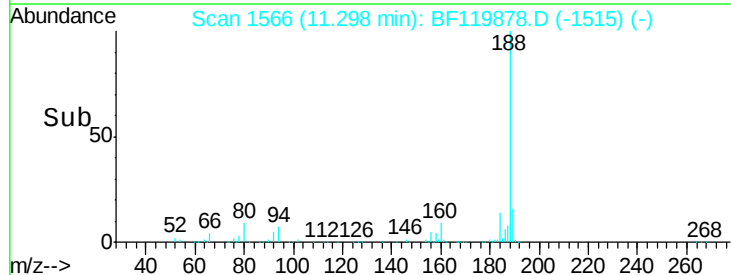
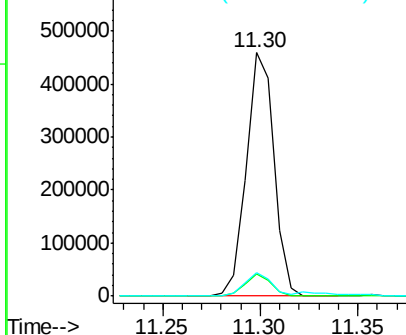


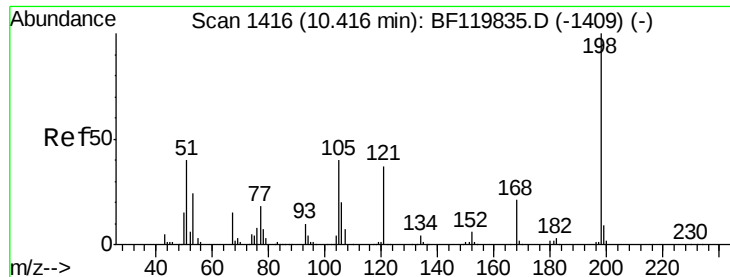
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion: 188 Resp: 449574
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

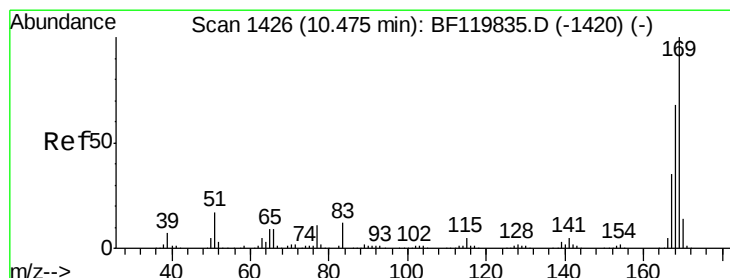
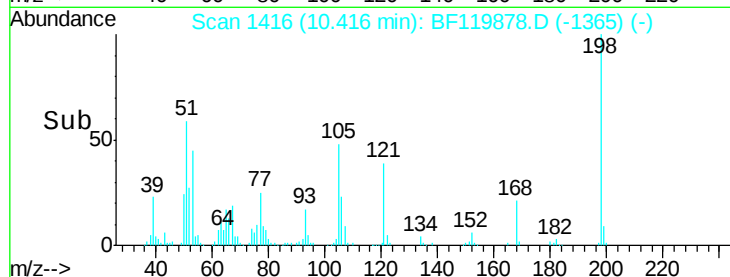
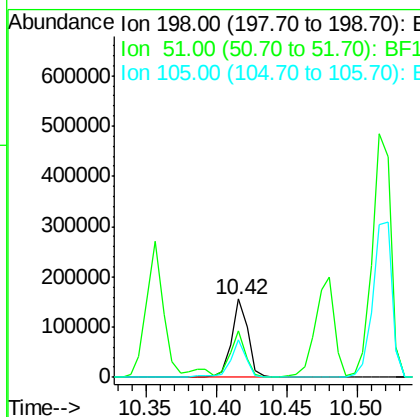
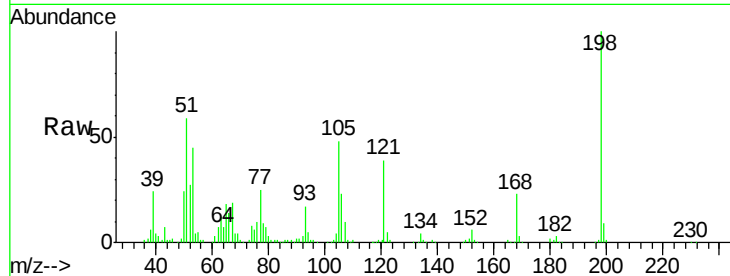




#65
4,6-Dinitro-2-methylphenol
Concen: 42.403 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

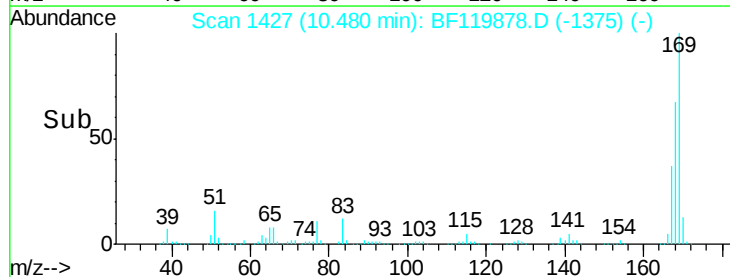
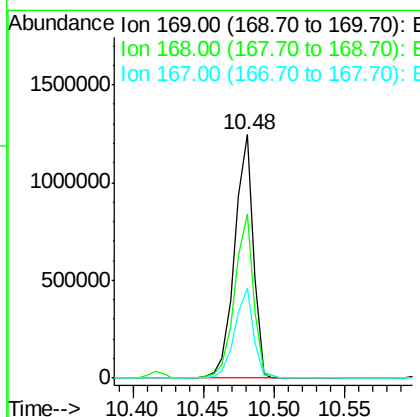
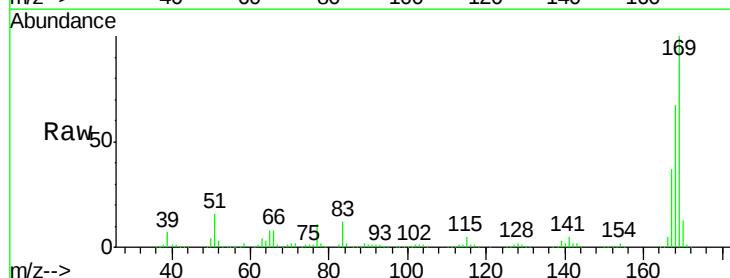
Instrument :
BNA_F
ClientSampled :

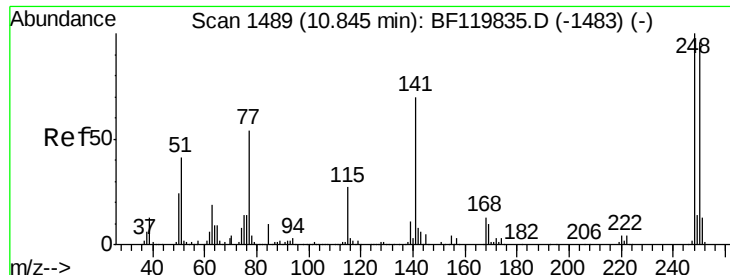
Tot Ion:198 Resp: 125592
Ion Ratio Lower Upper
198 100
51 59.1 25.2 65.2
105 47.6 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 76.615 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:169 Resp: 1145517
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 37.0 28.3 42.5

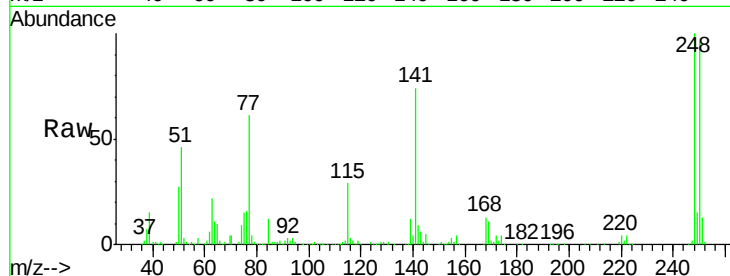




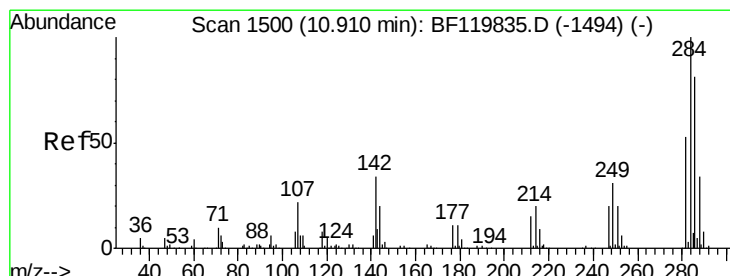
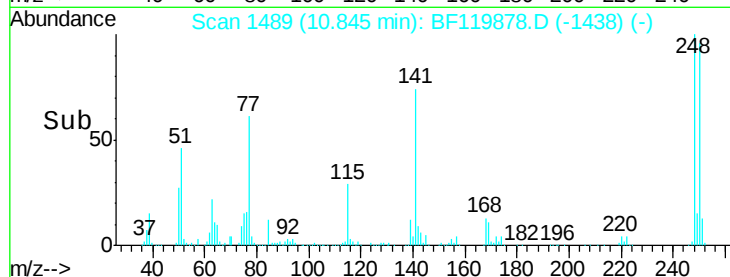
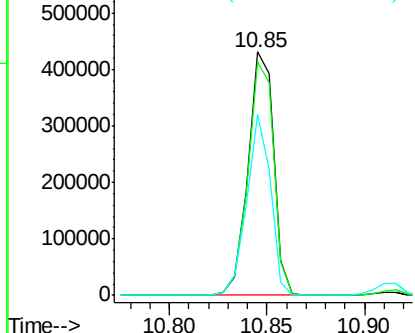
#67
4-Bromophenyl-phenylether
Concen: 70.106 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 391956
Ion Ratio Lower Upper
248 100
250 95.7 76.6 114.8
141 74.4 55.9 83.9

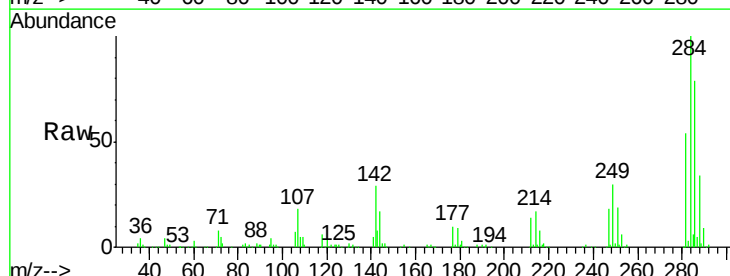


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

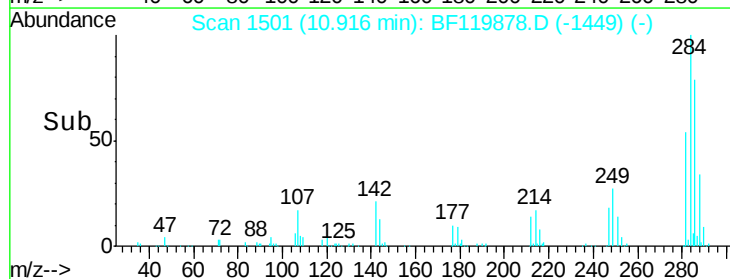
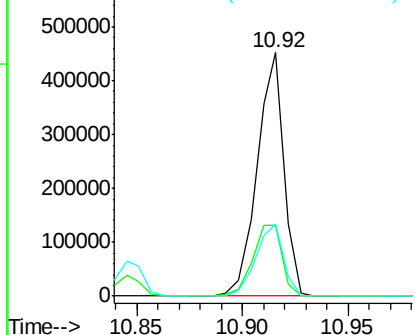


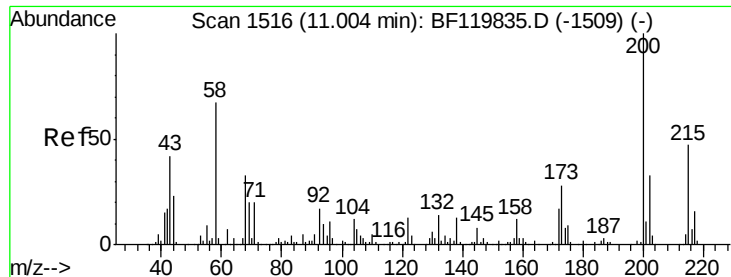
#68
Hexachlorobenzene
Concen: 70.010 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:284 Resp: 397079
Ion Ratio Lower Upper
284 100
142 29.0 26.9 40.3
249 29.8 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

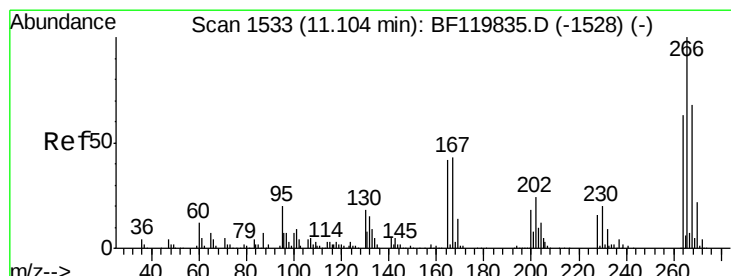
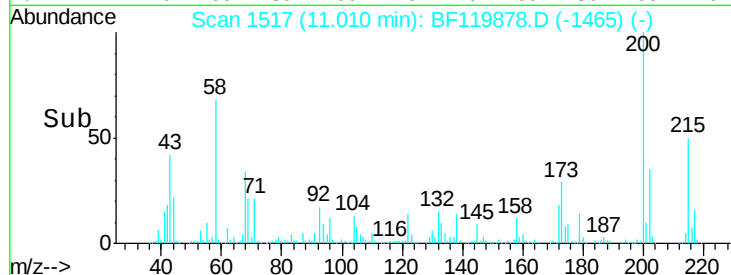
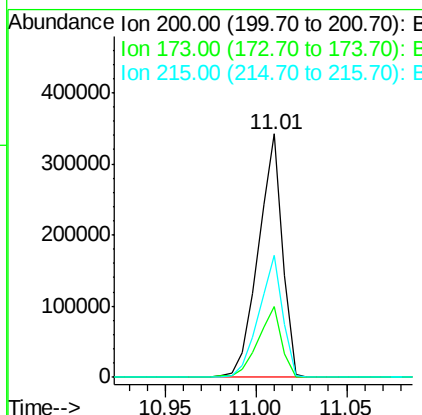
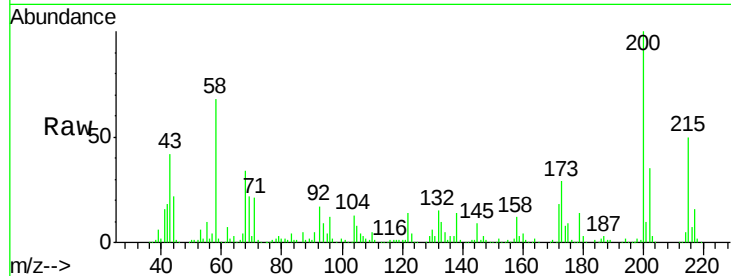




#69
 Atrazine
 Concen: 75.857 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

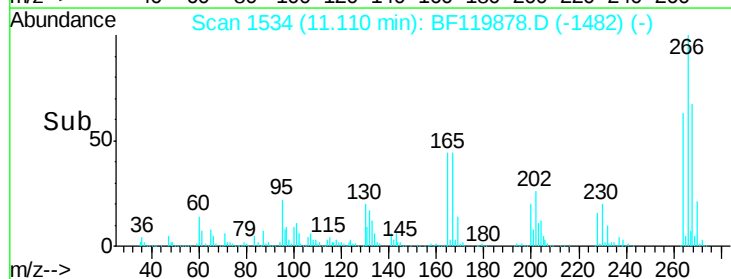
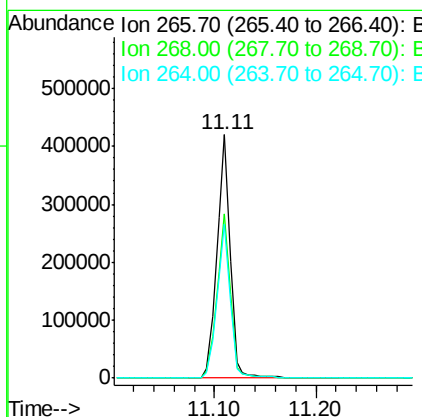
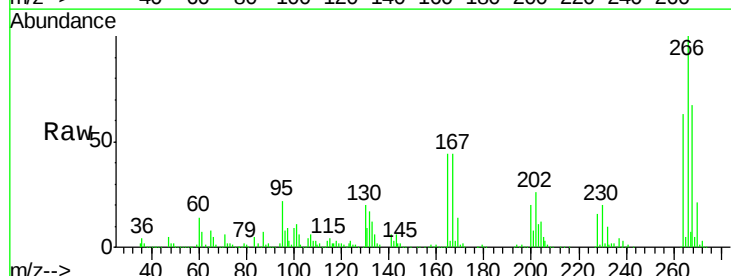
Instrument :
 BNA_F
 ClientSampleId :

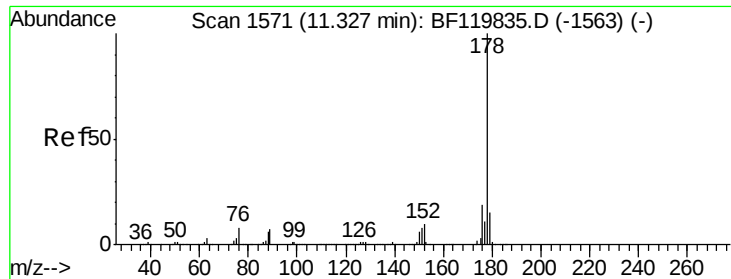
Tot Ion:200 Resp: 315564
 Ion Ratio Lower Upper
 200 100
 173 29.2 8.0 48.0
 215 50.1 27.1 67.1



#70
 Pentachlorophenol
 Concen: 118.909 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:266 Resp: 388656
 Ion Ratio Lower Upper
 266 100
 268 67.5 54.2 81.4
 264 63.2 50.6 76.0

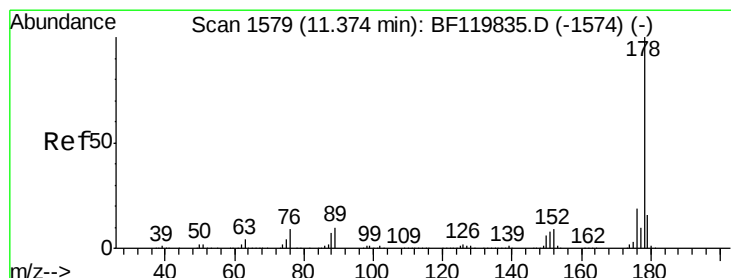
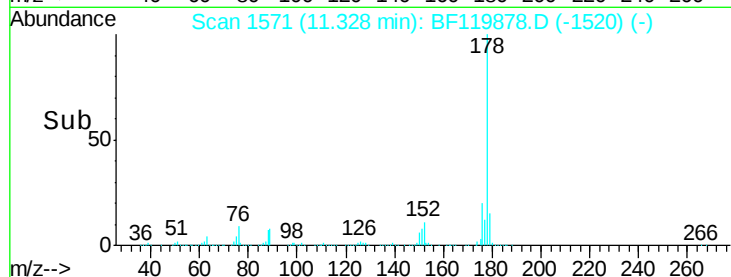
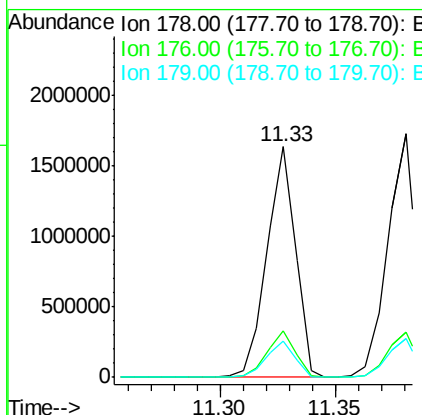
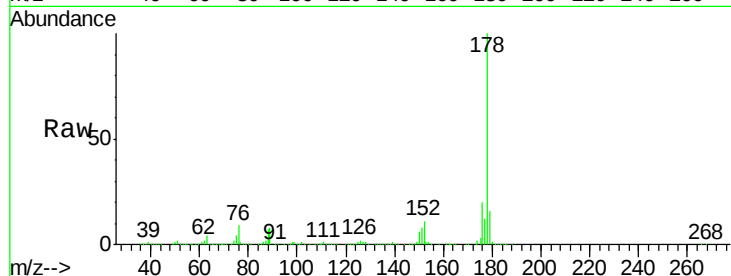




#71
Phenanthrene
Concen: 59.178 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

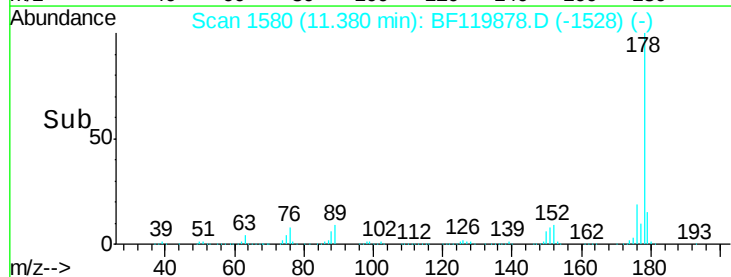
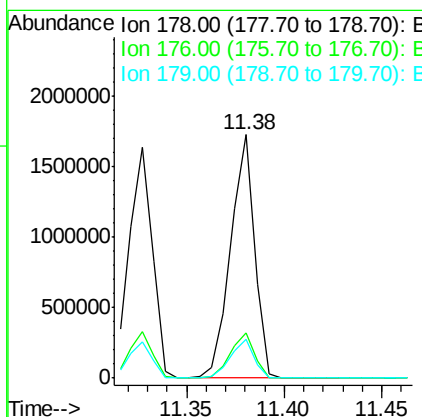
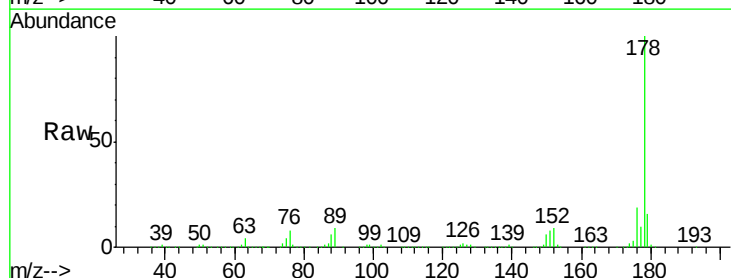
Instrument :
BNA_F
ClientSampleId :

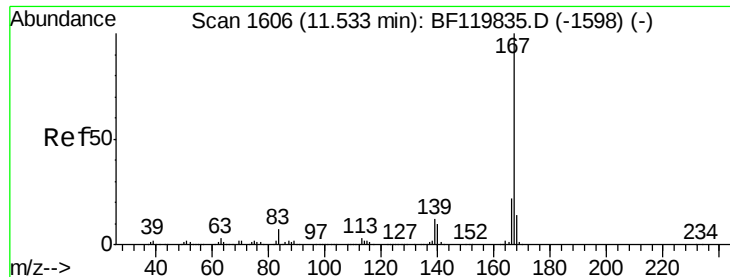
Tot Ion:178 Resp: 1415951
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.8 12.2 18.4



#72
Anthracene
Concen: 60.280 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:178 Resp: 1473390
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.9 12.8 19.2

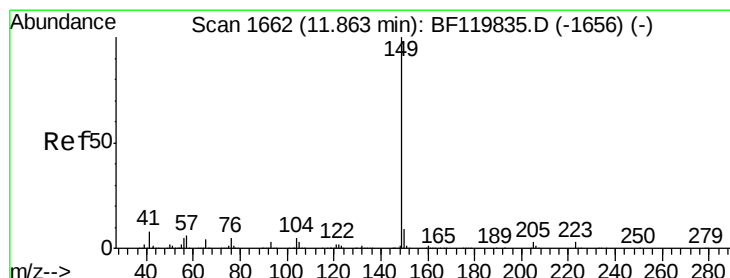
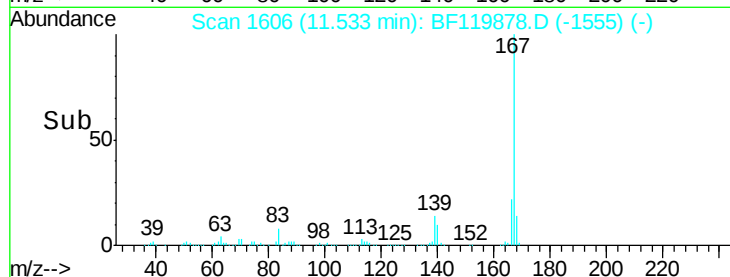
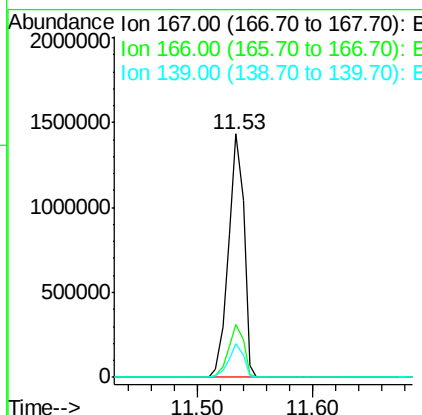
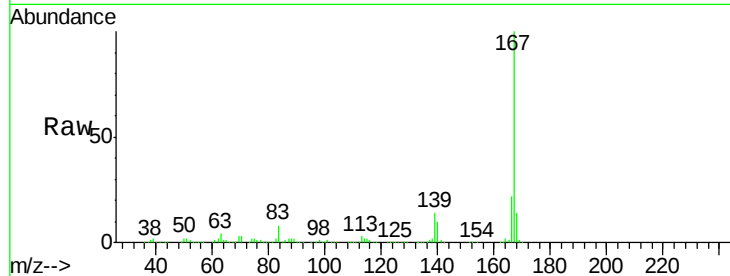




#73
 Carbazole
 Concen: 57.469 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

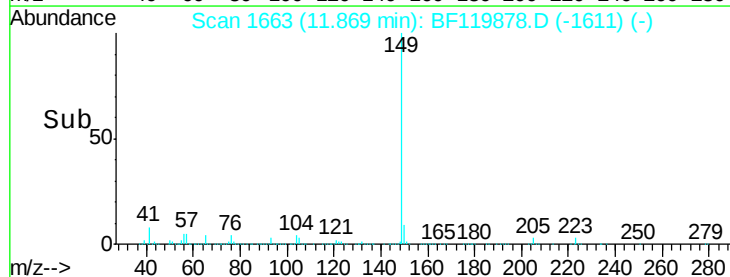
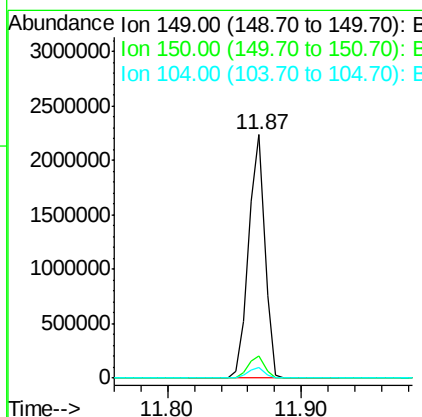
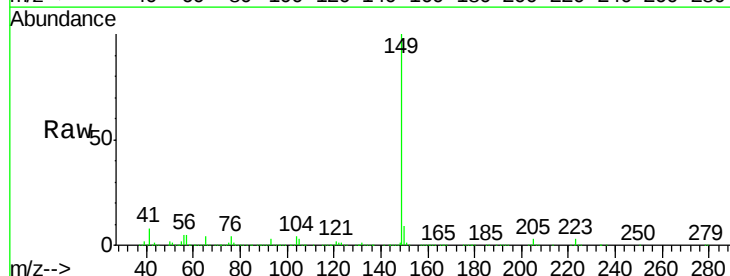
Instrument :
 BNA_F
 ClientSampleId :

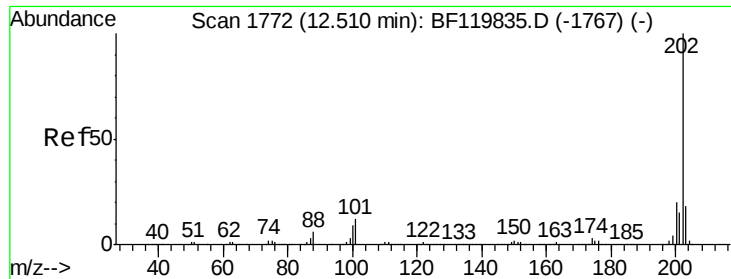
Tot Ion:167 Resp: 1328378
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.6 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 60.911 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:149 Resp: 1850872
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.4 3.8 5.6

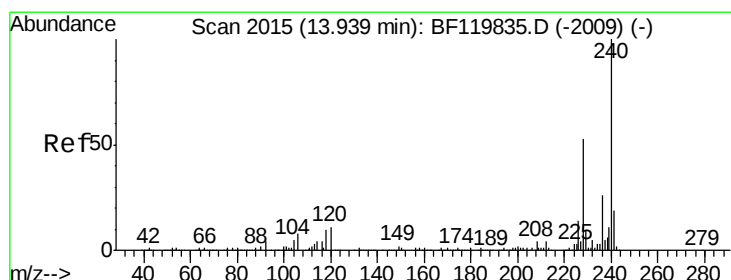
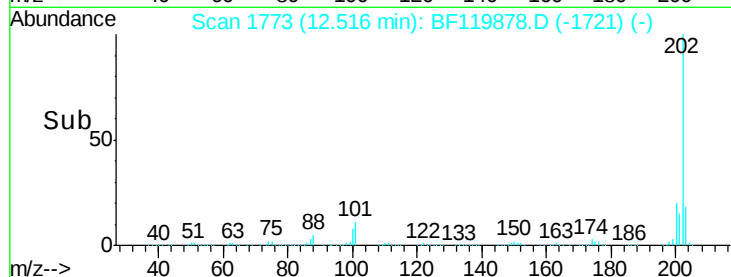
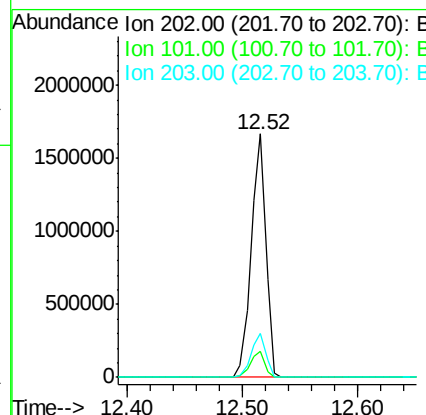
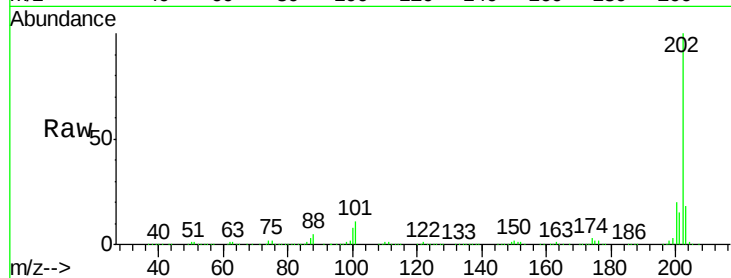




#75
Fluoranthene
Concen: 56.720 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

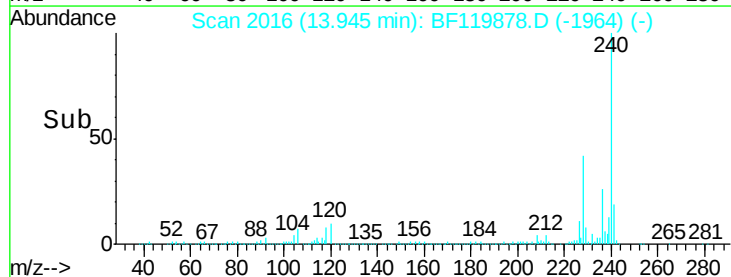
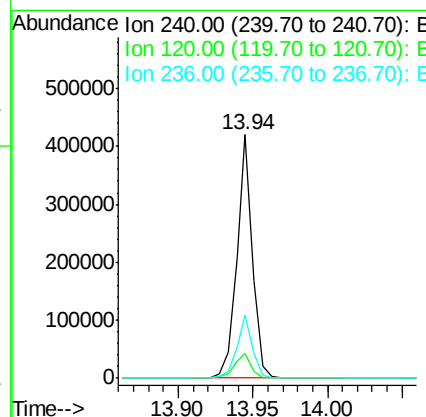
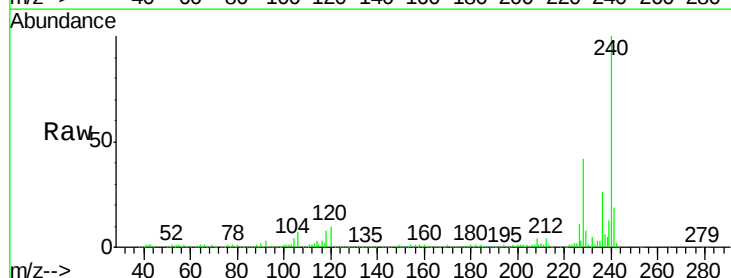
Instrument :
BNA_F
ClientSampleId :

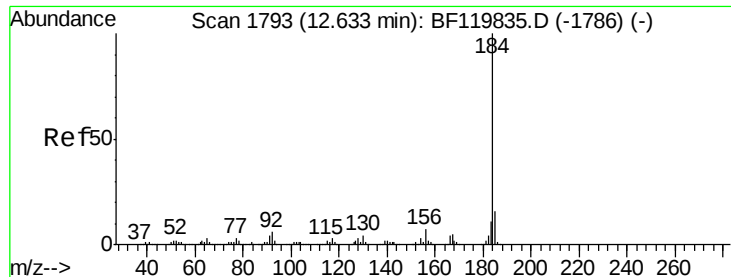
Tot Ion:202 Resp: 1464323
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.3
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:240 Resp: 309842
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.7 20.7 31.1





#77

Benzidine

Concen: 85.016 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

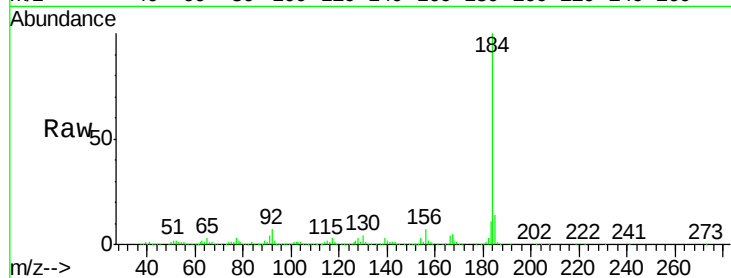
Tot Ion:184 Resp: 890418

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

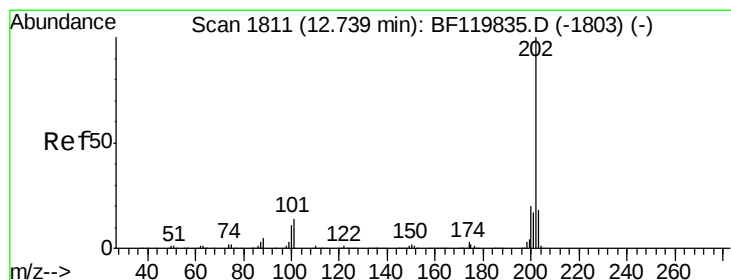
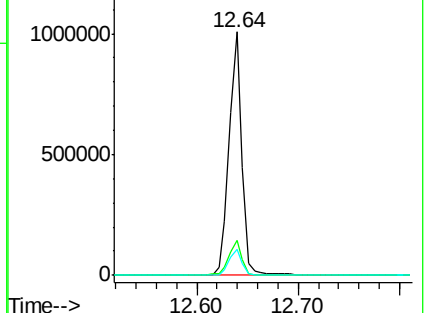
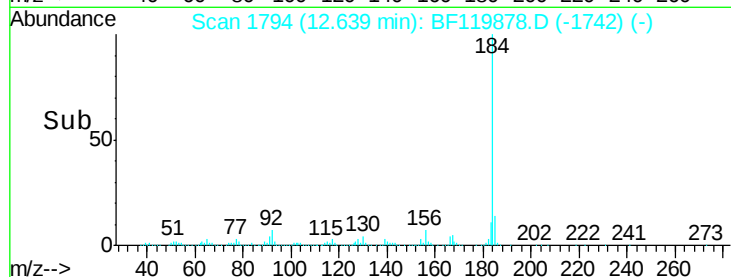
183 10.7 9.1 13.7



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: 53.187 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

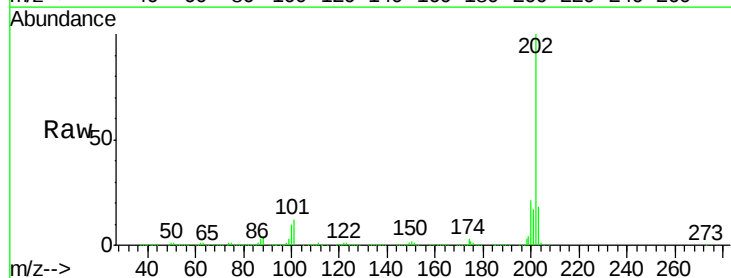
Tgt Ion:202 Resp: 1389252

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

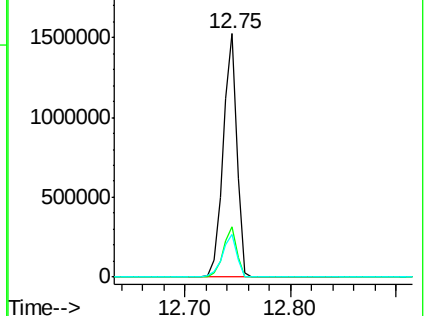
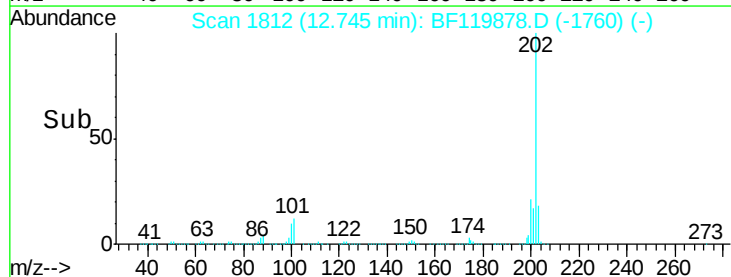
203 17.6 14.1 21.1

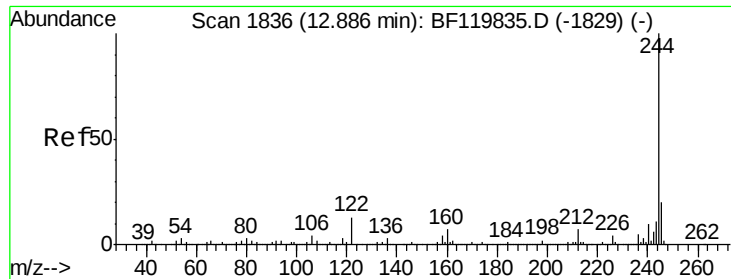


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.423 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampled :

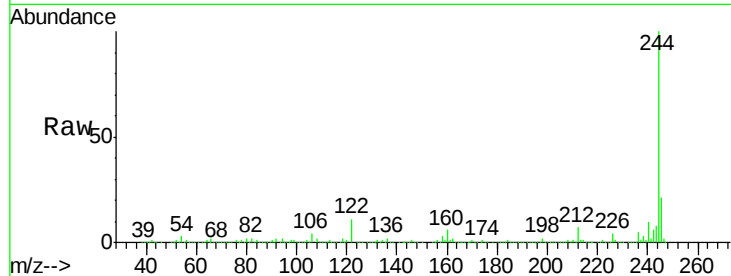
Tot Ion:244 Resp: 1830766

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.9 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

12.89

2500000

2000000

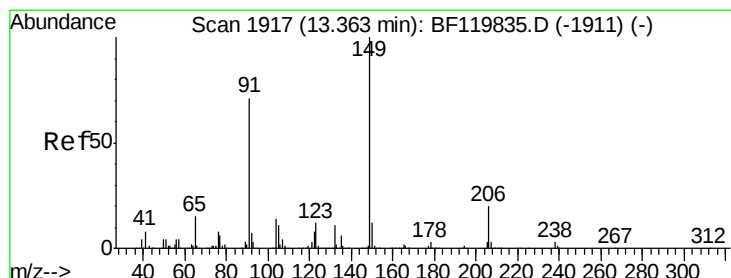
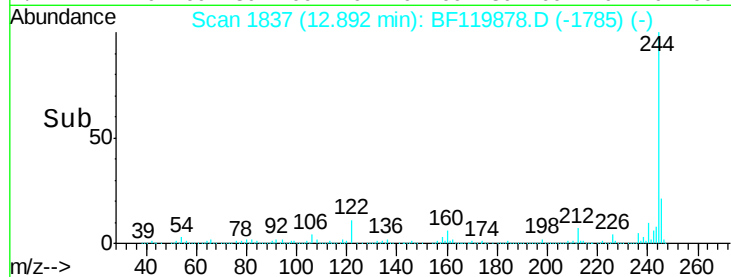
1500000

1000000

500000

0

Time--> 12.80 12.85 12.90 12.95



#80

Butylbenzylphthalate

Concen: 53.567 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

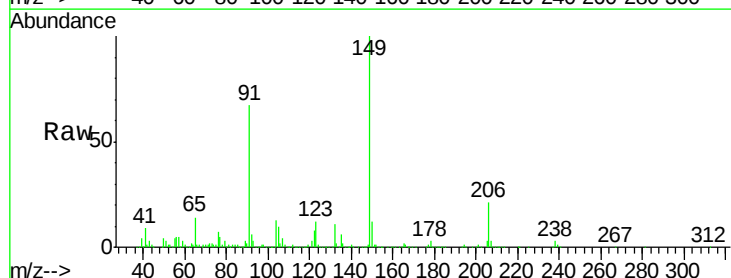
Tgt Ion:149 Resp: 678935

Ion Ratio Lower Upper

149 100

91 67.4 56.7 85.1

206 21.0 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

13.37

1000000

800000

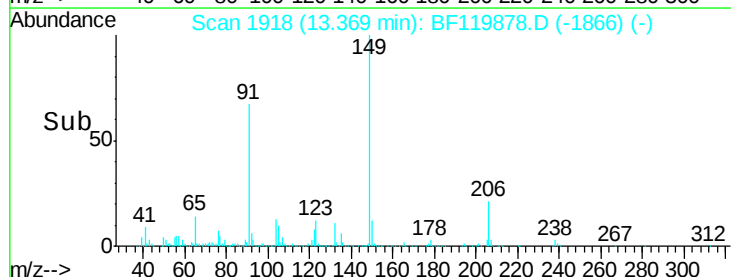
600000

400000

200000

0

Time--> 13.30 13.35 13.40





#81

Benzo(a)anthracene

Concen: 56.944 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

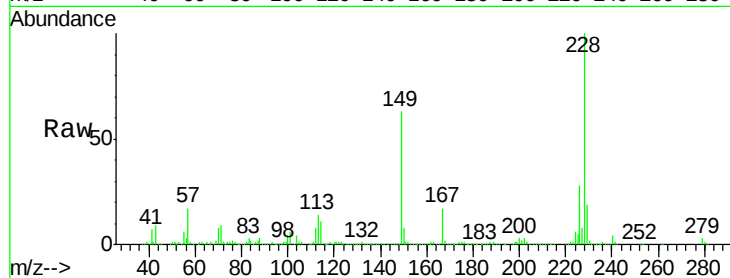
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1160716

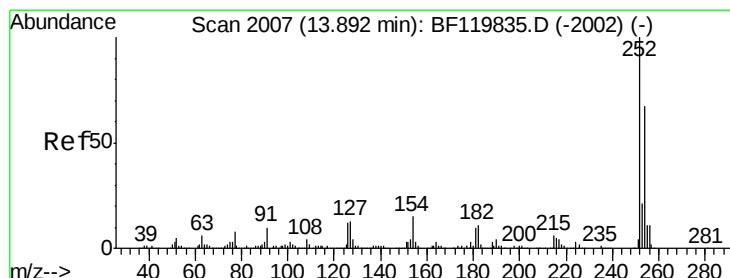
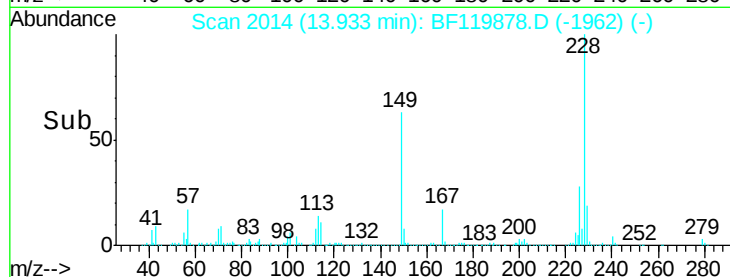
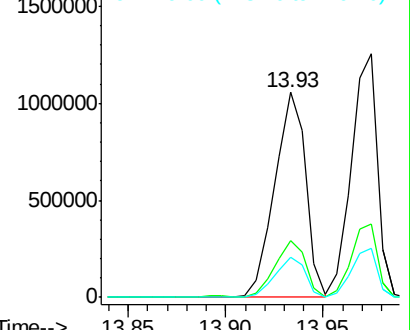
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.5	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.860 ng

RT: 13.90 min Scan# 2008

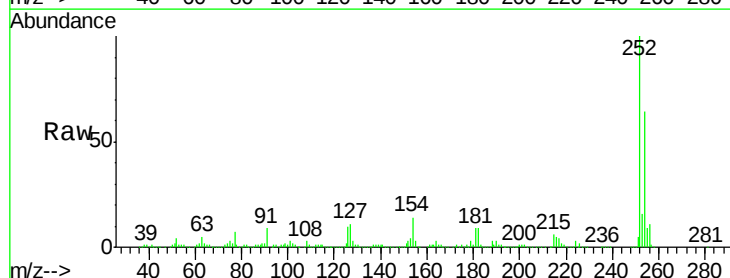
Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:252 Resp: 447662

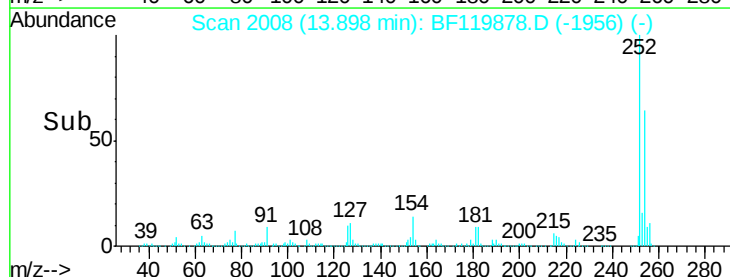
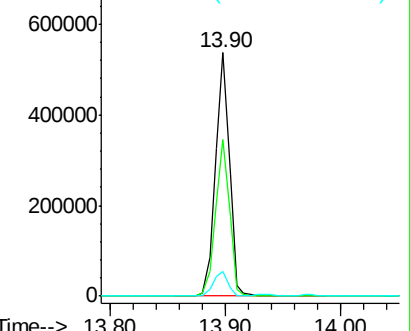
Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.9	80.9
126	10.3	9.7	14.5

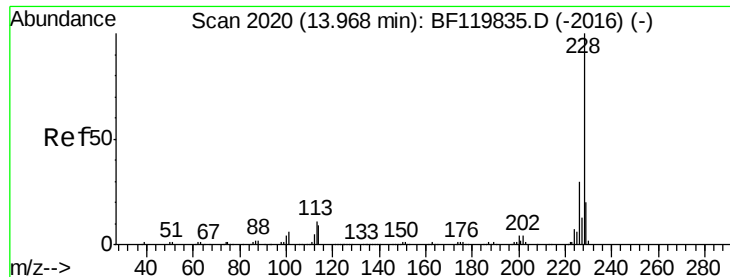


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

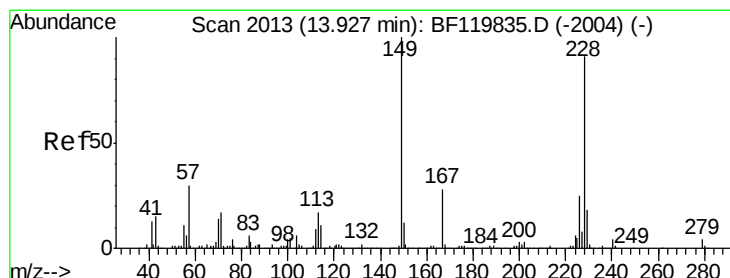
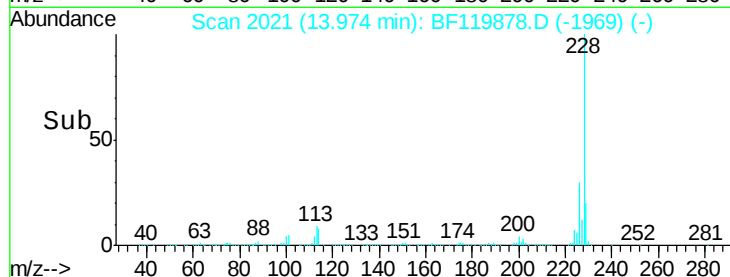
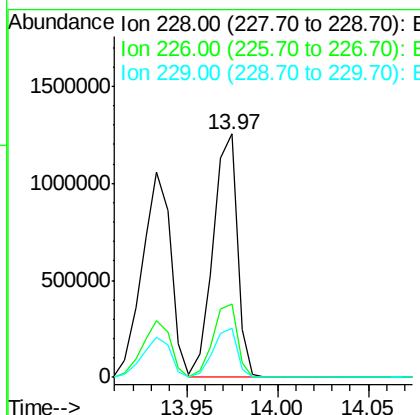
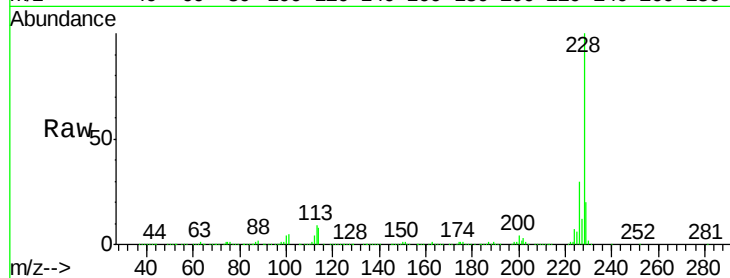




#83
 Chrvsene
 Concen: 56.074 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

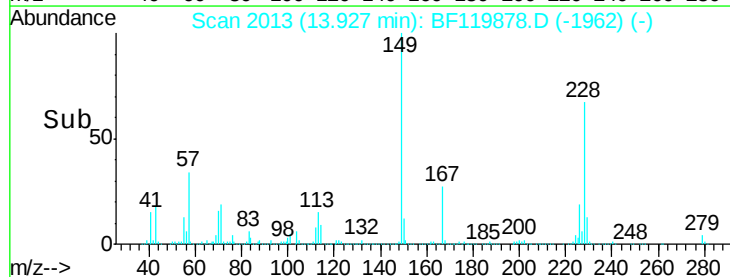
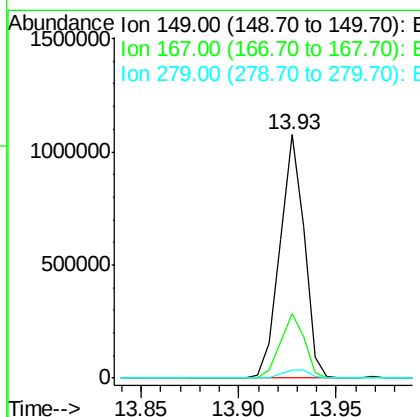
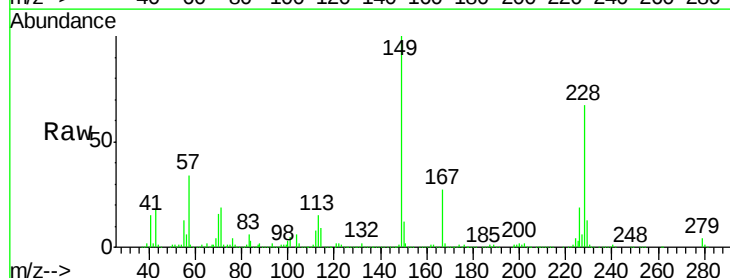
Instrument :
 BNA_F
 ClientSampleId :

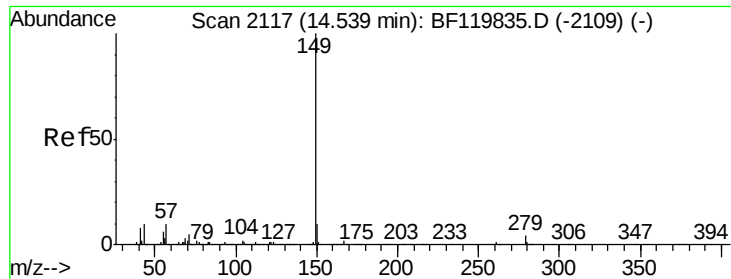
Tot Ion:228 Resp: 1161372
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 19.9 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.116 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF119878.D
 Acq: 9 Apr 2020 19:12

Tgt Ion:149 Resp: 928829
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.2 33.2
 279 3.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.418 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

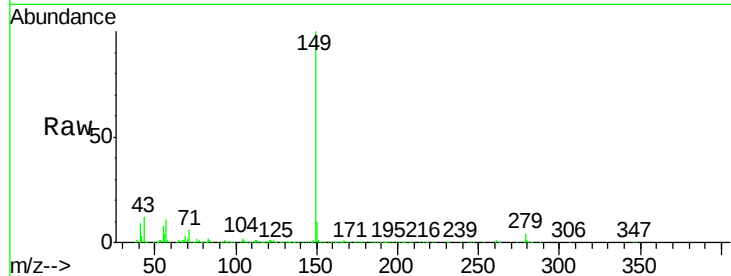
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1619559

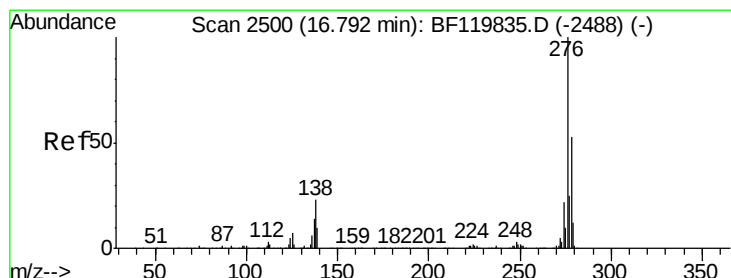
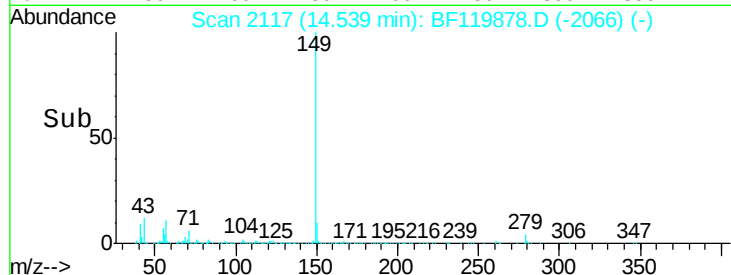
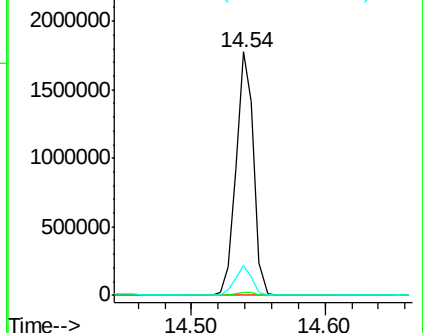
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.2	13.8



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: 61.065 ng

RT: 16.80 min Scan# 2502

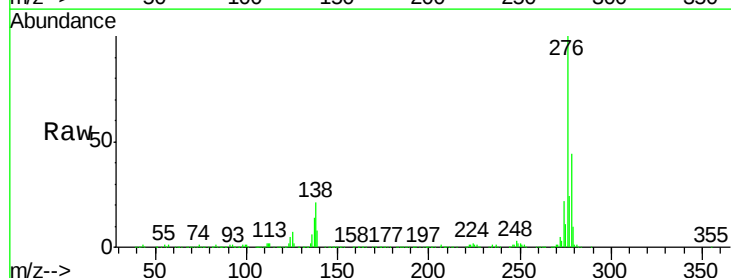
Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Tgt Ion:276 Resp: 1114859

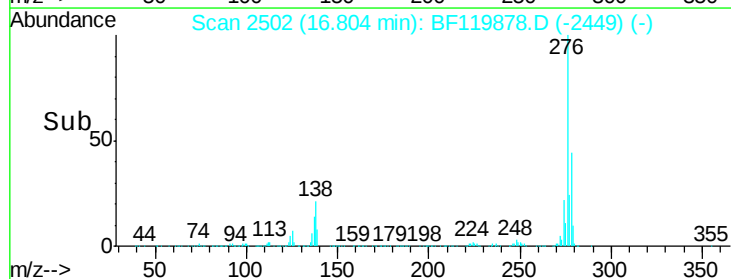
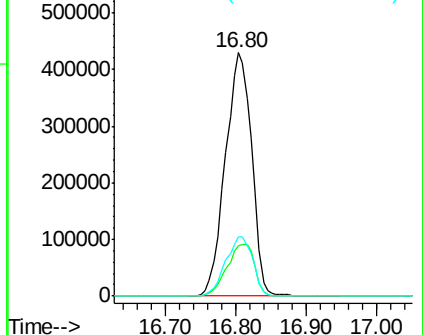
Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.0	27.0
277	25.2	20.1	30.1

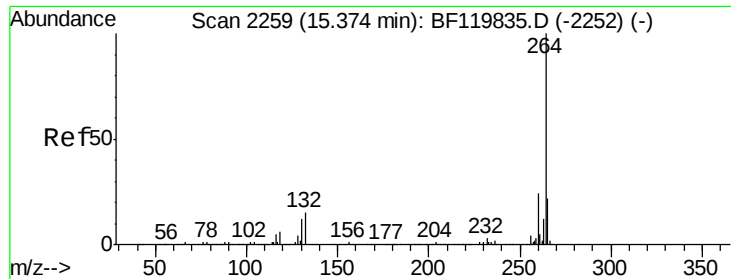


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

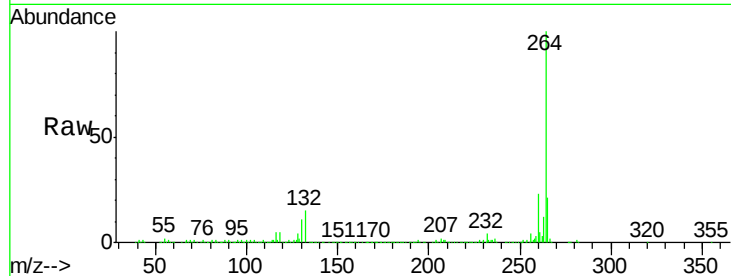
Tot Ion:264 Resp: 315908

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

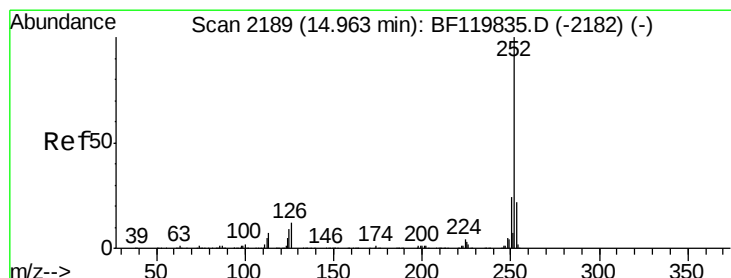
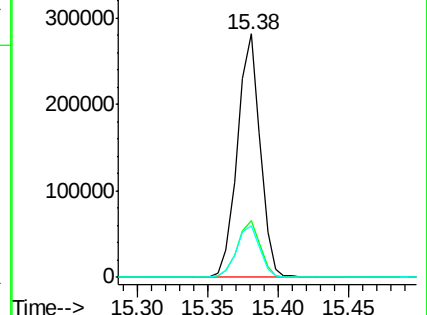
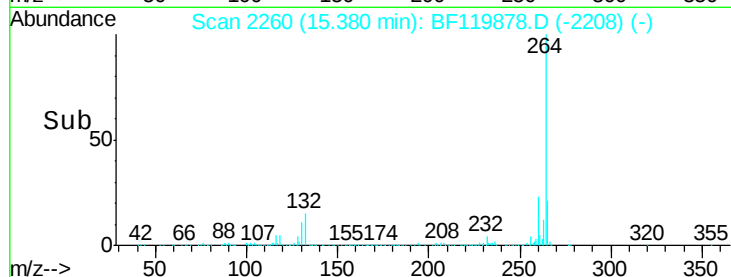
265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.508 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF119878.D

Acq: 9 Apr 2020 19:12

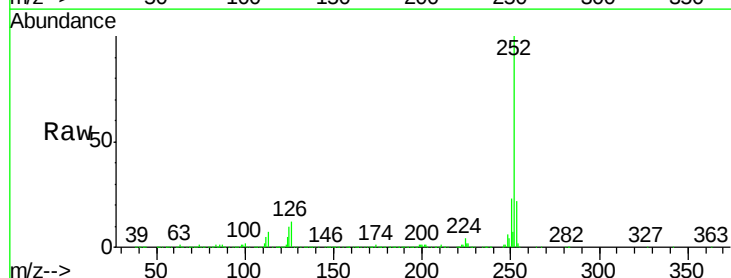
Tgt Ion:252 Resp: 1329641

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

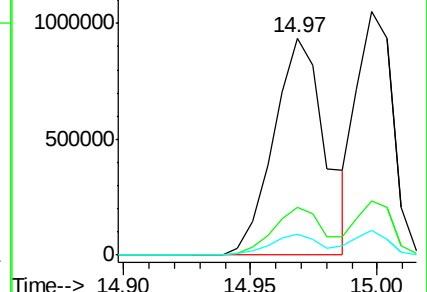
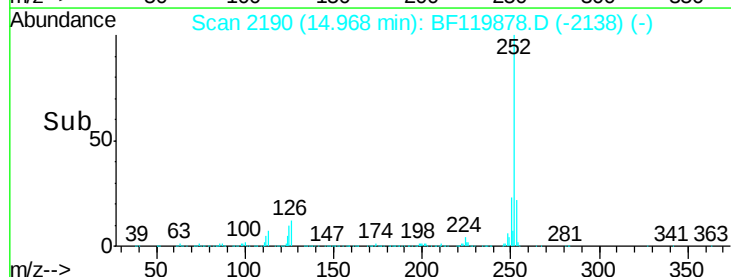
125 9.7 7.4 11.2

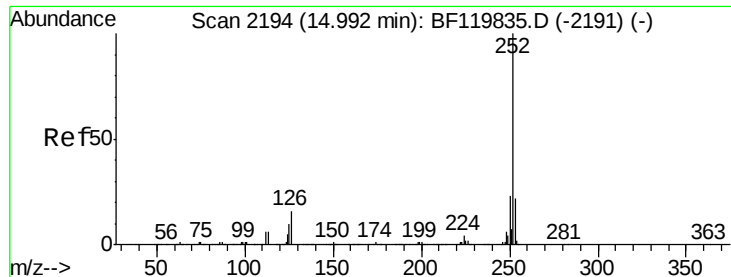


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

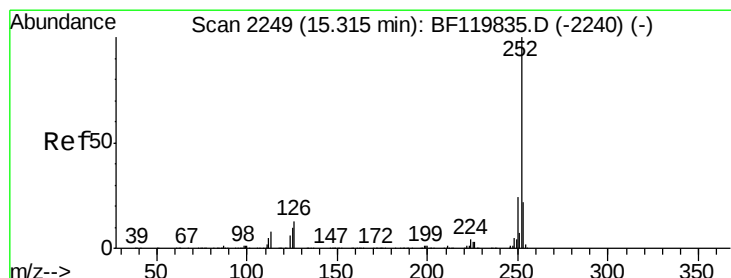
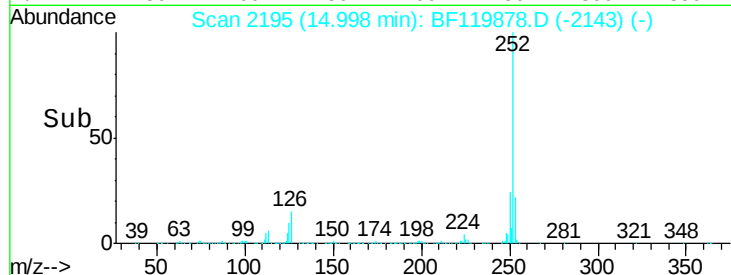
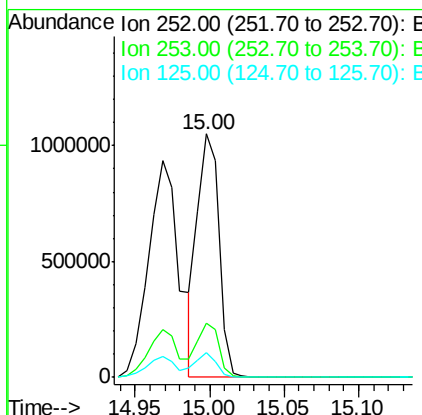
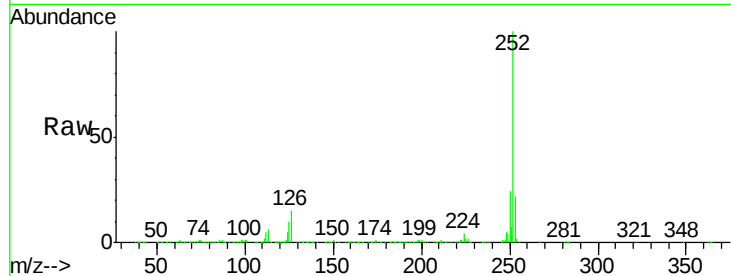




#89
Benzo(k)fluoranthene
Concen: 52.973 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

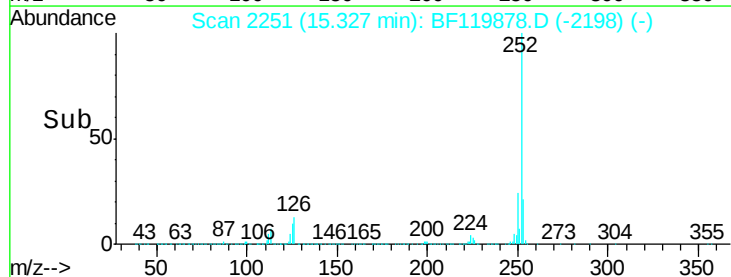
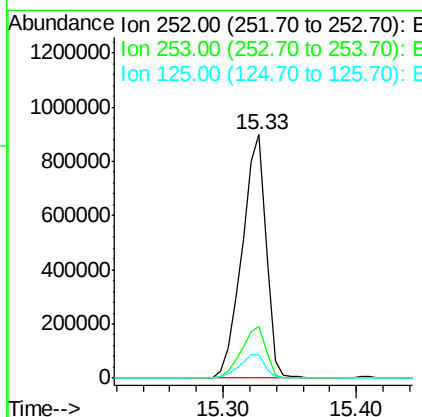
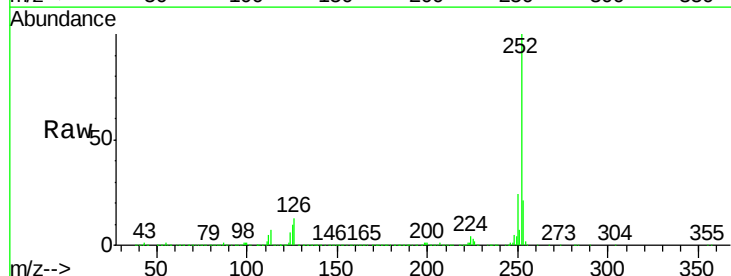
Instrument :
BNA_F
ClientSampleId :

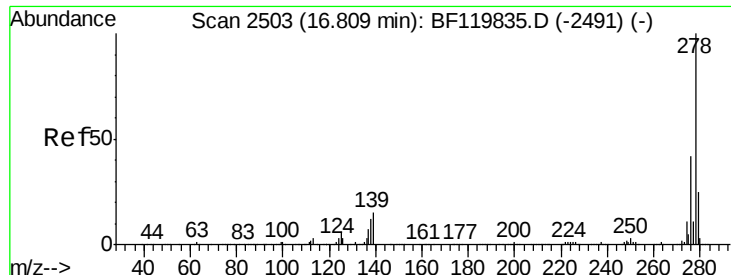
Tot Ion:252 Resp: 1038693
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 58.127 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion:252 Resp: 1110670
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.9 8.3 12.5

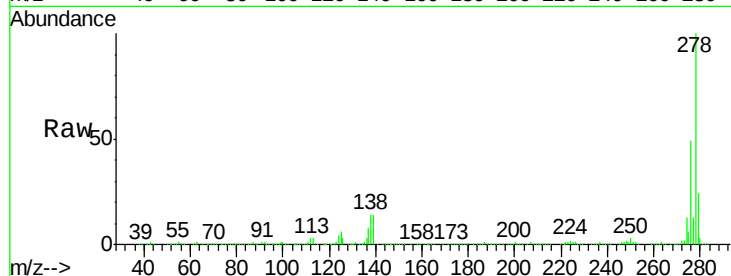




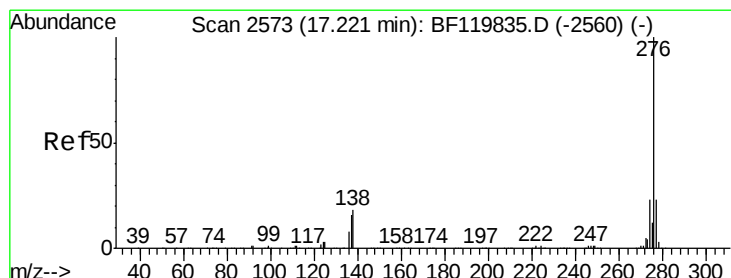
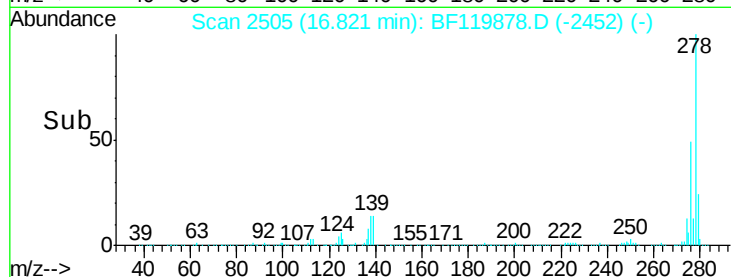
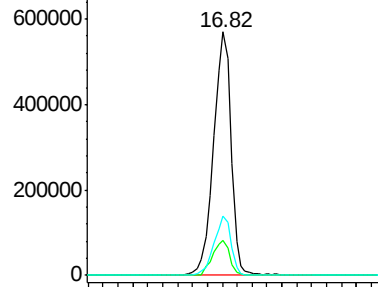
#91
Dibenzo(a,h)anthracene
Concen: 55.102 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.4	19.7	29.5

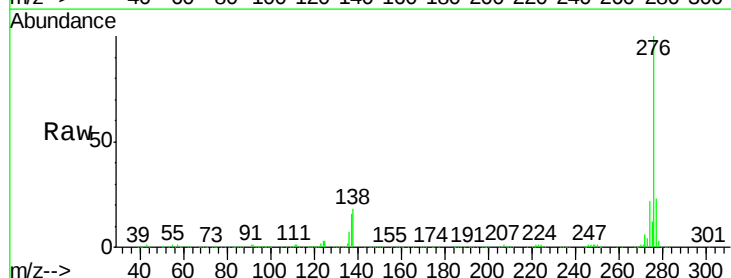


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.340 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF119878.D
Acq: 9 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	17.6	14.6	22.0



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

