

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098499.D
 Acq On : 13 Sep 2017 19:45
 Operator : SJ/JU
 Sample : I5160-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:06:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170263	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	700292	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	310590	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	511624	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	341669	20.00	ng	-0.01
86) Perylene-d12	15.20	264	327698	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1446267	125.59	ng	0.00
7) Phenol-d6	6.31	99	1816866	124.26	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1105036	87.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	303392	146.36	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1722556	94.00	ng	-0.02
78) Terphenyl-d14	12.76	244	1169054	73.85	ng	-0.01

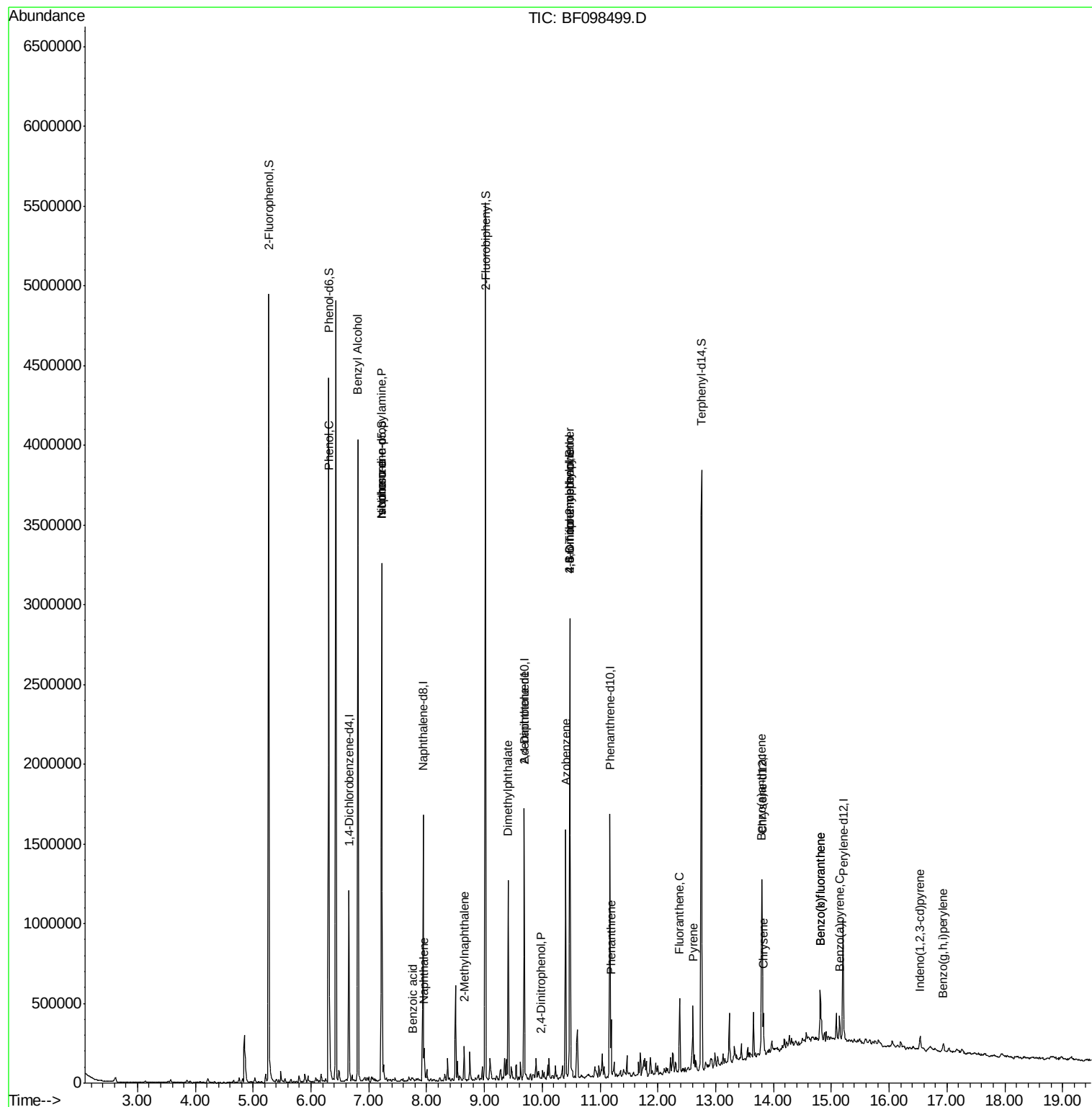
Target Compounds				Qvalue		
10) Phenol	6.32	94	54834	3.229	ng	99
15) Benzyl Alcohol	6.81	79	19644	2.019	ng	# 32
19) n-Nitroso-di-n-propylamine	7.23	70	147957	16.088	ng	# 79
25) Isophorone	7.23	82	1088322	42.822	ng	# 67
31) Naphthalene	7.96	128	73370	2.119	ng	96
32) Benzoic acid	7.76	122	1172	8.102	ng	# 39
37) 2-Methylnaphthalene	8.65	142	53705	2.561	ng	98
49) Dimethylphthalate	9.41	163	441236	18.353	ng	100
53) 2,4-Dinitrophenol	9.97	184	514	8.722	ng	# 4
56) 2,4-Dinitrotoluene	9.69	165	43720	7.282	ng	# 33
62) Azobenzene	10.40	77	266058	10.796	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	920	5.227	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	22063	4.544	ng	# 1
70) Phenanthrene	11.19	178	122397	4.513	ng	97
74) Fluoranthene	12.37	202	172999	6.372	ng	97
77) Pyrene	12.60	202	149983	5.565	ng	99
80) Benzo(a)anthracene	13.79	228	82549	4.121	ng	94
82) Chrysene	13.83	228	105375	5.204	ng	96
85) Indeno(1,2,3-cd)pyrene	16.53	276	40480	2.849	ng	94
87) Benzo(b)fluoranthene	14.81	252	196682	9.545	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	196682	10.225	ng	97
89) Benzo(a)pyrene	15.14	252	63703	3.470	ng	# 95
91) Benzo(g,h,i)perylene	16.93	276	36851	2.744	ng	95

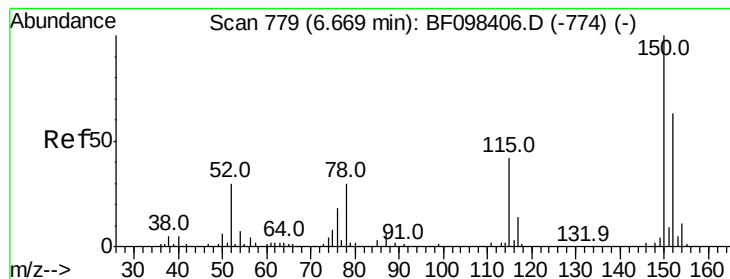
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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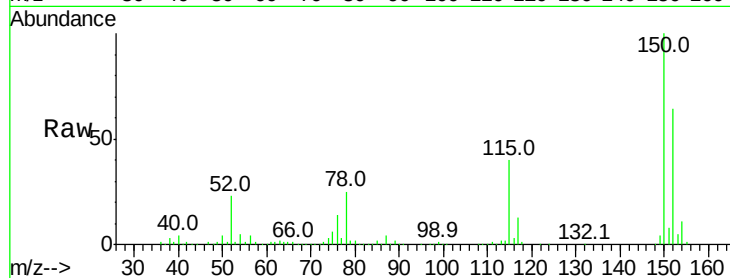


#1

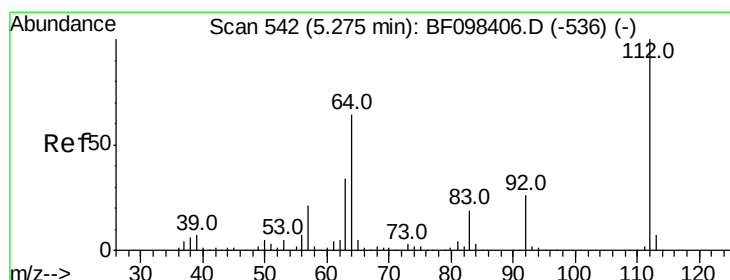
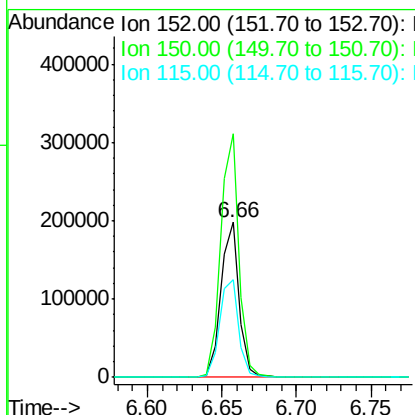
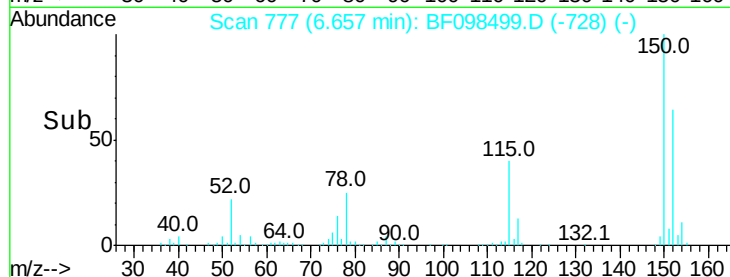
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170263
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 63.3 52.2 78.2



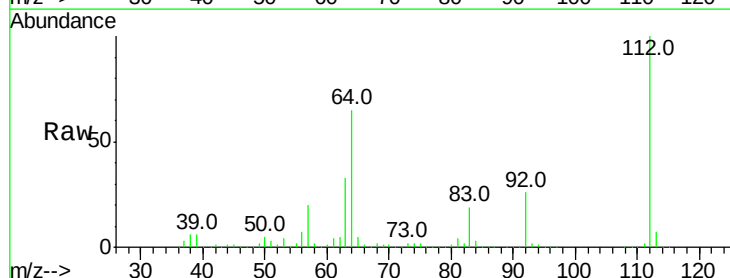
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



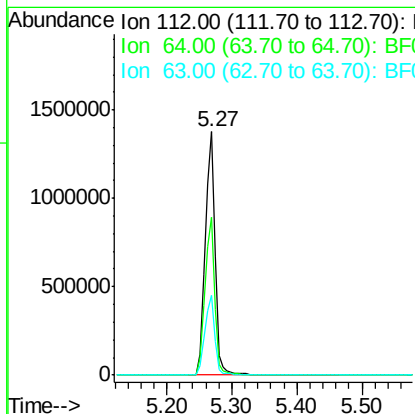
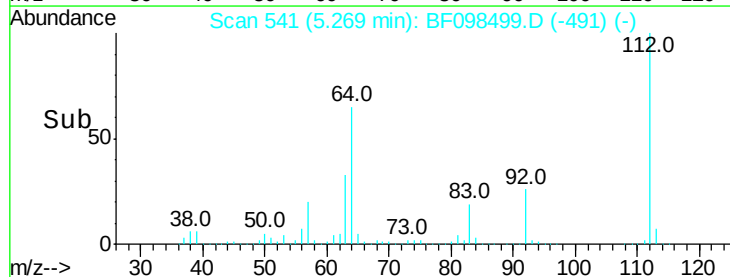
#5

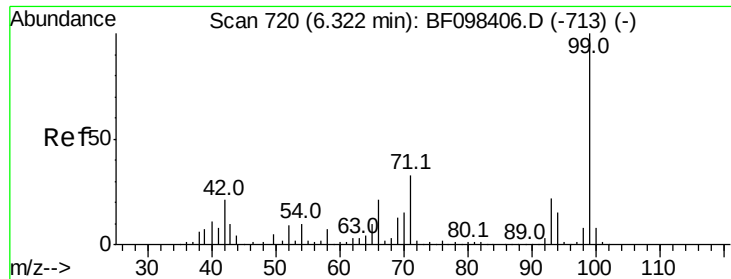
2-Fluorophenol
Concen: 125.590 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion:112 Resp: 1446267
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 32.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.263 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampled :

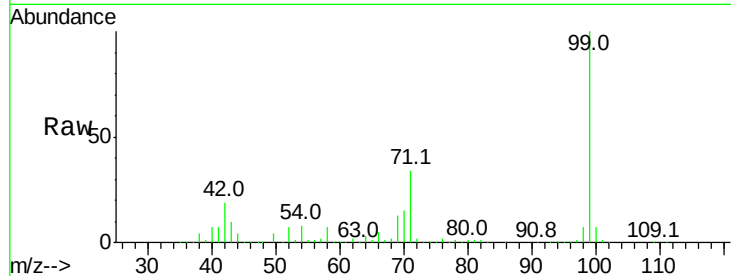
Tot Ion: 99 Resp: 1816866

Ion Ratio Lower Upper

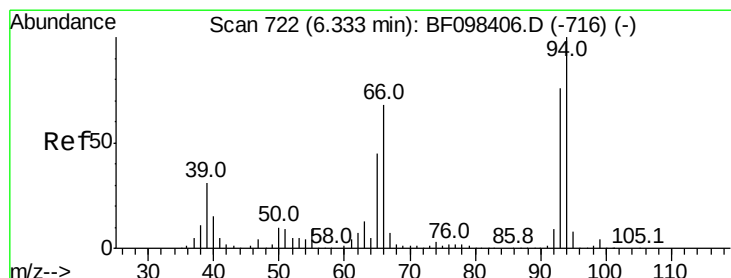
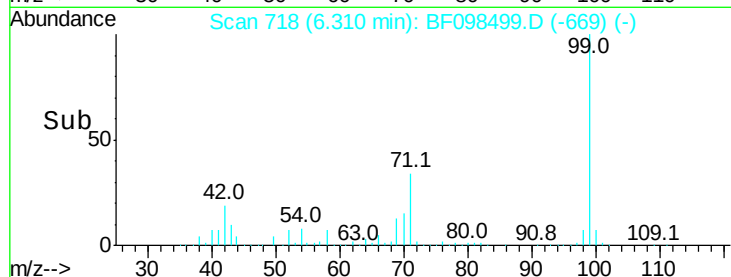
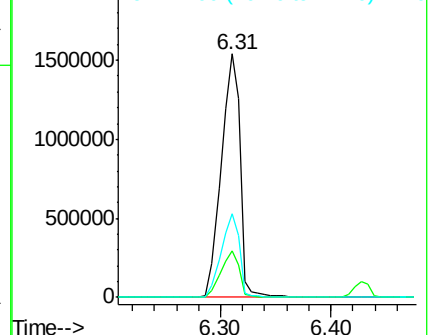
99 100

42 18.9 13.5 20.3

71 34.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.229 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

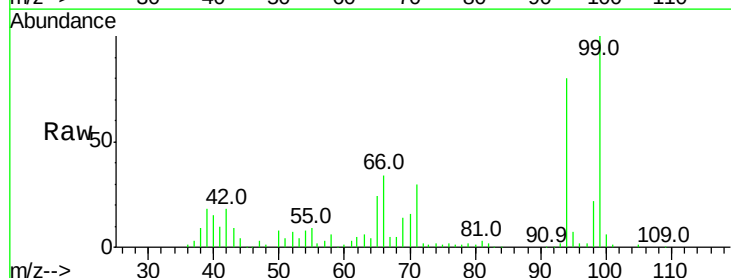
Tgt Ion: 94 Resp: 54834

Ion Ratio Lower Upper

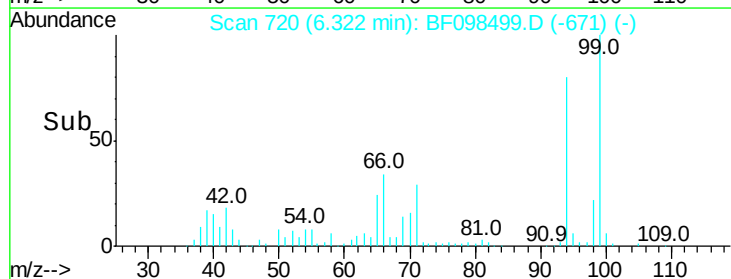
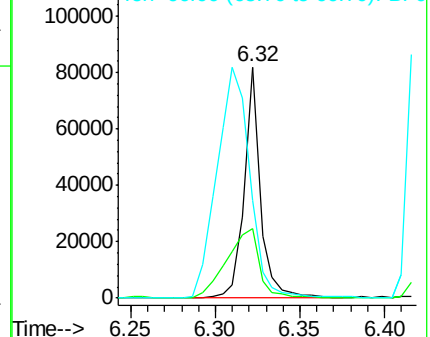
94 100

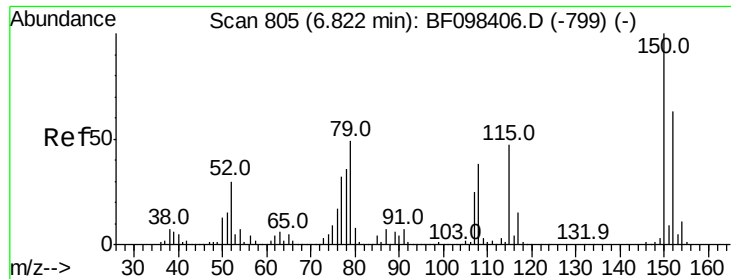
65 30.1 9.9 49.9

66 42.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

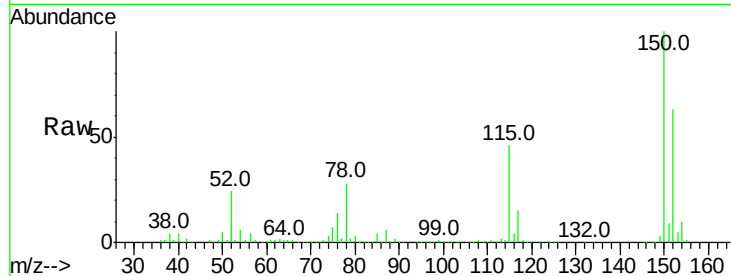




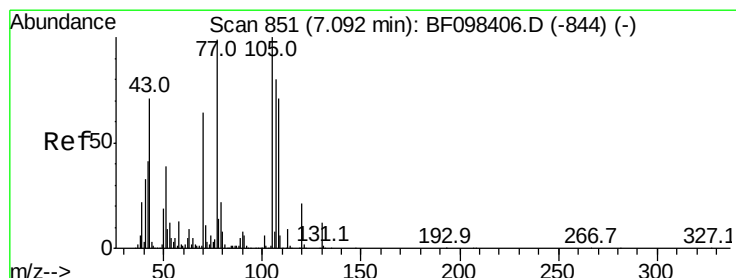
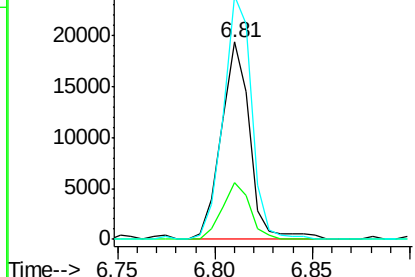
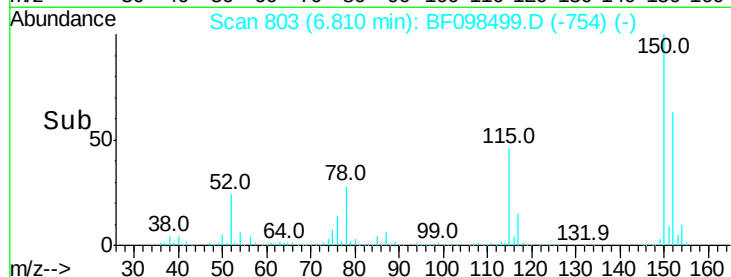
#15
Benzyl Alcohol
Concen: 2.019 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 19644
Ion Ratio Lower Upper
79 100
108 28.5 63.4 95.0#
77 123.3 49.2 73.8#

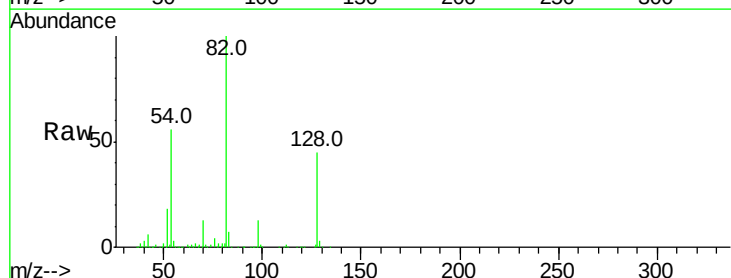


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

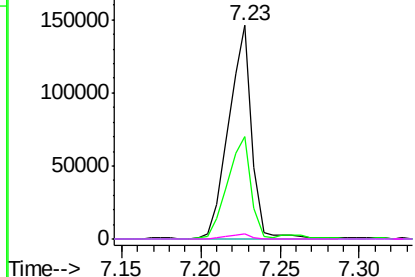
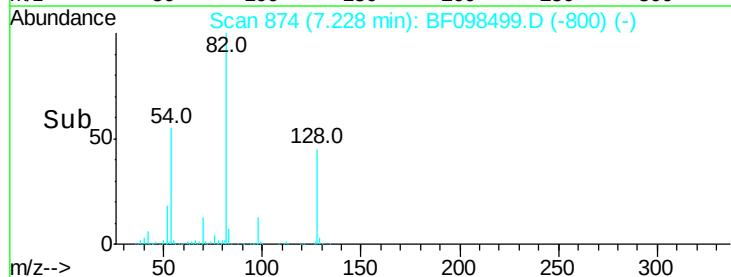


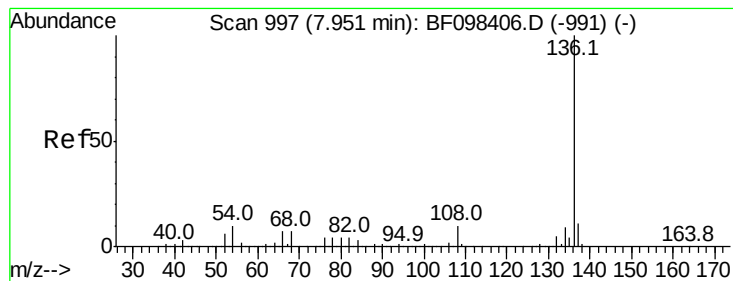
#19
n-Nitroso-di-n-propylamine
Concen: 16.088 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.14 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion: 70 Resp: 147957
Ion Ratio Lower Upper
70 100
42 48.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 700292

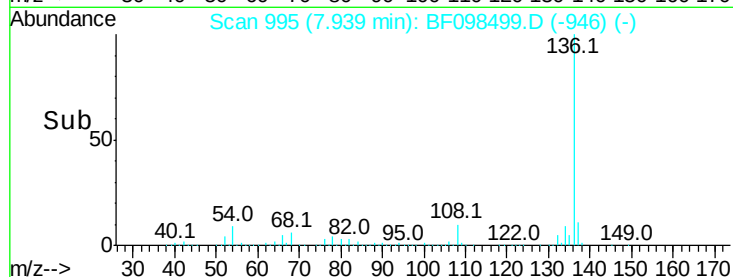
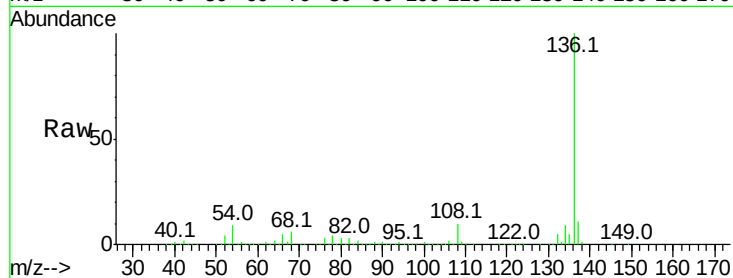
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.1 4.9 7.3#

68 6.4 4.1 6.1#

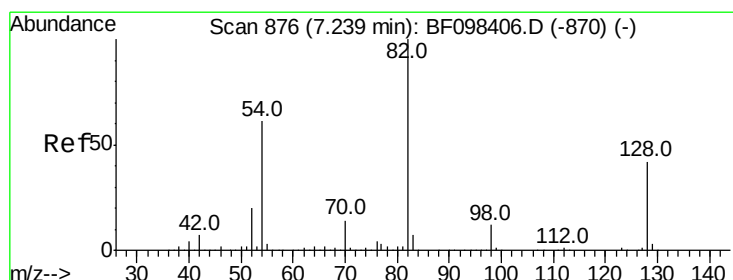
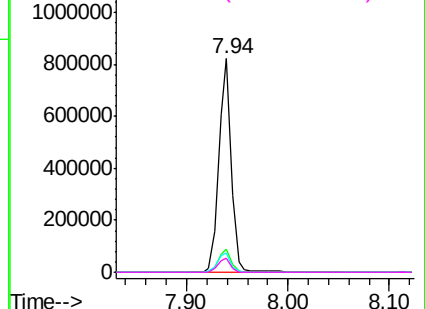


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.971 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

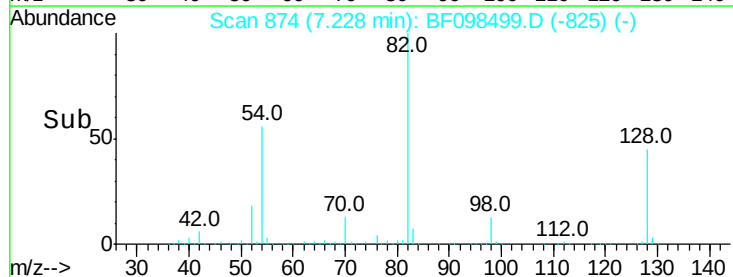
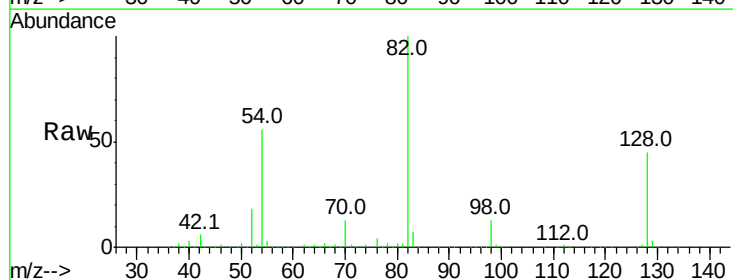
Tgt Ion: 82 Resp: 1105036

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

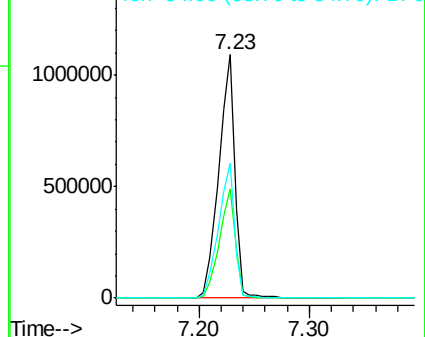
54 55.5 42.2 63.2

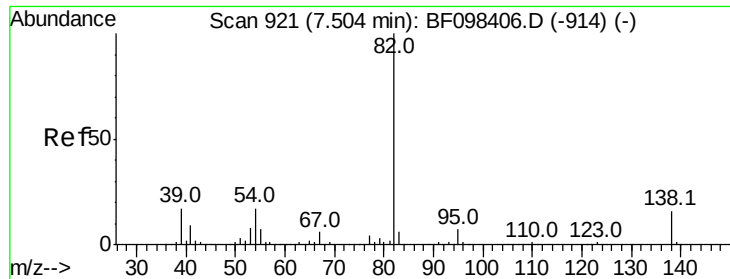


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.822 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

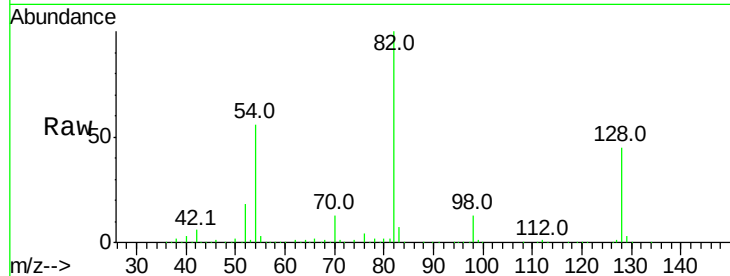
Tot Ion: 82 Resp: 1088322

Ion Ratio Lower Upper

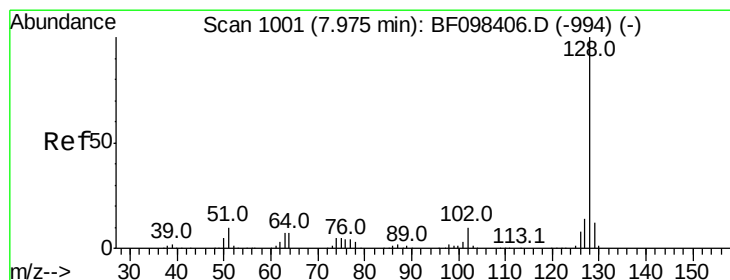
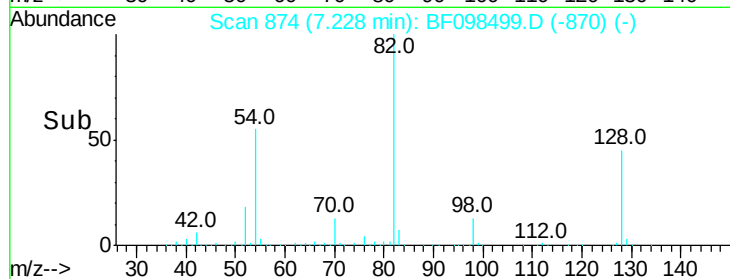
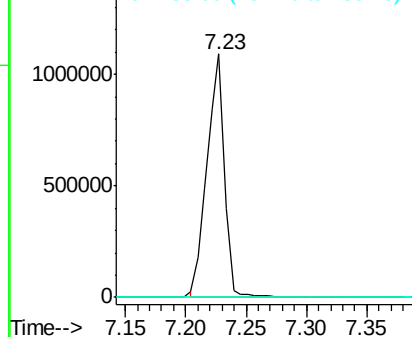
82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 2.119 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

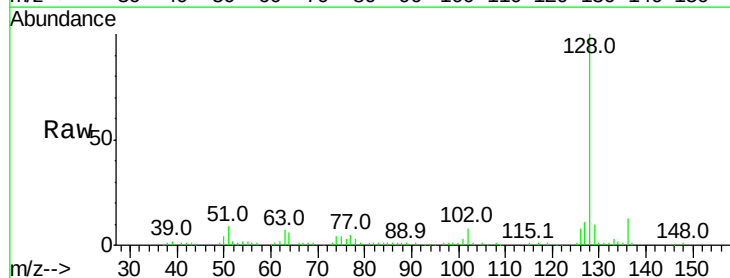
Tgt Ion:128 Resp: 73370

Ion Ratio Lower Upper

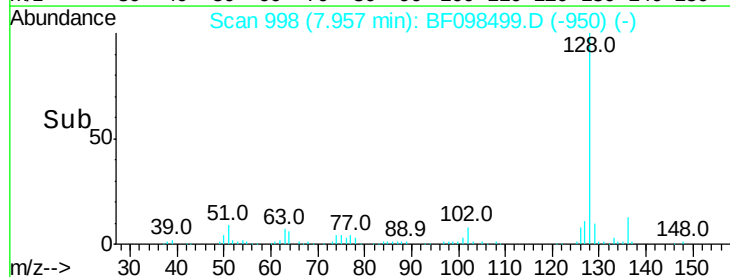
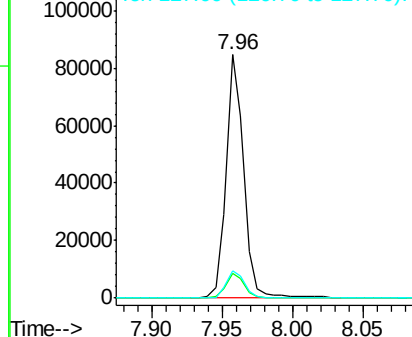
128 100

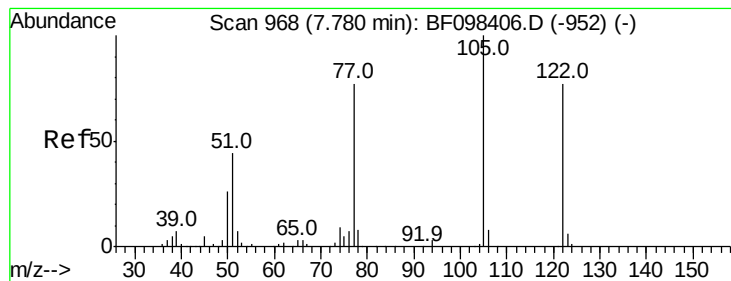
129 10.3 9.0 13.6

127 11.3 10.8 16.2



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: 8.102 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampled :

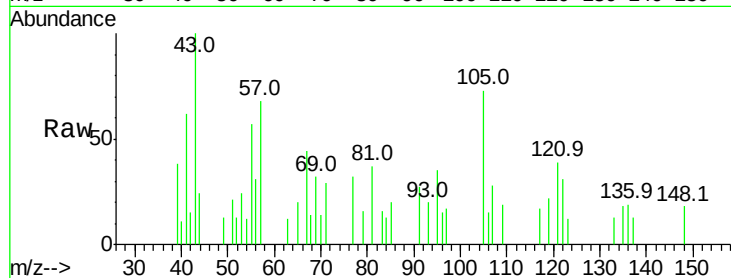
Tot Ion:122 Resp: 1172

Ion Ratio Lower Upper

122 100

105 236.2 103.3 143.3#

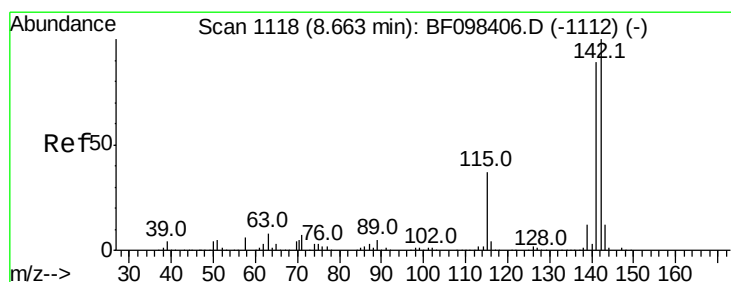
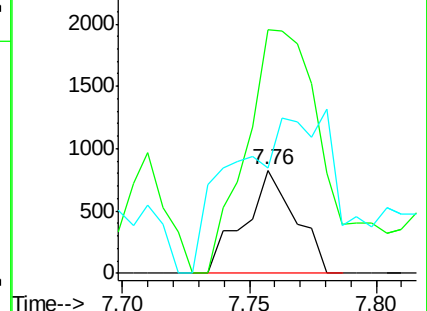
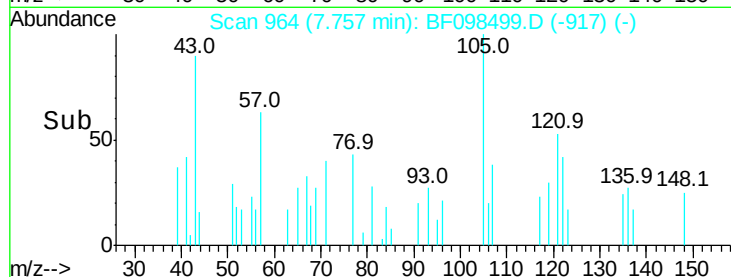
77 102.3 73.7 113.7



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): BF0



#37

2-Methylnaphthalene

Concen: 2.561 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

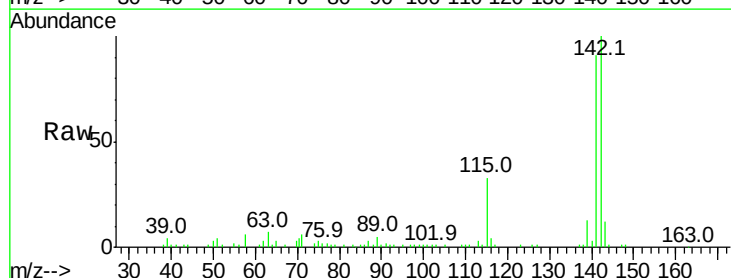
Tgt Ion:142 Resp: 53705

Ion Ratio Lower Upper

142 100

141 91.2 71.3 106.9

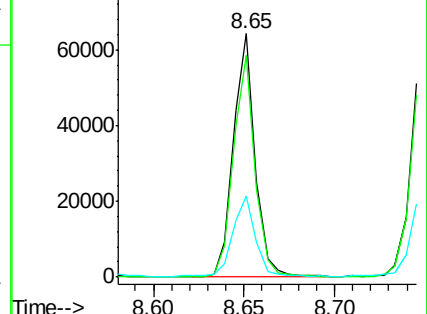
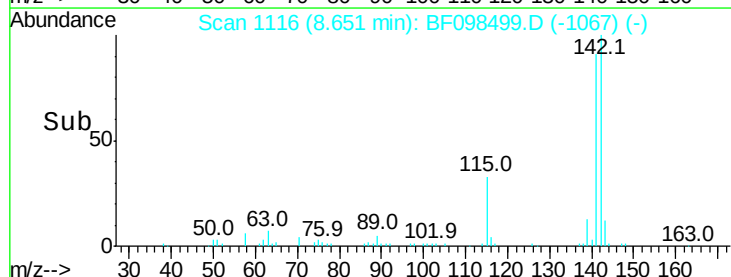
115 33.2 27.1 40.7

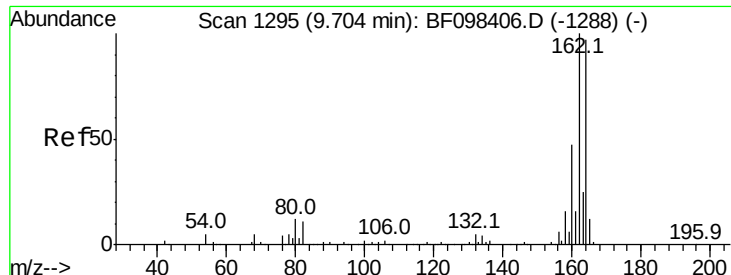


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampled :

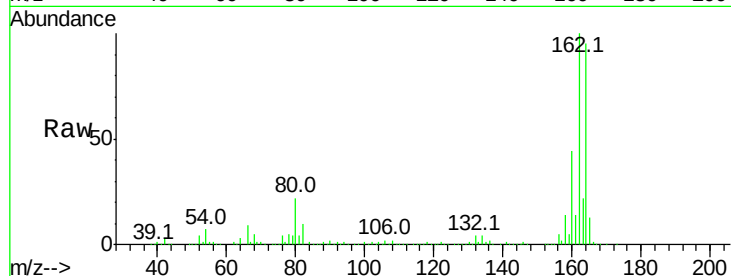
Tot Ion:164 Resp: 310590

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

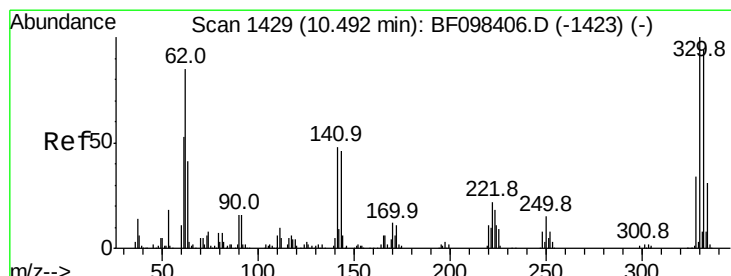
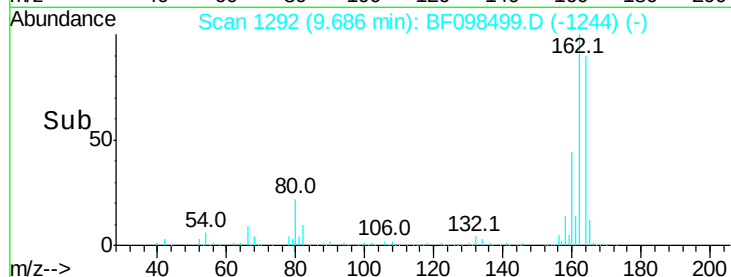
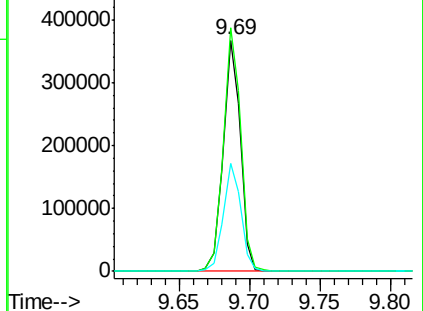
160 46.4 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 146.359 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

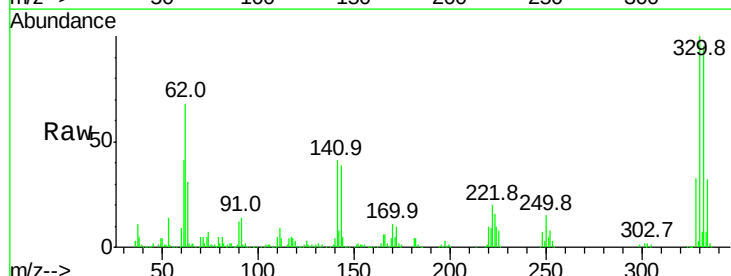
Tgt Ion:330 Resp: 303392

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

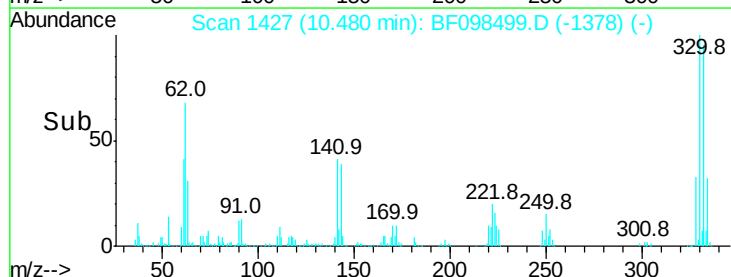
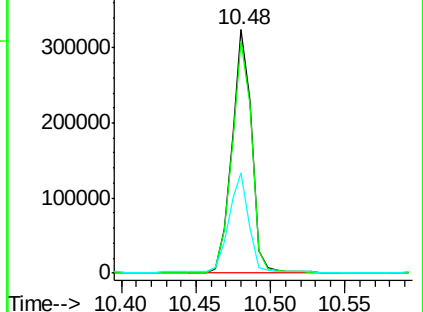
141 43.6 31.4 47.2

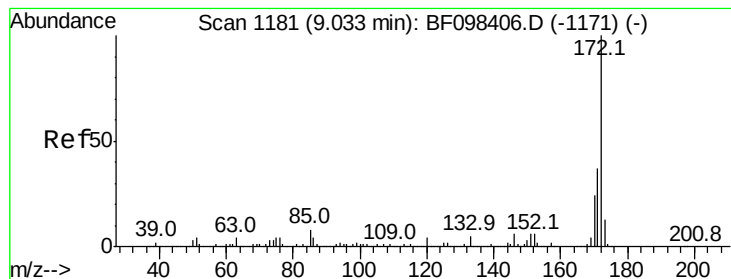


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.001 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

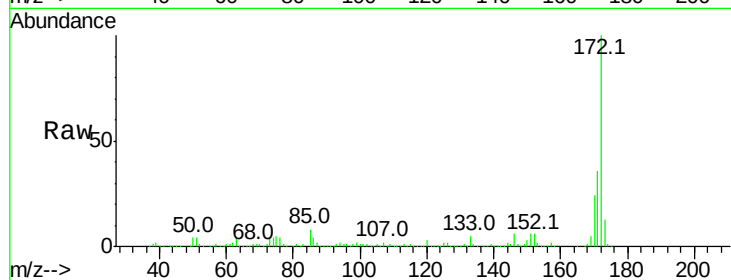
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1722556

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8

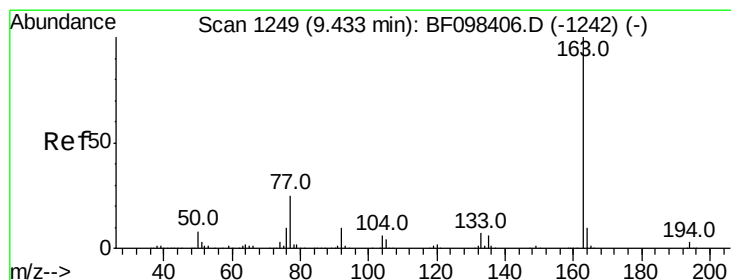
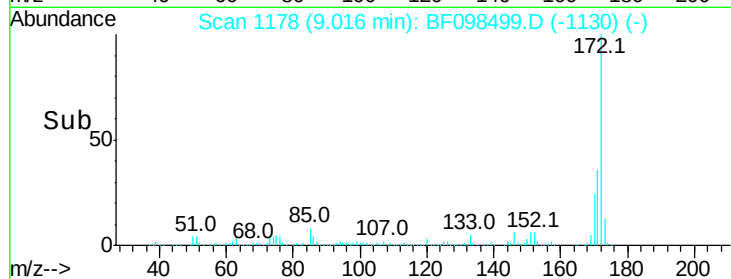
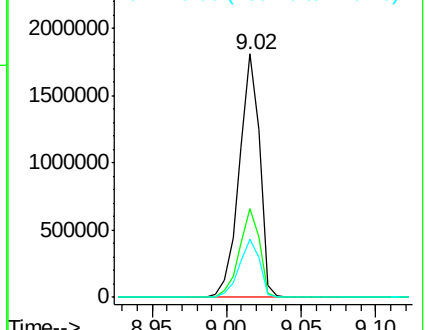


Abundance

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



#49

Dimethylphthalate

Concen: 18.353 ng

RT: 9.41 min Scan# 1245

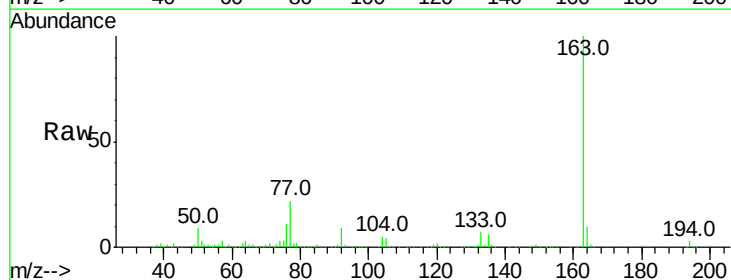
Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Tgt Ion:163 Resp: 441236

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

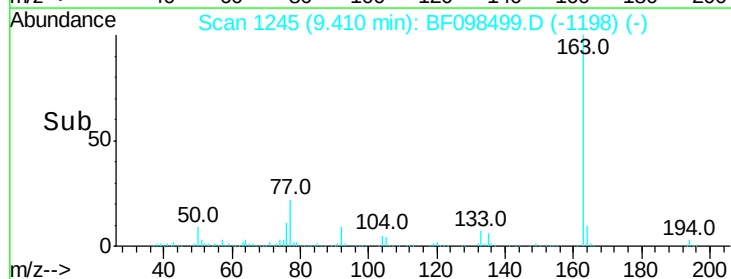
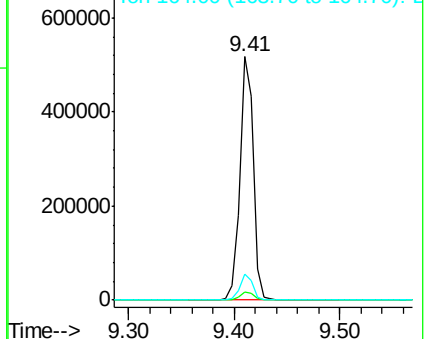


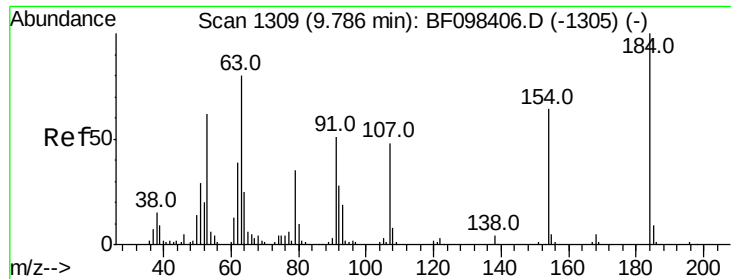
Abundance

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

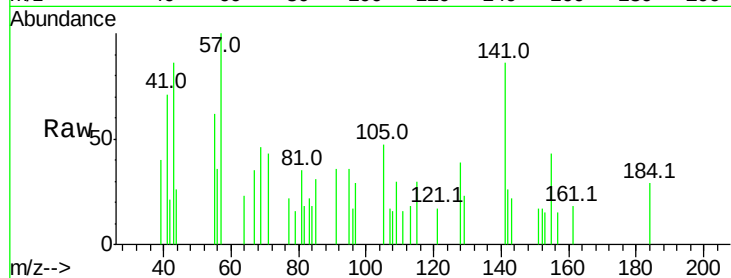




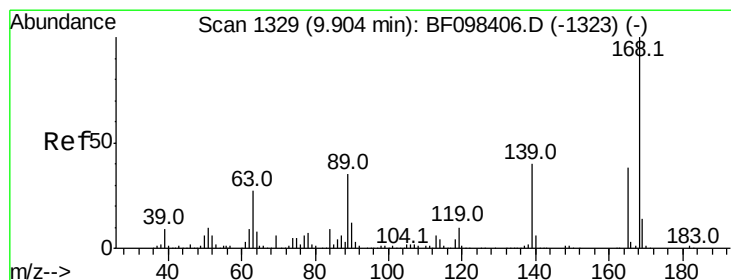
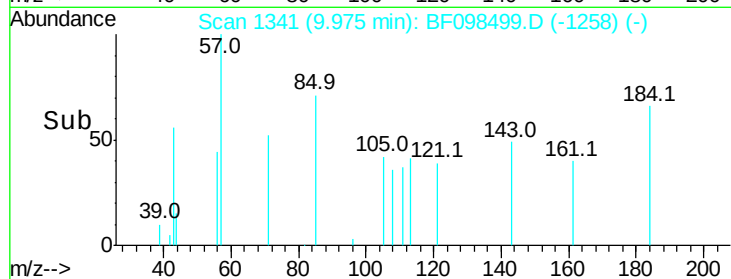
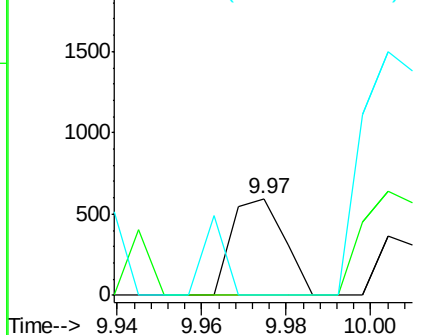
#53
 2,4-Dinitrophenol
 Concen: 8.722 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.19 min
 Lab File: BF098499.D
 Acq: 13 Sep 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 514
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 0.0 81.1 121.7#

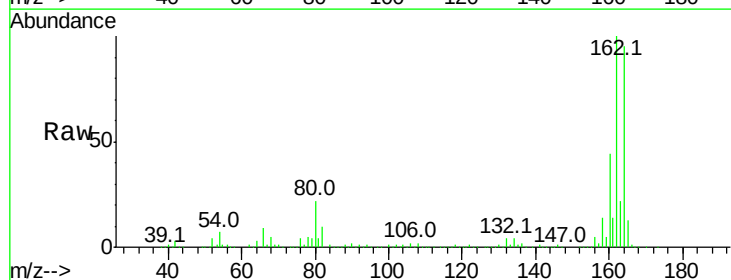


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

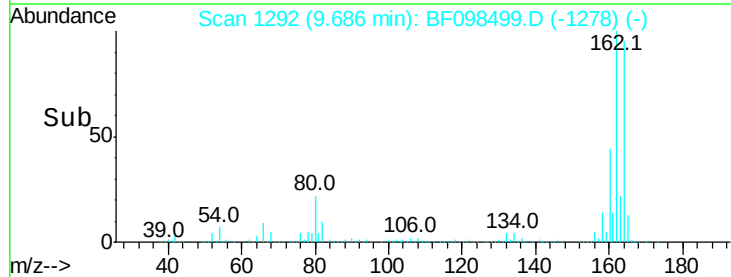
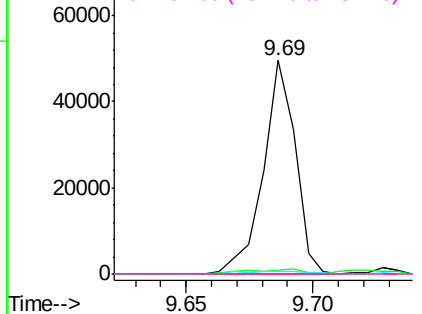


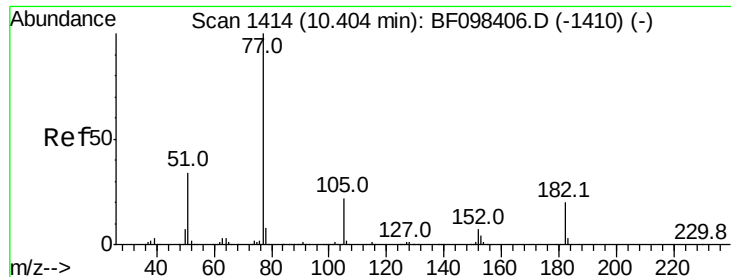
#56
 2,4-Dinitrotoluene
 Concen: 7.282 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.22 min
 Lab File: BF098499.D
 Acq: 13 Sep 2017 19:45

Tgt Ion:165 Resp: 43720
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 10.796 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 266058

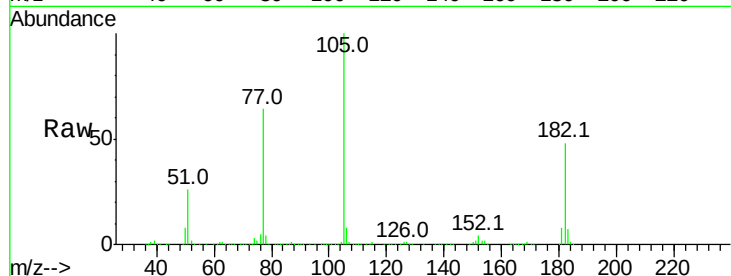
Ion Ratio Lower Upper

77 100

182 75.4 0.1 40.1#

105 156.3 3.6 43.6#

51 41.4 9.4 49.4

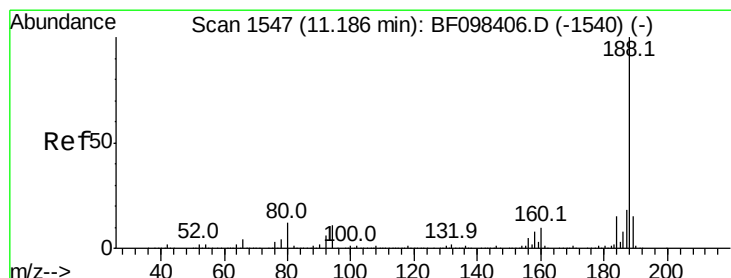
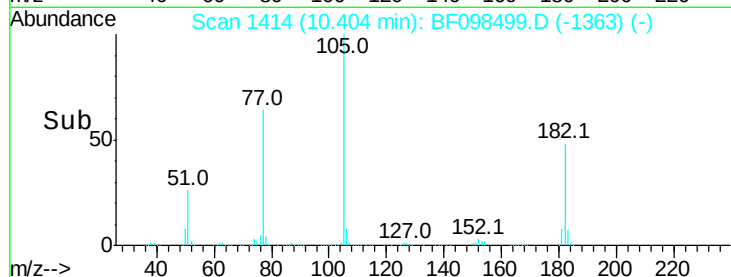
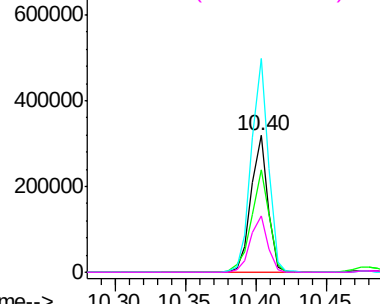


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

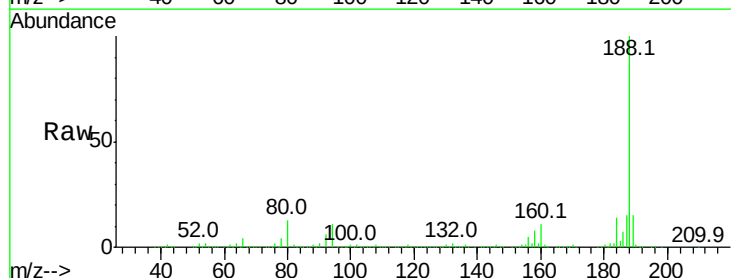
Tgt Ion: 188 Resp: 511624

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

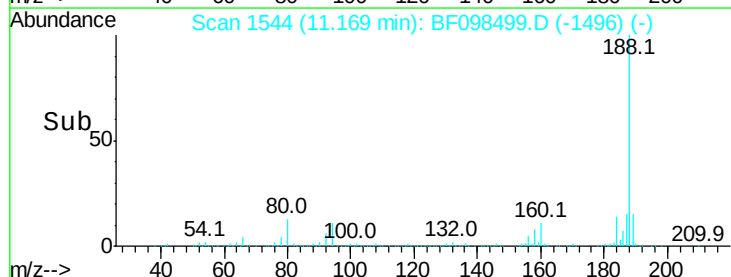
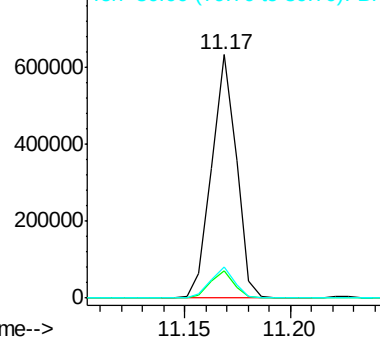
80 12.9 10.2 15.2

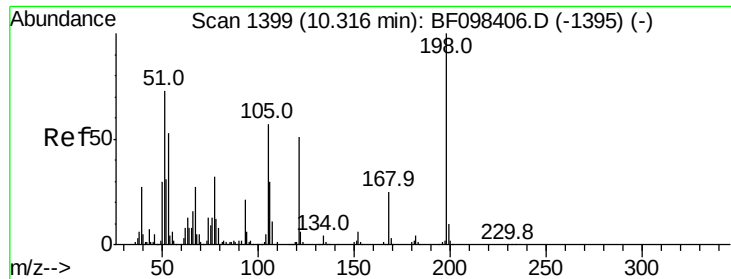


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

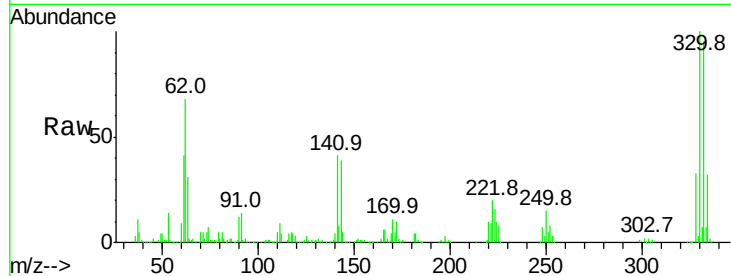




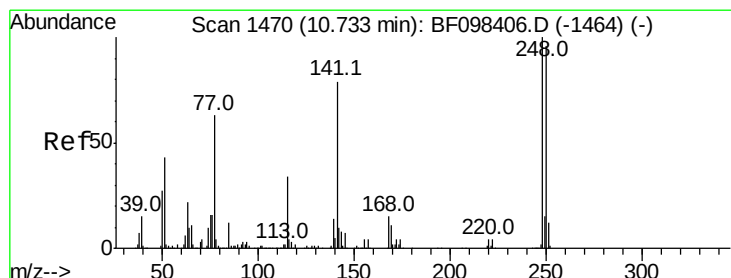
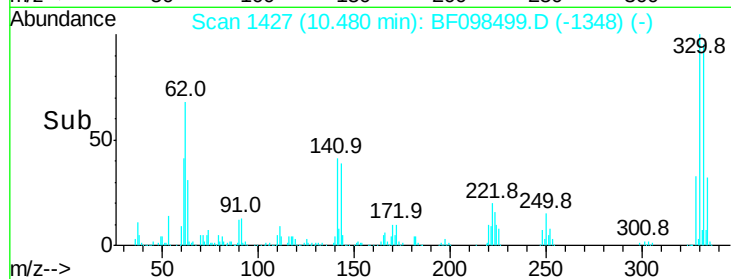
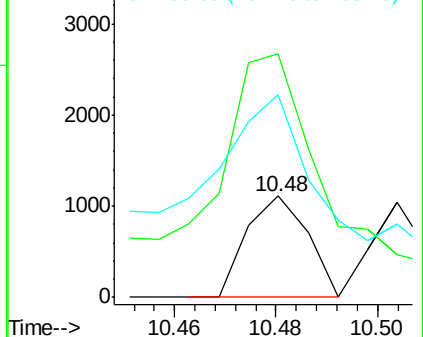
#64
4,6-Dinitro-2-methylphenol
Concen: 5.227 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 920
Ion Ratio Lower Upper
198 100
51 240.2 53.2 93.2#
105 199.4 45.8 85.8#

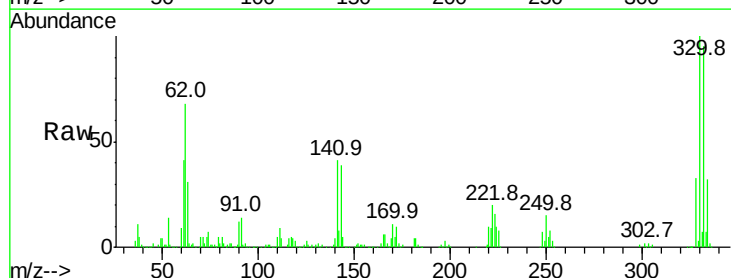


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

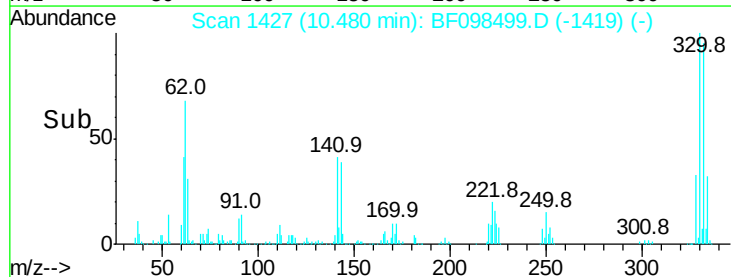
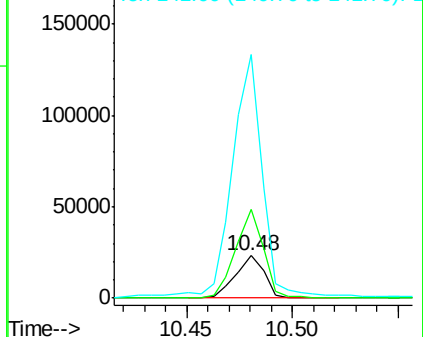


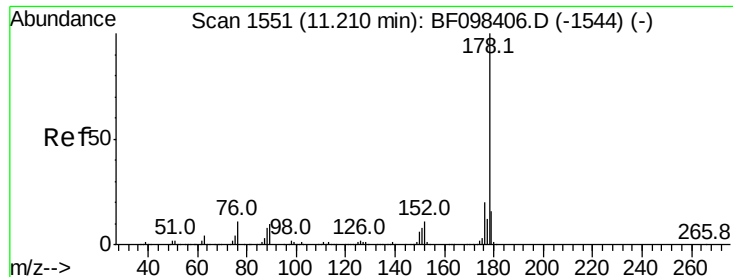
#66
4-Bromophenyl-phenylether
Concen: 4.544 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion:248 Resp: 22063
Ion Ratio Lower Upper
248 100
250 210.1 76.8 115.2#
141 576.5 68.6 103.0#



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





#70

Phenanthrene

Concen: 4.513 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

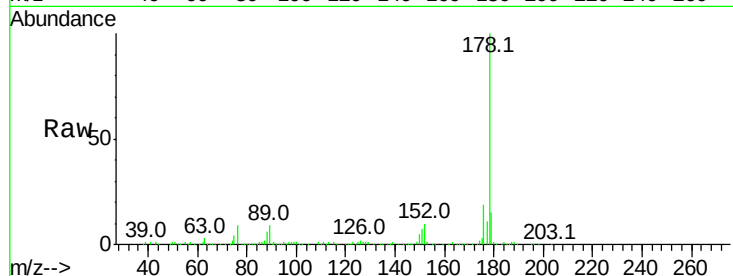
Tot Ion:178 Resp: 122397

Ion Ratio Lower Upper

178 100

176 18.6 16.2 24.4

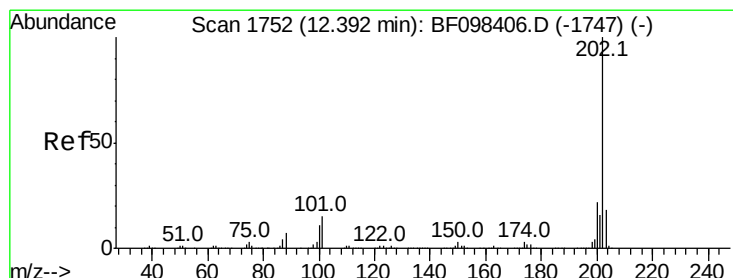
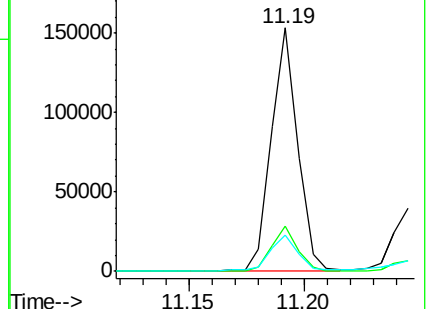
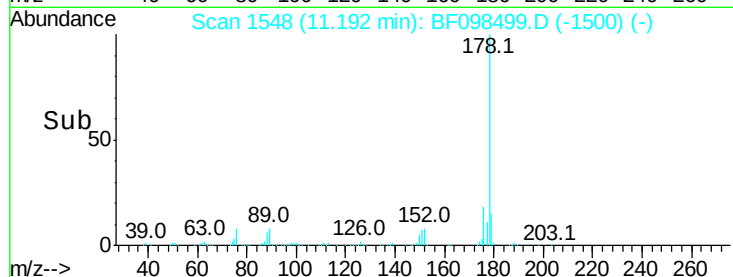
179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 6.372 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

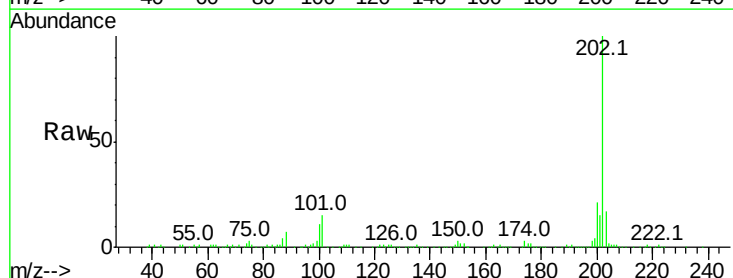
Tgt Ion:202 Resp: 172999

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

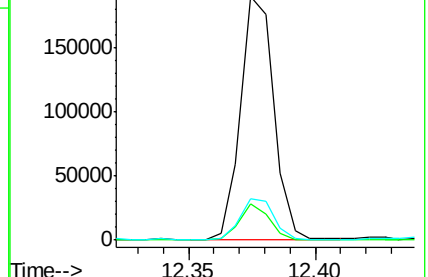
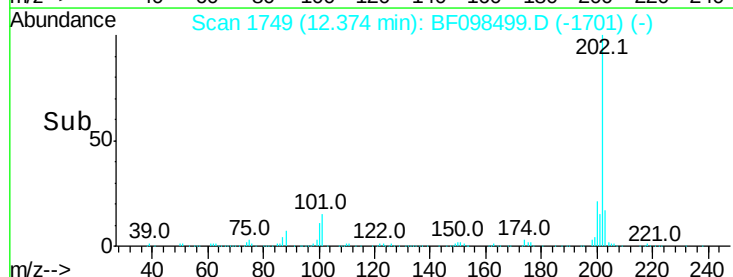
203 17.0 0.0 38.1

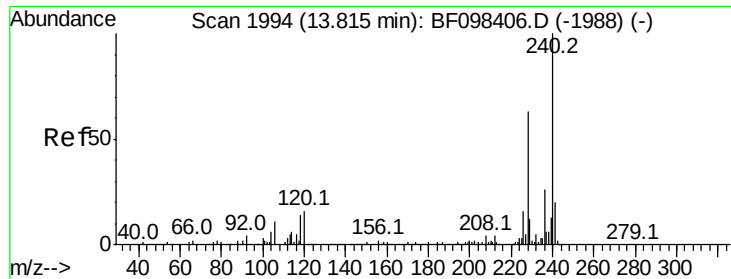


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

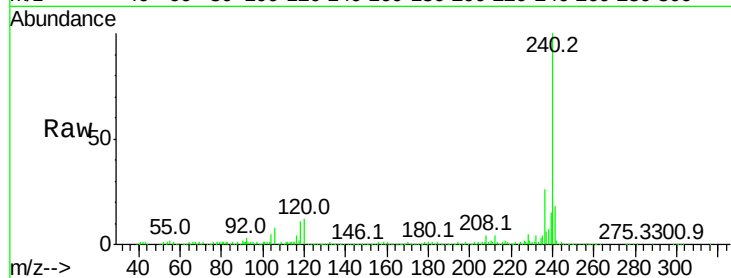
Tot Ion:240 Resp: 341669

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

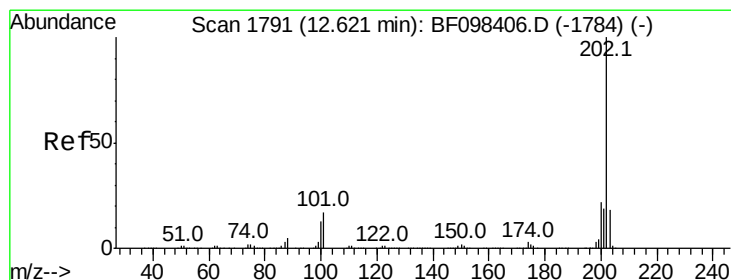
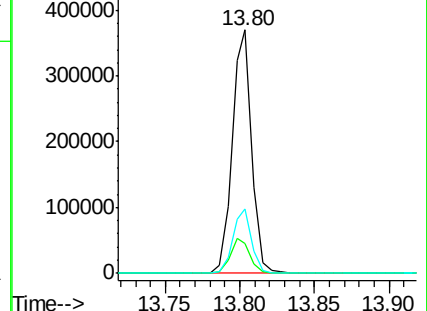
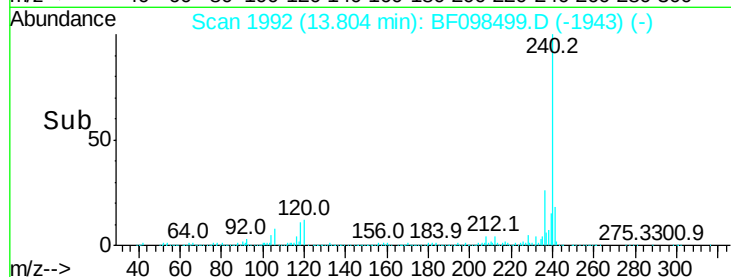
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.565 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

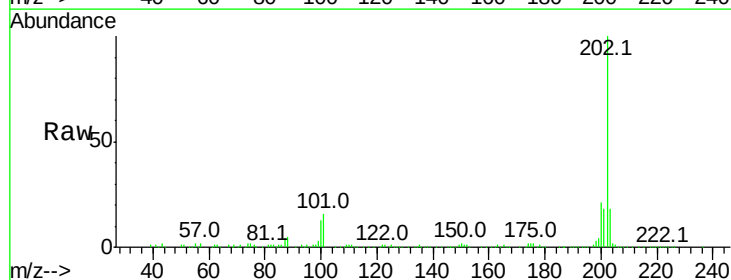
Tgt Ion:202 Resp: 149983

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

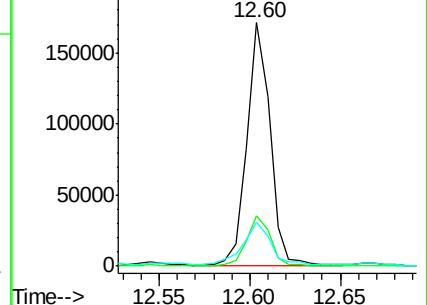
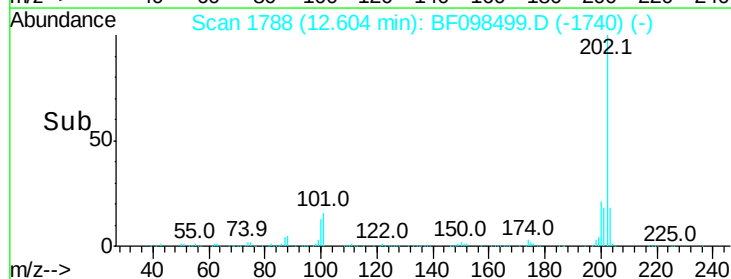
203 18.2 14.4 21.6

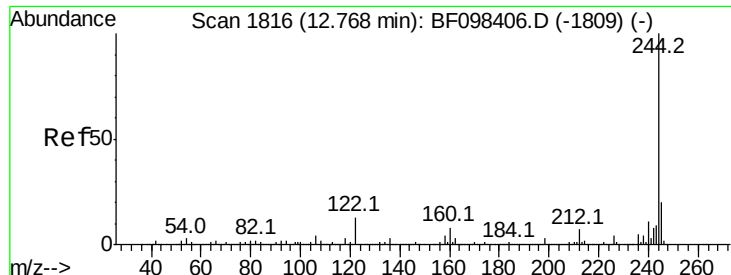


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.854 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

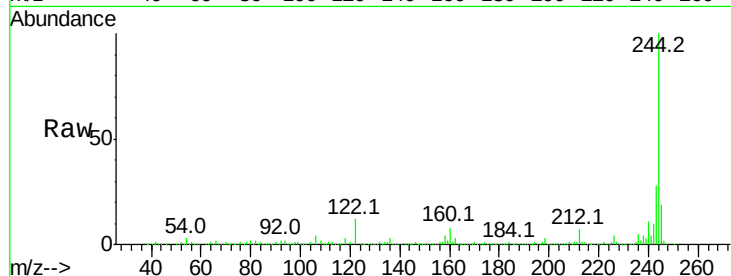
Tot Ion:244 Resp: 1169054

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

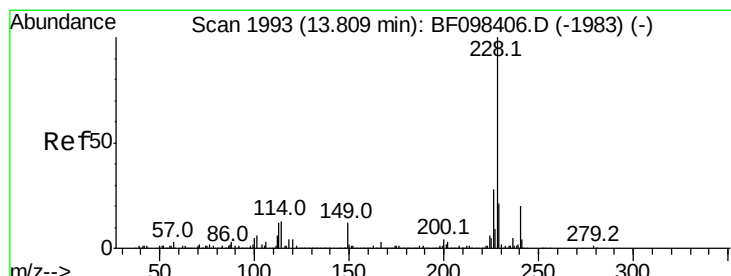
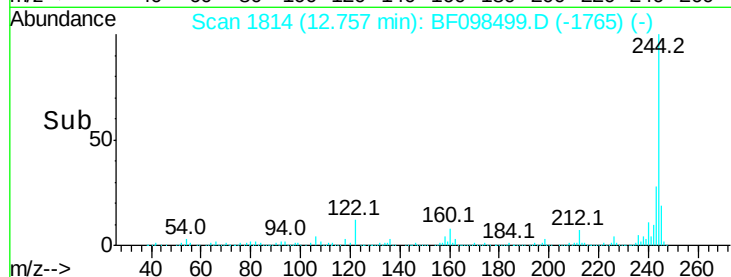
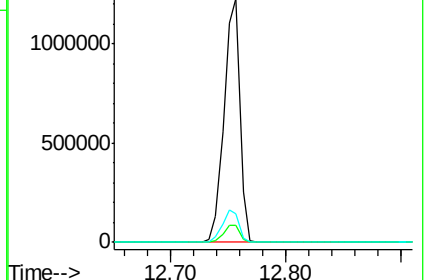
122 12.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 4.121 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

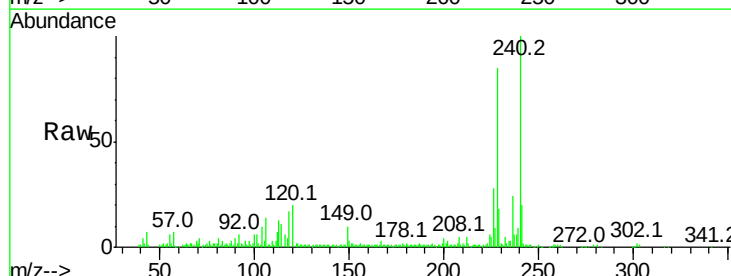
Tgt Ion:228 Resp: 82549

Ion Ratio Lower Upper

228 100

226 32.7 22.6 33.8

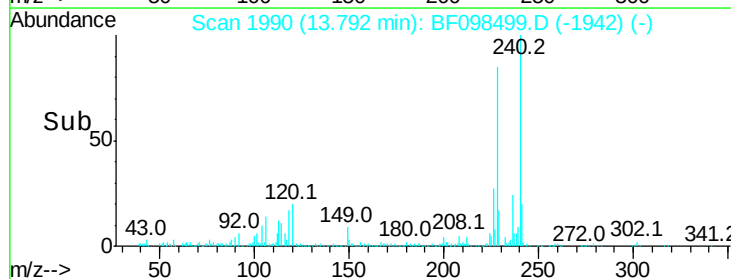
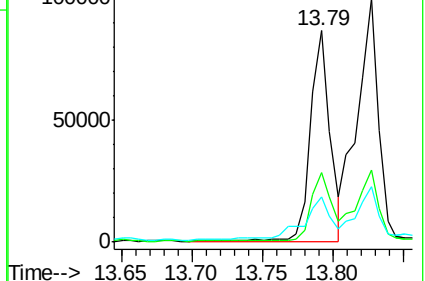
229 21.3 16.3 24.5

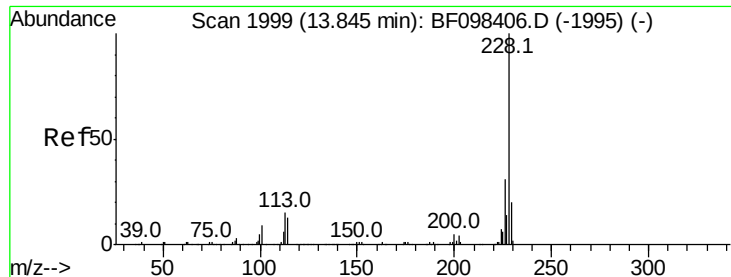


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

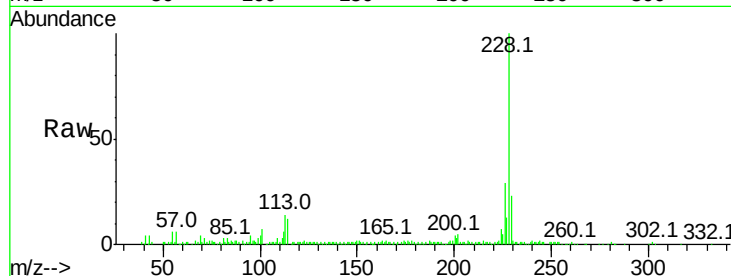




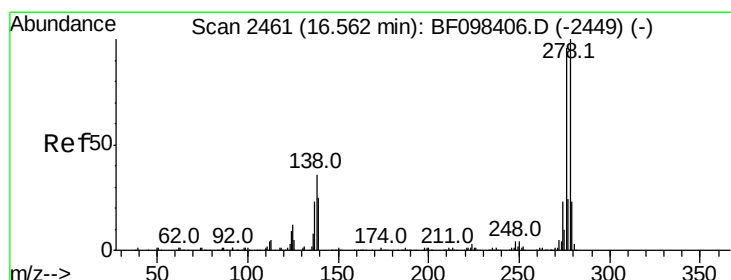
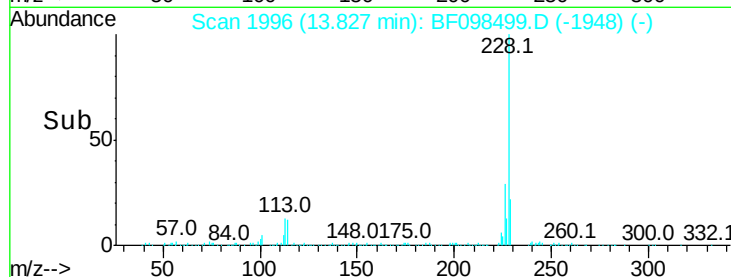
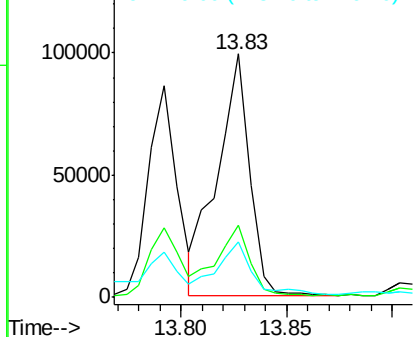
#82
Chrysene
Concen: 5.204 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 105375
Ion Ratio Lower Upper
228 100
226 29.4 24.9 37.3
229 22.8 15.8 23.6

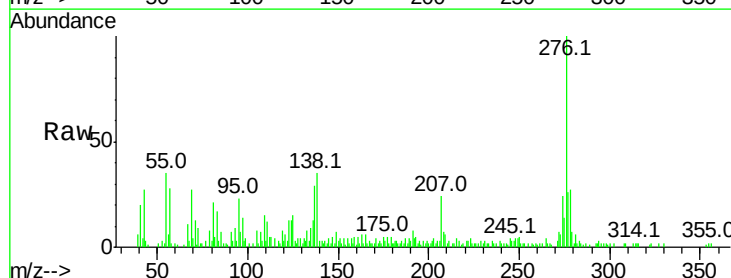


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

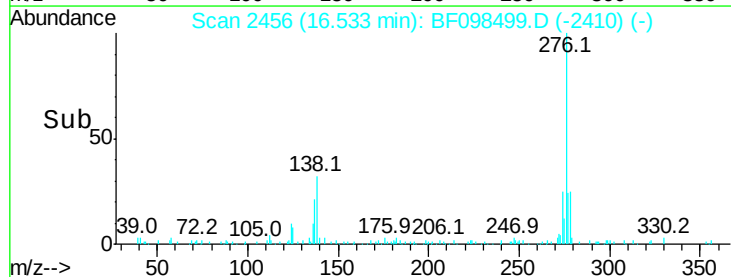
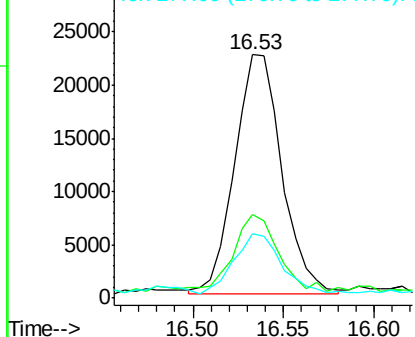


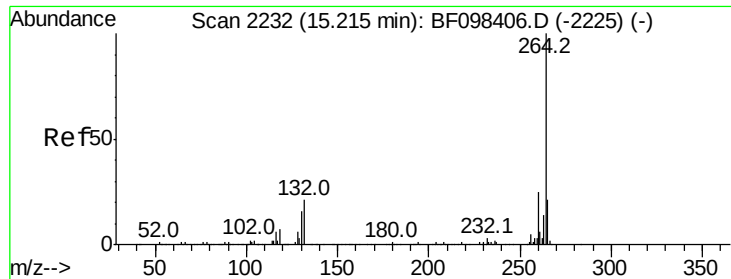
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.849 ng
RT: 16.53 min Scan# 2456
Delta R.T. -0.03 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion:276 Resp: 40480
Ion Ratio Lower Upper
276 100
138 29.0 27.8 41.6
277 25.9 20.2 30.4



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

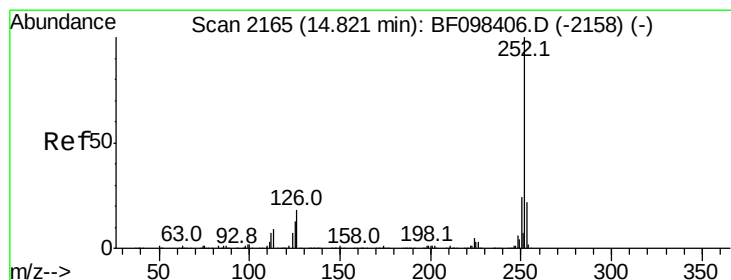
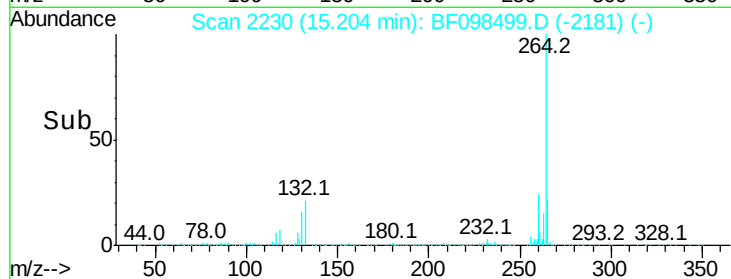
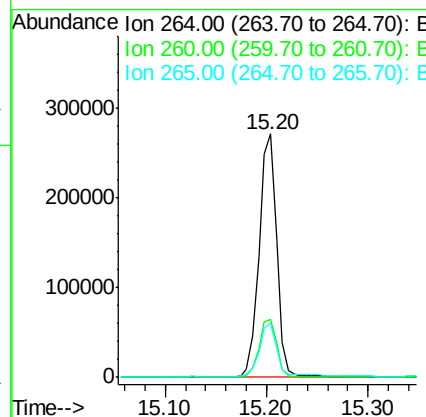
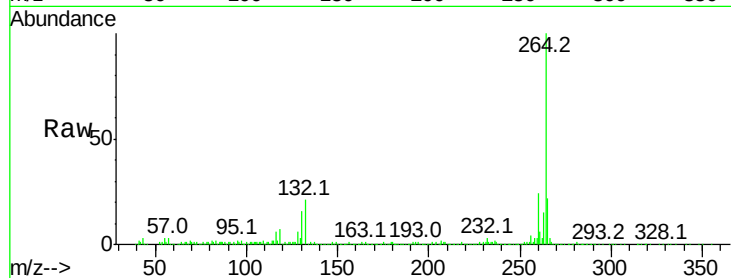




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

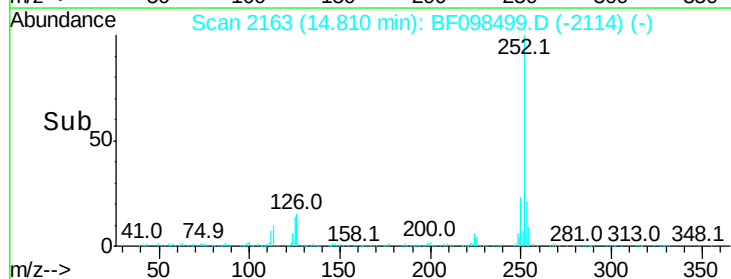
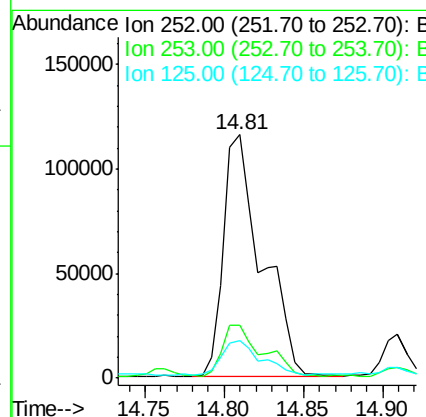
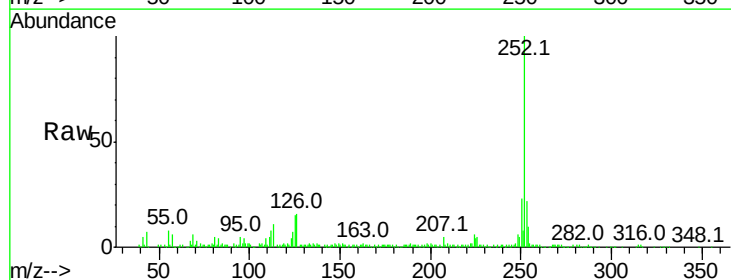
Instrument :
BNA_F
ClientSampleId :

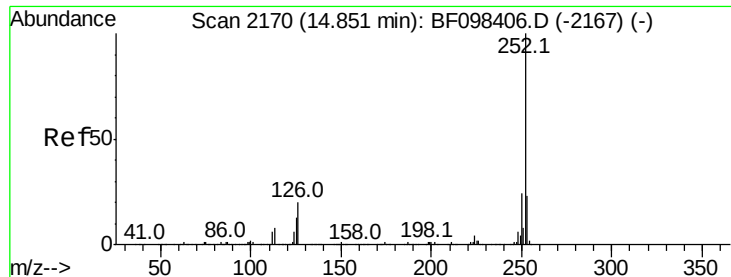
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 9.545 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	15.2	9.8	14.8#

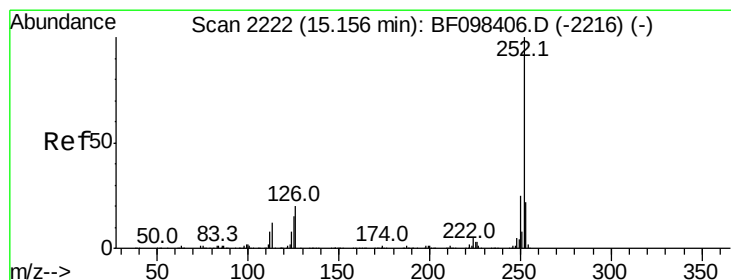
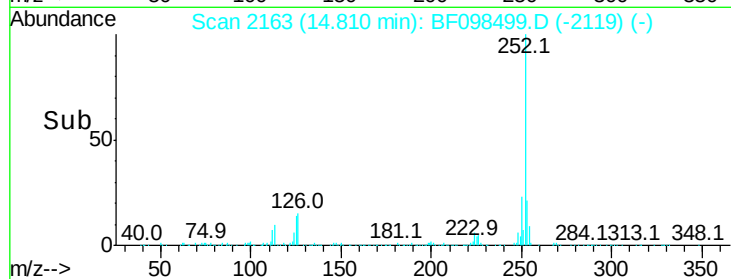
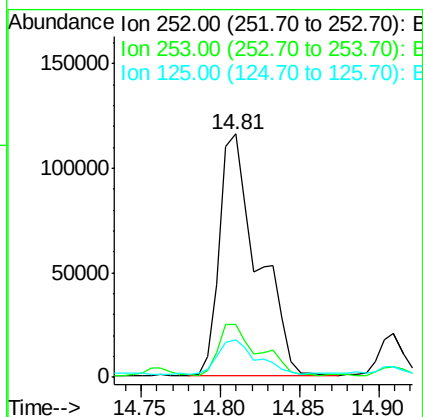
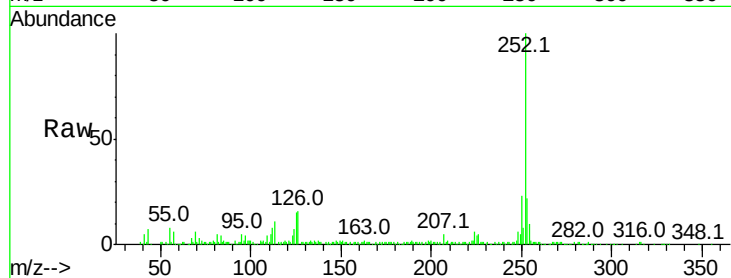




#88
Benzo(k)fluoranthene
Concen: 10.225 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

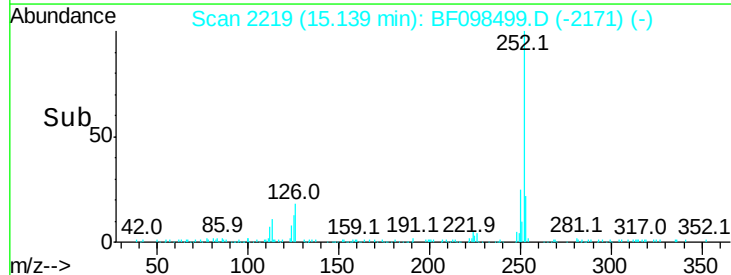
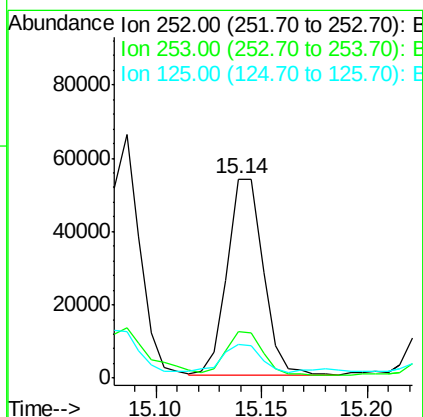
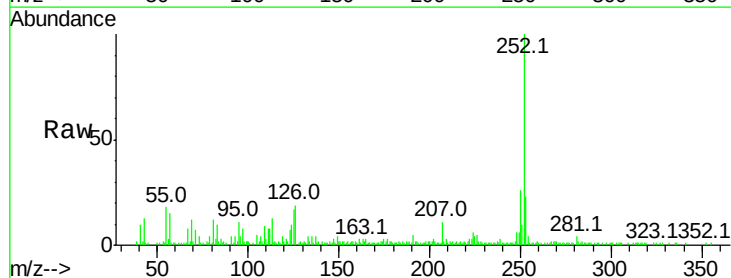
Instrument :
BNA_F
ClientSampleId :

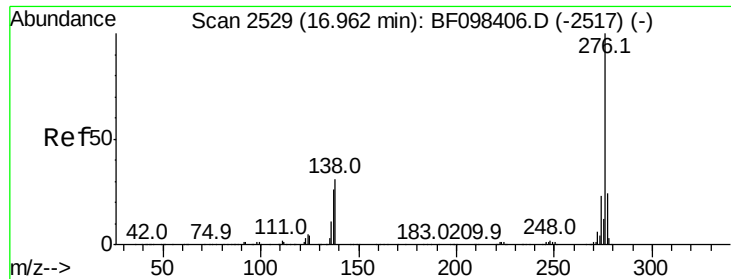
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	15.2	13.1	19.7



#89
Benzo(a)pyrene
Concen: 3.470 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF098499.D
Acq: 13 Sep 2017 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	16.8	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 2.744 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.03 min

Lab File: BF098499.D

Acq: 13 Sep 2017 19:45

Instrument :

BNA_F

ClientSampleId :

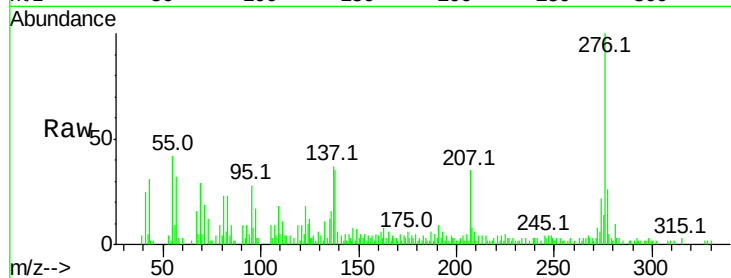
Tot Ion: 276 Resp: 36851

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 34.7 25.4 38.0



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

