

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098484.D
 Acq On : 13 Sep 2017 12:33
 Operator : SJ/JU
 Sample : PB102212BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 13:34:27 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	6.65	152	168815	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	695811	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	313788	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	599820	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	518984	20.00	ng	-0.02
86) Perylene-d12	15.20	264	449656	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1433601	125.56	ng	0.00
7) Phenol-d6	6.30	99	1731881	119.47	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1075861	86.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	305368	145.81	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1804339	97.46	ng	-0.02
78) Terphenyl-d14	12.76	244	1684873	70.07	ng	-0.01

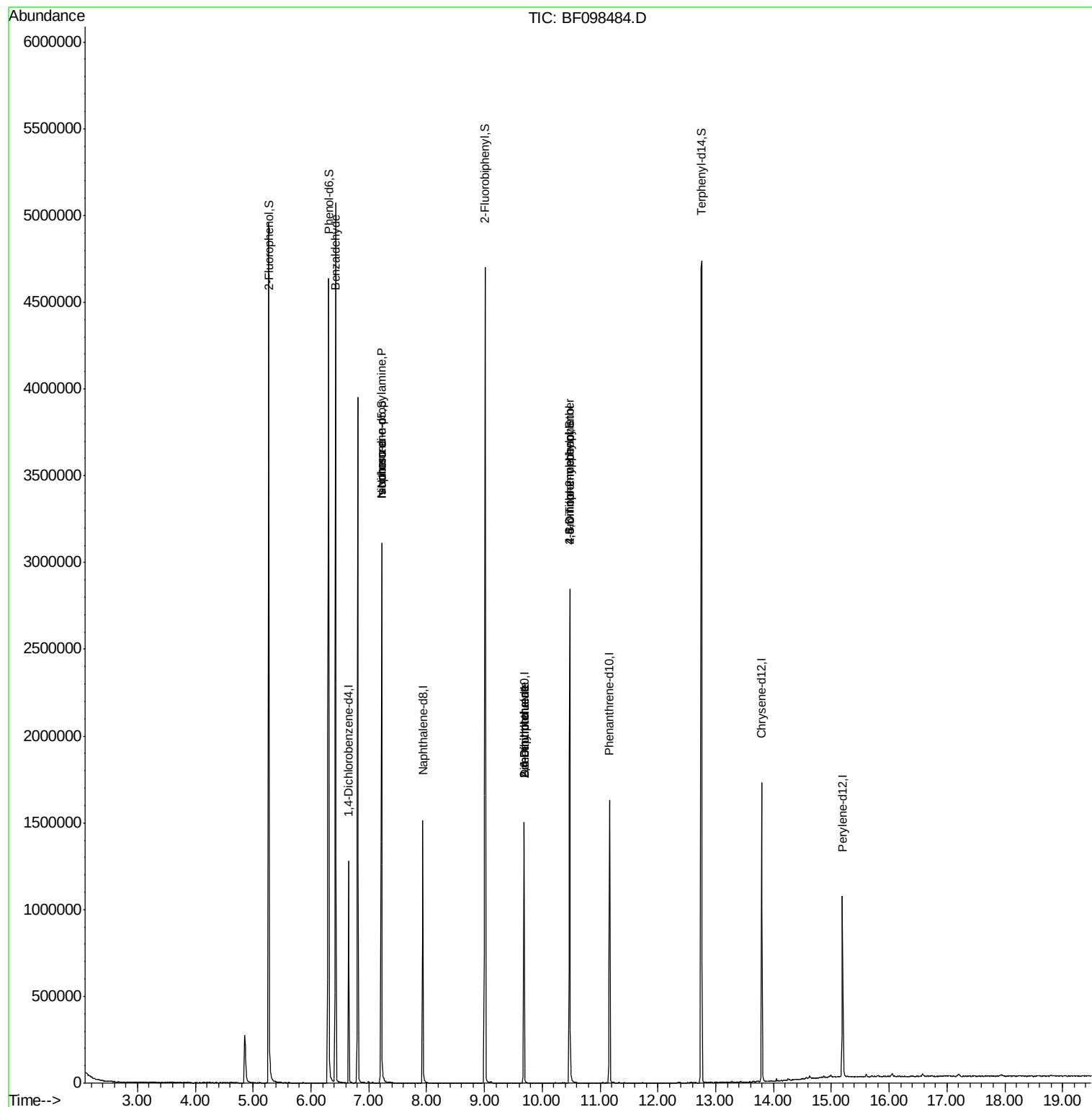
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	30983	3.269	ng	82
19) n-Nitroso-di-n-propylamine	7.22	70	140905	15.452	ng	# 79
25) Isophorone	7.22	82	1065079	42.177	ng	# 67
49) Dimethylphthalate	9.69	163	88678	3.651	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	39361	7.889	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	39361	6.489	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	722	5.140	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	23291	4.091	ng	# 1

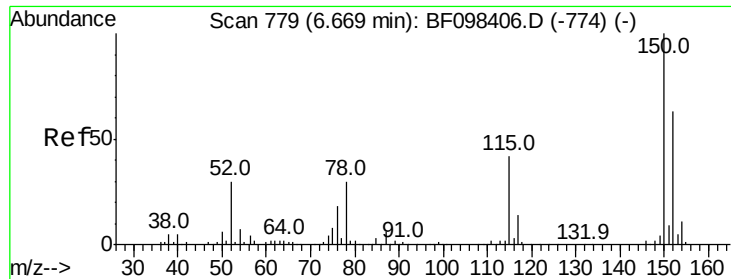
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098484.D
Acq On : 13 Sep 2017 12:33
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Sample : PB102212BL
Misc :
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BNA_F
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Quant Time: Sep 13 13:34:27 2017
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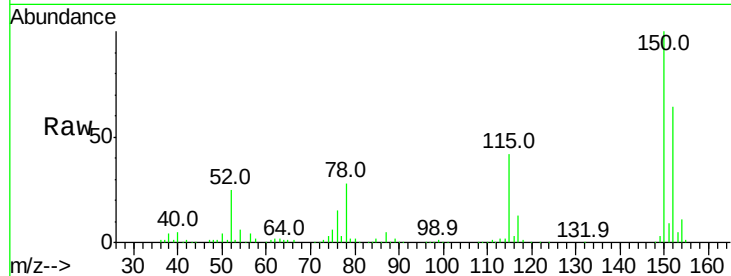


#1

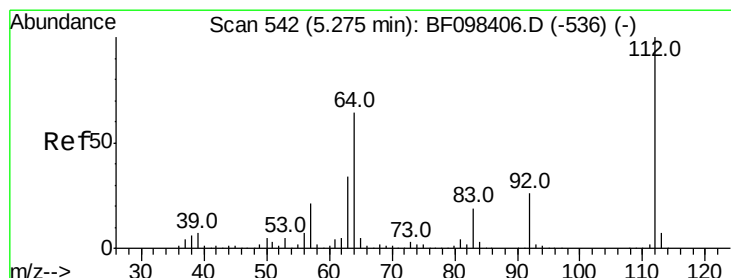
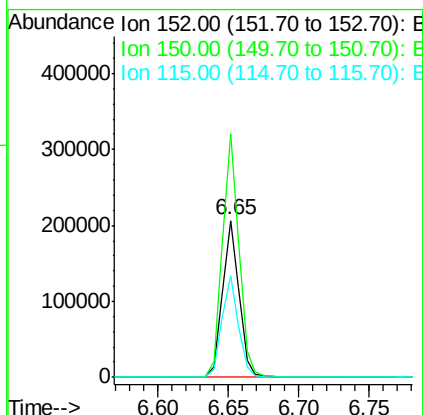
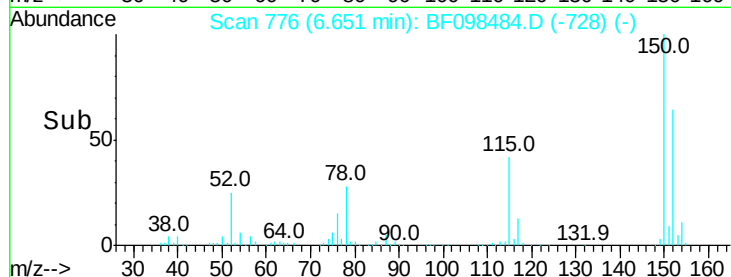
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168815
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 65.1 52.2 78.2



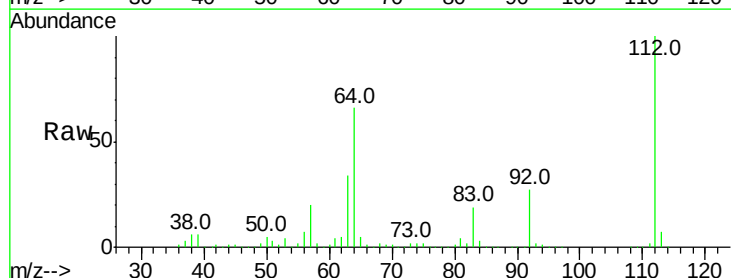
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



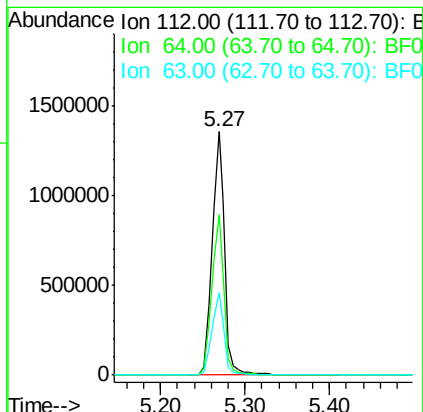
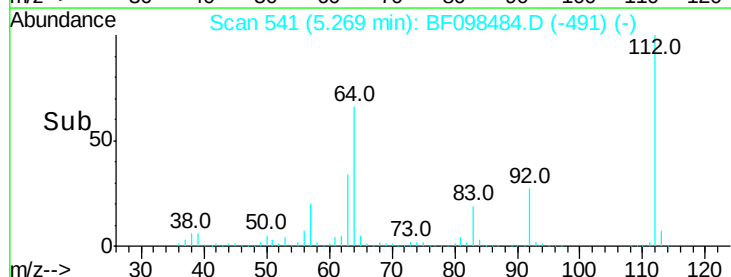
#5

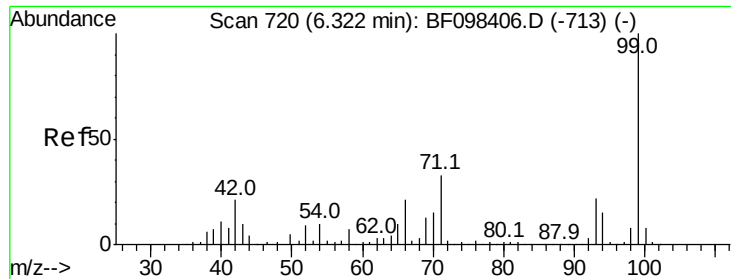
2-Fluorophenol
Concen: 125.558 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:112 Resp: 1433601
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 33.6 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: 119.467 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

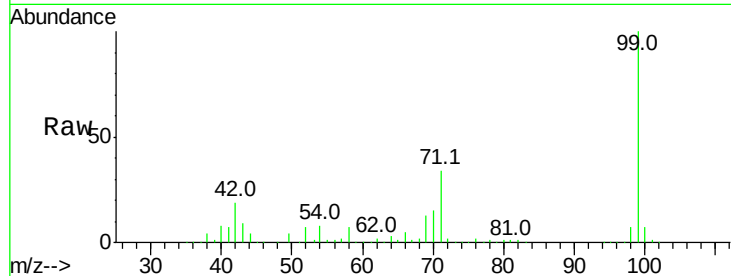
Tot Ion: 99 Resp: 1731881

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

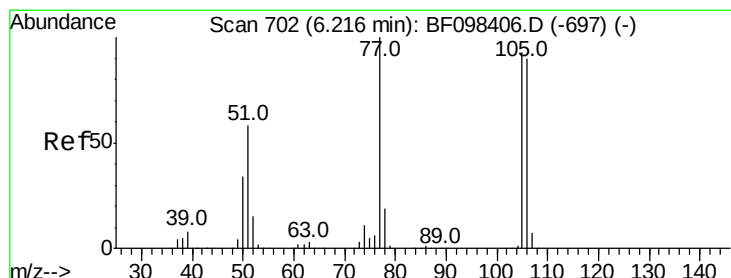
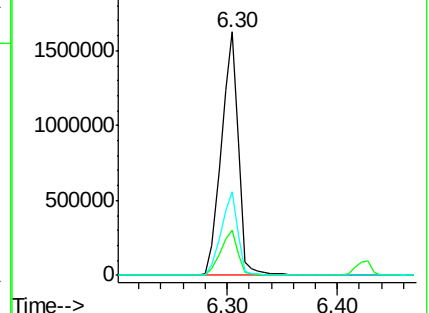
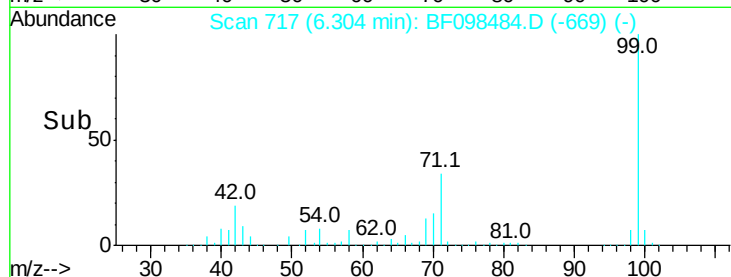
71 34.3 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.269 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.21 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

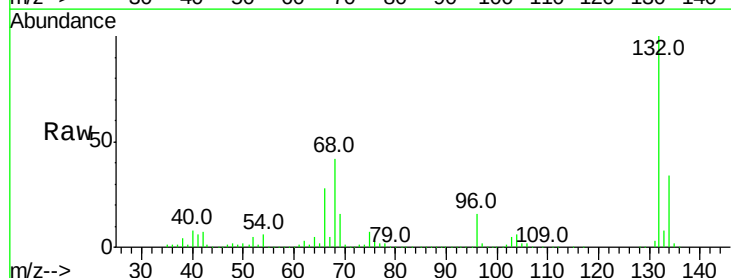
Tgt Ion: 77 Resp: 30983

Ion Ratio Lower Upper

77 100

105 85.7 83.8 123.8

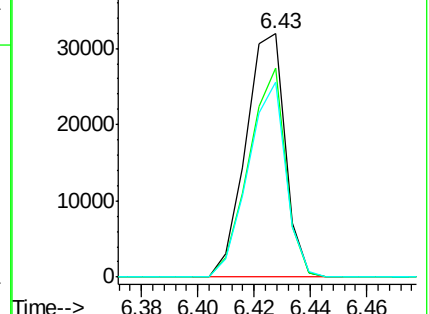
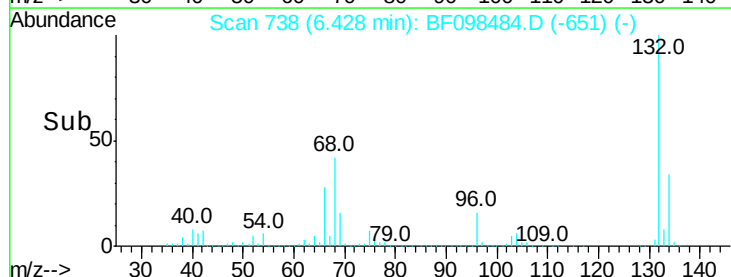
106 80.1 79.1 119.1

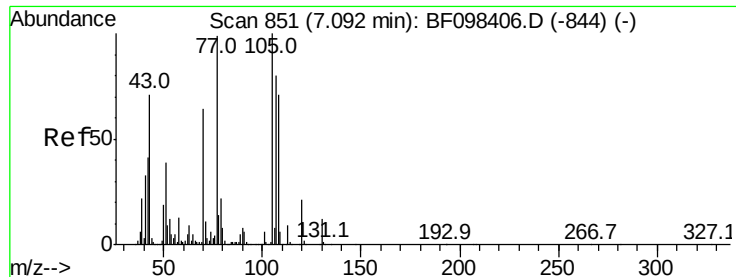


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

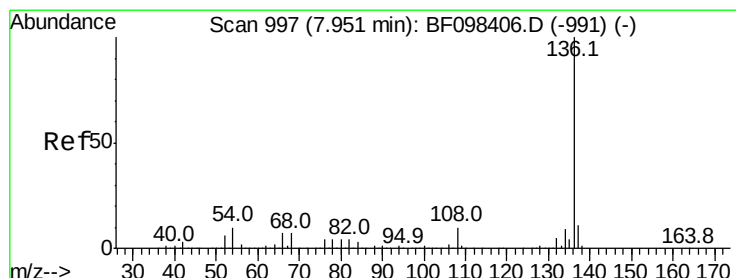
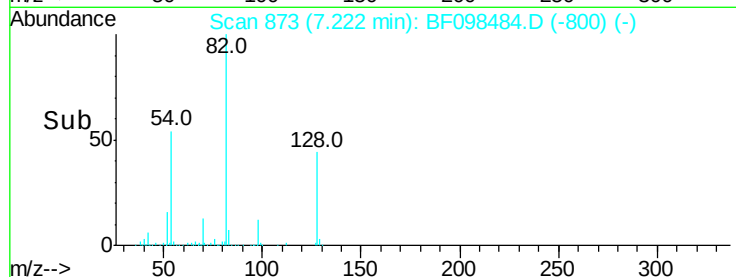
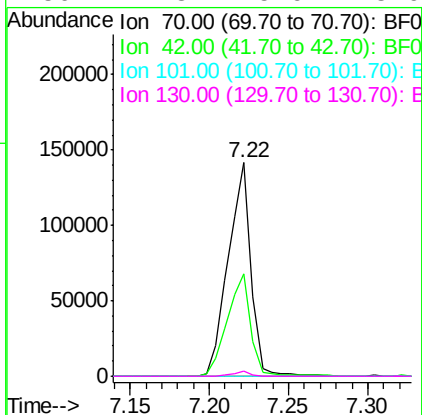
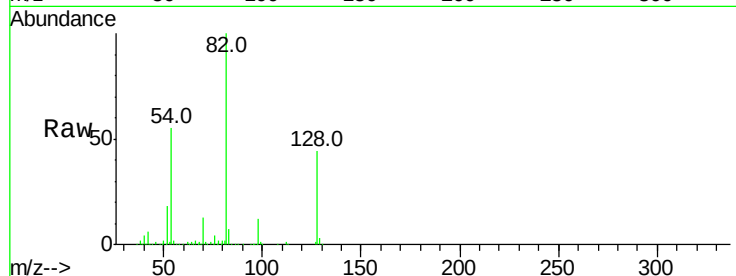




#19
n-Nitroso-di-n-propylamine
Concen: 15.452 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

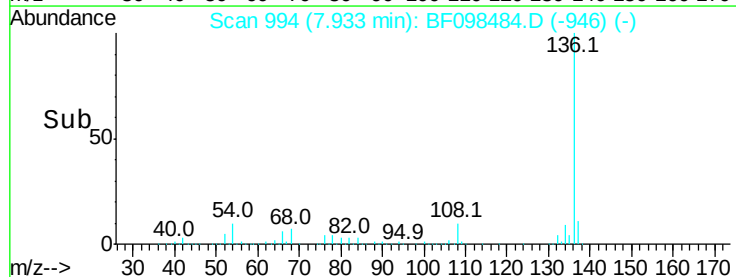
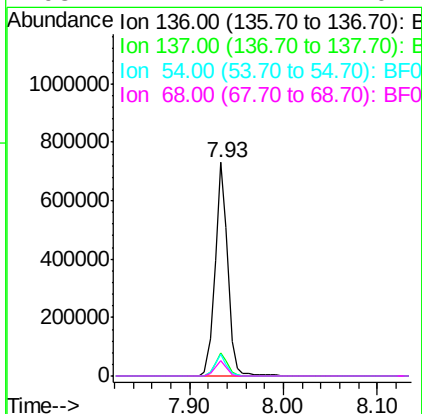
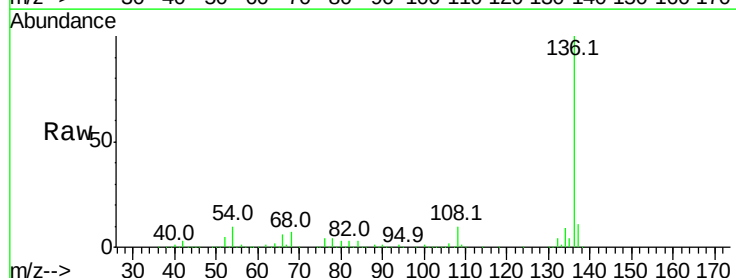
Instrument :
BNA_F
ClientSampleId :

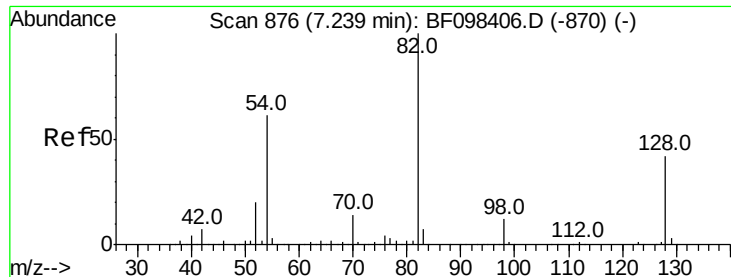
Tot Ion: 70 Resp: 140905
Ion Ratio Lower Upper
70 100
42 47.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:136 Resp: 695811
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.2 4.9 7.3#
68 7.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 86.200 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

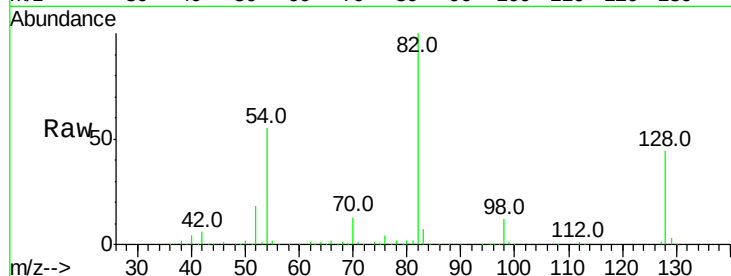
Tot Ion: 82 Resp: 1075861

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

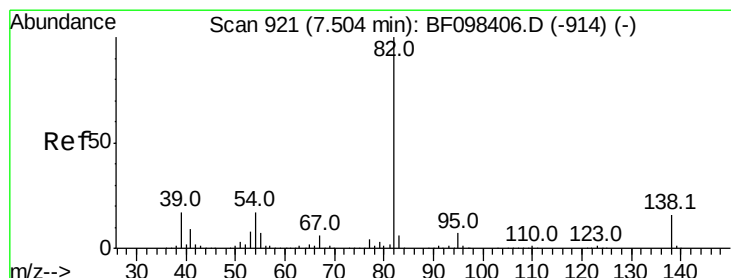
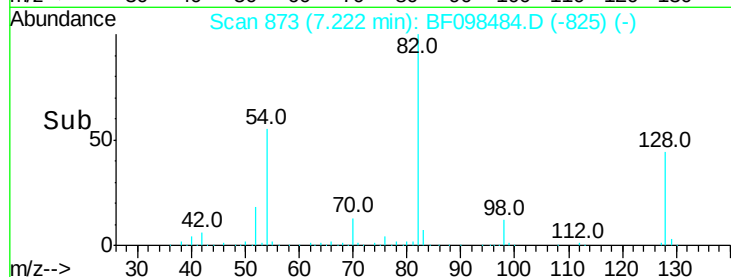
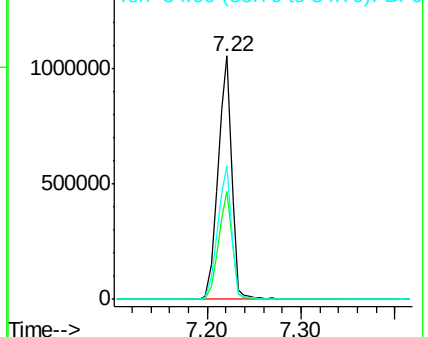
54 54.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.177 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

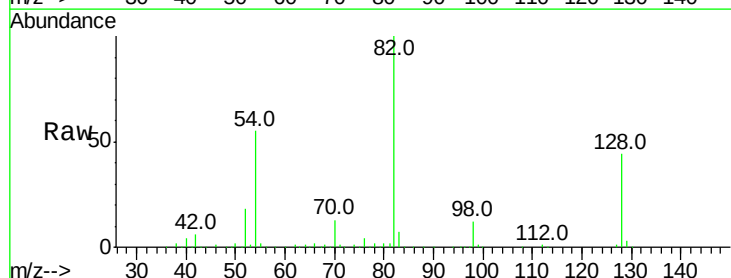
Tgt Ion: 82 Resp: 1065079

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

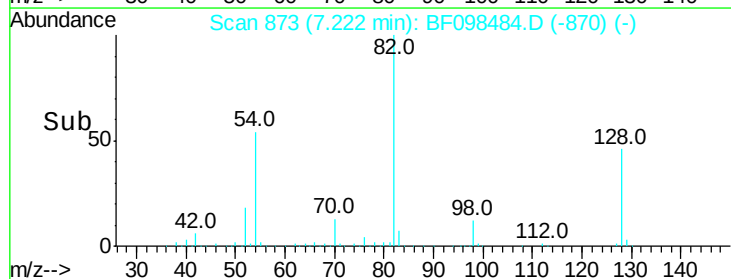
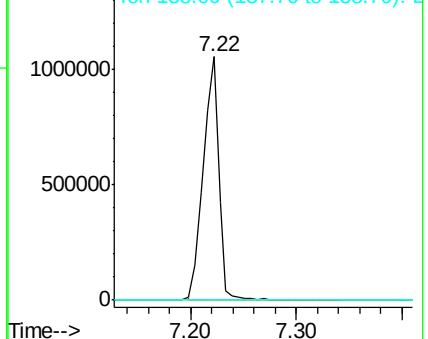
138 0.0 13.1 19.7#

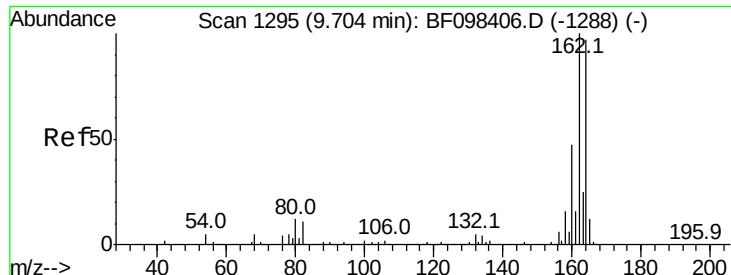


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

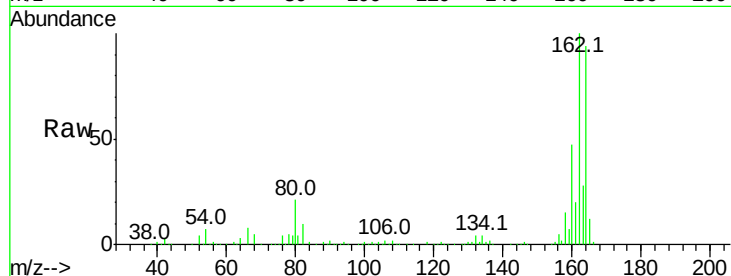
Tot Ion:164 Resp: 313788

Ion Ratio Lower Upper

164 100

162 106.1 82.6 123.8

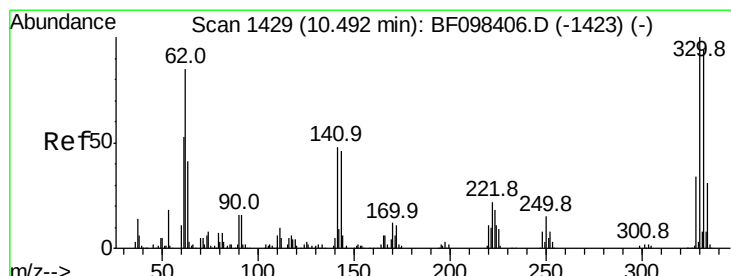
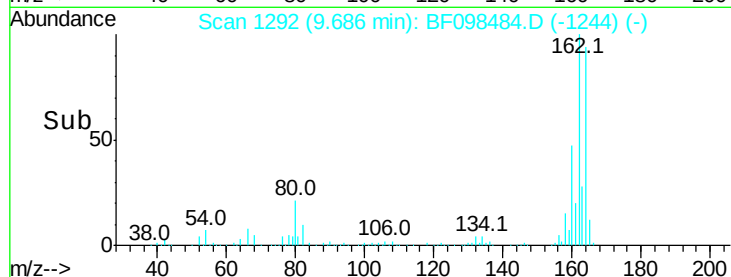
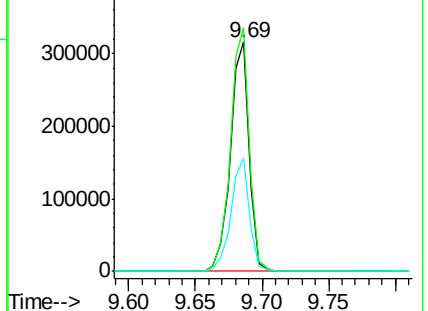
160 49.4 36.2 54.2



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: 145.811 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

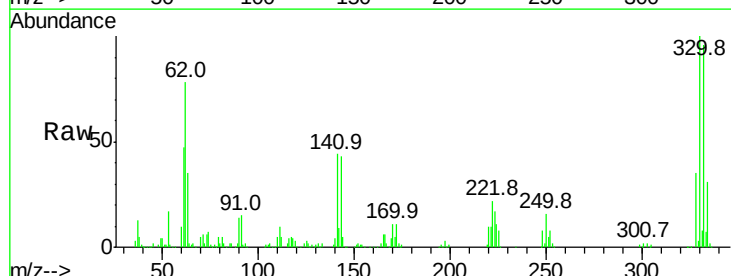
Tgt Ion:330 Resp: 305368

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

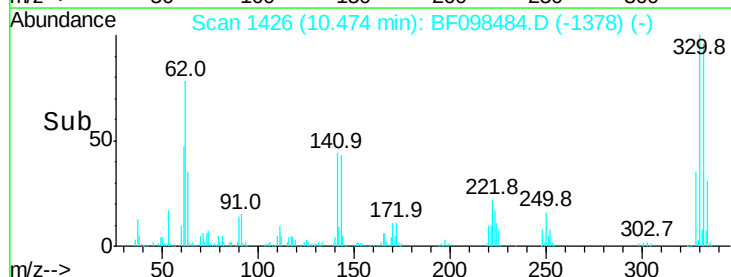
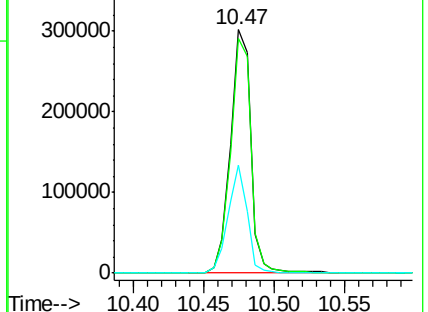
141 41.6 31.4 47.2

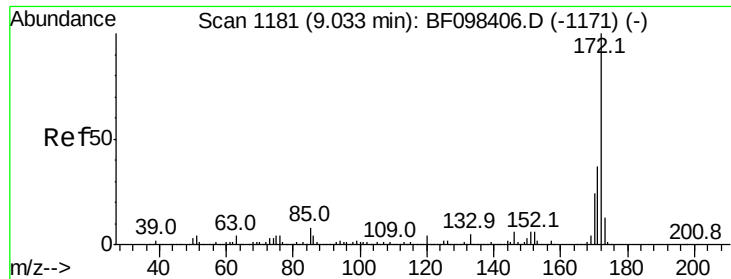


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 97.461 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

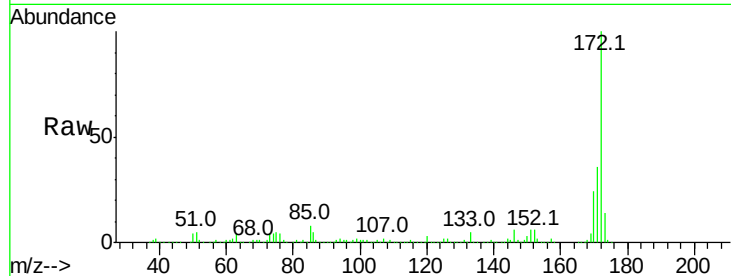
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1804339

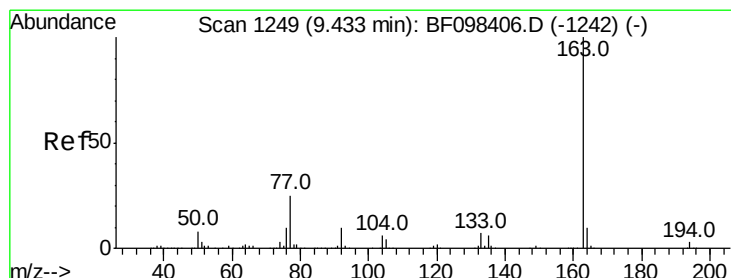
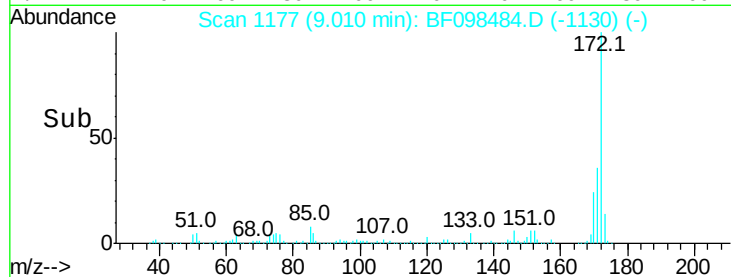
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



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: 3.651 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.25 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

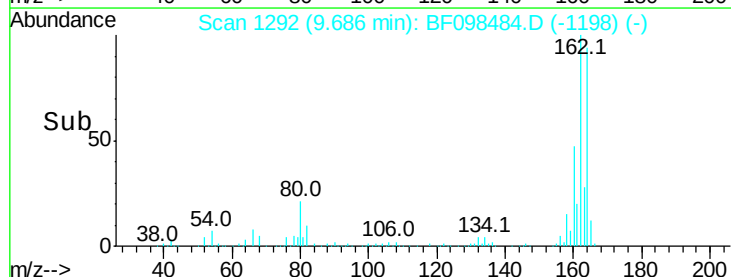
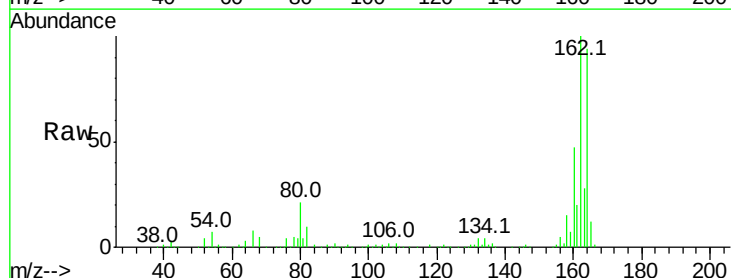
Tgt Ion:163 Resp: 88678

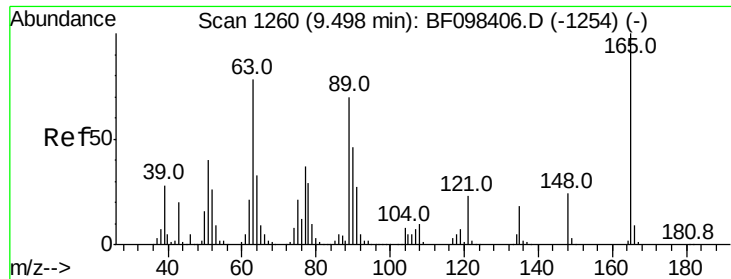
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	340.9	8.4	12.6#

Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.889 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.19 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

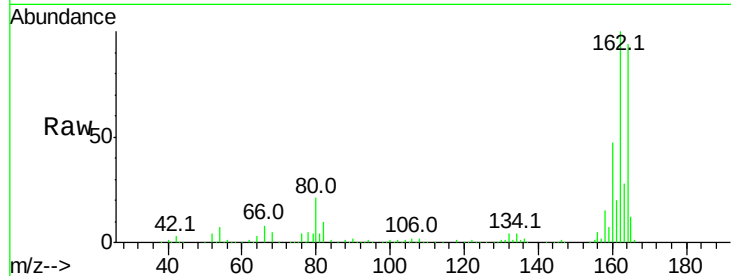
Tot Ion:165 Resp: 39361

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

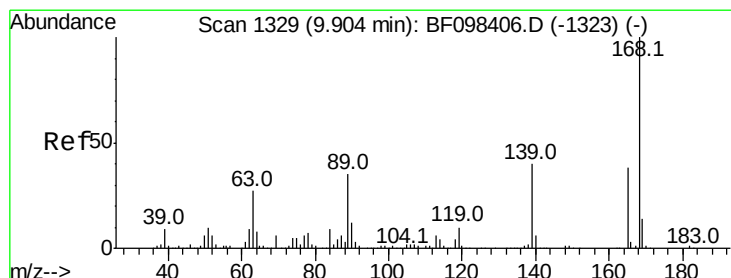
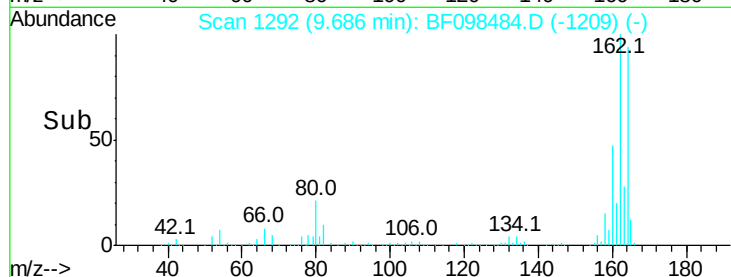
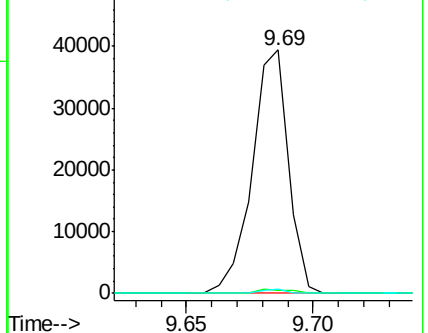
89 1.8 37.1 55.7#



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



#56

2,4-Dinitrotoluene

Concen: 6.489 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.22 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Tgt Ion:165 Resp: 39361

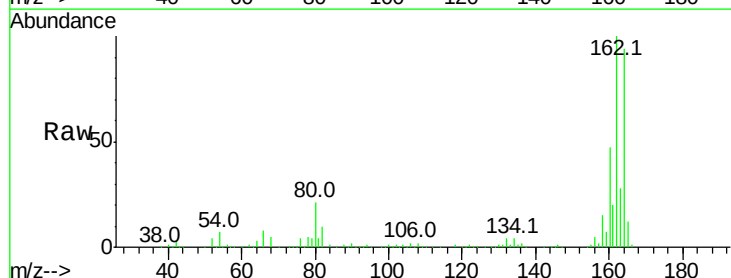
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

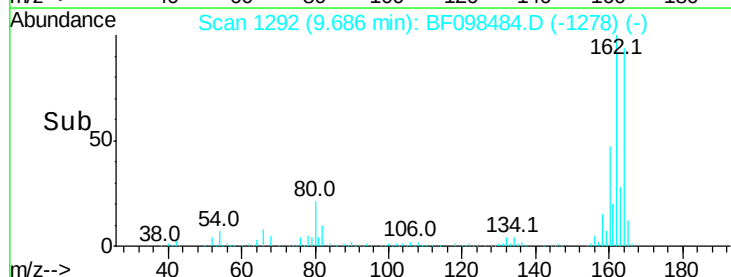
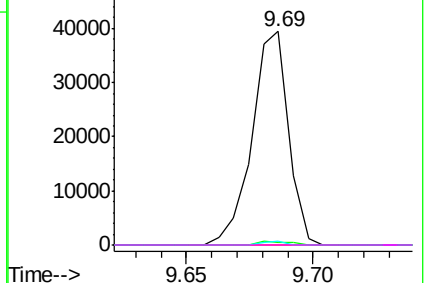


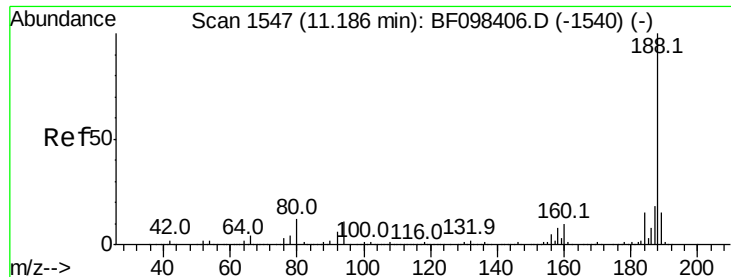
Abundance Ion 165.00 (164.70 to 165.70): E

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

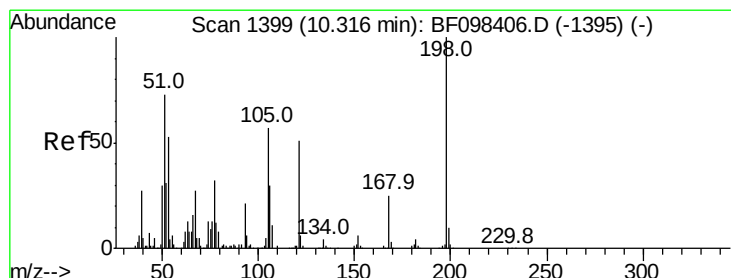
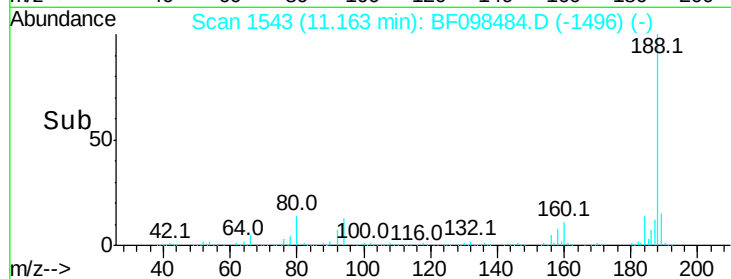
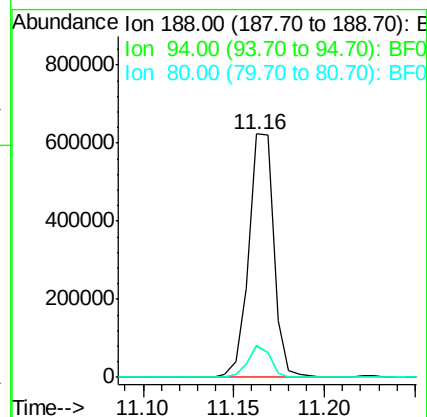
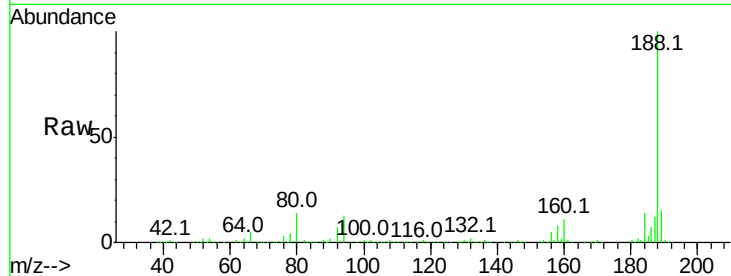




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

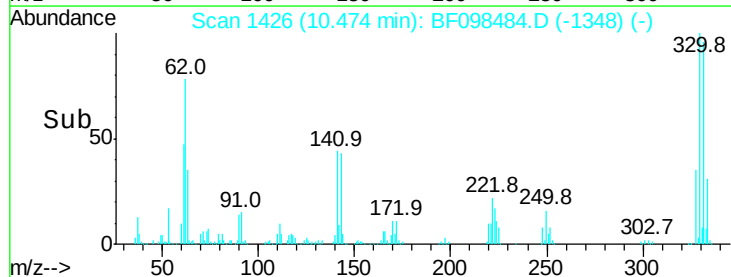
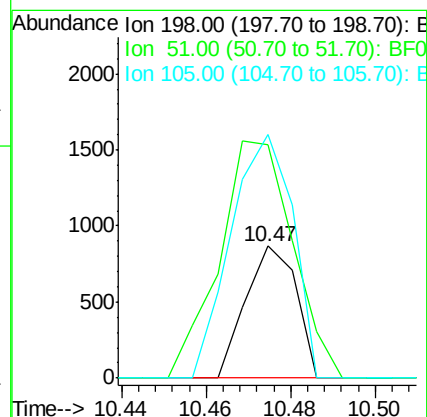
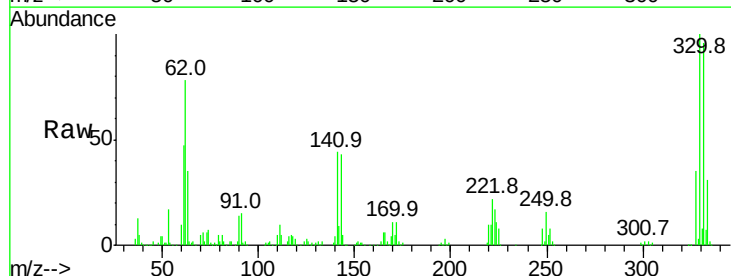
Instrument :
 BNA_F
 ClientSampleId :

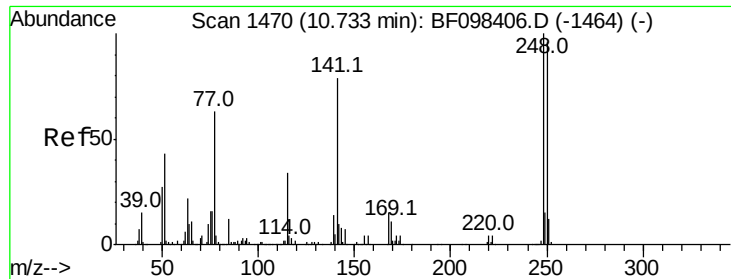
Tot Ion:188 Resp: 599820
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.140 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.16 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Tgt Ion:198 Resp: 722
 Ion Ratio Lower Upper
 198 100
 51 176.6 53.2 93.2#
 105 184.2 45.8 85.8#

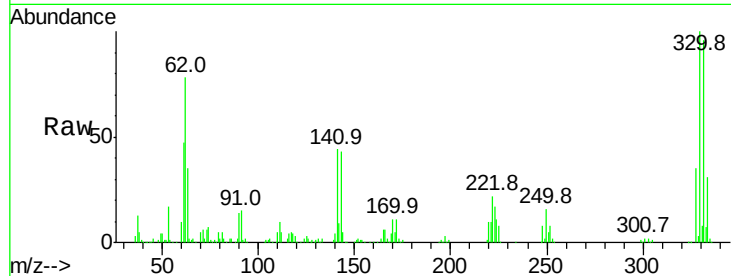




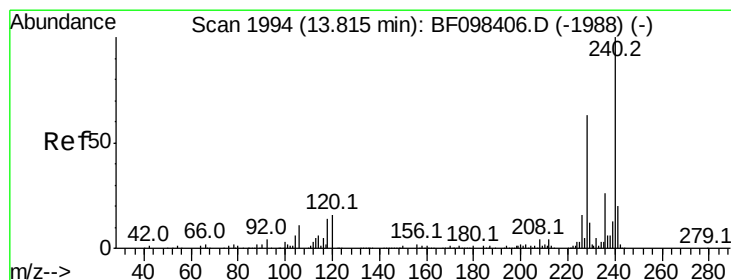
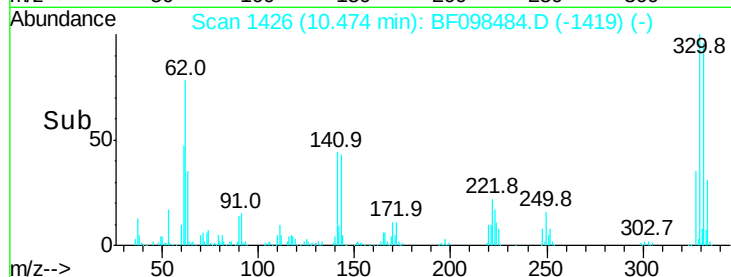
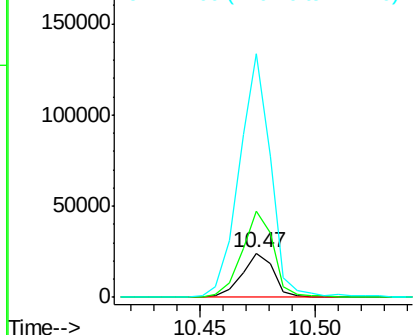
#66
 4-Bromophenyl-phenylether
 Concen: 4.091 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.26 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 23291
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.8 115.2#
 141 548.0 68.6 103.0#

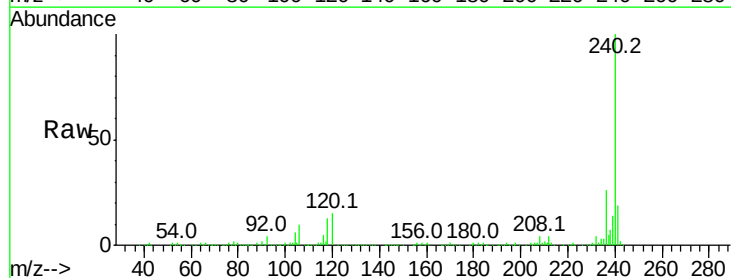


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

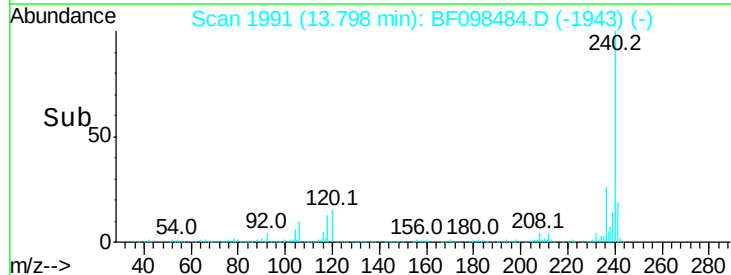
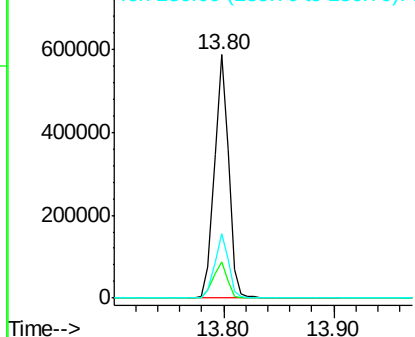


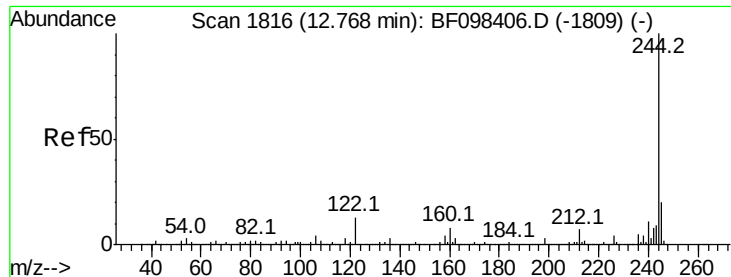
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Tgt Ion:240 Resp: 518984
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 26.3 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





#78

Terphenyl-d14

Concen: 70.074 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

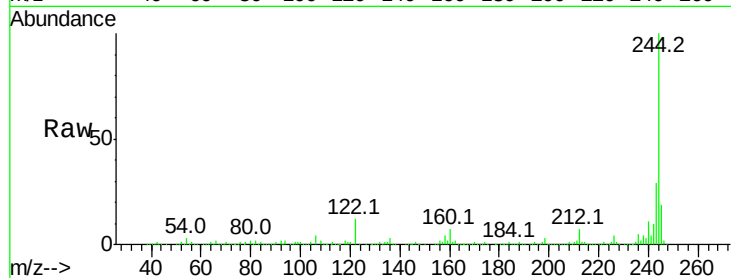
Tot Ion:244 Resp: 1684873

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

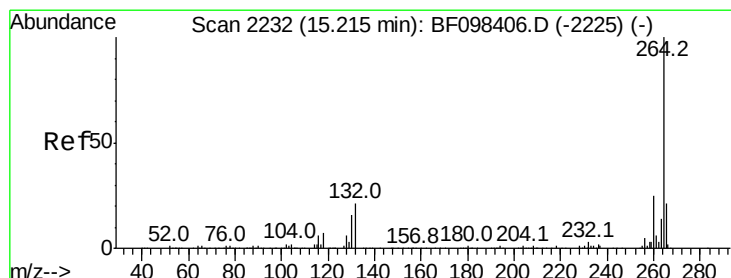
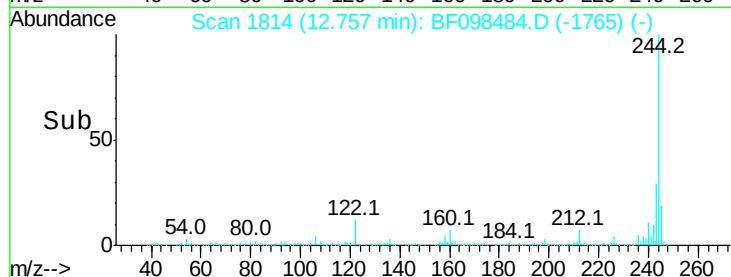
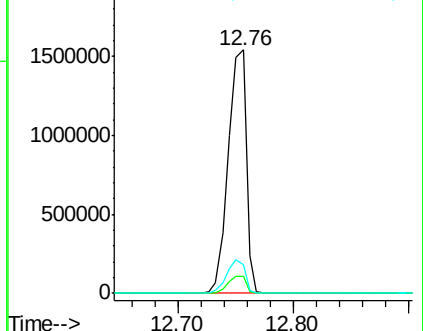
122 11.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

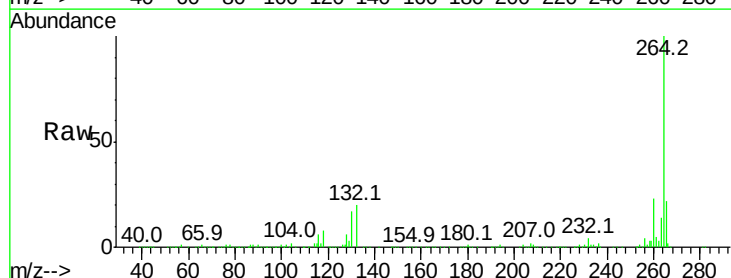
Tgt Ion:264 Resp: 449656

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.7 17.2 25.8



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

