

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098460.D
 Acq On : 12 Sep 2017 19:51
 Operator : SJ/JU
 Sample : I5184-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Quant Time: Sep 13 00:59:51 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	209113	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	834256	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	329268	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	529896	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	395734	20.00	ng	0.00
86) Perylene-d12	15.22	264	284014	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1193309	84.37	ng	0.00
7) Phenol-d6	6.32	99	1445018	80.47	ng	0.00
23) Nitrobenzene-d5	7.23	82	862932	57.67	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	193318	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1259841	64.85	ng	-0.01
78) Terphenyl-d14	12.76	244	853421	46.55	ng	-0.01

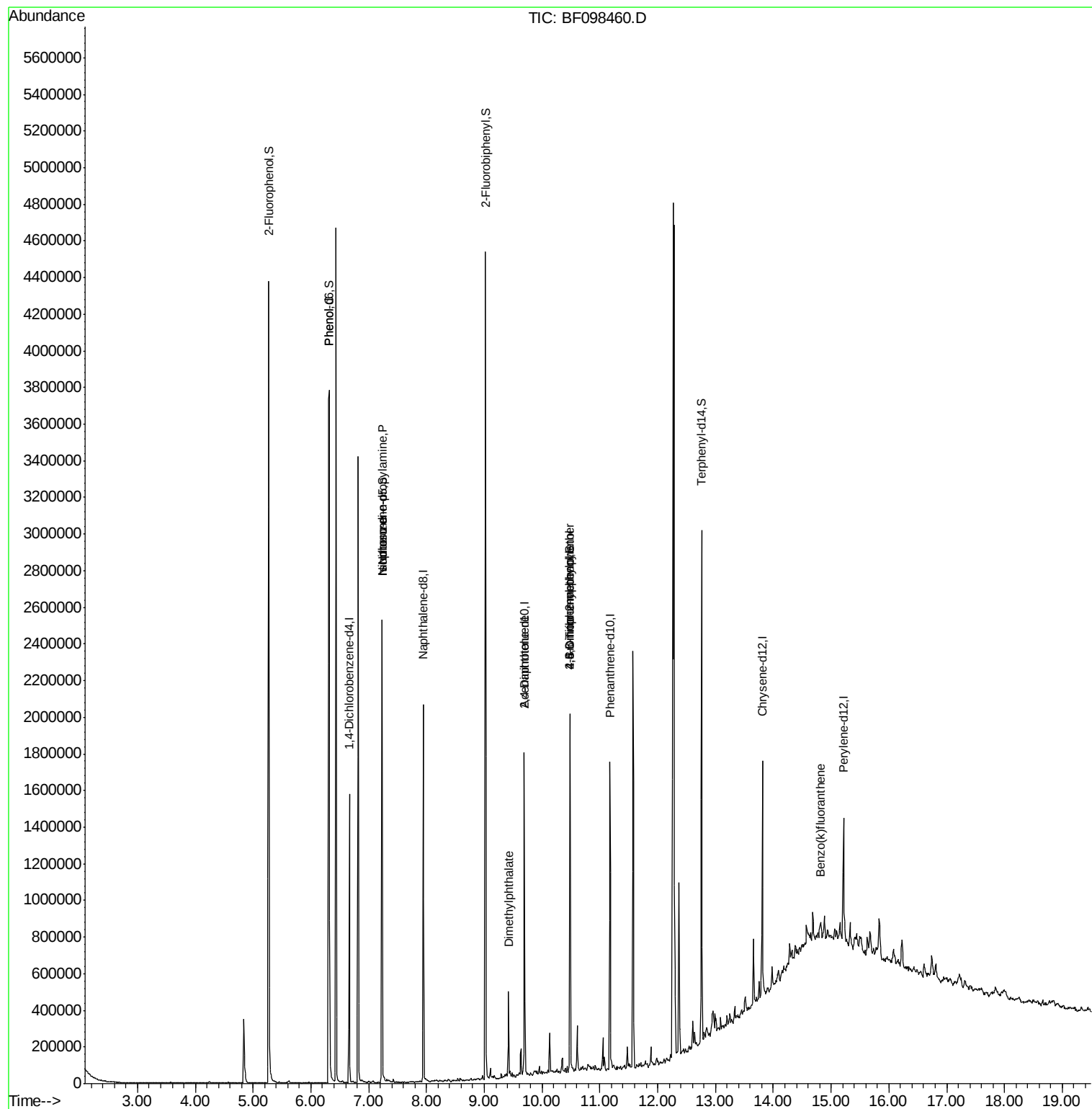
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.32	94	53846	2.582	ng	85
19) n-Nitroso-di-n-propylamine	7.23	70	117679	10.418	ng	# 77
25) Isophorone	7.23	82	853788	28.199	ng	# 67
49) Dimethylphthalate	9.42	163	157842	6.193	ng	99
56) 2,4-Dinitrotoluene	9.69	165	42529	6.682	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.48	198	497	5.101	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	14810	2.945	ng	# 1
88) Benzo(k)fluoranthene	14.82	252	35433	2.125	ng	# 70

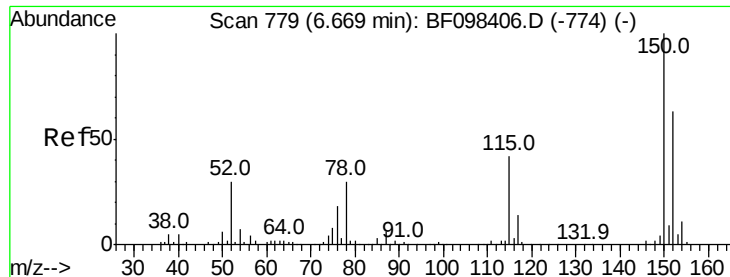
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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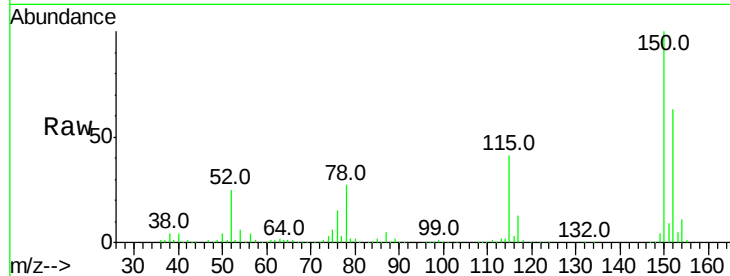


#1

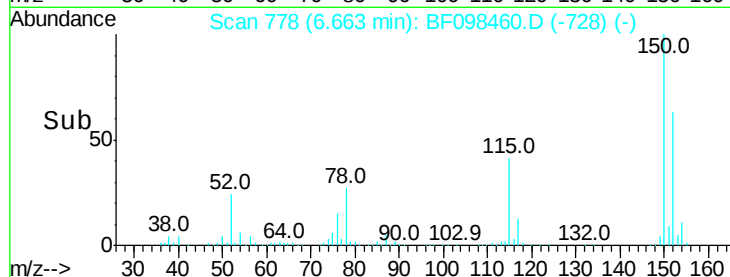
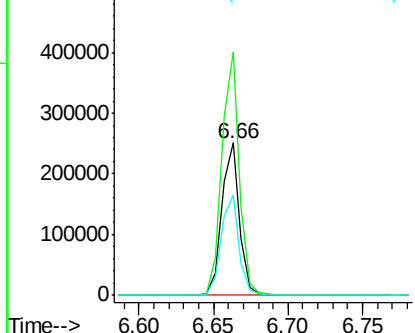
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion:152 Resp: 209113
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 65.7 52.2 78.2



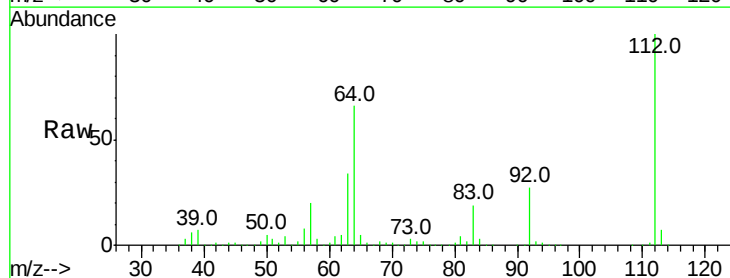
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



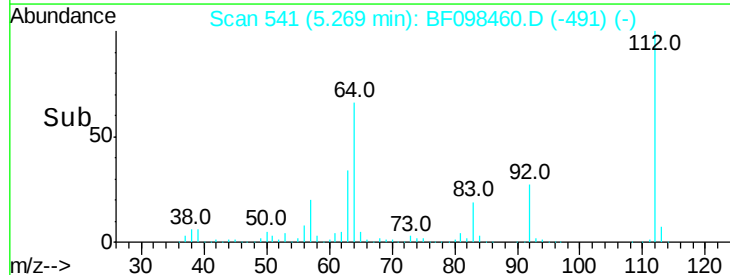
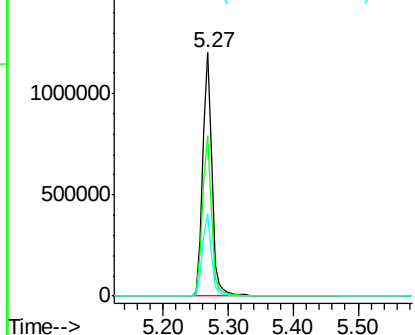
#5

2-Fluorophenol
Concen: 84.372 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:112 Resp: 1193309
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.9 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: 80.470 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

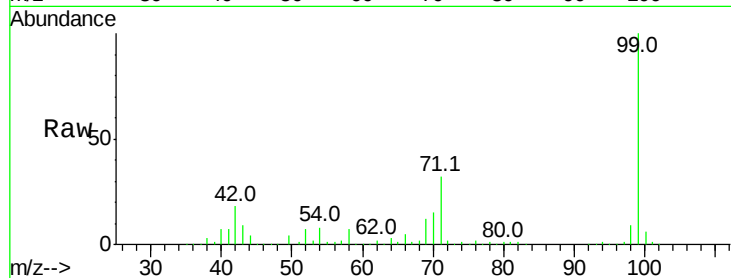
Tot Ion: 99 Resp: 1445018

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

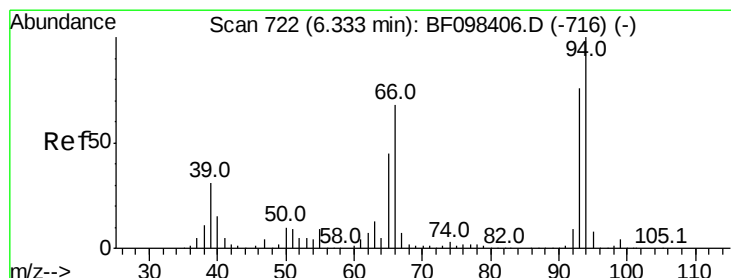
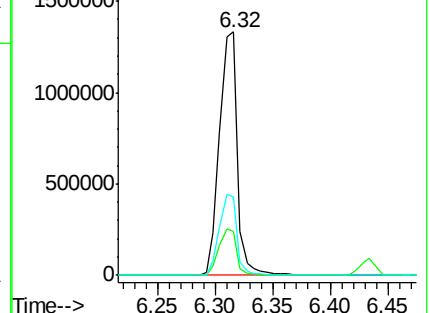
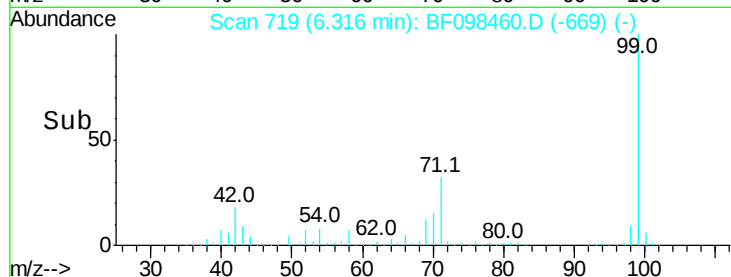
71 32.5 24.5 36.7



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: 2.582 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

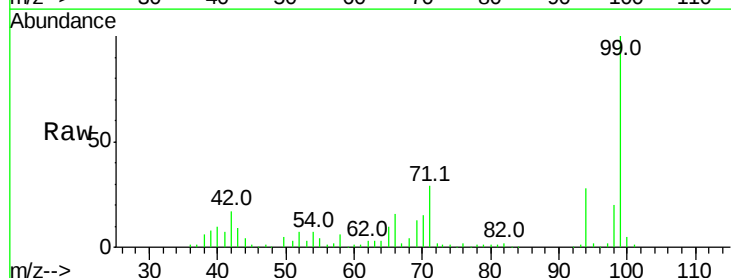
Tgt Ion: 94 Resp: 53846

Ion Ratio Lower Upper

94 100

65 33.9 9.9 49.9

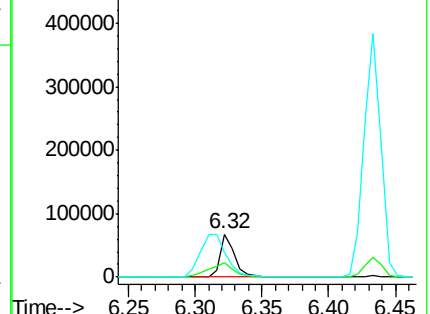
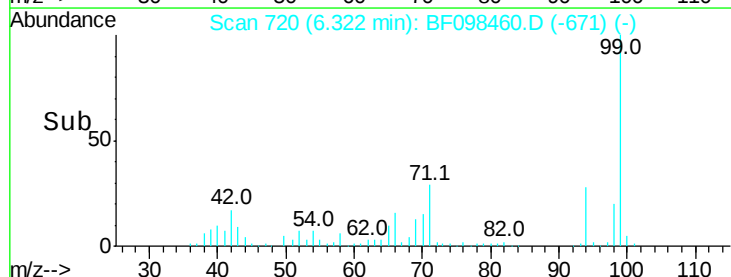
66 56.1 23.1 63.1

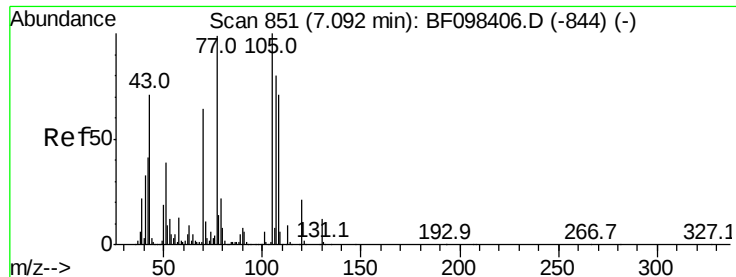


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 10.418 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

Tot Ion: 70 Resp: 117679

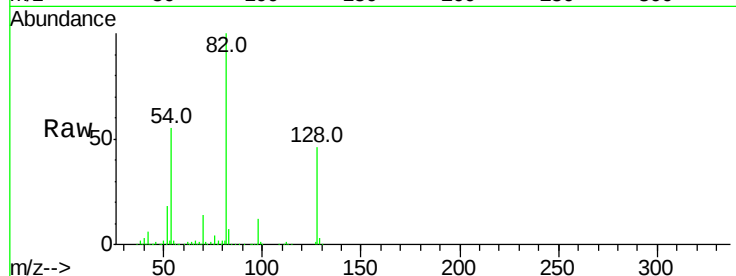
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

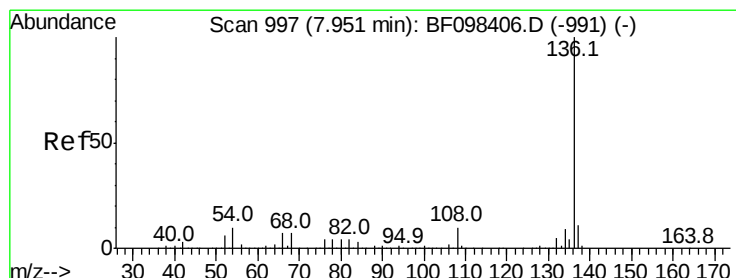
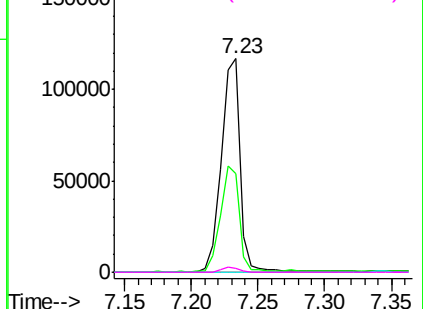
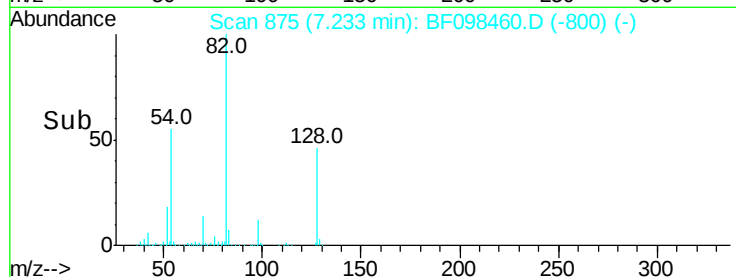


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Tgt Ion: 136 Resp: 834256

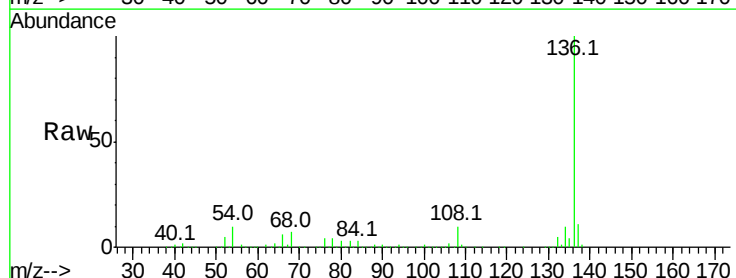
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.2 4.9 7.3#

68 7.5 4.1 6.1#

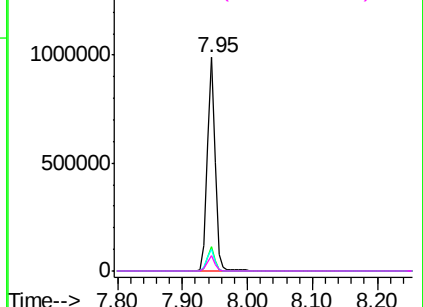
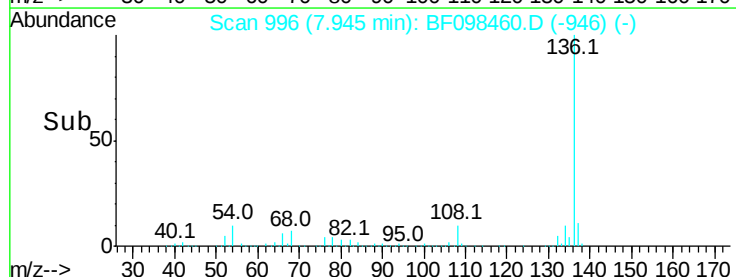


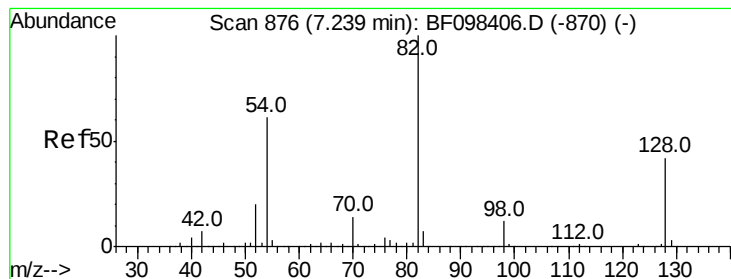
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 57.666 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

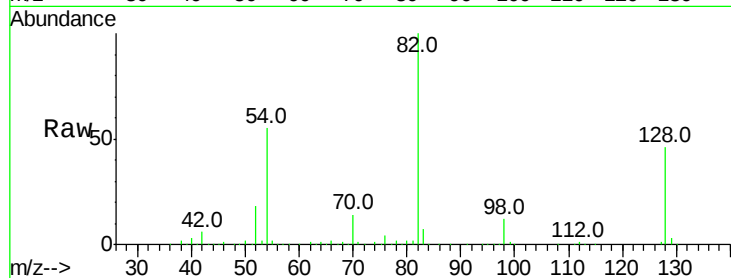
Tot Ion: 82 Resp: 862932

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

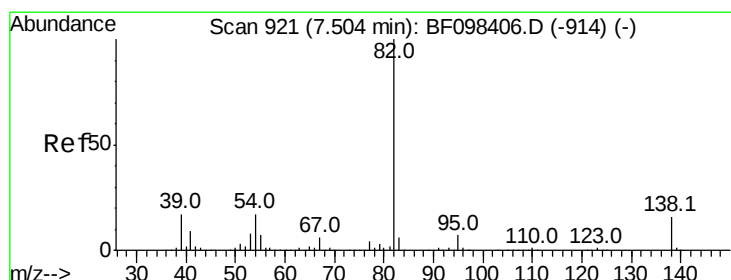
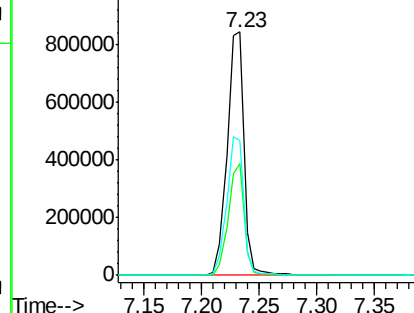
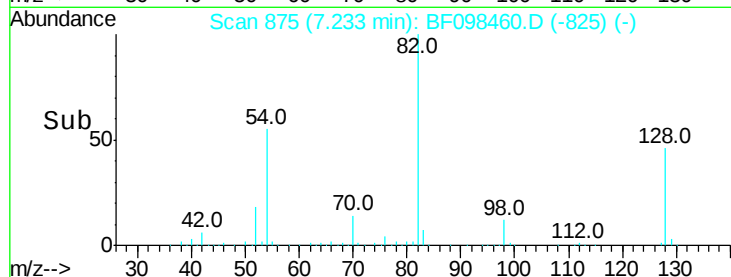
54 55.4 42.2 63.2



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: 28.199 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.27 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

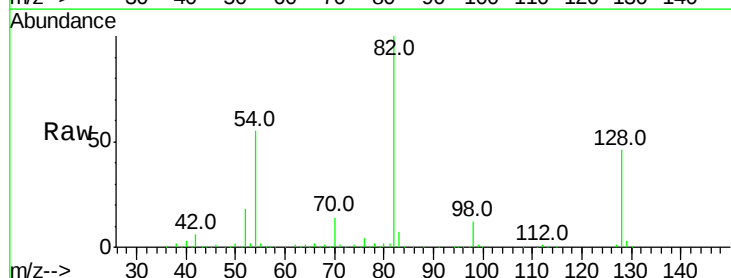
Tgt Ion: 82 Resp: 853788

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

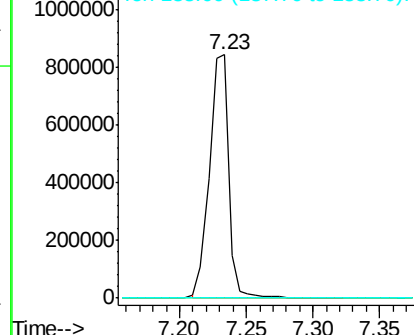
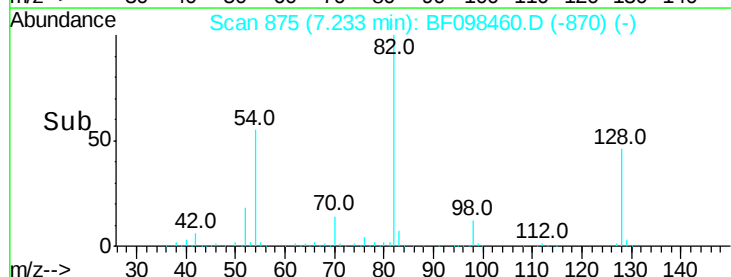
138 0.0 13.1 19.7#

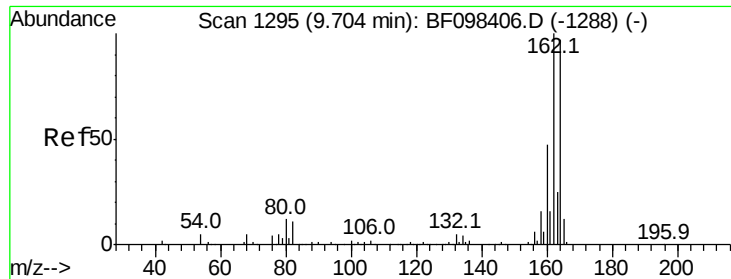


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1293

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

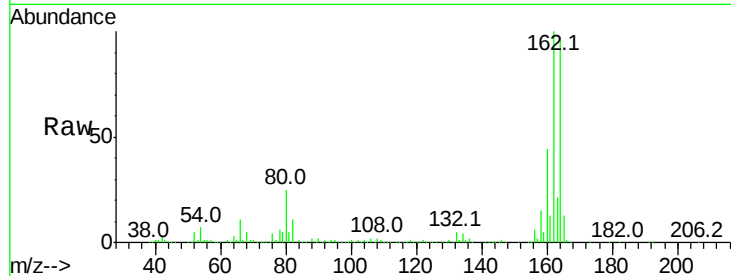
Tot Ion:164 Resp: 329268

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 45.6 36.2 54.2

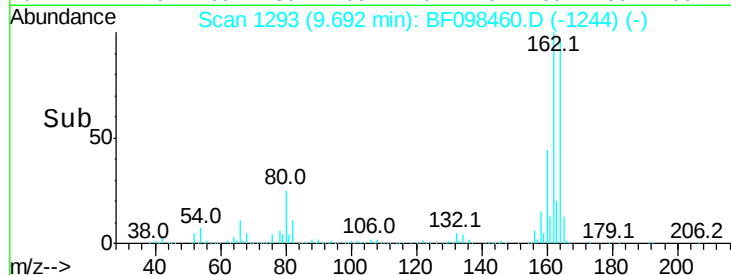


Abundance Ion 164.00 (163.70 to 164.70): E

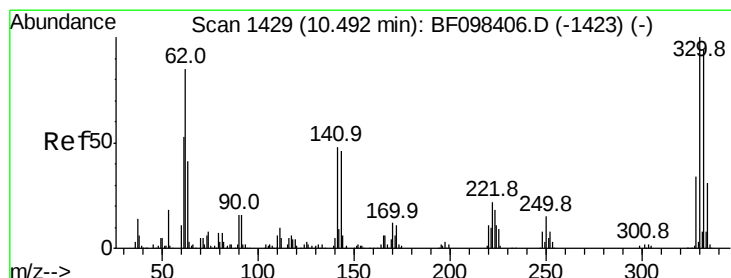
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 87.968 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

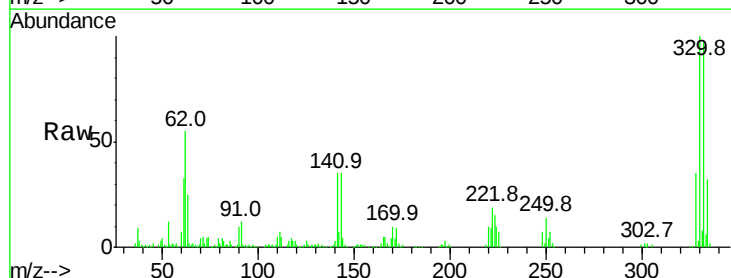
Tgt Ion:330 Resp: 193318

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

141 44.6 31.4 47.2

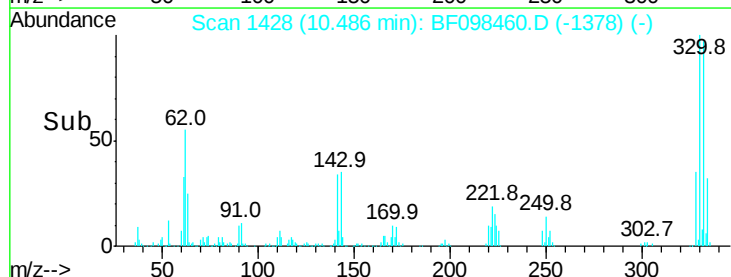


Abundance Ion 329.80 (329.50 to 330.50): E

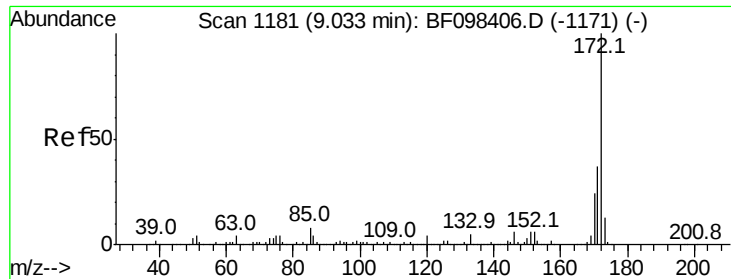
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



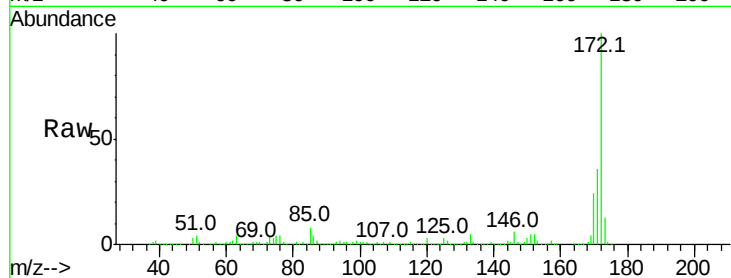
Time-->



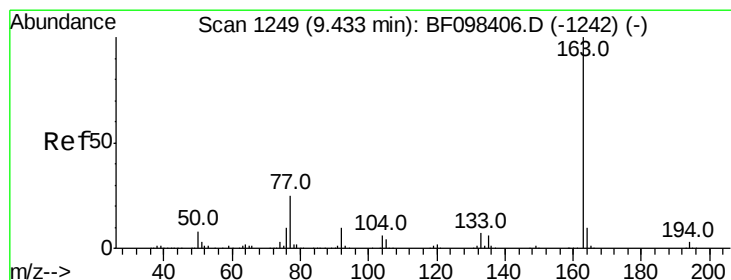
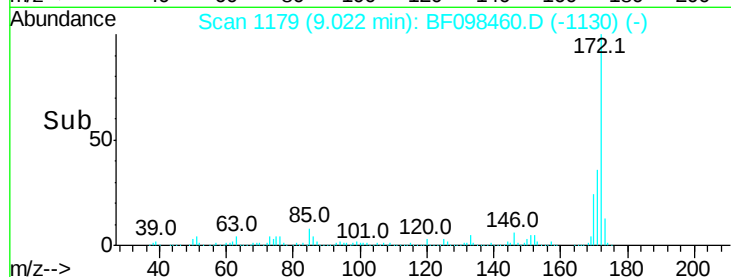
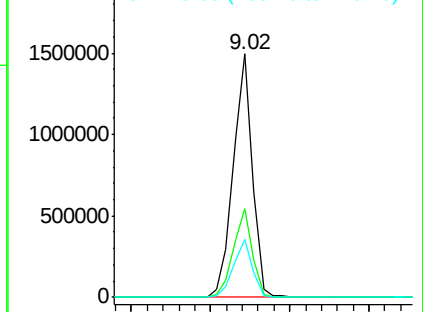
#44
2-Fluorobiphenyl
Concen: 64.851 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion:172 Resp: 1259841
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.8 29.8

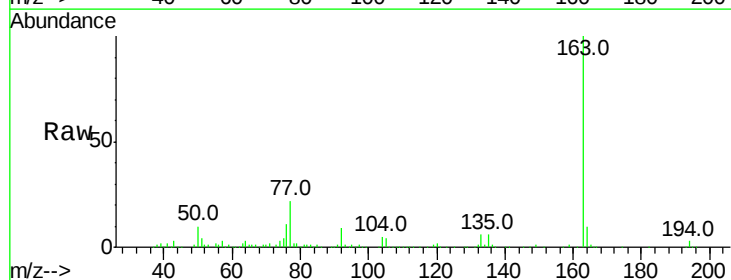


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

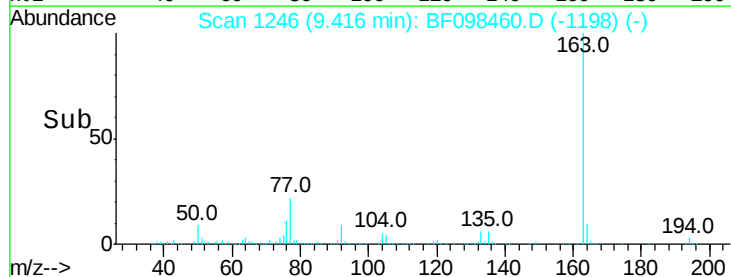
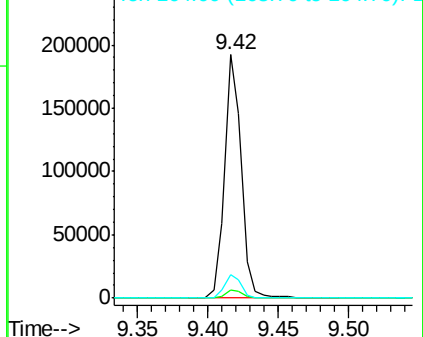


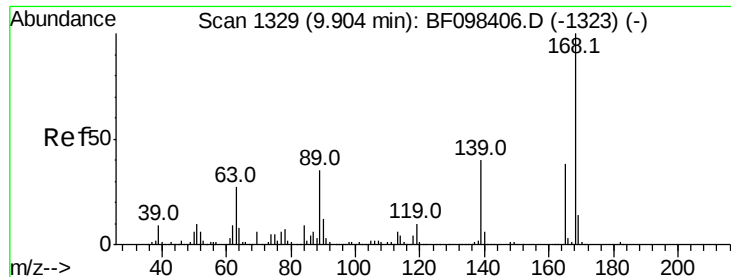
#49
Dimethylphthalate
Concen: 6.193 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:163 Resp: 157842
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 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

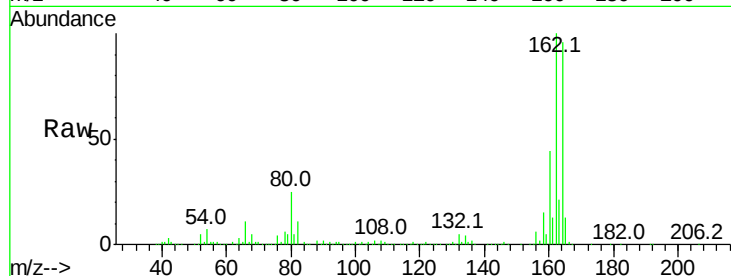




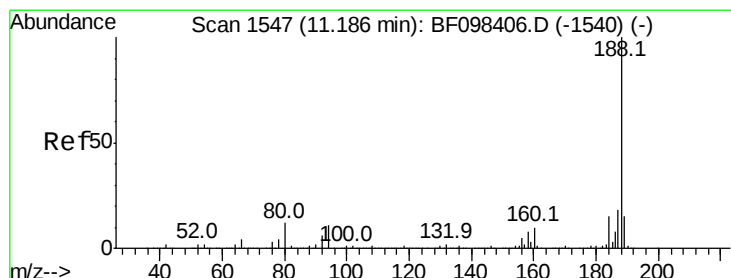
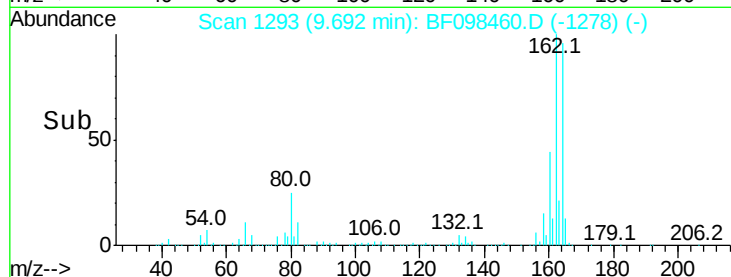
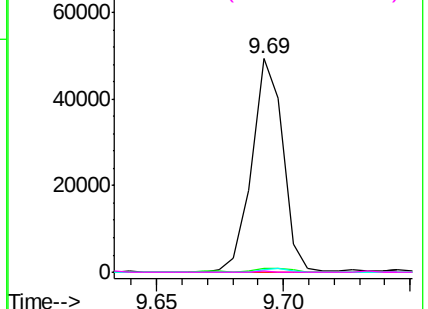
#56
 2,4-Dinitrotoluene
 Concen: 6.682 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098460.D
 Acq: 12 Sep 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-090817

Tot Ion:165 Resp: 42529
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.8 1.8 2.6#

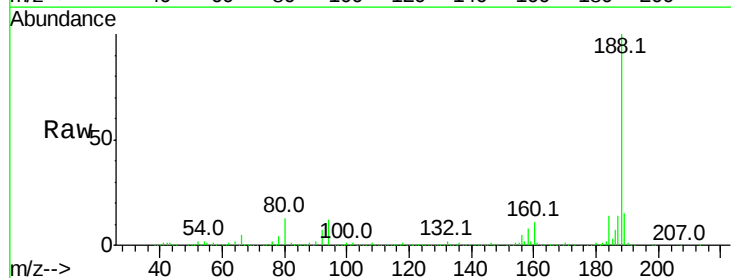


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

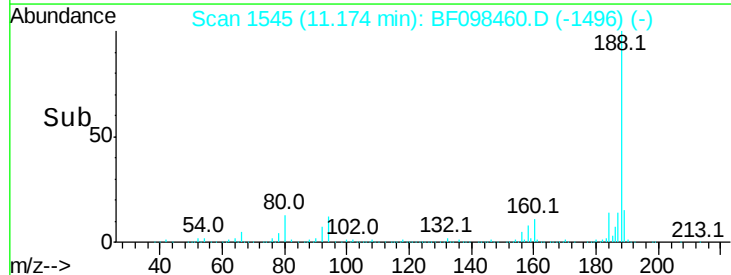
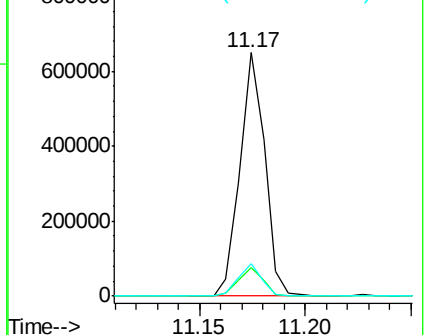


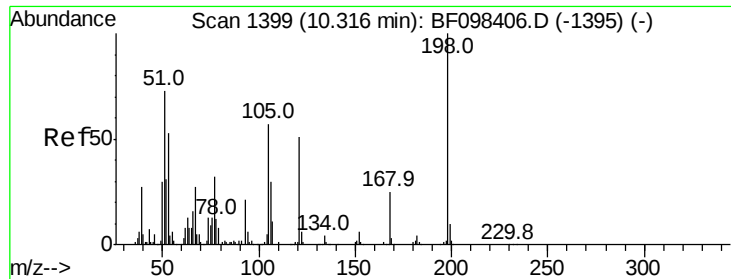
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098460.D
 Acq: 12 Sep 2017 19:51

Tgt Ion:188 Resp: 529896
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 13.3 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

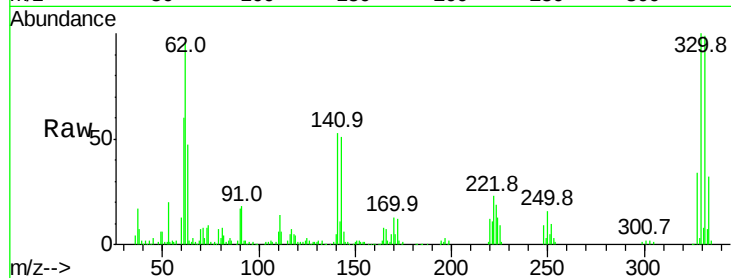




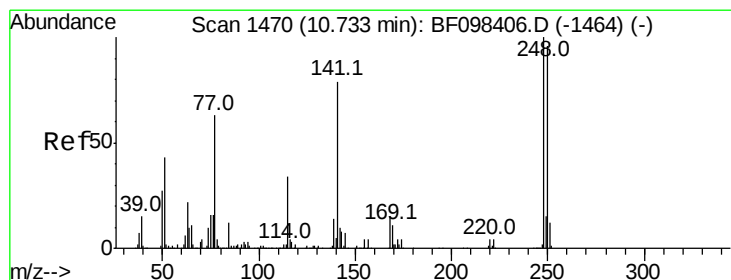
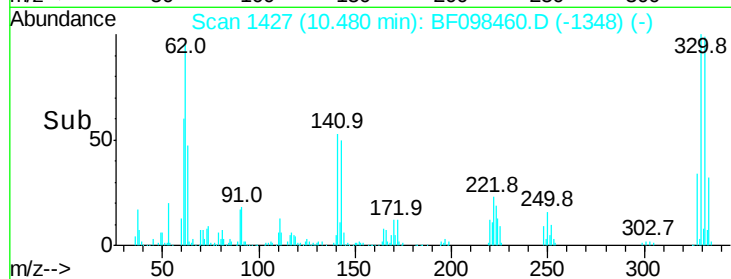
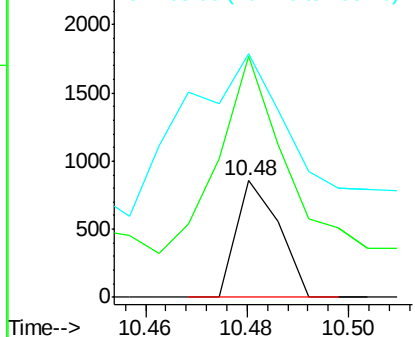
#64
4,6-Dinitro-2-methylphenol
Concen: 5.101 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.17 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion:198 Resp: 497
Ion Ratio Lower Upper
198 100
51 207.3 53.2 93.2#
105 209.3 45.8 85.8#

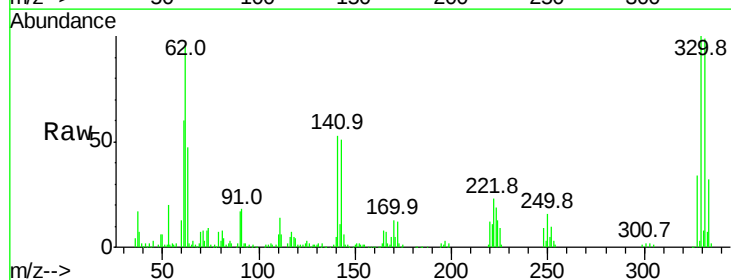


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

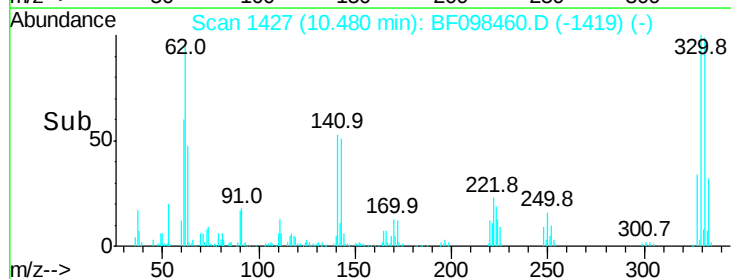
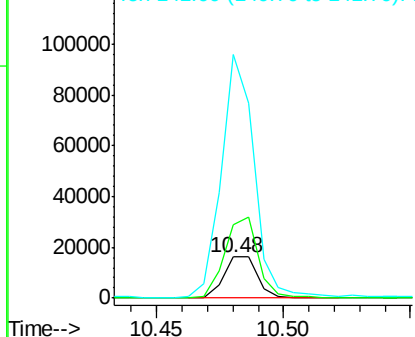


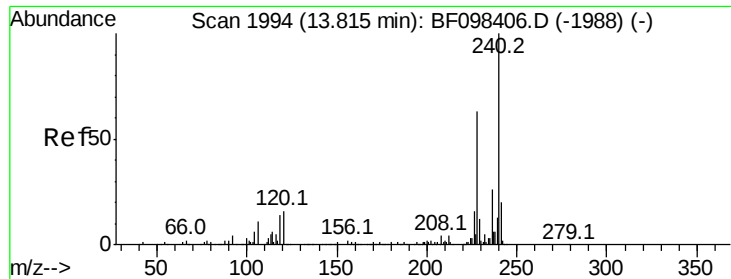
#66
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 180.4 76.8 115.2#
141 593.7 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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

Instrument :

BNA_F

ClientSampleId :

OK-02-090817

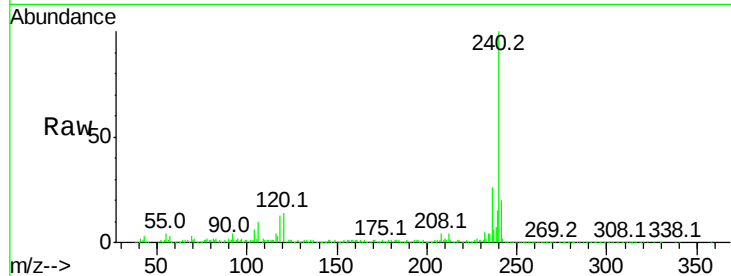
Tot Ion:240 Resp: 395734

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

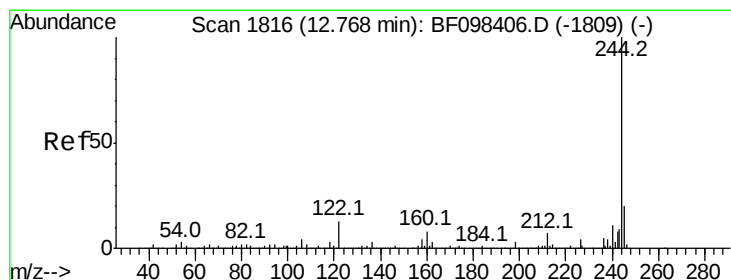
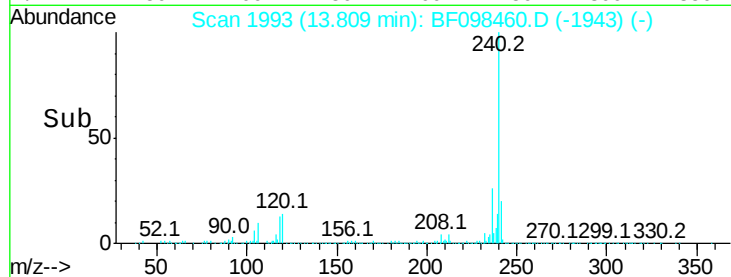
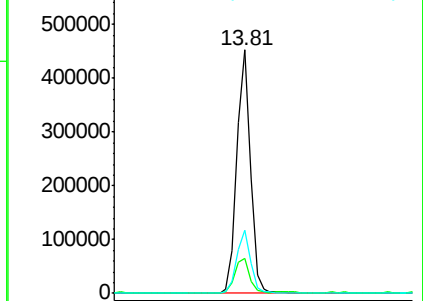
236 25.9 20.5 30.7



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: 46.548 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098460.D

Acq: 12 Sep 2017 19:51

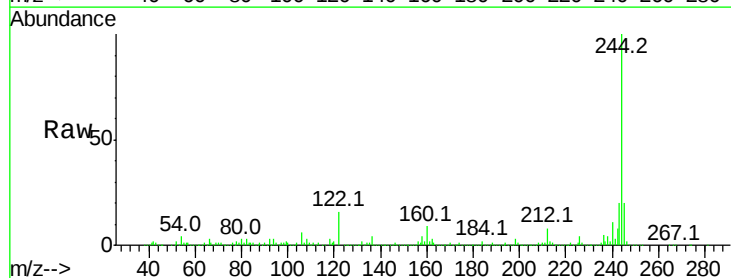
Tgt Ion:244 Resp: 853421

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

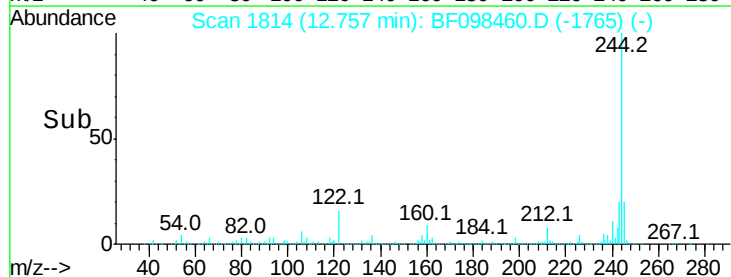
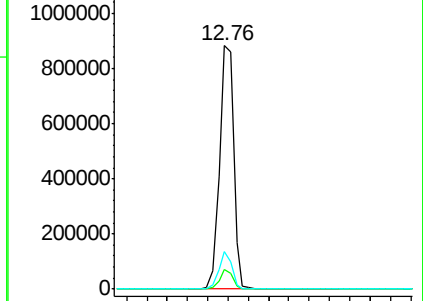
122 15.6 10.3 15.5#

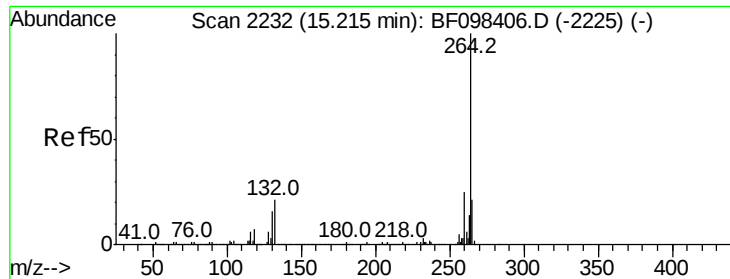


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

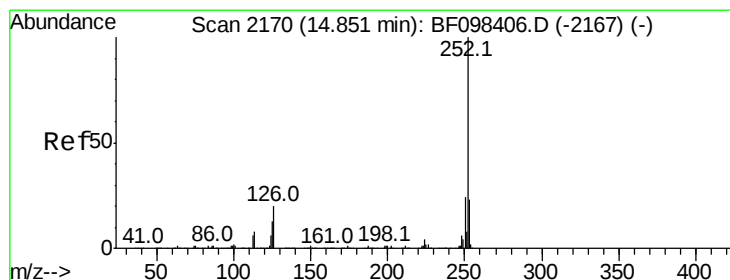
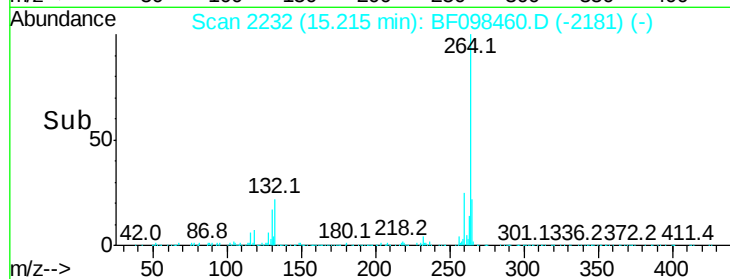
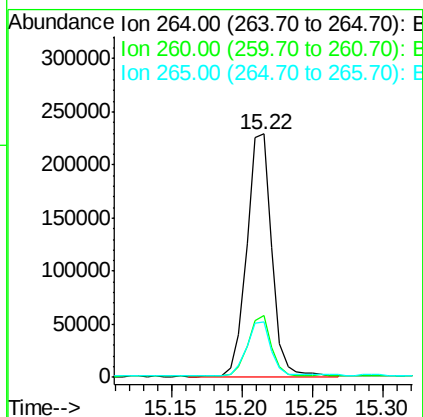
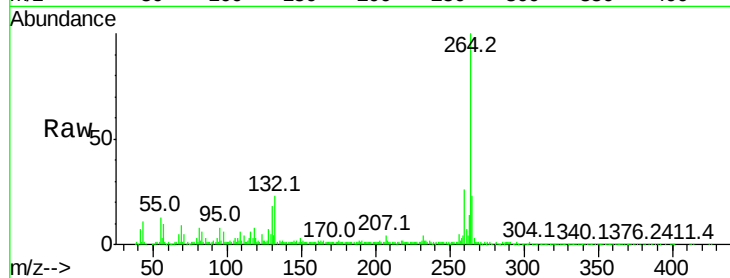




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tot Ion:264 Resp: 284014
Ion Ratio Lower Upper
264 100
260 25.6 19.5 29.3
265 23.0 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.125 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:252 Resp: 35433
Ion Ratio Lower Upper
252 100
253 31.1 18.4 27.6#
125 37.4 13.1 19.7#

