

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098808.D
 Acq On : 26 Sep 2017 3:14
 Operator : SJ/JU
 Sample : I5395-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:24:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

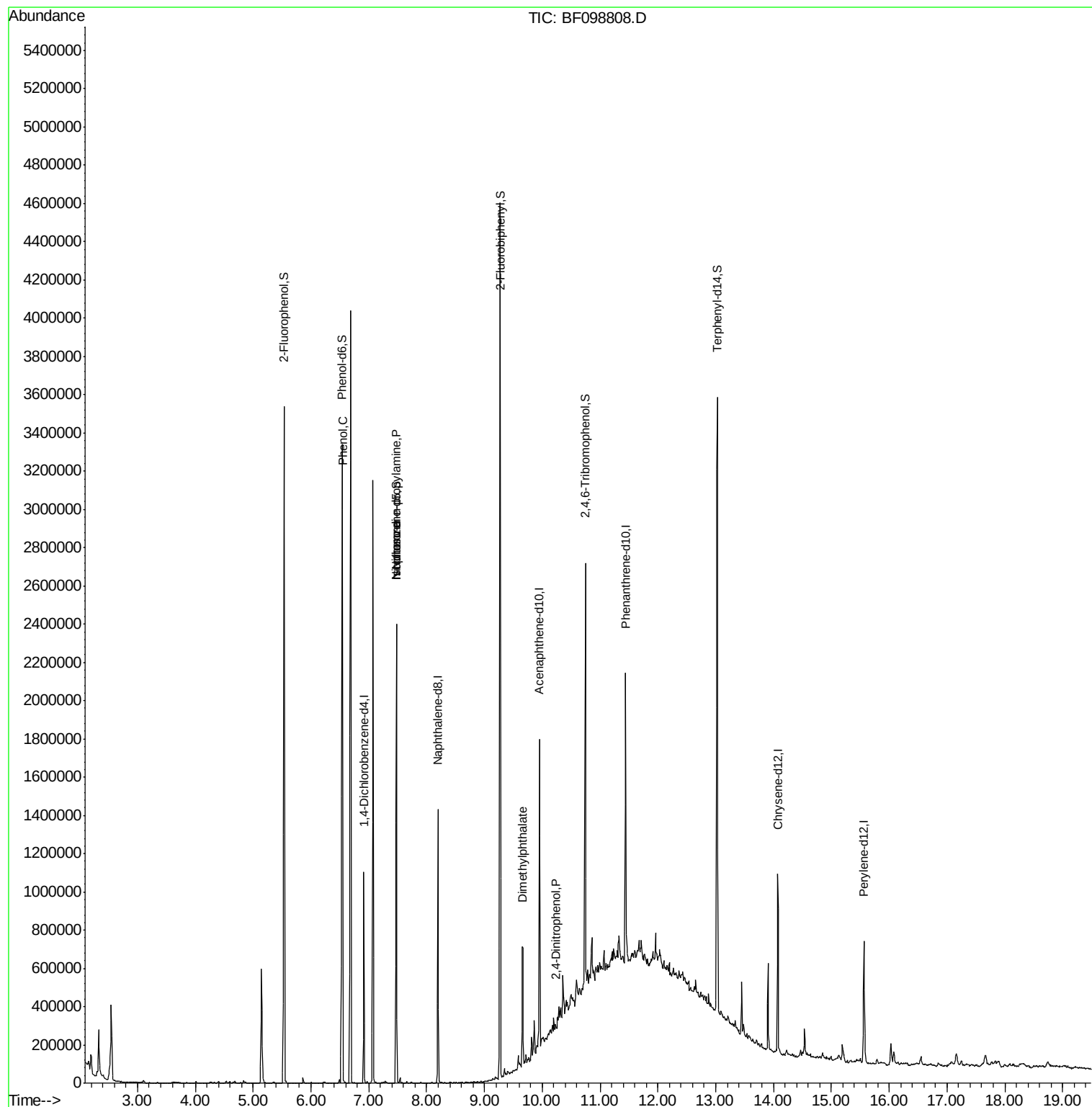
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153672	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	647975	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	297877	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	478009	20.00	ng	0.00
75) Chrysene-d12	14.07	240	290628	20.00	ng	-0.01
86) Perylene-d12	15.57	264	278772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1166948	120.89	ng	0.00
7) Phenol-d6	6.54	99	1464979	123.02	ng	0.00
23) Nitrobenzene-d5	7.48	82	866912	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	298825	122.60	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1537432	86.16	ng	0.00
78) Terphenyl-d14	13.03	244	1115474	87.29	ng	0.00
Target Compounds						
10) Phenol	6.55	94	50811	3.815	ng	98
19) n-Nitroso-di-n-propylamine	7.48	70	114118	15.009	ng	# 76
25) Isophorone	7.48	82	865412	41.427	ng	# 64
49) Dimethylphthalate	9.66	163	223256	9.930	ng	98
53) 2,4-Dinitrophenol	10.23	184	157	5.885	ng	# 50

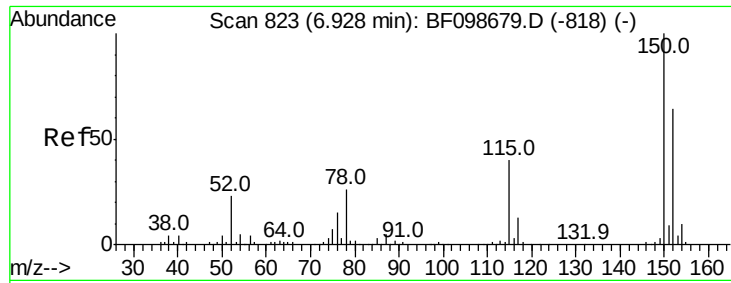
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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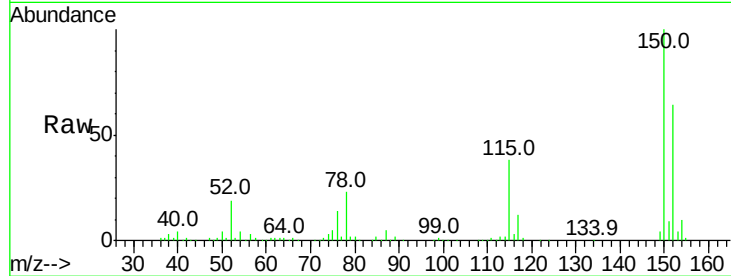


#1

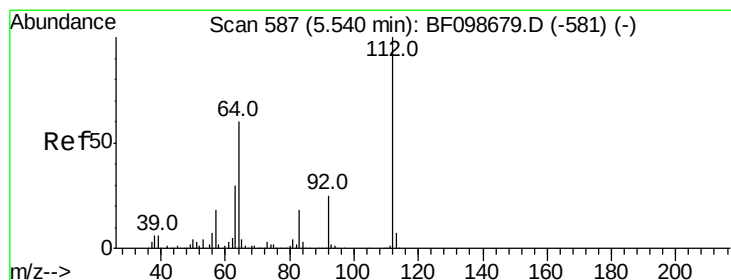
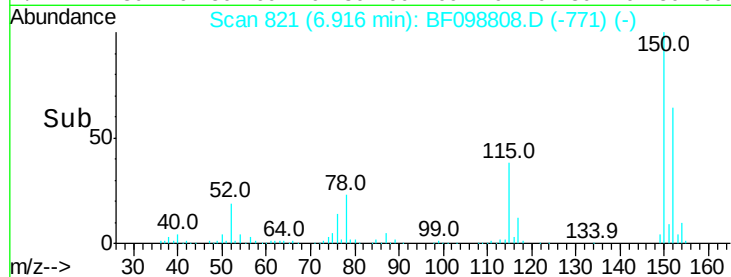
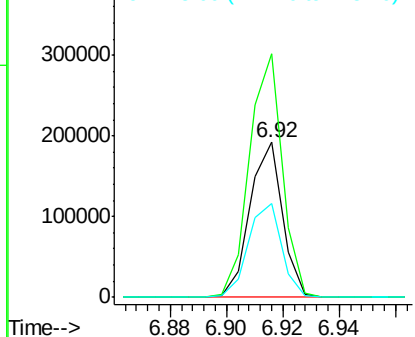
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153672
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.2 50.1 75.1



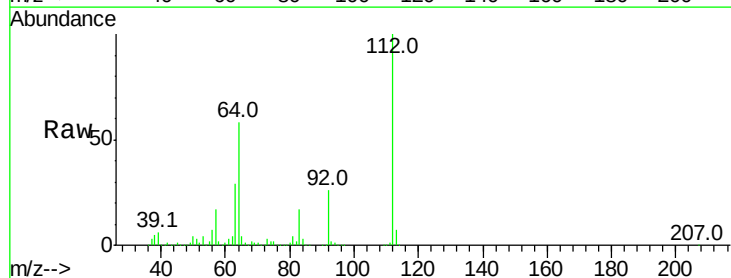
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



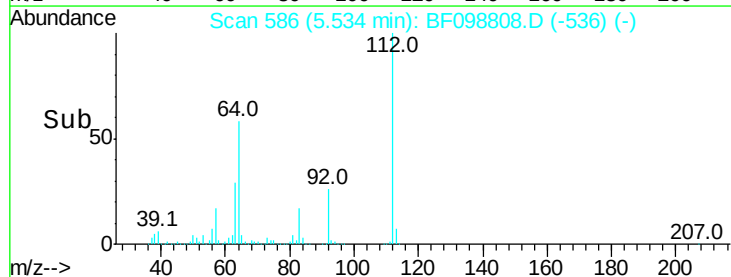
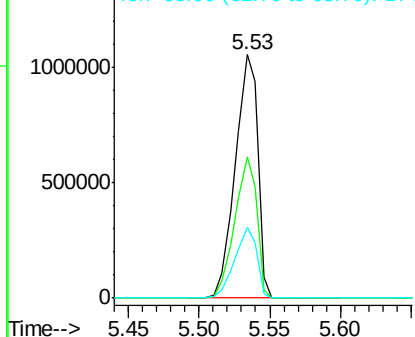
#5

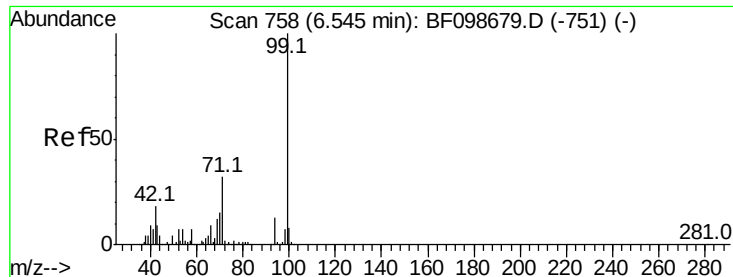
2-Fluorophenol
Concen: 120.885 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Tgt Ion:112 Resp: 1166948
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.9 23.7 35.5



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: 123.019 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA_F

ClientSampleId :

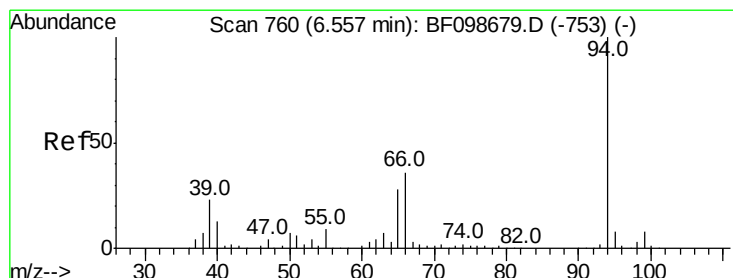
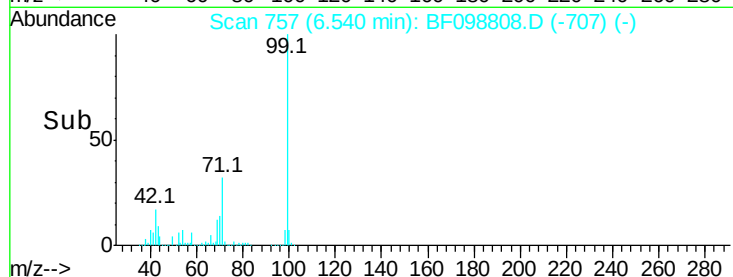
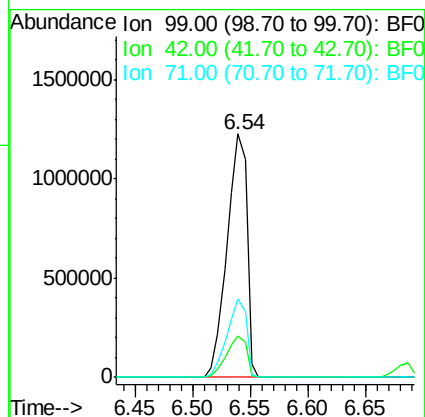
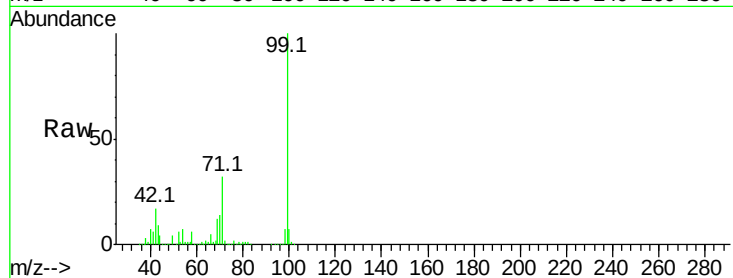
Tot Ion: 99 Resp: 1464979

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.815 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

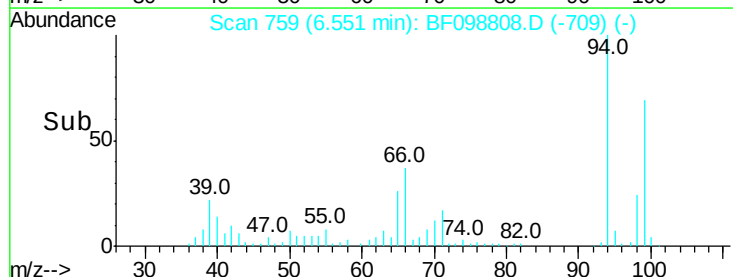
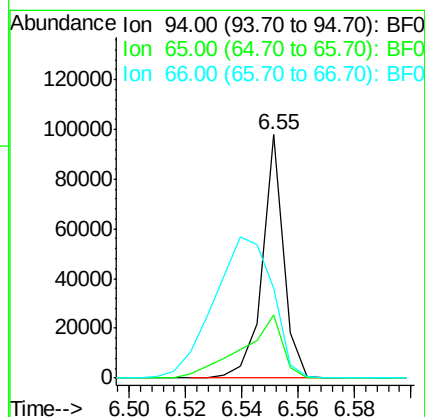
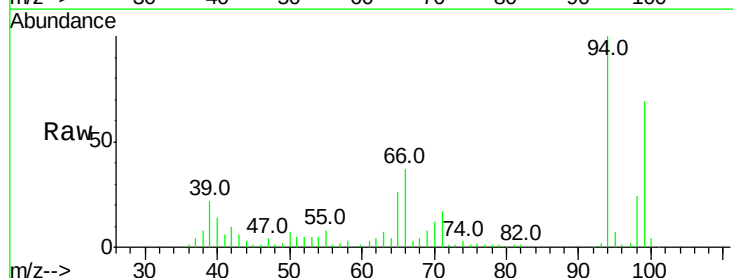
Tgt Ion: 94 Resp: 50811

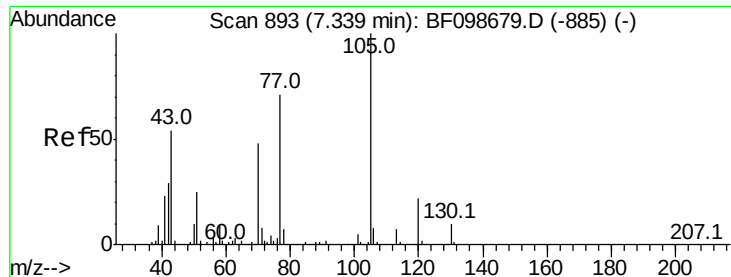
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 36.7 16.2 56.2

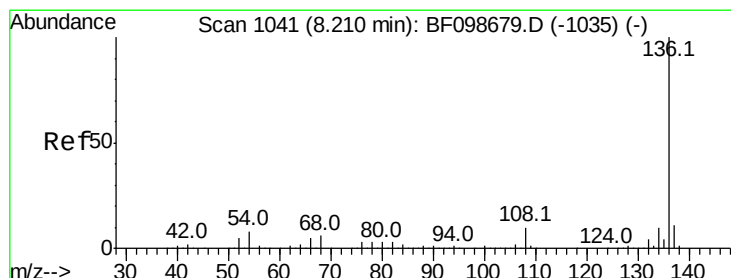
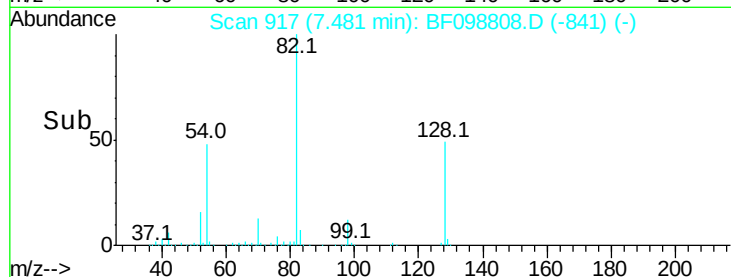
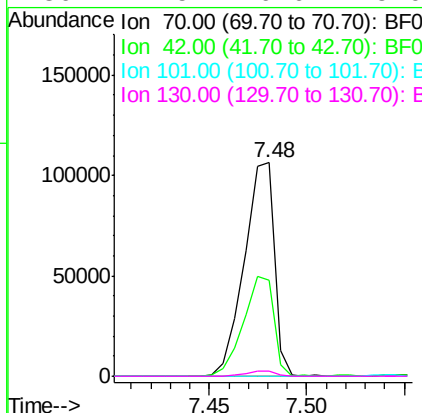
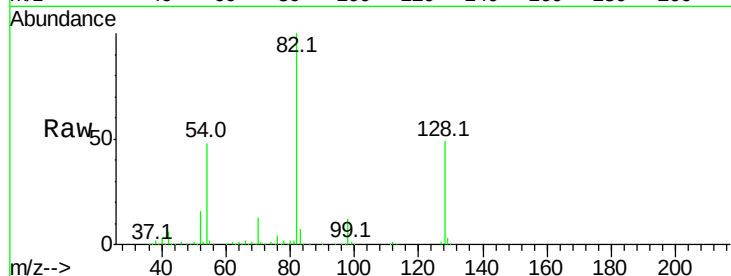




#19
n-Nitroso-di-n-propylamine
Concen: 15.009 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

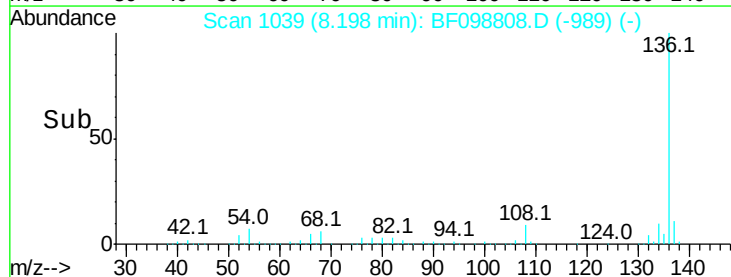
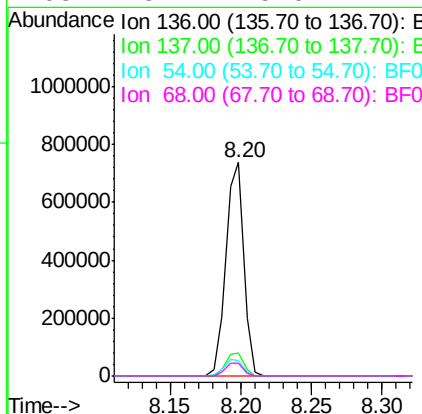
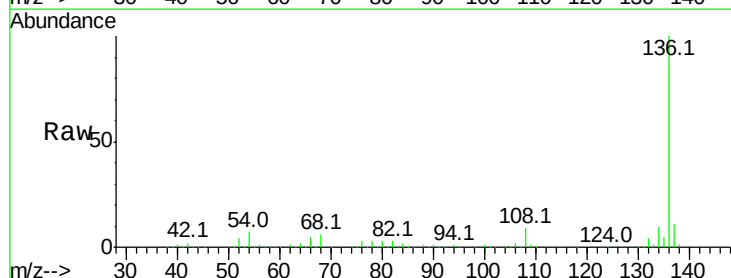
Instrument :
BNA_F
ClientSampleId :

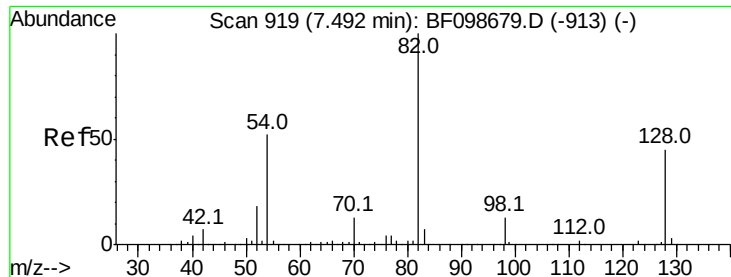
Tot Ion: 70 Resp: 114118
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Tgt Ion:136 Resp: 647975
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.2 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.798 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA_F

ClientSampleId :

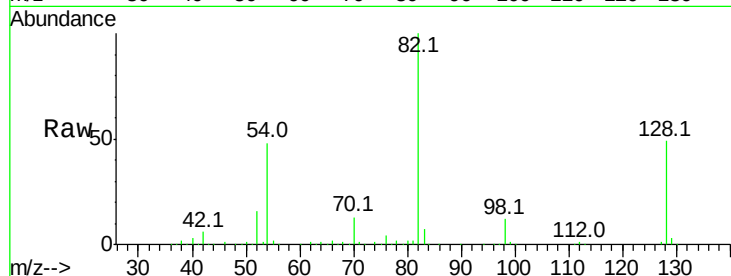
Tot Ion: 82 Resp: 866912

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

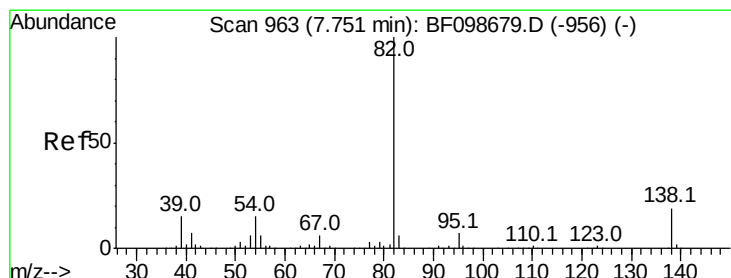
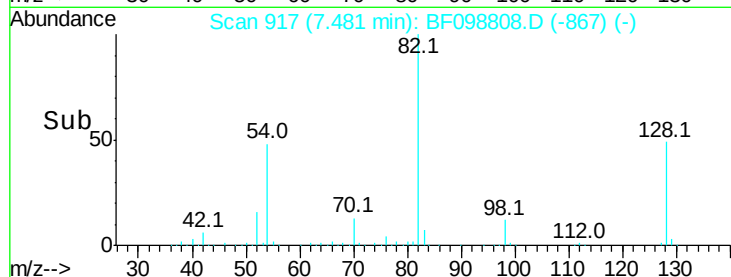
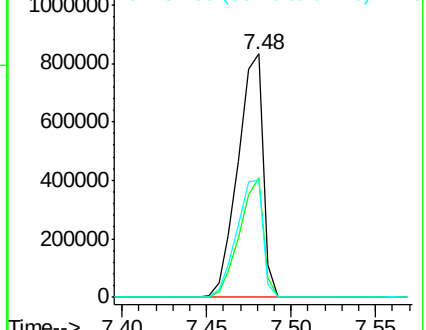
54 48.1 41.4 62.2



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: 41.427 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

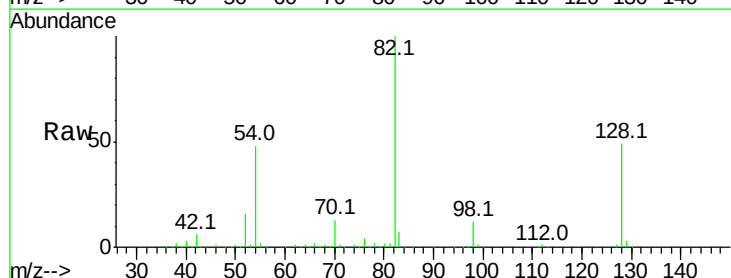
Tgt Ion: 82 Resp: 865412

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

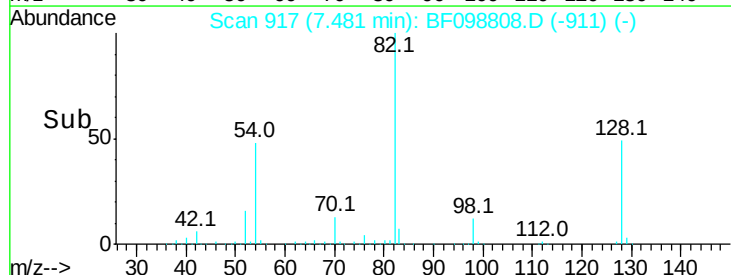
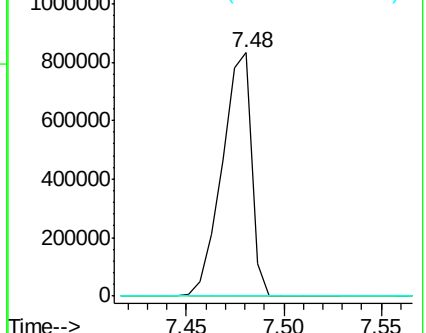
138 0.0 14.9 22.3#

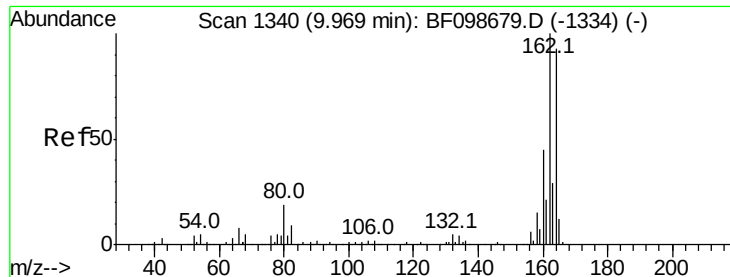


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA_F

ClientSampleId :

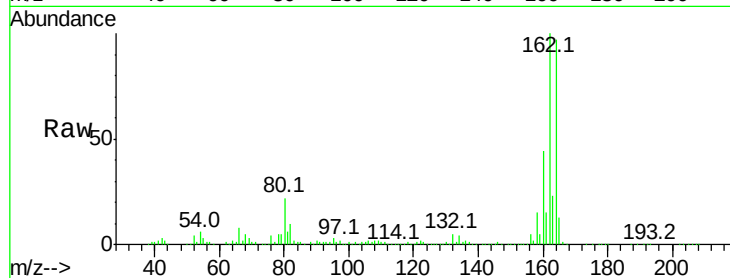
Tot Ion:164 Resp: 297877

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

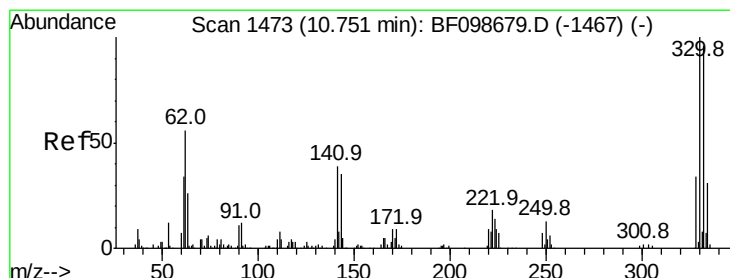
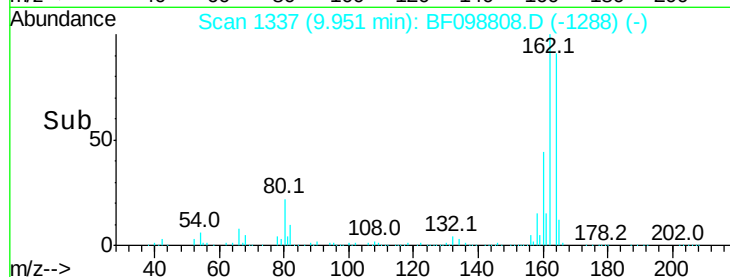
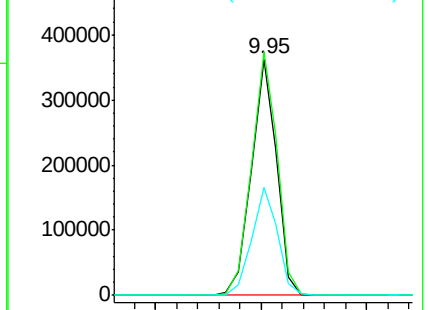
160 45.6 38.3 57.5



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: 122.598 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

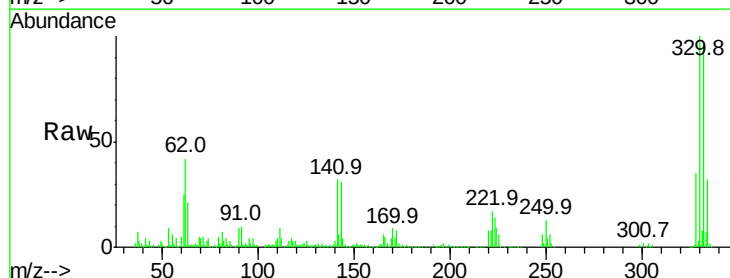
Tgt Ion:330 Resp: 298825

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

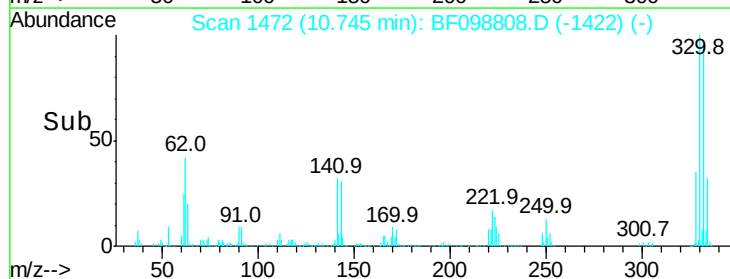
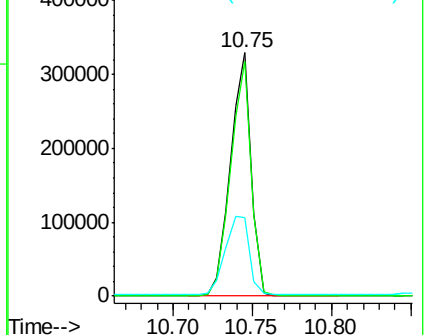
141 37.4 29.9 44.9

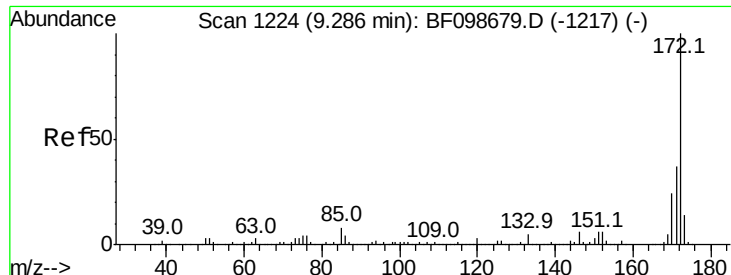


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

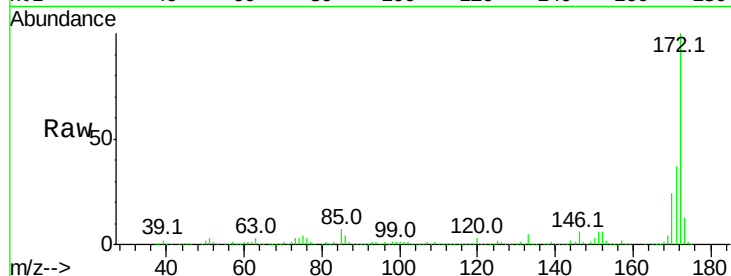




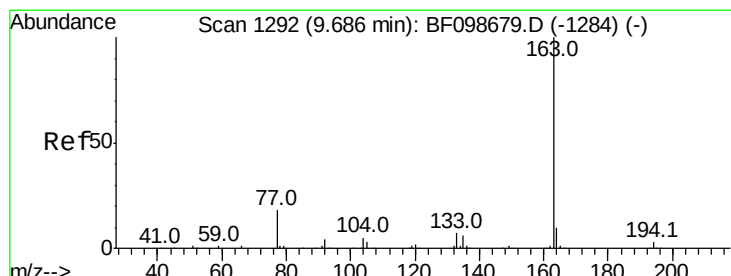
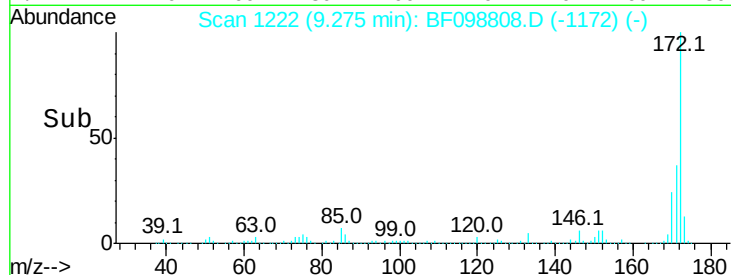
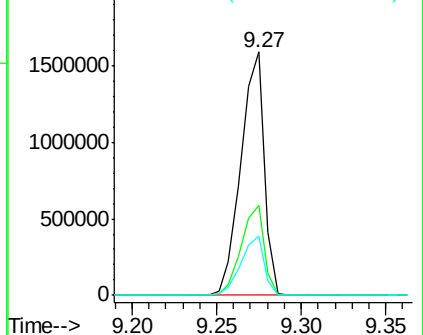
#44
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1537432
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.3 19.6 29.4

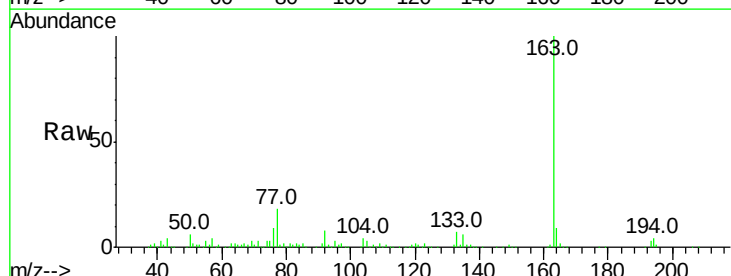


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

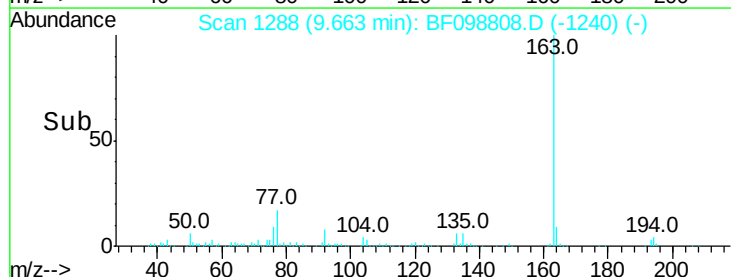
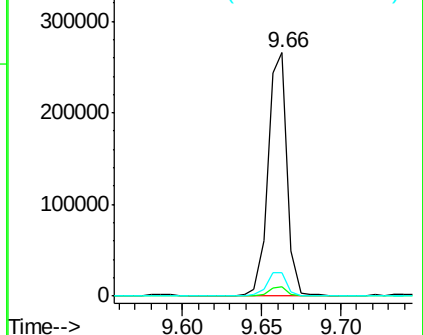


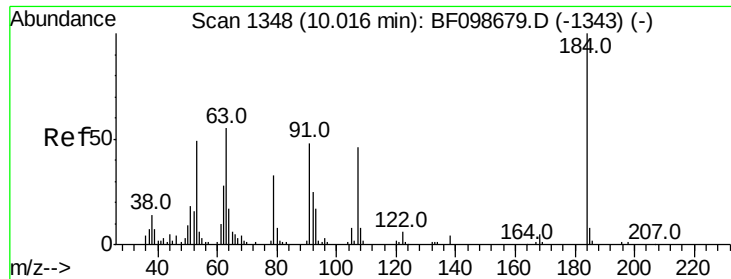
#49
Dimethylphthalate
Concen: 9.930 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Tgt Ion:163 Resp: 223256
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.2 12.2



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: 5.885 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.22 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA_F

ClientSampled :

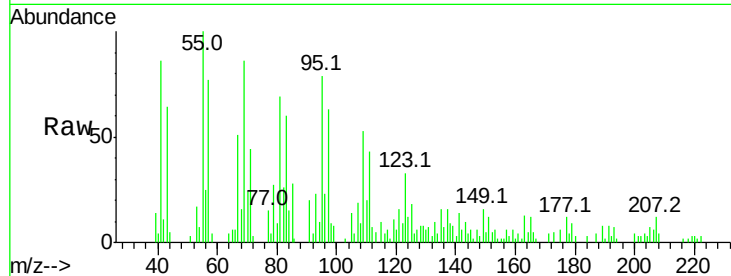
Tot Ion:184 Resp: 157

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

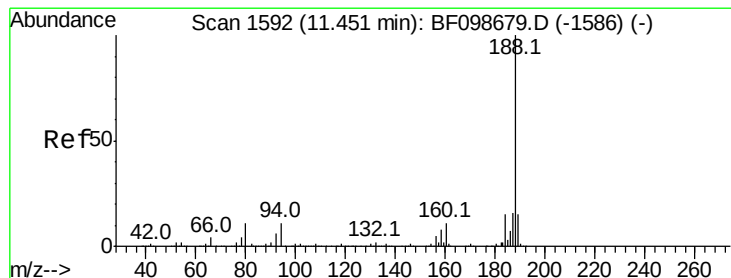
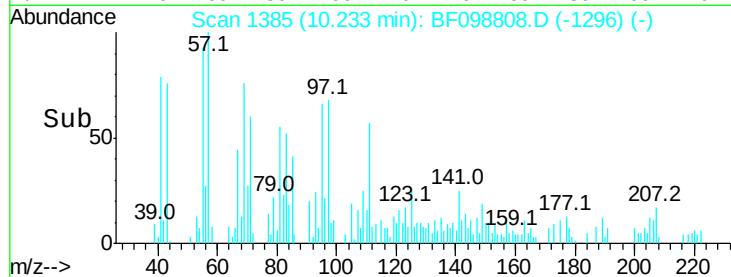
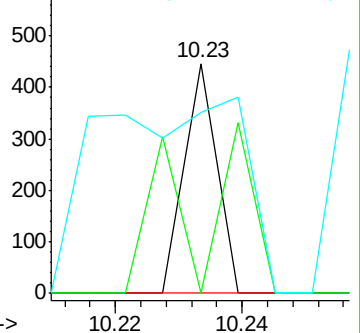
154 78.7 53.5 80.3



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

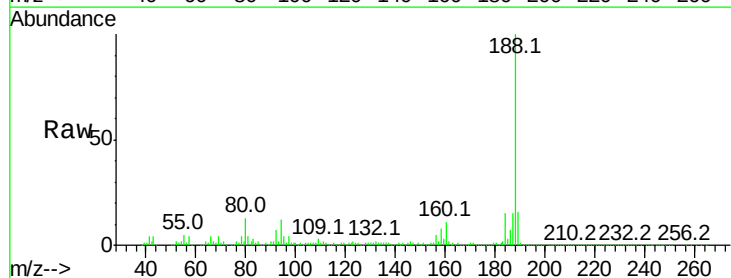
Tgt Ion:188 Resp: 478009

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

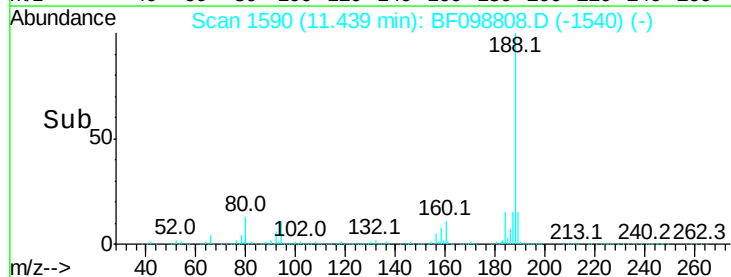
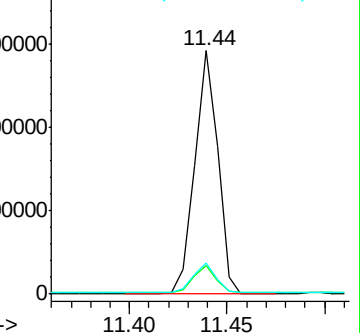
80 13.0 9.2 13.8

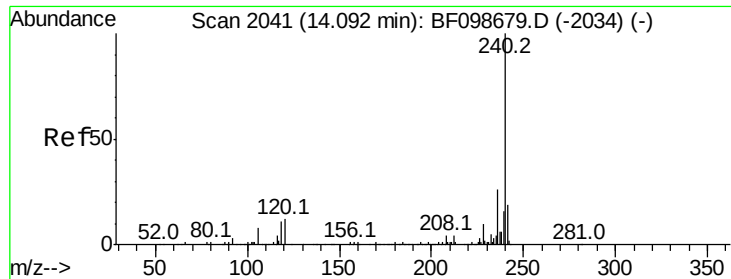


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA_F

ClientSampleId :

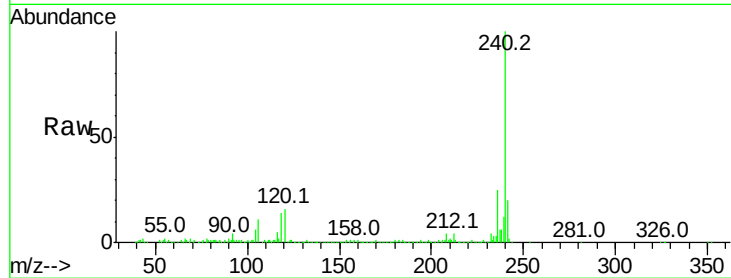
Tot Ion:240 Resp: 290628

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

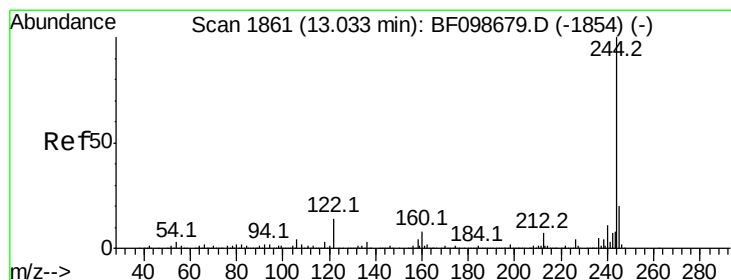
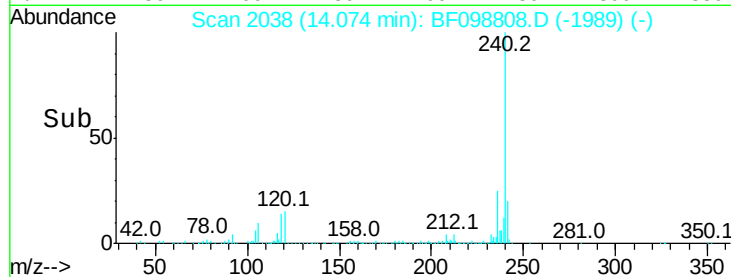
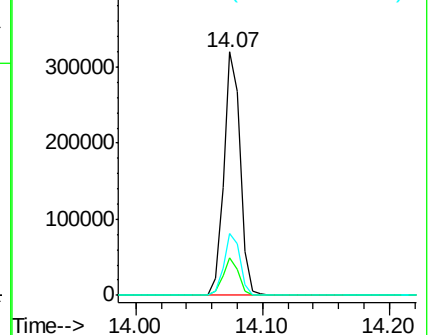
236 25.4 20.7 31.1



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: 87.287 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

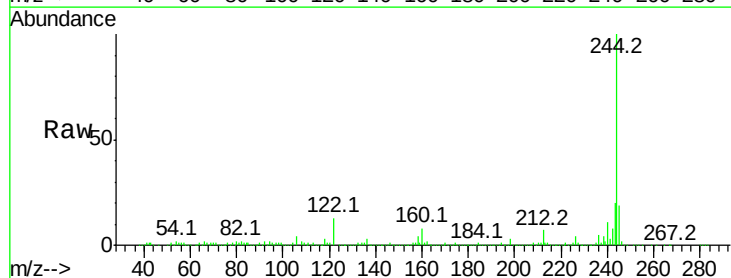
Tgt Ion:244 Resp: 1115474

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

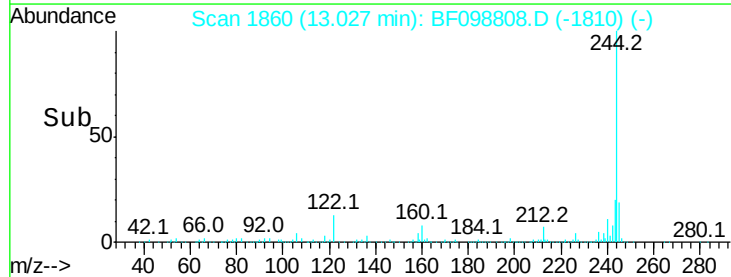
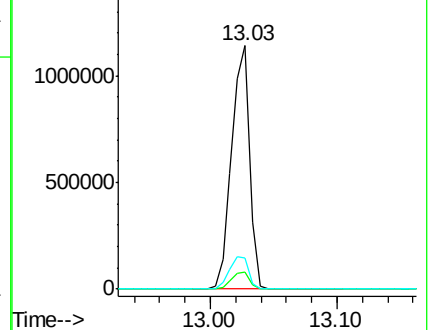
122 12.8 11.0 16.4

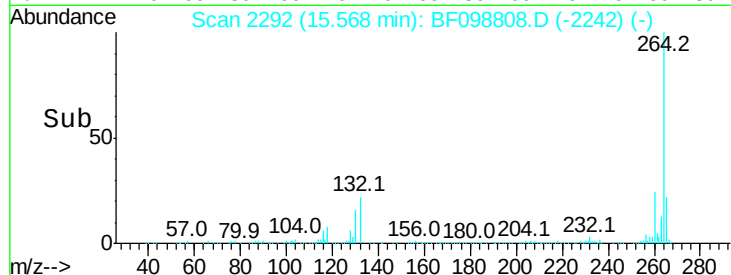
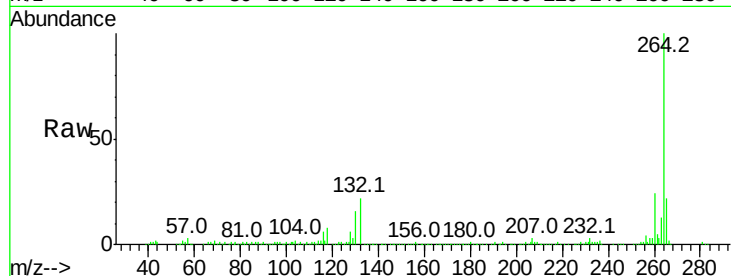
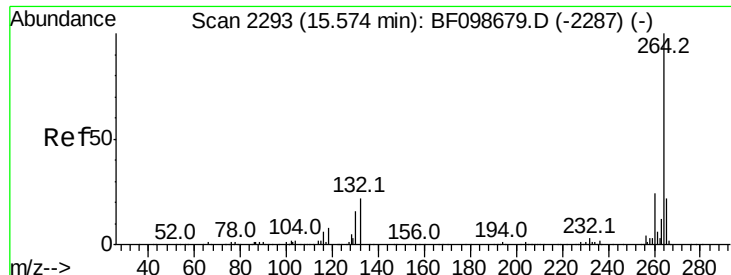


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098808.D
Acq: 26 Sep 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

