

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098880.D
 Acq On : 27 Sep 2017 23:24
 Operator : SJ/JU
 Sample : I54445-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:55:41 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

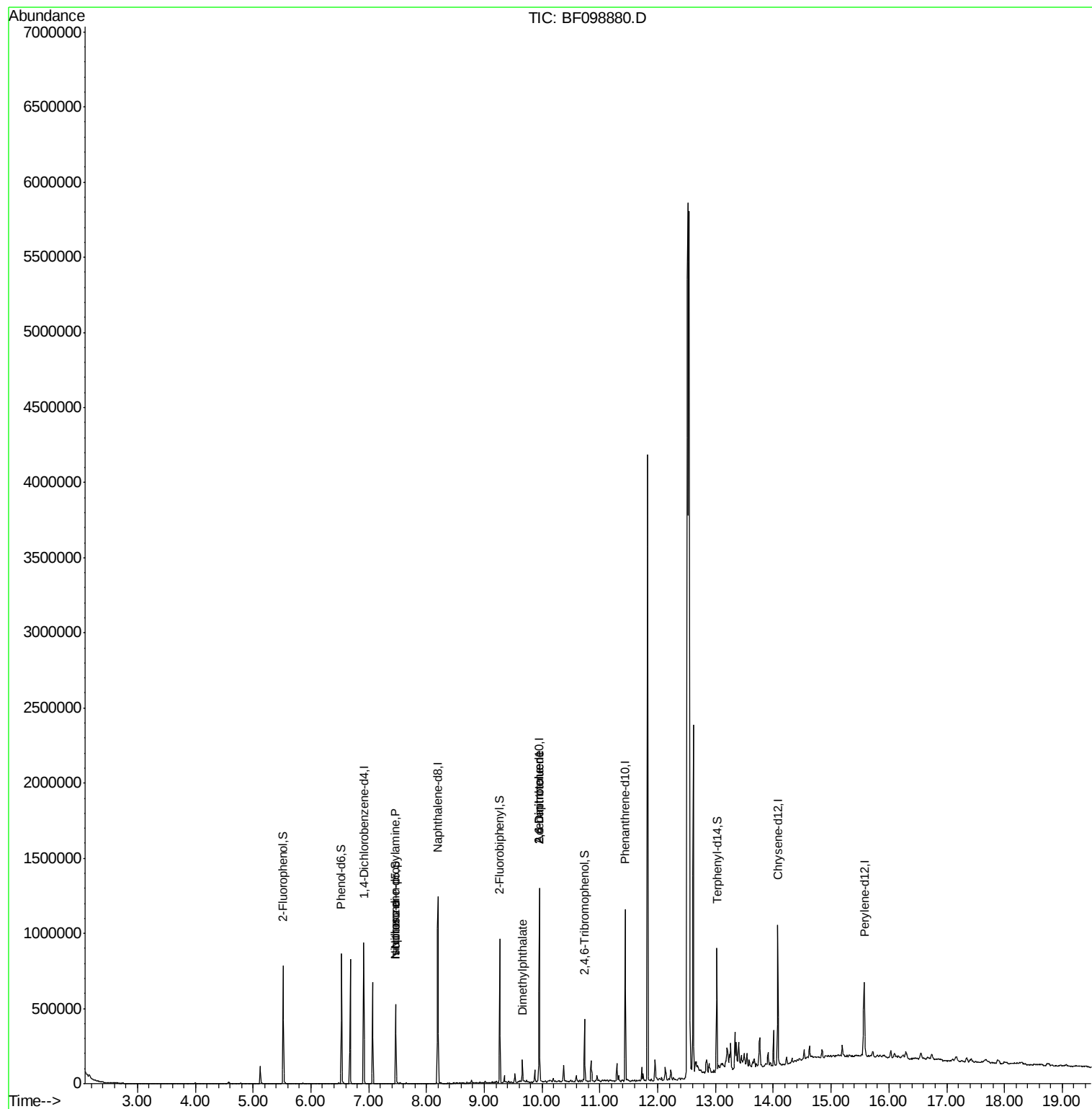
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128790	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	525138	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	226176	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	359274	20.00	ng	0.00
75) Chrysene-d12	14.08	240	292199	20.00	ng	0.00
86) Perylene-d12	15.57	264	219091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	196211	24.25	ng	-0.02
7) Phenol-d6	6.53	99	241473	24.19	ng	-0.02
23) Nitrobenzene-d5	7.47	82	140658	17.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	39627	21.41	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	274085	20.23	ng	-0.01
78) Terphenyl-d14	13.02	244	206114	16.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	18443	2.89	ng	# 83
25) Isophorone	7.47	82	140413	8.29	ng	# 64
49) Dimethylphthalate	9.66	163	46508	2.72	ng	100
50) 2,6-Dinitrotoluene	9.95	165	29242	7.87	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	29242	6.06	ng	# 23

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

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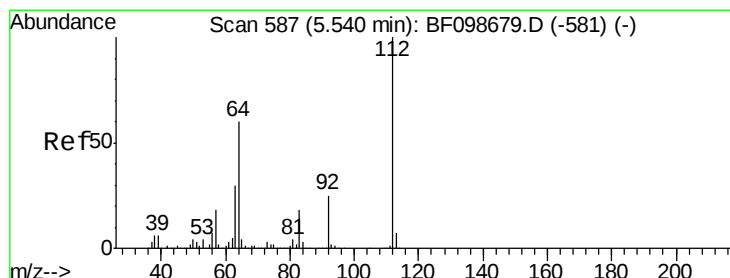
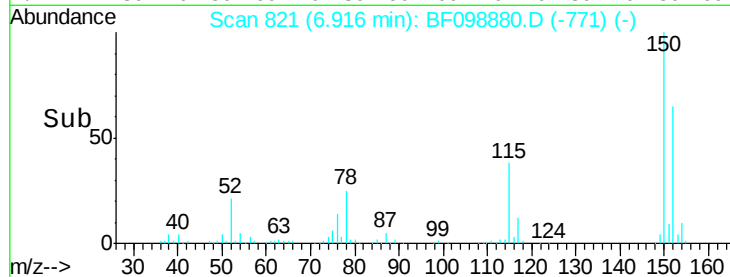
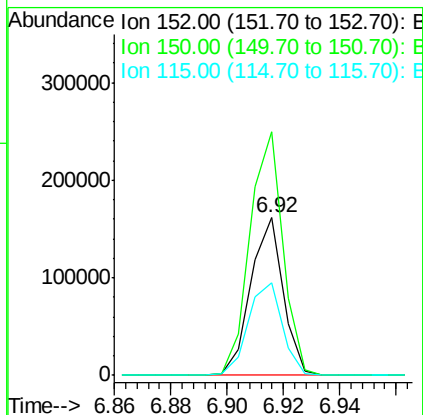
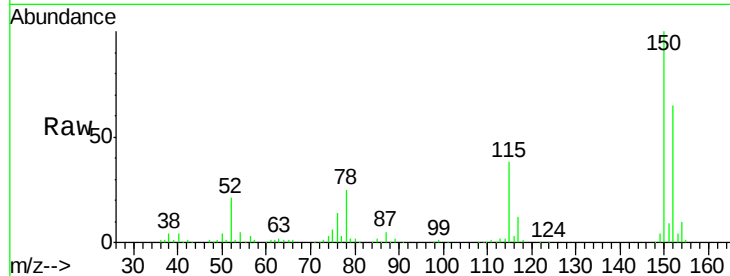


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098880.D
Acq: 27 Sep 2017 23:24

Instrument :
BNA_F
ClientSampleId :

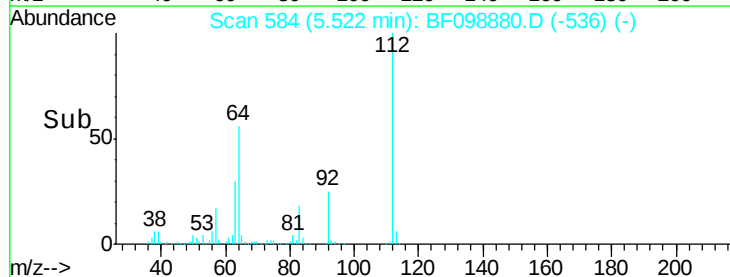
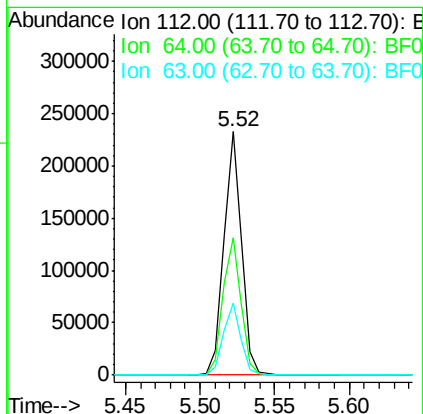
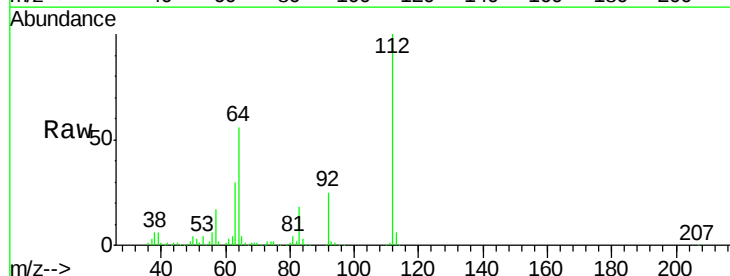
Tot Ion:152 Resp: 128790
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 58.9 50.1 75.1

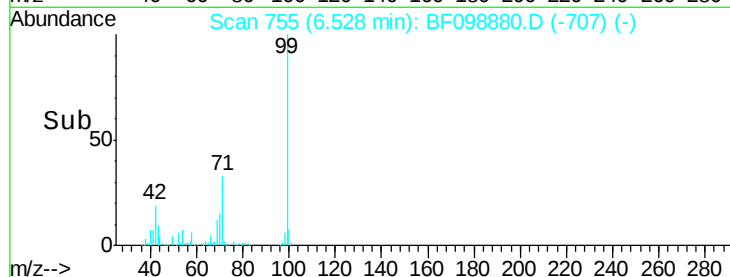
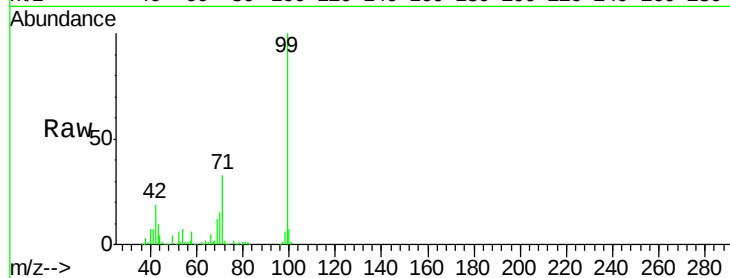
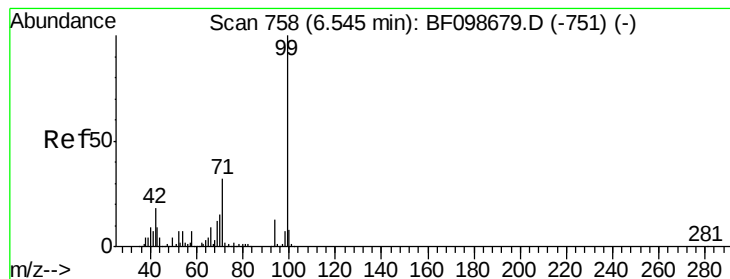


#5

2-Fluorophenol
Concen: 24.25 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098880.D
Acq: 27 Sep 2017 23:24

Tgt Ion:112 Resp: 196211
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 24.19 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Instrument :

BNA_F

ClientSampleId :

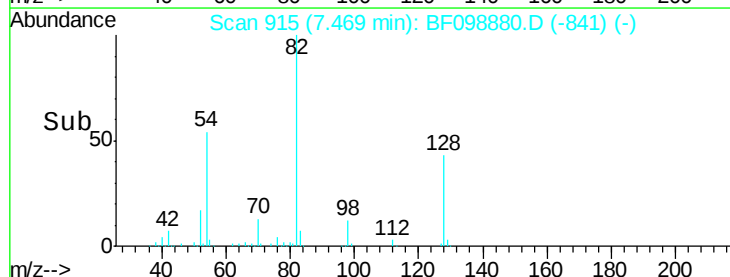
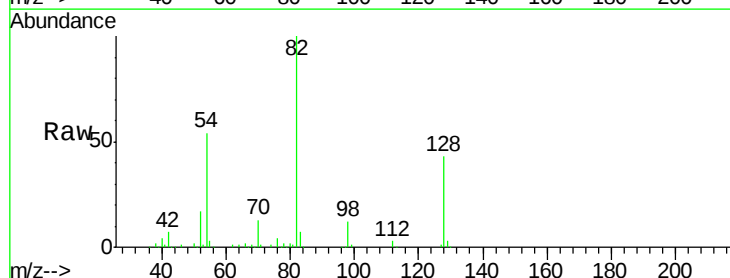
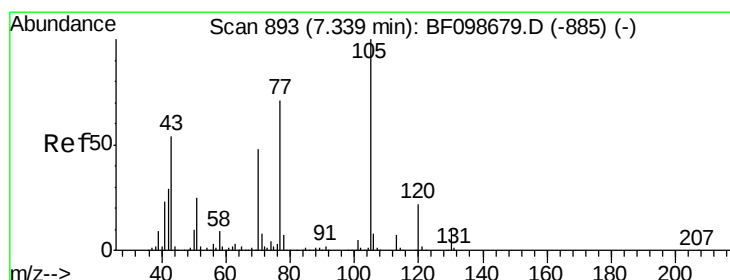
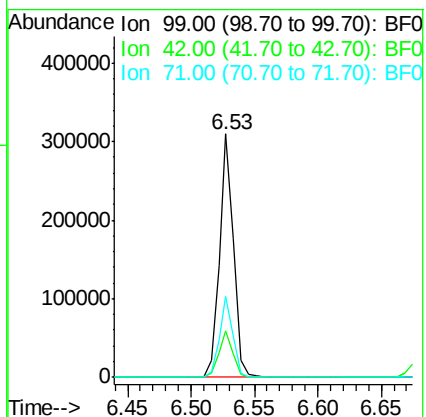
Tot Ion: 99 Resp: 241473

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.89 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Tgt Ion: 70 Resp: 18443

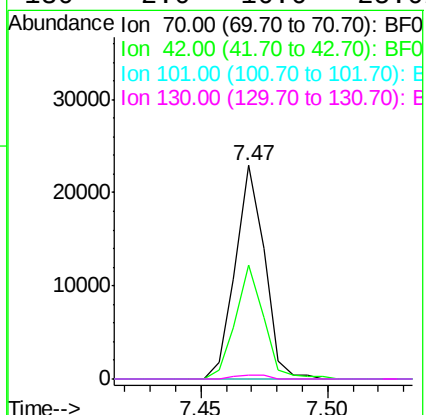
Ion Ratio Lower Upper

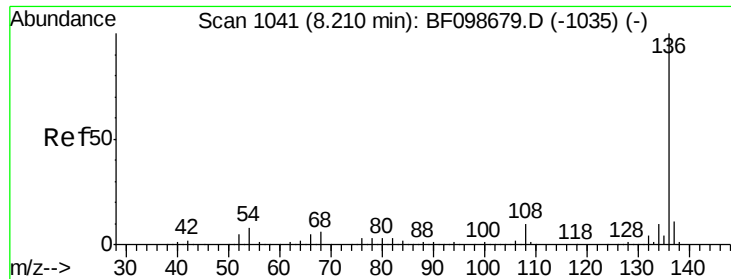
70 100

42 53.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

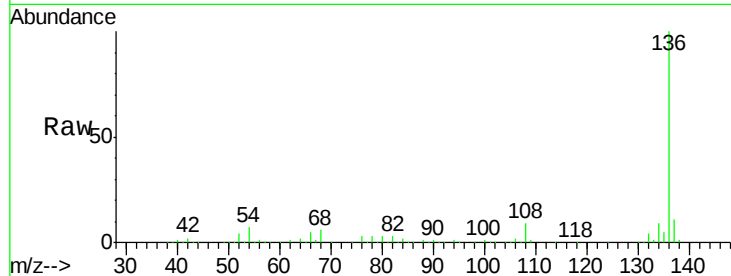




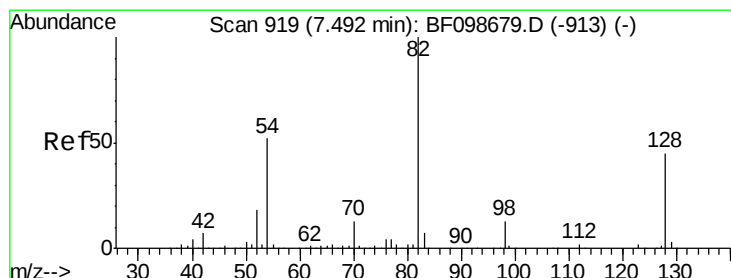
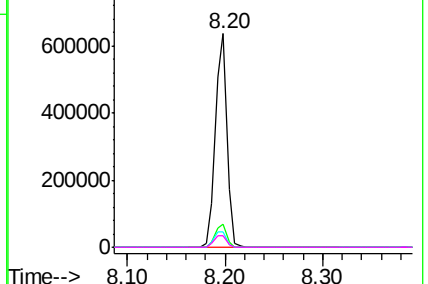
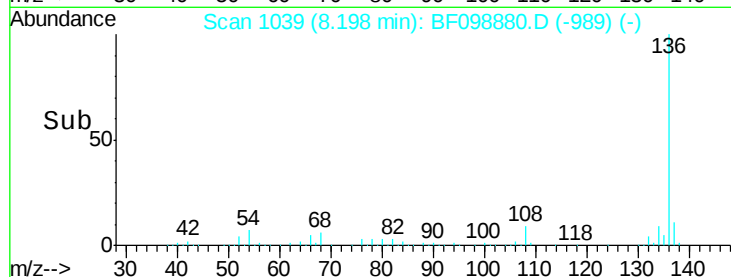
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098880.D
Acq: 27 Sep 2017 23:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	525138
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.2	6.6 9.8
68	5.6	5.0 7.4

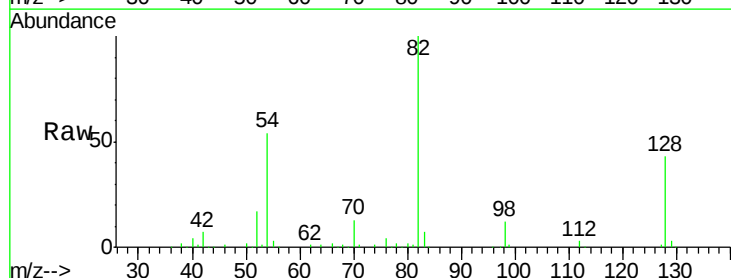


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

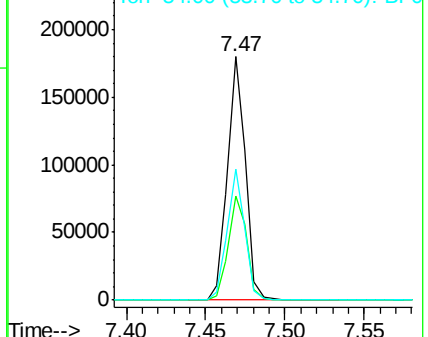
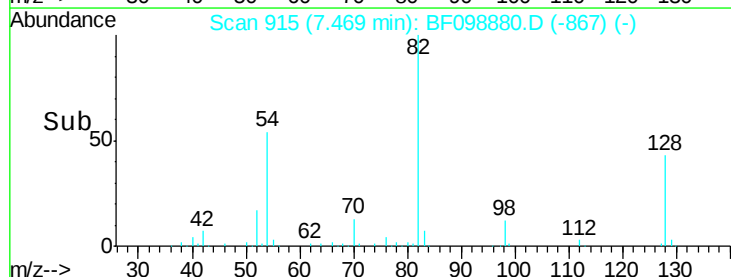


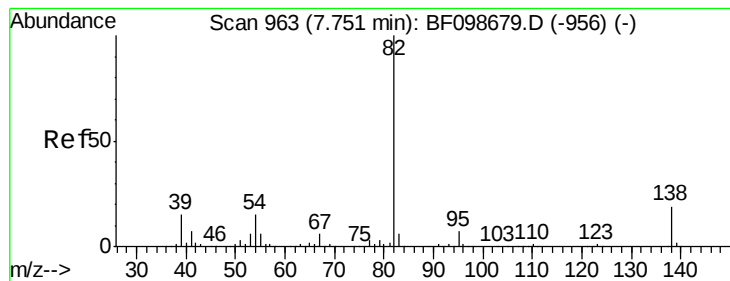
#23
Nitrobenzene-d5
Concen: 17.18 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098880.D
Acq: 27 Sep 2017 23:24

Tgt Ion: 82	Resp:	140658
Ion	Ratio	Lower Upper
82	100	
128	42.5	36.1 54.1
54	53.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.29 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Instrument :

BNA_F

ClientSampled :

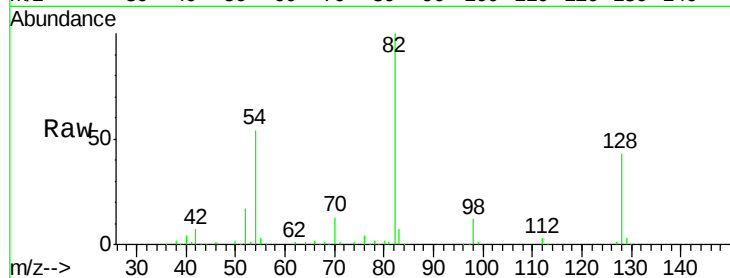
Tot Ion: 82 Resp: 140413

Ion Ratio Lower Upper

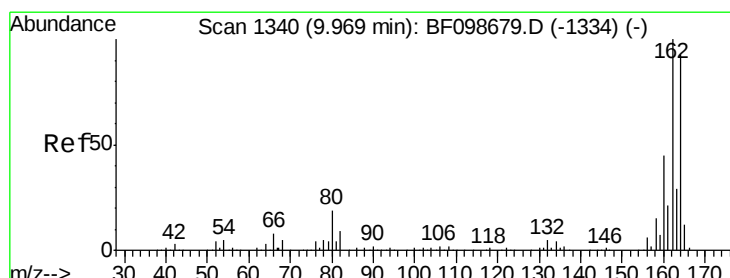
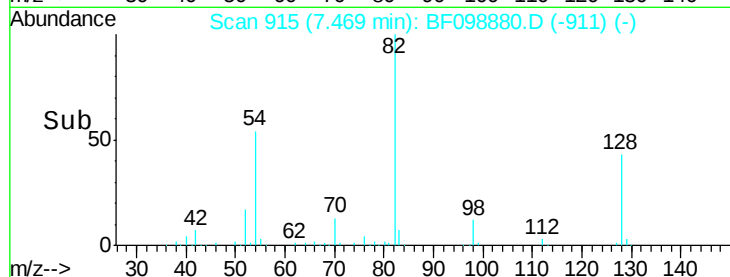
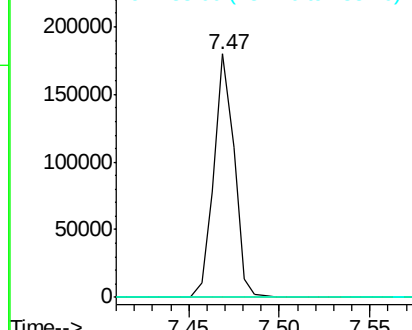
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

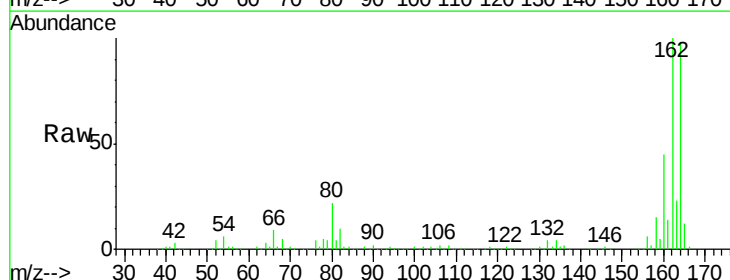
Tgt Ion: 164 Resp: 226176

Ion Ratio Lower Upper

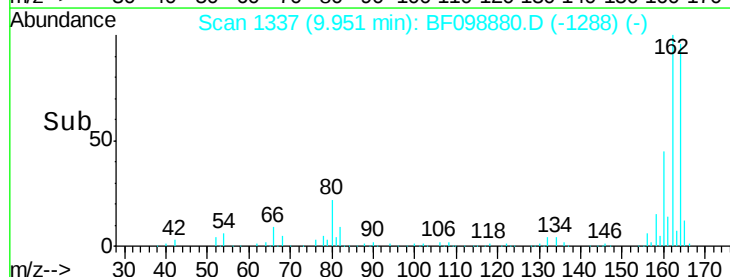
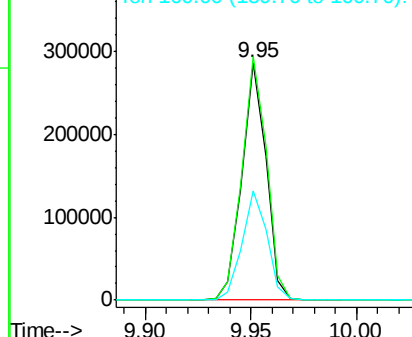
164 100

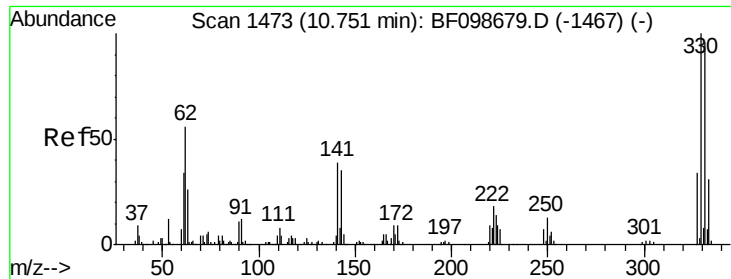
162 102.4 86.1 129.1

160 45.7 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

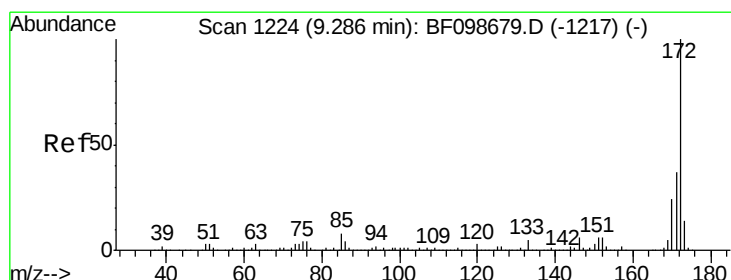
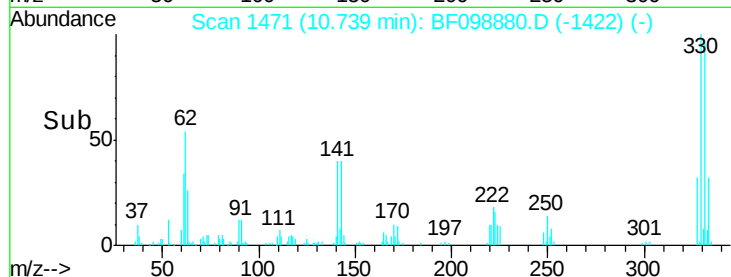
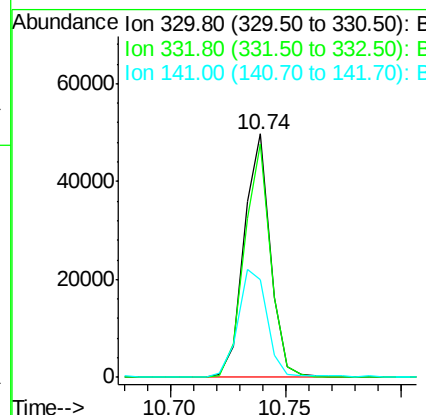
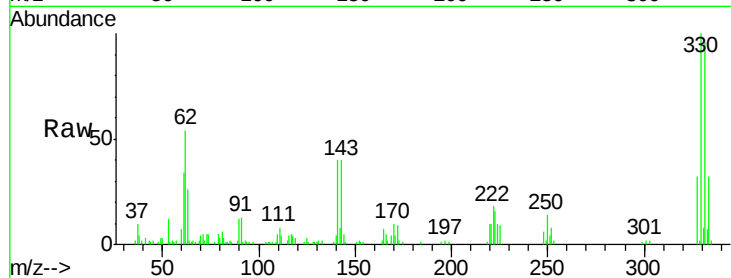




#41
 2,4,6-Tribromophenol
 Concen: 21.41 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

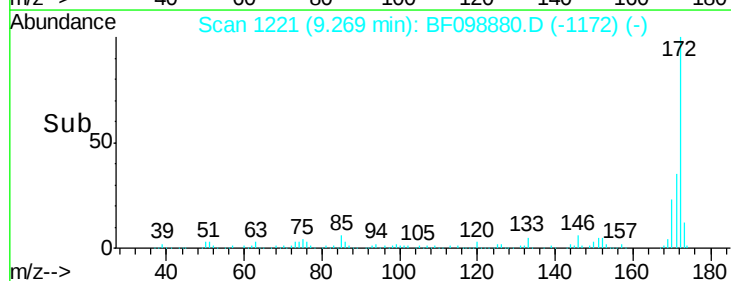
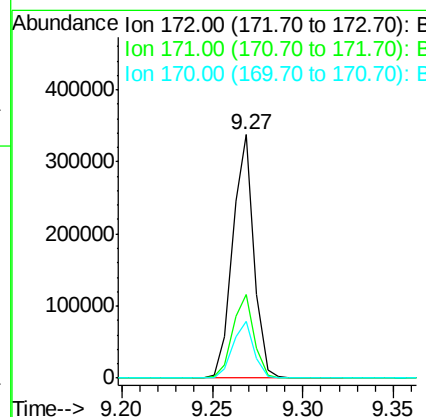
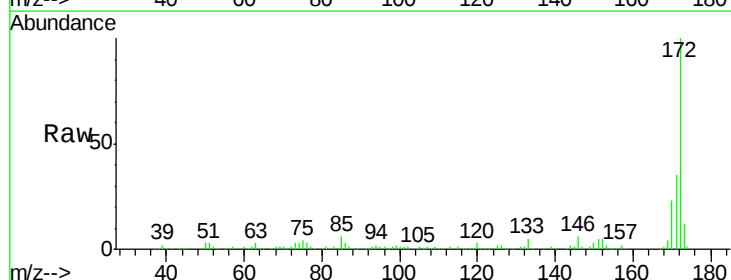
Instrument :
 BNA_F
 ClientSampleId :

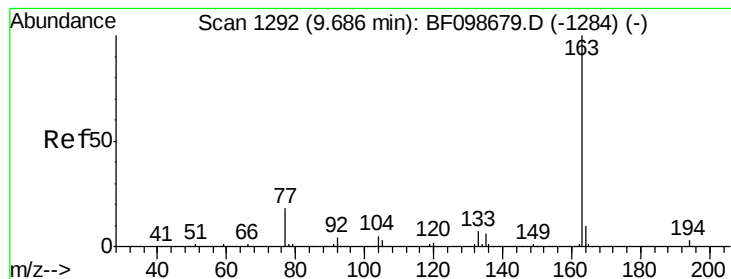
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	50.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 20.23 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.4	19.6	29.4





#49

Dimethylphthalate

Concen: 2.72 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Instrument :

BNA_F

ClientSampleId :

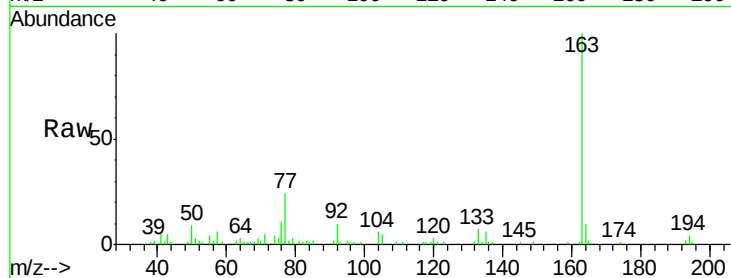
Tot Ion:163 Resp: 46508

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

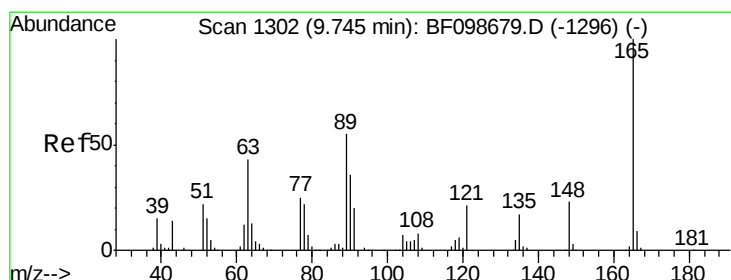
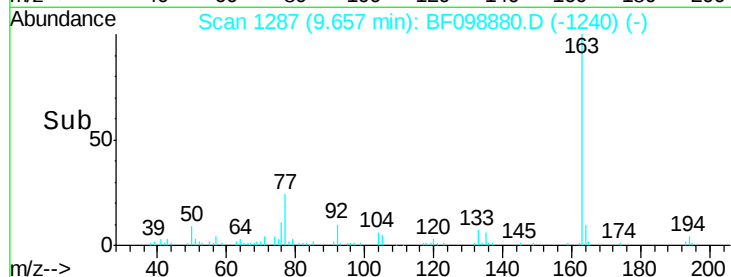
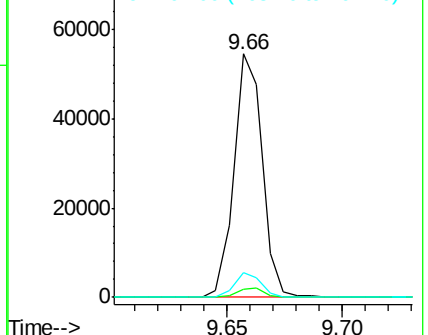
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.87 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

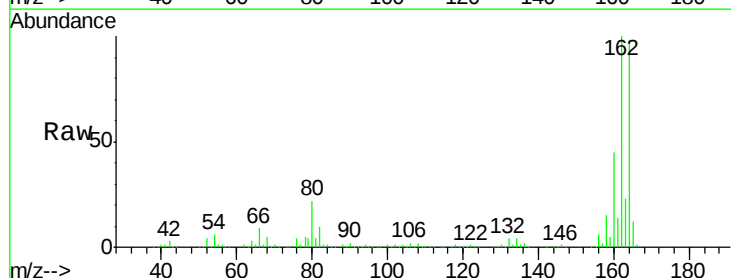
Tgt Ion:165 Resp: 29242

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

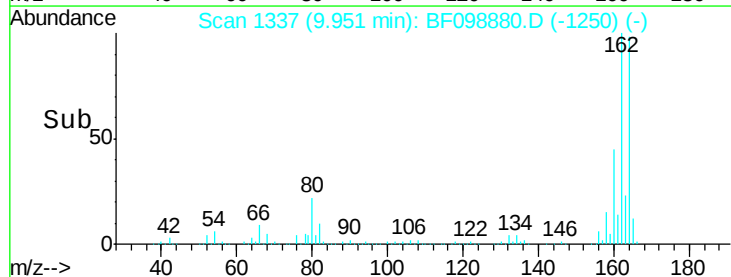
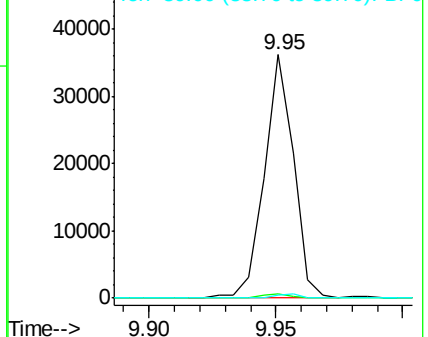
89 1.4 44.0 66.0#

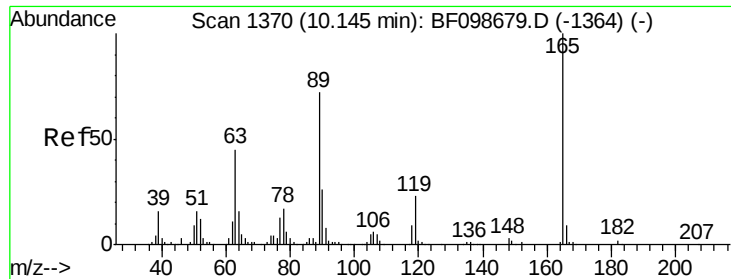


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

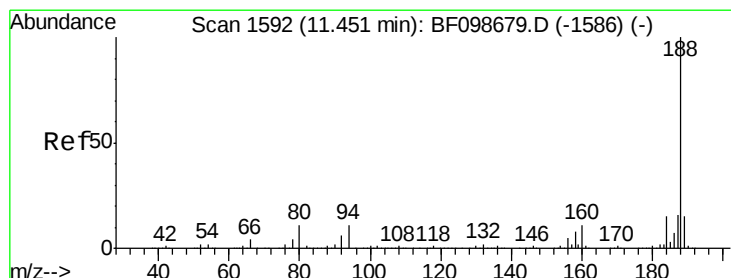
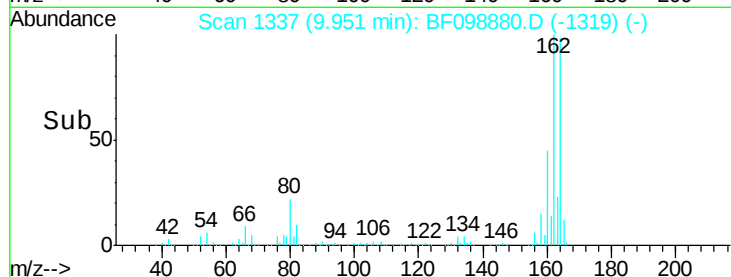
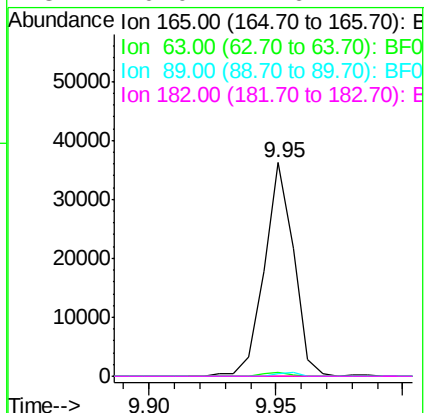
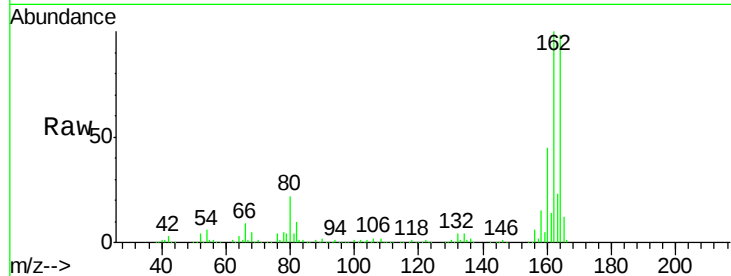




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

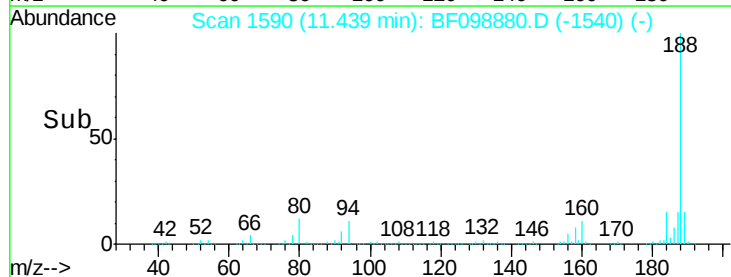
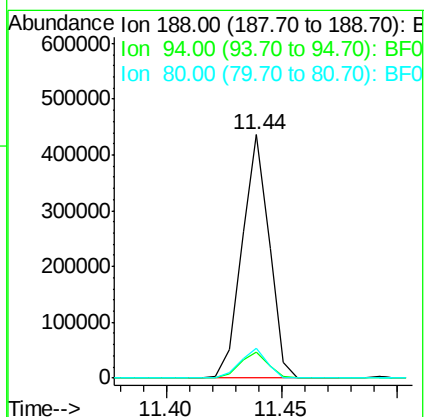
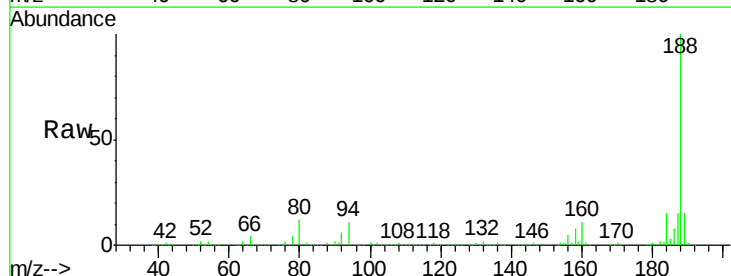
Instrument :
 BNA_F
 ClientSampled :

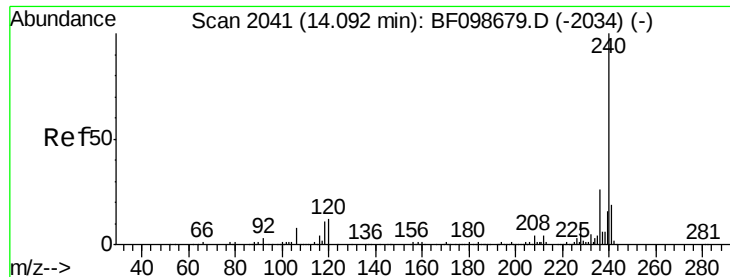
Tot Ion:165 Resp: 29242
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

Tgt Ion:188 Resp: 359274
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Instrument :

BNA_F

ClientSampleId :

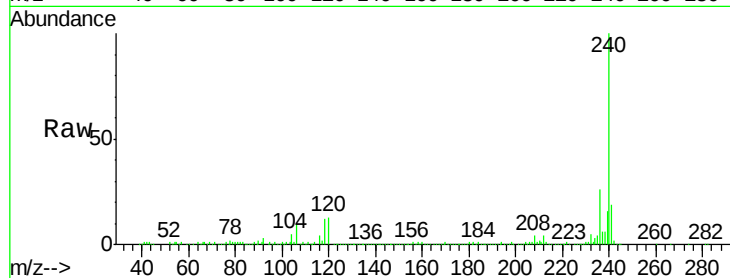
Tot Ion:240 Resp: 292199

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

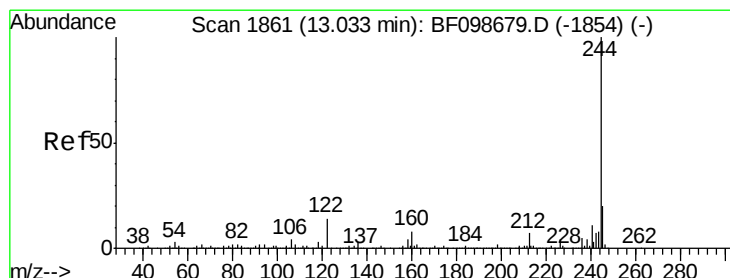
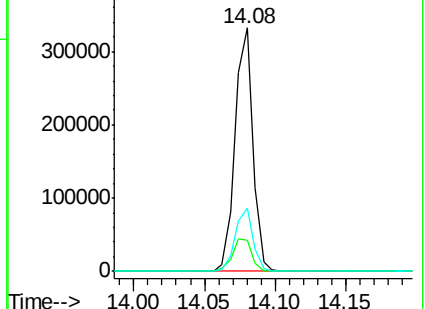
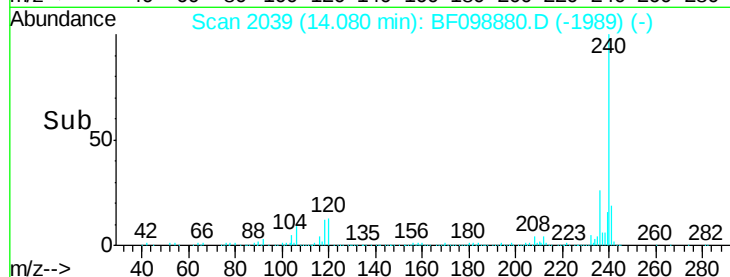
236 26.1 20.7 31.1



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: 16.04 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

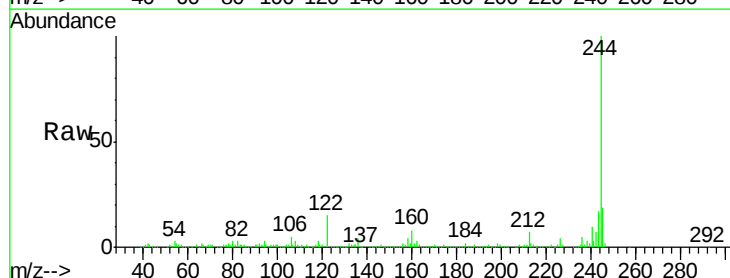
Tgt Ion:244 Resp: 206114

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

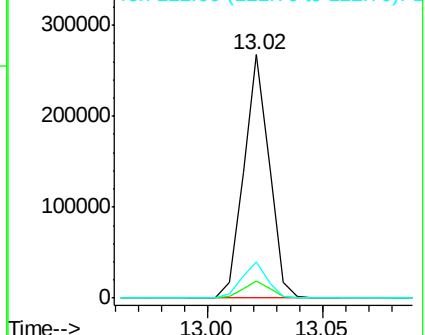
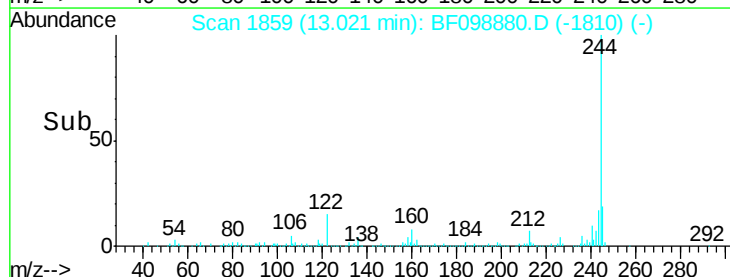
122 14.8 11.0 16.4

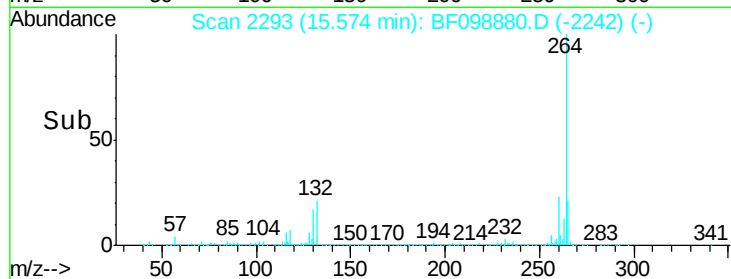
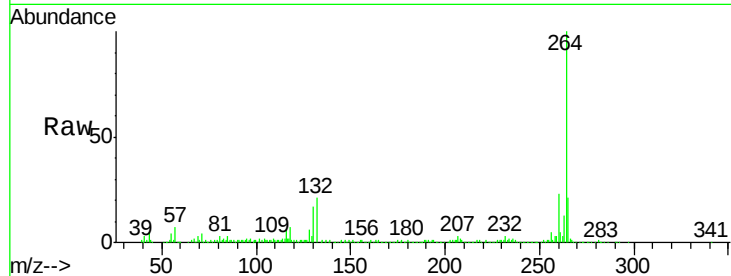
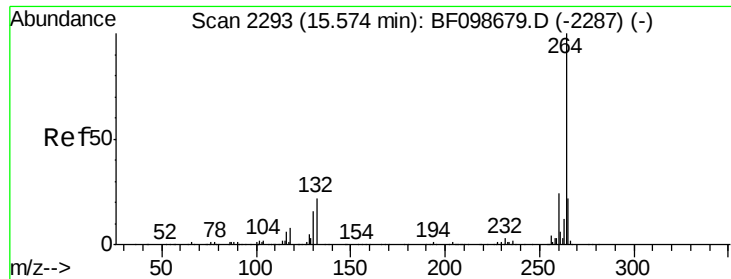


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098880.D
Acq: 27 Sep 2017 23:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

