

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098880.D
 Acq On : 27 Sep 2017 23:24
 Operator : SJ/JU
 Sample : I5445-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-A

Quant Time: Sep 28 05:45:01 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

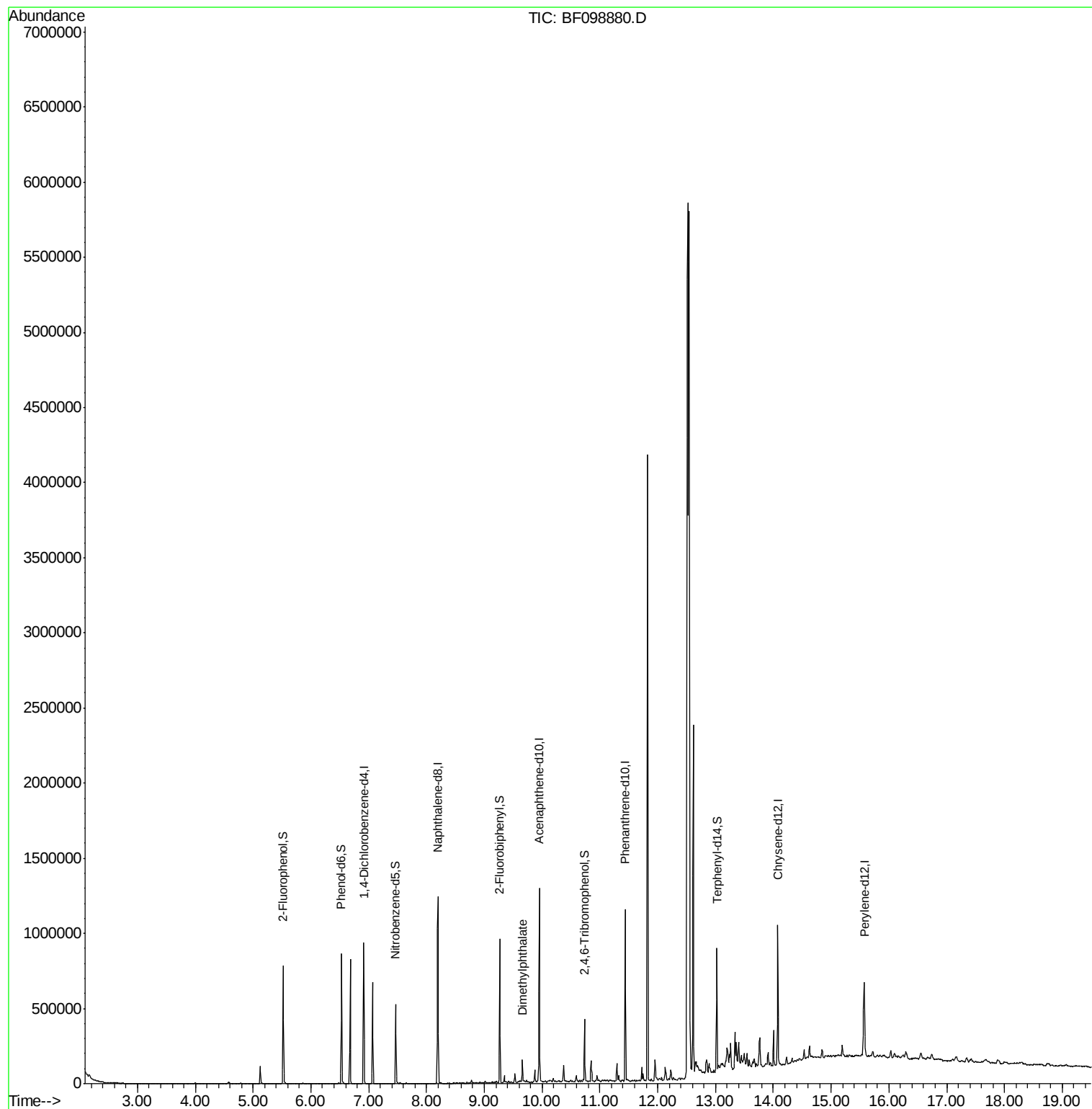
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128790	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	525138	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	226176	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	359274	20.00	ng	0.00
75) Chrysene-d12	14.08	240	292199	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						
49) Dimethylphthalate	9.66	163	46508	2.724	ng	Qvalue 100

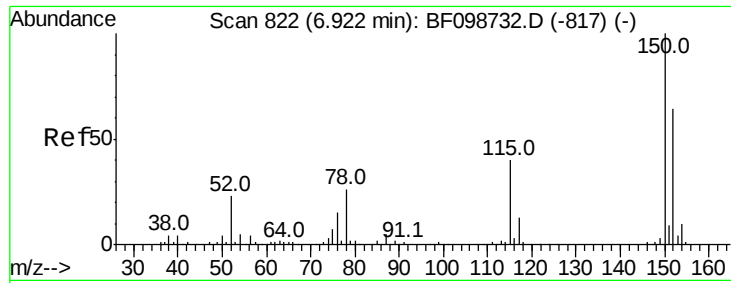
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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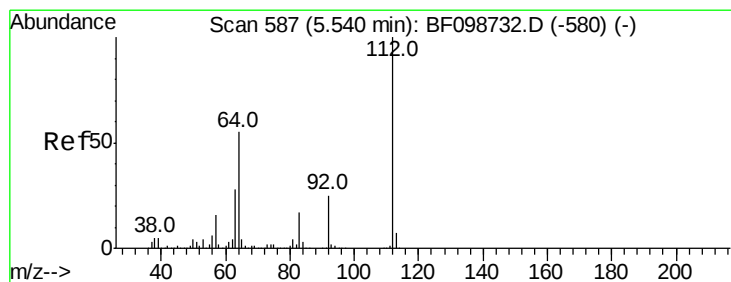
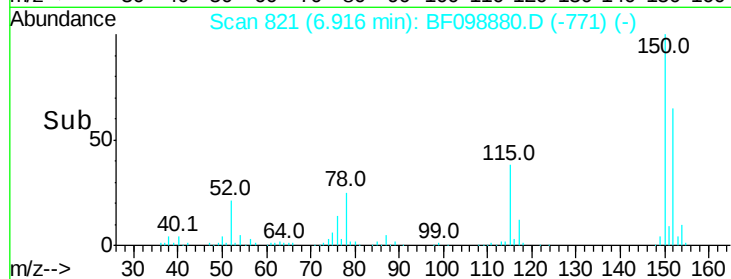
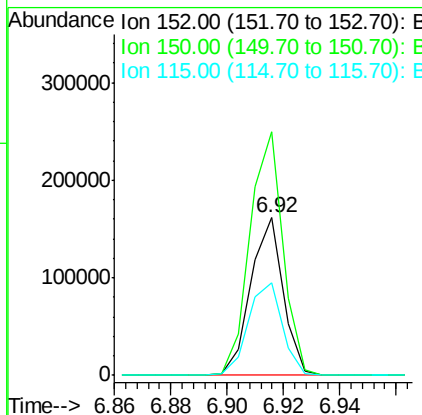
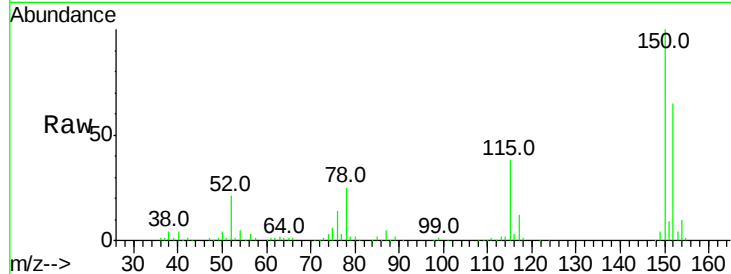


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-A

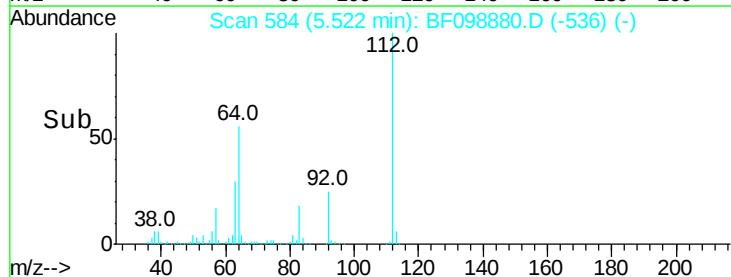
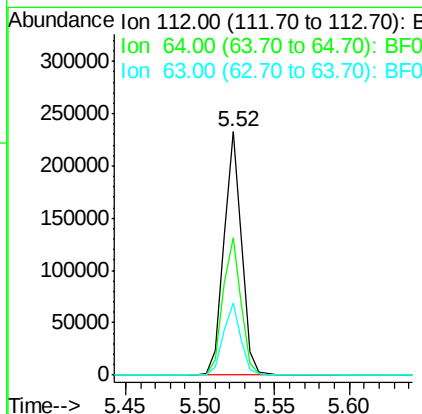
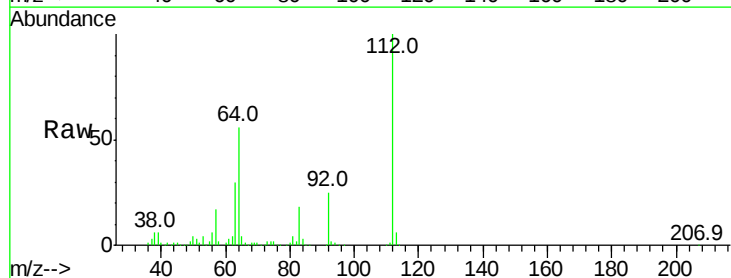
Tot Ion:152 Resp: 128790
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 58.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 24.253 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: 24.195 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 :

AU-05-092617-A

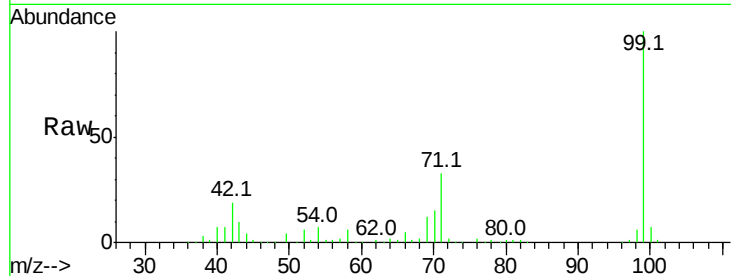
Tot Ion: 99 Resp: 241473

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

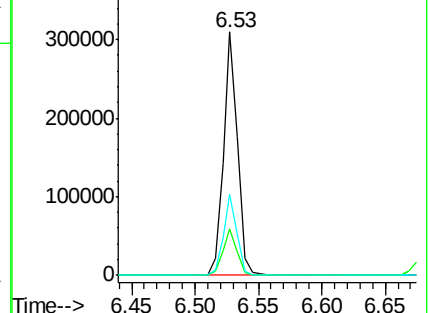
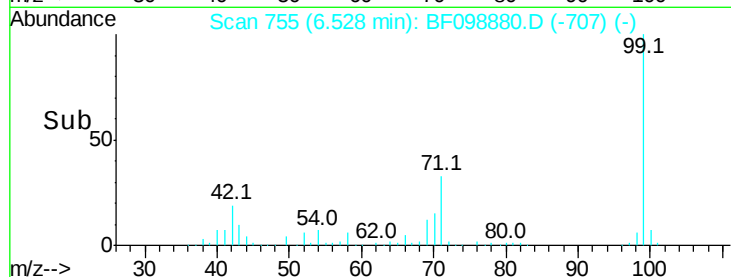
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Tgt Ion: 136 Resp: 525138

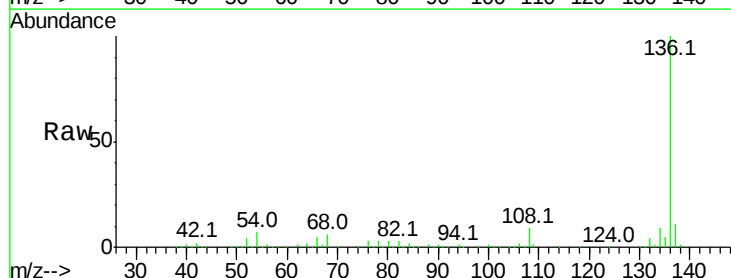
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

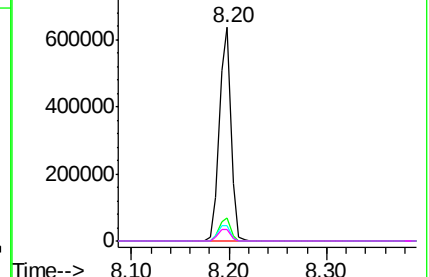
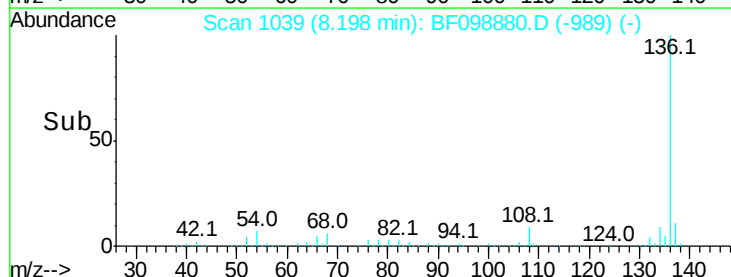


Abundance Ion 136.00 (135.70 to 136.70): E

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

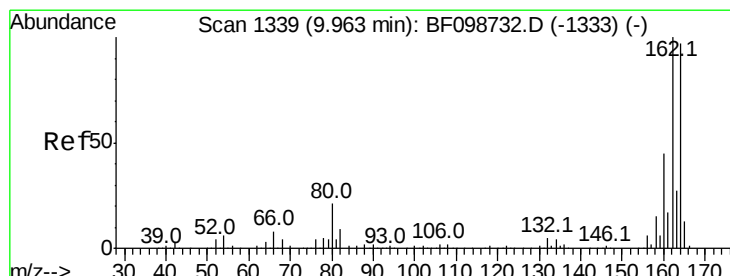
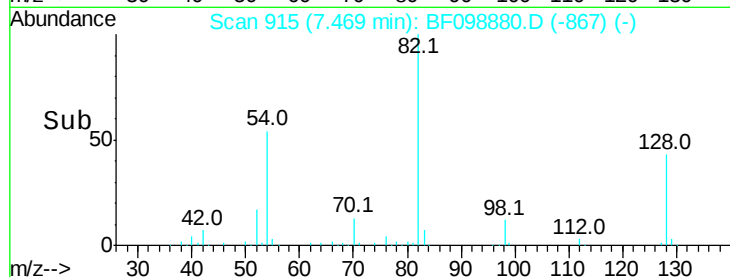
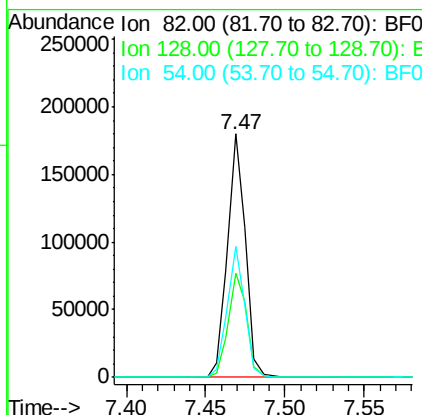
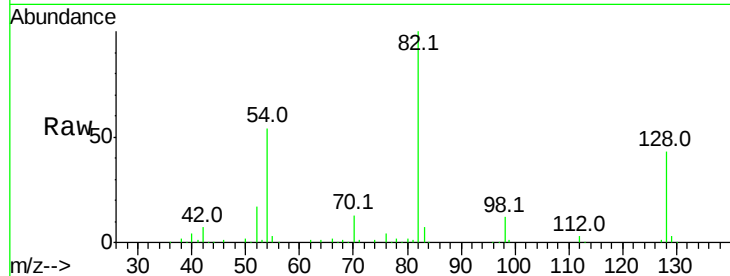




#23
 Nitrobenzene-d5
 Concen: 17.177 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

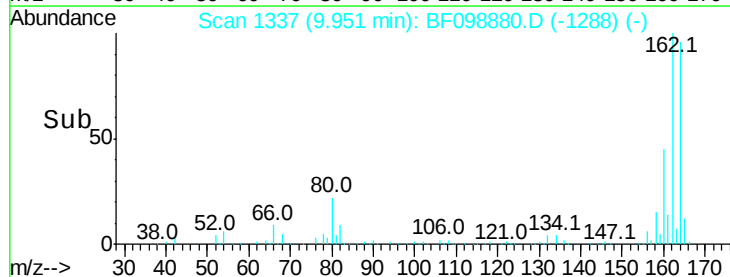
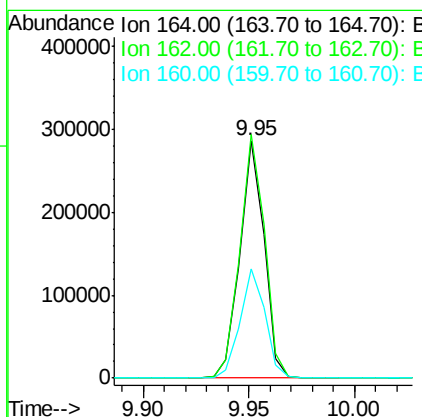
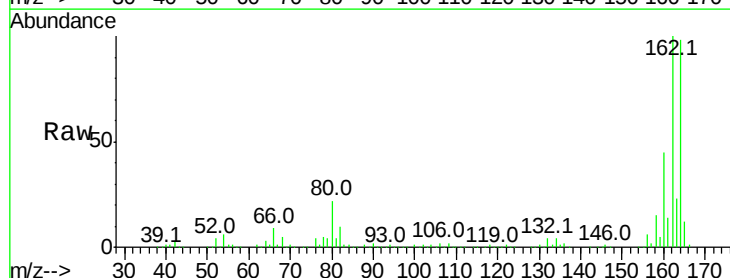
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-A

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



#38
 Acenaphthene-d10
 Concen: 20.000 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

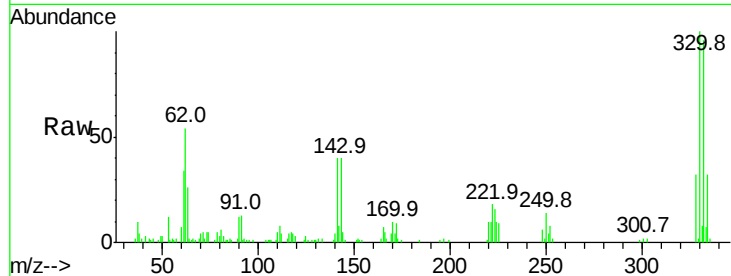




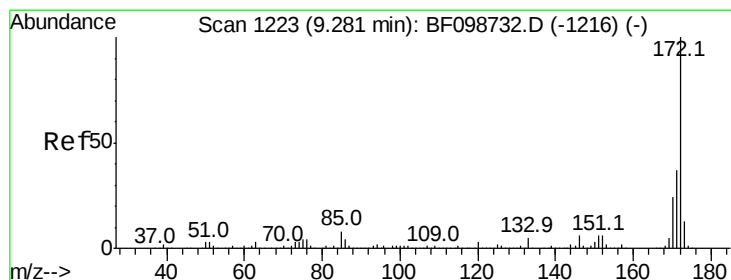
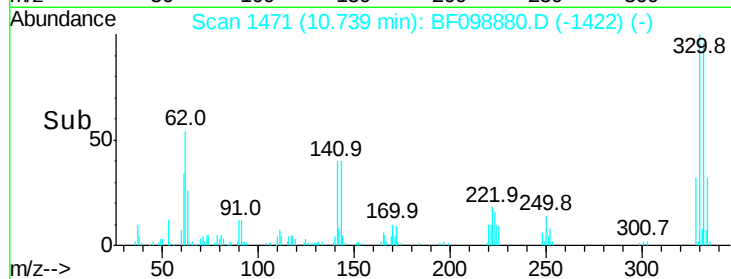
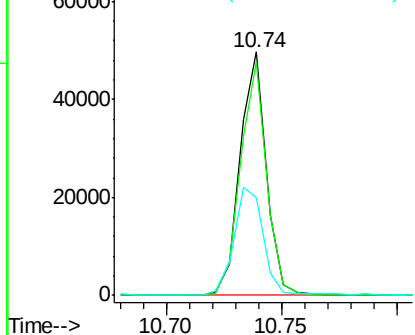
#41
 2,4,6-Tribromophenol
 Concen: 21.412 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-A

Tot Ion:330 Resp: 39627
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 50.6 29.9 44.9#

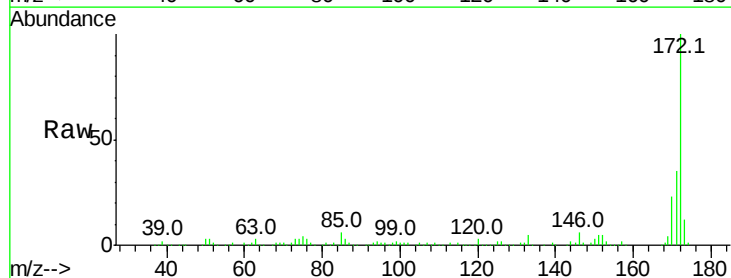


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

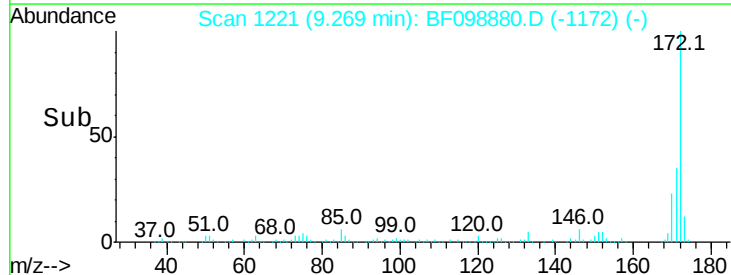
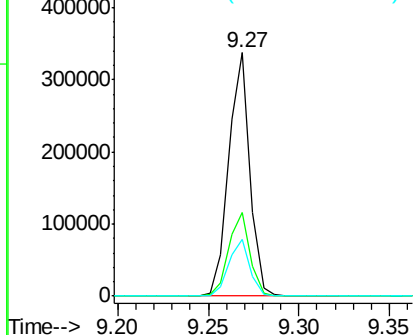


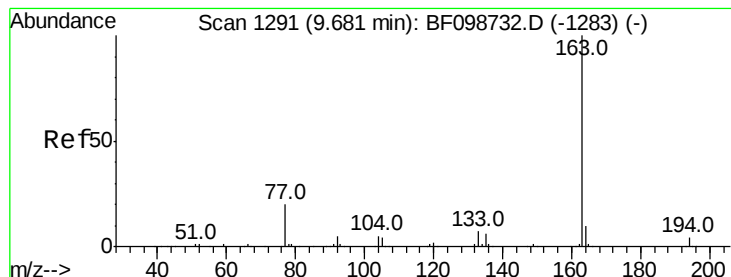
#44
 2-Fluorobiphenyl
 Concen: 20.230 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098880.D
 Acq: 27 Sep 2017 23:24

Tgt Ion:172 Resp: 274085
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.4 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: 2.724 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 :

AU-05-092617-A

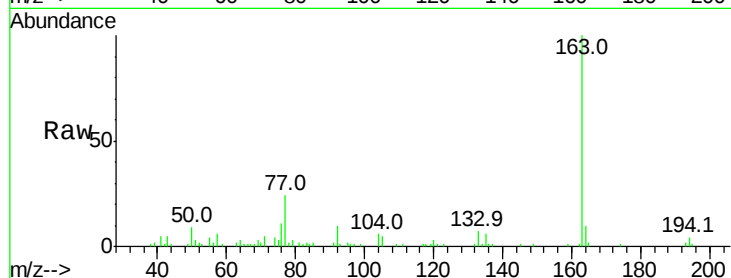
Tot Ion:163 Resp: 46508

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

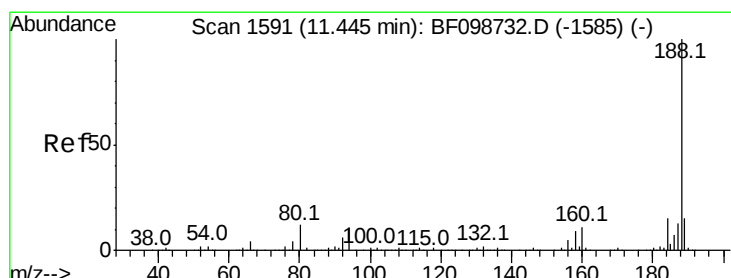
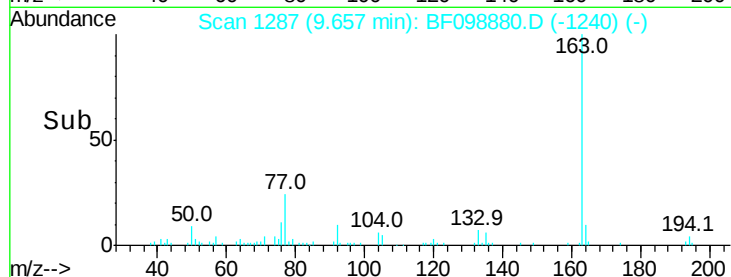
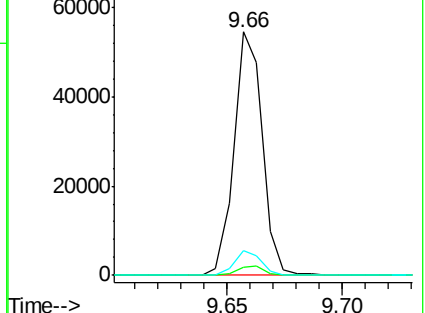
164 10.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

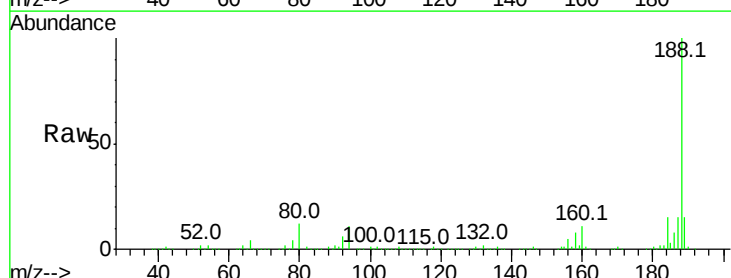
Tgt Ion:188 Resp: 359274

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

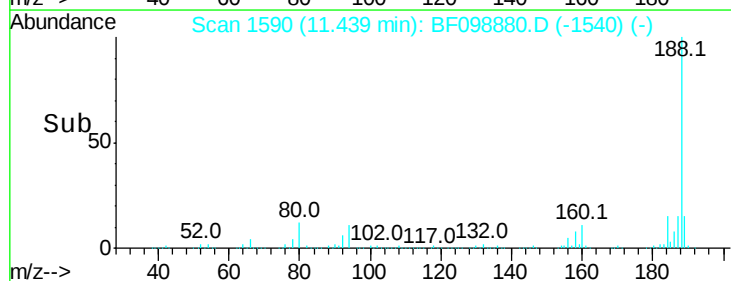
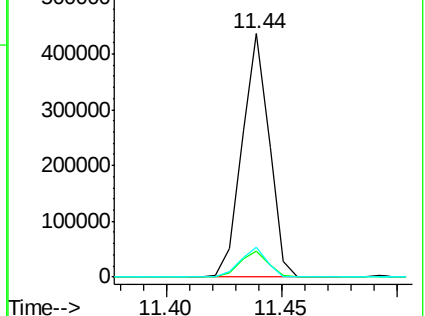
80 12.1 9.2 13.8

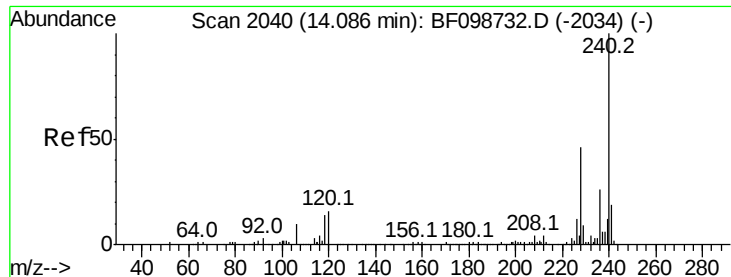


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

Instrument :

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AU-05-092617-A

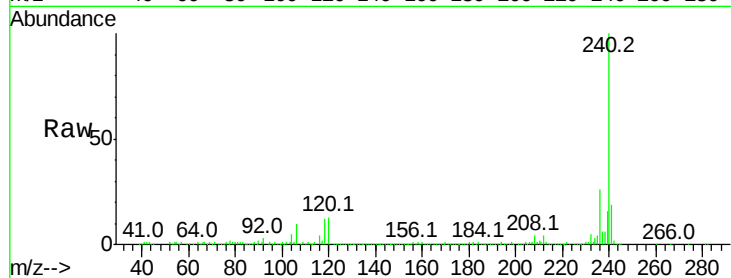
Tot Ion:240 Resp: 292199

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

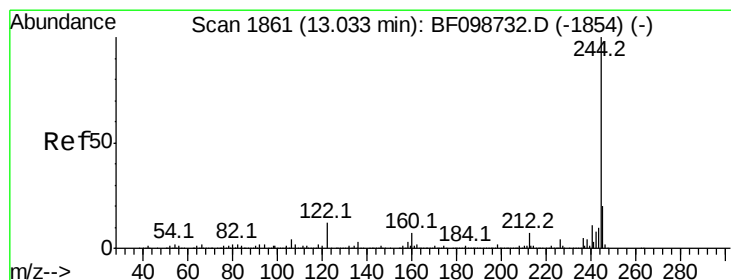
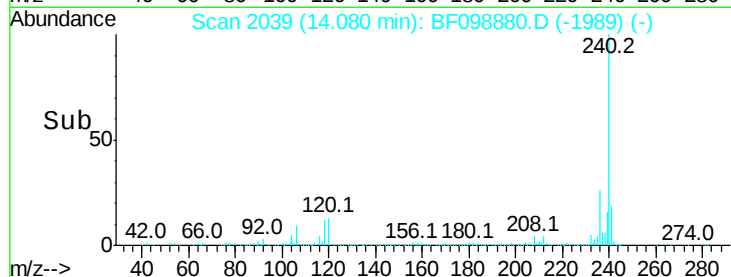
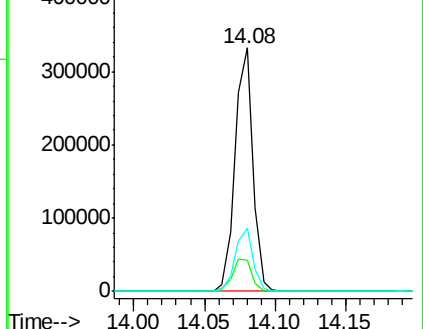
236 26.1 20.7 31.1



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: 16.042 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098880.D

Acq: 27 Sep 2017 23:24

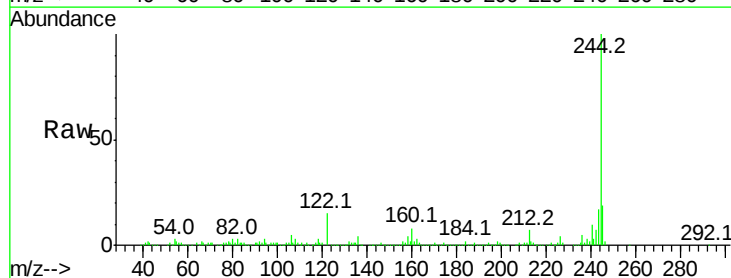
Tgt Ion:244 Resp: 206114

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

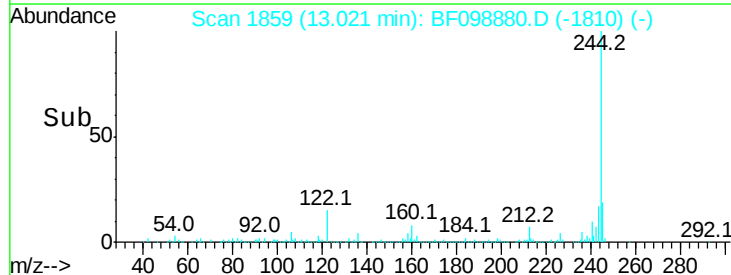
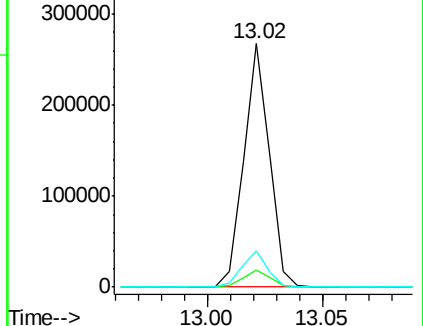
122 14.8 11.0 16.4

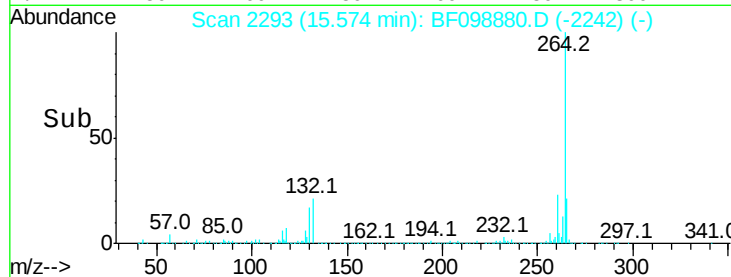
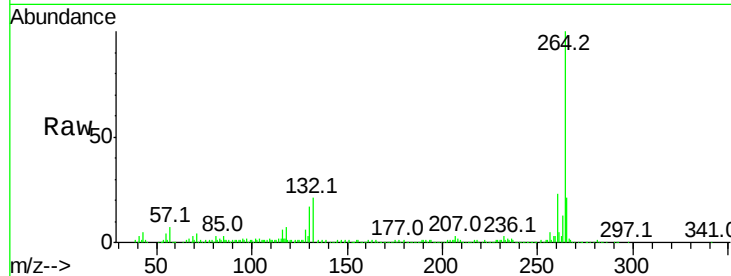
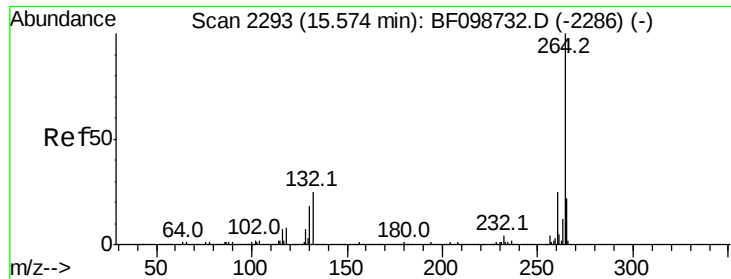


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 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 :

AU-05-092617-A

Tot Ion: 264 Resp: 219091

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 17.5 26.3

