

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098842.D
 Acq On : 26 Sep 2017 19:50
 Operator : SJ/JU
 Sample : I5321-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170530-LOC-6

Quant Time: Sep 27 02:16:16 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

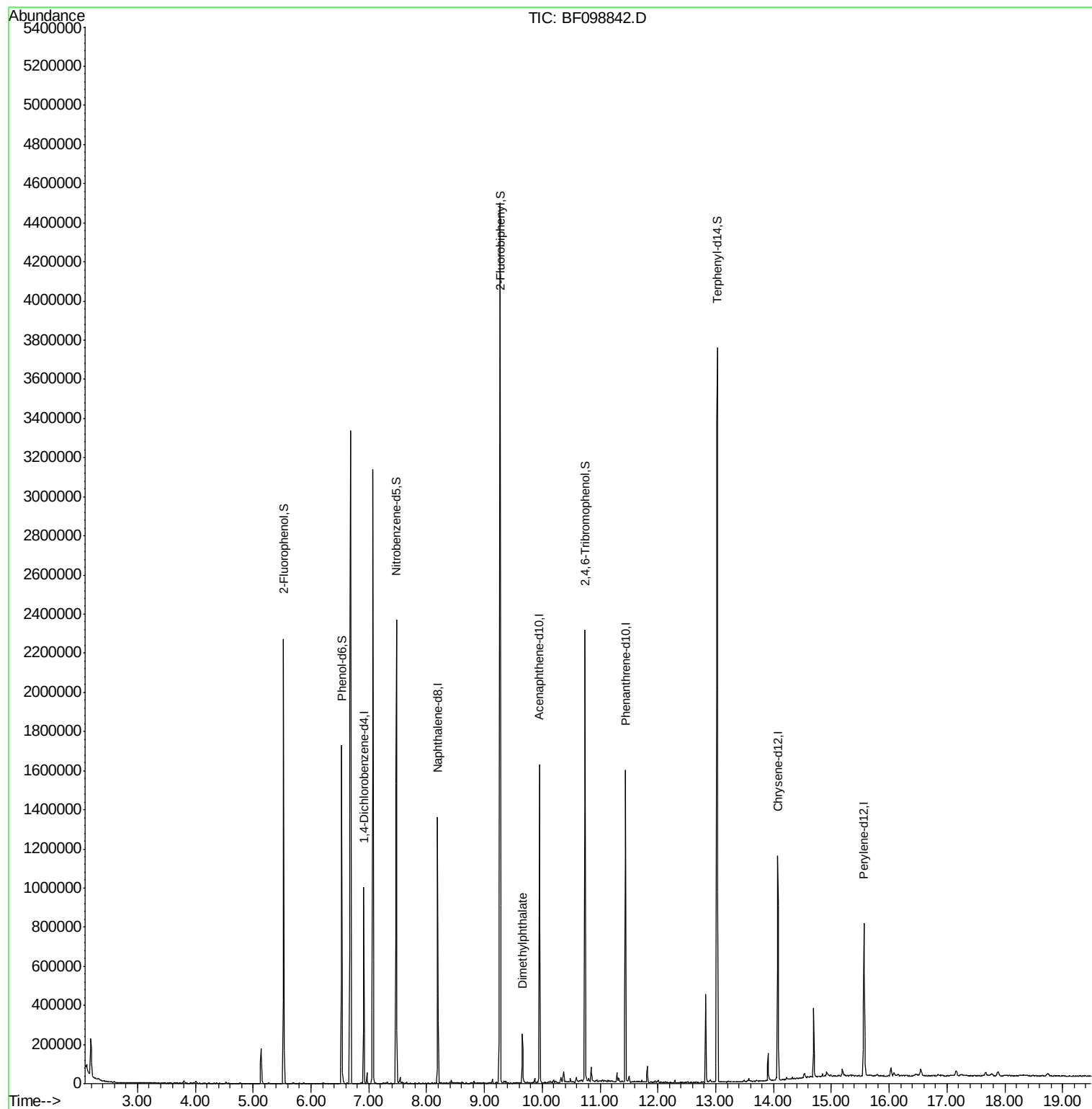
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	152087	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	643884	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	296255	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	508164	20.00	ng	0.00
75) Chrysene-d12	14.07	240	353488	20.00	ng	-0.01
86) Perylene-d12	15.57	264	324564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	626607	65.59	ng	-0.01
7) Phenol-d6	6.53	99	531281	45.08	ng	-0.01
23) Nitrobenzene-d5	7.48	82	911557	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	302125	124.63	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1589336	89.56	ng	0.00
78) Terphenyl-d14	13.03	244	1281246	82.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	89355	3.996	ng	Qvalue 100

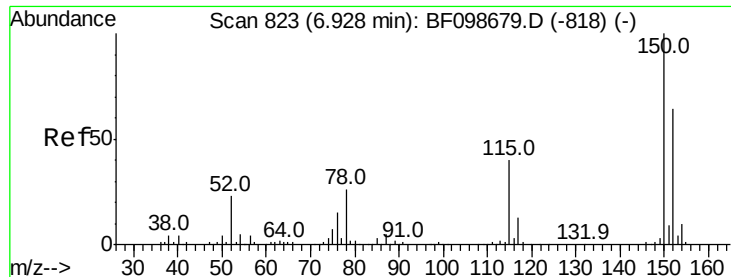
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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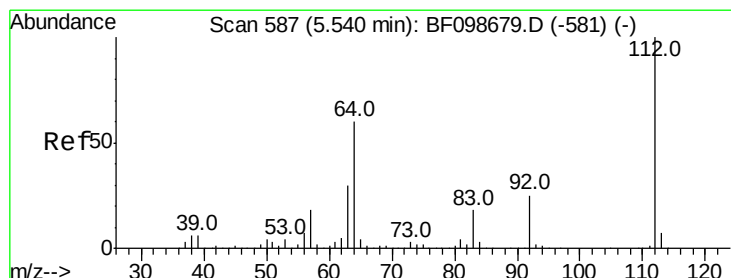
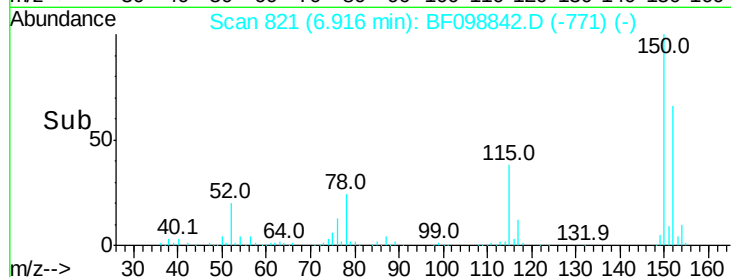
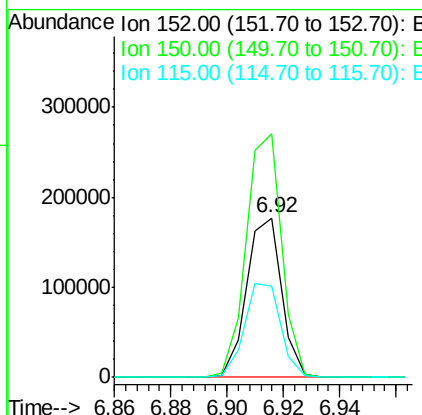
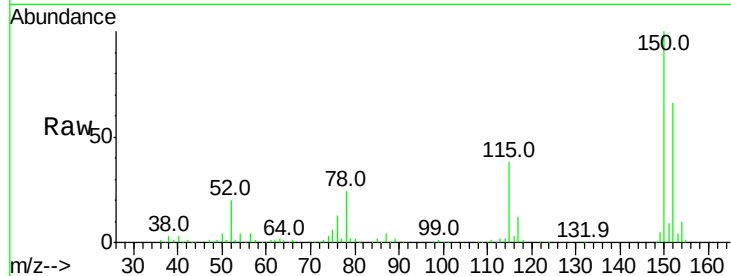


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20170530-LOC-6

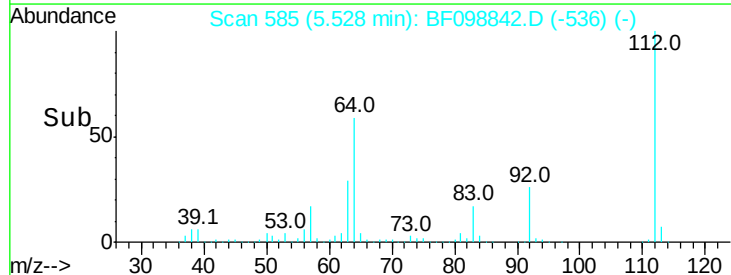
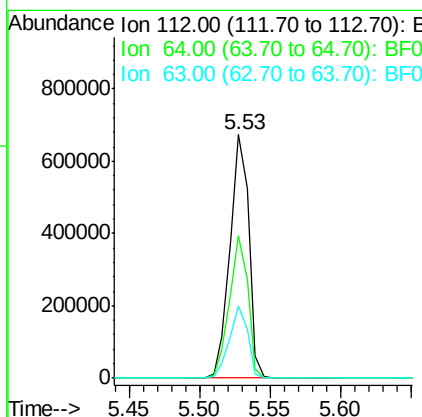
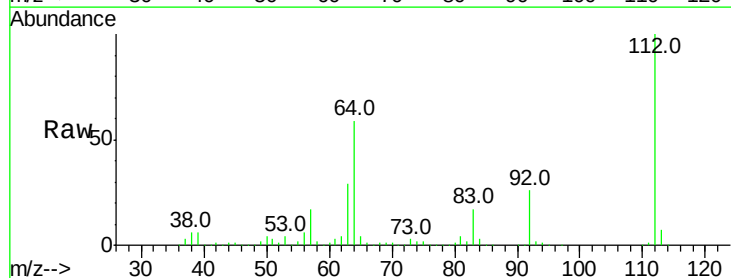
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.3	50.1	75.1

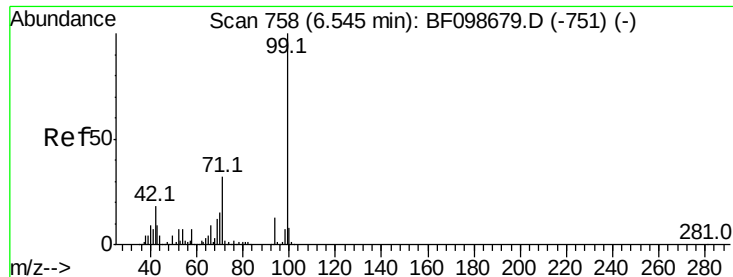


#5

2-Fluorophenol
 Concen: 65.587 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 45.078 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

20170530-LOC-6

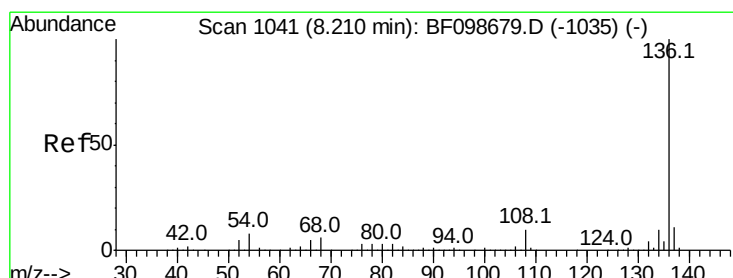
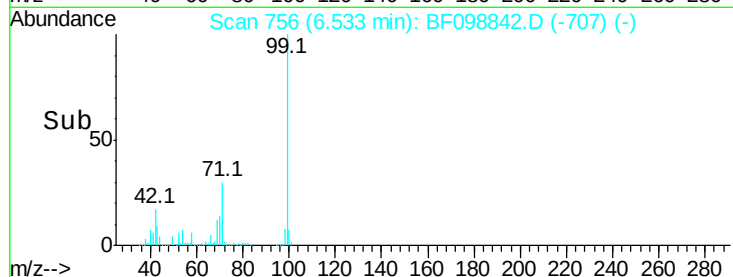
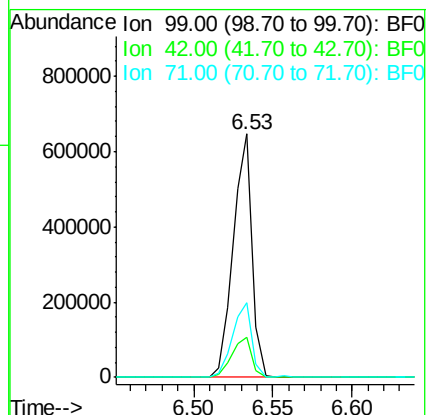
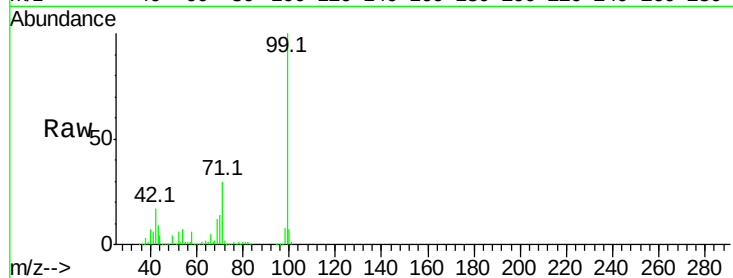
Tot Ion: 99 Resp: 531281

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 30.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Tgt Ion: 136 Resp: 643884

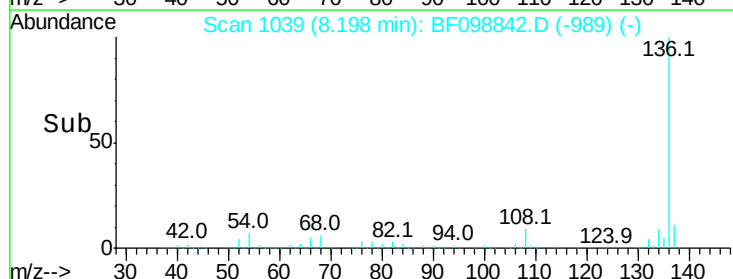
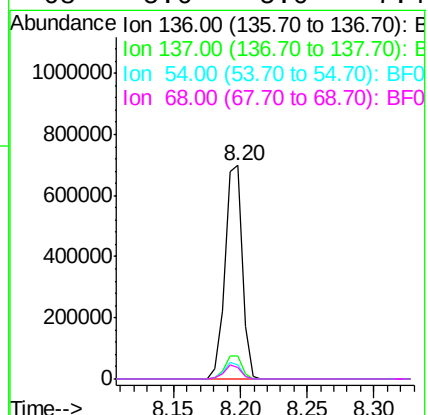
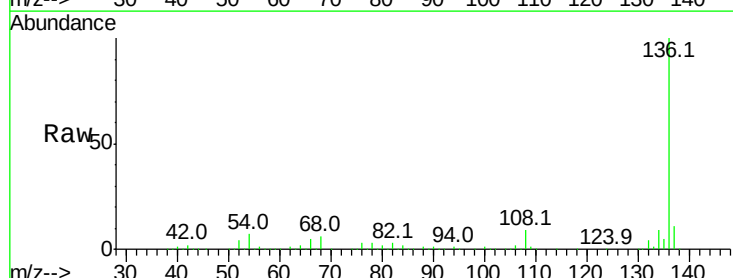
Ion Ratio Lower Upper

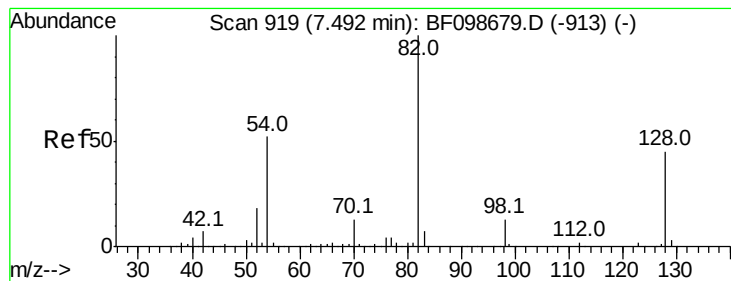
136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.790 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

20170530-LOC-6

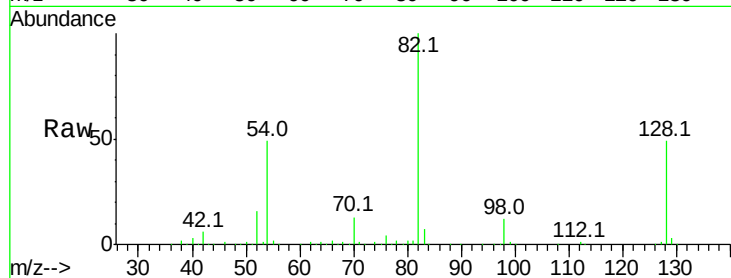
Tot Ion: 82 Resp: 911557

Ion Ratio Lower Upper

82 100

128 49.1 36.1 54.1

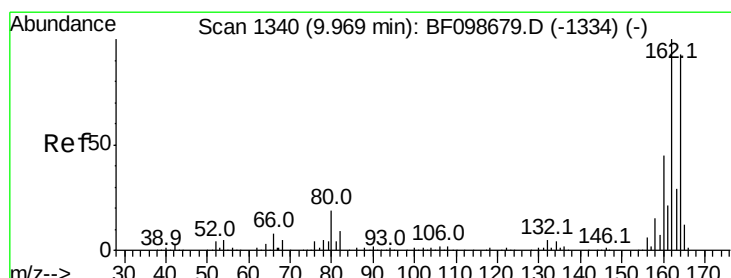
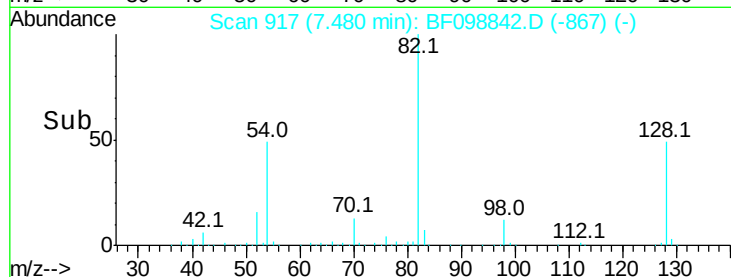
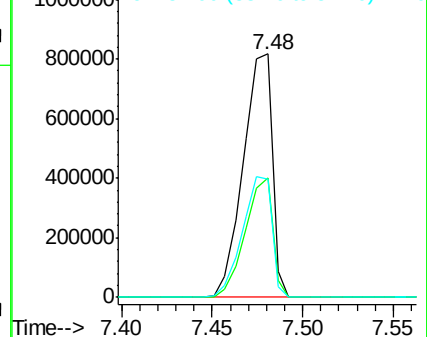
54 48.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

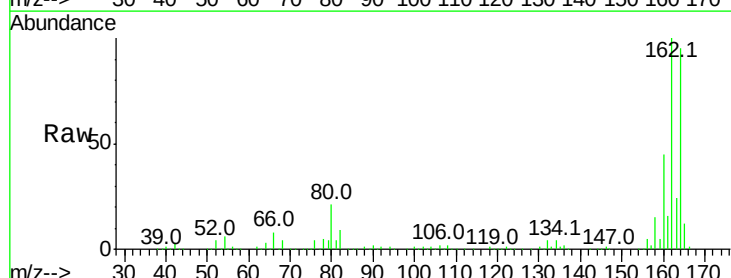
Tgt Ion: 164 Resp: 296255

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

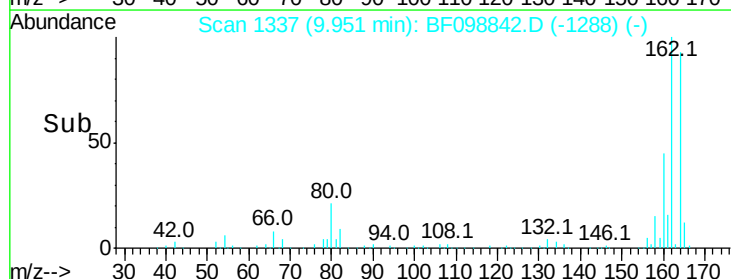
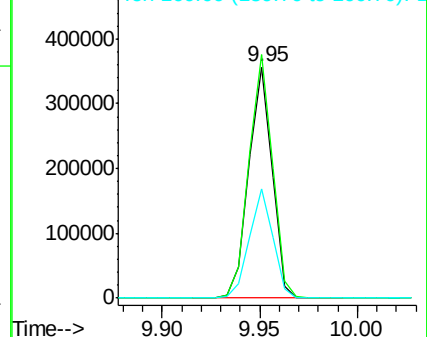
160 47.3 38.3 57.5

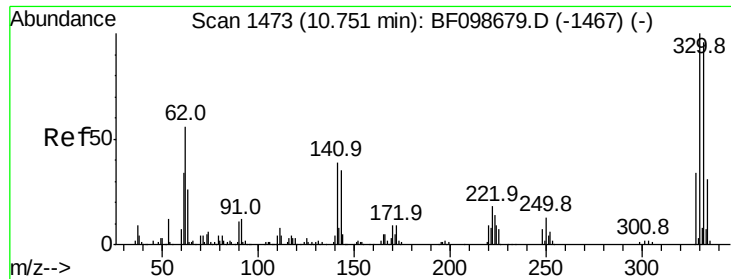


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

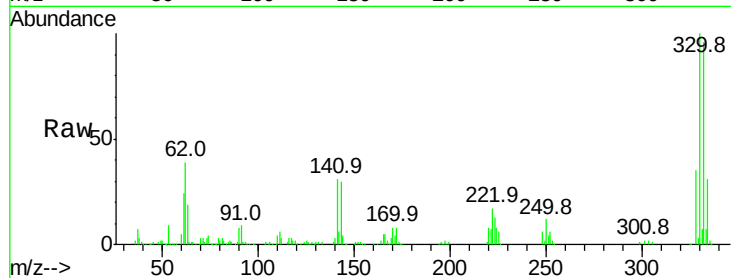




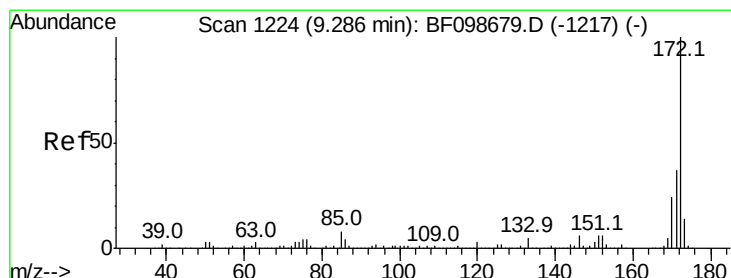
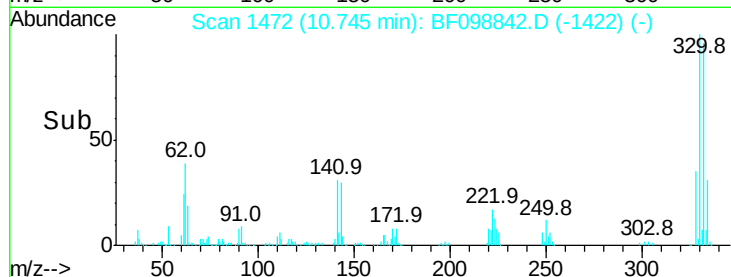
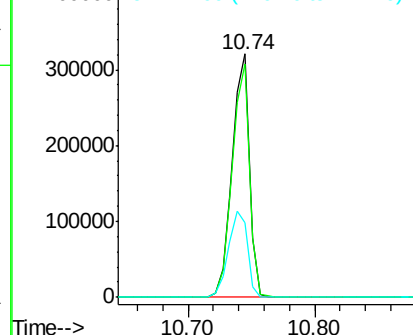
#41
 2,4,6-Tribromophenol
 Concen: 124.630 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20170530-LOC-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	39.2	29.9	44.9

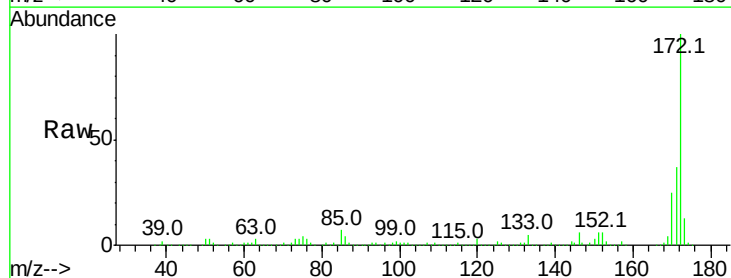


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

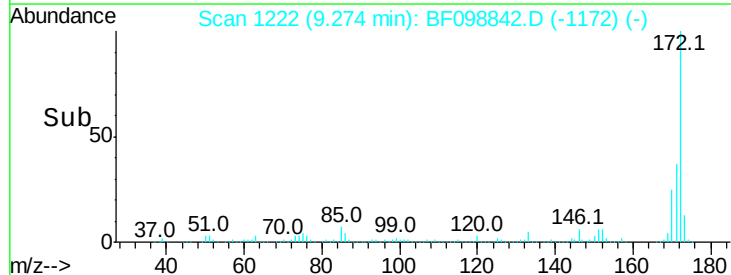
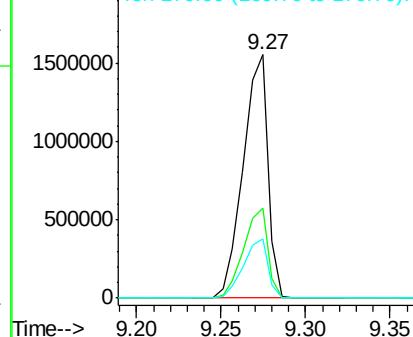


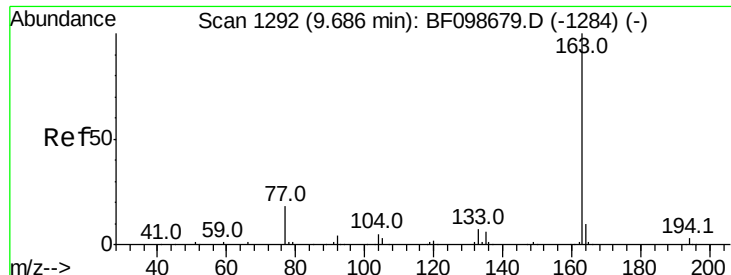
#44
 2-Fluorobiphenyl
 Concen: 89.560 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	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

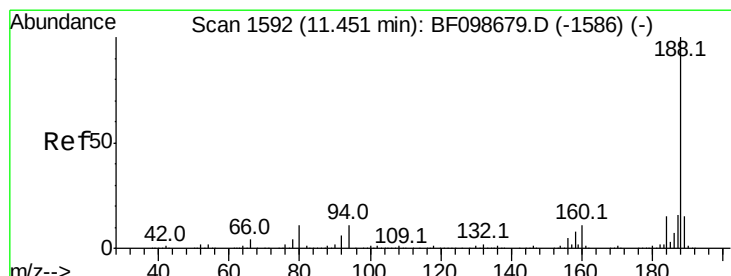
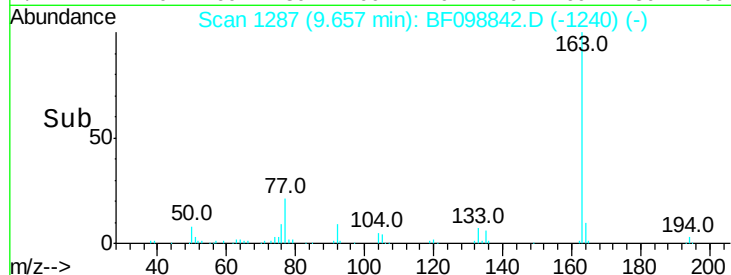
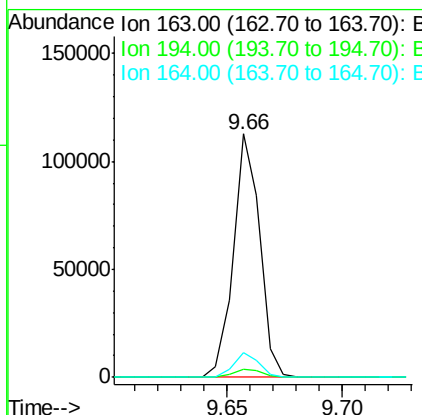
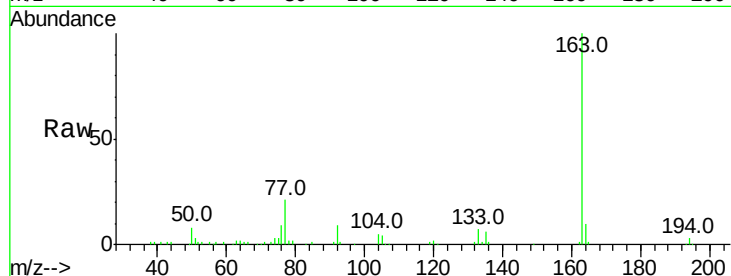




#49
 Dimethylphthalate
 Concen: 3.996 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

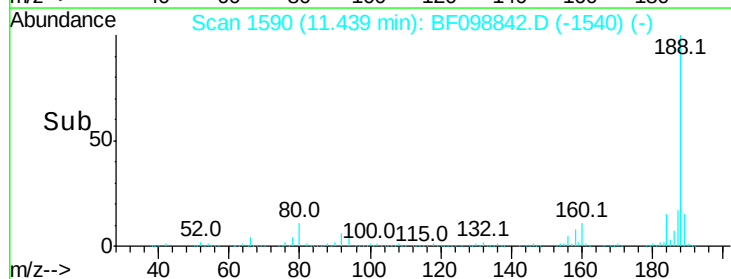
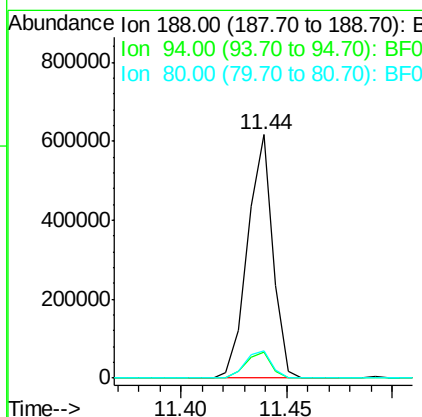
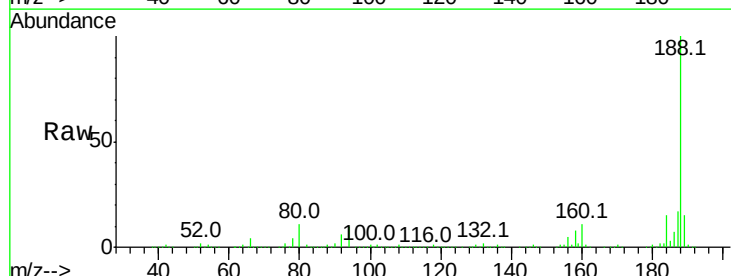
Instrument :
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 ClientSampleId :
 20170530-LOC-6

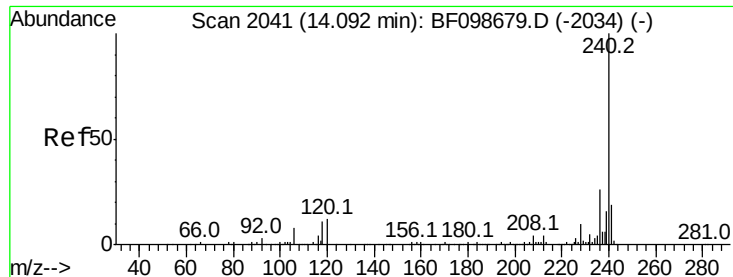
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

20170530-LOC-6

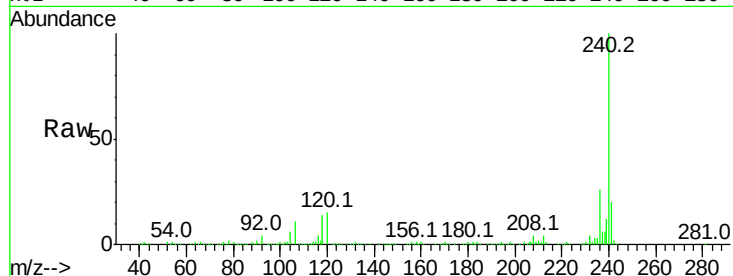
Tot Ion:240 Resp: 353488

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

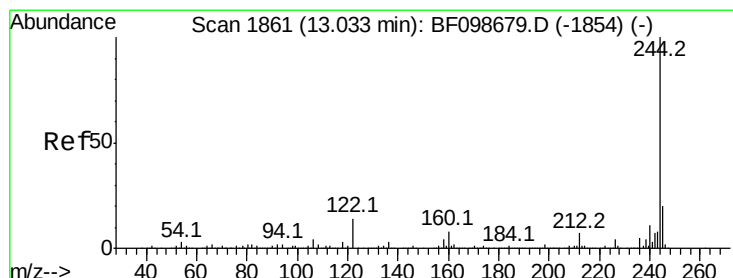
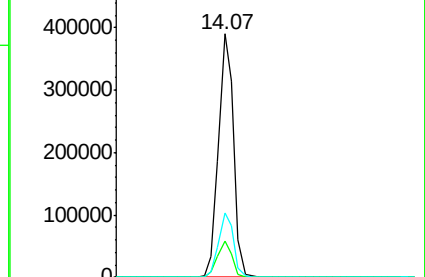
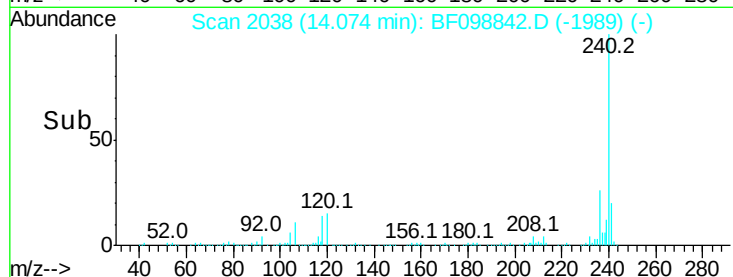
236 26.2 20.7 31.1



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: 82.430 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

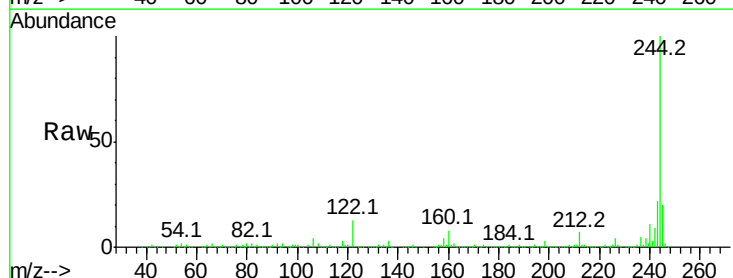
Tgt Ion:244 Resp: 1281246

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

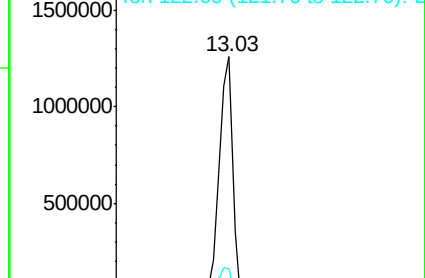
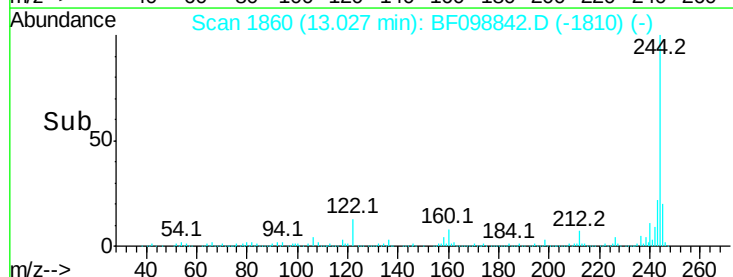
122 13.0 11.0 16.4

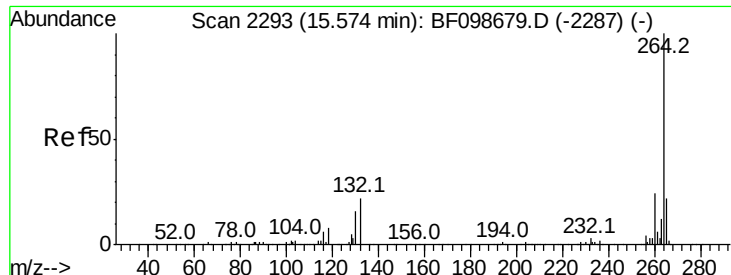


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

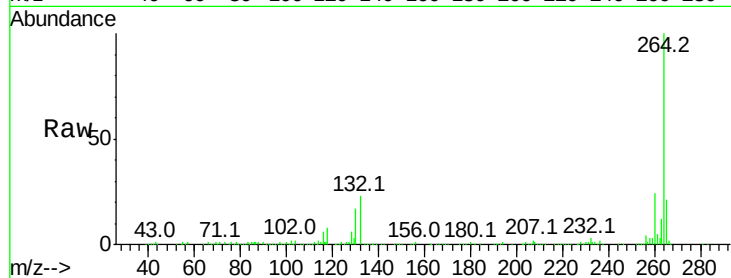




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20170530-LOC-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3



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

