

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098882.D
 Acq On : 28 Sep 2017 00:20
 Operator : SJ/JU
 Sample : I5445-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 28 06:48:39 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

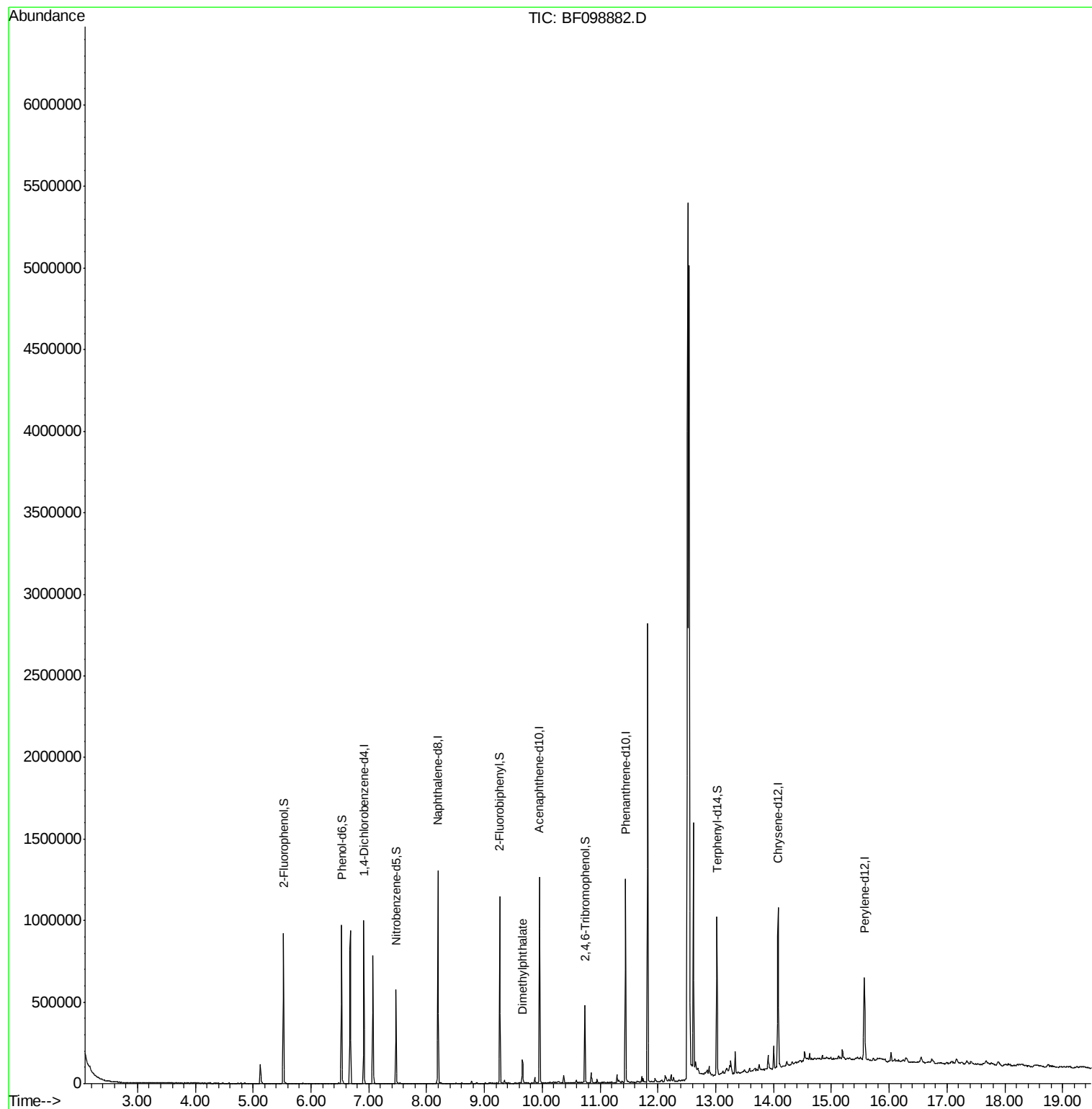
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134761	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550084	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	231092	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	376439	20.00	ng	0.00
75) Chrysene-d12	14.08	240	301751	20.00	ng	0.00
86) Perylene-d12	15.57	264	224241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	224029	26.46	ng	-0.02
7) Phenol-d6	6.53	99	278728	26.69	ng	-0.02
23) Nitrobenzene-d5	7.47	82	161913	18.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	43815	23.17	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	304107	21.97	ng	-0.01
78) Terphenyl-d14	13.02	244	242621	18.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	50269	2.882	ng	97

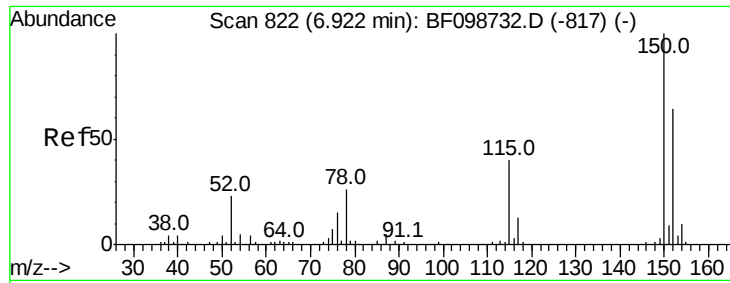
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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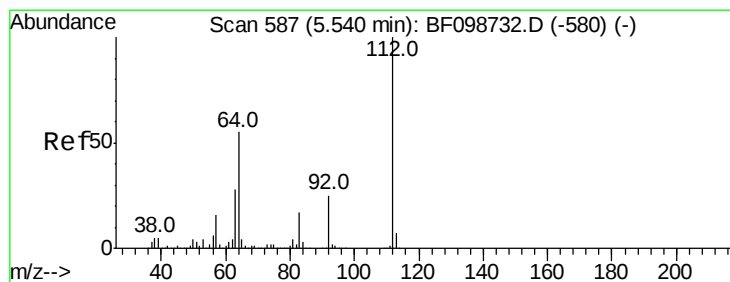
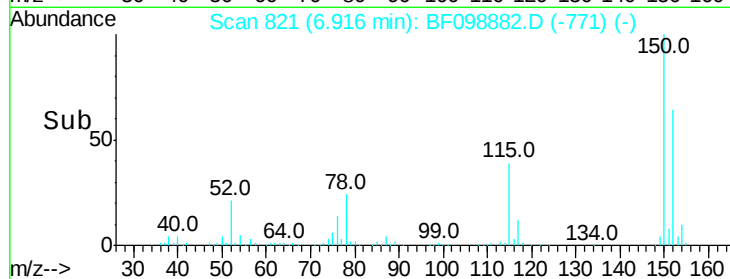
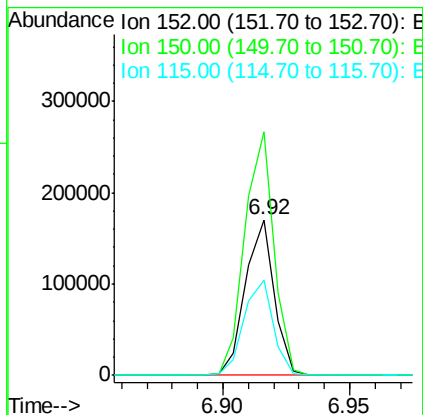
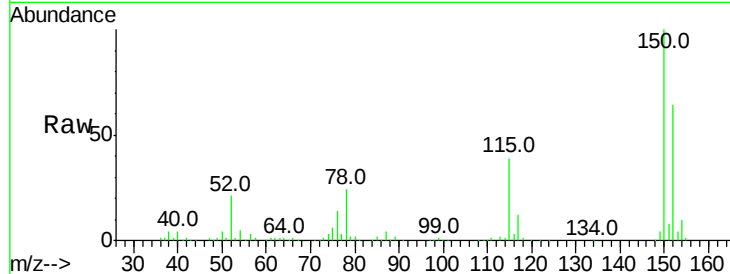


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

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

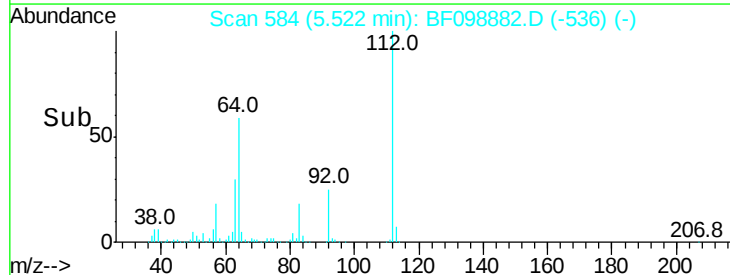
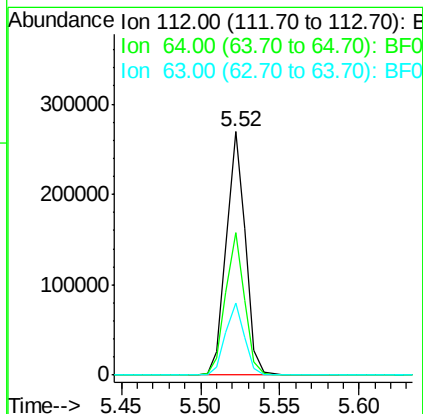
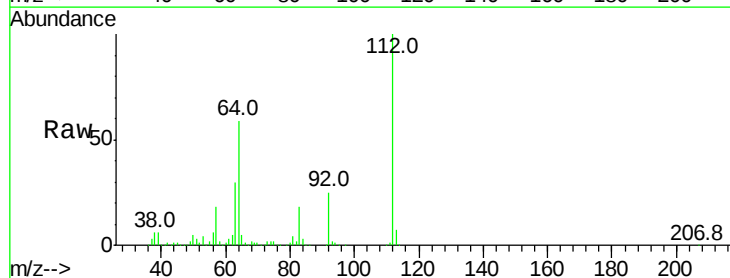
Tot Ion:152 Resp: 134761
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.8 50.1 75.1

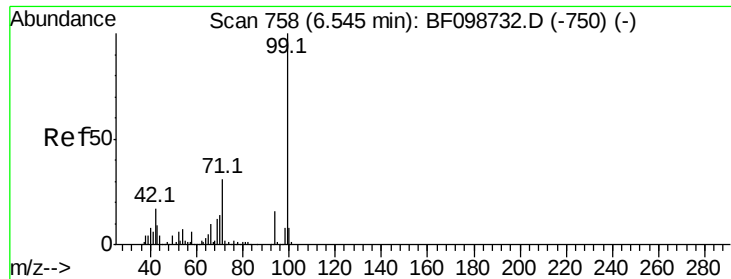


#5

2-Fluorophenol
Concen: 26.464 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

Tgt Ion:112 Resp: 224029
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 26.690 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampleId :

AU-05-092617-B

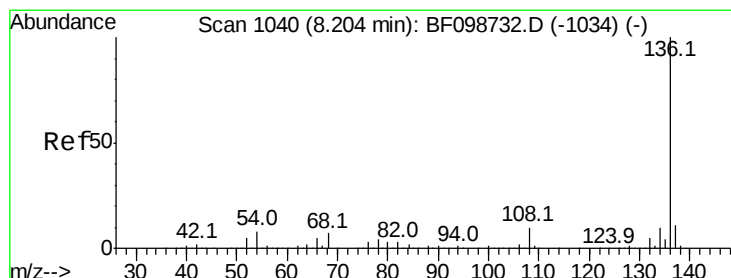
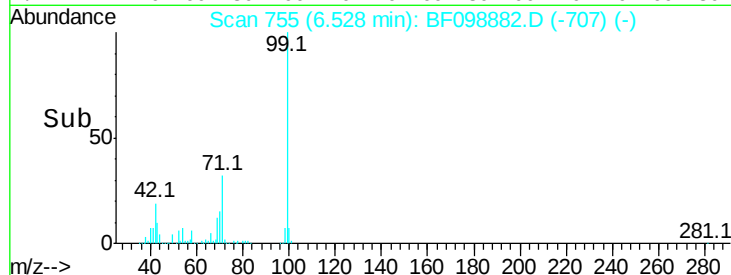
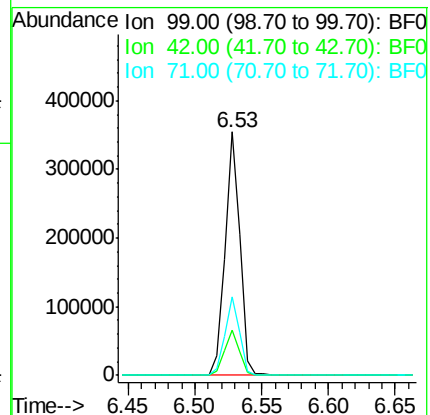
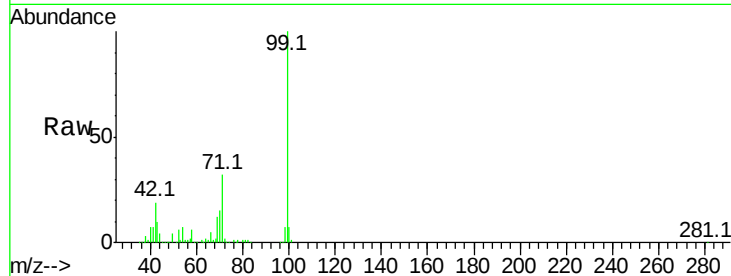
Tot Ion: 99 Resp: 278728

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.0 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: BF098882.D

Acq: 28 Sep 2017 00:20

Tgt Ion: 136 Resp: 550084

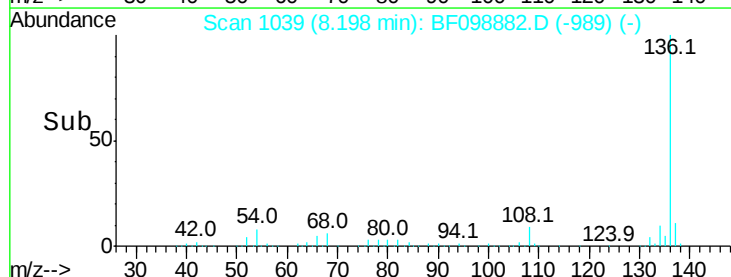
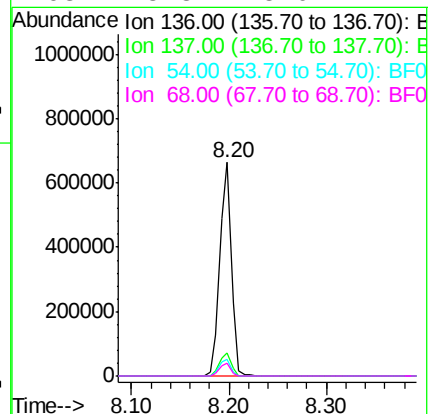
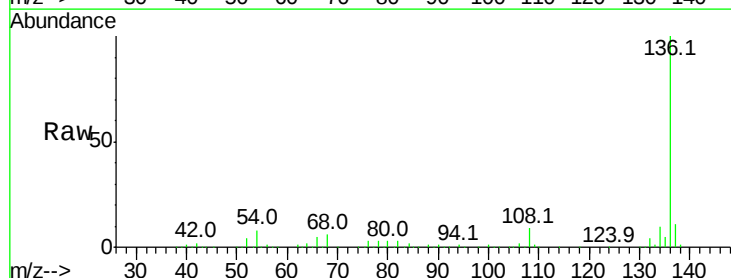
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

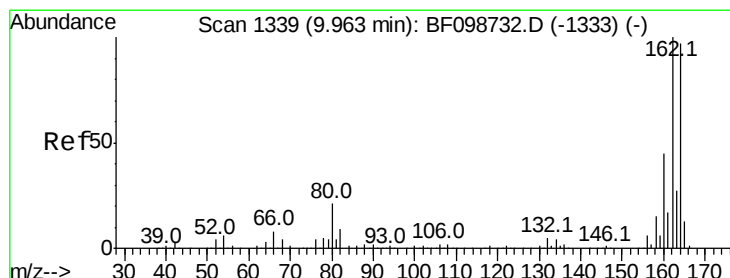
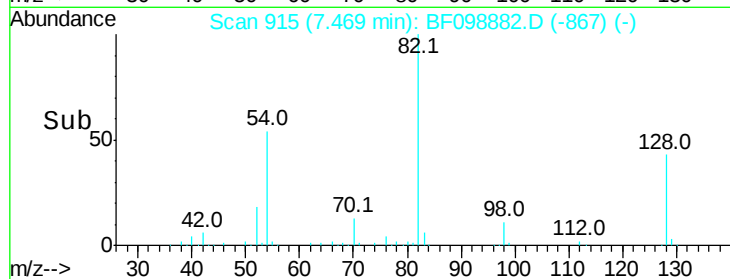
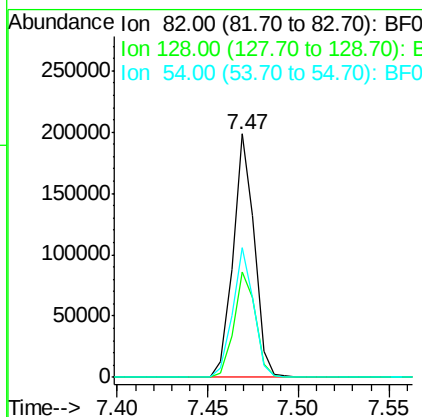
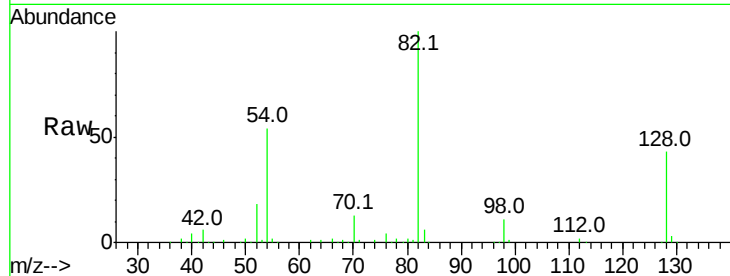




#23
 Nitrobenzene-d5
 Concen: 18.876 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

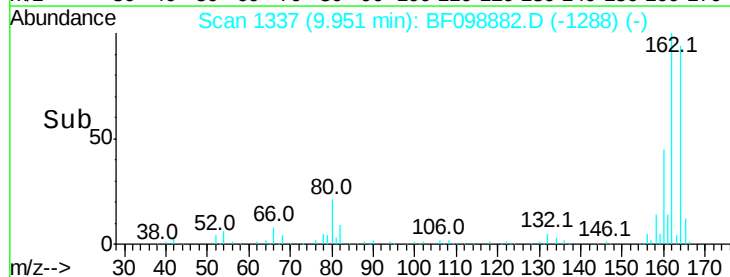
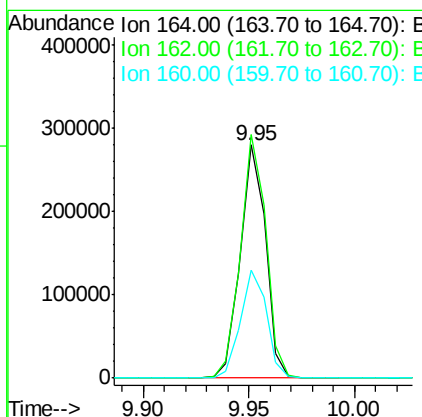
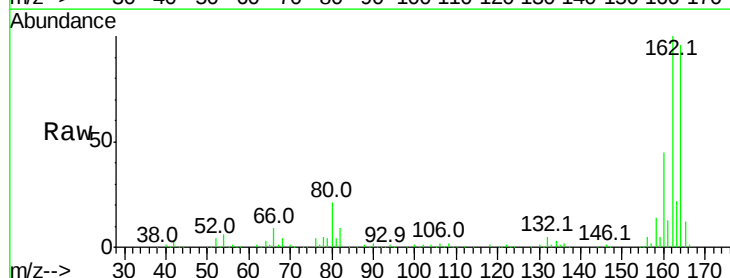
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092617-B

Tot Ion	82	Resp	161913
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.1	54.1
54	53.5	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: BF098882.D
 Acq: 28 Sep 2017 00:20

Tgt Ion	164	Resp	231092
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.5	38.3	57.5

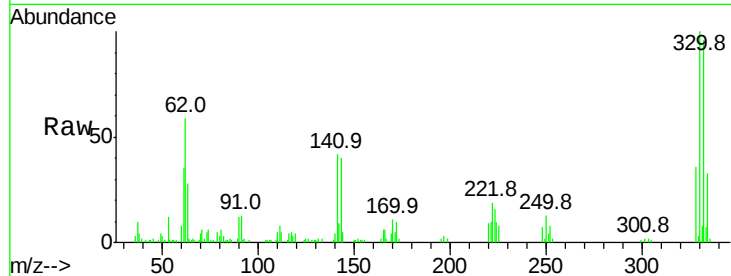




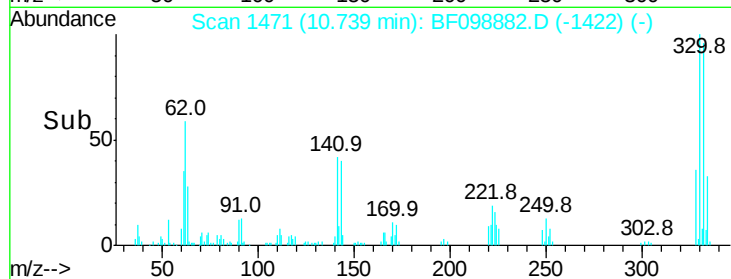
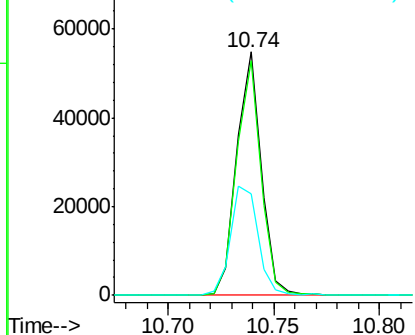
#41
 2,4,6-Tribromophenol
 Concen: 23.171 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

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

Tot Ion:330 Resp: 43815
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 50.2 29.9 44.9#

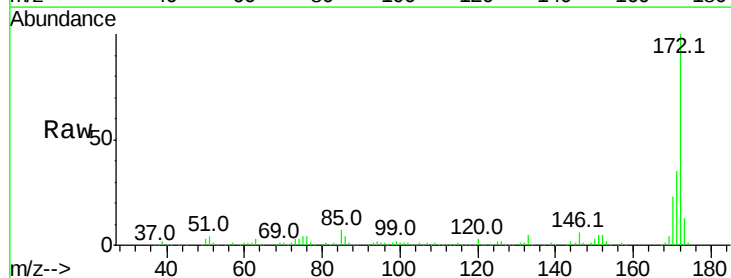


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

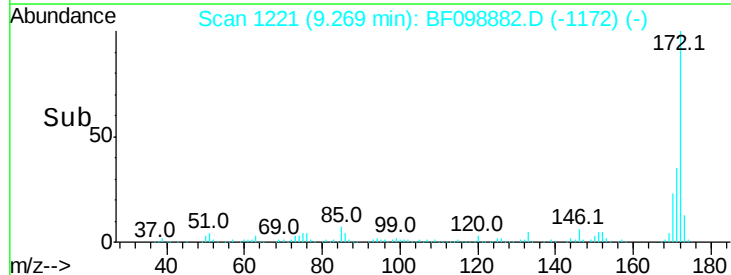
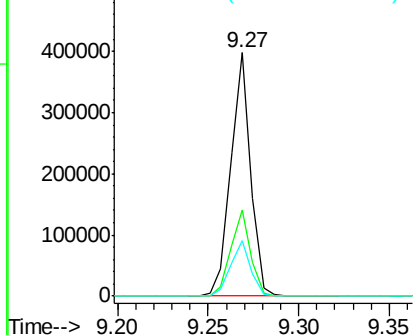


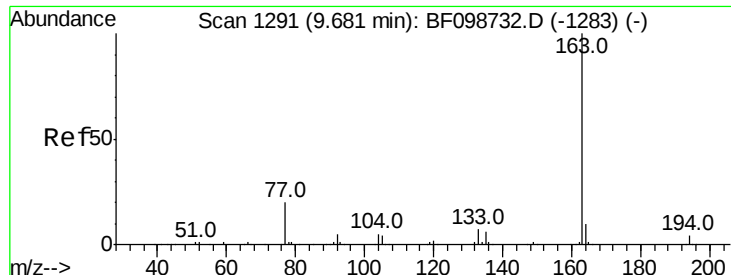
#44
 2-Fluorobiphenyl
 Concen: 21.969 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098882.D
 Acq: 28 Sep 2017 00:20

Tgt Ion:172 Resp: 304107
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.0 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

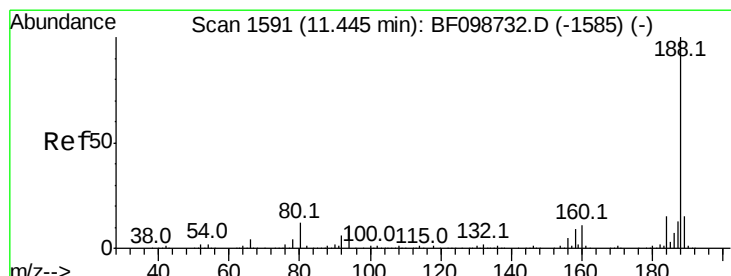
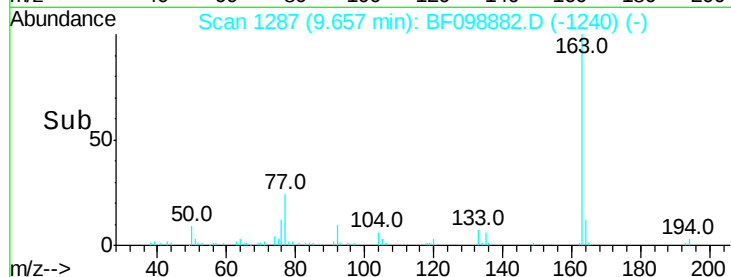
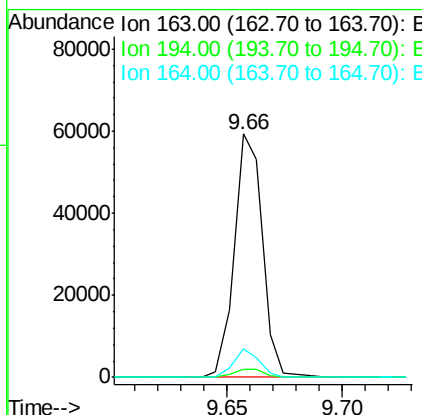
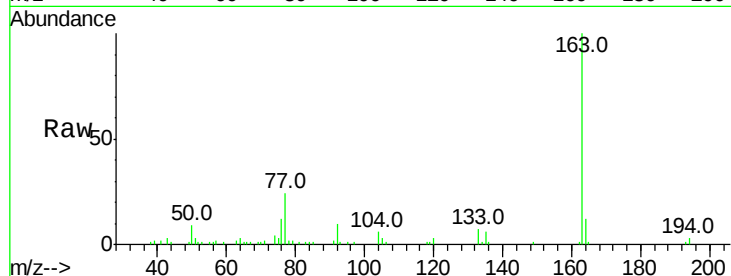




#49
Dimethylphthalate
Concen: 2.882 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

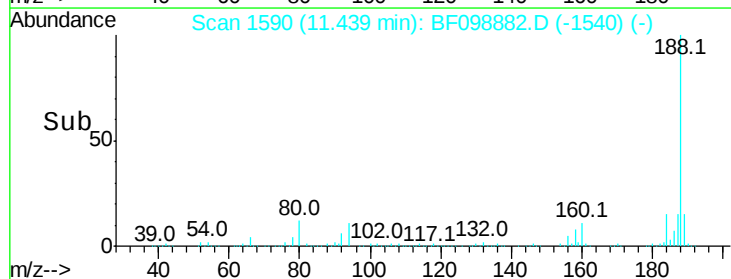
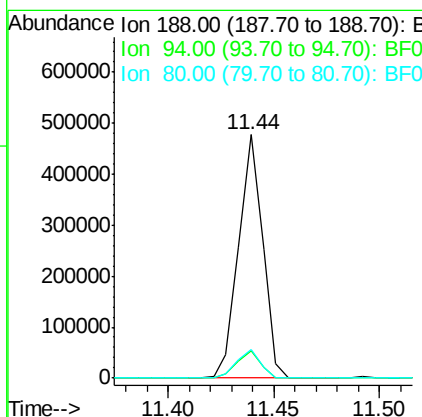
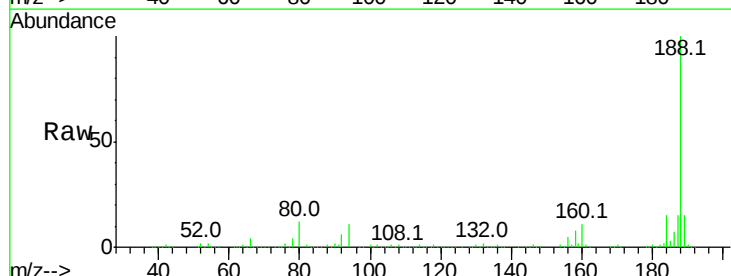
Instrument :
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ClientSampleId :
AU-05-092617-B

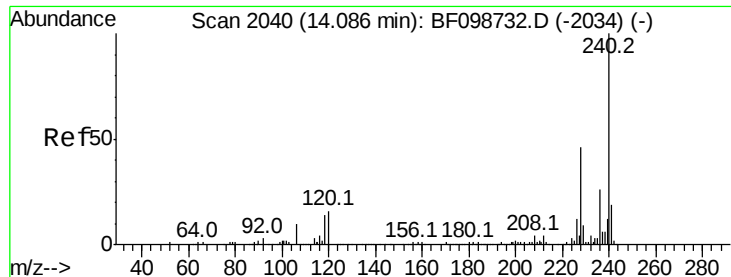
Tot Ion:163 Resp: 50269
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

Tgt Ion:188 Resp: 376439
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

Instrument :

BNA_F

ClientSampleId :

AU-05-092617-B

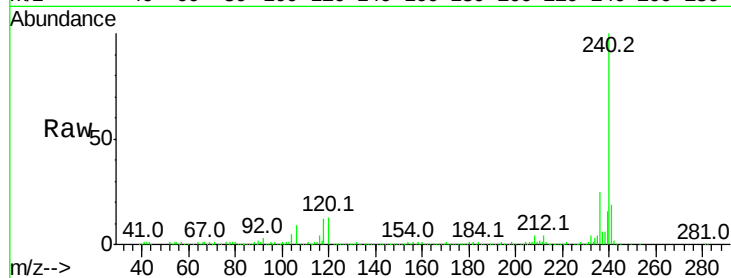
Tot Ion:240 Resp: 301751

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

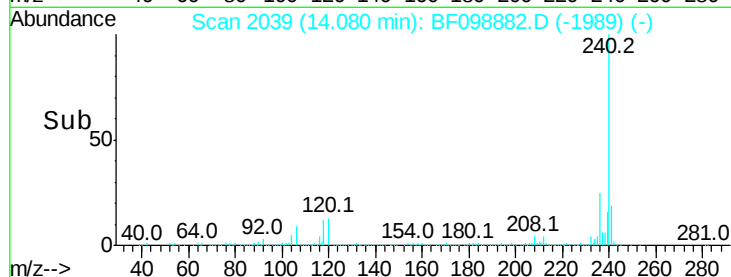
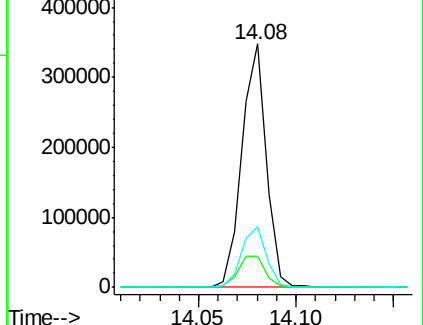
236 25.1 20.7 31.1



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: 18.286 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098882.D

Acq: 28 Sep 2017 00:20

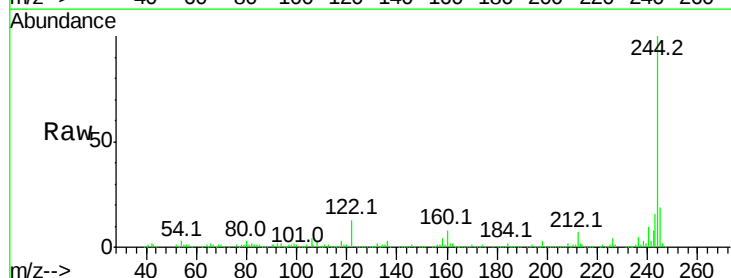
Tgt Ion:244 Resp: 242621

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

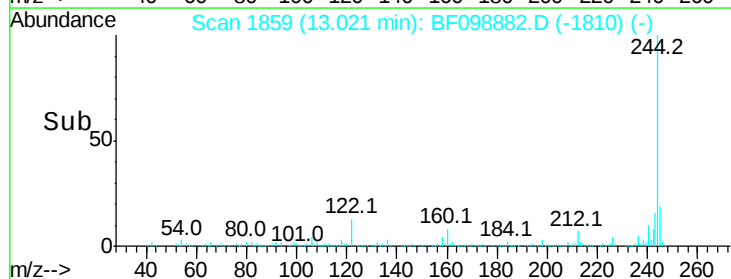
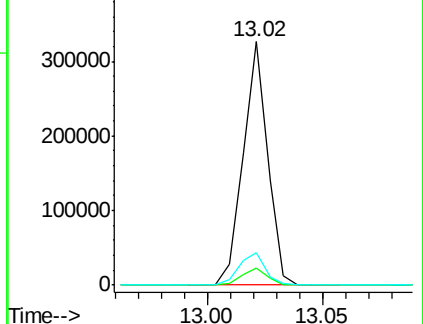
122 13.3 11.0 16.4

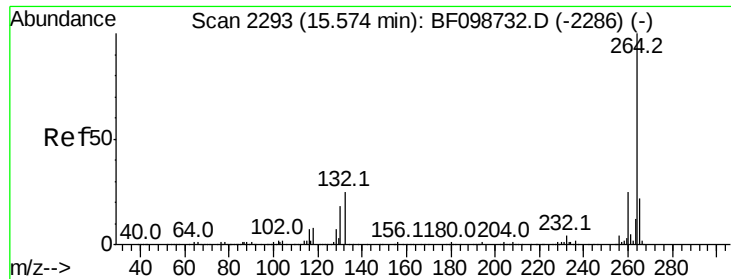


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

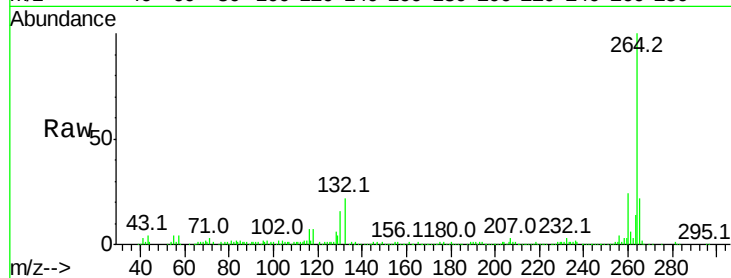




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098882.D
Acq: 28 Sep 2017 00:20

Instrument :
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ClientSampleId :
AU-05-092617-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	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

