

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087867.D
 Acq On : 9 Jun 2016 22:17
 Operator : UM/SJ
 Sample : H3378-14RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-23RE

Quant Time: Jun 10 03:16:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

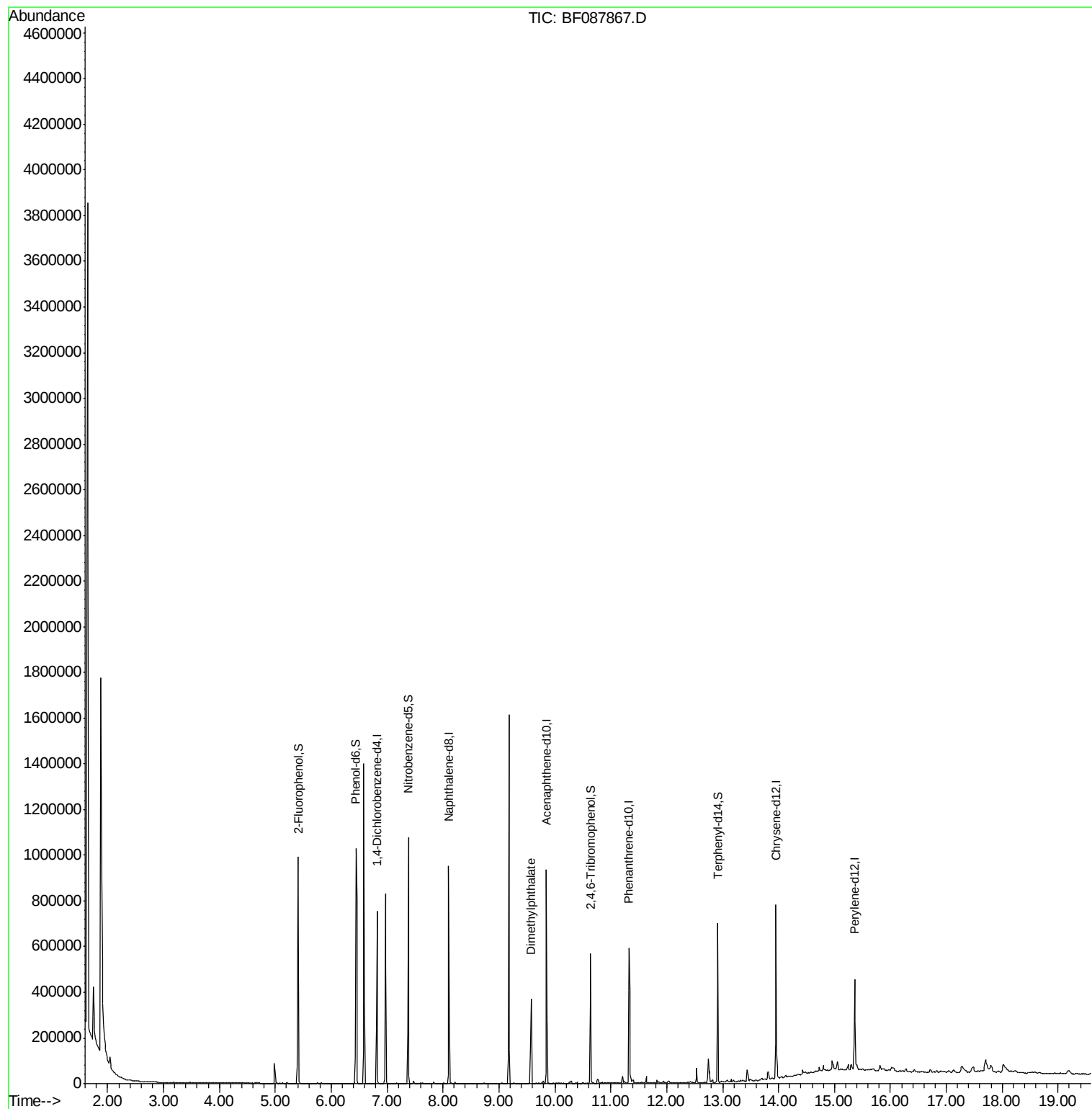
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	123650	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	453960	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	182630	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	280312	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	235886	20.00	ng	-0.03
86) Perylene-d12	15.36	264	177249	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	428146	59.19	ng	-0.01
7) Phenol-d6	6.44	99	529745	60.43	ng	-0.03
23) Nitrobenzene-d5	7.38	82	320871	41.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	88911	46.11	ng	-0.03
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.91	244	262056	25.28	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.58	163	180298	13.63	ng	Qvalue 98

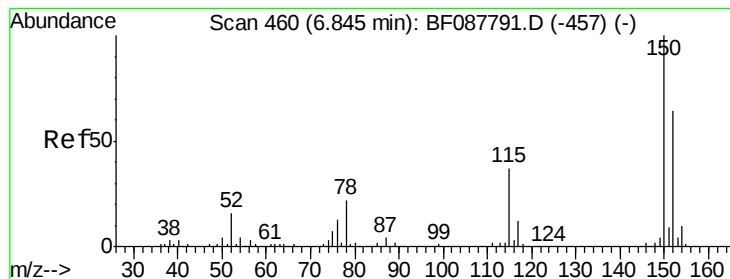
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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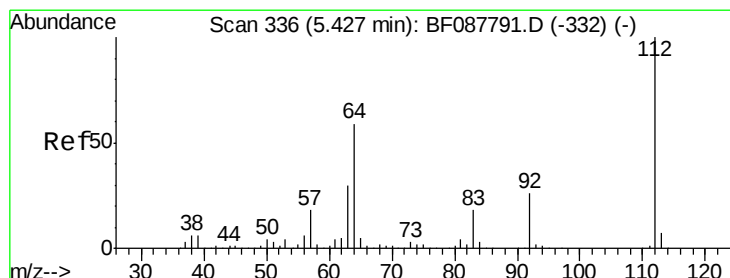
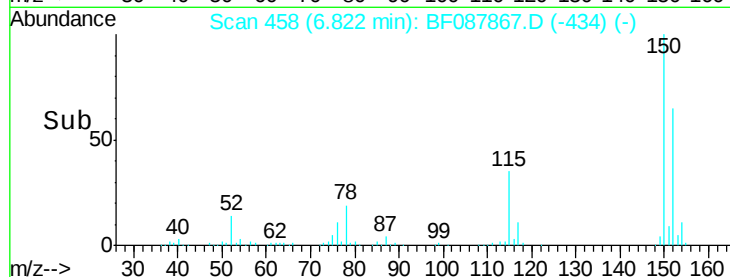
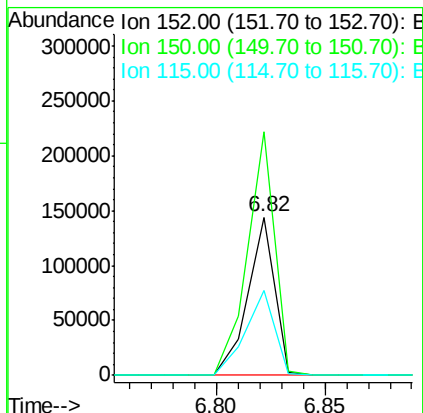
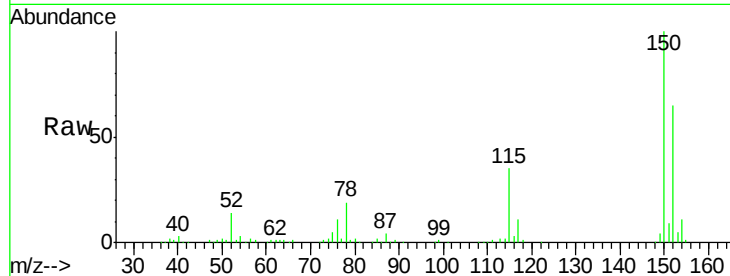


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087867.D
Acq: 9 Jun 2016 22:17

Instrument :
BNA_F
ClientSampleId :
SS-23RE

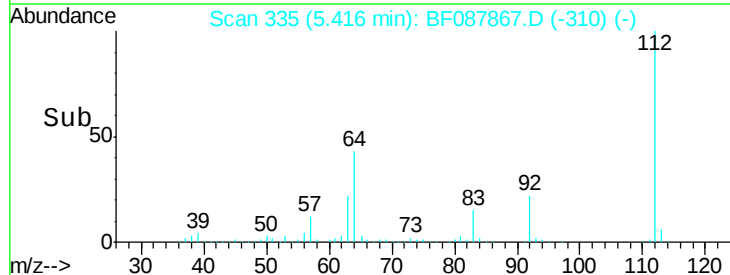
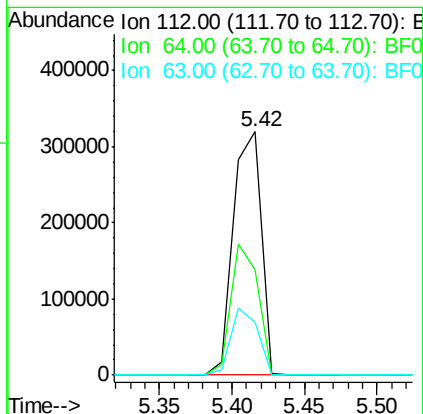
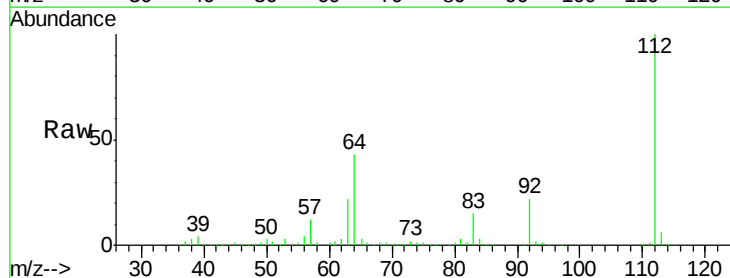
Tot Ion:152 Resp: 123650
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 54.0 39.6 59.4

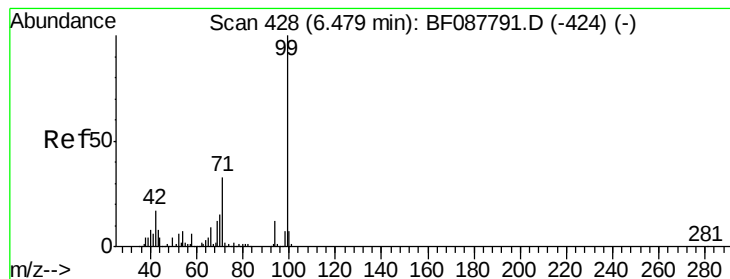


#5

2-Fluorophenol
Concen: 59.19 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087867.D
Acq: 9 Jun 2016 22:17

Tgt Ion:112 Resp: 428146
Ion Ratio Lower Upper
112 100
64 43.2 42.2 63.2
63 21.8 21.8 32.8#





#7

Phenol-d6

Concen: 60.43 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

Instrument :

BNA_F

ClientSampled :

SS-23RE

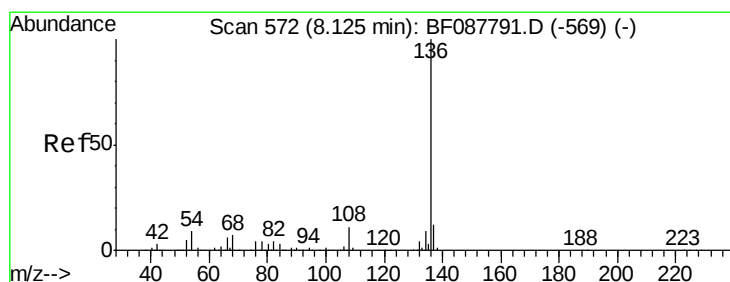
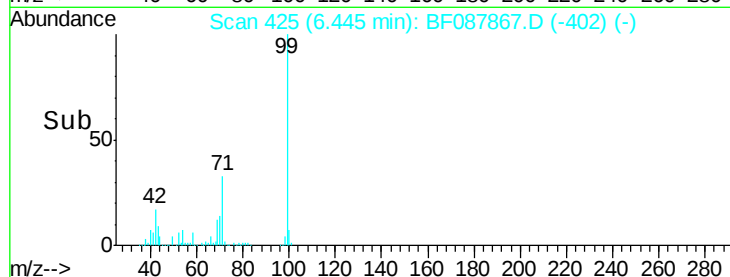
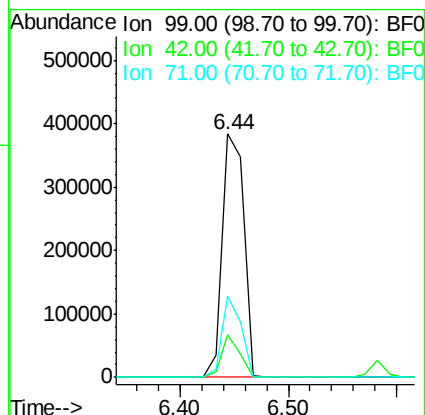
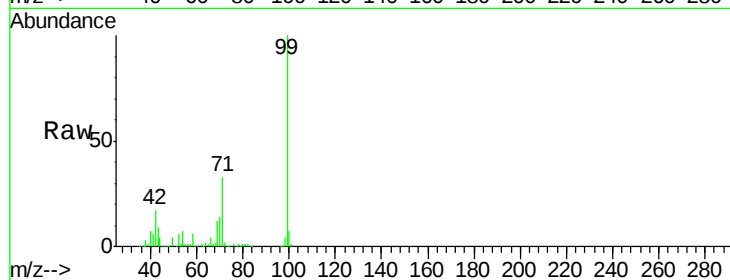
Tot Ion: 99 Resp: 529745

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 33.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

Tgt Ion: 136 Resp: 453960

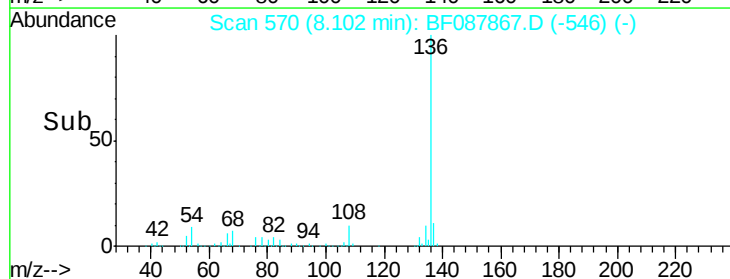
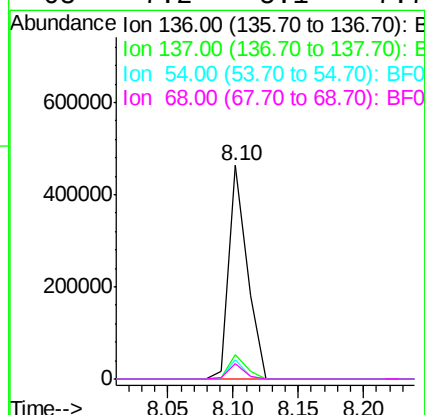
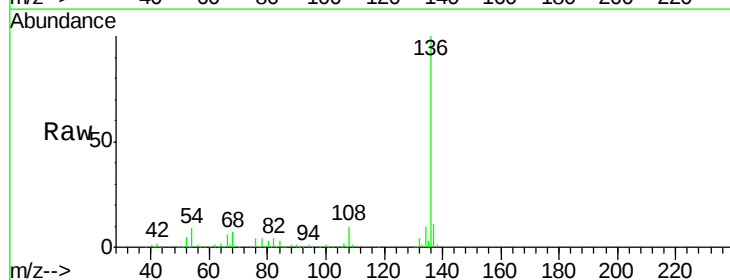
Ion Ratio Lower Upper

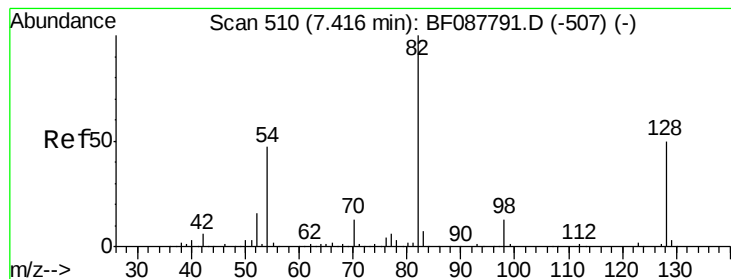
136 100

137 11.5 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 41.27 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

Instrument :

BNA_F

ClientSampleId :

SS-23RE

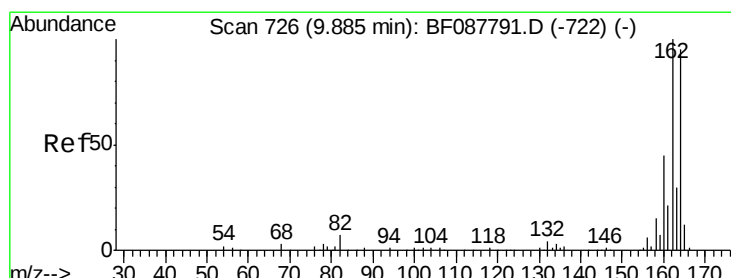
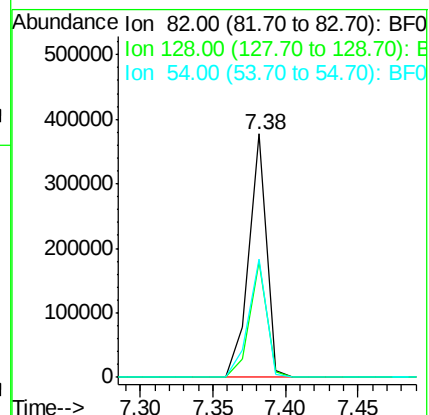
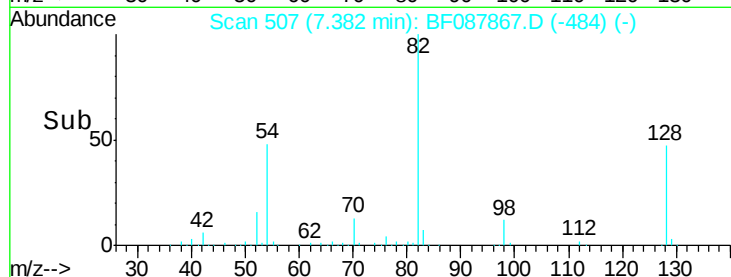
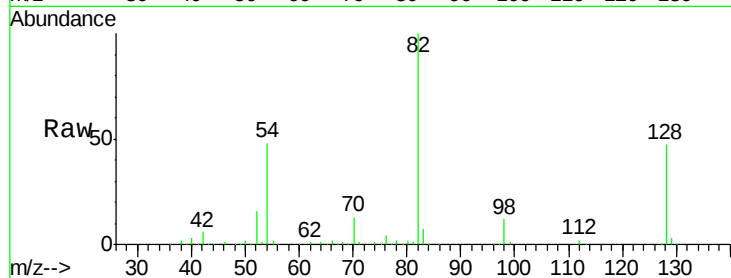
Tot Ion: 82 Resp: 320871

Ion Ratio Lower Upper

82 100

128 47.5 35.9 53.9

54 48.4 40.9 61.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

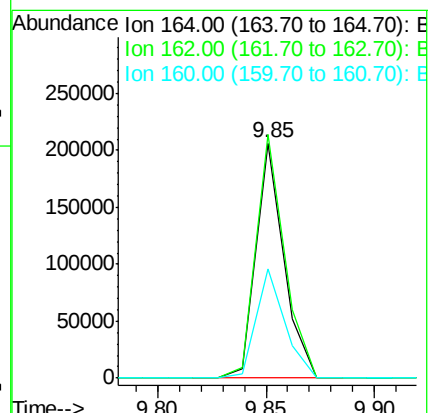
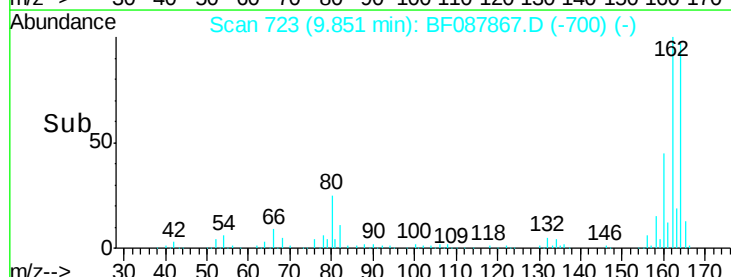
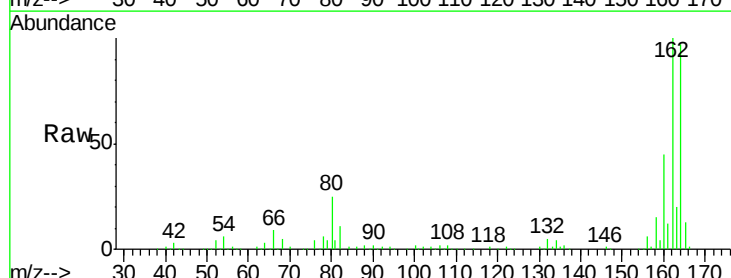
Tgt Ion:164 Resp: 182630

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

160 46.2 39.5 59.3

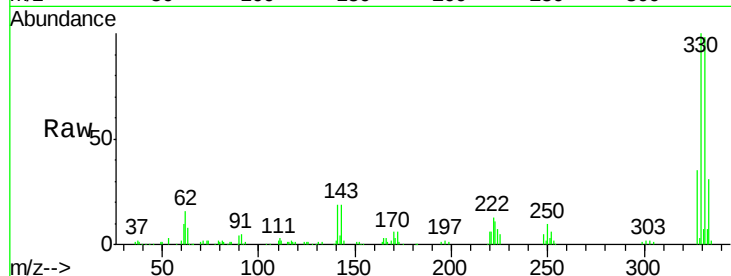




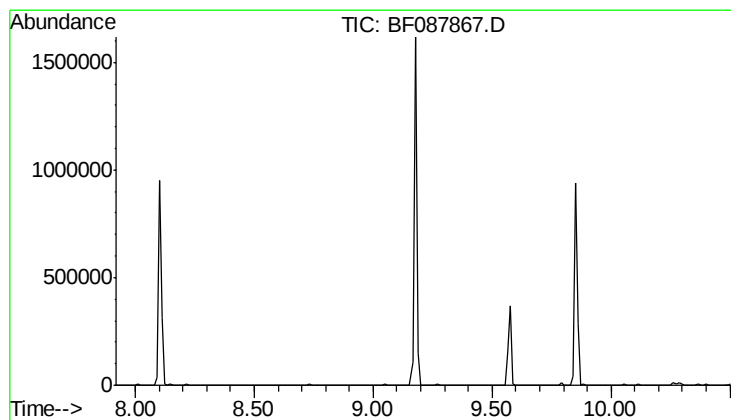
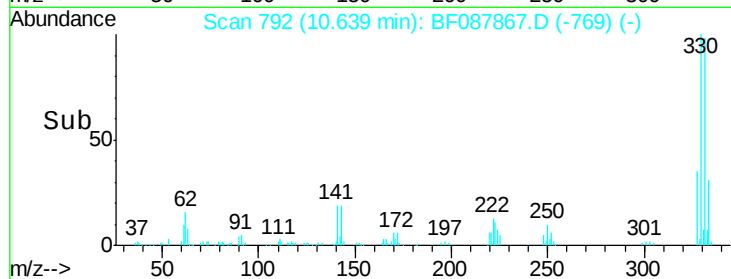
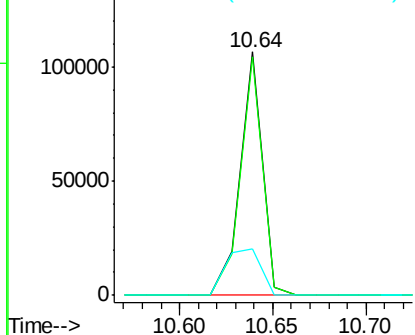
#41
 2,4,6-Tribromophenol
 Concen: 46.11 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087867.D
 Acq: 9 Jun 2016 22:17

Instrument :
 BNA_F
 ClientSampleId :
 SS-23RE

Tot Ion:330 Resp: 88911
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 30.7 0.0 0.0#



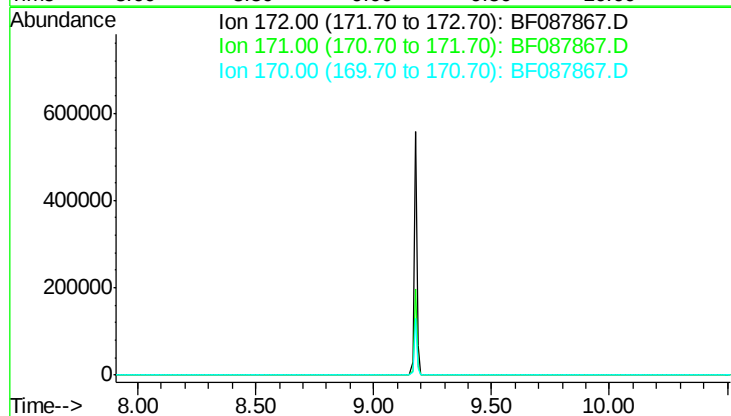
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

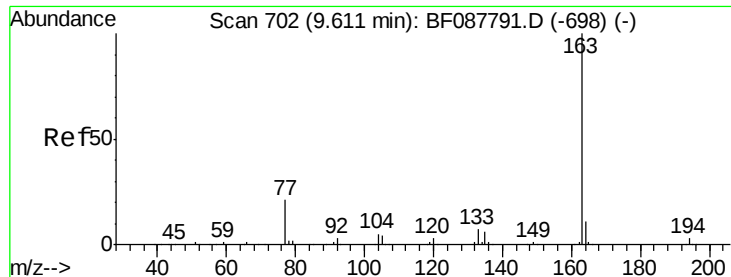


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.21 min

Lab File: BF087867.D
 Acq: 9 Jun 2016 22:17

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.8
 170 24.0





#49

Dimethylphthalate

Concen: 13.63 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

Instrument :

BNA_F

ClientSampled :

SS-23RE

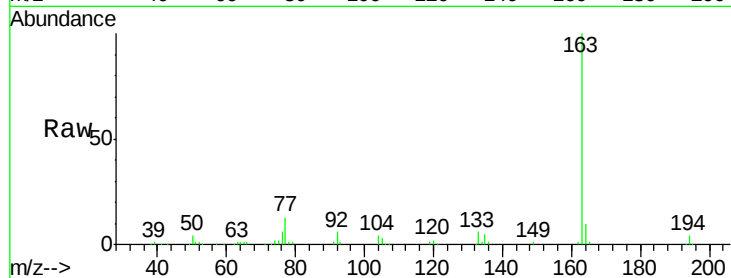
Tot Ion:163 Resp: 180298

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

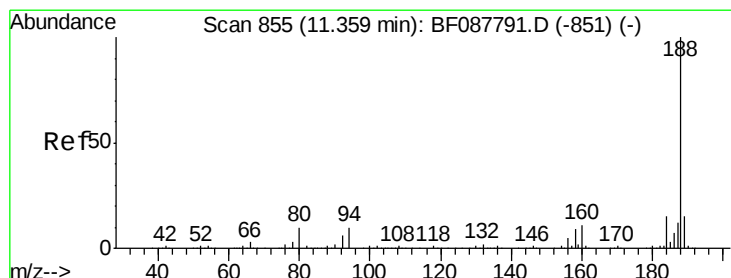
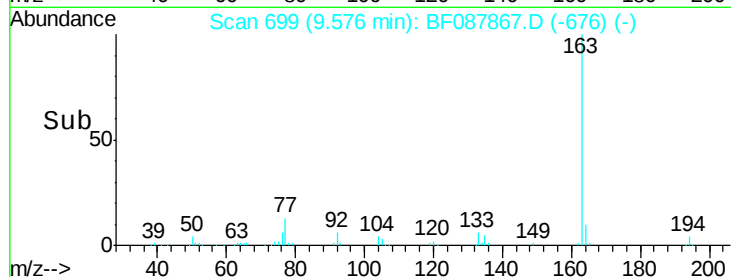
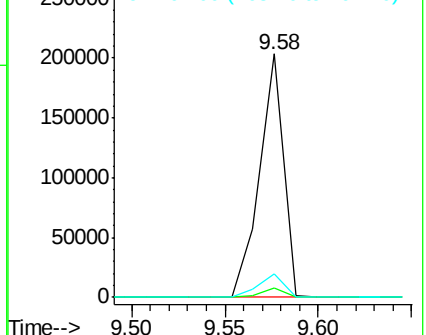
164 9.7 8.3 12.5



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: 20.00 ng

RT: 11.33 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

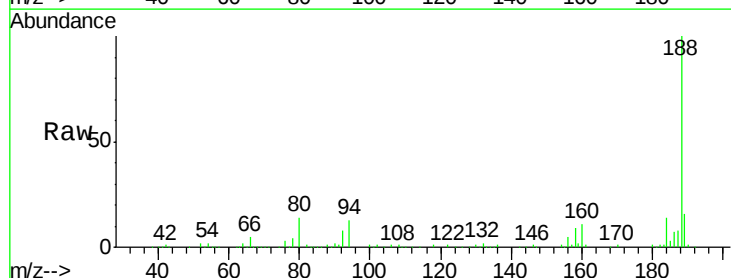
Tgt Ion:188 Resp: 280312

Ion Ratio Lower Upper

188 100

94 13.4 9.0 13.6

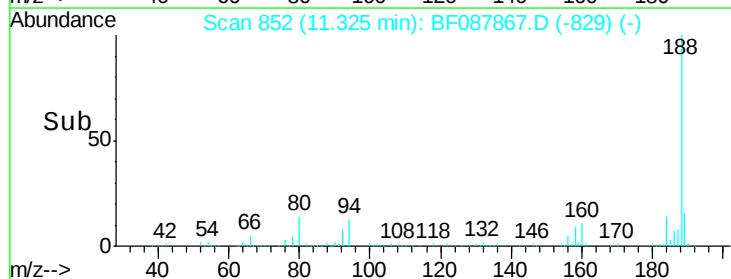
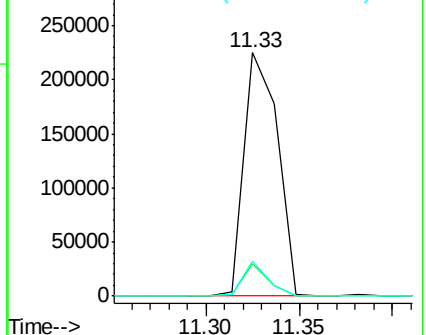
80 14.3 10.0 15.0



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: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

Instrument :

BNA_F

ClientSampleId :

SS-23RE

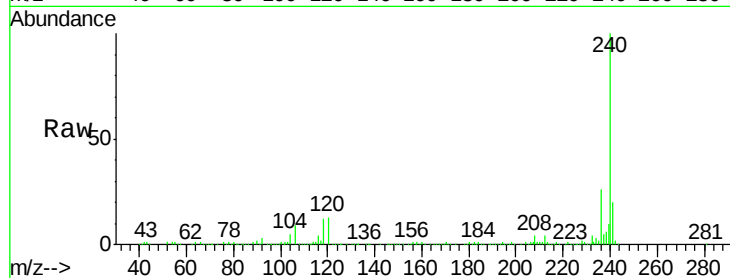
Tot Ion:240 Resp: 235886

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

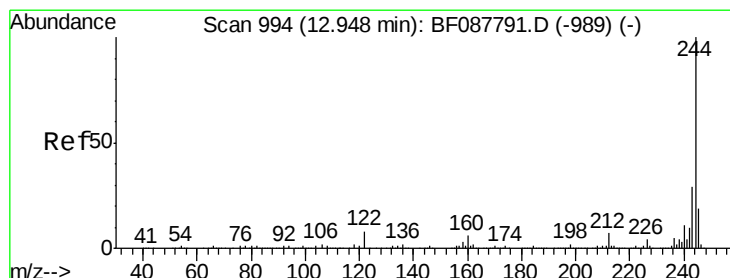
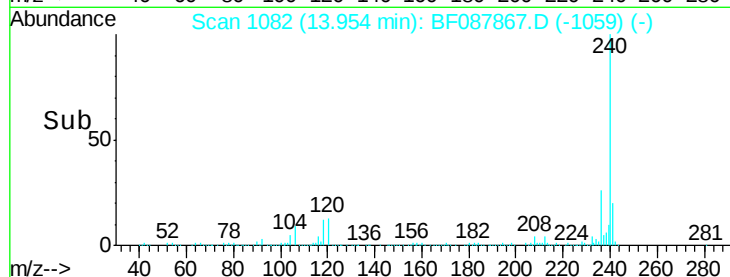
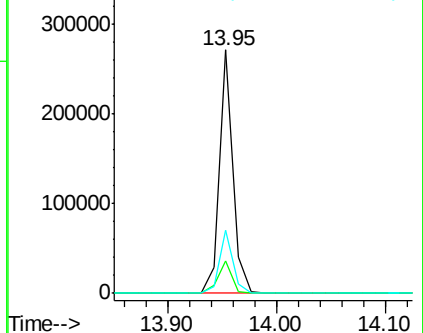
236 25.9 20.2 30.2



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: 25.28 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087867.D

Acq: 9 Jun 2016 22:17

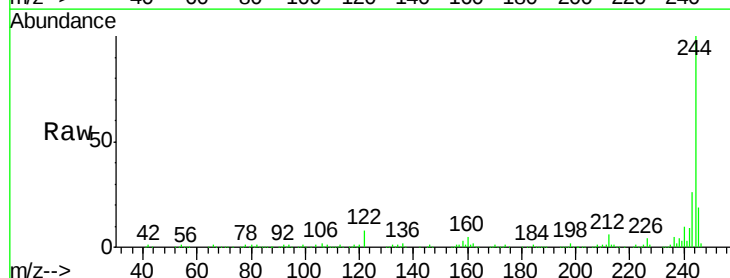
Tgt Ion:244 Resp: 262056

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

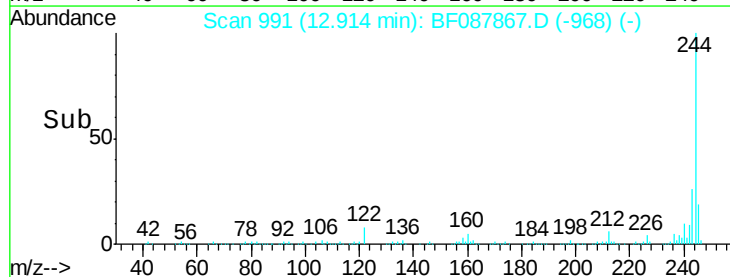
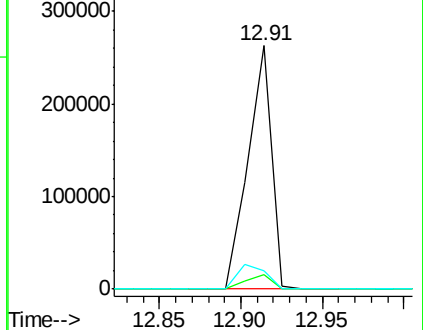
122 7.6 11.2 16.8#

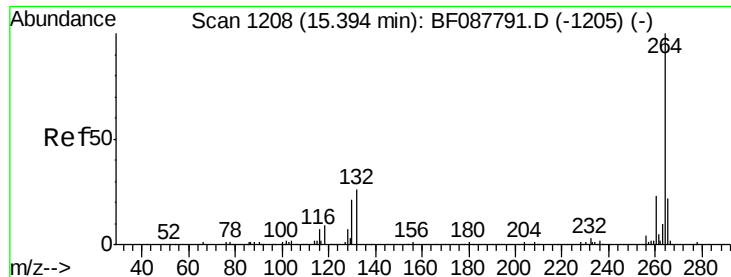


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

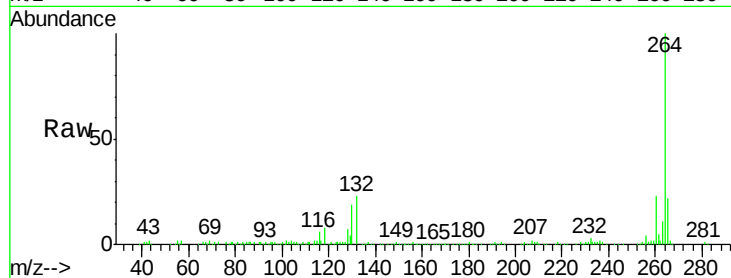




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087867.D
 Acq: 9 Jun 2016 22:17

Instrument :
 BNA_F
 ClientSampleId :
 SS-23RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3



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

