

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082955.D
 Acq On : 16 Nov 2015 23:22
 Operator : UM/IZ
 Sample : G4446-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

Quant Time: Nov 17 07:48:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	213369	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	792250	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	462843	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	822508	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	843224	20.00	ng	-0.08
86) Perylene-d12	15.35	264	666999	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	516194	37.64	ng	-0.06
7) Phenol-d6	6.43	99	475342	26.07	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1332434	73.18	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	375918	70.84	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2077952	64.35	ng	-0.07
78) Terphenyl-d14	12.90	244	2427595	68.28	ng	-0.07

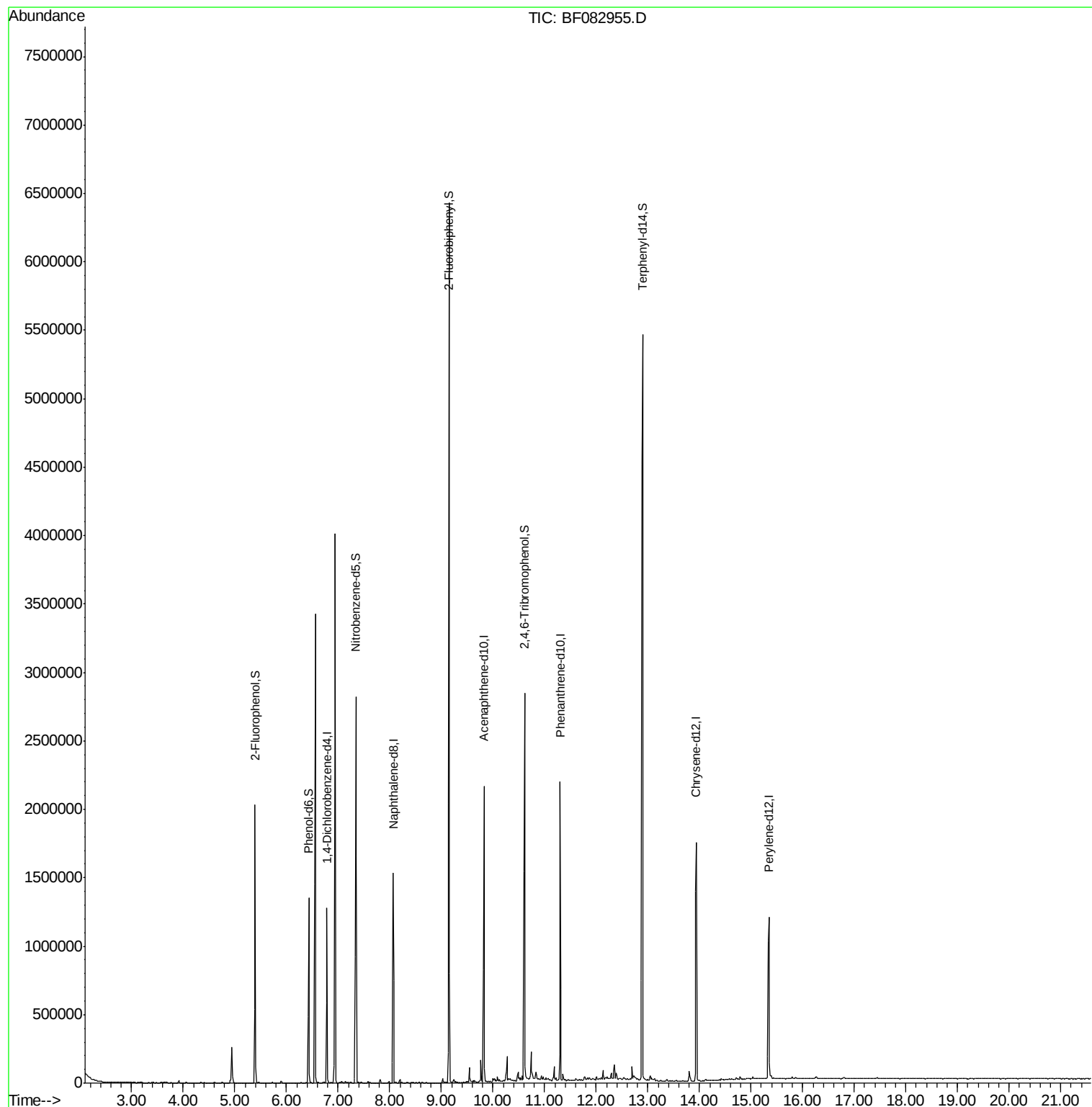
Target Compounds Qvalue

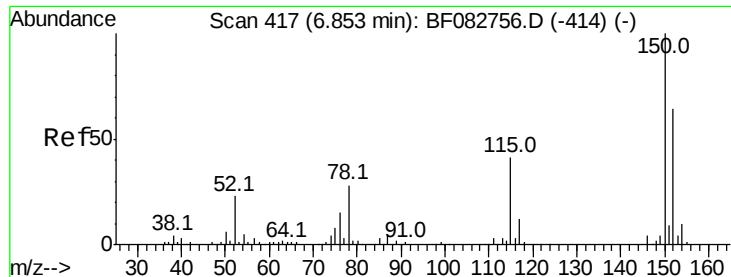
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-D-M

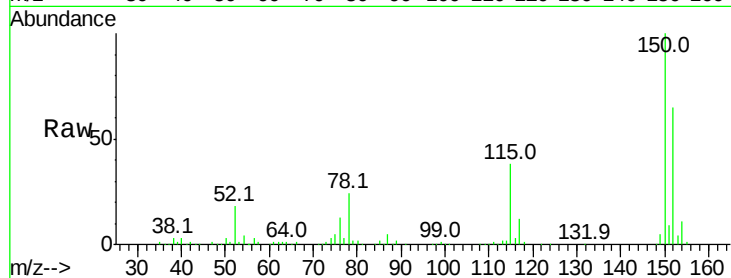
Tot Ion:152 Resp: 213369

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

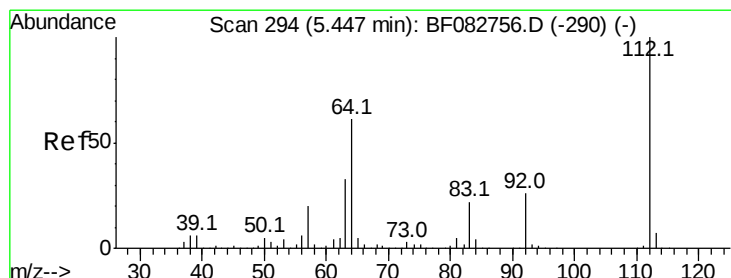
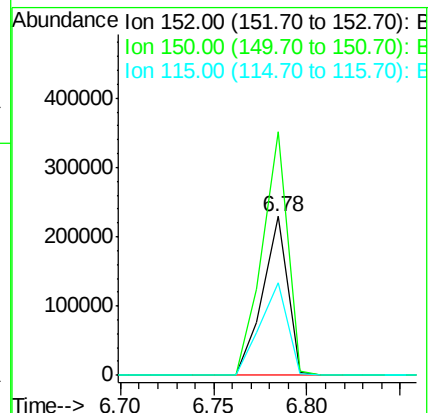
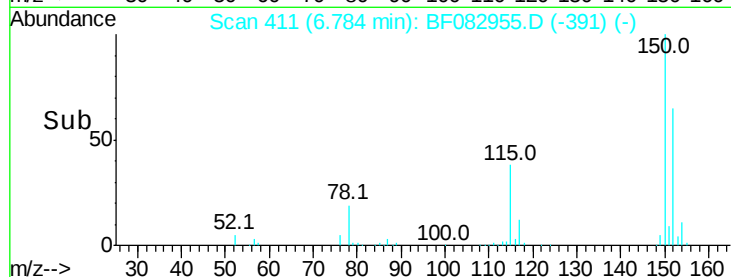
115 58.5 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 37.64 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

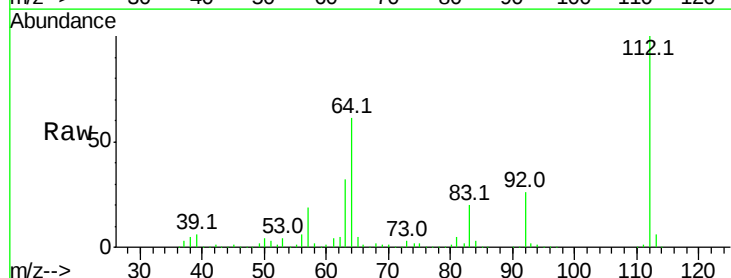
Tgt Ion:112 Resp: 516194

Ion Ratio Lower Upper

112 100

64 61.0 48.9 73.3

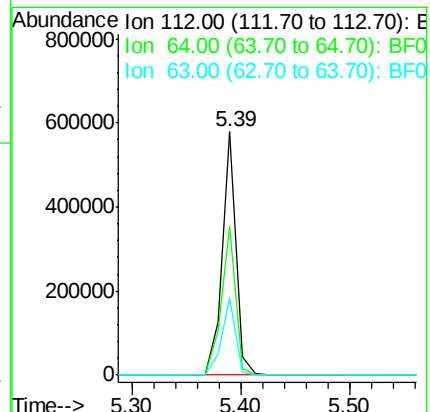
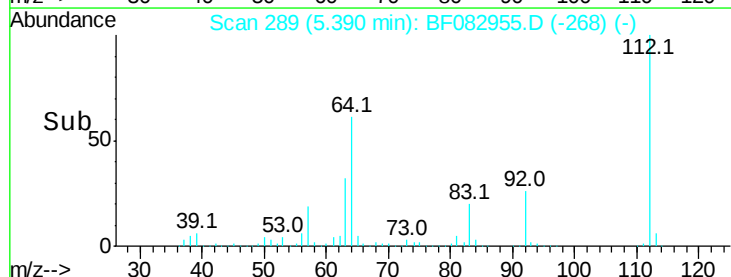
63 32.0 28.1 42.1

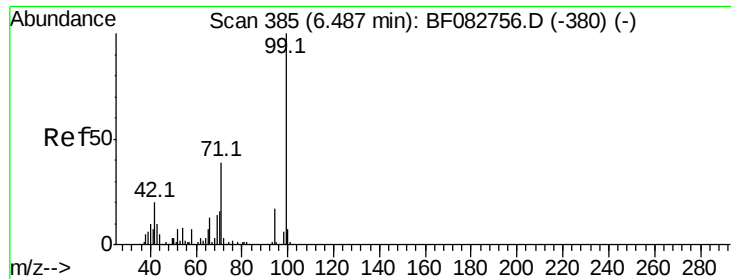


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-D-M

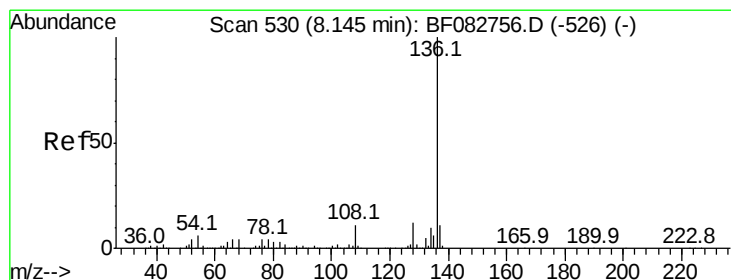
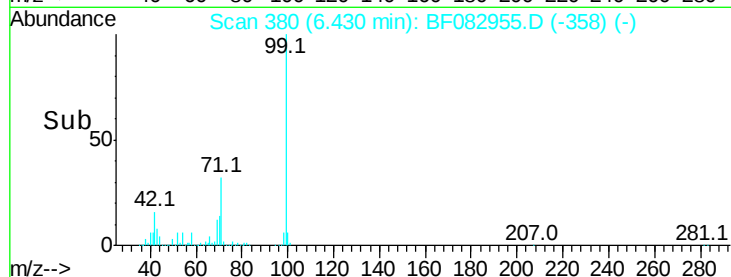
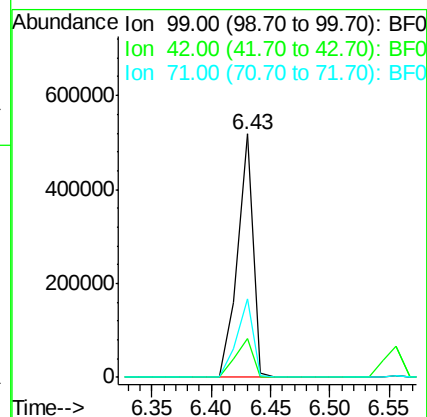
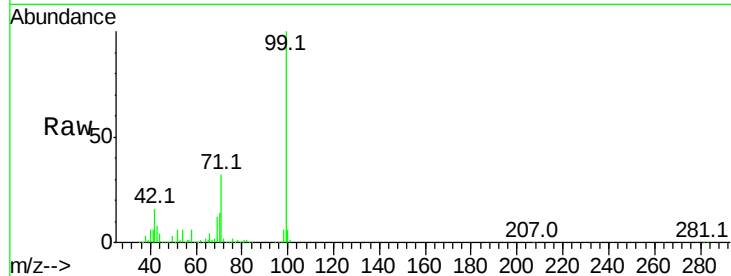
Tot Ion: 99 Resp: 475342

Ion Ratio Lower Upper

99 100

42 15.9 19.2 28.8#

71 32.1 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Tgt Ion: 136 Resp: 792250

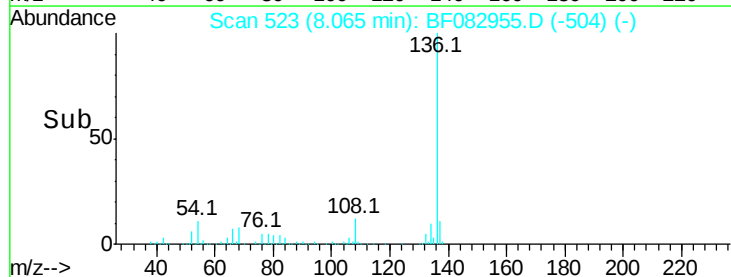
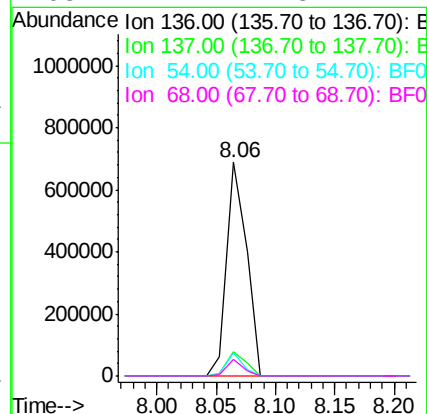
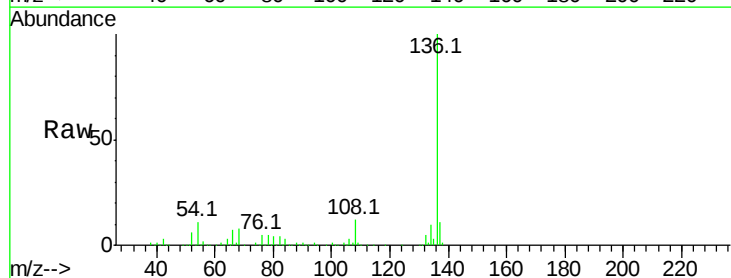
Ion Ratio Lower Upper

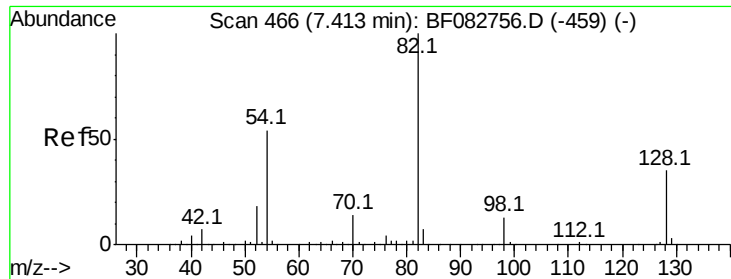
136 100

137 11.5 9.1 13.7

54 11.1 9.1 13.7

68 7.7 4.8 7.2#



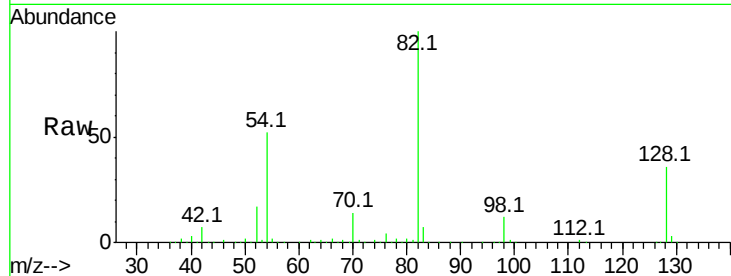


#23
 Nitrobenzene-d5
 Concen: 73.18 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

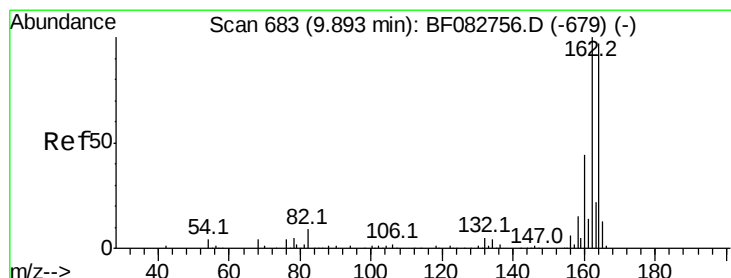
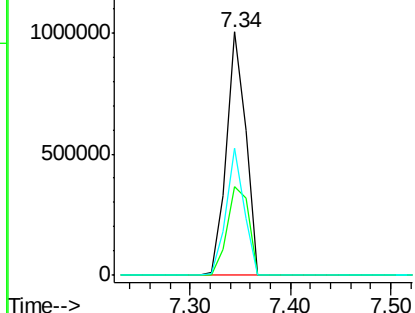
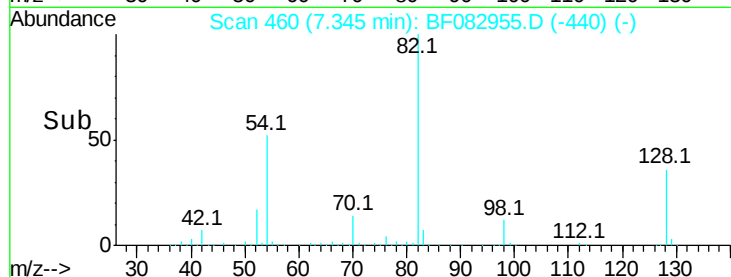
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

Tot Ion: 82 Resp: 1332434

Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.8	40.2
54	52.2	45.7	68.5



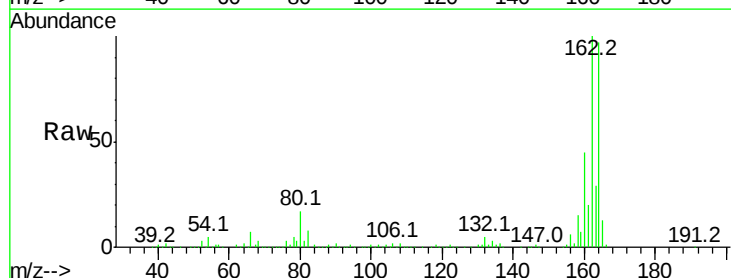
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



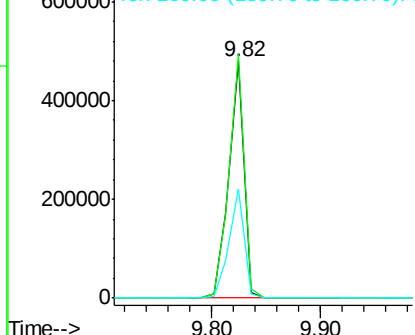
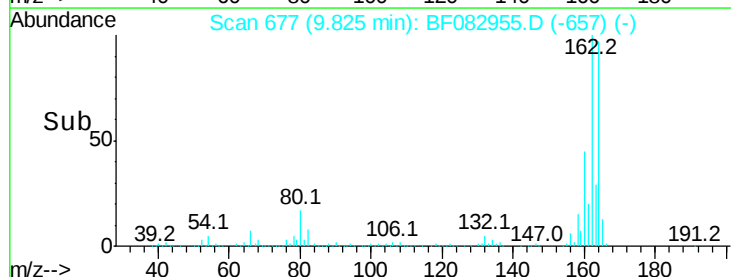
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

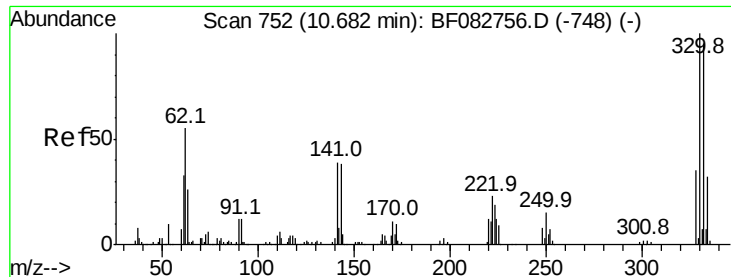
Tgt Ion:164 Resp: 462843

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.9	127.3
160	45.9	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

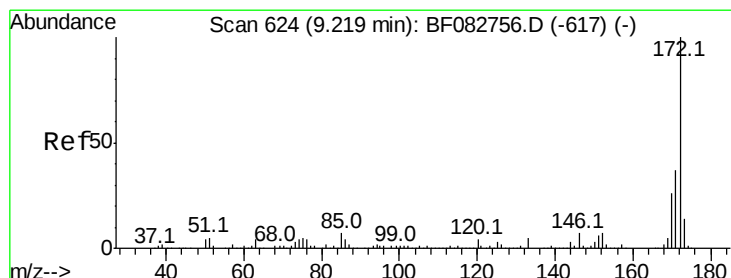
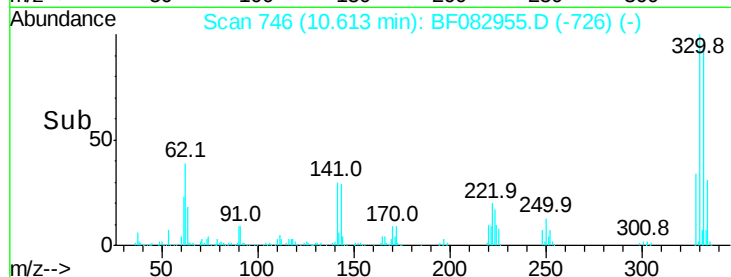
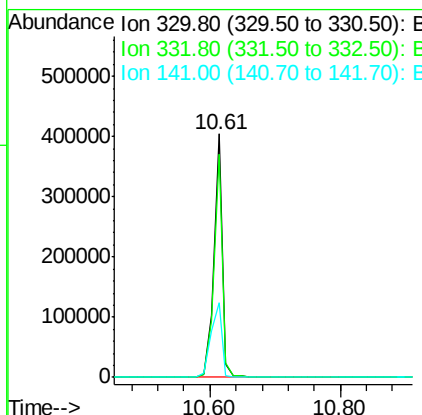
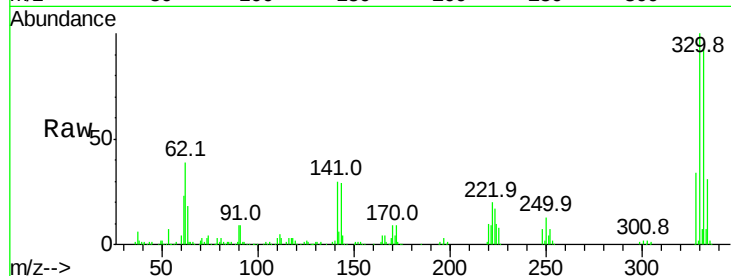




#41
 2,4,6-Tribromophenol
 Concen: 70.84 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

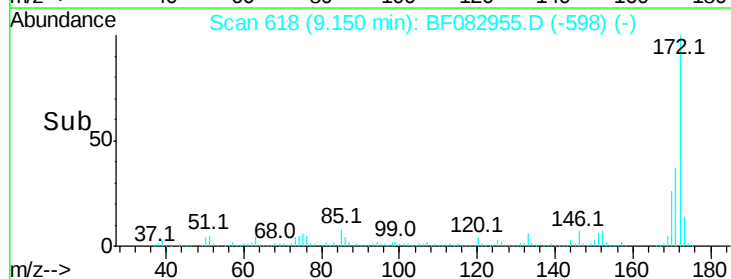
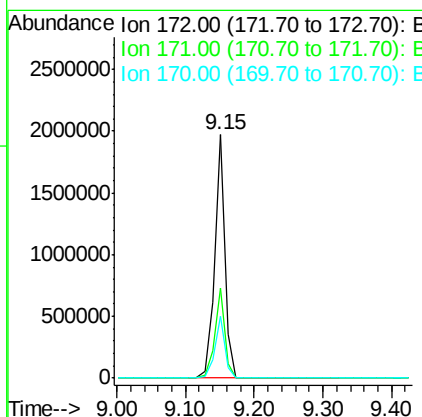
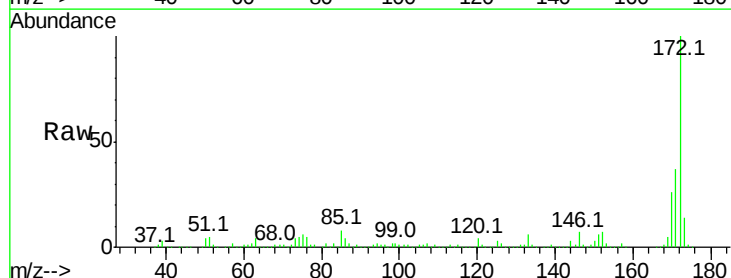
Instrument :
 BNA_F
 ClientSampleId :
 111415-A263-F-D-M

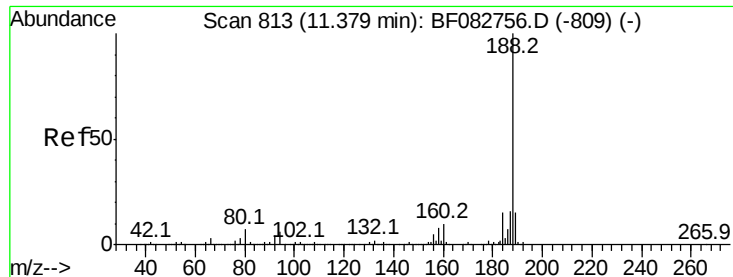
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	76.6	114.8
141	39.0	41.2	61.8#



#44
 2-Fluorobiphenyl
 Concen: 64.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082955.D
 Acq: 16 Nov 2015 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	25.6	21.2	31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

Instrument :

BNA_F

ClientSampleId :

111415-A263-F-D-M

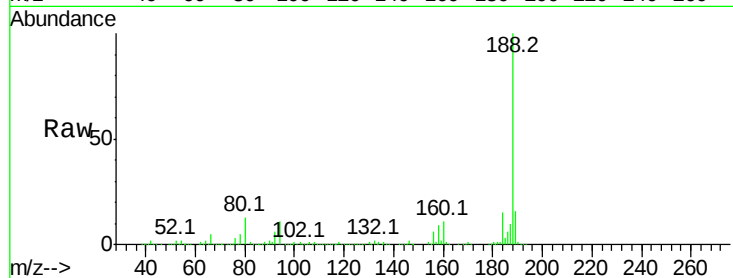
Tot Ion:188 Resp: 822508

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

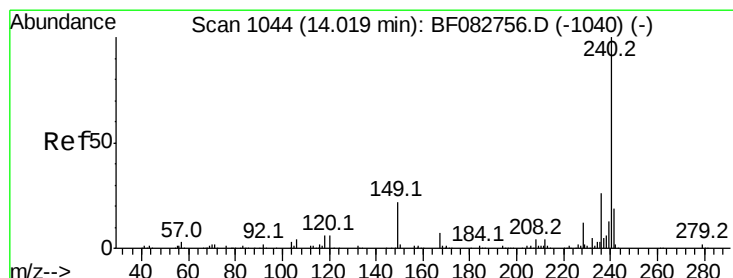
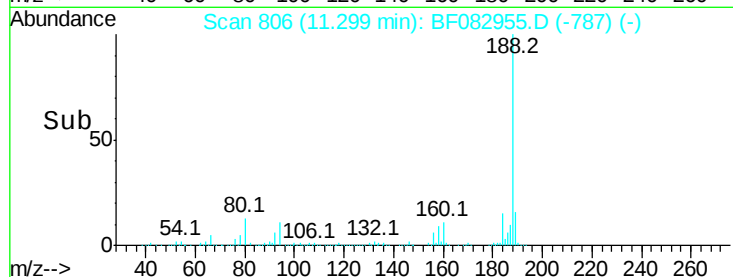
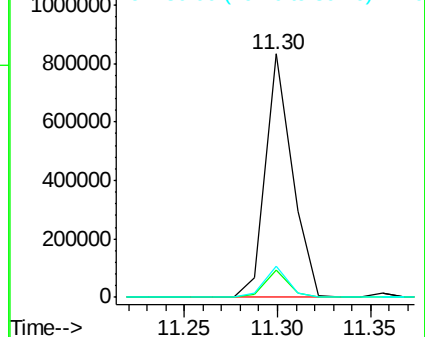
80 13.0 7.0 10.6#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

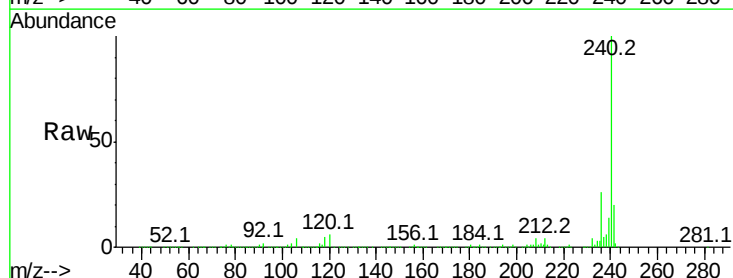
Tgt Ion:240 Resp: 843224

Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

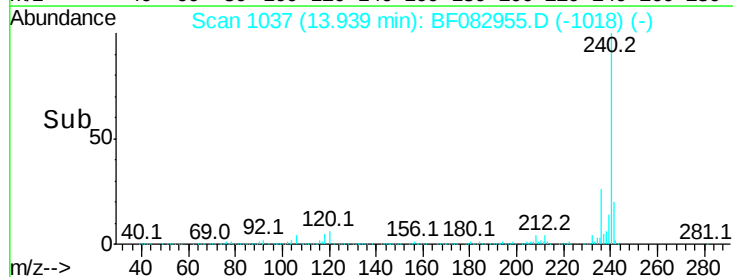
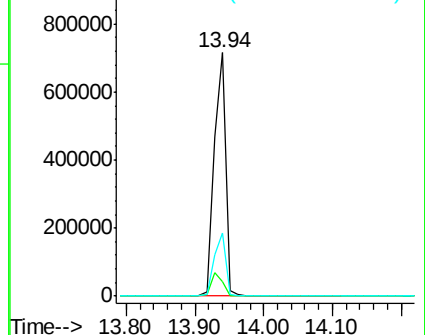
236 26.0 21.6 32.4

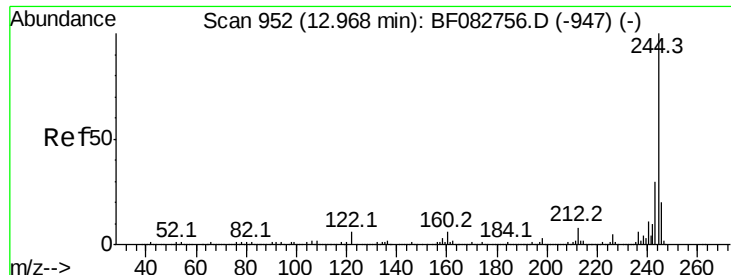


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.28 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

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111415-A263-F-D-M

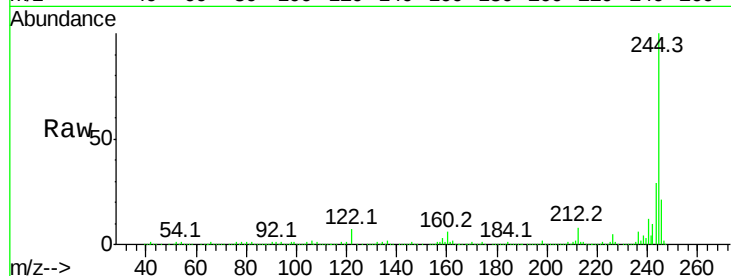
Tot Ion:244 Resp: 2427595

Ion Ratio Lower Upper

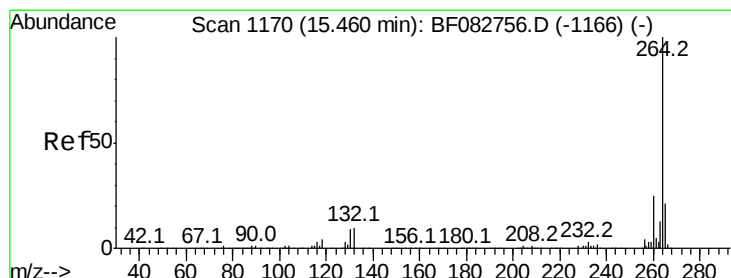
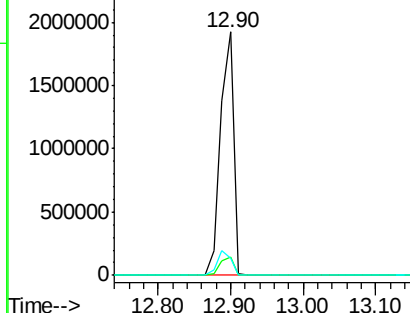
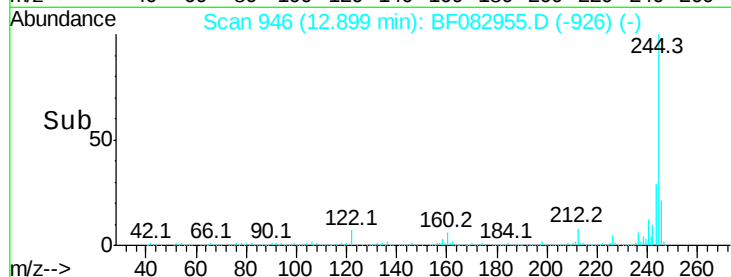
244 100

212 7.6 7.6 11.4

122 6.8 11.3 16.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.11 min

Lab File: BF082955.D

Acq: 16 Nov 2015 23:22

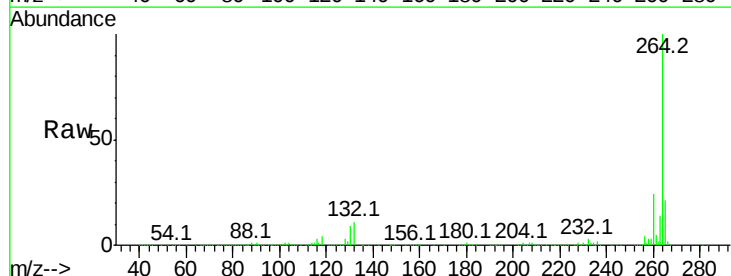
Tgt Ion:264 Resp: 666999

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.3 17.4 26.0



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

