

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082952.D
 Acq On : 16 Nov 2015 21:55
 Operator : UM/IZ
 Sample : G4446-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

Quant Time: Nov 17 07:46:05 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	214050	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	761512	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	453560	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	809778	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	827204	20.00	ng	-0.08
86) Perylene-d12	15.35	264	649571	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	338246	24.59	ng	-0.06
7) Phenol-d6	6.43	99	425256	23.25	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1275501	72.88	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	106650	20.51	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2049875	64.78	ng	-0.07
78) Terphenyl-d14	12.90	244	2412732	69.18	ng	-0.07

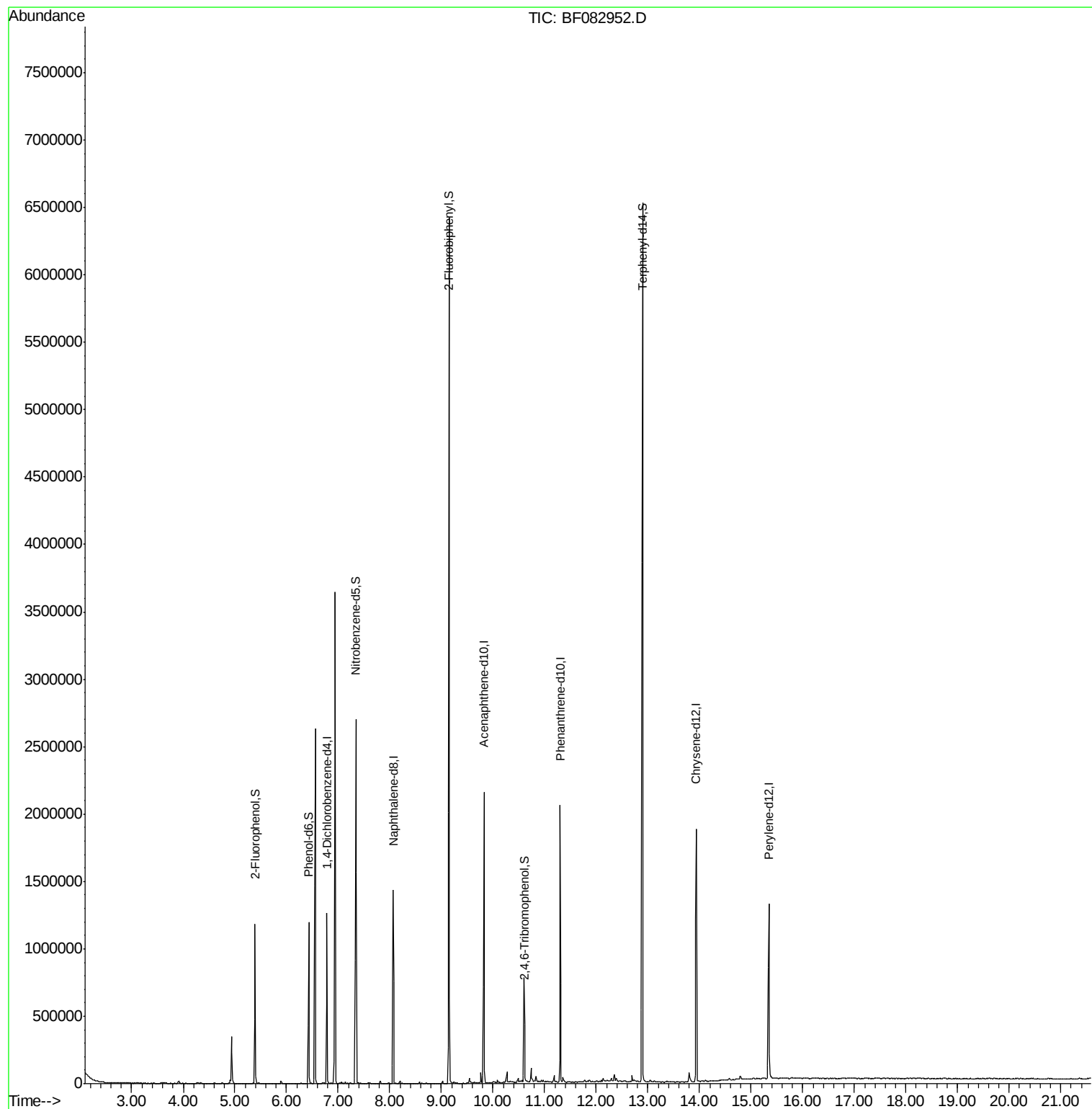
Target Compounds Qvalue

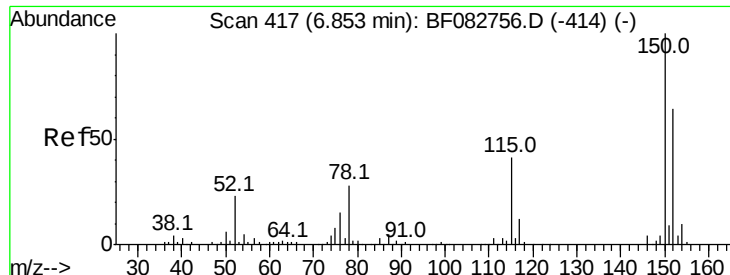
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 16 Nov 2015 21:55
Operator : UM/IZ
Sample : G4446-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111315-A263-E-D-M

Quant Time: Nov 17 07:46:05 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-D-M

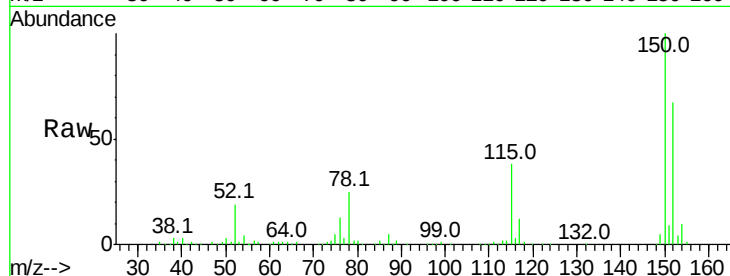
Tot Ion:152 Resp: 214050

Ion Ratio Lower Upper

152 100

150 149.9 127.0 190.4

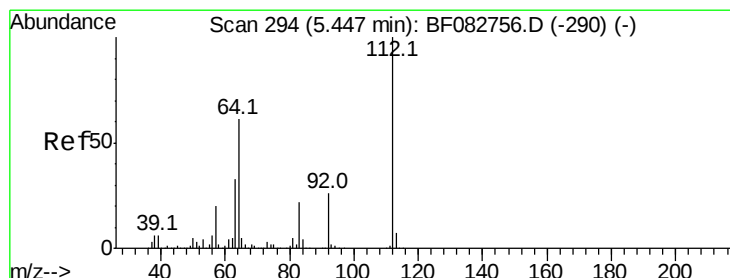
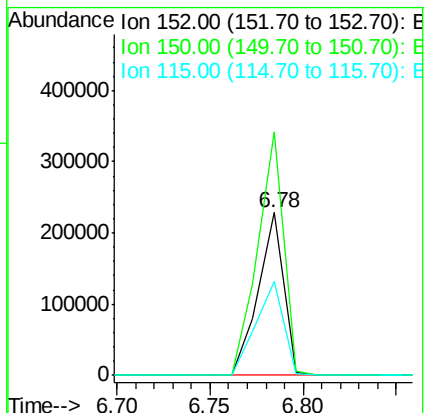
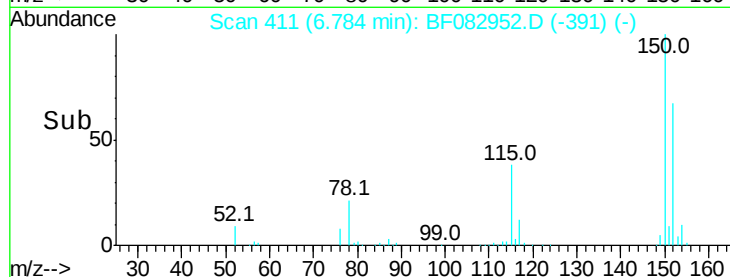
115 57.6 47.0 70.6



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: 24.59 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

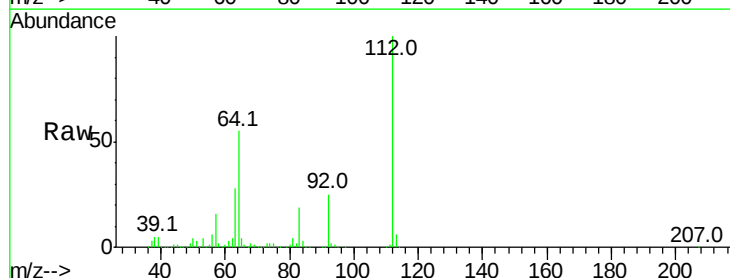
Tgt Ion:112 Resp: 338246

Ion Ratio Lower Upper

112 100

64 55.1 48.9 73.3

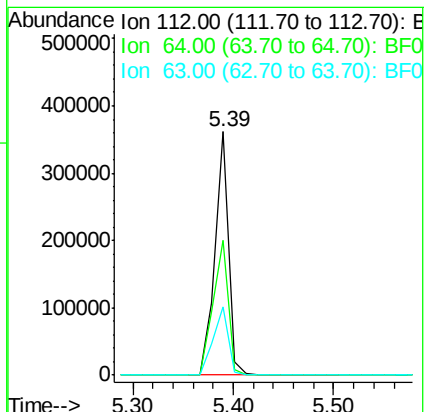
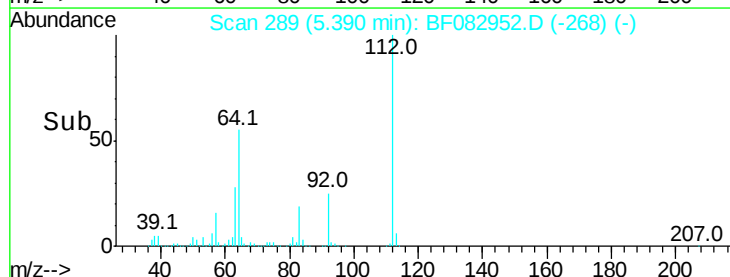
63 28.1 28.1 42.1

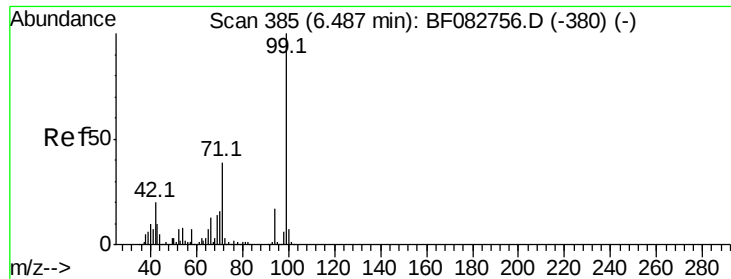


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.25 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-D-M

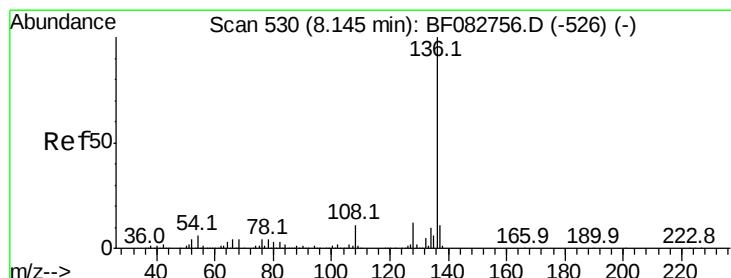
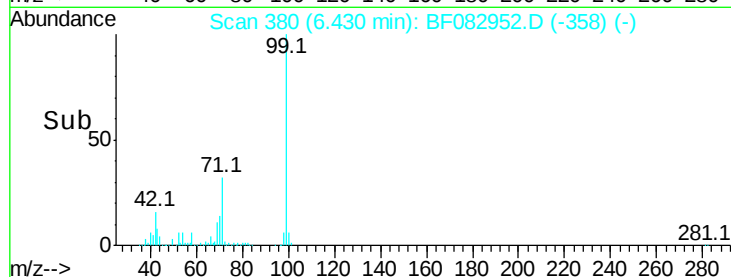
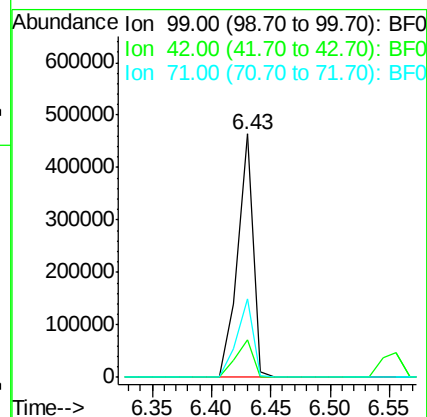
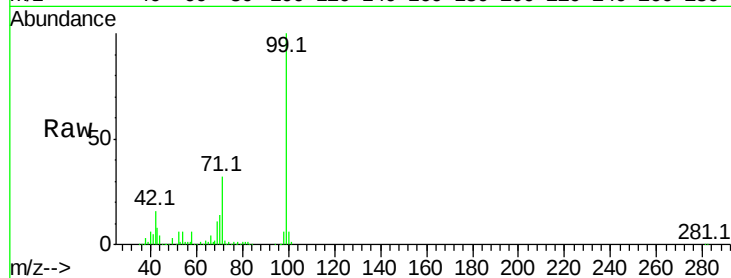
Tot Ion: 99 Resp: 425256

Ion Ratio Lower Upper

99 100

42 15.7 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: BF082952.D

Acq: 16 Nov 2015 21:55

Tgt Ion: 136 Resp: 761512

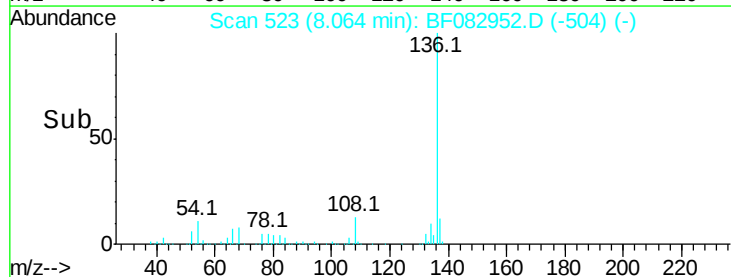
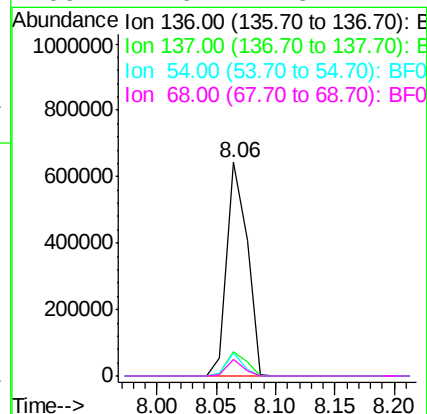
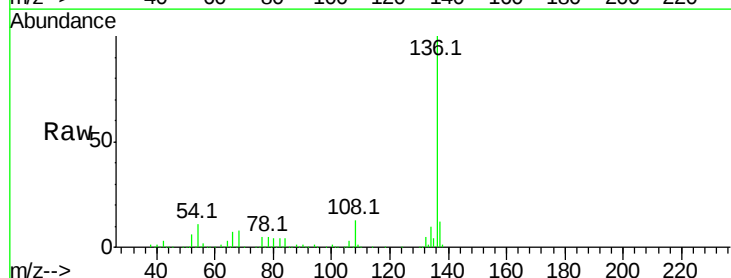
Ion Ratio Lower Upper

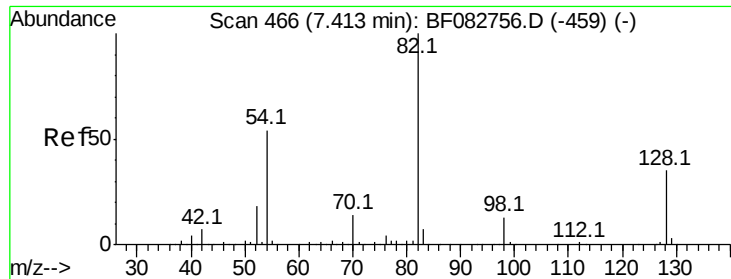
136 100

137 11.6 9.1 13.7

54 11.1 9.1 13.7

68 7.6 4.8 7.2#

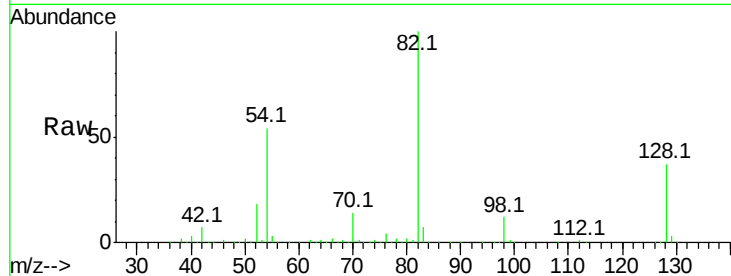




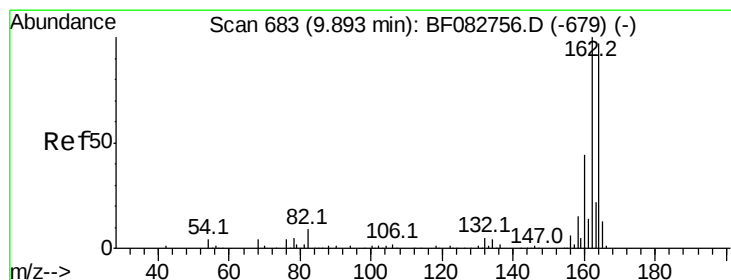
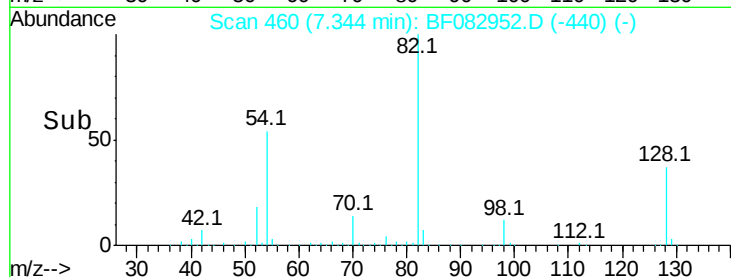
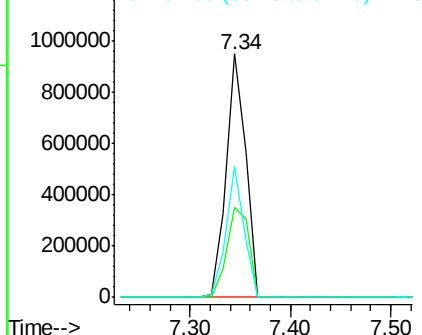
#23
Nitrobenzene-d5
Concen: 72.88 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

Instrument :
BNA_F
ClientSampleId :
111315-A263-E-D-M

Tot Ion: 82 Resp: 1275501
Ion Ratio Lower Upper
82 100
128 36.8 26.8 40.2
54 53.8 45.7 68.5

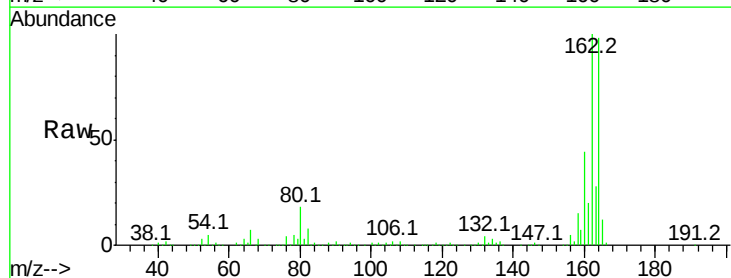


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

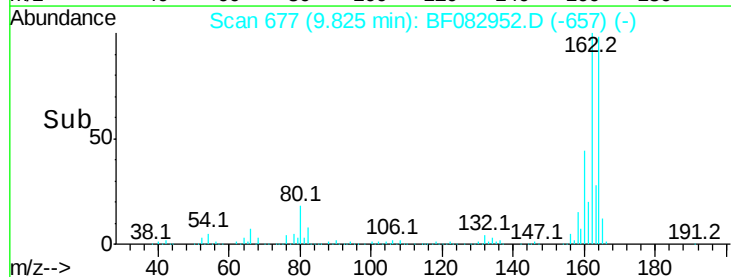
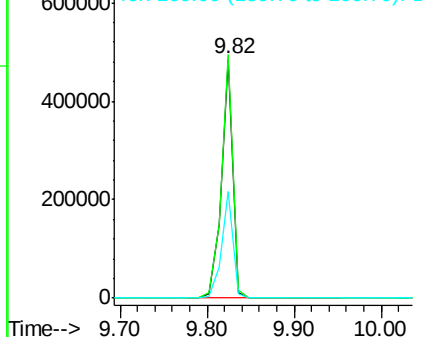


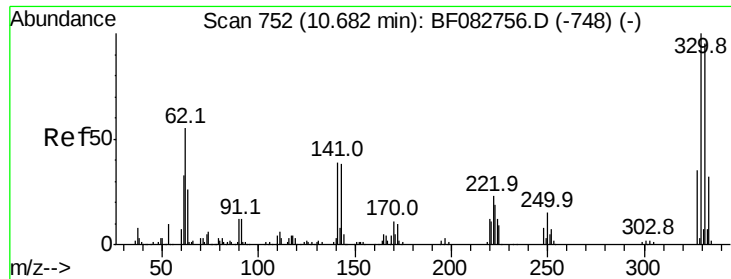
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

Tgt Ion:164 Resp: 453560
Ion Ratio Lower Upper
164 100
162 102.1 84.9 127.3
160 44.9 37.5 56.3



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

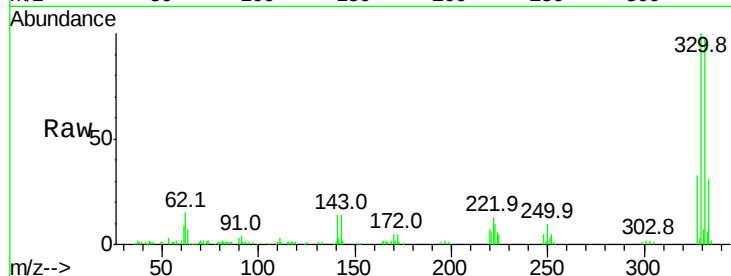




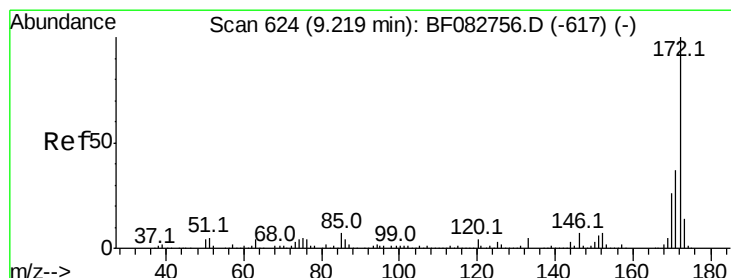
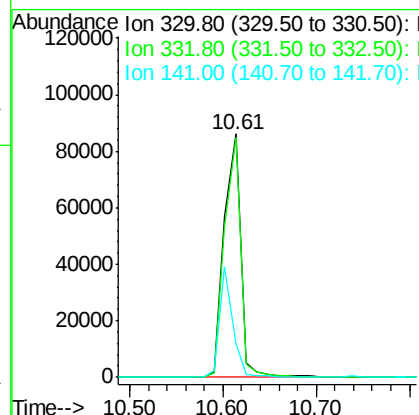
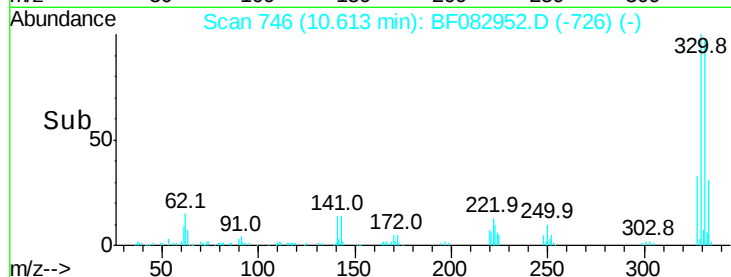
#41
 2,4,6-Tribromophenol
 Concen: 20.51 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	36.2	41.2	61.8#

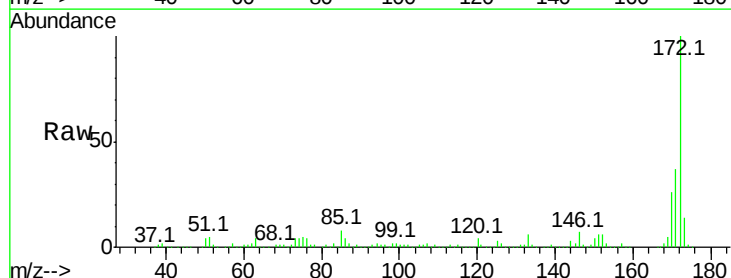


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

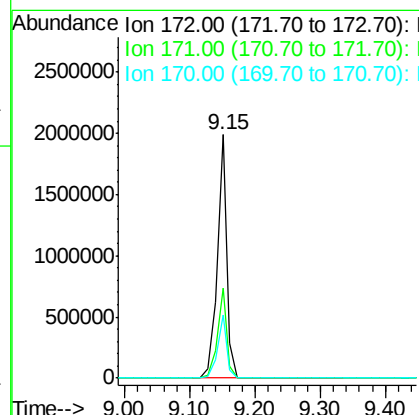
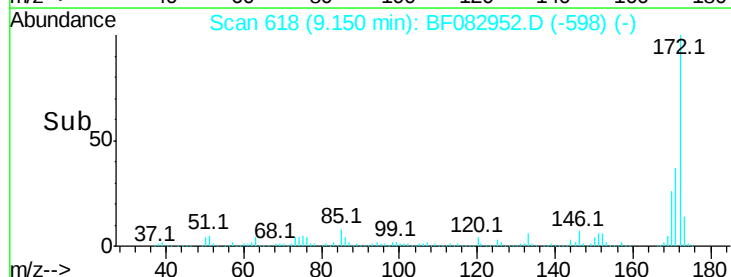


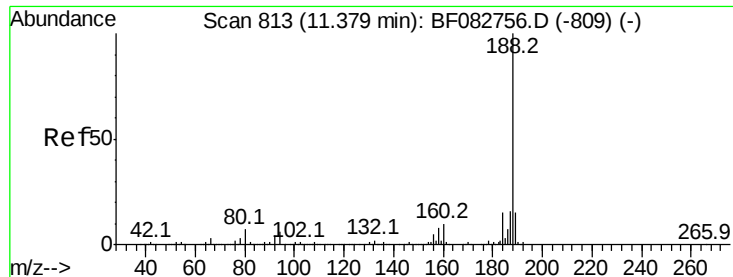
#44
 2-Fluorobiphenyl
 Concen: 64.78 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082952.D
 Acq: 16 Nov 2015 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	25.7	21.2	31.8



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

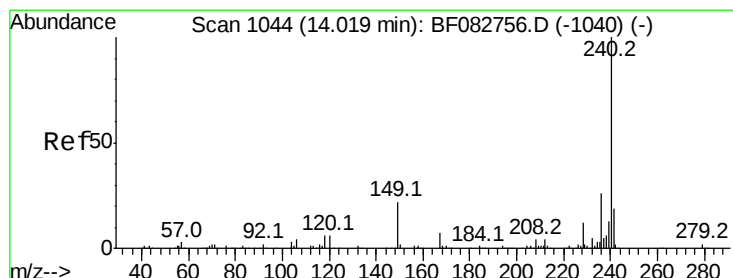
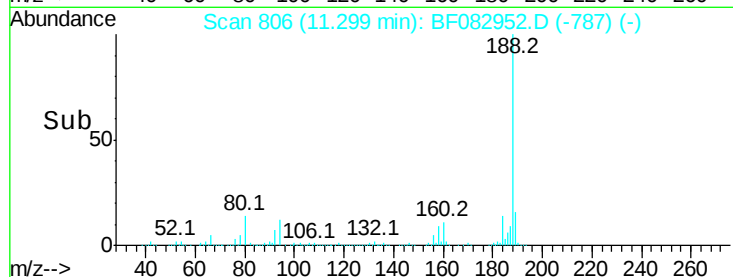
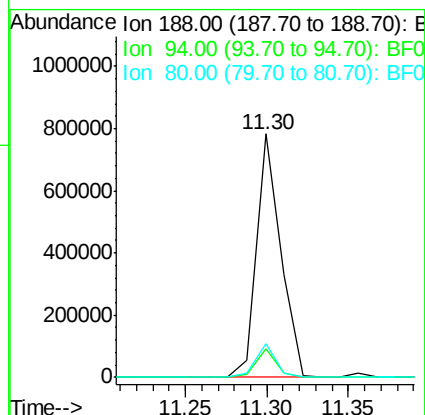
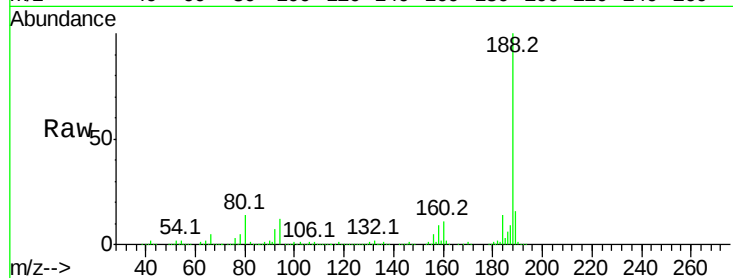




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

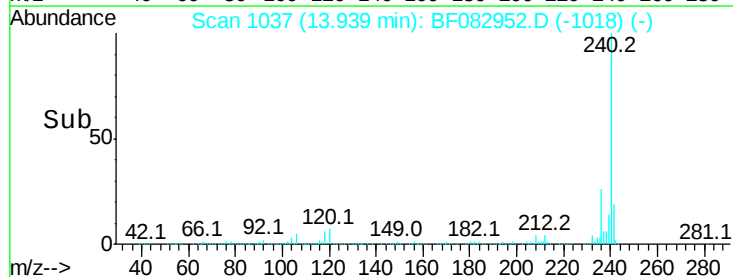
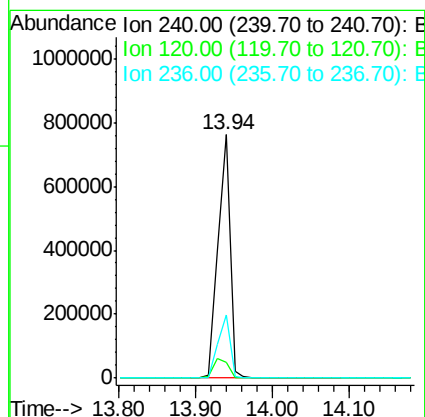
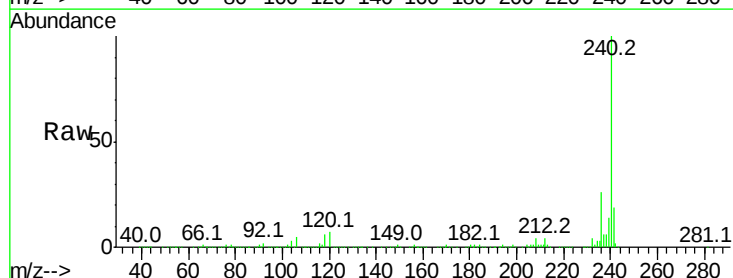
Instrument :
BNA_F
ClientSampleId :
111315-A263-E-D-M

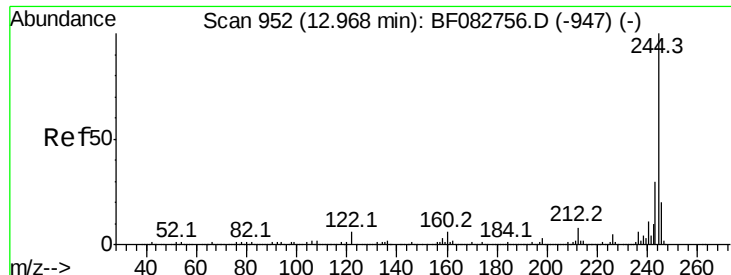
Tot Ion:188 Resp: 809778
Ion Ratio Lower Upper
188 100
94 12.0 6.1 9.1#
80 13.6 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082952.D
Acq: 16 Nov 2015 21:55

Tgt Ion:240 Resp: 827204
Ion Ratio Lower Upper
240 100
120 6.6 10.9 16.3#
236 26.1 21.6 32.4





#78

Terphenyl-d14

Concen: 69.18 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082952.D

Acq: 16 Nov 2015 21:55

Instrument :

BNA_F

ClientSampleId :

111315-A263-E-D-M

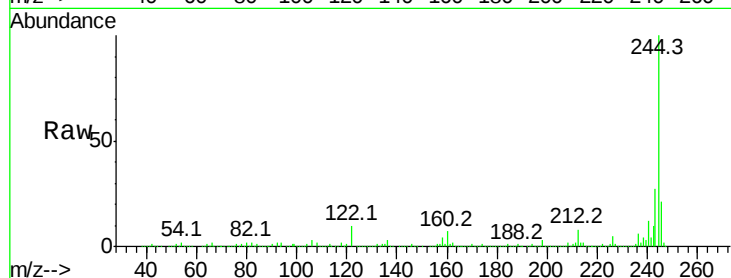
Tot Ion:244 Resp: 2412732

Ion Ratio Lower Upper

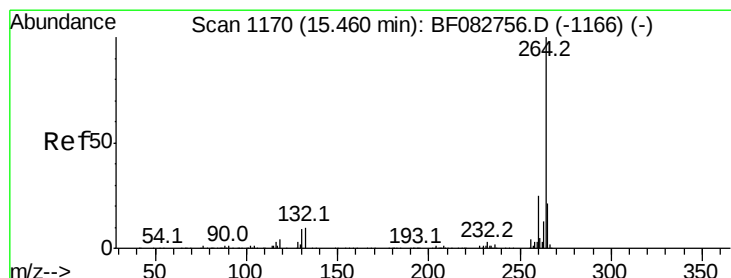
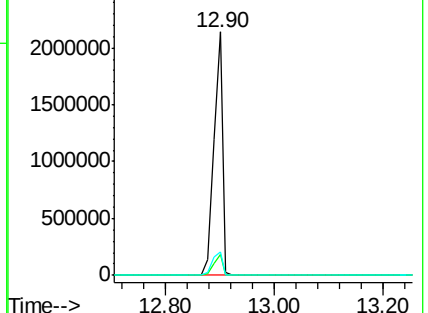
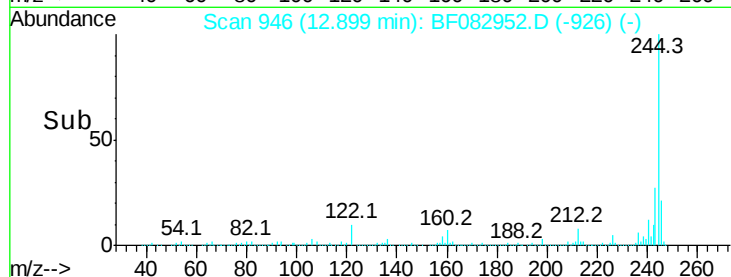
244 100

212 8.3 7.6 11.4

122 9.6 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: BF082952.D

Acq: 16 Nov 2015 21:55

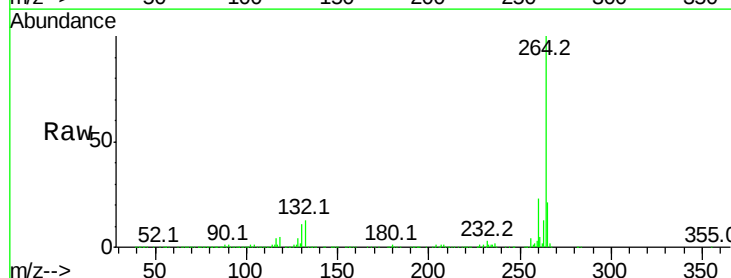
Tgt Ion:264 Resp: 649571

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.4 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

