

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083308.D
 Acq On : 26 Nov 2015 9:36
 Operator : UM/IZ
 Sample : G4572-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-D-B

Quant Time: Nov 26 12:58:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	147436	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	505195	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	208978	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	367033	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	422205	20.00	ng	-0.08
86) Perylene-d12	15.07	264	303642	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	429165	44.01	ng	-0.09
7) Phenol-d6	6.26	99	356351	28.24	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1142330	103.32	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	170720	79.85	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1396669	93.20	ng	-0.07
78) Terphenyl-d14	12.68	244	1212434	67.62	ng	-0.08

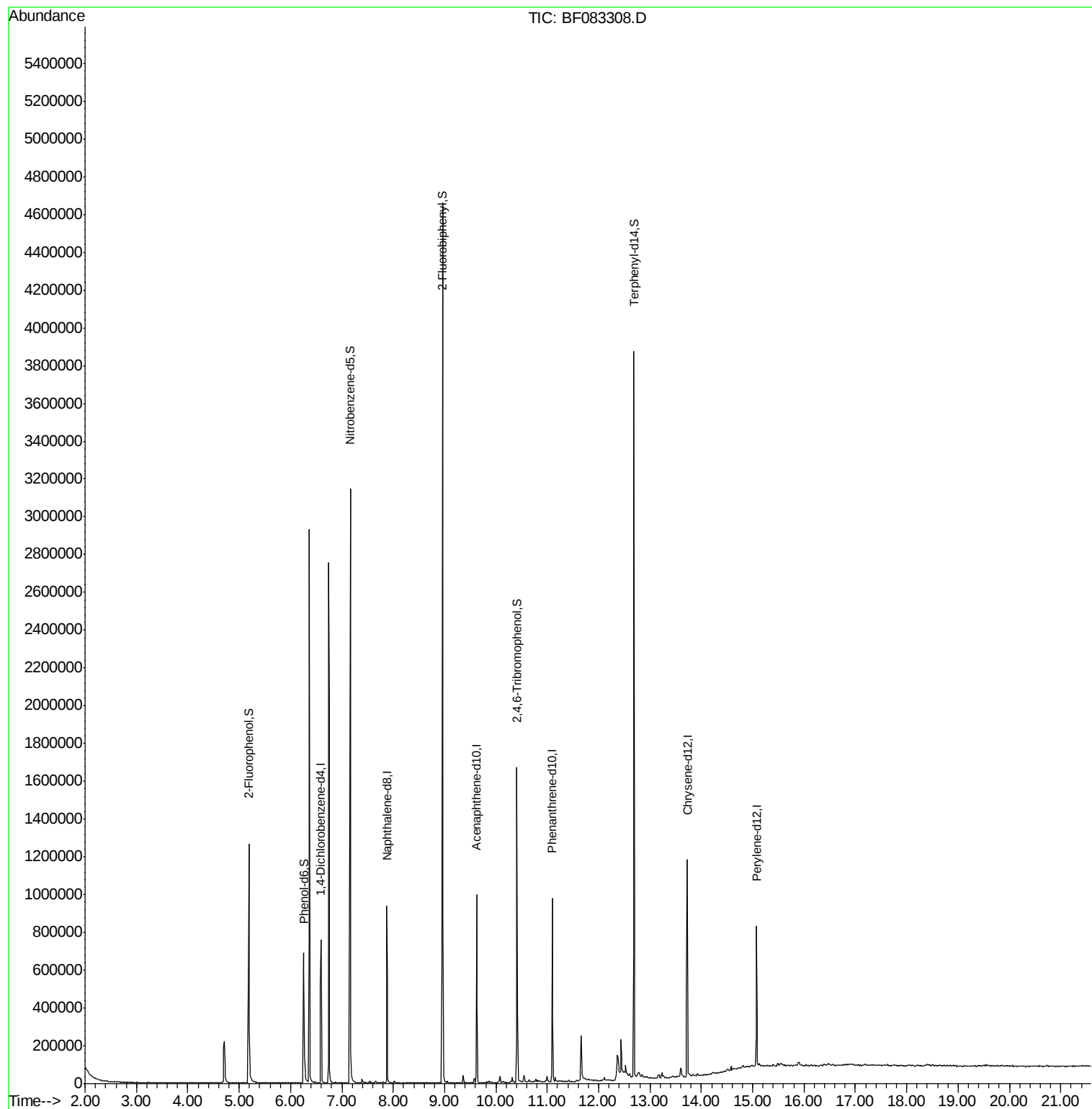
Target Compounds Qvalue

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

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Quant Time: Nov 26 12:58:20 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-B

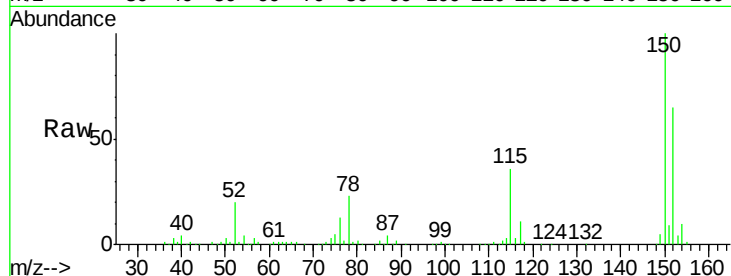
Tot Ion:152 Resp: 147436

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.8

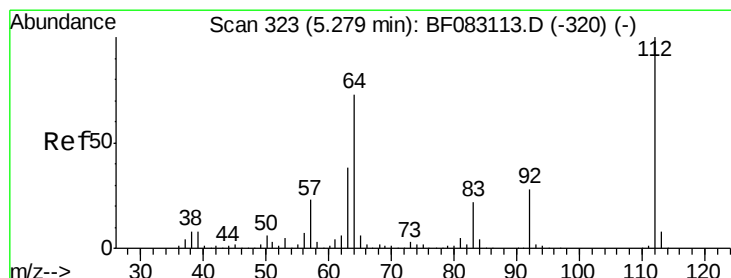
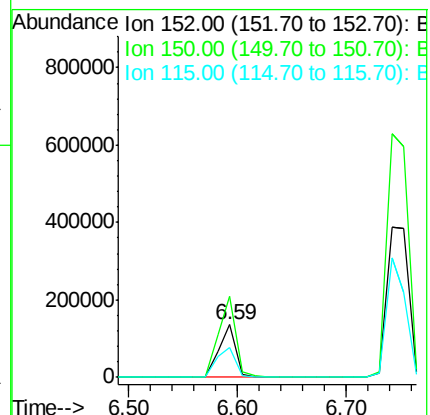
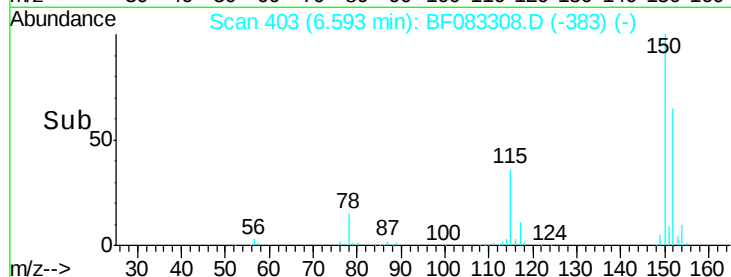
115 56.1 46.9 70.3



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: 44.01 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

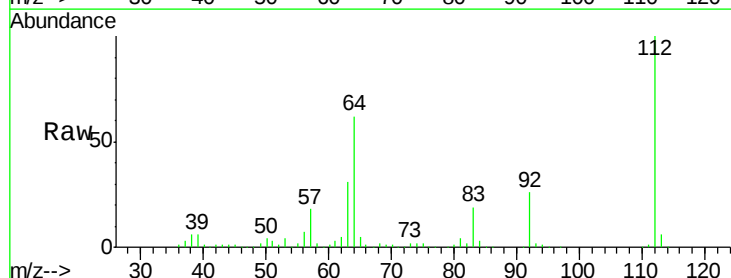
Tgt Ion:112 Resp: 429165

Ion Ratio Lower Upper

112 100

64 62.2 58.4 87.6

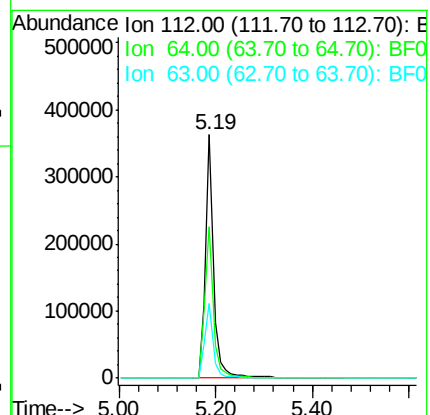
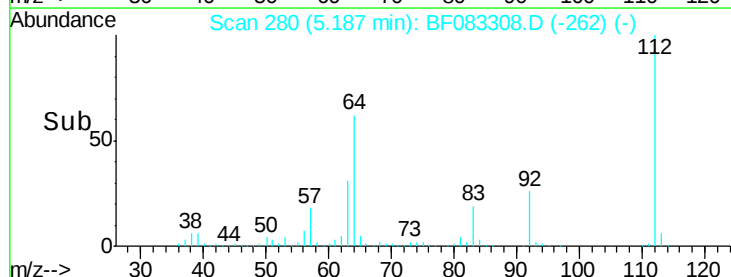
63 30.9 30.0 45.0

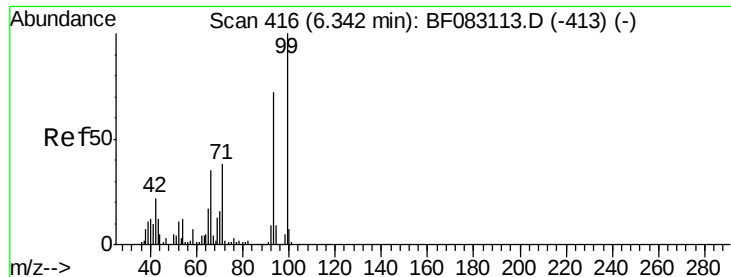


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.24 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-B

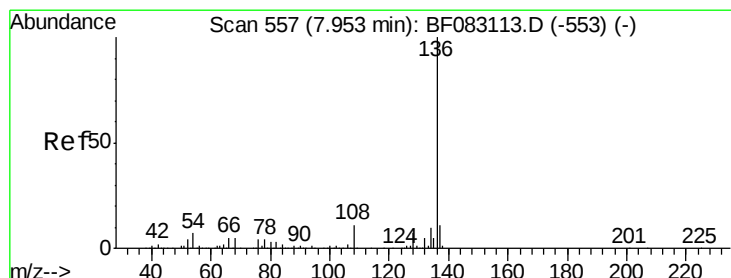
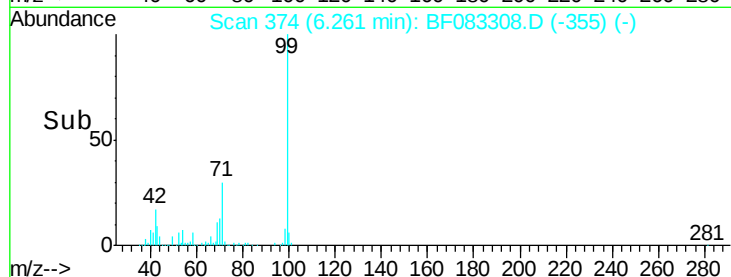
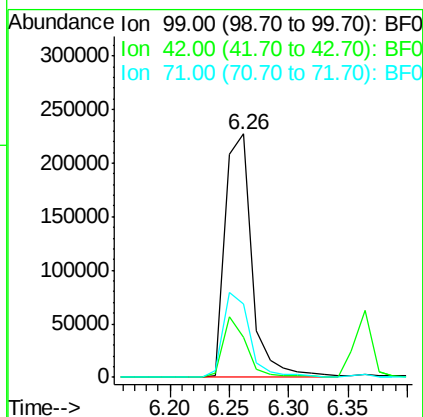
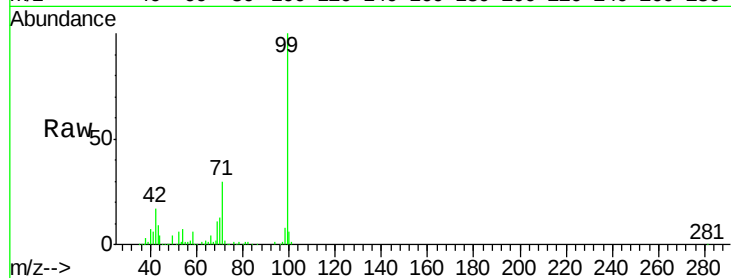
Tot Ion: 99 Resp: 356351

Ion Ratio Lower Upper

99 100

42 16.6 17.7 26.5#

71 30.1 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Tgt Ion: 136 Resp: 505195

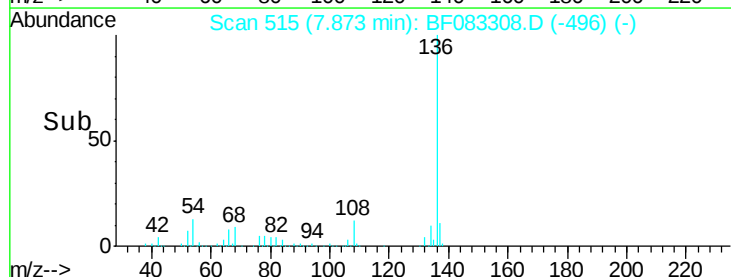
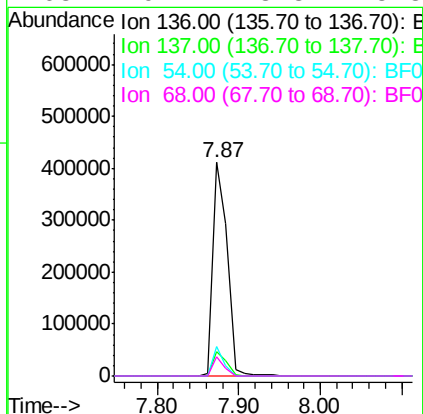
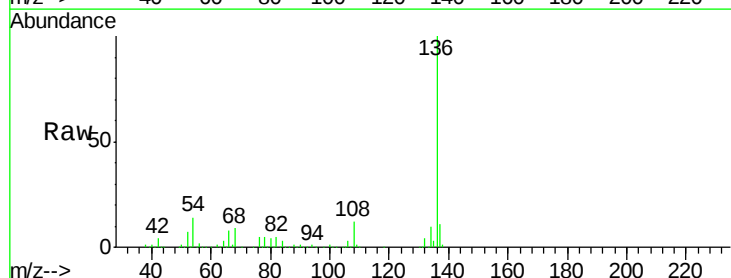
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 13.6 5.8 8.6#

68 9.1 3.8 5.8#

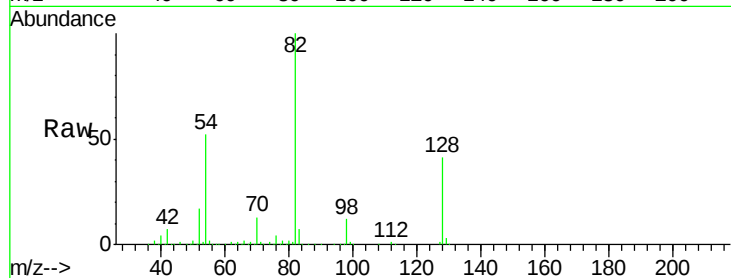




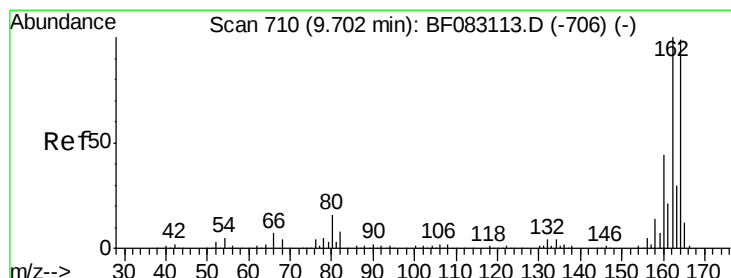
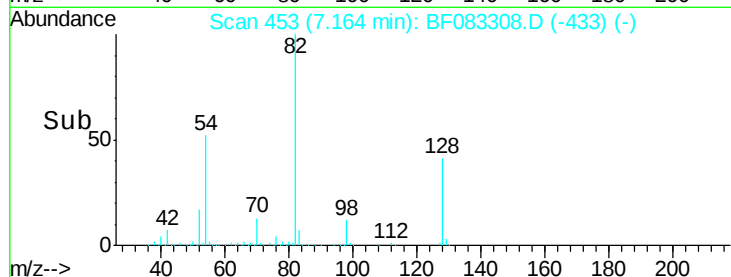
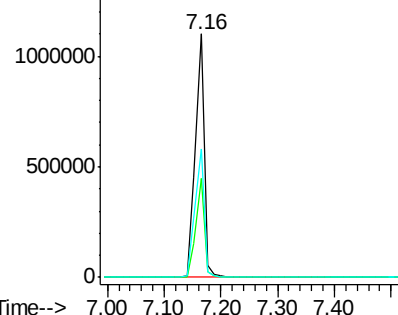
#23
Nitrobenzene-d5
Concen: 103.32 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Instrument :
BNA_F
ClientSampleId :
112415-A263-E-D-B

Tot Ion: 82 Resp: 1142330
Ion Ratio Lower Upper
82 100
128 40.6 28.5 42.7
54 52.5 44.6 67.0

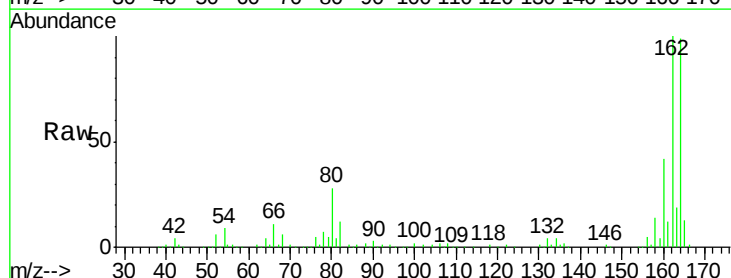


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

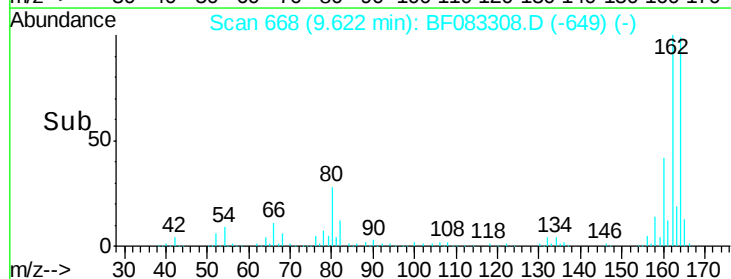
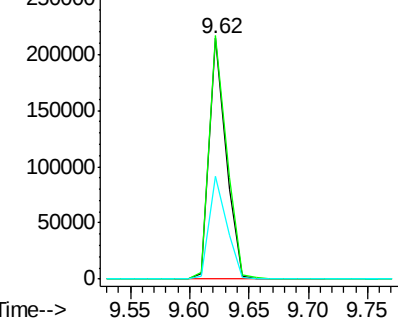


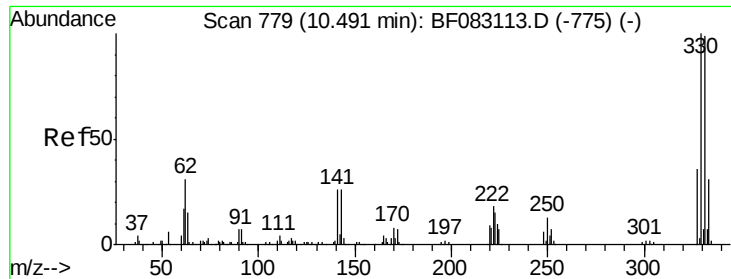
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Tgt Ion:164 Resp: 208978
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 42.8 35.6 53.4



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

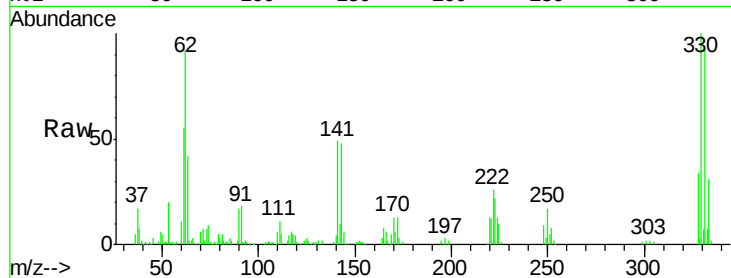




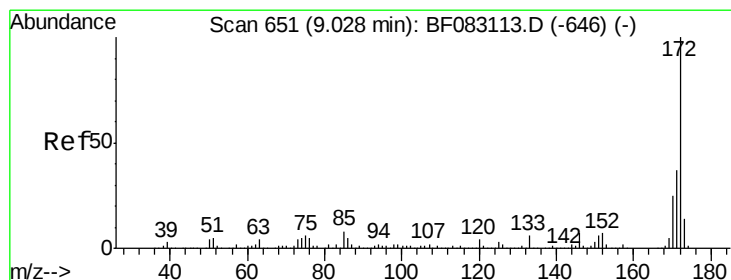
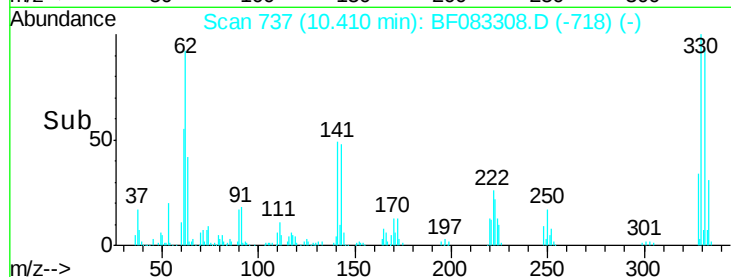
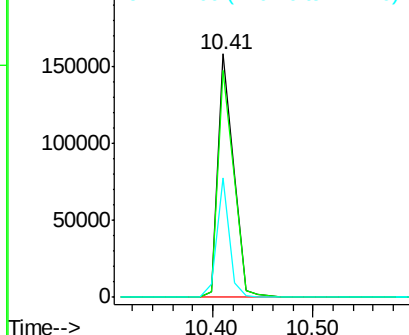
#41
 2,4,6-Tribromophenol
 Concen: 79.85 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083308.D
 Acq: 26 Nov 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.7	116.5
141	39.0	29.7	44.5

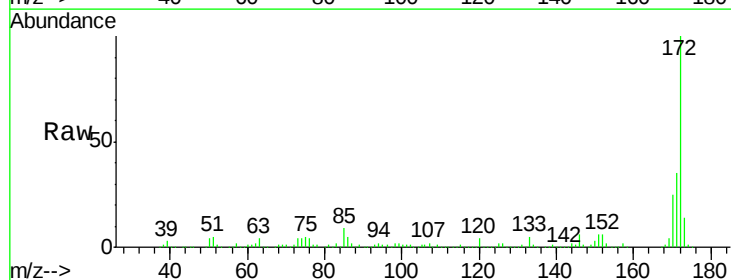


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

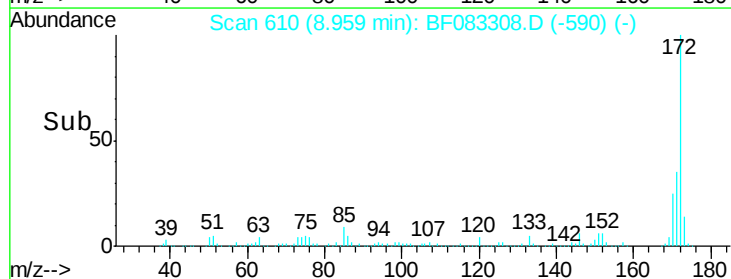
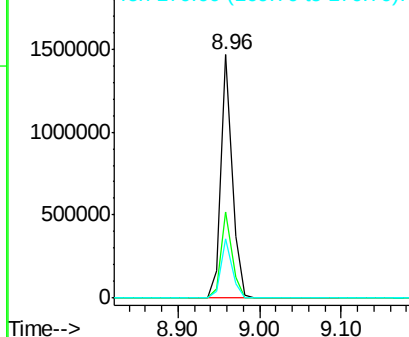


#44
 2-Fluorobiphenyl
 Concen: 93.20 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083308.D
 Acq: 26 Nov 2015 9:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	24.5	19.9	29.9



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

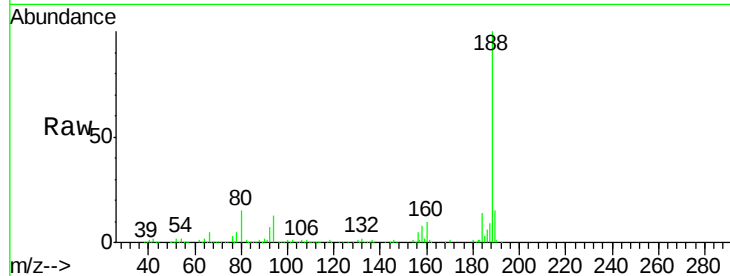




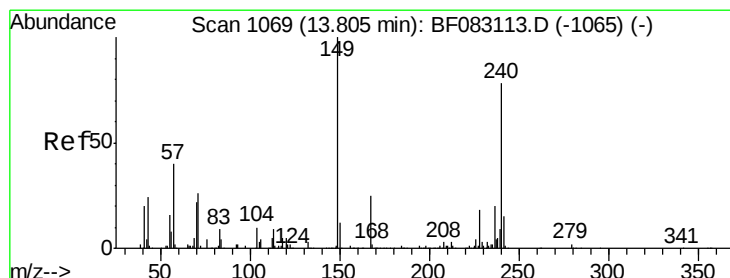
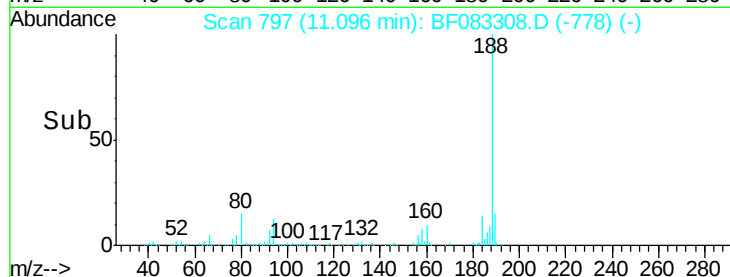
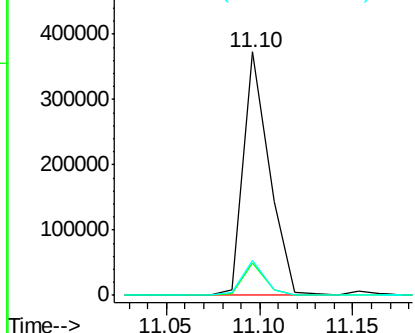
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Instrument :
BNA_F
ClientSampleId :
112415-A263-E-D-B

Tot Ion:188 Resp: 367033
Ion Ratio Lower Upper
188 100
94 13.2 6.0 9.0#
80 14.6 6.7 10.1#

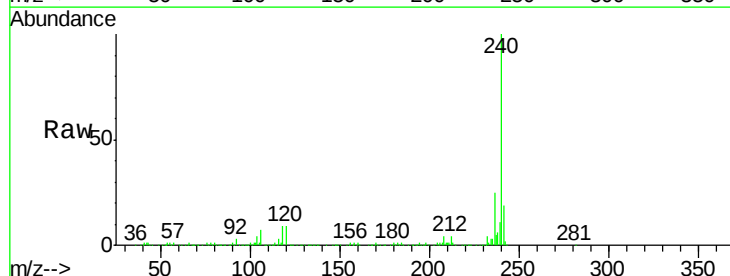


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

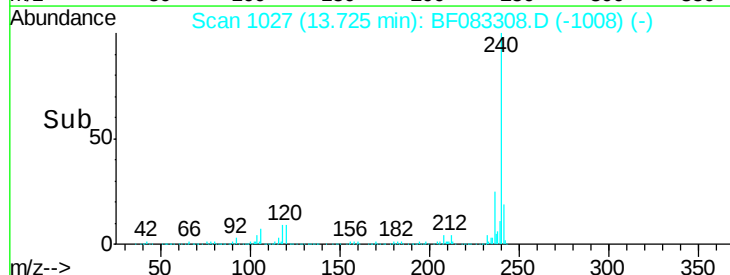
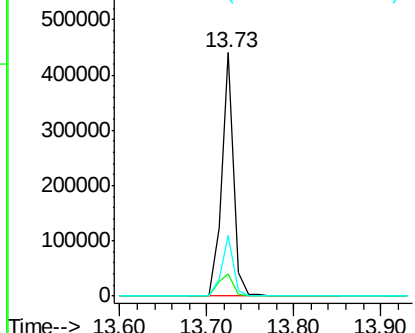


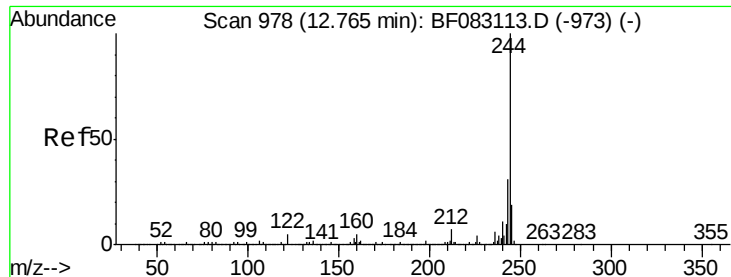
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Tgt Ion:240 Resp: 422205
Ion Ratio Lower Upper
240 100
120 9.2 5.4 8.2#
236 25.1 20.6 31.0



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: 67.62 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-B

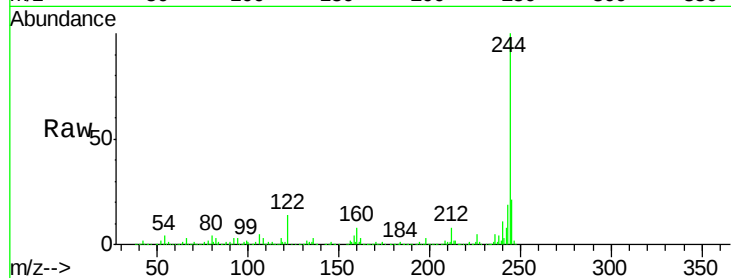
Tot Ion:244 Resp: 1212434

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

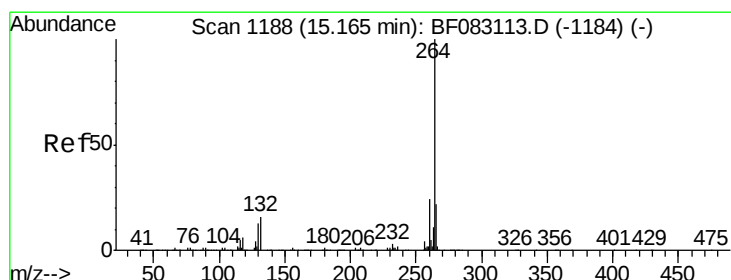
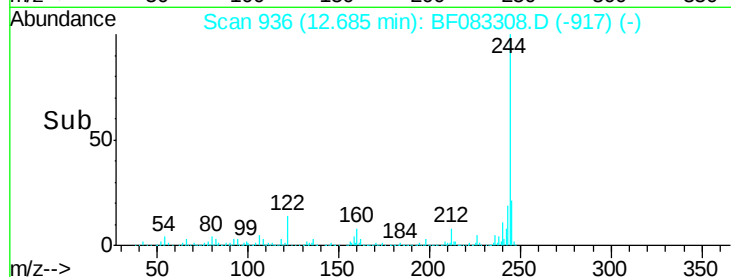
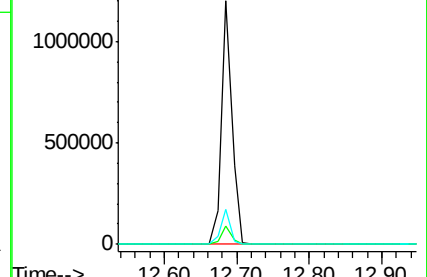
122 14.4 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

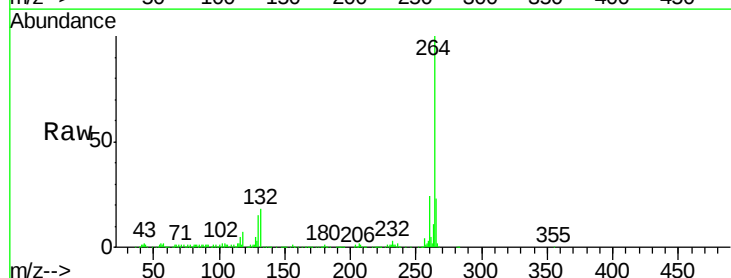
Tgt Ion:264 Resp: 303642

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.9 18.2 27.4



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

