

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083311.D
 Acq On : 26 Nov 2015 11:04
 Operator : UM/IZ
 Sample : G4572-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-S

Quant Time: Nov 26 16:27:51 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	151420	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	514219	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	216793	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	398762	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	426758	20.00	ng	-0.08
86) Perylene-d12	15.07	264	318597	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	407968	40.73	ng	-0.09
7) Phenol-d6	6.25	99	355673	27.45	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1063632	94.52	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	167441	75.49	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1367195	87.94	ng	-0.07
78) Terphenyl-d14	12.69	244	1158185	63.91	ng	-0.08

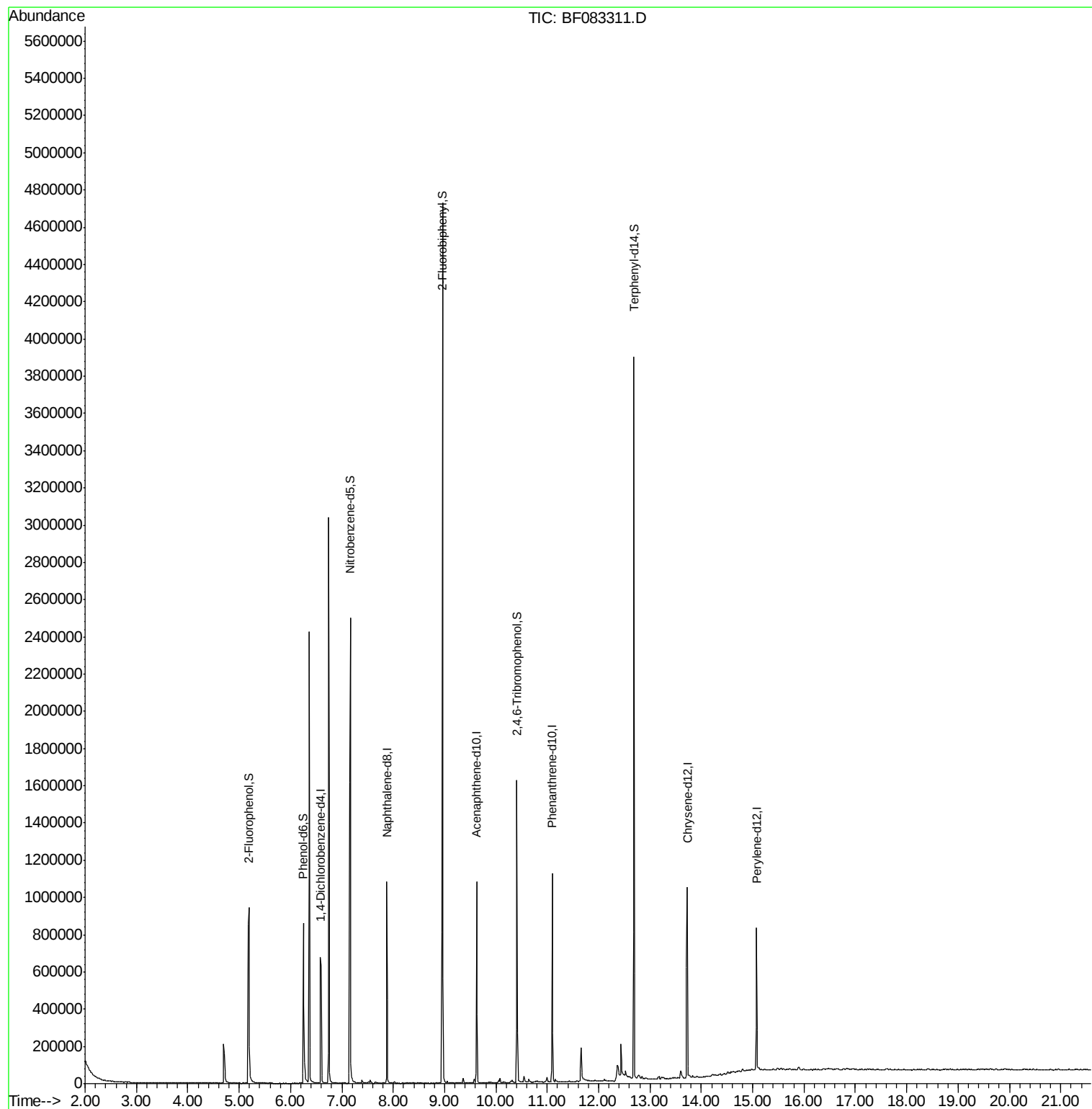
Target Compounds Qvalue

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

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BNA_F
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Quant Time: Nov 26 16:27:51 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: BF083311.D

Acq: 26 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-U-S

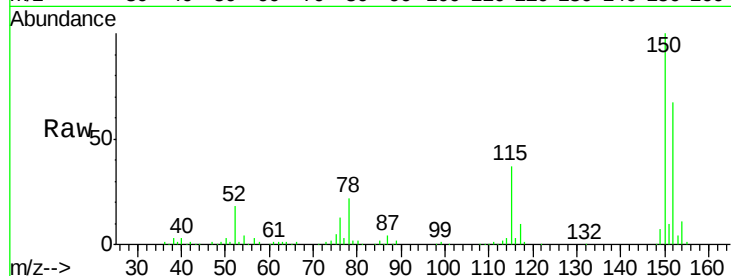
Tot Ion:152 Resp: 151420

Ion Ratio Lower Upper

152 100

150 150.2 125.8 188.8

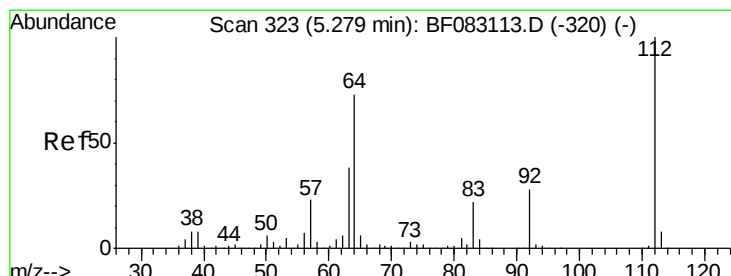
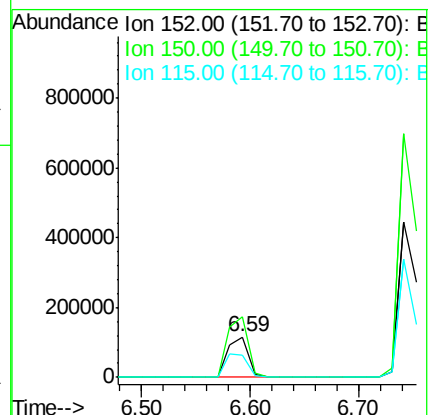
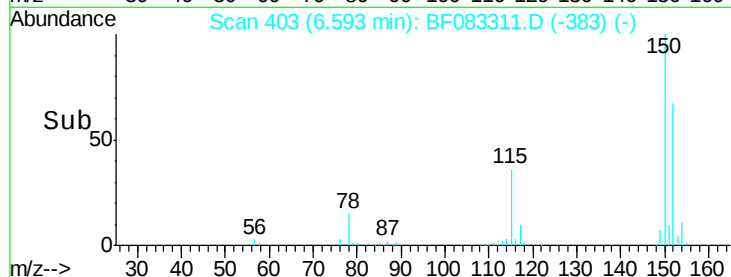
115 54.9 46.9 70.3



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: 40.73 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

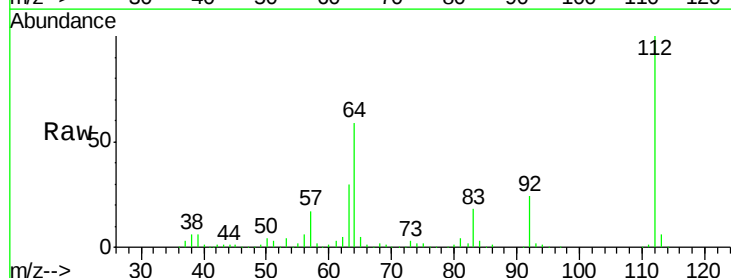
Tgt Ion:112 Resp: 407968

Ion Ratio Lower Upper

112 100

64 58.9 58.4 87.6

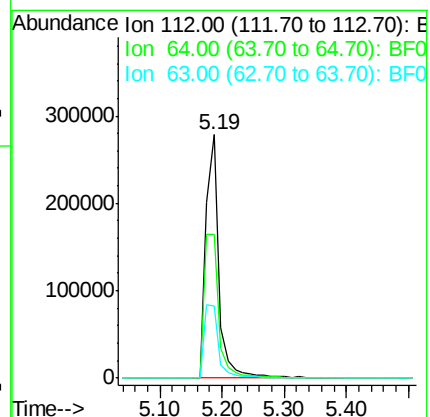
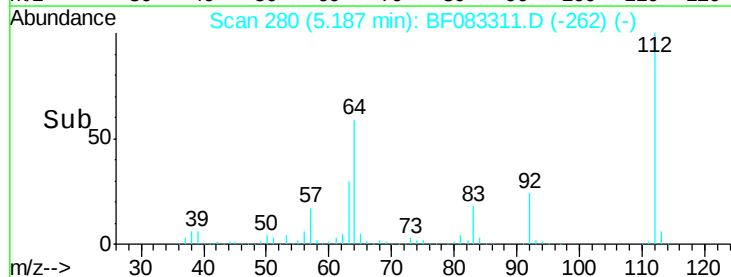
63 29.8 30.0 45.0#



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: 27.45 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-U-S

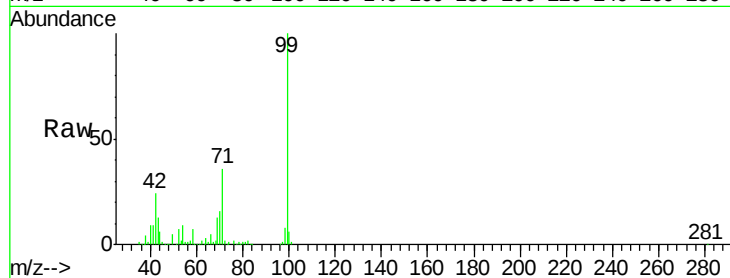
Tot Ion: 99 Resp: 355673

Ion Ratio Lower Upper

99 100

42 23.8 17.7 26.5

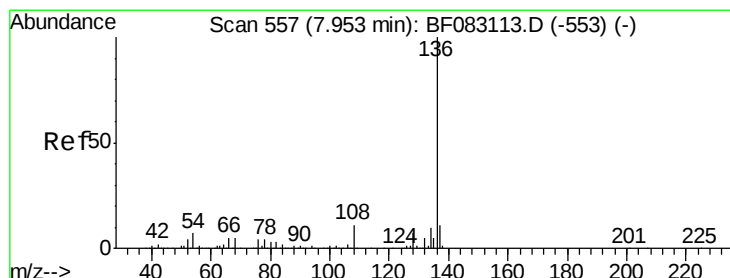
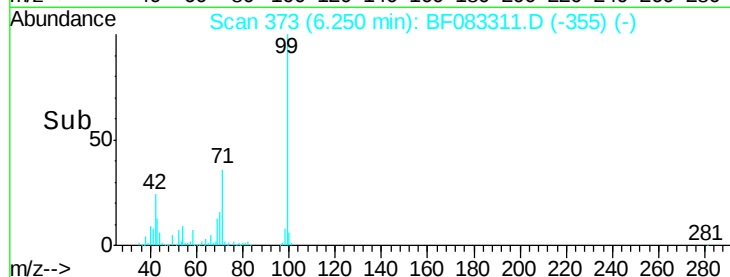
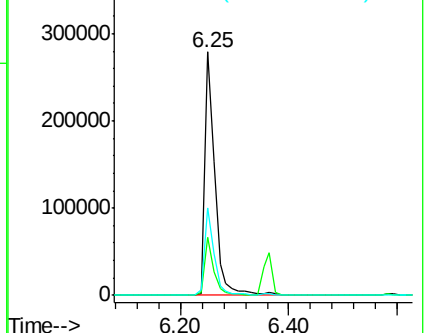
71 36.0 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

Tgt Ion: 136 Resp: 514219

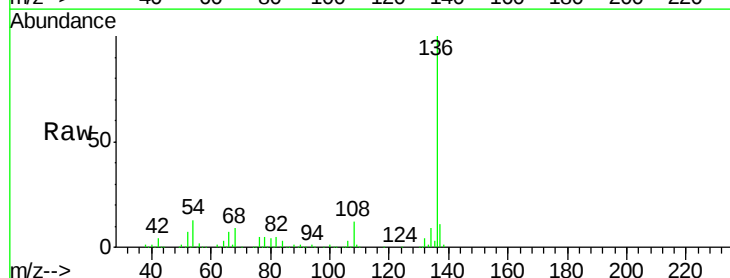
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 12.7 5.8 8.6#

68 8.7 3.8 5.8#

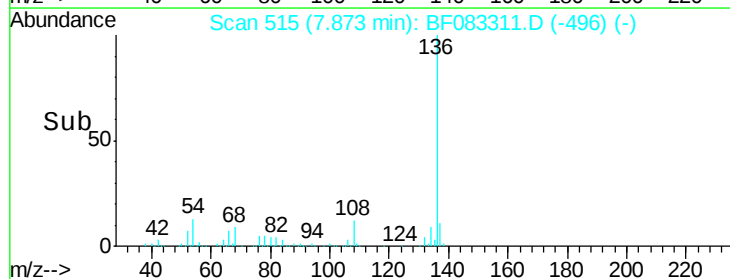
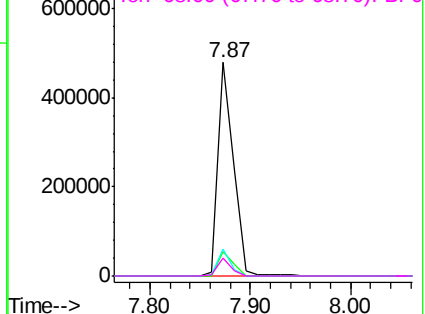


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

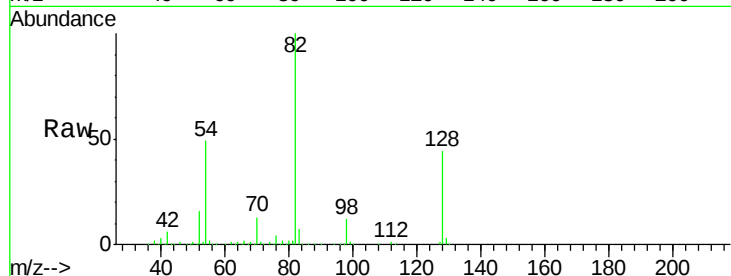




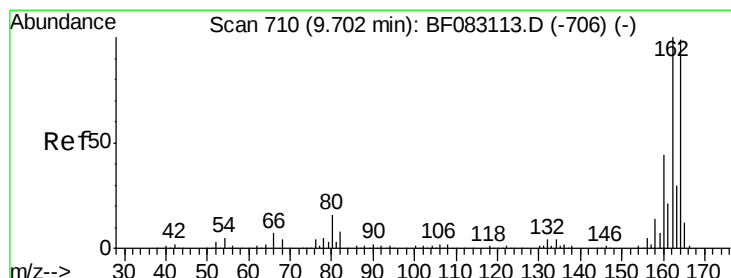
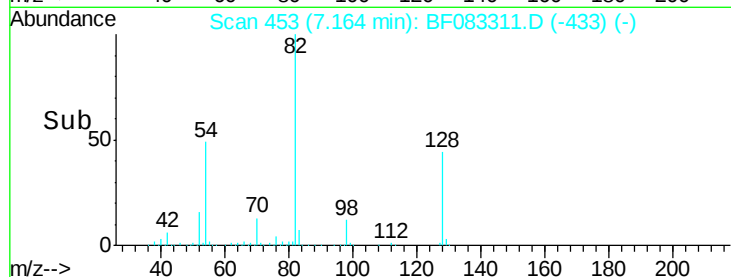
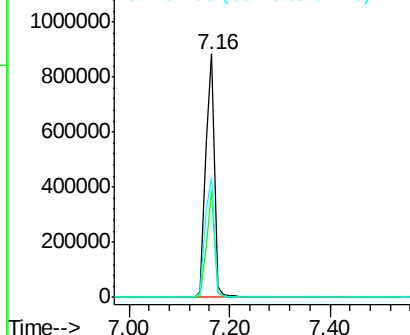
#23
 Nitrobenzene-d5
 Concen: 94.52 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-S

Tot Ion: 82 Resp: 1063632
 Ion Ratio Lower Upper
 82 100
 128 43.7 28.5 42.7#
 54 48.9 44.6 67.0

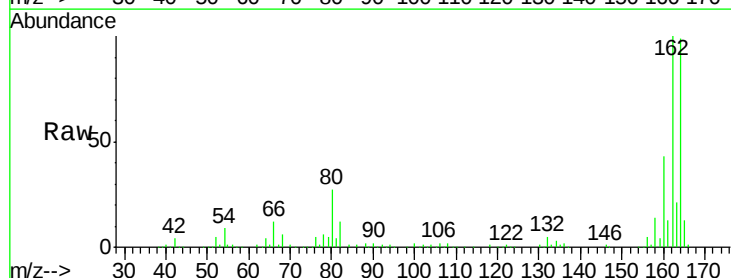


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

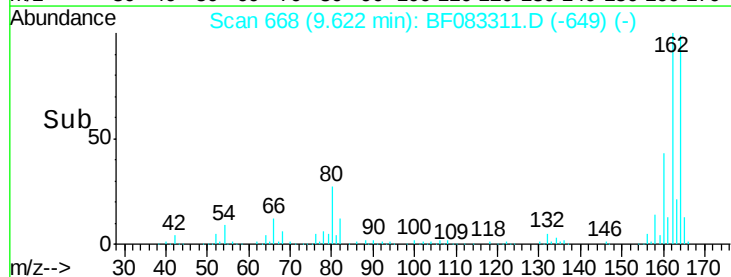
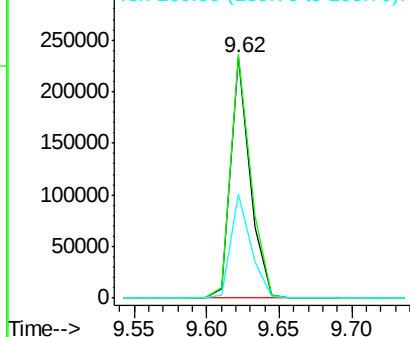


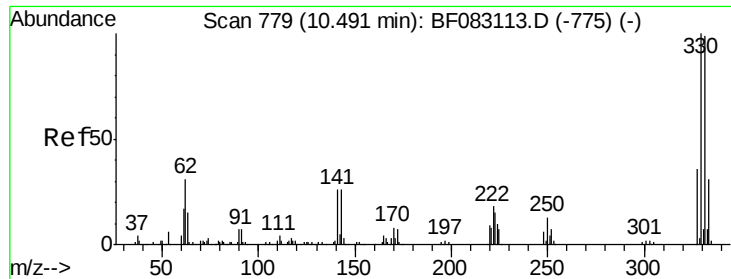
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion: 164 Resp: 216793
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 43.0 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

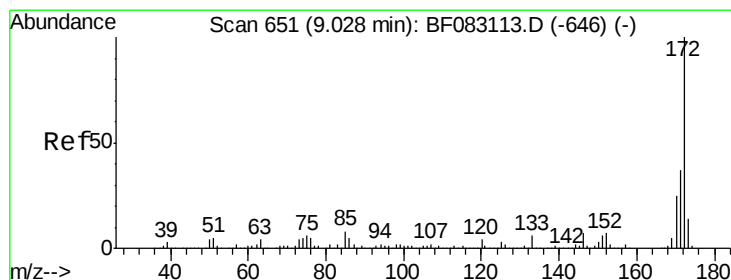
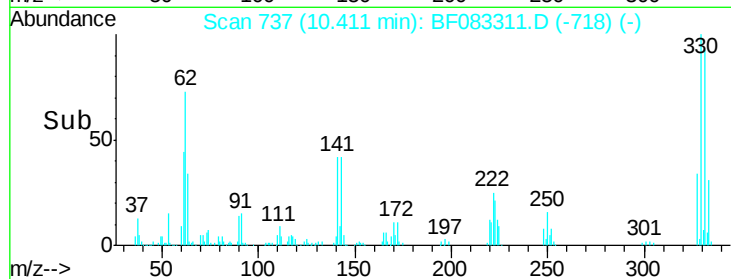
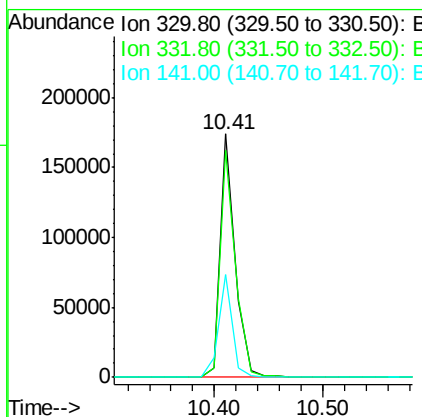
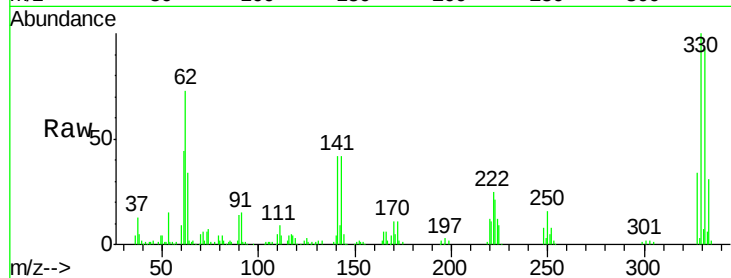




#41
 2,4,6-Tribromophenol
 Concen: 75.49 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

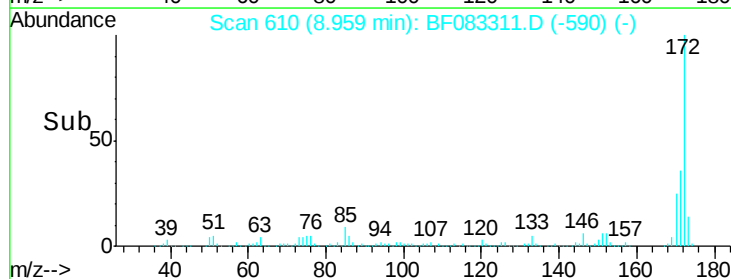
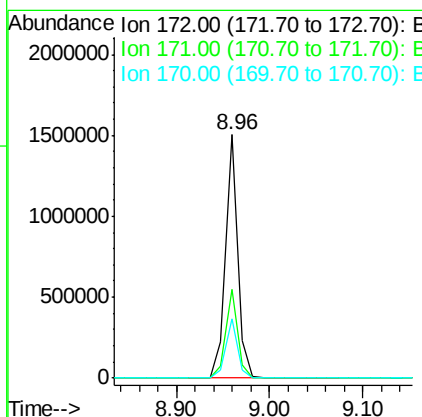
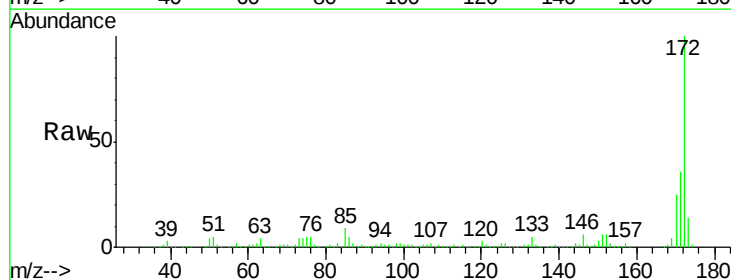
Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	39.5	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.5	19.9	29.9

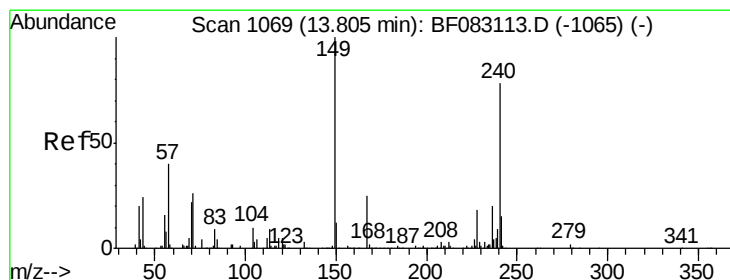
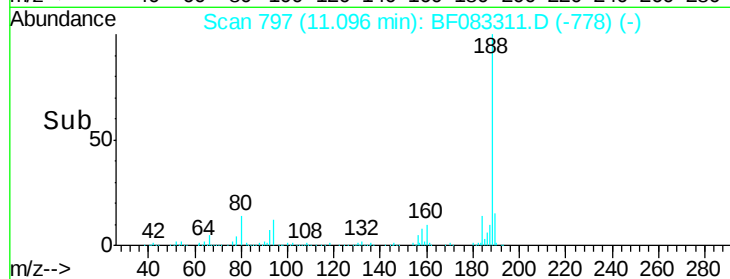
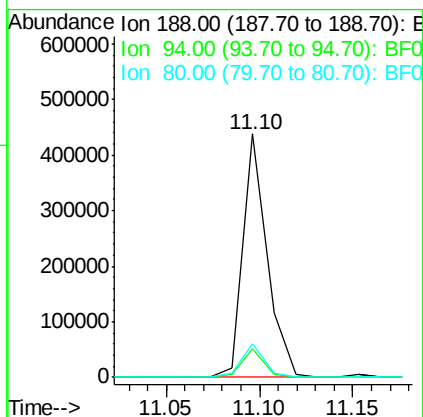
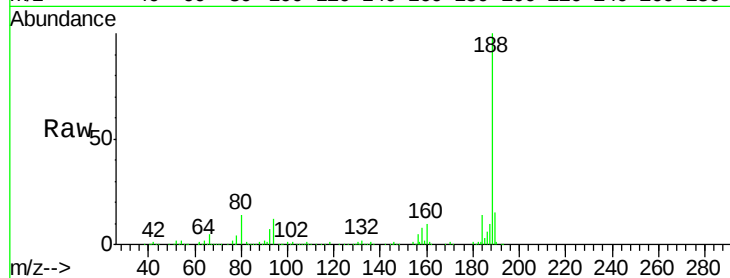




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083311.D
Acq: 26 Nov 2015 11:04

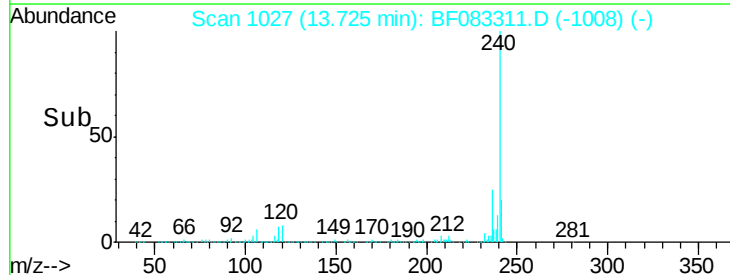
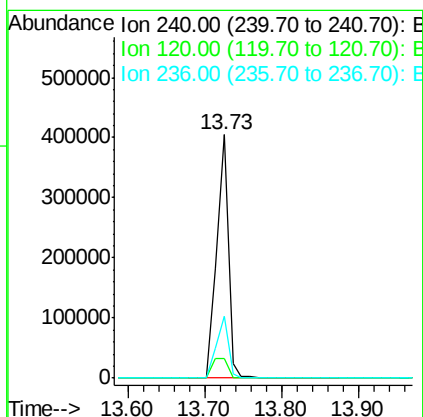
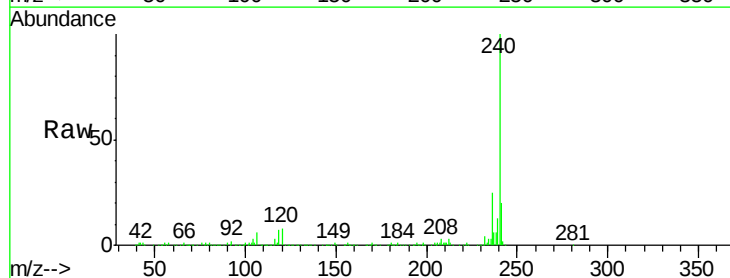
Instrument :
BNA_F
ClientSampleId :
112415-A263-E-U-S

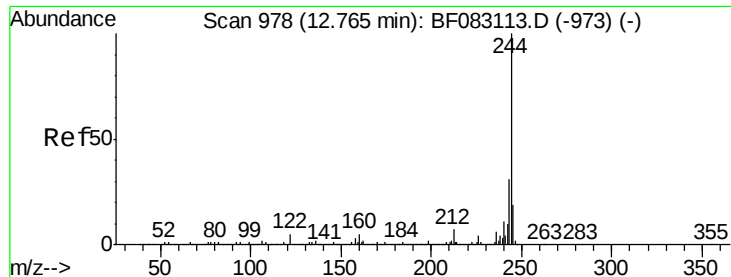
Tot Ion:188 Resp: 398762
Ion Ratio Lower Upper
188 100
94 11.6 6.0 9.0#
80 13.8 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083311.D
Acq: 26 Nov 2015 11:04

Tgt Ion:240 Resp: 426758
Ion Ratio Lower Upper
240 100
120 8.0 5.4 8.2
236 25.4 20.6 31.0

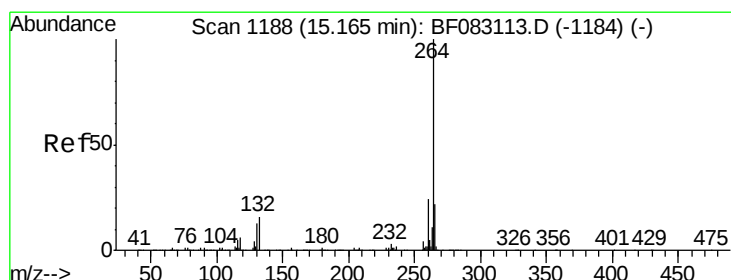
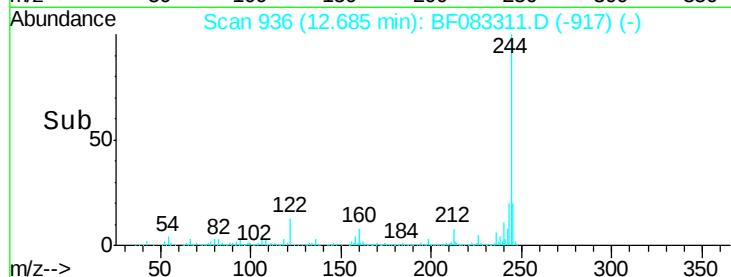
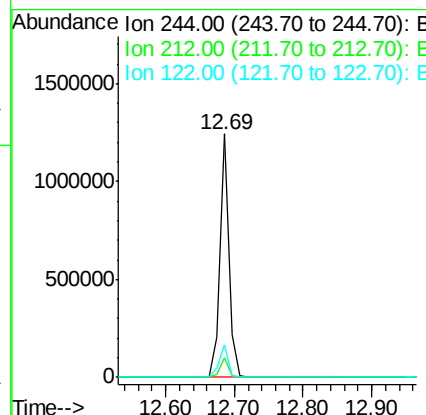
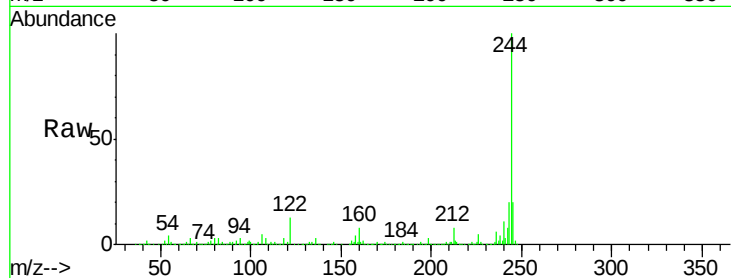




#78
 Terphenyl-d14
 Concen: 63.91 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-S

Tot Ion:244 Resp: 1158185
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 13.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion:264 Resp: 318597
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 22.6 18.2 27.4

