

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083204.D
 Acq On : 23 Nov 2015 15:07
 Operator : UM/IZ
 Sample : G4437-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Nov 24 05:29:41 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	6.64	152	229985	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	835745	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	417149	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	745272	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	662093	20.00	ng	-0.03
86) Perylene-d12	15.13	264	550047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	970529	63.80	ng	-0.03
7) Phenol-d6	6.30	99	793754	40.33	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1806242	98.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	558948	130.97	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2845307	95.11	ng	-0.01
78) Terphenyl-d14	12.74	244	2395095	85.19	ng	-0.02

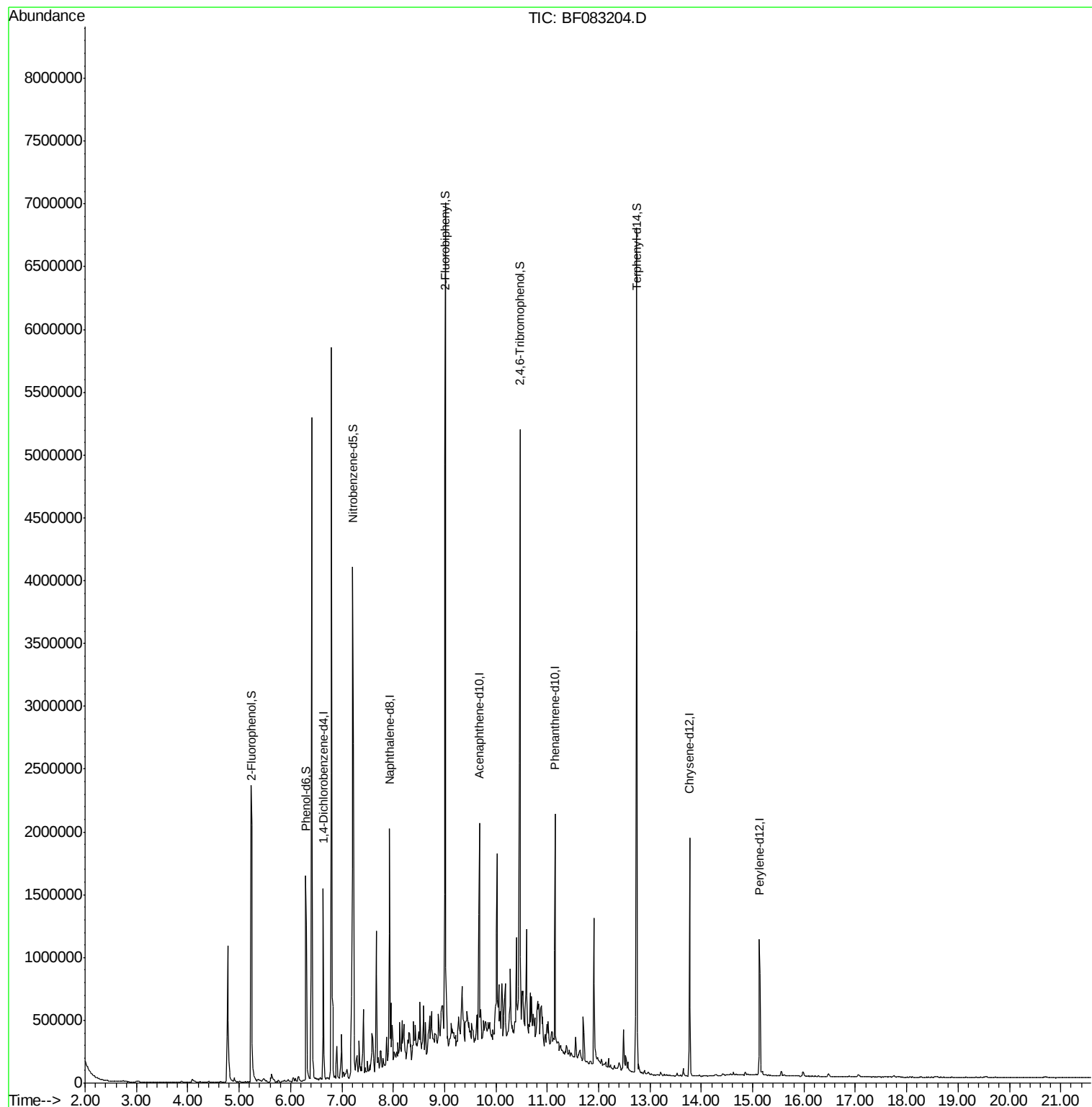
Target Compounds Qvalue

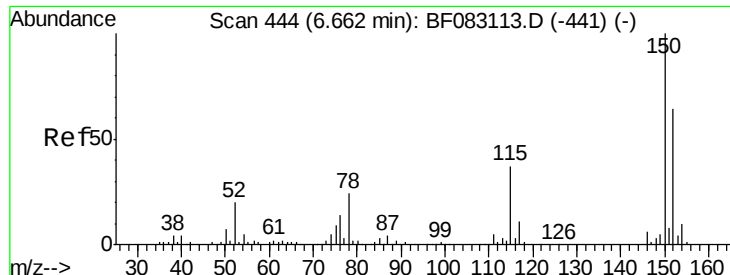
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Nov 24 05:29:41 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



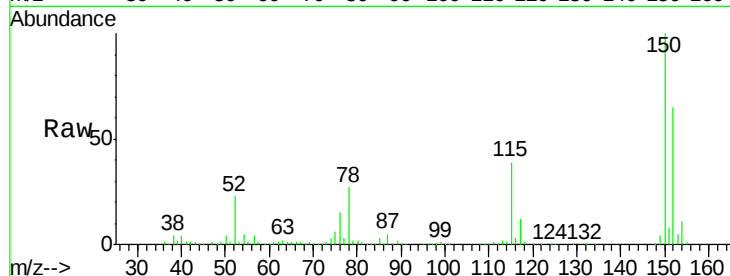


#1

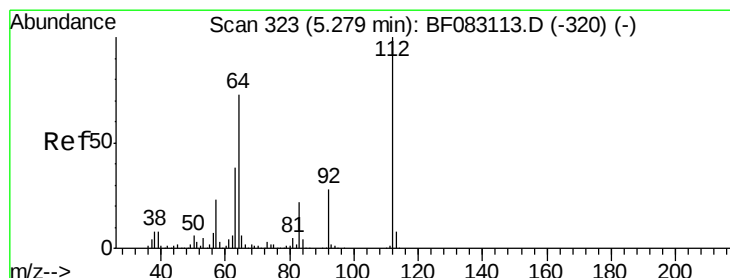
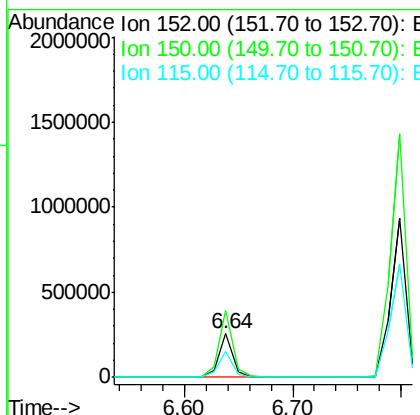
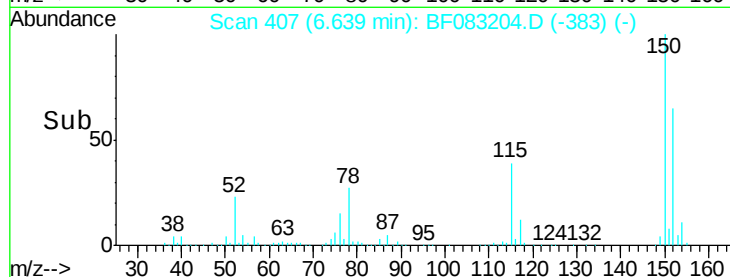
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083204.D
Acq: 23 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion	152	Resp	229985
Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.8	188.8
115	60.3	46.9	70.3



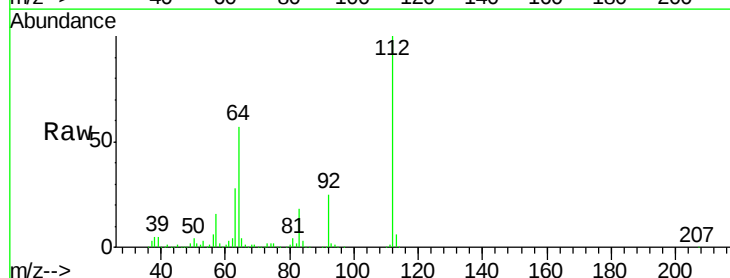
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



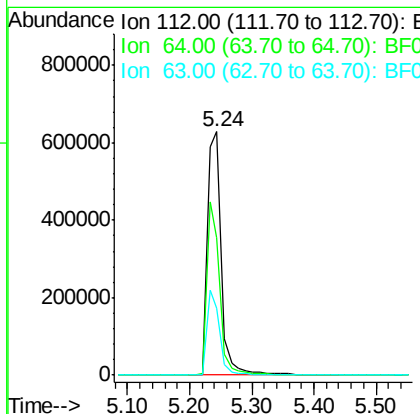
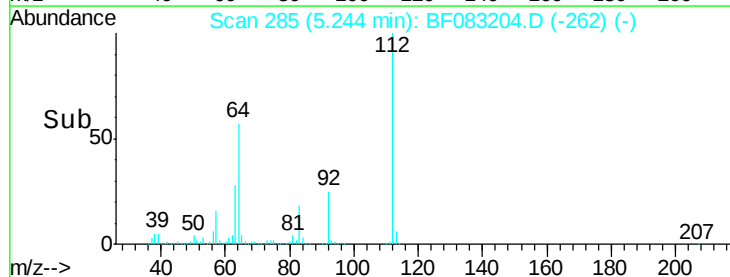
#5

2-Fluorophenol
Concen: 63.80 ng
RT: 5.24 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF083204.D
Acq: 23 Nov 2015 15:07

Tgt Ion	112	Resp	970529
Ion	Ratio	Lower	Upper
112	100		
64	56.5	58.4	87.6#
63	27.7	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: 40.33 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083204.D

Acq: 23 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

MW-16

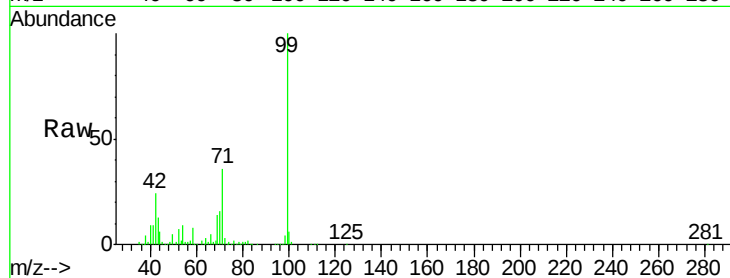
Tot Ion: 99 Resp: 793754

Ion Ratio Lower Upper

99 100

42 24.0 17.7 26.5

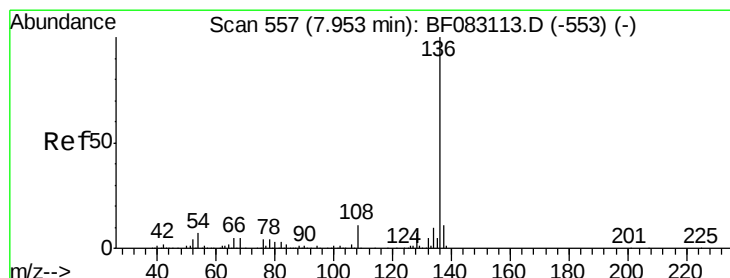
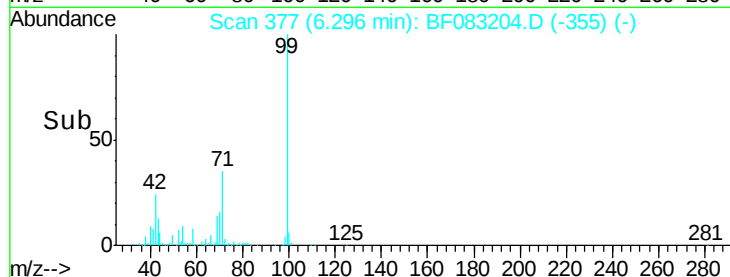
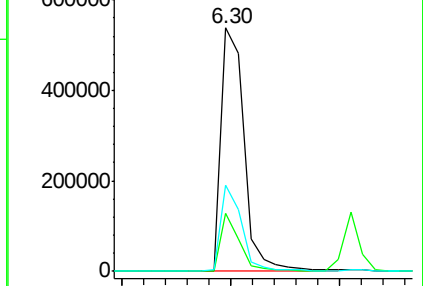
71 35.6 30.2 45.4



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: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083204.D

Acq: 23 Nov 2015 15:07

Tgt Ion: 136 Resp: 835745

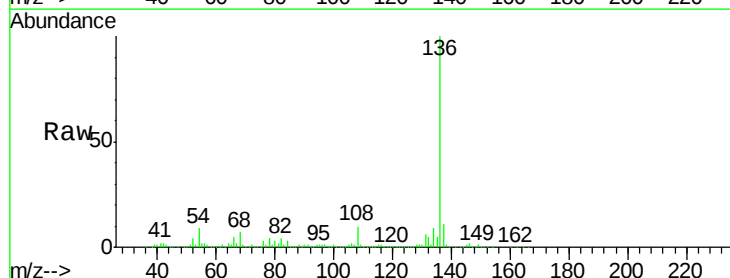
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.1 5.8 8.6#

68 6.9 3.8 5.8#

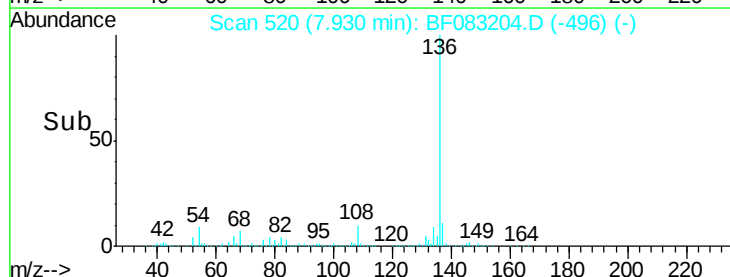
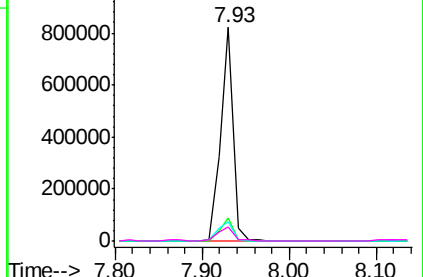


Abundance Ion 136.00 (135.70 to 136.70): E

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



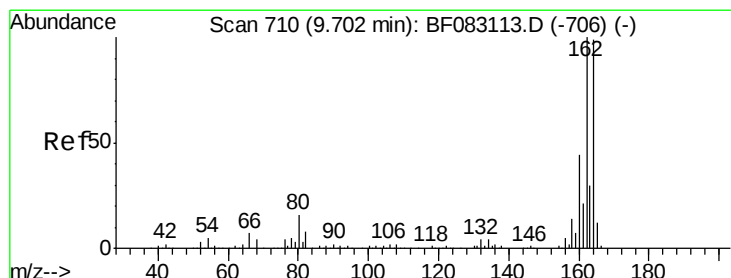
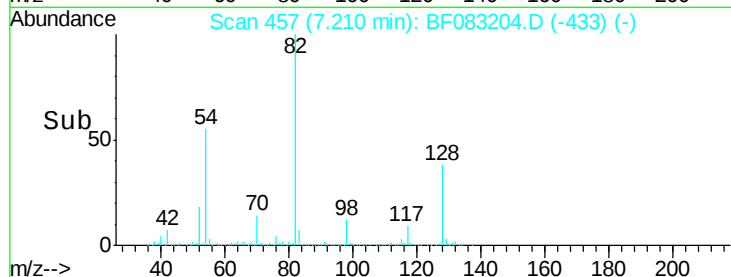
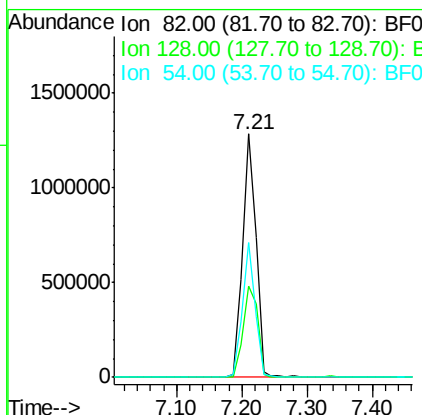
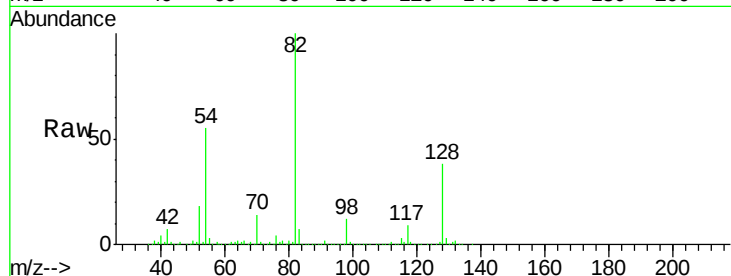


#23
 Nitrobenzene-d5
 Concen: 98.76 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion: 82 Resp: 1806242

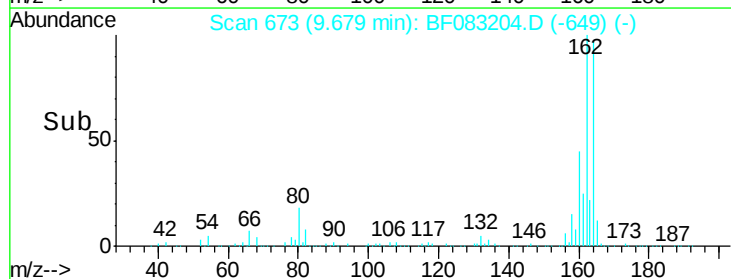
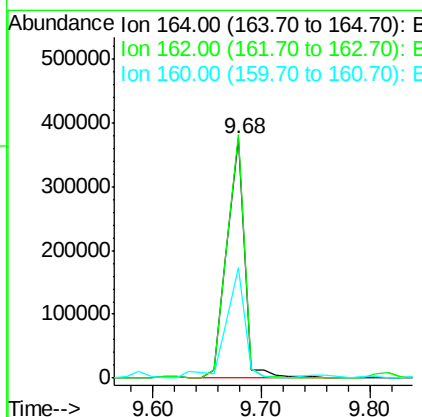
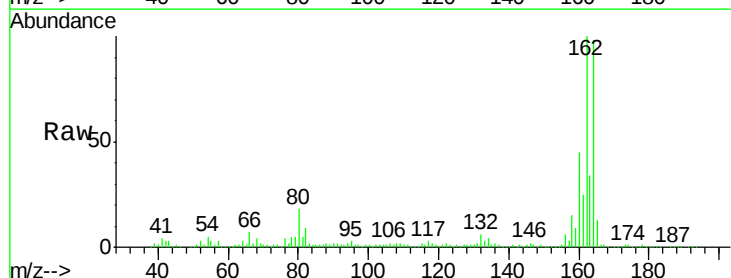
Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.5	42.7
54	55.4	44.6	67.0

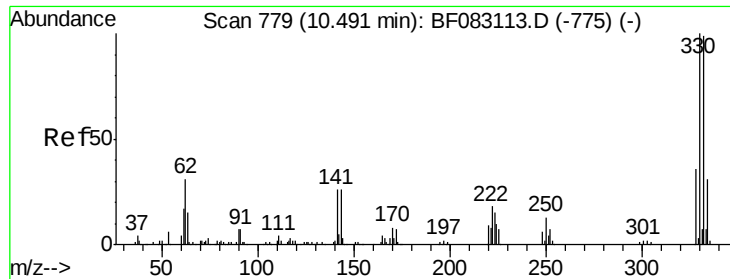


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

Tgt Ion:164 Resp: 417149

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	46.2	35.6	53.4

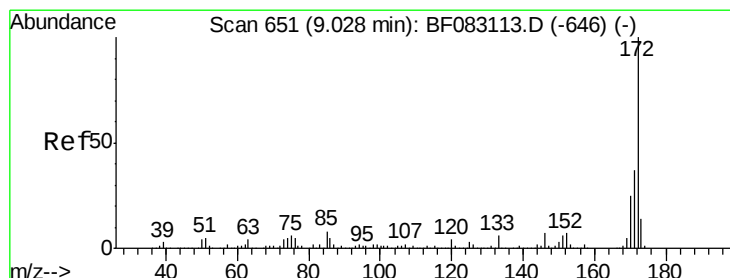
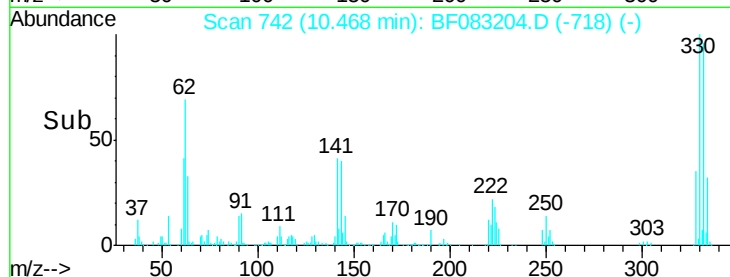
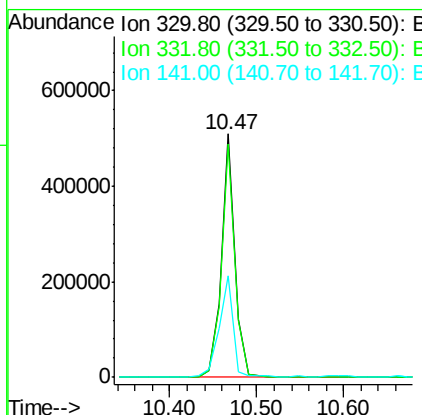
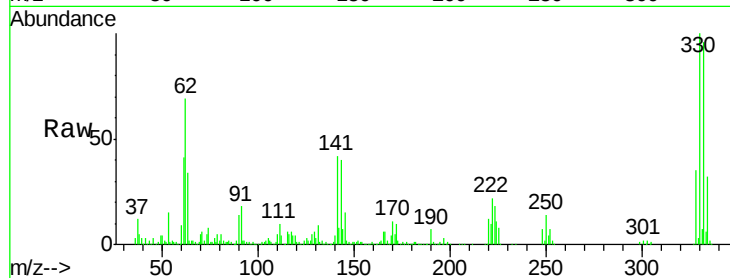




#41
 2,4,6-Tribromophenol
 Concen: 130.97 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

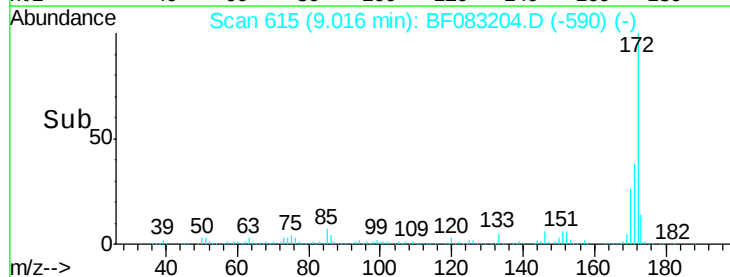
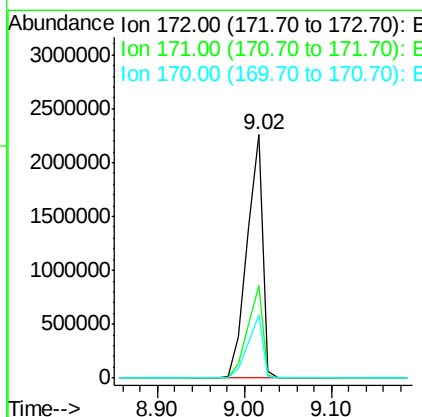
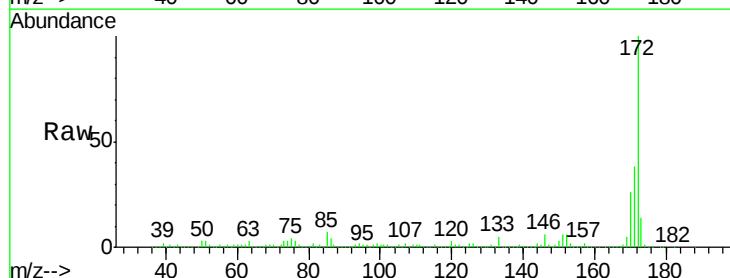
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	42.7	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 95.11 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	25.9	19.9	29.9

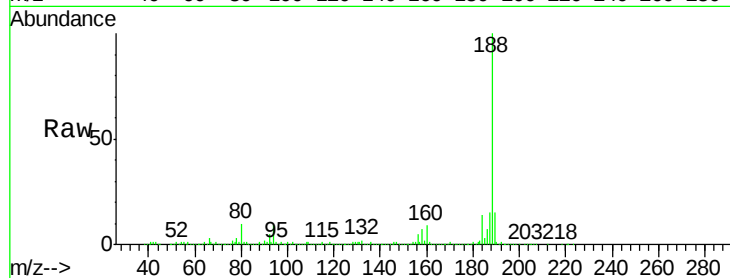




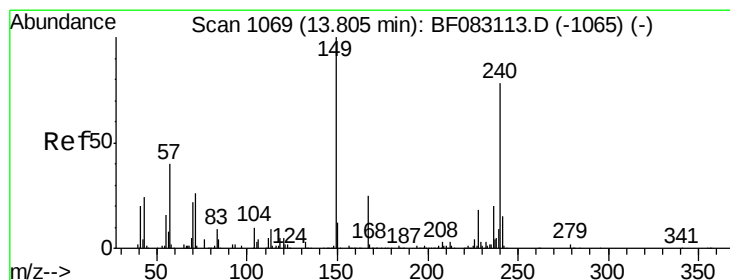
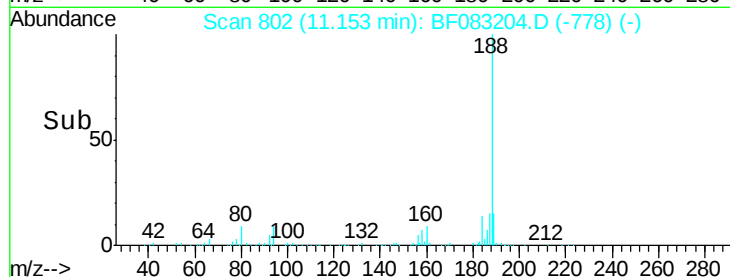
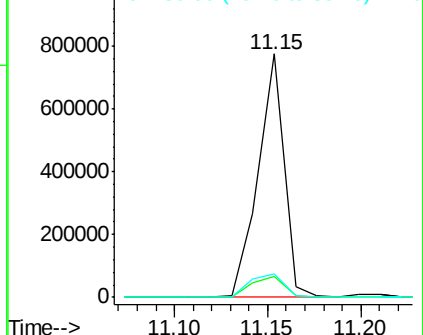
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083204.D
Acq: 23 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:188 Resp: 745272
Ion Ratio Lower Upper
188 100
94 8.8 6.0 9.0
80 9.7 6.7 10.1

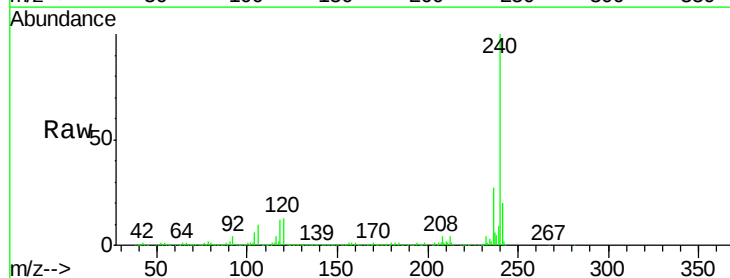


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

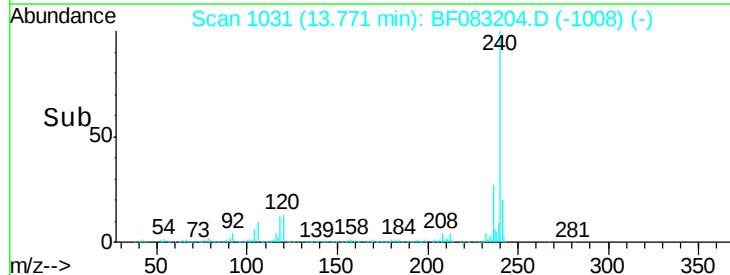
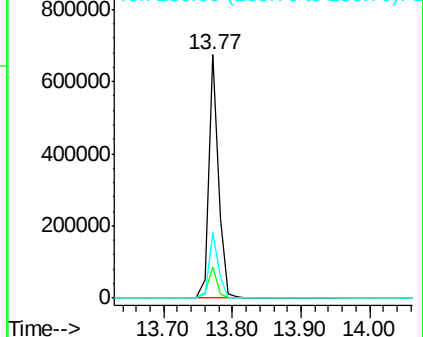


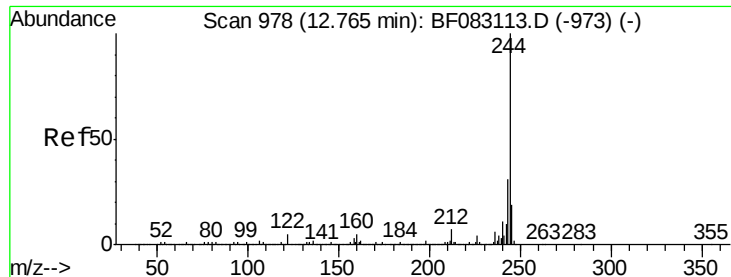
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083204.D
Acq: 23 Nov 2015 15:07

Tgt Ion:240 Resp: 662093
Ion Ratio Lower Upper
240 100
120 13.0 5.4 8.2#
236 26.8 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

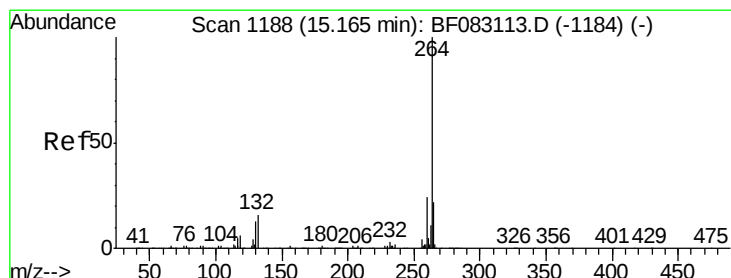
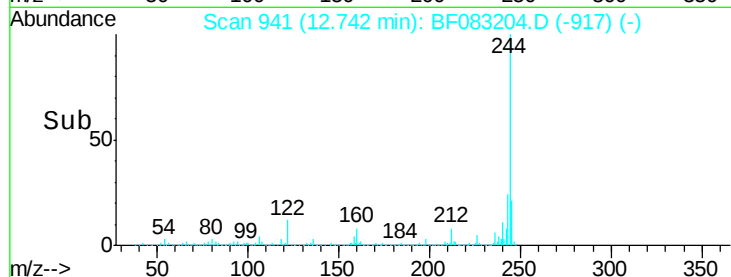
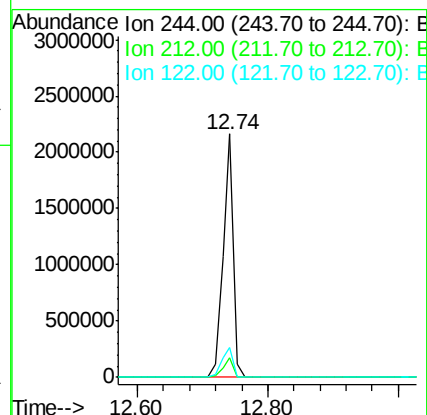
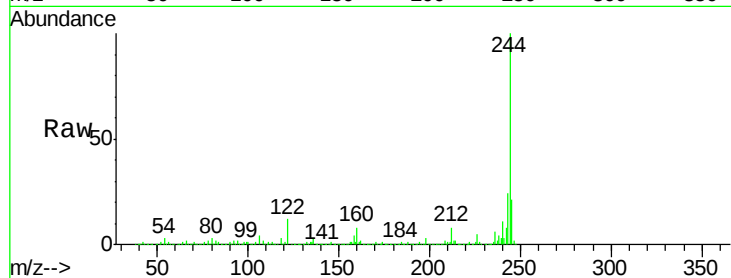




#78
 Terphenyl-d14
 Concen: 85.19 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:244 Resp: 2395095
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 12.1 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF083204.D
 Acq: 23 Nov 2015 15:07

Tgt Ion:264 Resp: 550047
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.9 18.2 27.4

