

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083209.D
 Acq On : 23 Nov 2015 17:43
 Operator : UM/IZ
 Sample : G4437-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Nov 24 05:39:36 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	235169	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	861204	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	408944	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	738812	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	581123	20.00	ng	-0.03
86) Perylene-d12	15.13	264	447029	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	544809	35.02	ng	-0.04
7) Phenol-d6	6.30	99	482756	23.99	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1071089	56.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	340083	81.29	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1527889	52.10	ng	-0.02
78) Terphenyl-d14	12.73	244	1320552	53.51	ng	-0.03

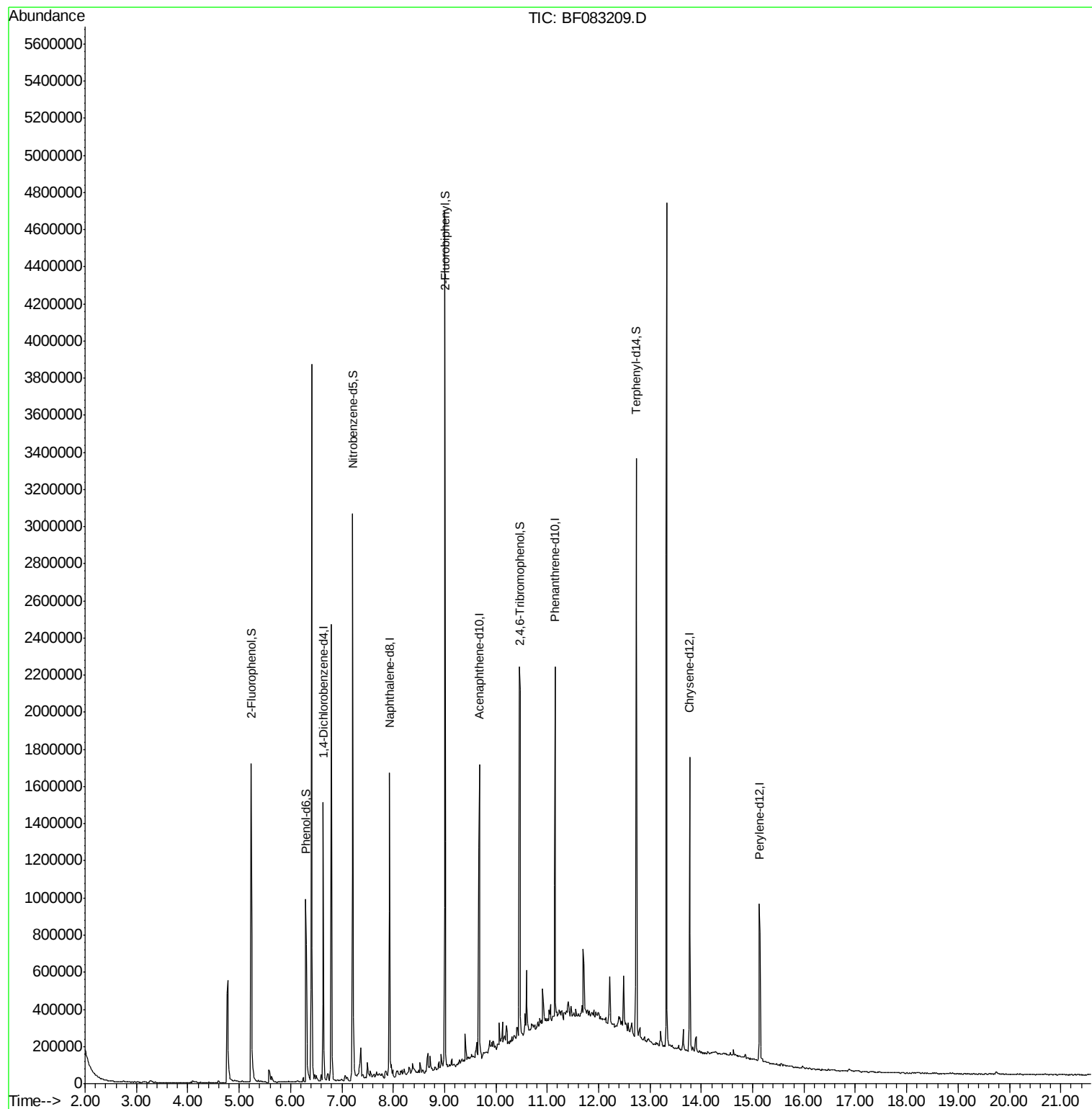
Target Compounds Qvalue

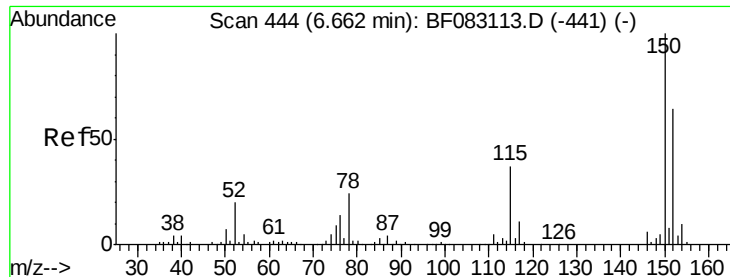
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 05:39:36 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



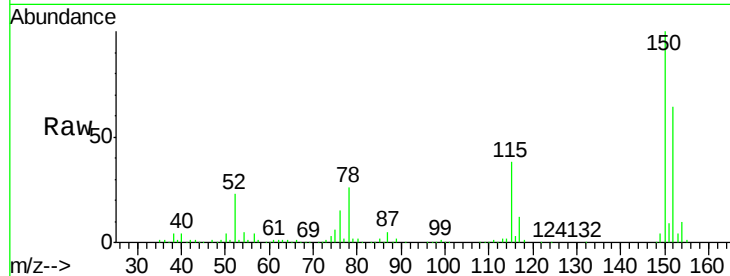


#1

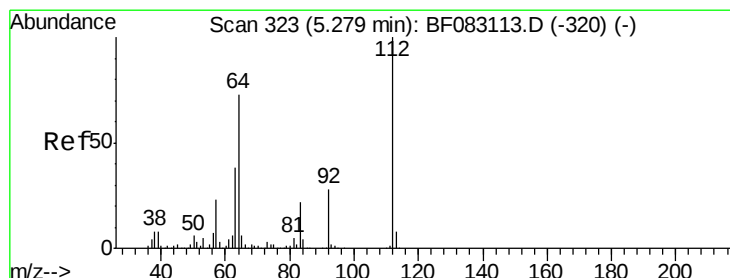
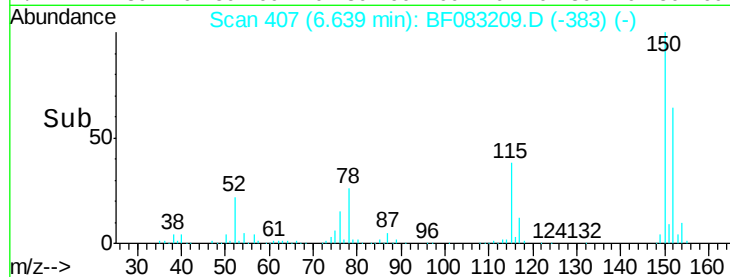
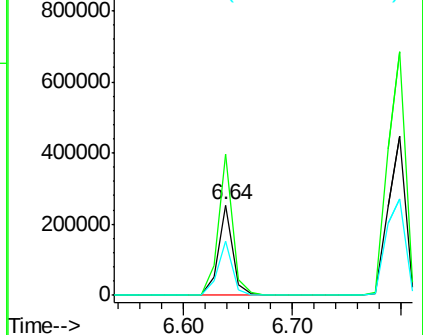
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:152 Resp: 235169
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.8
115 60.1 46.9 70.3



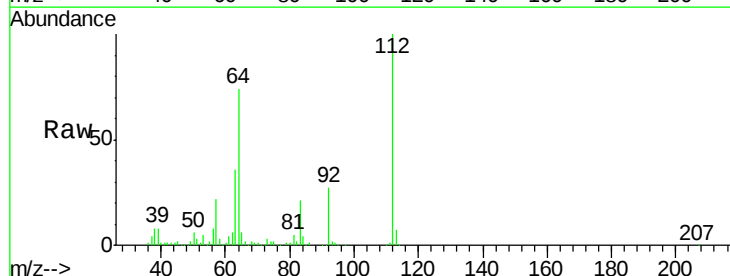
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



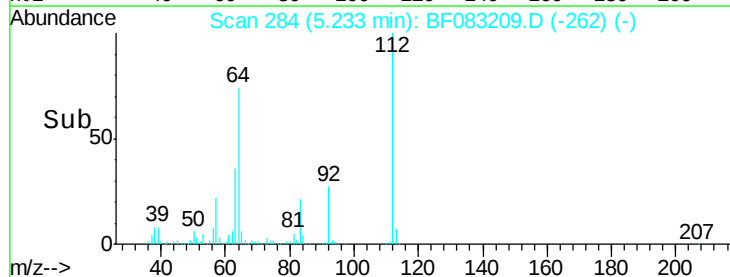
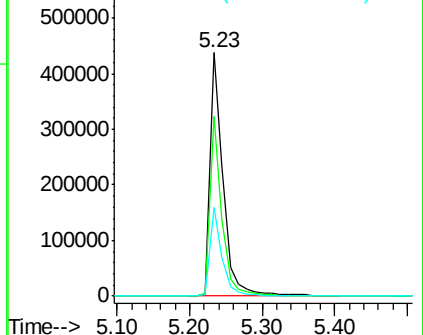
#5

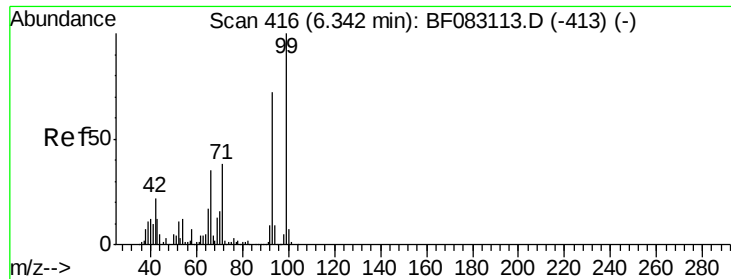
2-Fluorophenol
Concen: 35.02 ng
RT: 5.23 min Scan# 284
Delta R.T. -0.04 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:112 Resp: 544809
Ion Ratio Lower Upper
112 100
64 73.6 58.4 87.6
63 36.3 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: 23.99 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Instrument :

BNA_F

ClientSampleId :

MW-12

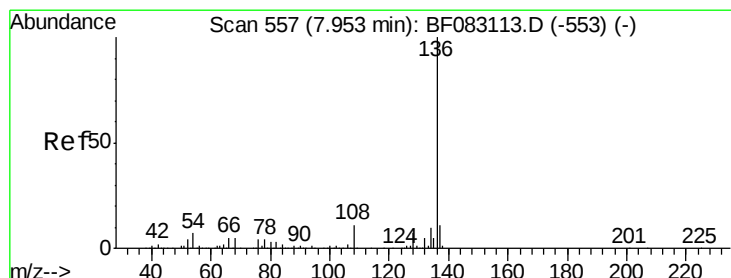
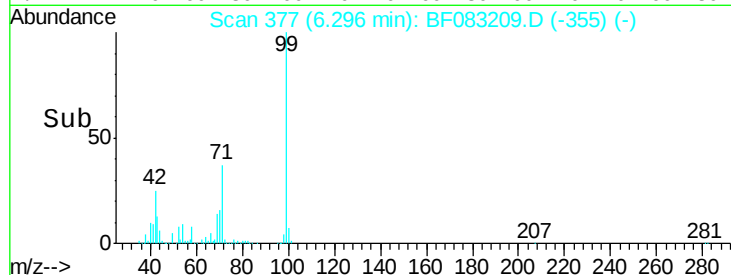
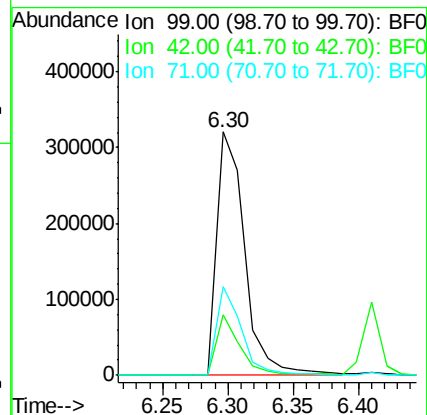
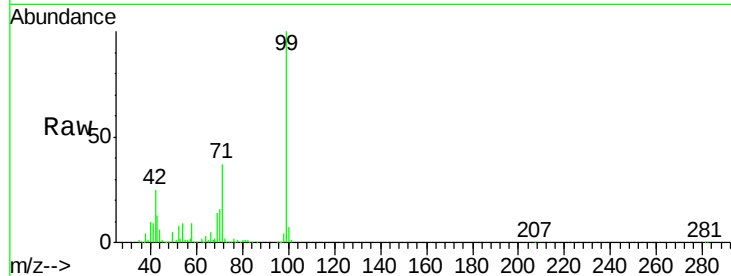
Tot Ion: 99 Resp: 482756

Ion Ratio Lower Upper

99 100

42 24.9 17.7 26.5

71 36.6 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083209.D

Acq: 23 Nov 2015 17:43

Tgt Ion: 136 Resp: 861204

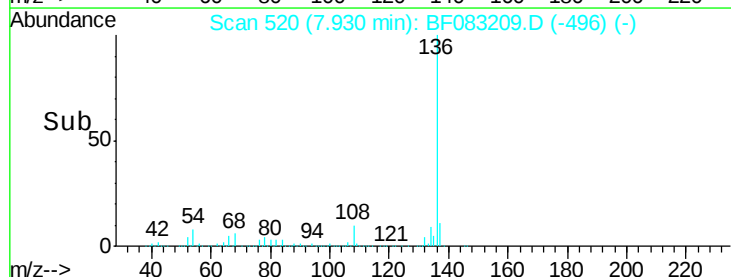
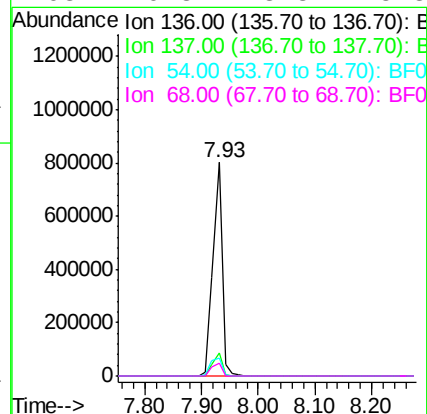
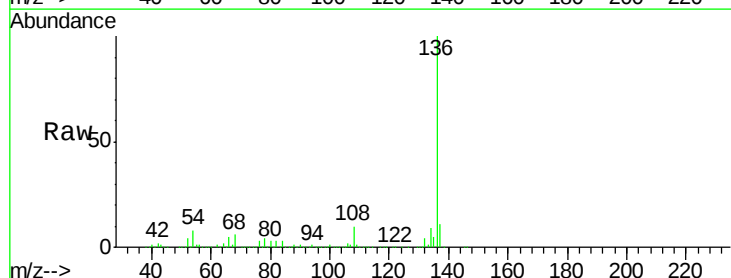
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 5.8 8.6

68 6.3 3.8 5.8#

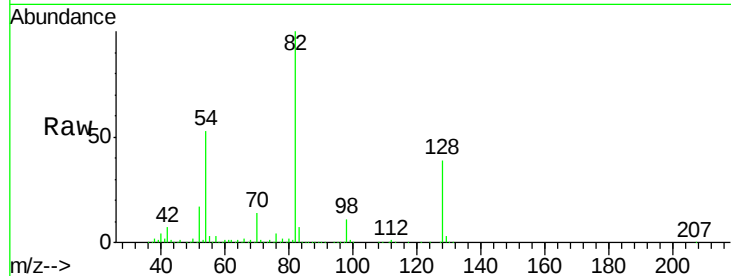




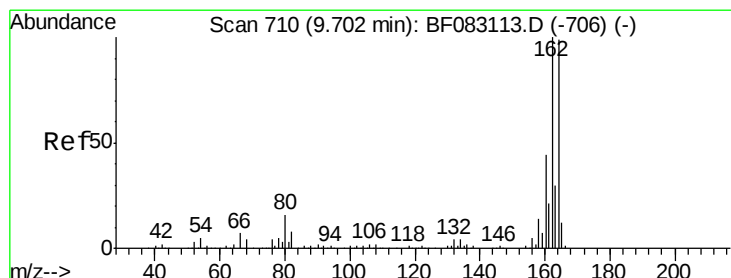
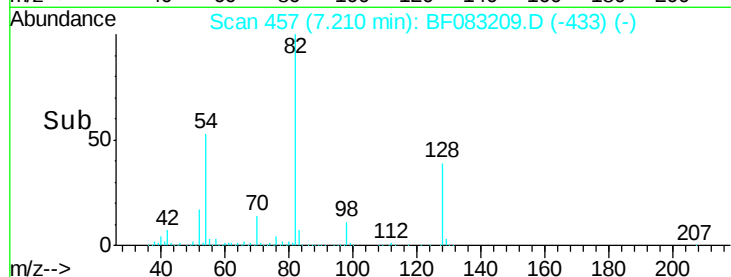
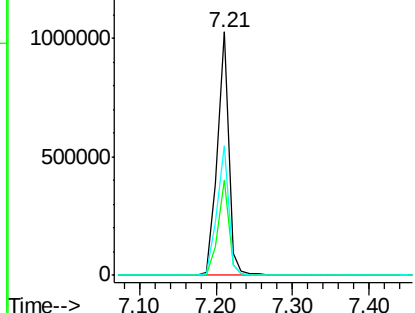
#23
Nitrobenzene-d5
Concen: 56.83 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampled :
MW-12

Tot Ion: 82 Resp: 1071089
Ion Ratio Lower Upper
82 100
128 39.3 28.5 42.7
54 53.4 44.6 67.0

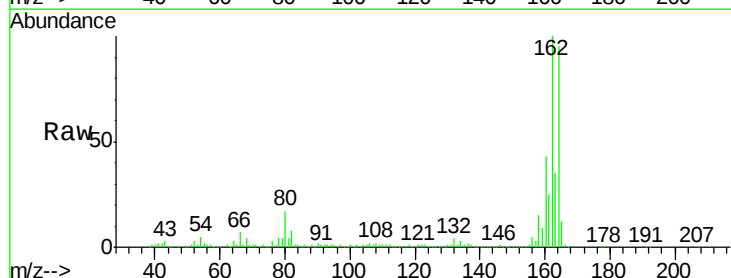


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

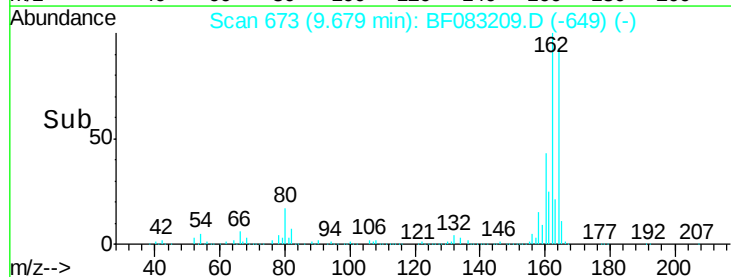
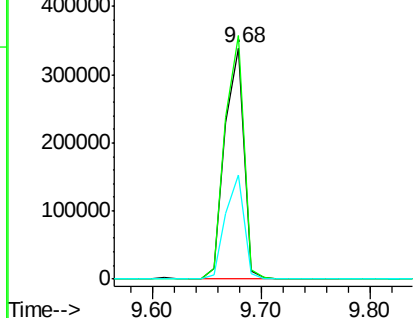


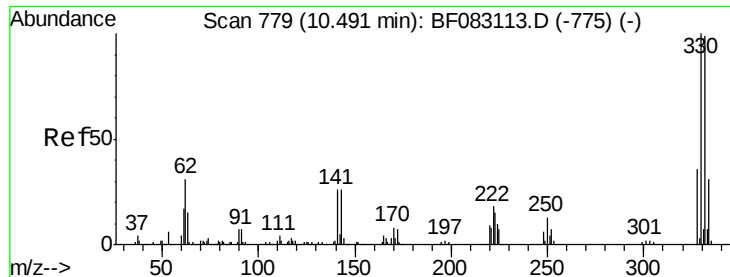
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:164 Resp: 408944
Ion Ratio Lower Upper
164 100
162 105.4 81.2 121.8
160 45.3 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

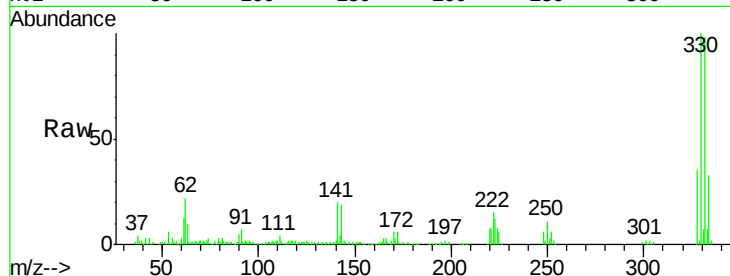




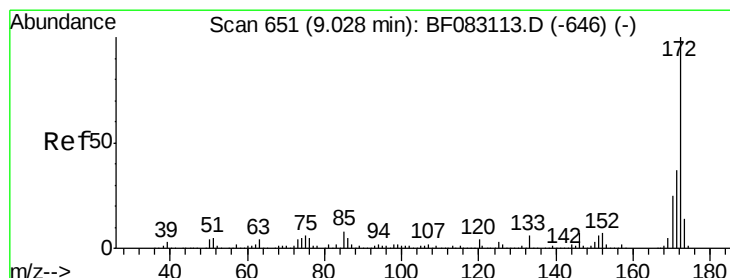
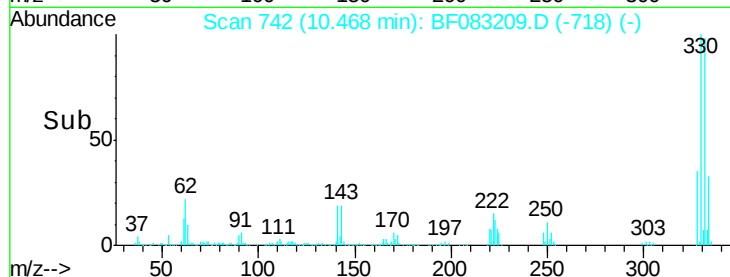
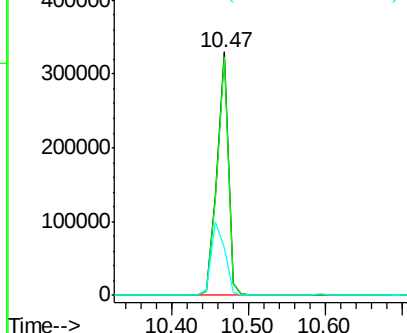
#41
 2,4,6-Tribromophenol
 Concen: 81.29 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion:330 Resp: 340083
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.7 116.5
 141 35.1 29.7 44.5

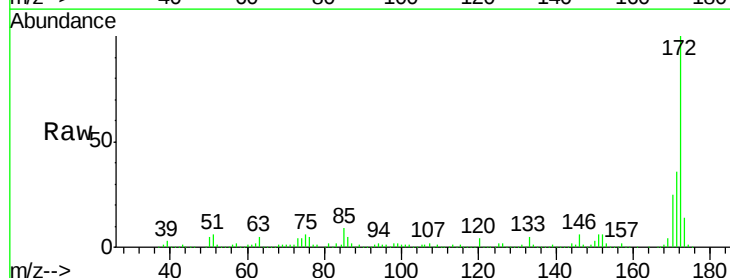


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

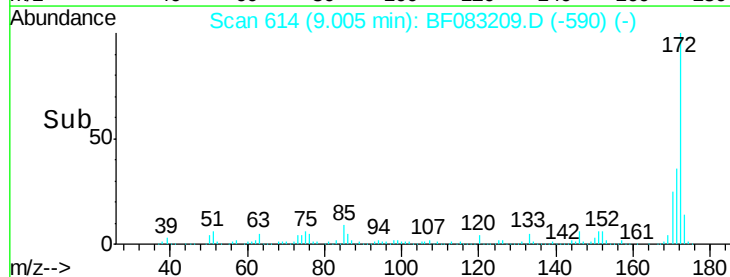
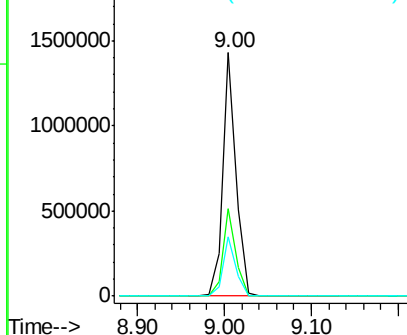


#44
 2-Fluorobiphenyl
 Concen: 52.10 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Tgt Ion:172 Resp: 1527889
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 24.6 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

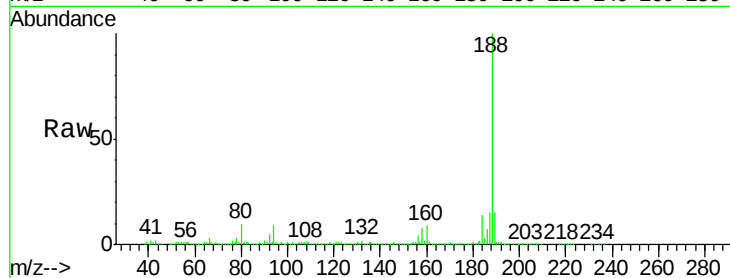




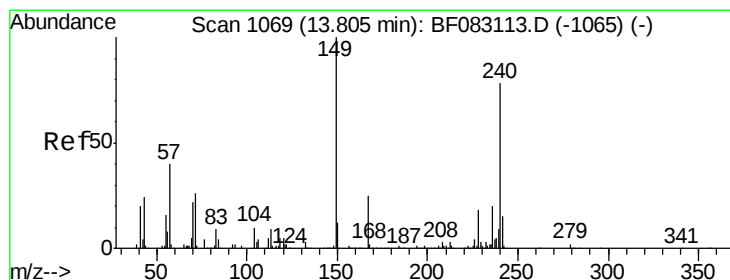
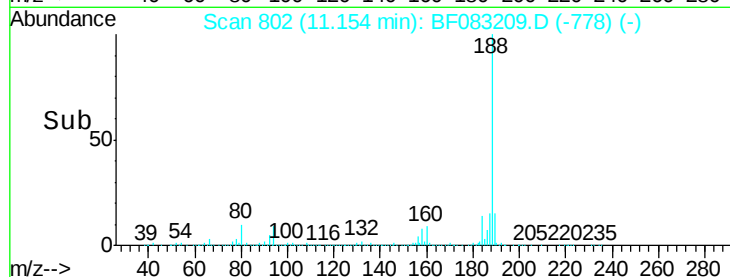
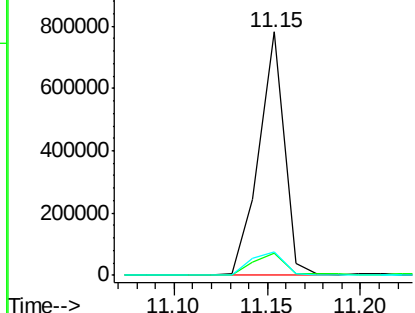
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Instrument :
BNA_F
ClientSampled :
MW-12

Tot Ion:188 Resp: 738812
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 9.7 6.7 10.1

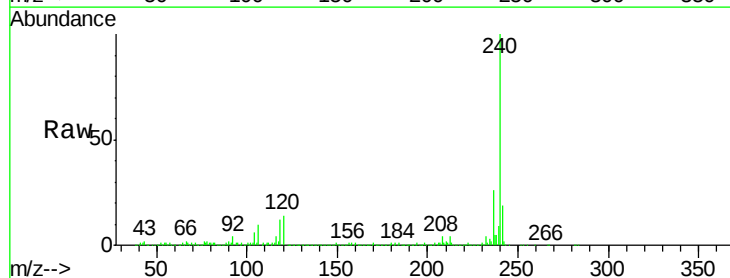


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

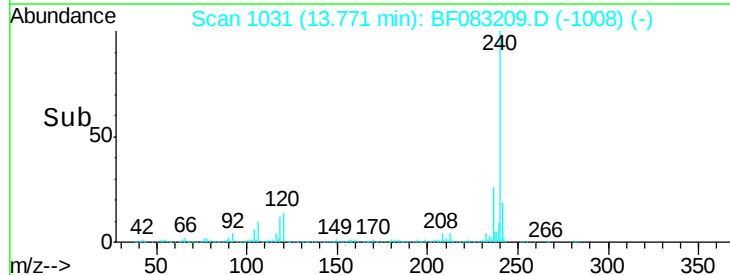
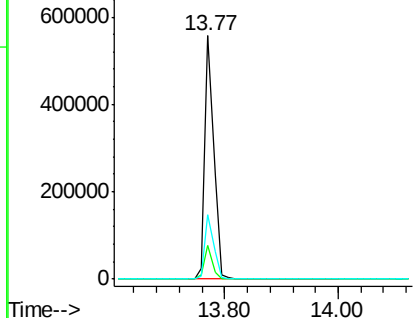


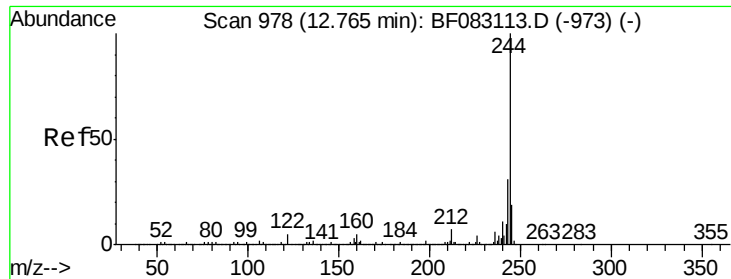
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083209.D
Acq: 23 Nov 2015 17:43

Tgt Ion:240 Resp: 581123
Ion Ratio Lower Upper
240 100
120 13.9 5.4 8.2#
236 26.2 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

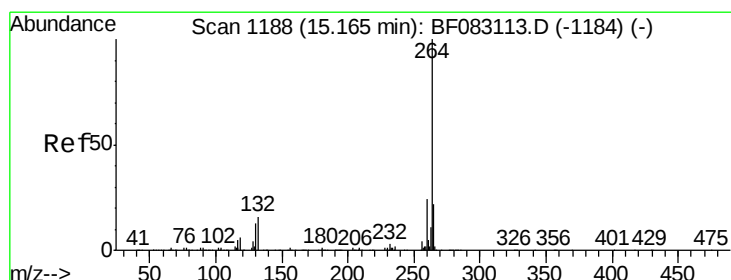
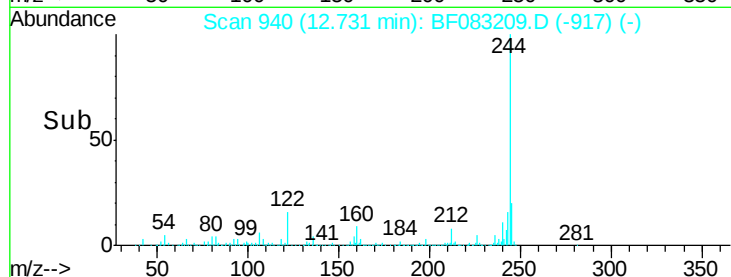
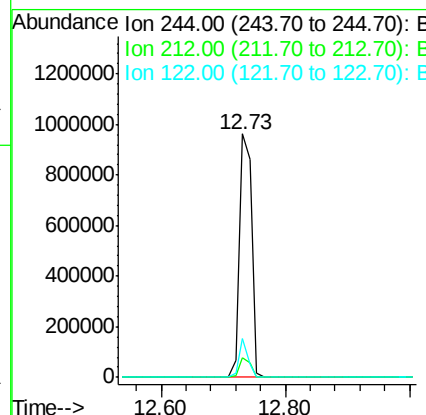
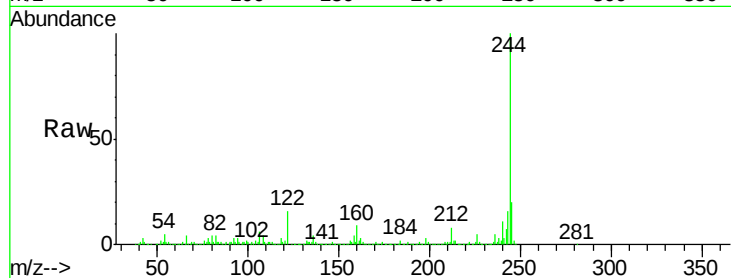




#78
 Terphenyl-d14
 Concen: 53.51 ng
 RT: 12.73 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF083209.D
 Acq: 23 Nov 2015 17:43

Instrument :
 BNA_F
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 MW-12

Tot Ion:244 Resp: 1320552
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 15.9 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: BF083209.D
 Acq: 23 Nov 2015 17:43

Tgt Ion:264 Resp: 447029
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.3 18.2 27.4

