

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083160.D
 Acq On : 22 Nov 2015 15:48
 Operator : UM/IZ
 Sample : G4504-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Nov 23 04:22:52 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	6.65	152	188605	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	731044	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	355122	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	619344	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	500662	20.00	ng	-0.01
86) Perylene-d12	15.15	264	433580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	777318	62.31	ng	-0.02
7) Phenol-d6	6.32	99	652918	40.45	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1366943	85.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	401567	110.53	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2188941	85.95	ng	0.00
78) Terphenyl-d14	12.75	244	1673921	78.73	ng	-0.01

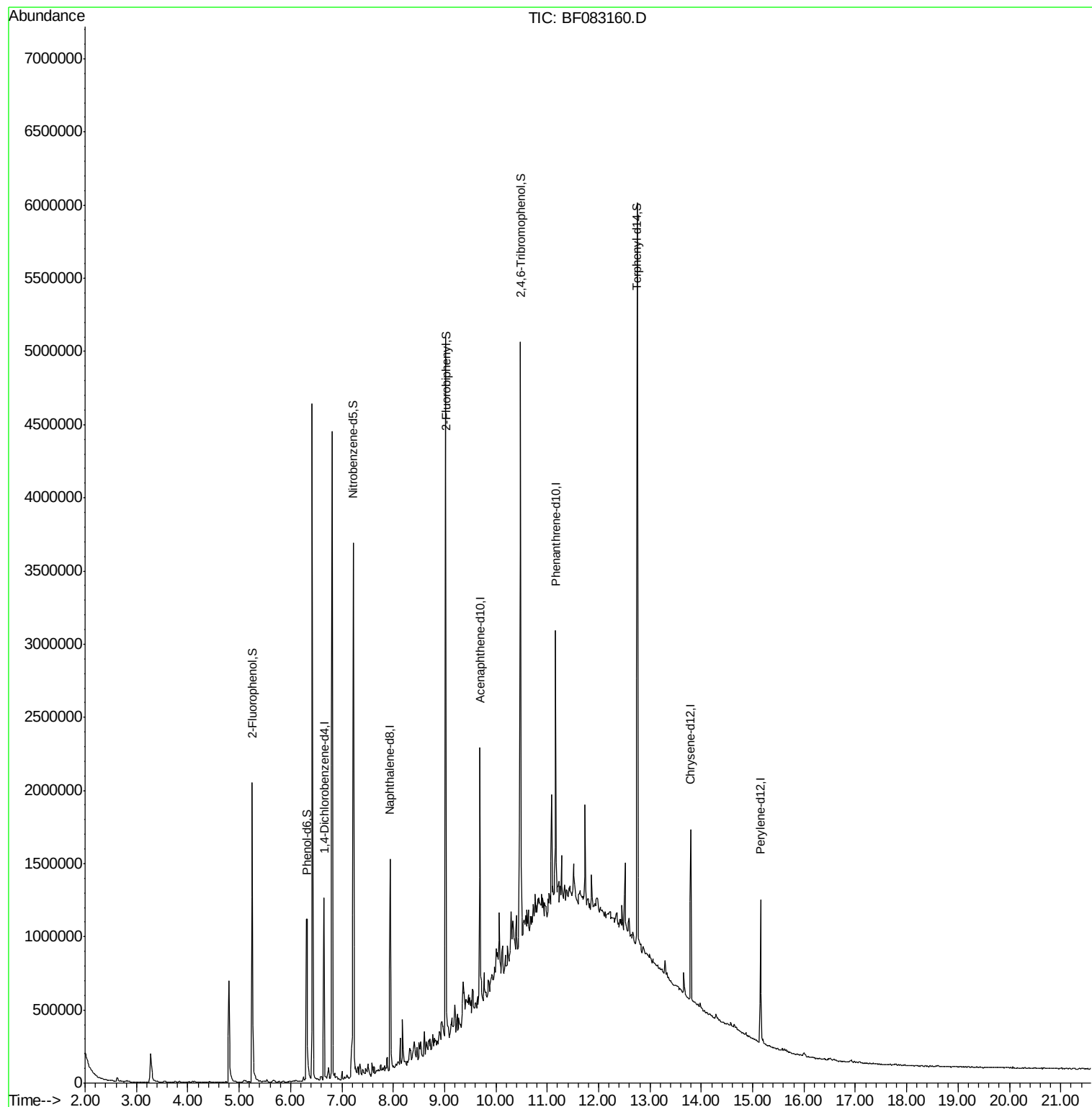
Target Compounds Qvalue

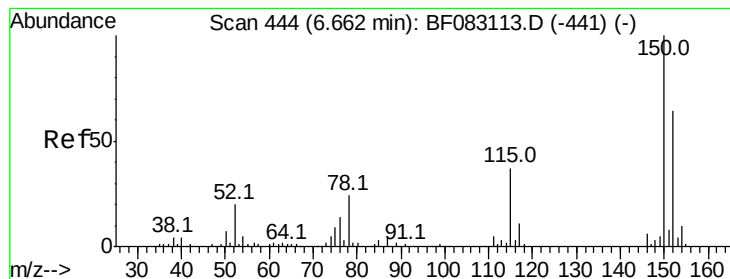
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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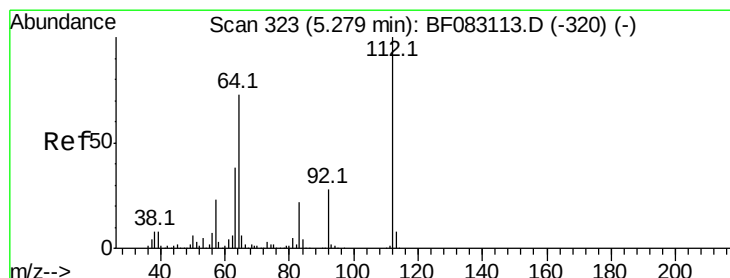
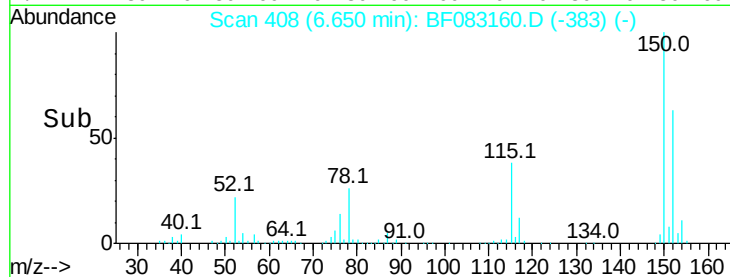
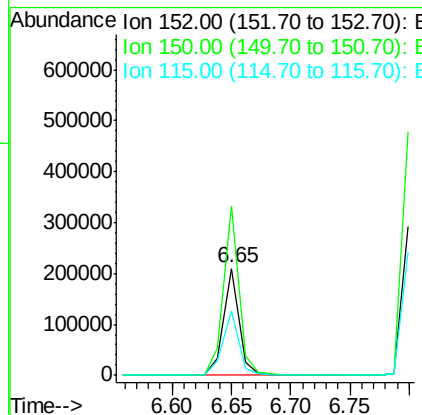
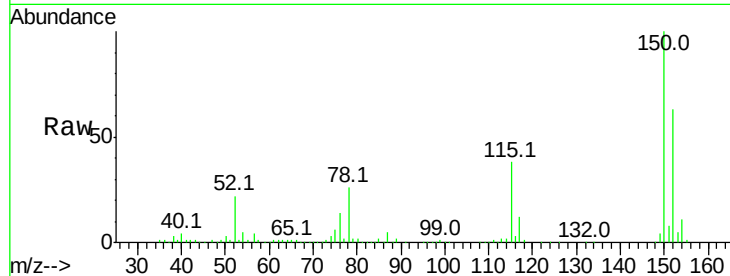


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083160.D
Acq: 22 Nov 2015 15:48

Instrument :
BNA_F
ClientSampleId :
MW-04

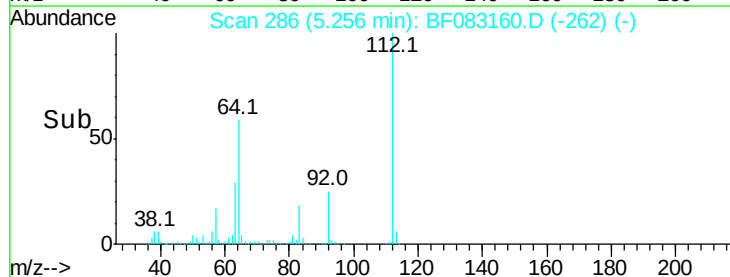
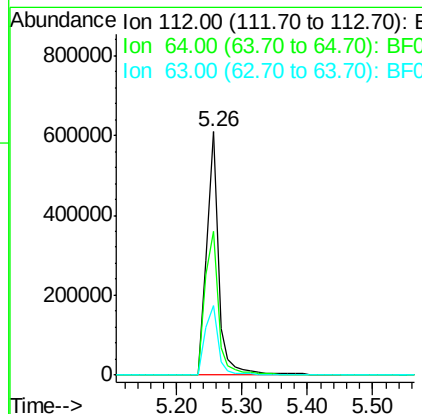
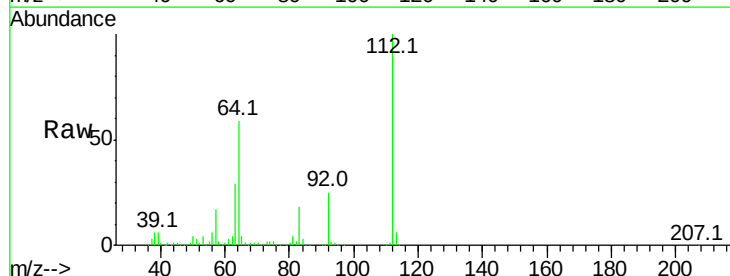
Tot Ion:152 Resp: 188605
Ion Ratio Lower Upper
152 100
150 158.4 125.8 188.8
115 59.8 46.9 70.3

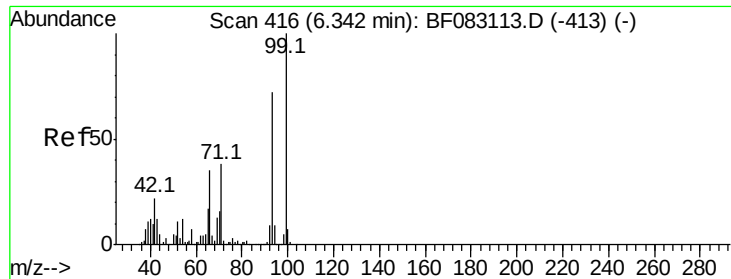


#5

2-Fluorophenol
Concen: 62.31 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083160.D
Acq: 22 Nov 2015 15:48

Tgt Ion:112 Resp: 777318
Ion Ratio Lower Upper
112 100
64 58.9 58.4 87.6
63 28.8 30.0 45.0#





#7

Phenol-d6

Concen: 40.45 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampled :

MW-04

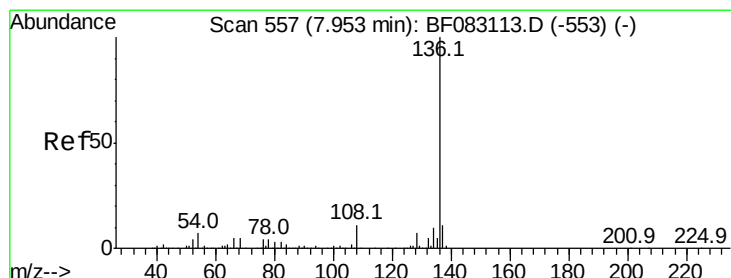
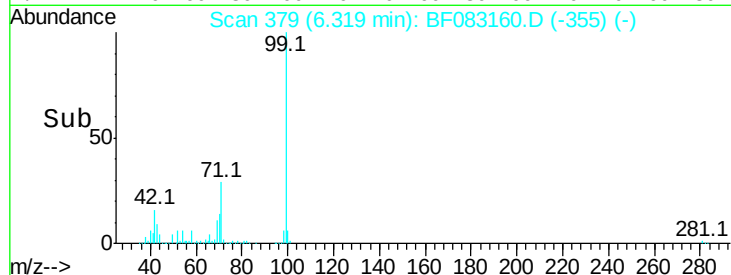
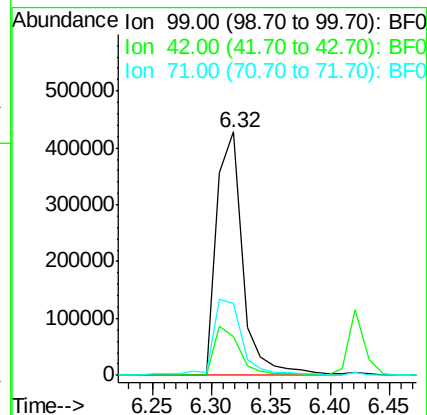
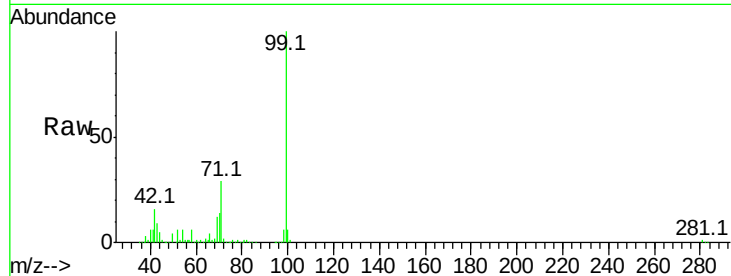
Tot Ion: 99 Resp: 652918

Ion Ratio Lower Upper

99 100

42 15.9 17.7 26.5#

71 29.4 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Tgt Ion: 136 Resp: 731044

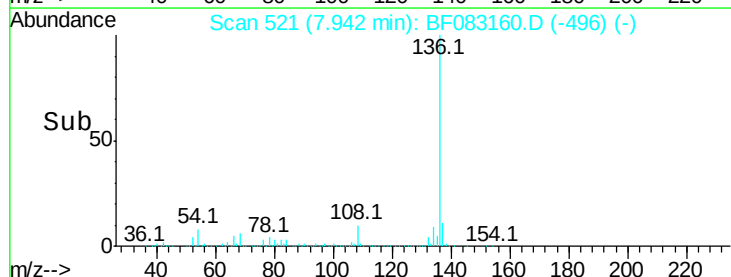
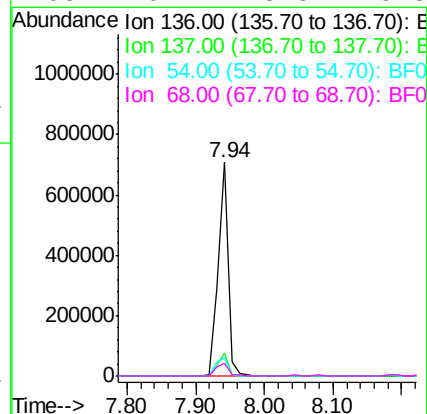
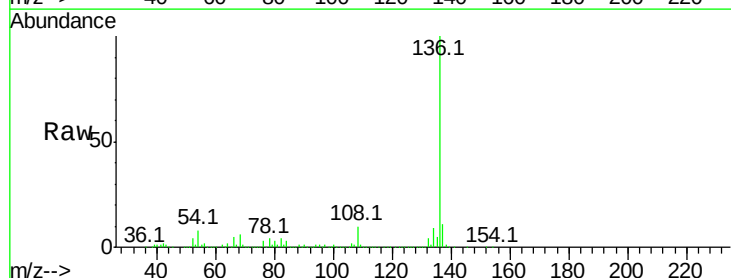
Ion Ratio Lower Upper

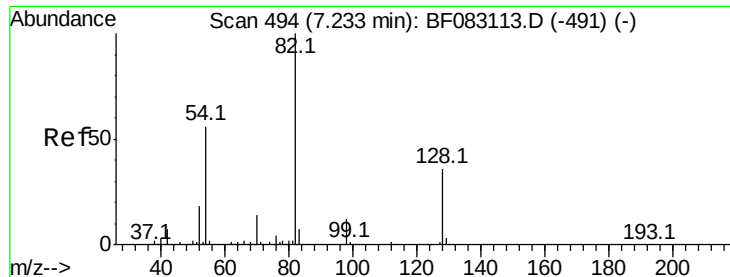
136 100

137 10.5 8.7 13.1

54 8.1 5.8 8.6

68 6.2 3.8 5.8#



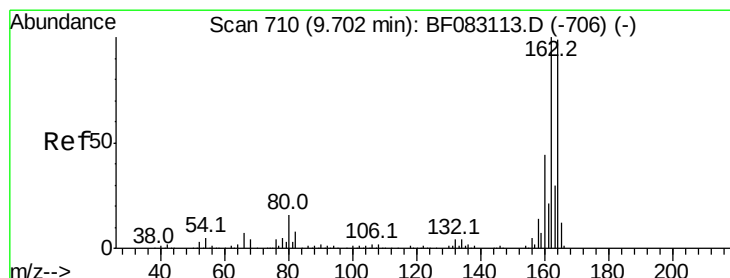
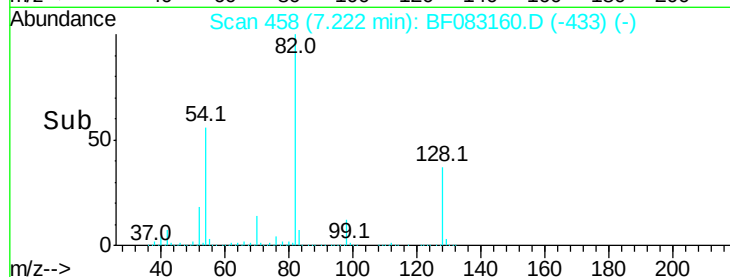
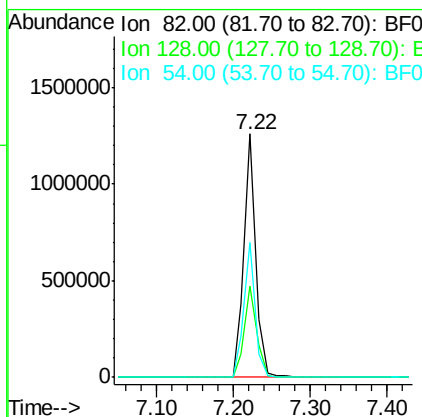
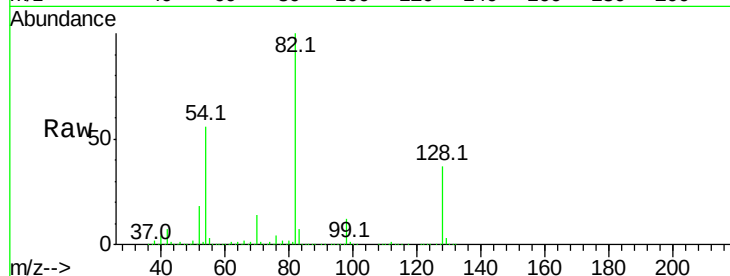


#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion: 82 Resp: 1366943

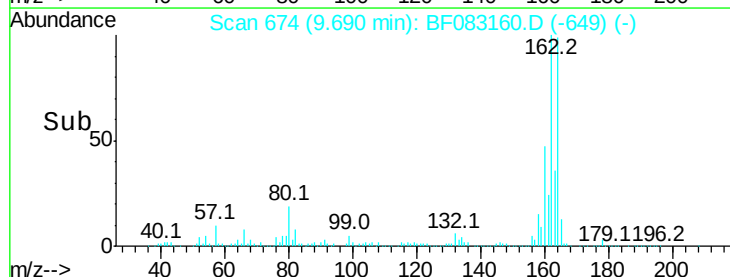
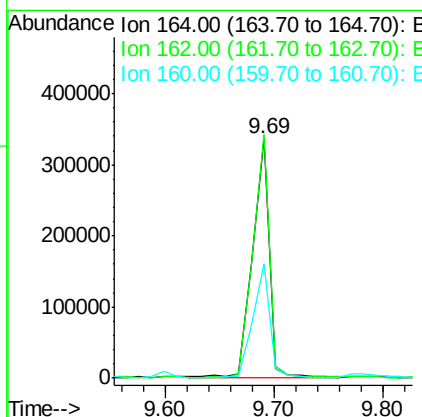
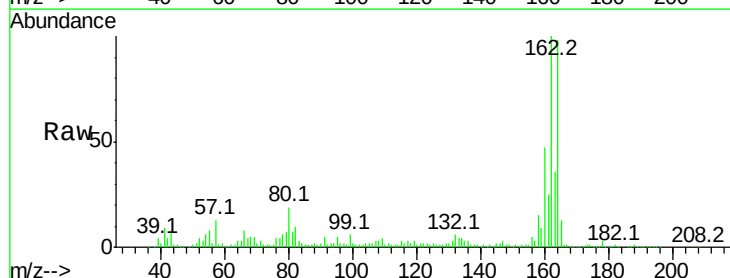
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.5	42.7
54	55.5	44.6	67.0

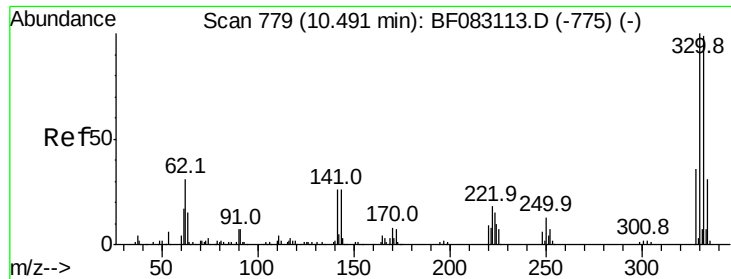


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Tgt Ion: 164 Resp: 355122

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	47.7	35.6	53.4

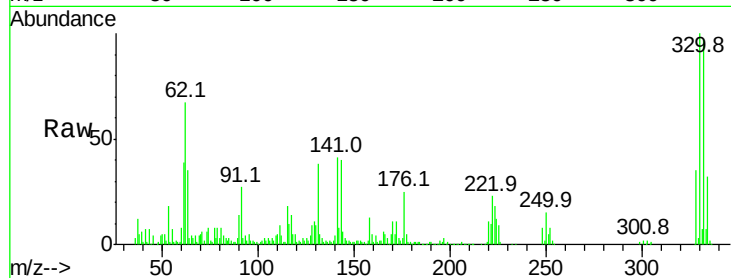




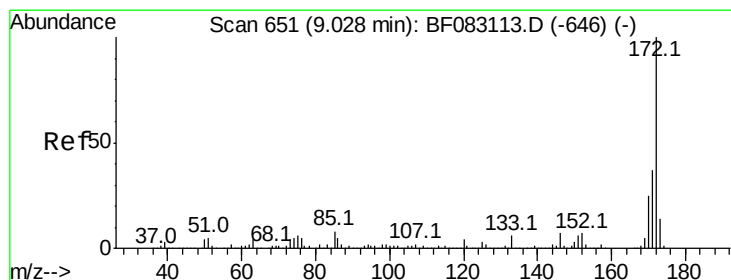
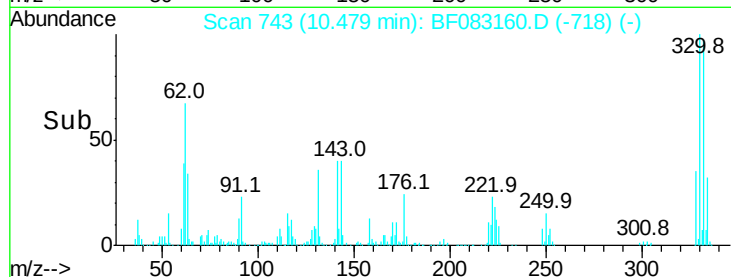
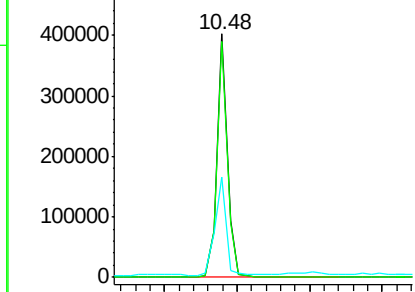
#41
 2,4,6-Tribromophenol
 Concen: 110.53 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:330 Resp: 401567
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.7 116.5
 141 42.4 29.7 44.5

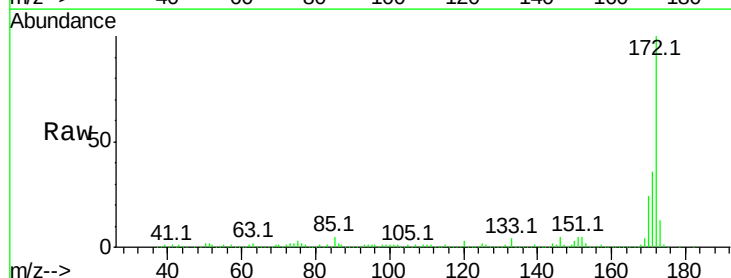


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

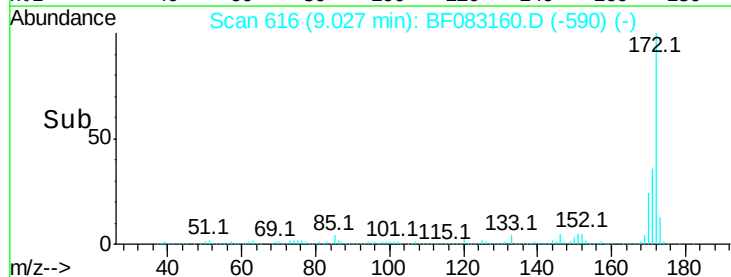
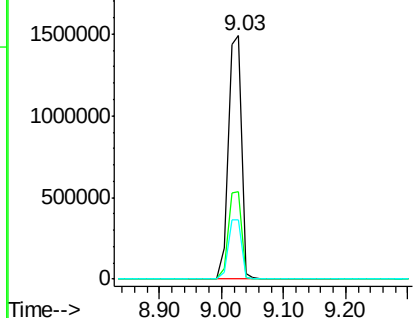


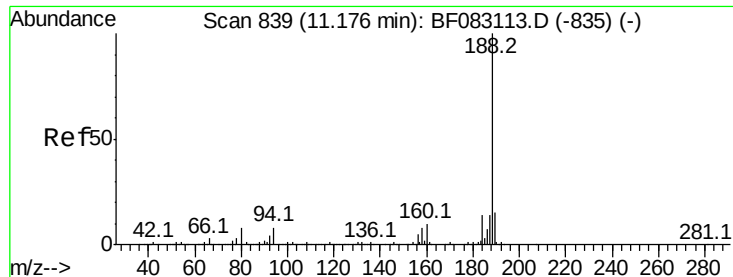
#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083160.D
 Acq: 22 Nov 2015 15:48

Tgt Ion:172 Resp: 2188941
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 24.2 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

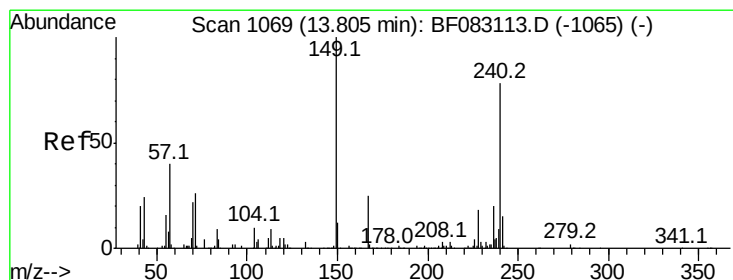
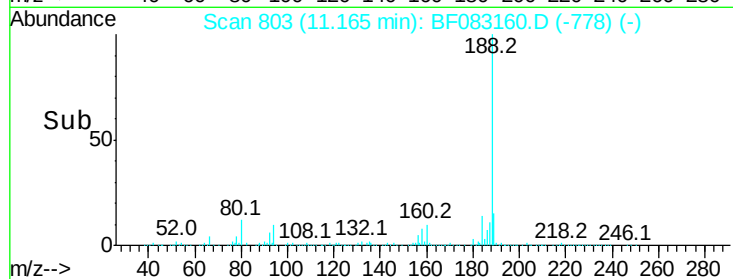
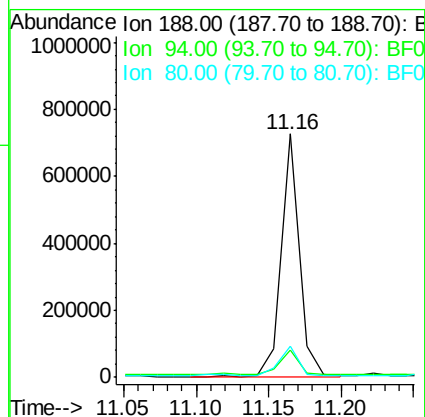
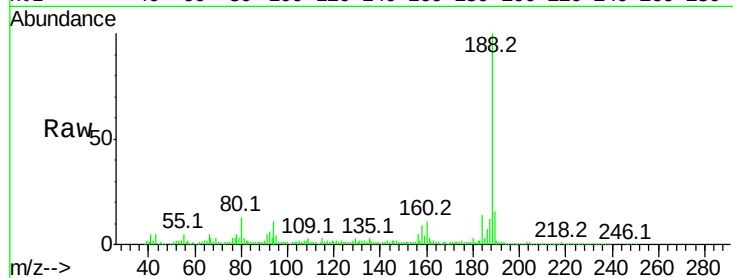




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083160.D
Acq: 22 Nov 2015 15:48

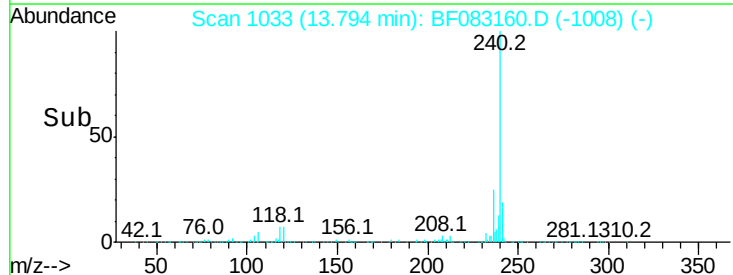
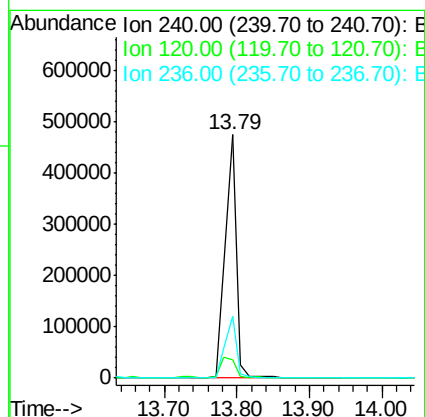
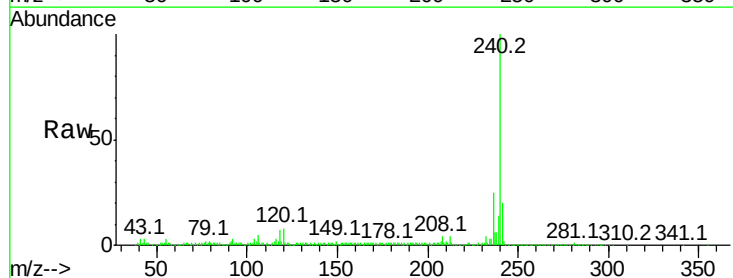
Instrument :
BNA_F
ClientSampleId :
MW-04

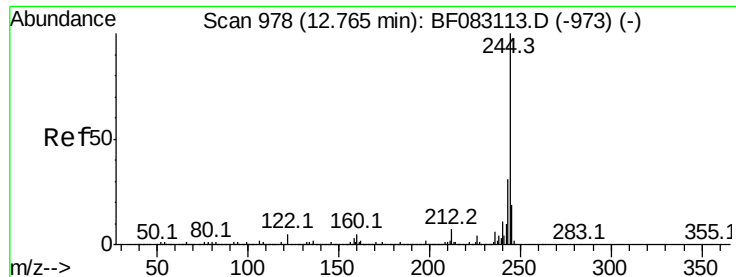
Tot Ion:188 Resp: 619344
Ion Ratio Lower Upper
188 100
94 11.4 6.0 9.0#
80 12.7 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083160.D
Acq: 22 Nov 2015 15:48

Tgt Ion:240 Resp: 500662
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.2
236 25.3 20.6 31.0





#78

Terphenyl-d14

Concen: 78.73 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

Instrument :

BNA_F

ClientSampleId :

MW-04

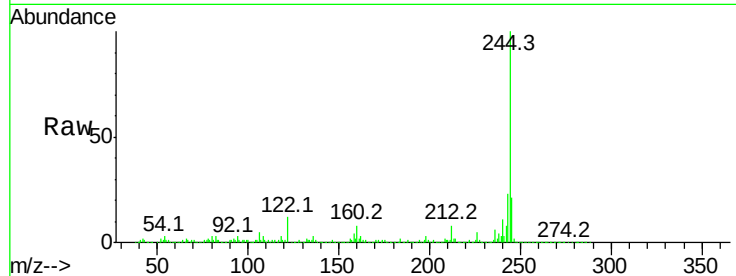
Tot Ion:244 Resp: 1673921

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

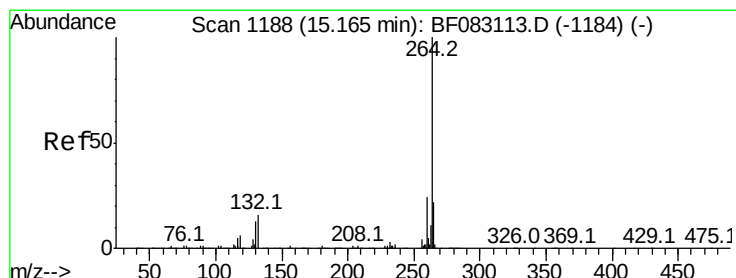
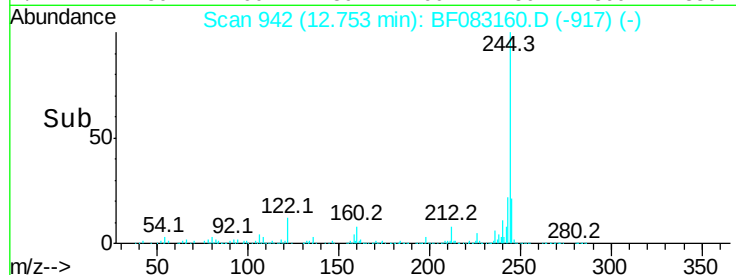
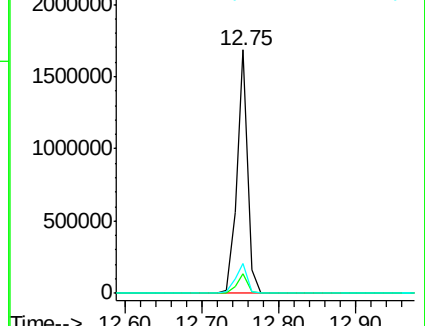
122 12.2 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083160.D

Acq: 22 Nov 2015 15:48

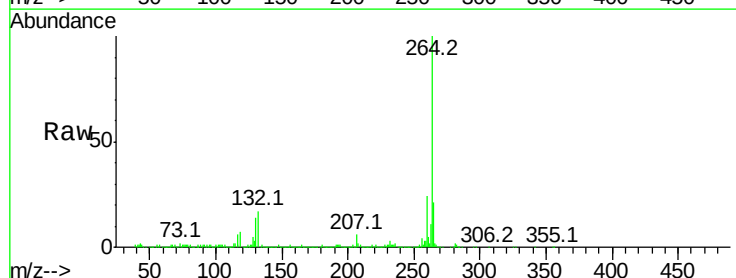
Tgt Ion:264 Resp: 433580

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.3 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

