

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083118.D
 Acq On : 21 Nov 2015 18:34
 Operator : UM/IZ
 Sample : PB86782BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Quant Time: Nov 22 09:28:29 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	192115	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	750113	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	392280	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	737157	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	706816	20.00	ng	-0.01
86) Perylene-d12	15.15	264	582797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1436159	113.02	ng	0.00
7) Phenol-d6	6.33	99	1811747	110.19	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1231730	75.03	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	430689	107.32	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2100396	74.66	ng	0.00
78) Terphenyl-d14	12.75	244	2006029	66.83	ng	-0.01

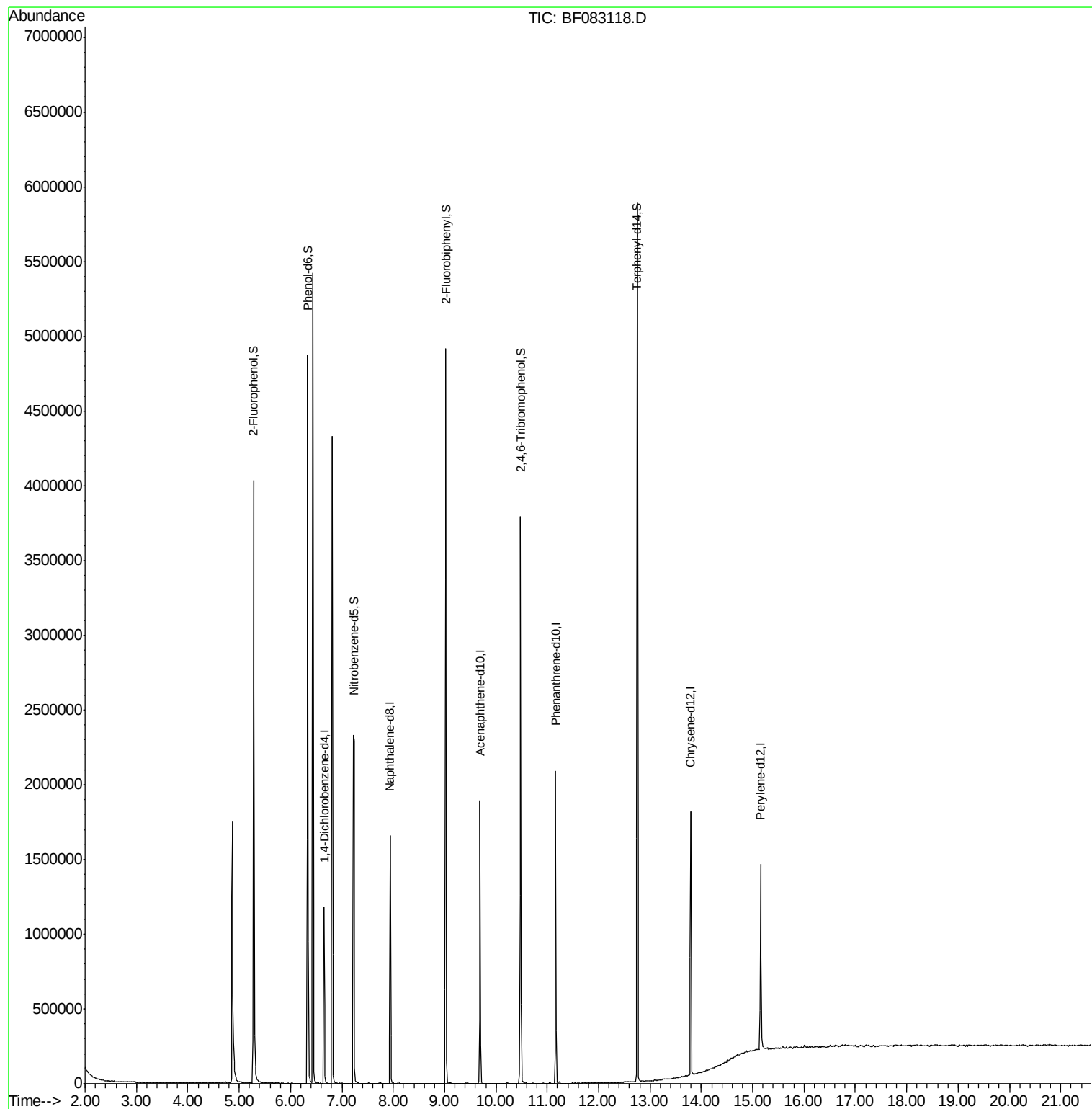
Target Compounds Qvalue

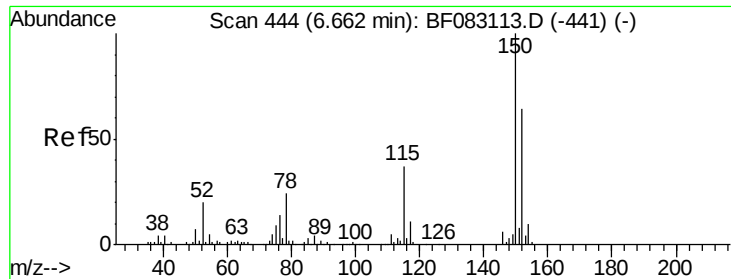
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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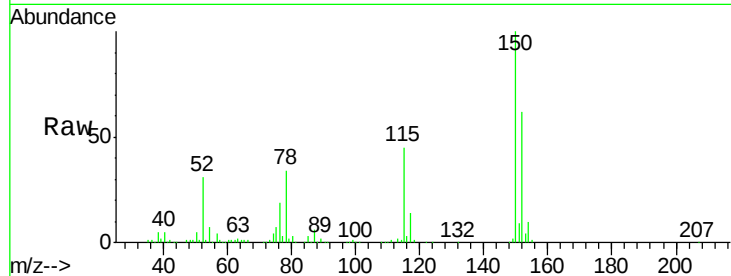


#1

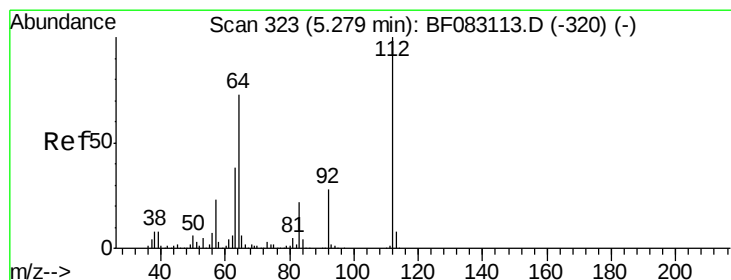
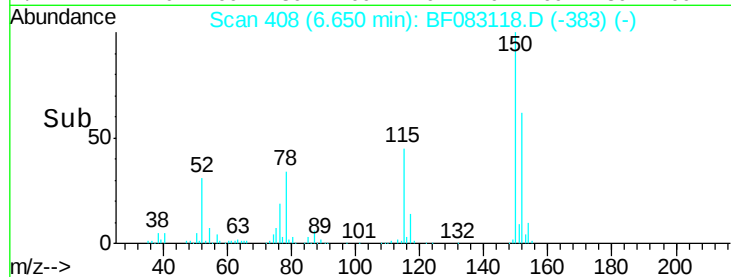
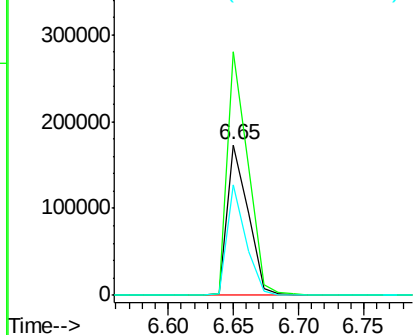
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Instrument :
BNA_F
ClientSampled :
PB86782BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	125.8	188.8
115	73.3	46.9	70.3



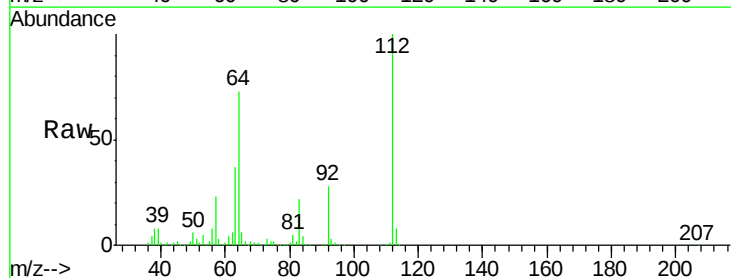
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



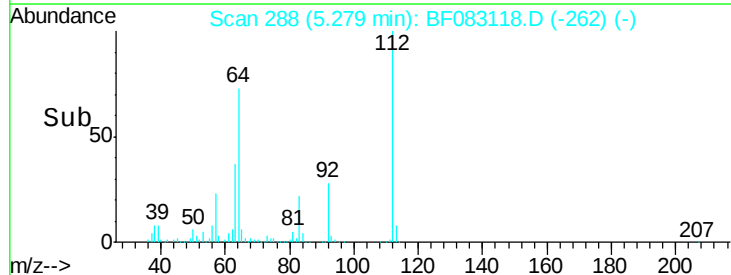
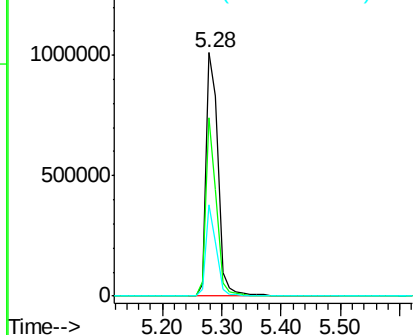
#5

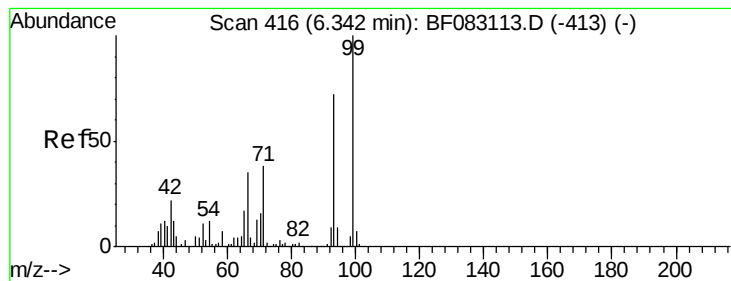
2-Fluorophenol
Concen: 113.02 ng
RT: 5.28 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.4	87.6
63	37.3	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: 110.19 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083118.D

Acq: 21 Nov 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86782BL

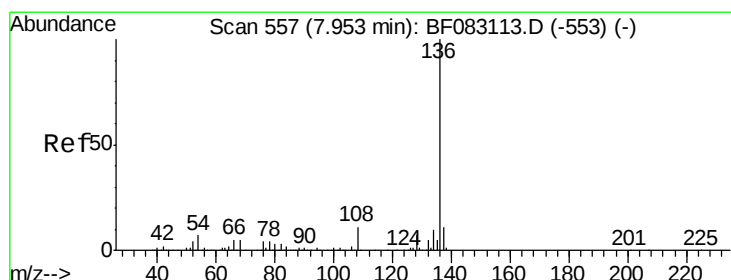
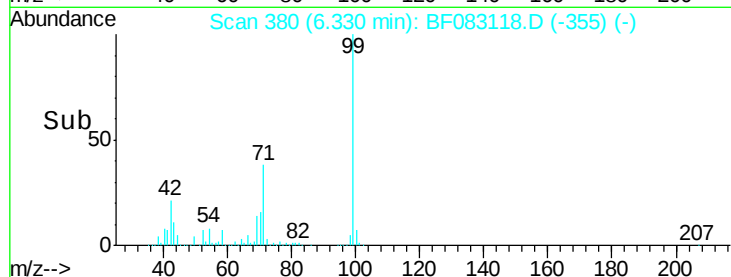
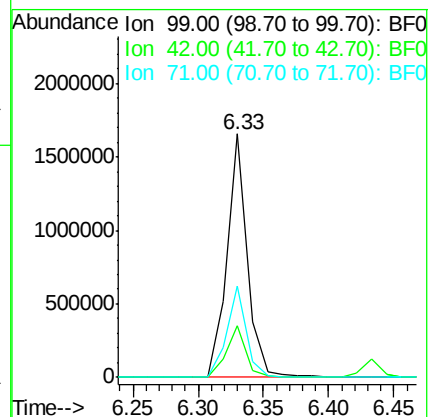
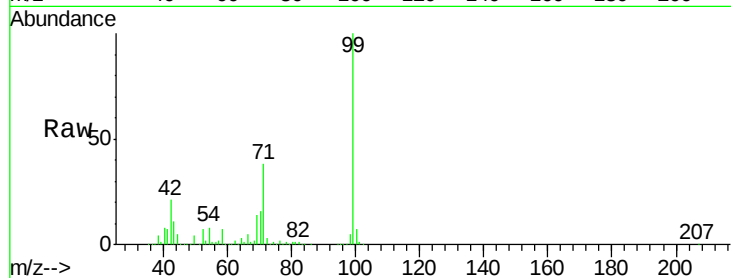
Tot Ion: 99 Resp: 1811747

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.7	26.5
71	37.6	30.2	45.4

99 100

42 21.0 17.7 26.5

71 37.6 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: BF083118.D

Acq: 21 Nov 2015 18:34

Tgt Ion: 136 Resp: 750113

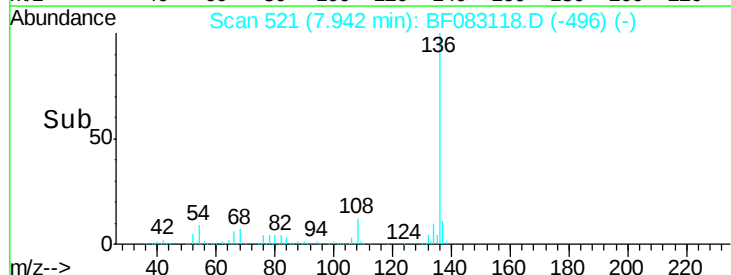
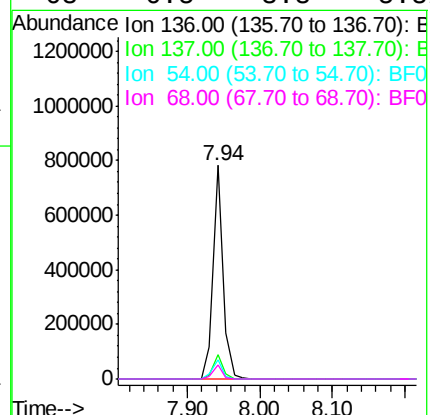
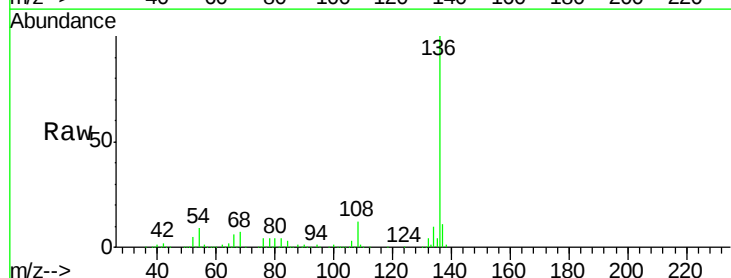
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	5.8	8.6#
68	6.5	3.8	5.8#

136 100

137 11.3 8.7 13.1

54 9.2 5.8 8.6#

68 6.5 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 75.03 ng

RT: 7.23 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF083118.D

Acq: 21 Nov 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB86782BL

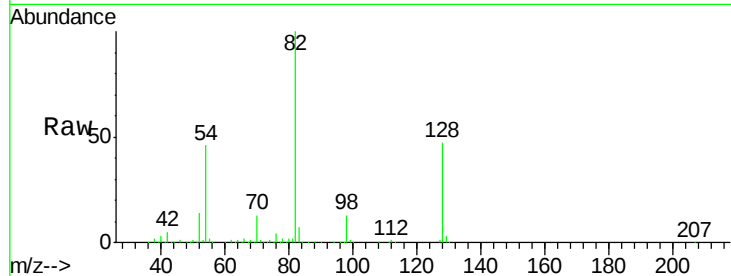
Tot Ion: 82 Resp: 1231730

Ion Ratio Lower Upper

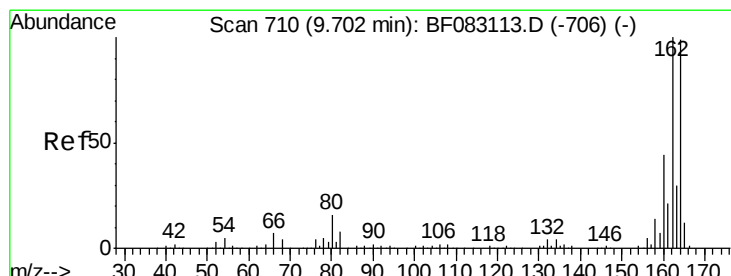
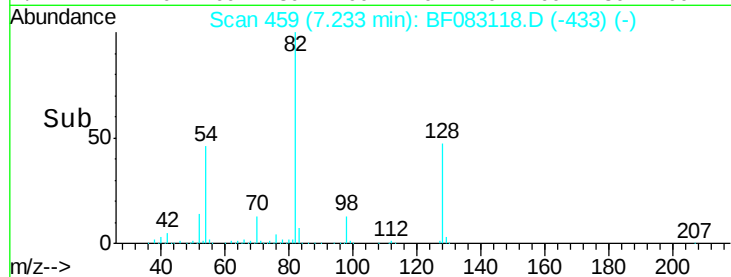
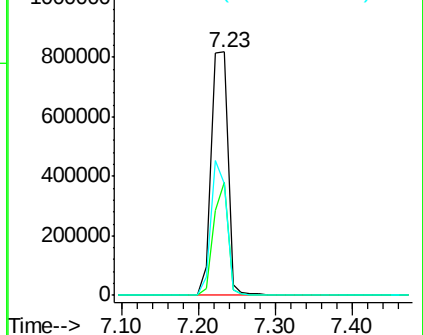
82 100

128 46.7 28.5 42.7#

54 46.1 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: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083118.D

Acq: 21 Nov 2015 18:34

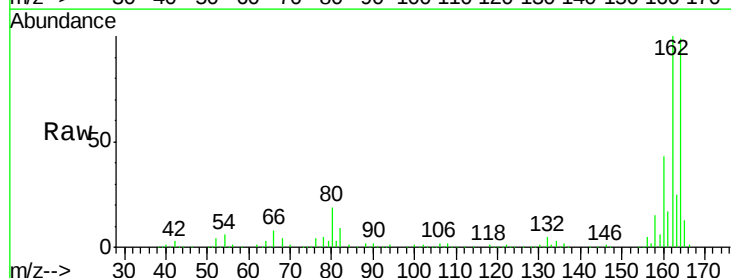
Tgt Ion:164 Resp: 392280

Ion Ratio Lower Upper

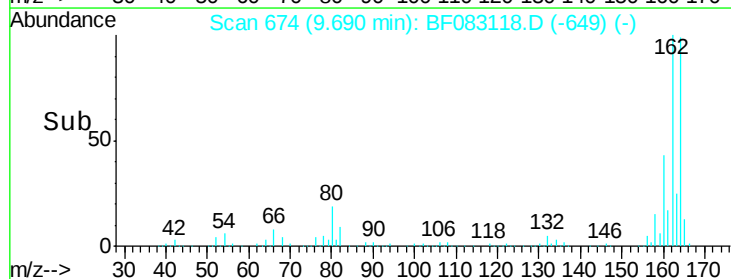
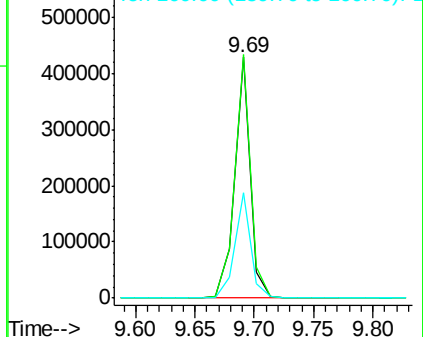
164 100

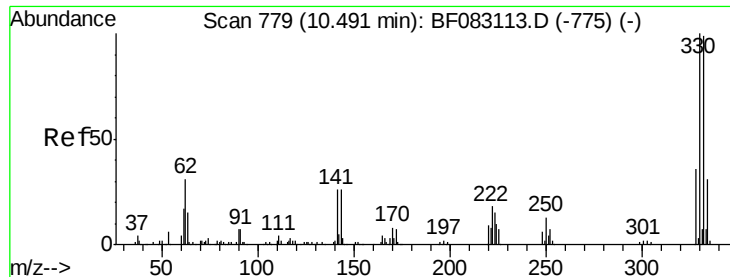
162 101.1 81.2 121.8

160 43.7 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

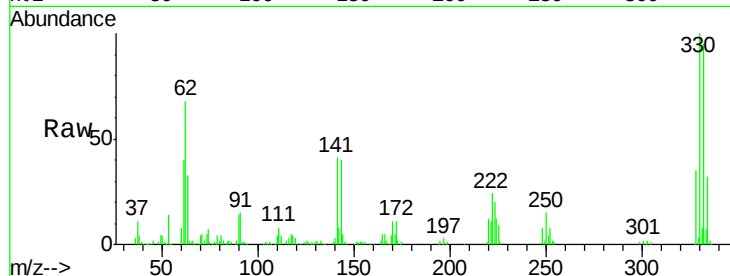




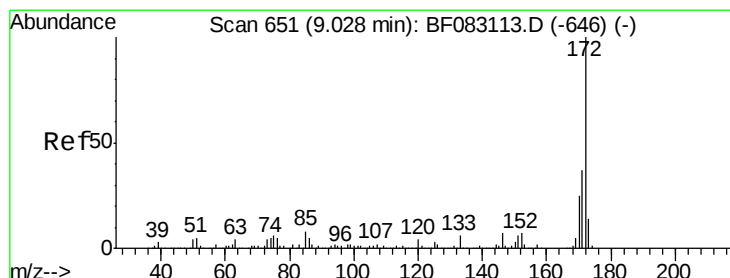
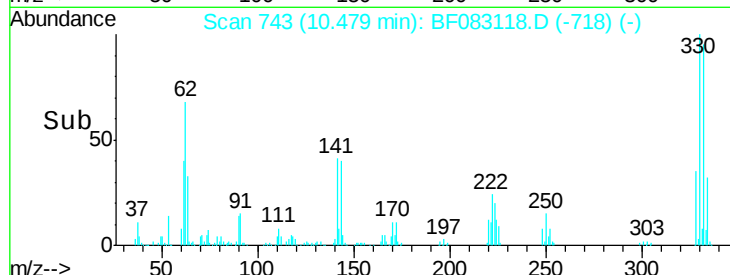
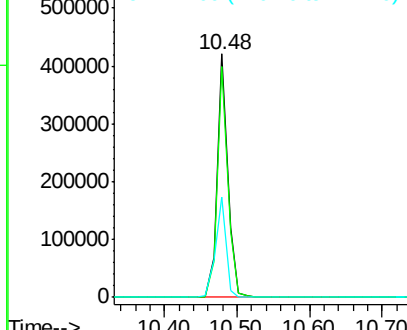
#41
 2,4,6-Tribromophenol
 Concen: 107.32 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampled :
 PB86782BL

Tot Ion:330 Resp: 430689
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.7 116.5
 141 40.8 29.7 44.5

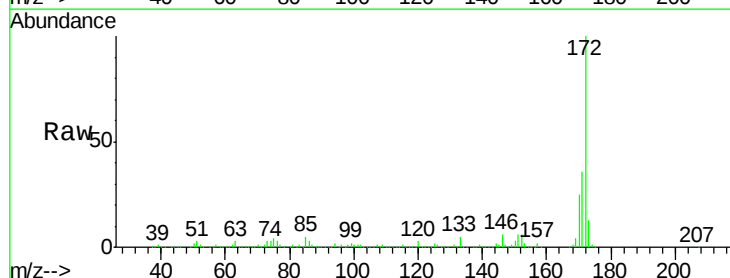


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

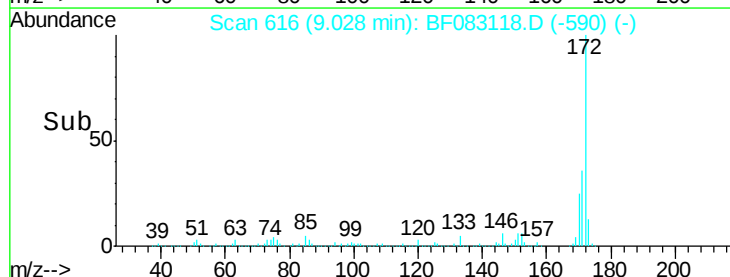
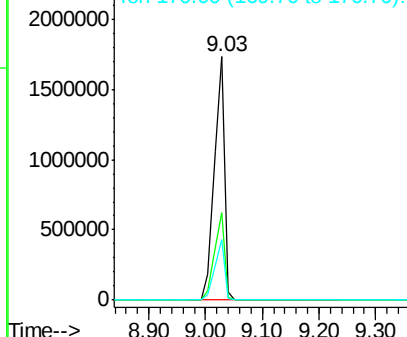


#44
 2-Fluorobiphenyl
 Concen: 74.66 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:172 Resp: 2100396
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.5 44.3
 170 25.0 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

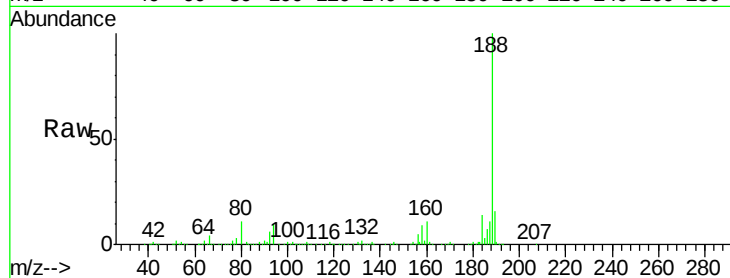




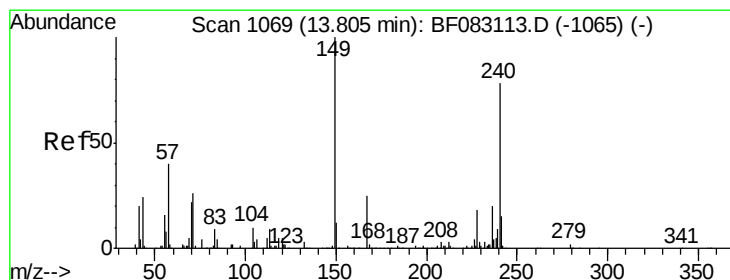
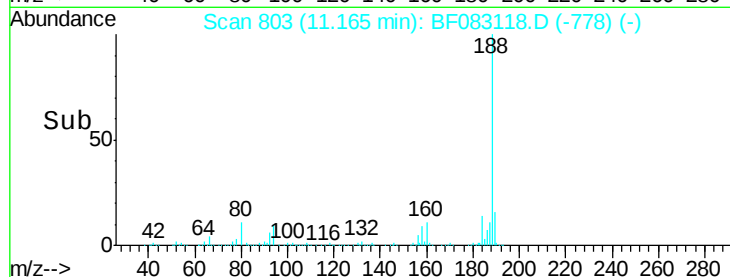
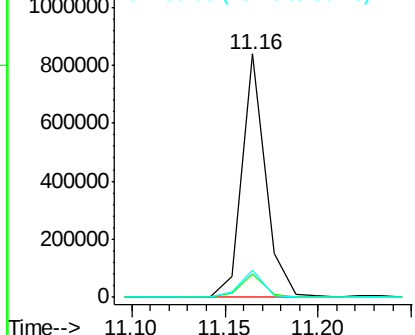
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Instrument :
BNA_F
ClientSampled :
PB86782BL

Tot Ion:188 Resp: 737157
Ion Ratio Lower Upper
188 100
94 9.5 6.0 9.0#
80 11.2 6.7 10.1#

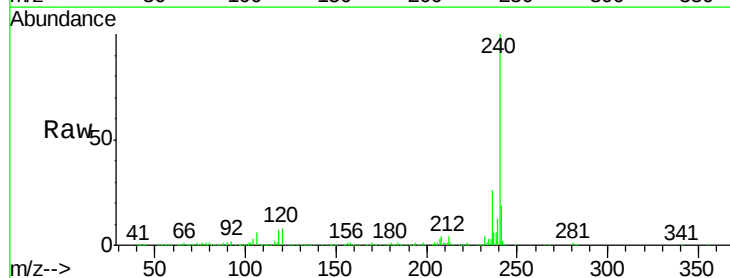


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

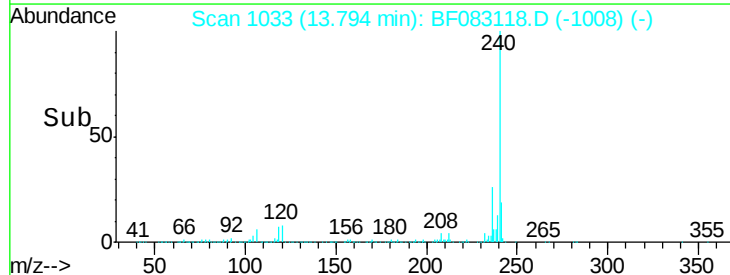
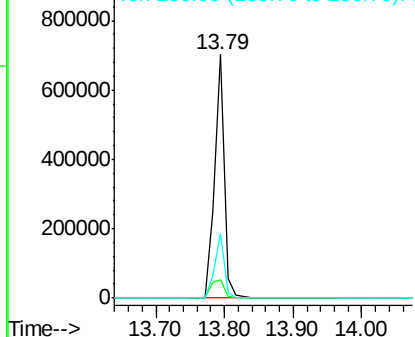


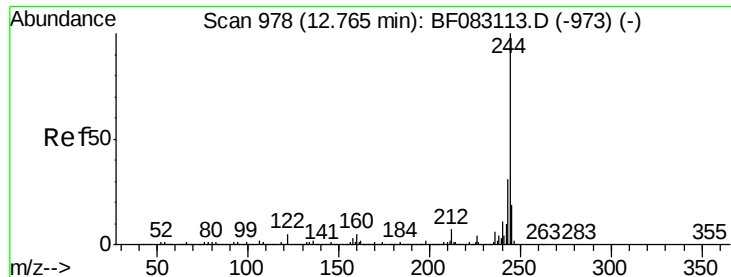
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083118.D
Acq: 21 Nov 2015 18:34

Tgt Ion:240 Resp: 706816
Ion Ratio Lower Upper
240 100
120 7.8 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

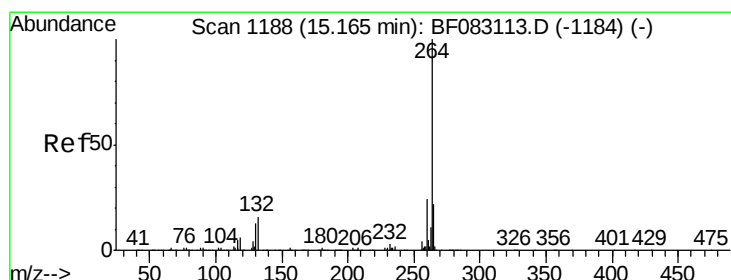
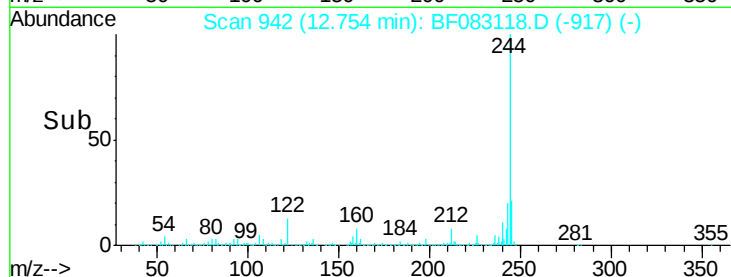
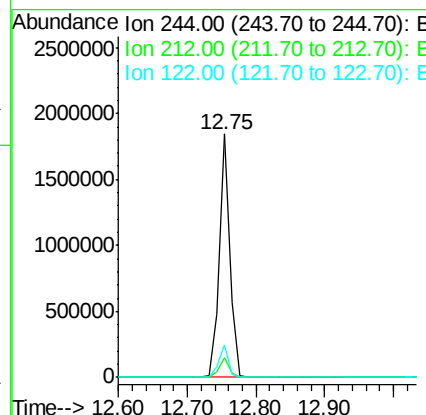
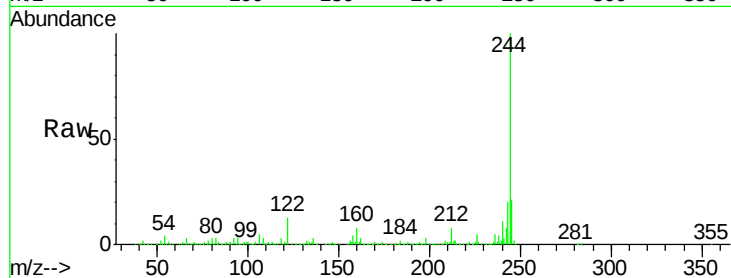




#78
 Terphenyl-d14
 Concen: 66.83 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BL

Tot Ion:244 Resp: 2006029
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 13.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083118.D
 Acq: 21 Nov 2015 18:34

Tgt Ion:264 Resp: 582797
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.8 18.2 27.4

