

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080933.D
 Acq On : 7 Aug 2015 18:26
 Operator : TP/UM
 Sample : PB84720BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Quant Time: Aug 08 03:04:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54325	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	192238	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	97613	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	212555	20.00	ng	0.00
75) Chrysene-d12	13.95	240	177513	20.00	ng	-0.01
86) Perylene-d12	15.36	264	134311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	385395	115.91	ng	0.02
7) Phenol-d6	6.44	99	607487	133.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	318229	78.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	143189	133.52	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	634002	91.44	ng	0.00
78) Terphenyl-d14	12.91	244	645006	75.05	ng	0.00

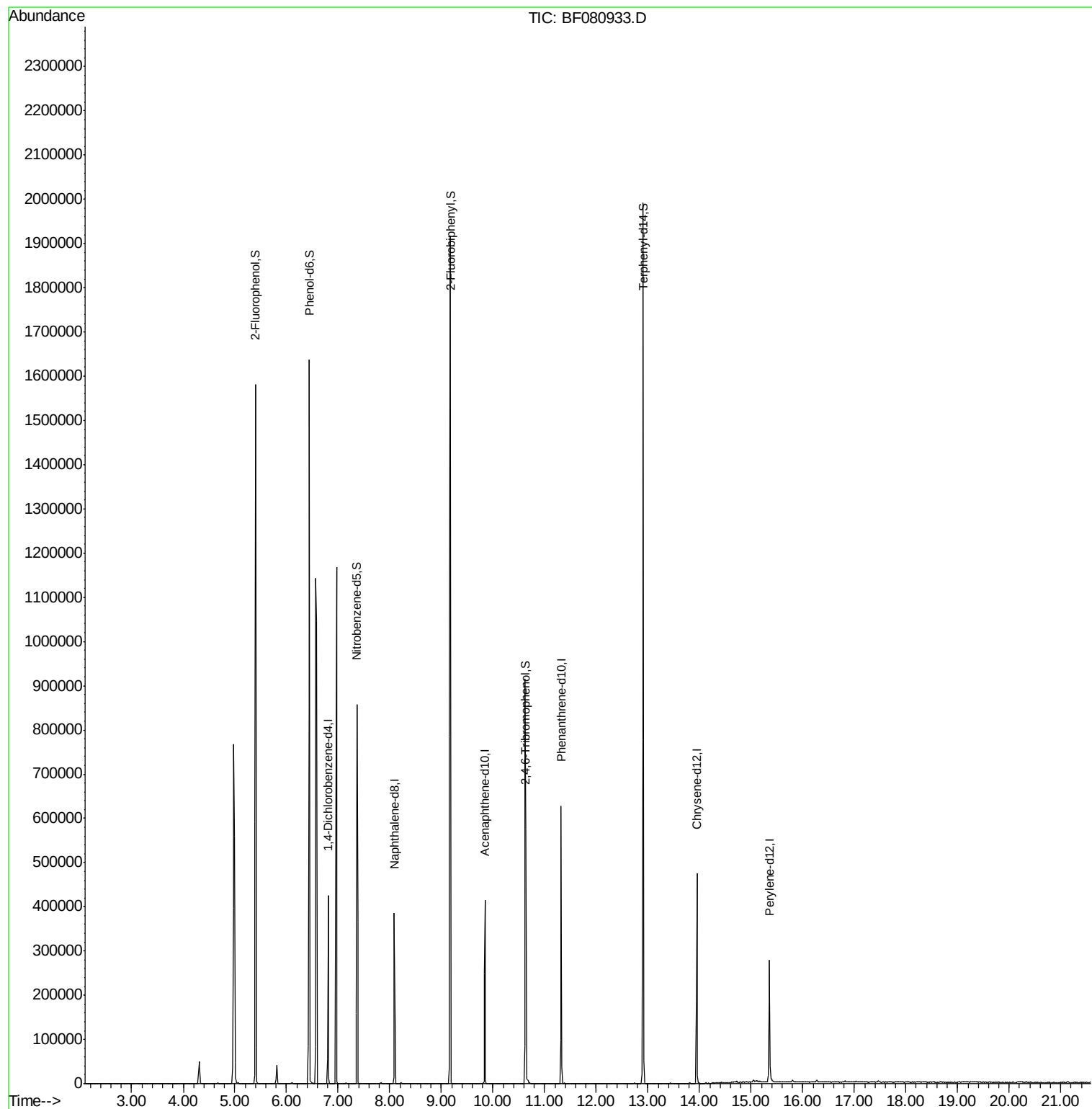
Target Compounds Qvalue

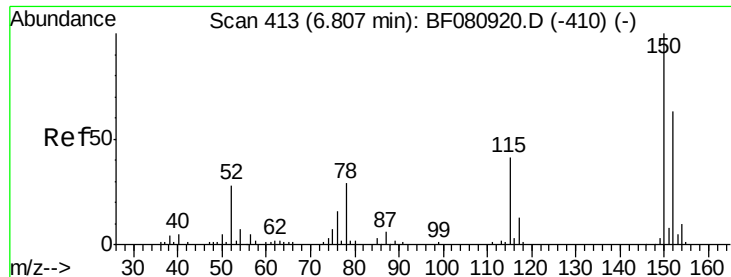
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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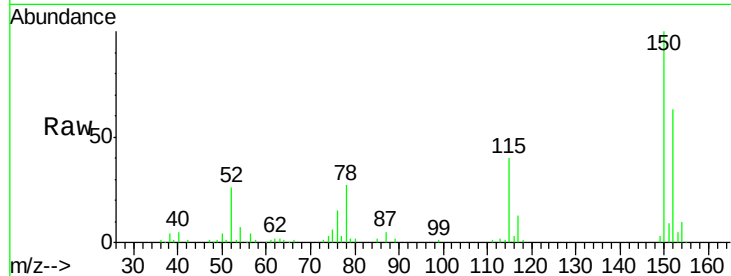


#1

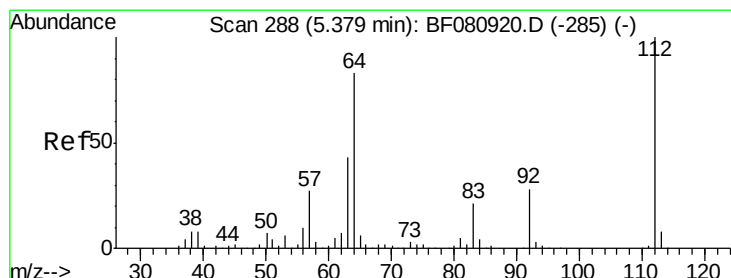
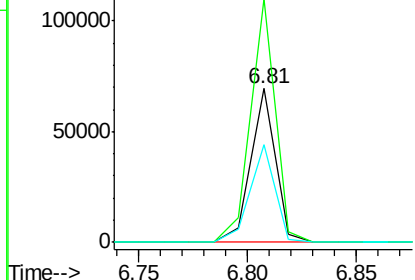
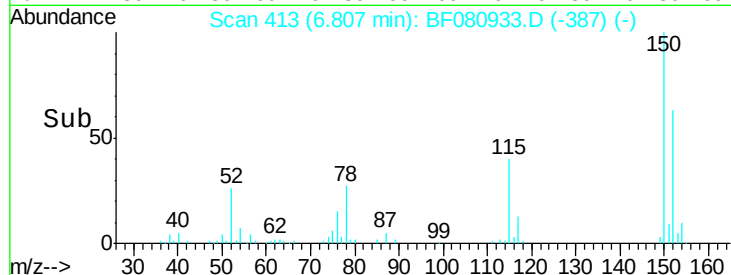
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB84720BL

Tot Ion:152 Resp: 54325
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 63.9 52.6 78.8



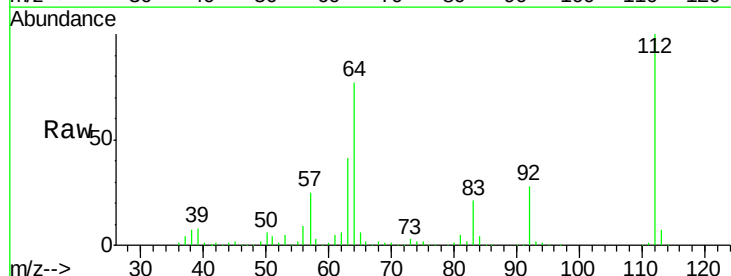
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



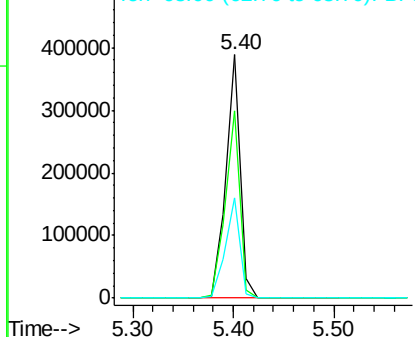
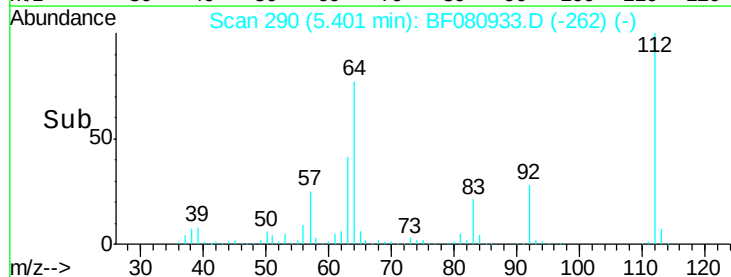
#5

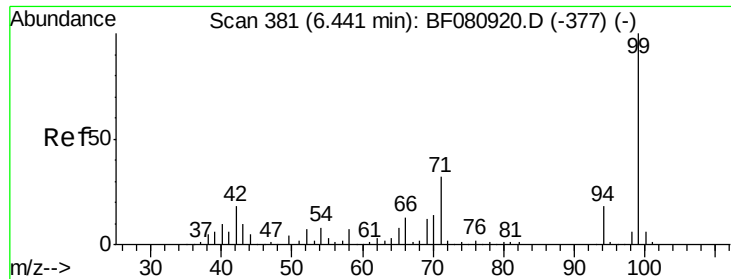
2-Fluorophenol
Concen: 115.91 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Tgt Ion:112 Resp: 385395
Ion Ratio Lower Upper
112 100
64 76.7 66.1 99.1
63 41.1 34.6 52.0



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: 133.33 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB84720BL

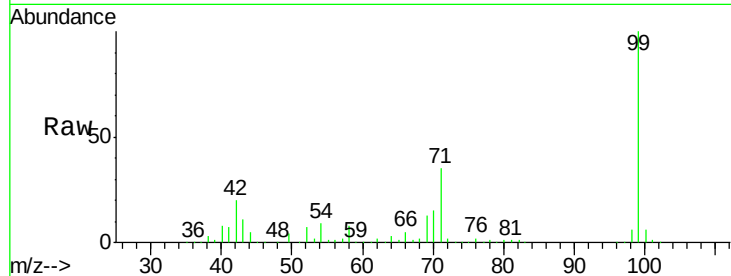
Tot Ion: 99 Resp: 607487

Ion Ratio Lower Upper

99 100

42 20.0 14.4 21.6

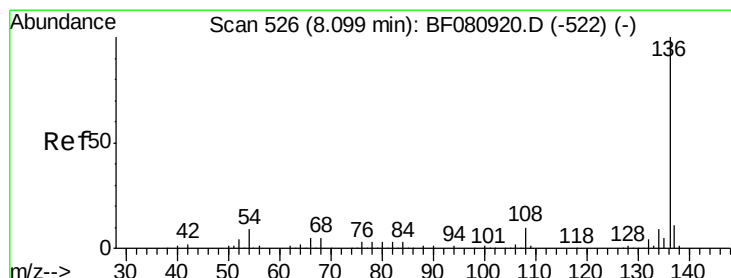
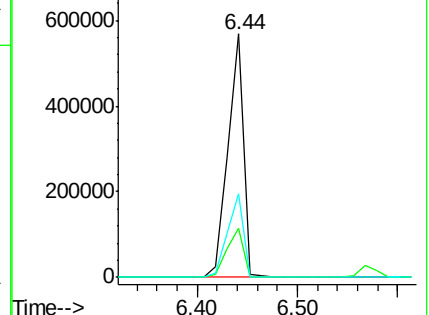
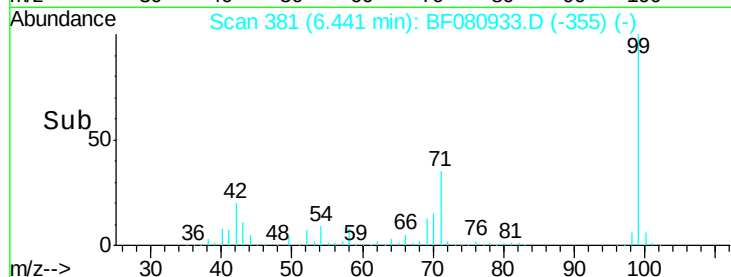
71 34.6 25.8 38.8



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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Tgt Ion: 136 Resp: 192238

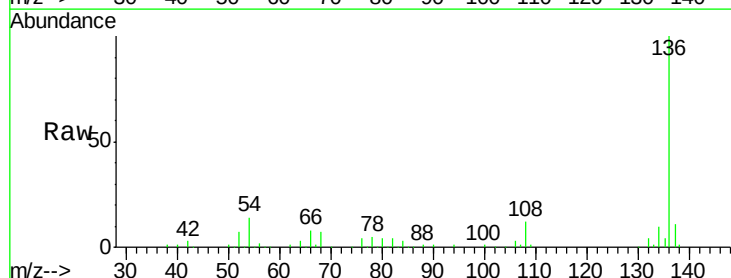
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 14.3 7.1 10.7#

68 7.2 3.8 5.8#

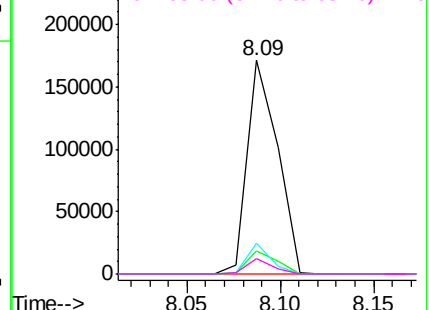
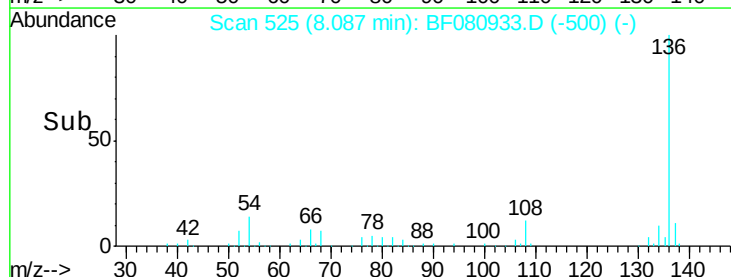


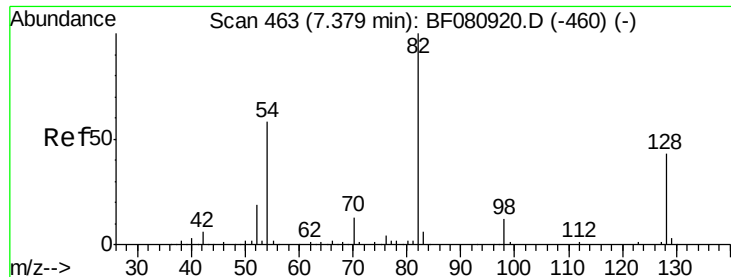
Abundance Ion 136.00 (135.70 to 136.70): E

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

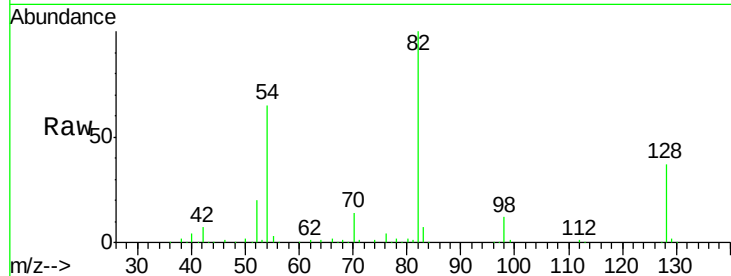




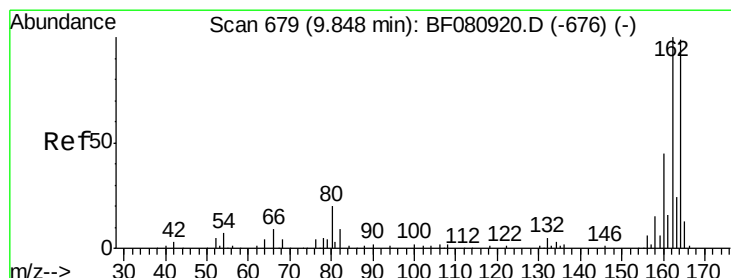
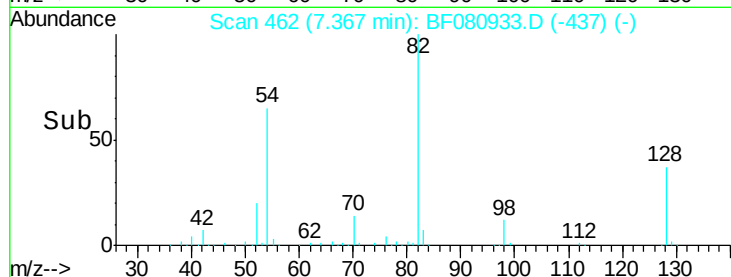
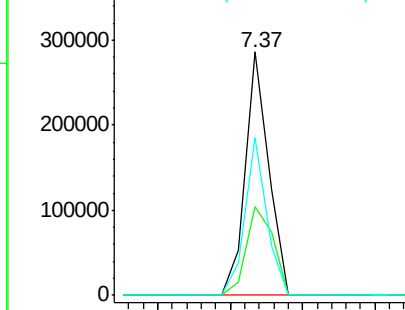
#23
 Nitrobenzene-d5
 Concen: 78.30 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Tot Ion	82	Resp	318229
Ion Ratio	Lower	Upper	
82	100		
128	36.5	34.1	51.1
54	65.0	46.5	69.7

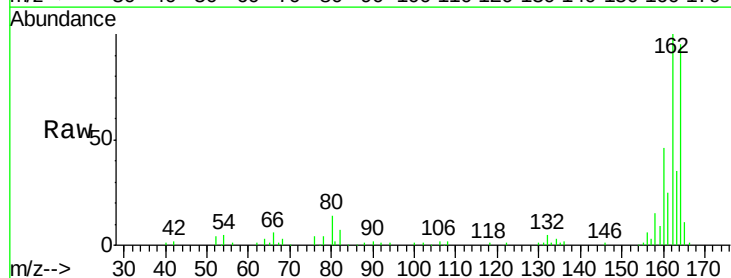


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

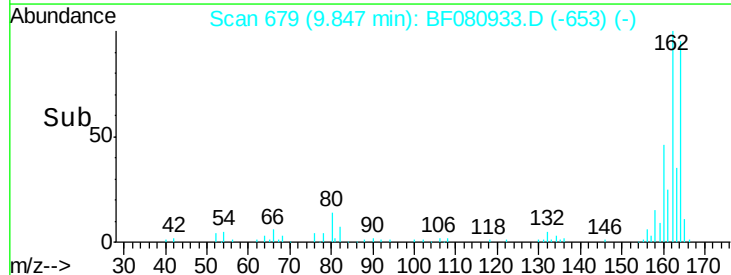
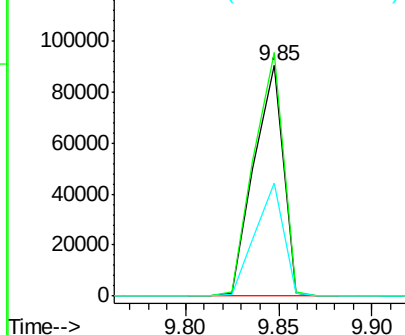


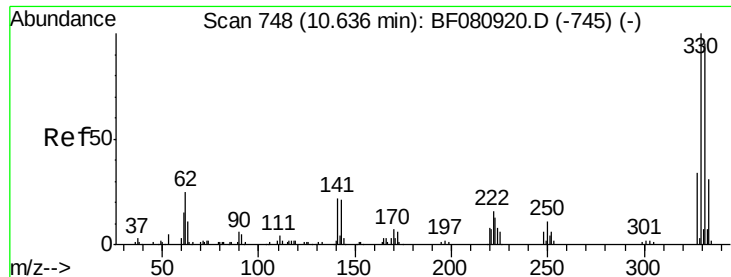
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Tgt Ion	164	Resp	97613
Ion Ratio	Lower	Upper	
164	100		
162	105.7	80.5	120.7
160	48.9	36.6	54.8



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

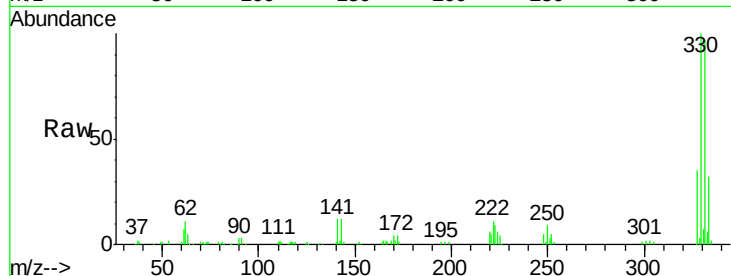




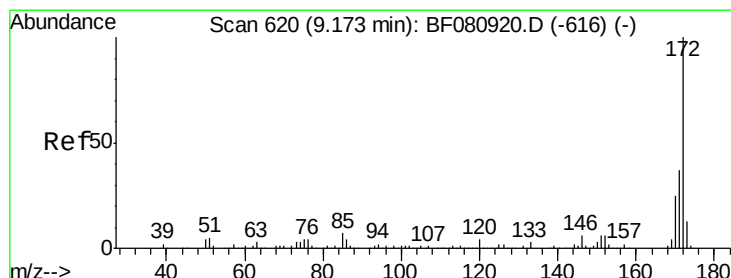
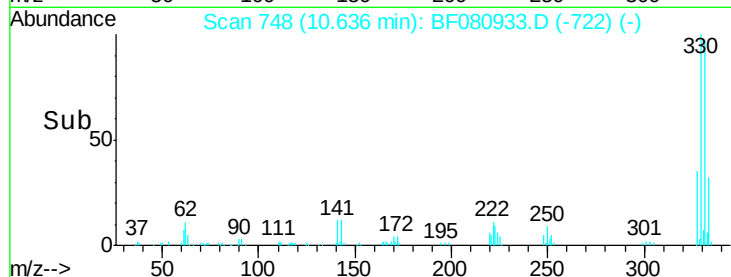
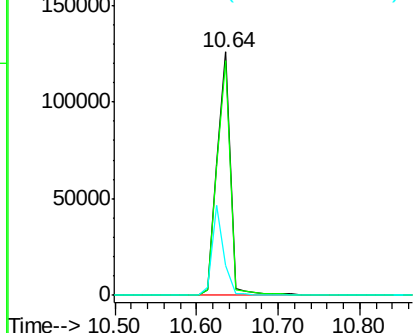
#41
 2,4,6-Tribromophenol
 Concen: 133.52 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	32.8	27.8	41.8

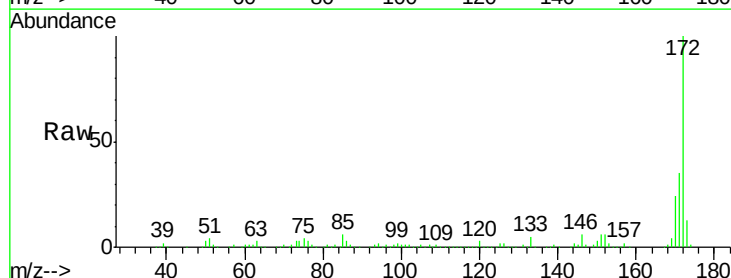


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

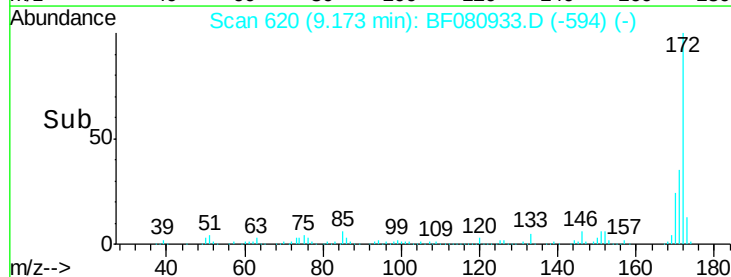
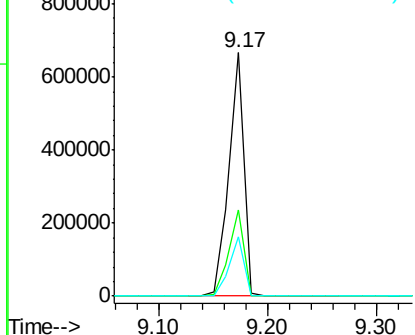


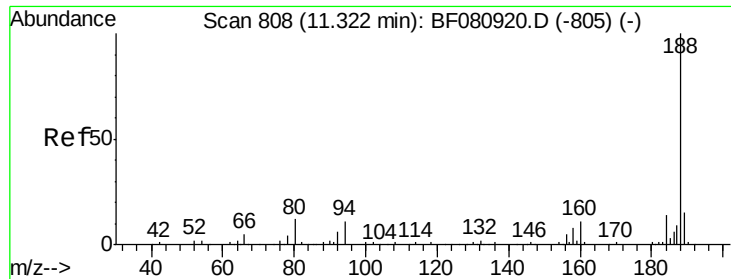
#44
 2-Fluorobiphenyl
 Concen: 91.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.4	19.7	29.5



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

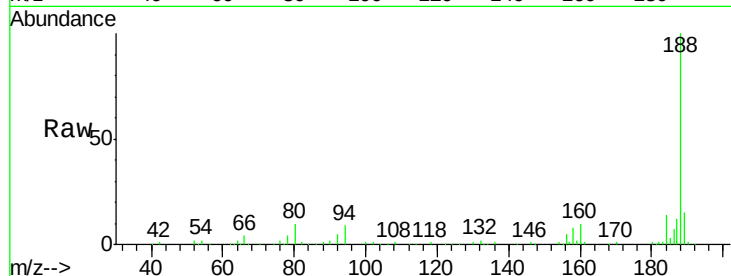




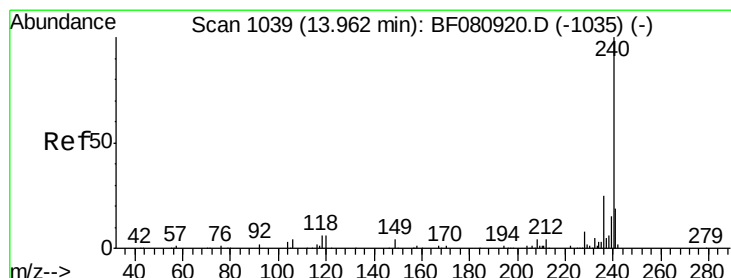
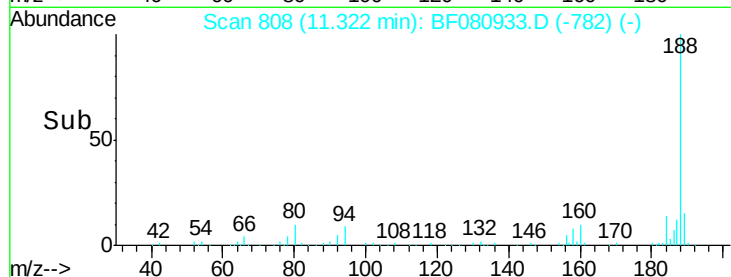
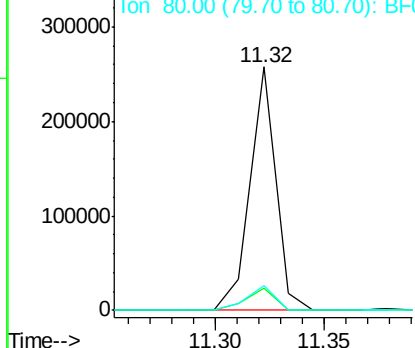
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB84720BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.8	13.2
80	10.3	9.5	14.3

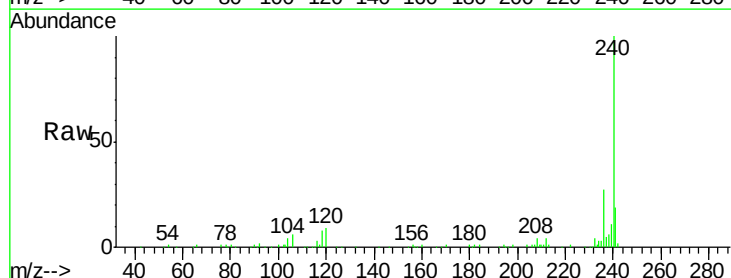


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

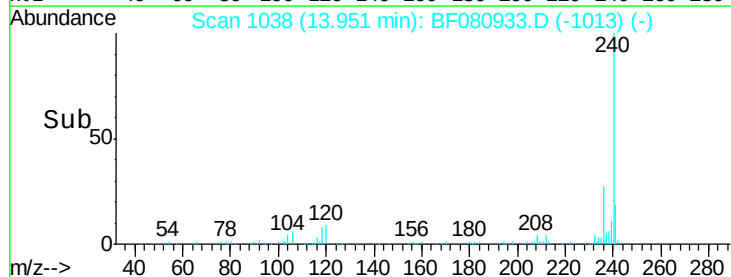
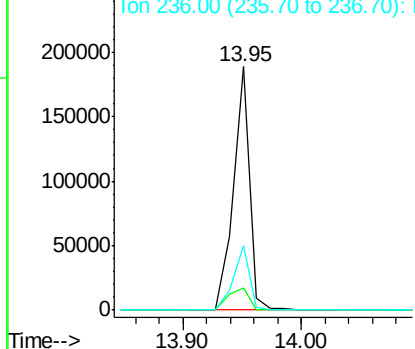


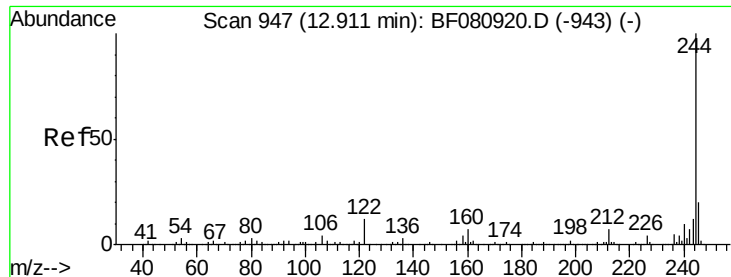
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.2	7.8#
236	26.6	20.2	30.4



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

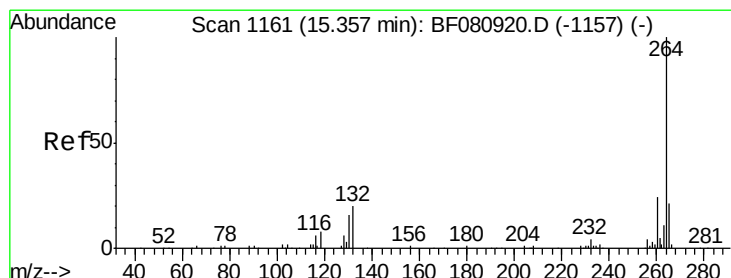
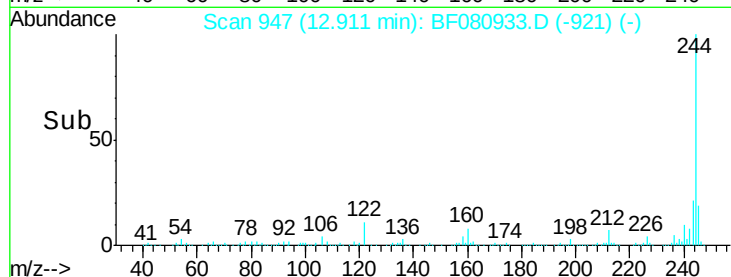
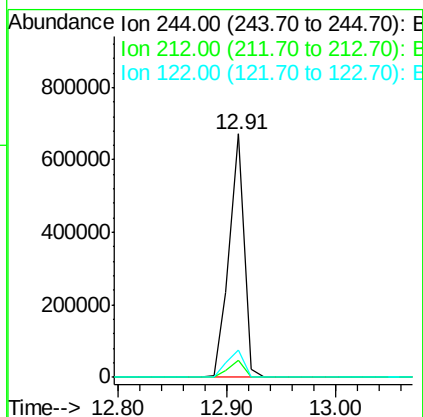
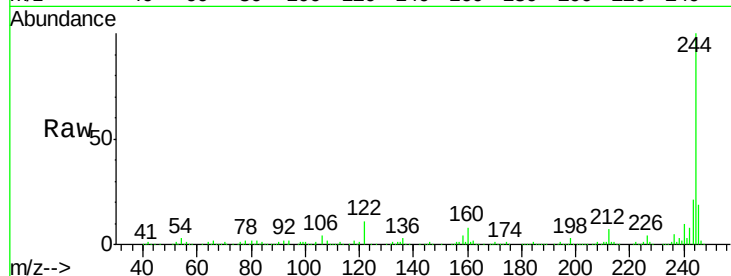




#78
 Terphenyl-d14
 Concen: 75.05 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.5	9.4	14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.0	17.0	25.4

