

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086233.D
 Acq On : 15 Apr 2016 23:06
 Operator : UM/SJ
 Sample : H2402-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-4-7-16

Quant Time: Apr 16 01:43:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	295319	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1211182	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	524514	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	899111	20.00	ng	0.00
75) Chrysene-d12	14.04	240	549362	20.00	ng	-0.01
86) Perylene-d12	15.48	264	468272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1056147	58.60	ng	0.00
7) Phenol-d6	6.51	99	850732	37.73	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1813635	86.37	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	533402	126.64	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2674492	94.09	ng	0.00
78) Terphenyl-d14	13.00	244	1765356	80.80	ng	0.00

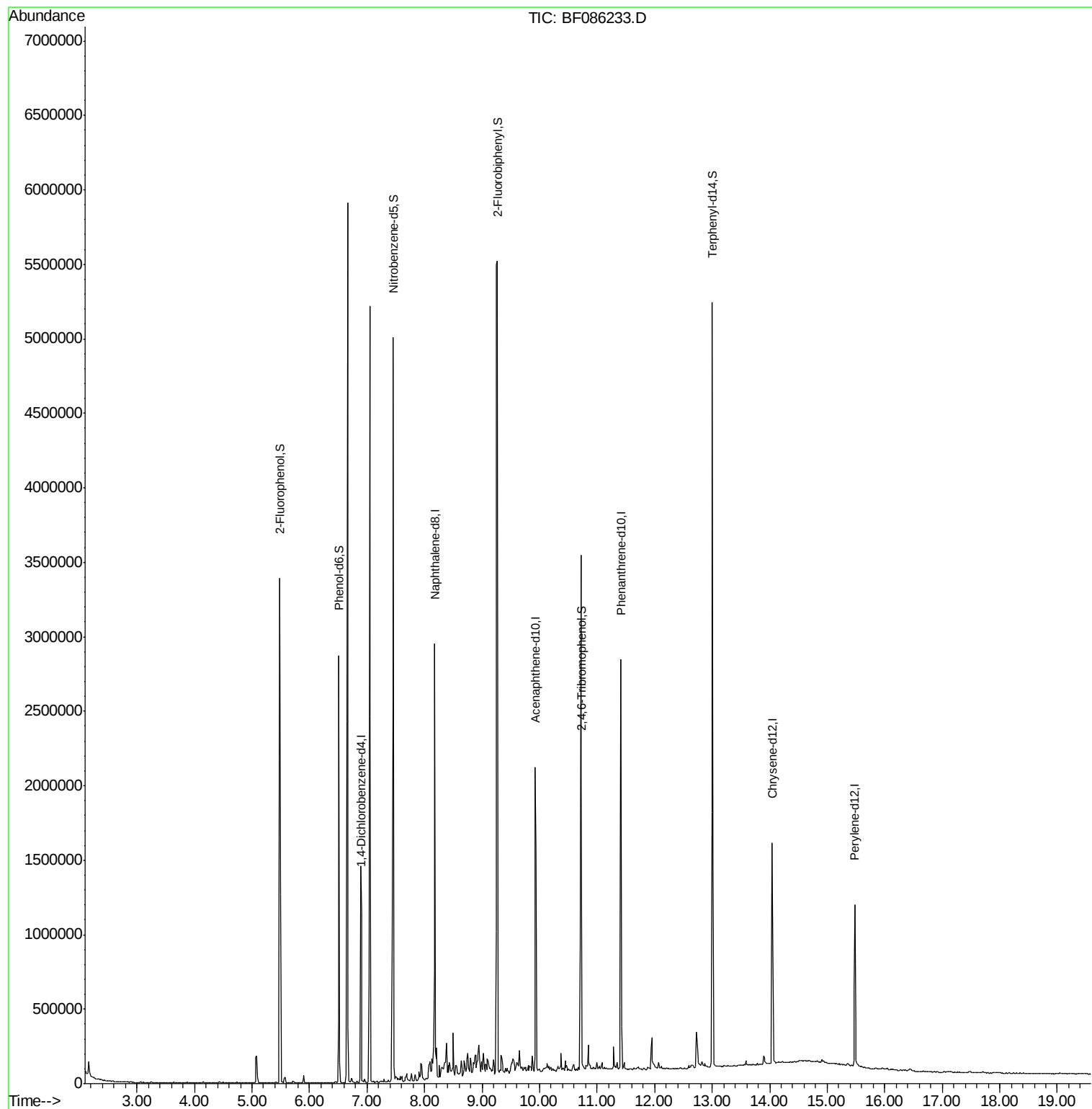
Target Compounds Qvalue

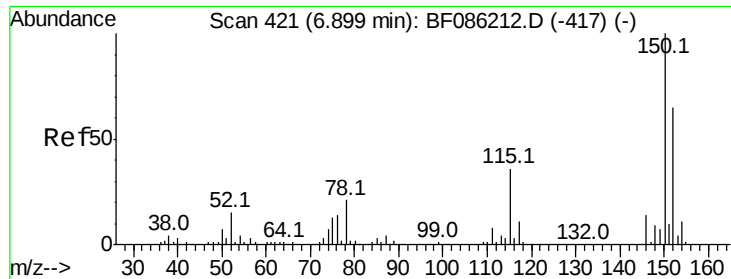
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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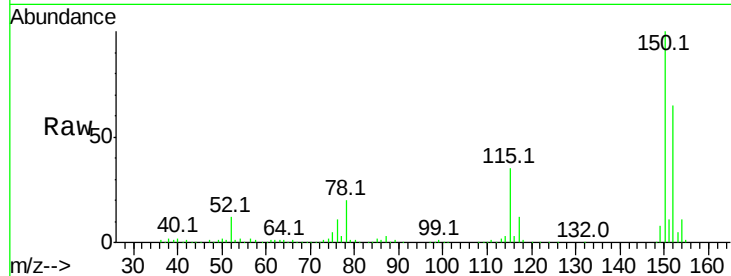


#1

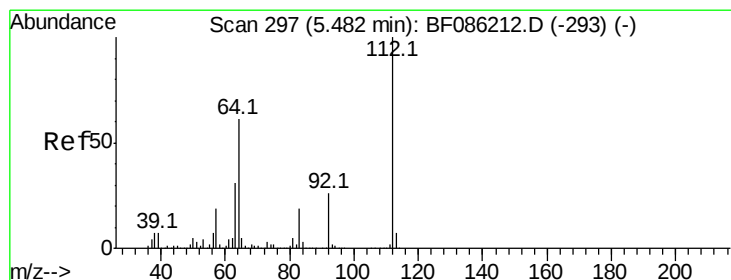
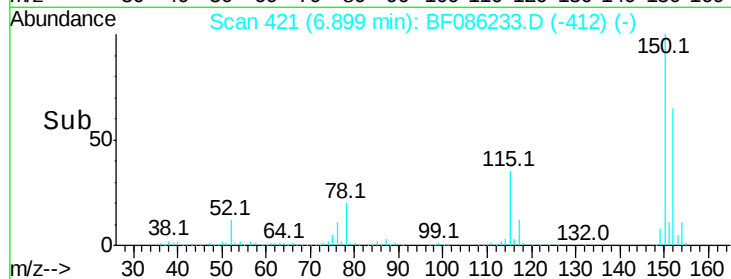
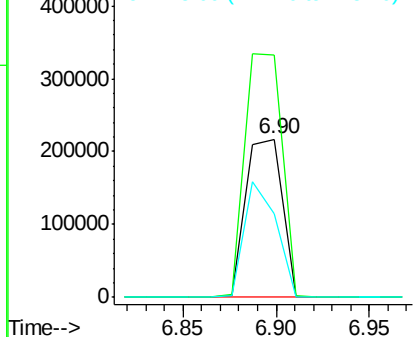
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tot Ion:152 Resp: 295319
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 53.2 43.9 65.9



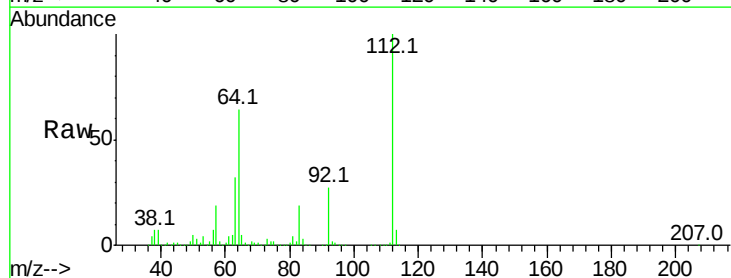
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



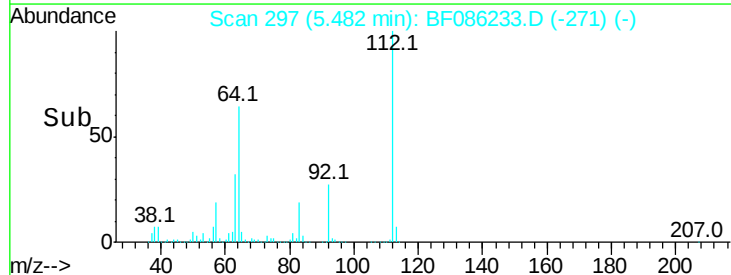
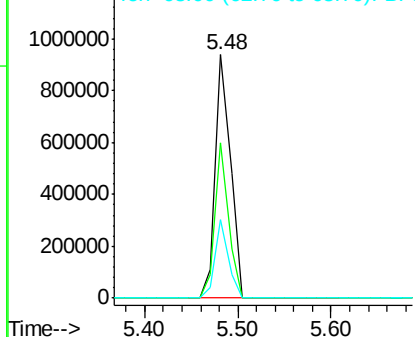
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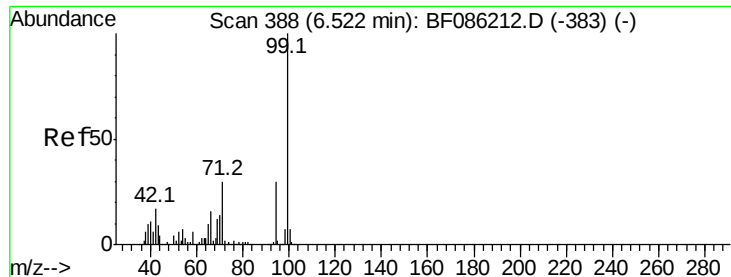
2-Fluorophenol
Concen: 58.60 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion:112 Resp: 1056147
Ion Ratio Lower Upper
112 100
64 63.9 48.1 72.1
63 32.0 25.5 38.3



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: 37.73 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086233.D

Acq: 15 Apr 2016 23:06

Instrument :

BNA_F

ClientSampleId :

MW-1-4-7-16

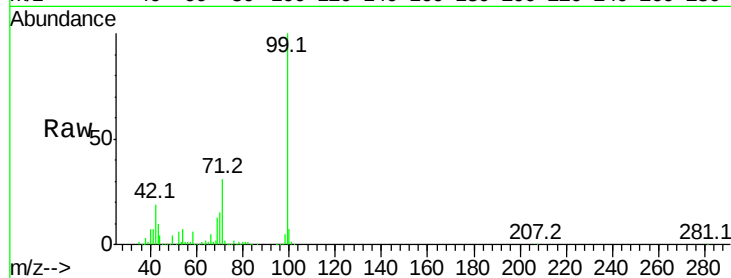
Tot Ion: 99 Resp: 850732

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.2

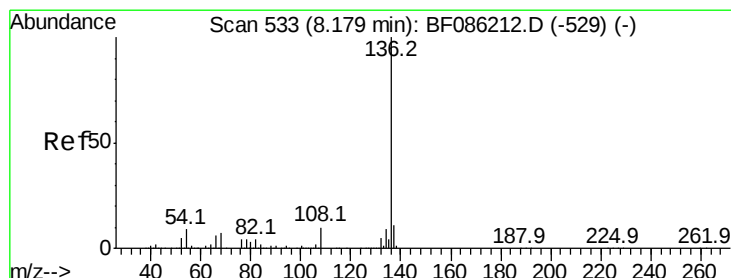
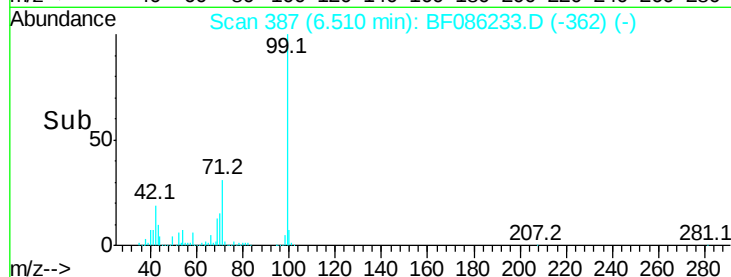
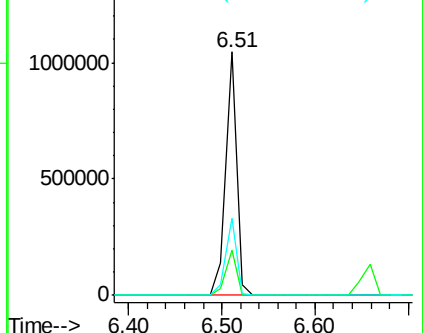
71 31.5 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086233.D

Acq: 15 Apr 2016 23:06

Tgt Ion: 136 Resp: 1211182

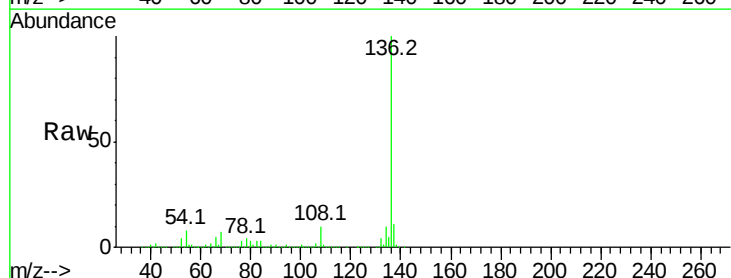
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 7.3 10.9

68 6.6 5.7 8.5

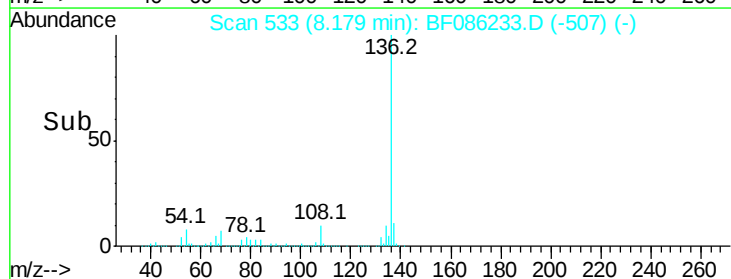
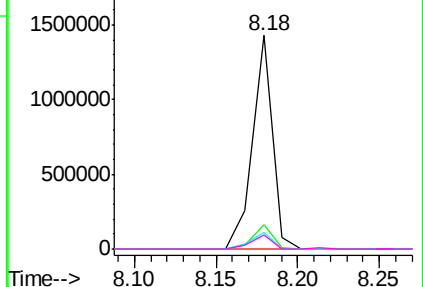


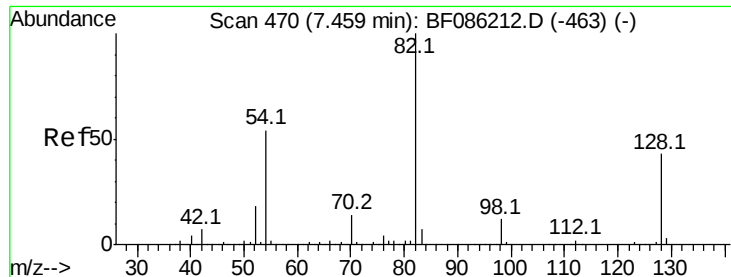
Abundance Ion 136.00 (135.70 to 136.70): E

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

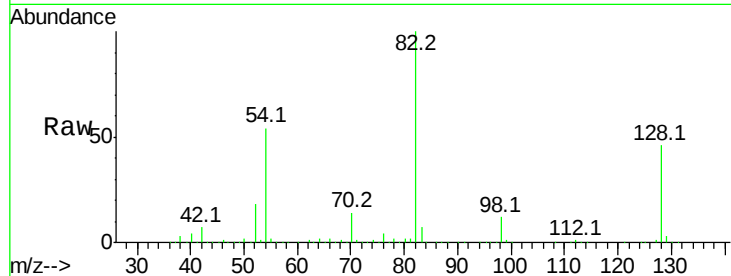




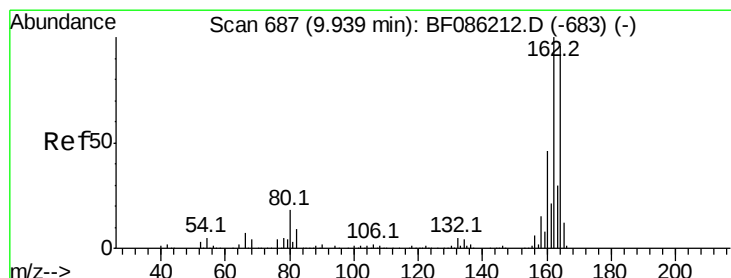
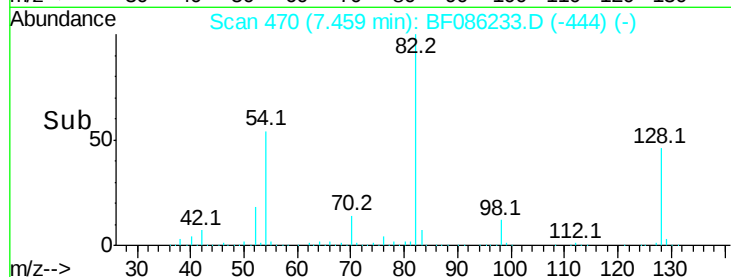
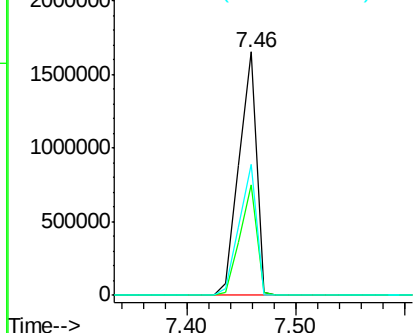
#23
Nitrobenzene-d5
Concen: 86.37 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tot Ion: 82 Resp: 1813635
Ion Ratio Lower Upper
82 100
128 45.6 35.4 53.2
54 53.7 43.4 65.0

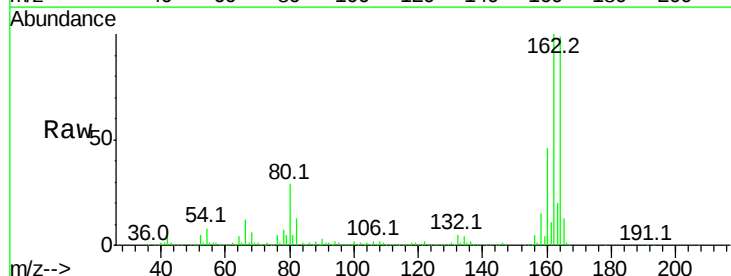


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

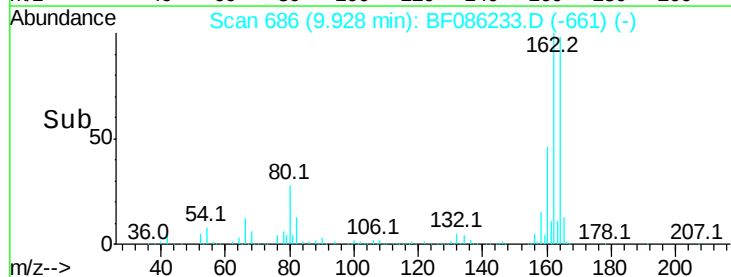
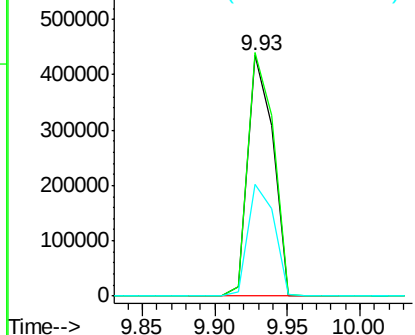


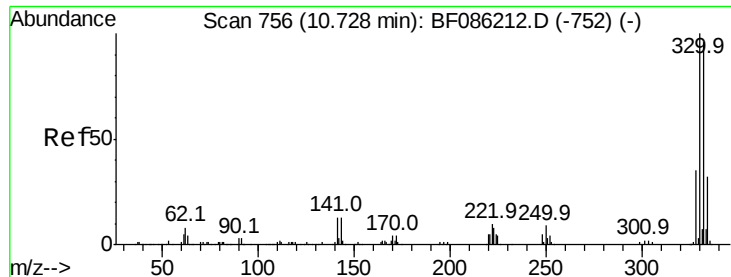
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion:164 Resp: 524514
Ion Ratio Lower Upper
164 100
162 101.1 82.8 124.2
160 46.2 38.9 58.3



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

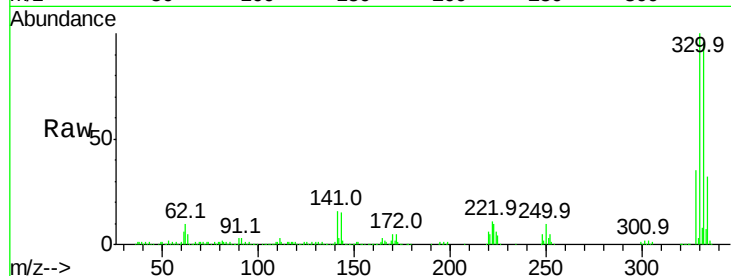




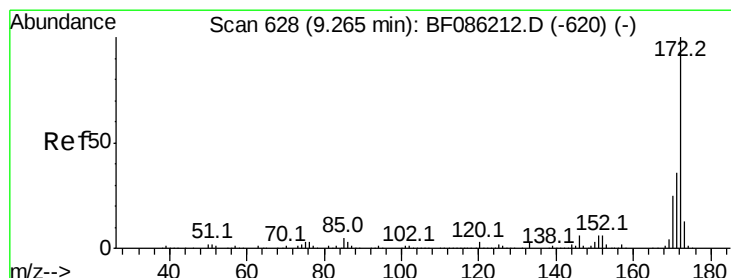
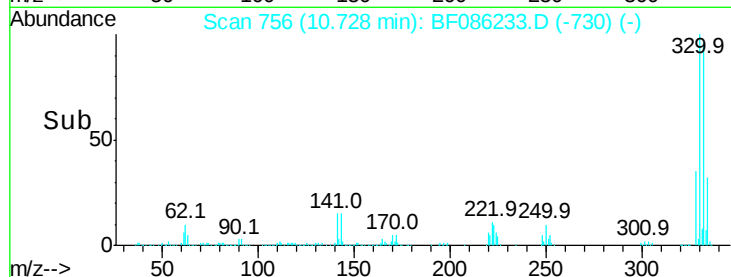
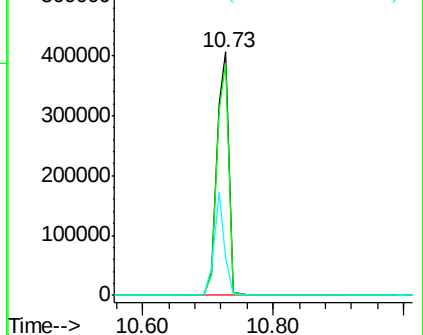
#41
 2,4,6-Tribromophenol
 Concen: 126.64 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF086233.D
 Acq: 15 Apr 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-4-7-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.7	118.1
141	36.6	28.6	42.8

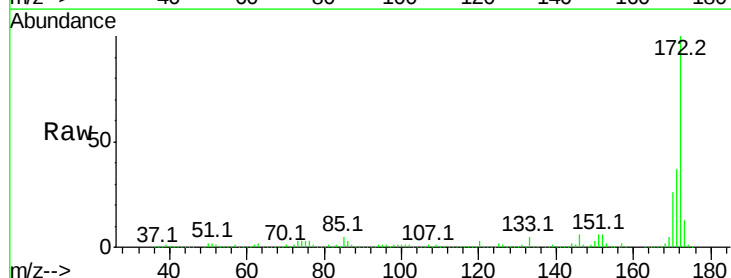


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

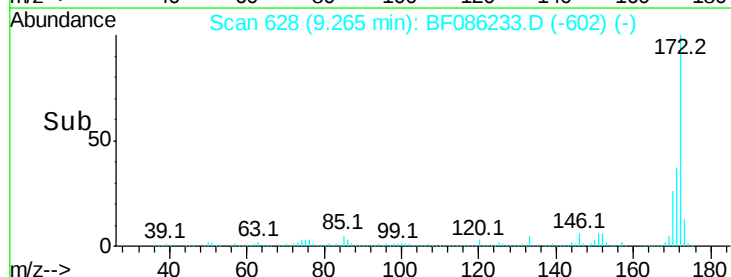
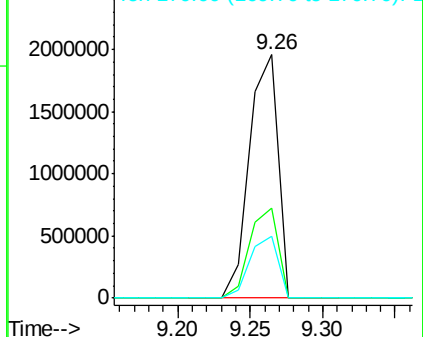


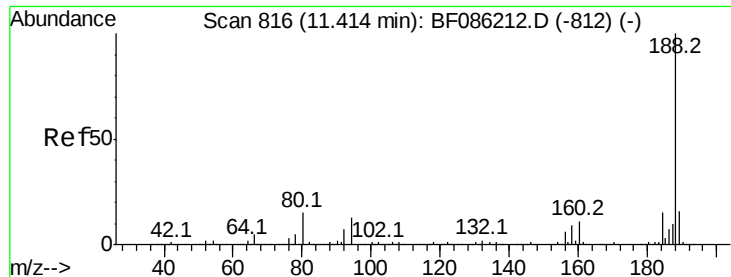
#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086233.D
 Acq: 15 Apr 2016 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	25.5	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

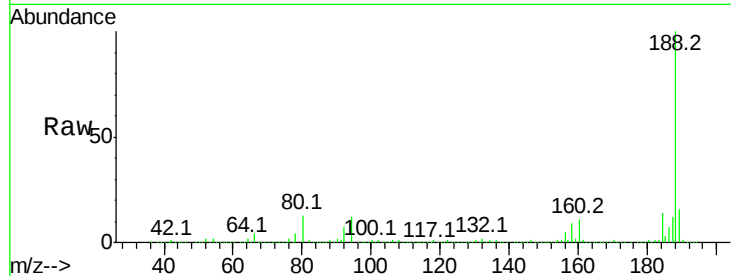




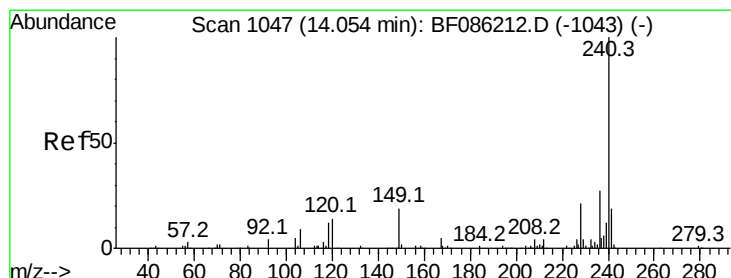
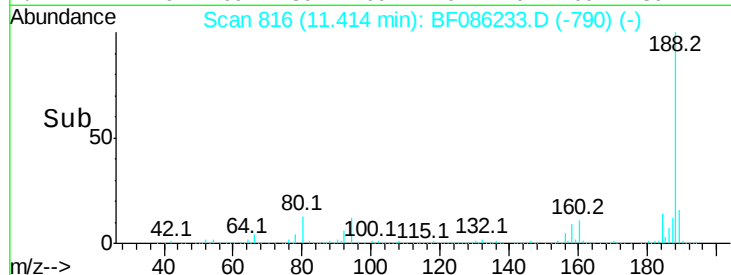
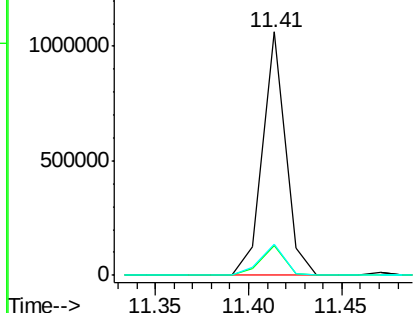
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Instrument :
BNA_F
ClientSampleId :
MW-1-4-7-16

Tot Ion:188 Resp: 899111
Ion Ratio Lower Upper
188 100
94 12.2 9.8 14.8
80 12.8 10.5 15.7

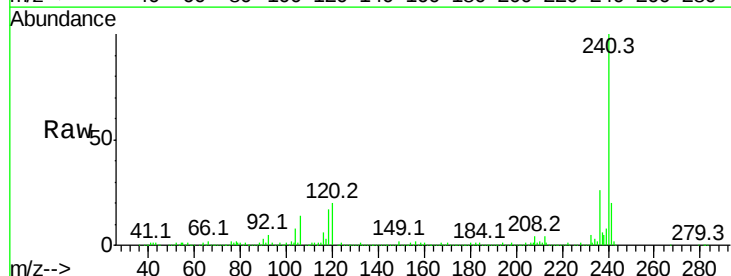


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

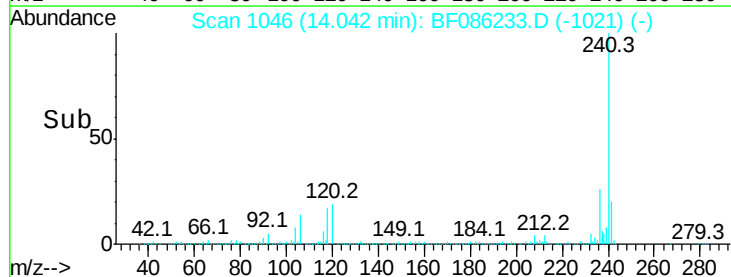
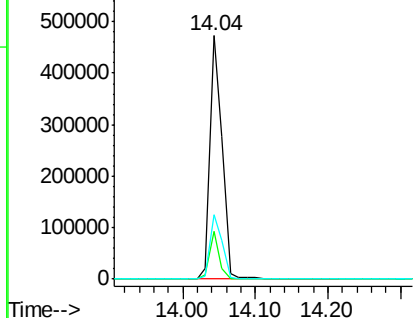


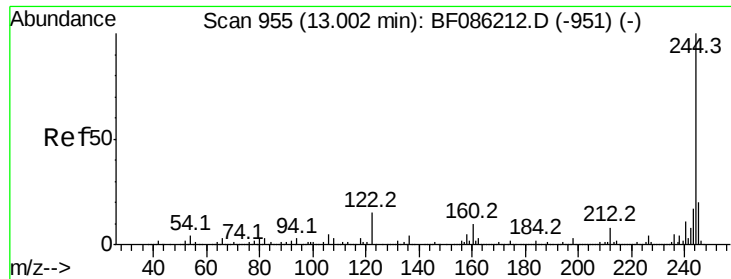
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086233.D
Acq: 15 Apr 2016 23:06

Tgt Ion:240 Resp: 549362
Ion Ratio Lower Upper
240 100
120 19.5 9.3 13.9#
236 26.5 21.1 31.7



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

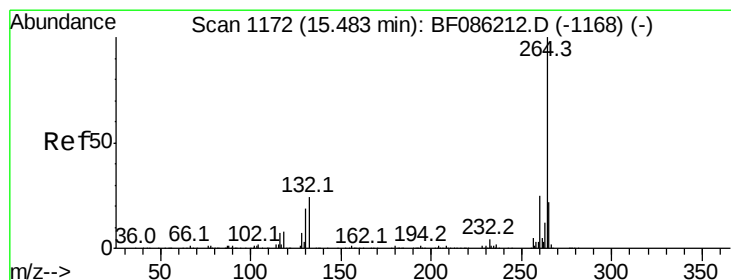
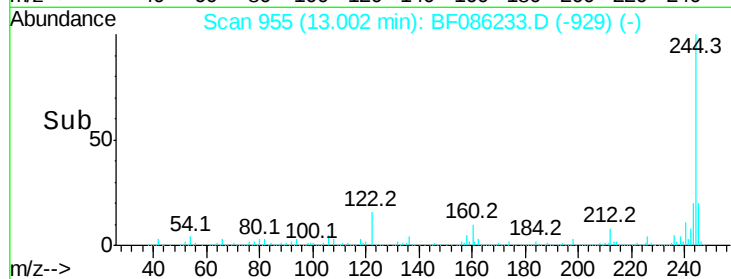
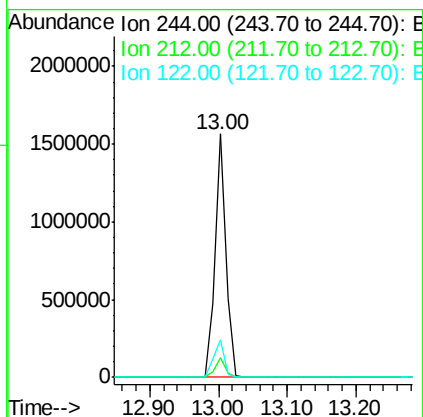
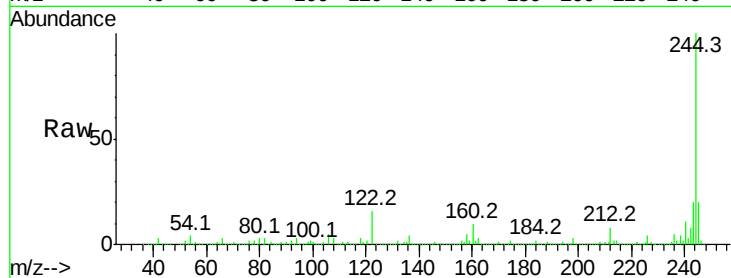




#78
 Terphenyl-d14
 Concen: 80.80 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086233.D
 Acq: 15 Apr 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-4-7-16

Tot Ion:244 Resp: 1765356
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.7 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF086233.D
 Acq: 15 Apr 2016 23:06

Tgt Ion:264 Resp: 468272
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 22.1 17.4 26.0

