

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076938.D
 Acq On : 19 Jan 2015 19:59
 Operator : IZ / TP
 Sample : G1110-02
 Misc : W
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEM-8

Quant Time: Jan 20 01:29:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	29450	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	124728	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	65119	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	110512	20.00	ng	0.00
75) Chrysene-d12	21.27	240	104874	20.00	ng	0.00
86) Perylene-d12	22.92	264	96979	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	85151	47.54	ng	0.01
7) Phenol-d6	7.37	99	57530	25.46	ng	0.00
23) Nitrobenzene-d5	9.27	82	198125	88.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	66773	126.32	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	394638	92.23	ng	0.00
78) Terphenyl-d14	20.00	244	367012	80.57	ng	0.00

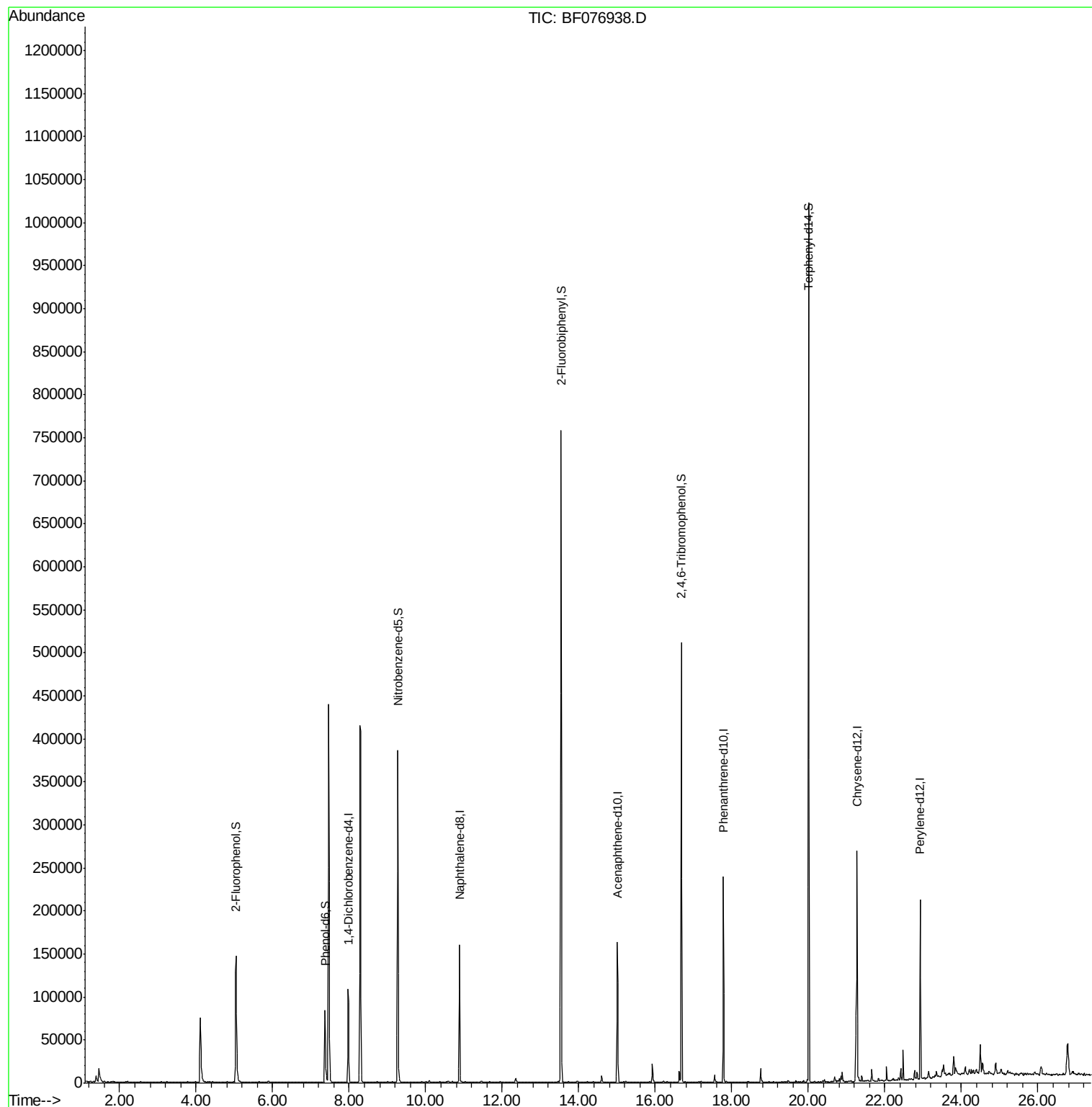
Target Compounds Qvalue

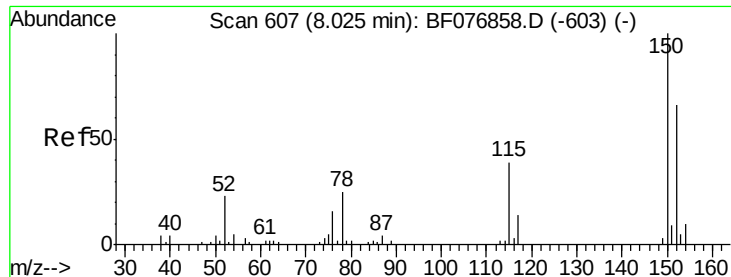
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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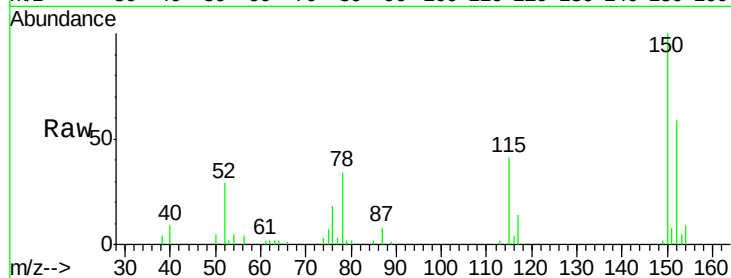


#1

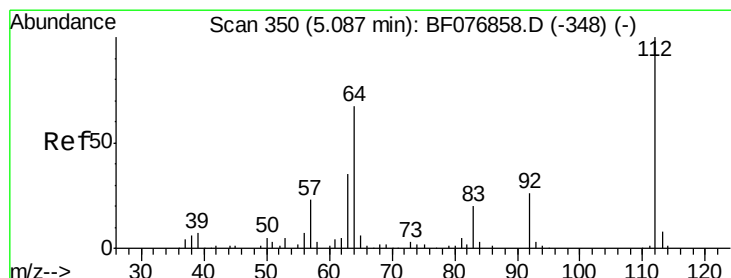
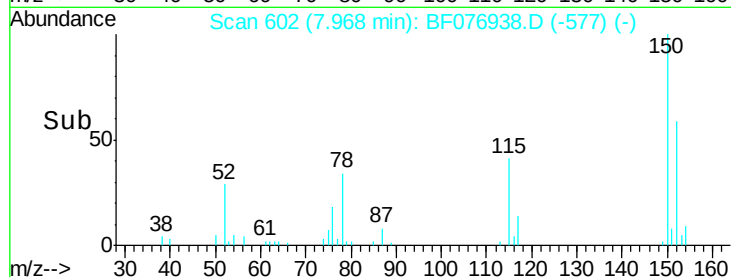
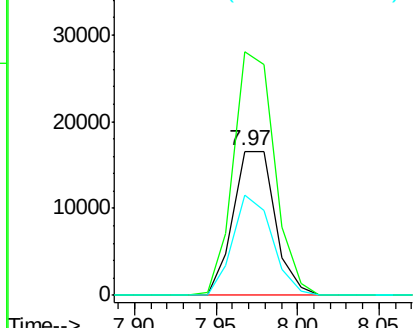
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076938.D
Acq: 19 Jan 2015 19:59

Instrument :
BNA_F
ClientSampleId :
BEM-8

Tot Ion:152 Resp: 29450
Ion Ratio Lower Upper
152 100
150 168.7 121.7 182.5
115 69.0 47.0 70.6



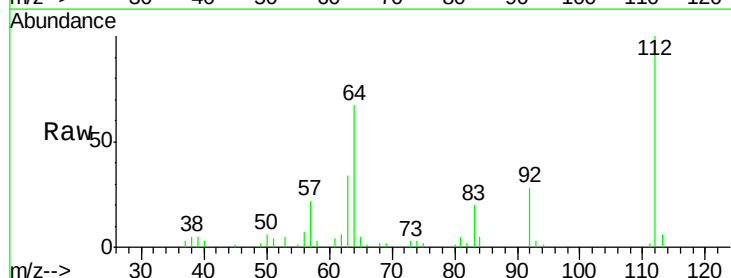
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



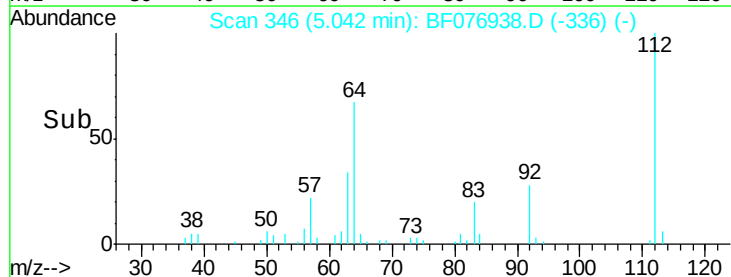
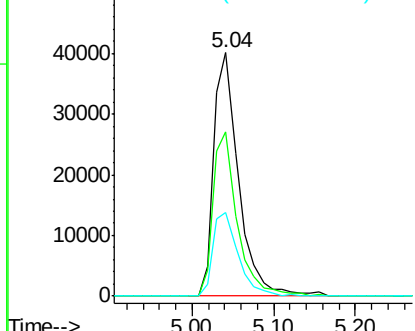
#5

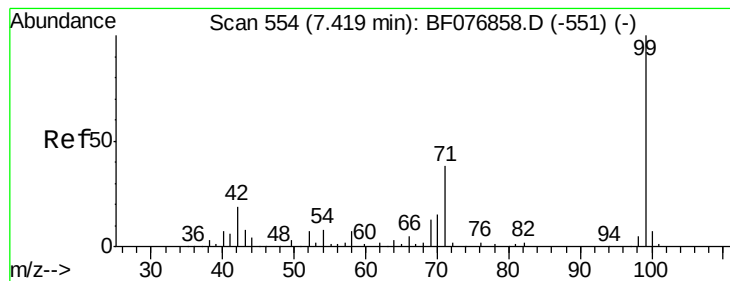
2-Fluorophenol
Concen: 47.54 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.01 min
Lab File: BF076938.D
Acq: 19 Jan 2015 19:59

Tgt Ion:112 Resp: 85151
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 34.3 28.4 42.6



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: 25.46 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076938.D

Acq: 19 Jan 2015 19:59

Instrument :

BNA_F

ClientSampleId :

BEM-8

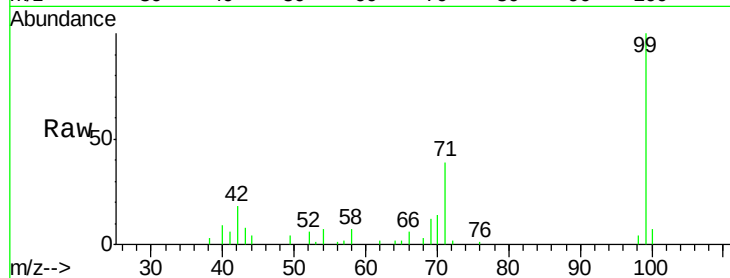
Tot Ion: 99 Resp: 57530

Ion Ratio Lower Upper

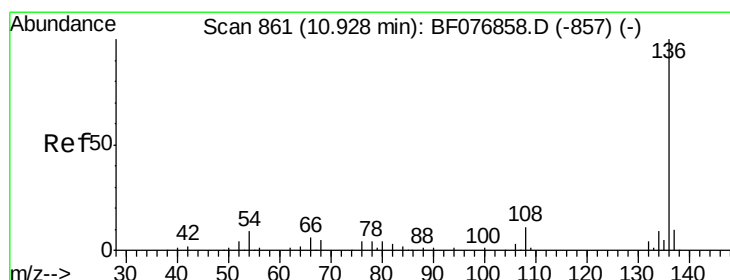
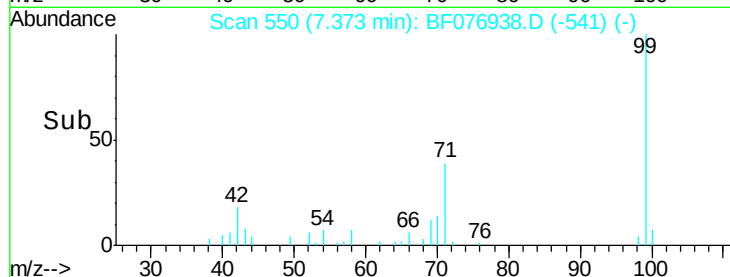
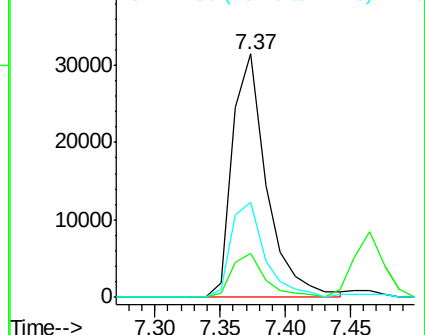
99 100

42 18.2 15.0 22.4

71 38.8 30.5 45.7



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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076938.D

Acq: 19 Jan 2015 19:59

Tgt Ion: 136 Resp: 124728

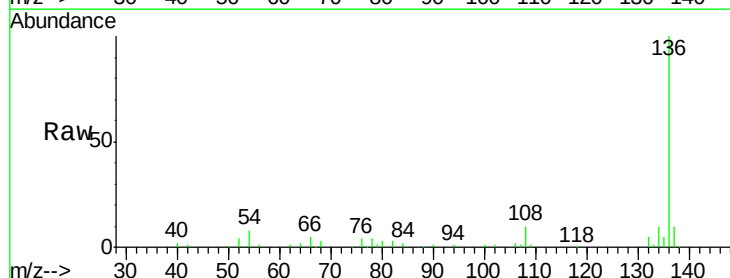
Ion Ratio Lower Upper

136 100

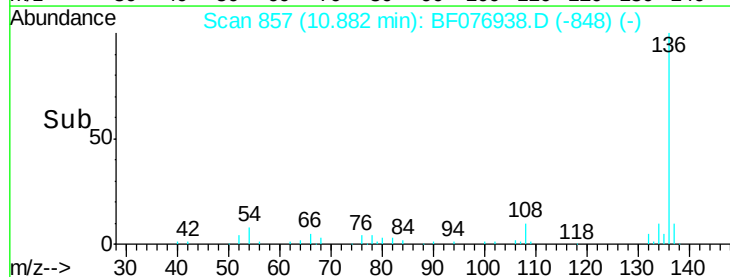
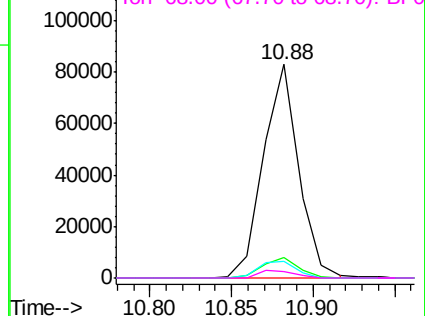
137 9.8 8.1 12.1

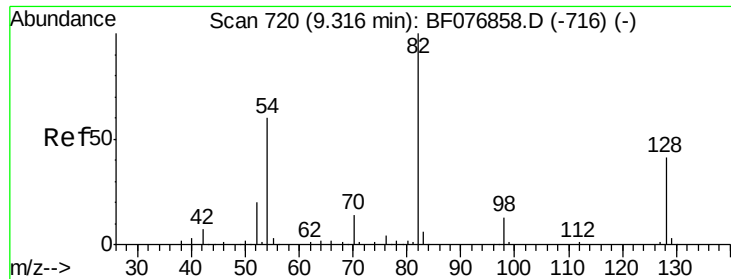
54 7.8 7.0 10.4

68 3.3 3.7 5.5#



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

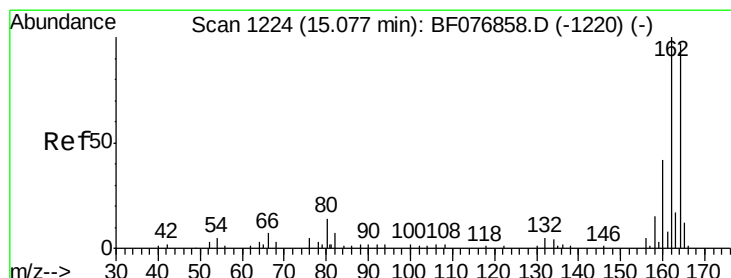
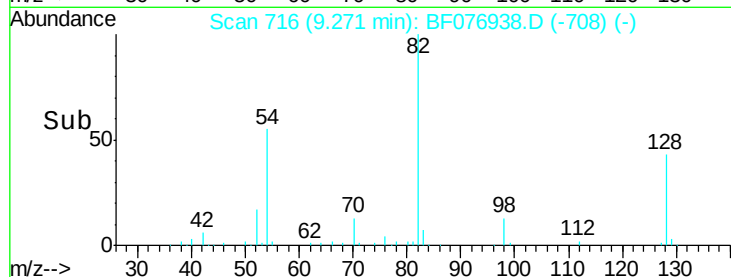
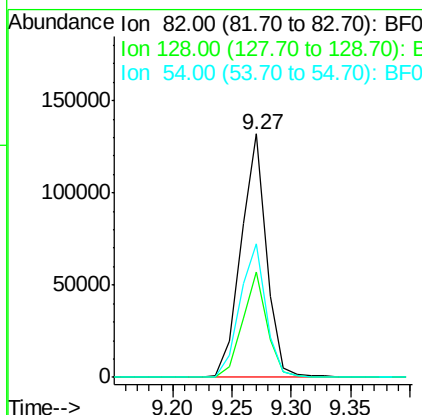
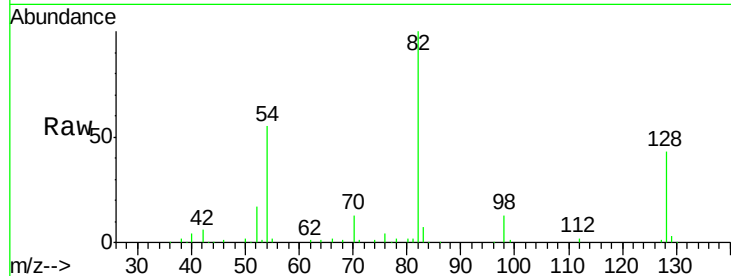




#23
 Nitrobenzene-d5
 Concen: 88.00 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

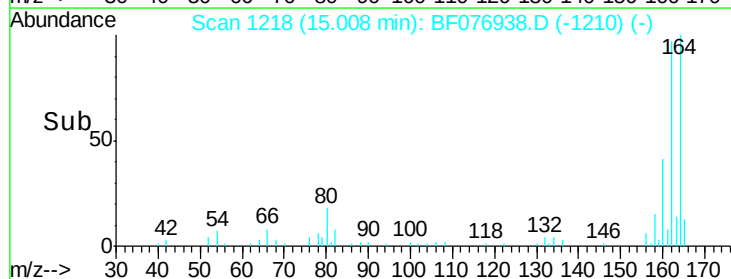
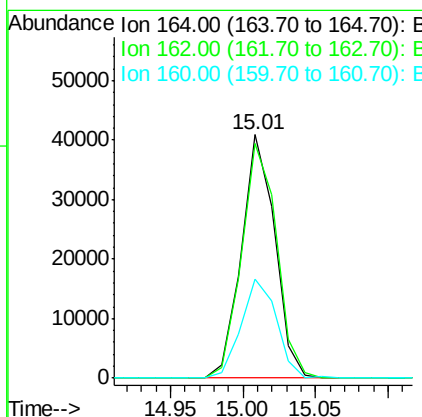
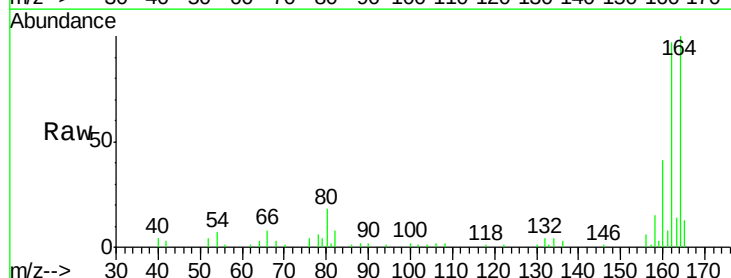
Instrument :
 BNA_F
 ClientSampleId :
 BEM-8

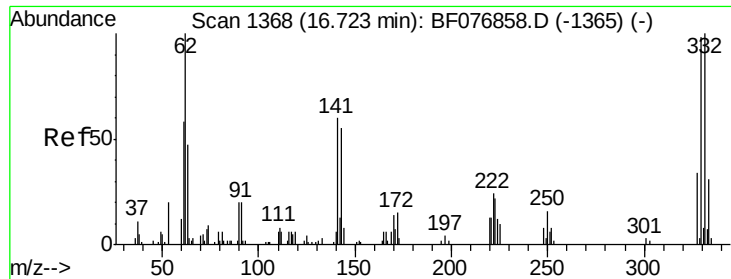
Tot Ion	82	Resp	198125
Ion Ratio	Lower	Upper	
82	100		
128	43.3	33.1	49.7
54	55.0	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

Tgt Ion	164	Resp	65119
Ion Ratio	Lower	Upper	
164	100		
162	96.6	82.4	123.6
160	40.6	34.8	52.2

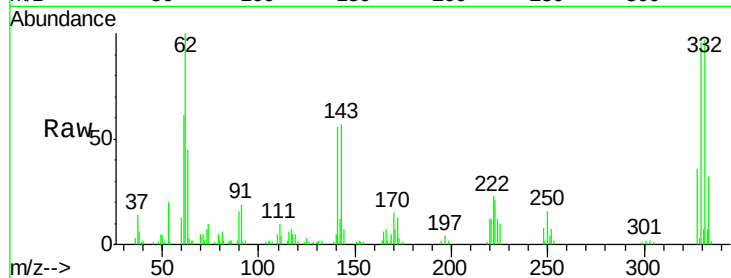




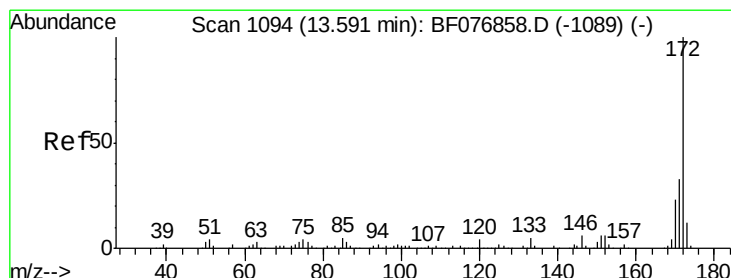
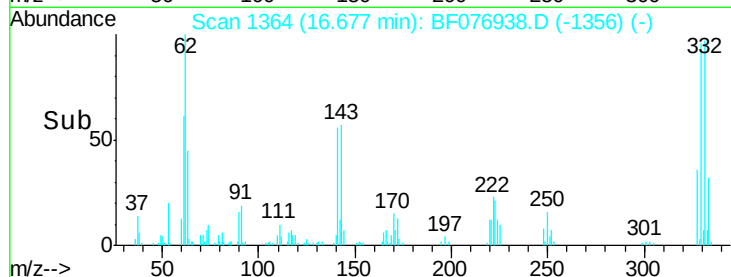
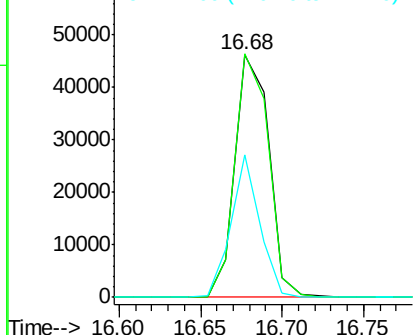
#41
 2,4,6-Tribromophenol
 Concen: 126.32 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 BEM-8

Tot Ion:330 Resp: 66773
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 49.1 38.5 57.7

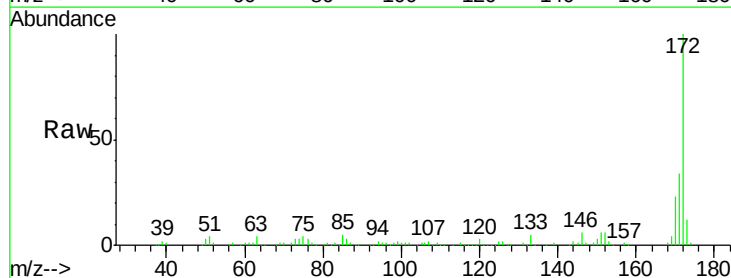


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

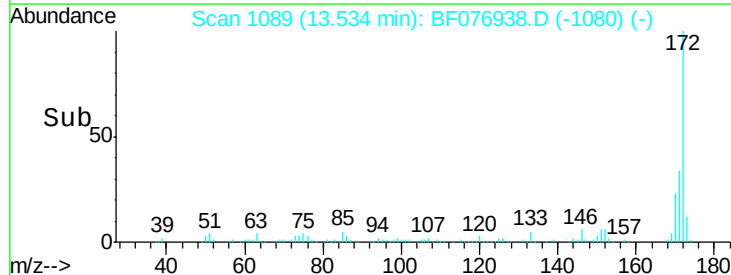
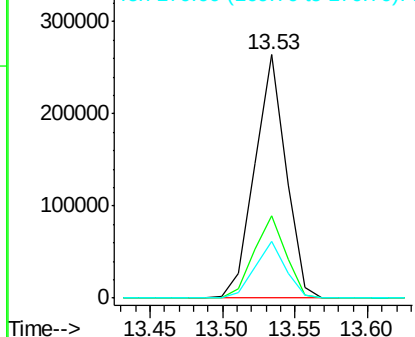


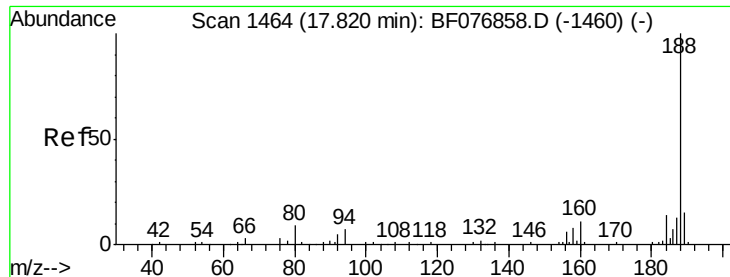
#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

Tgt Ion:172 Resp: 394638
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.6 40.0
 170 23.3 18.0 27.0



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

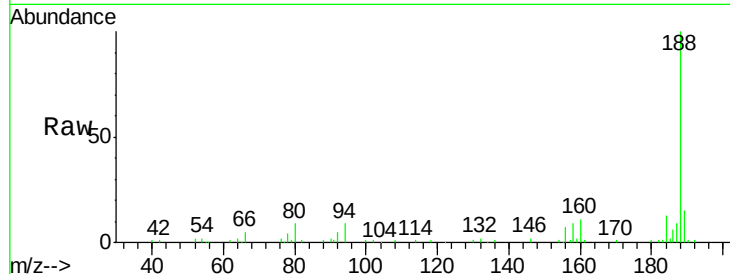




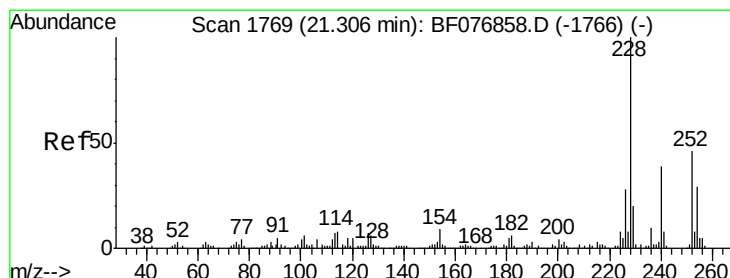
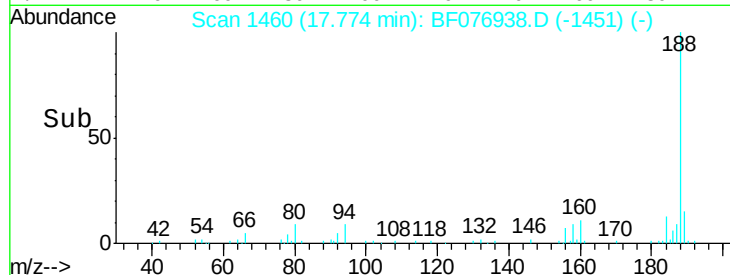
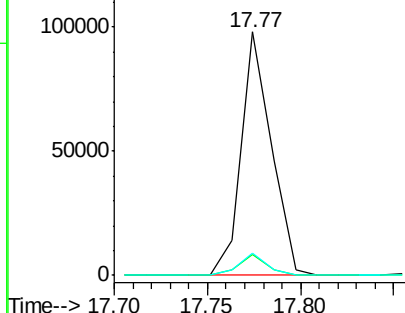
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076938.D
Acq: 19 Jan 2015 19:59

Instrument :
BNA_F
ClientSampled :
BEM-8

Tot Ion:188 Resp: 110512
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.0 6.9 10.3

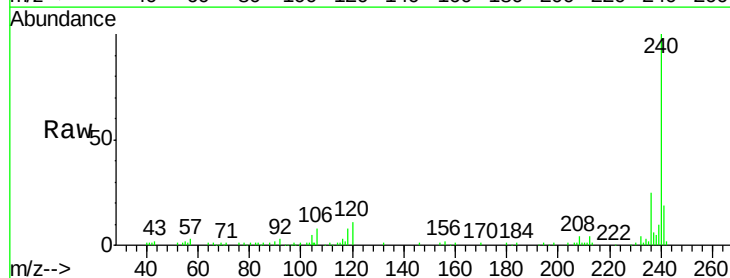


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

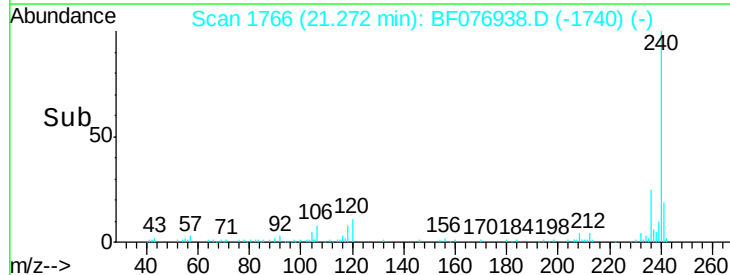
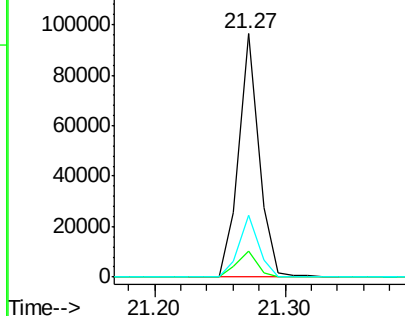


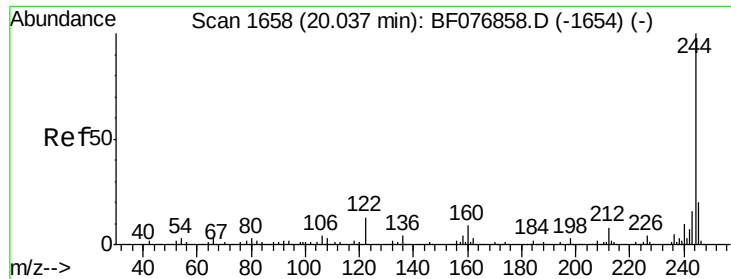
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076938.D
Acq: 19 Jan 2015 19:59

Tgt Ion:240 Resp: 104874
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 25.3 20.2 30.2



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

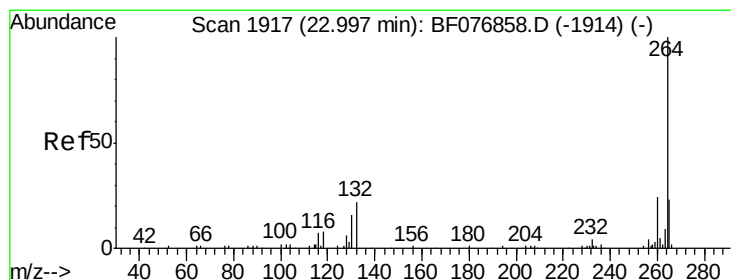
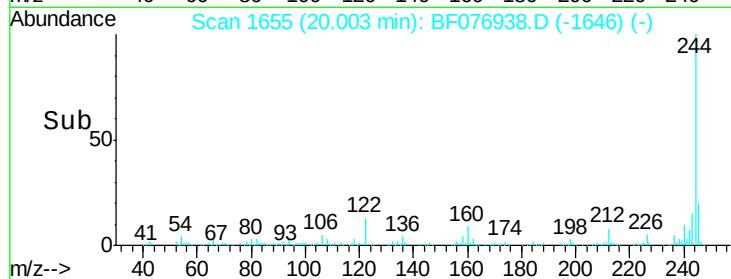
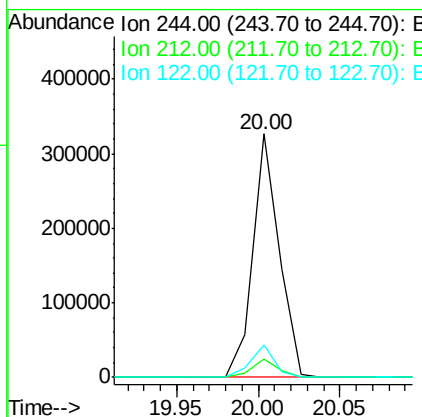
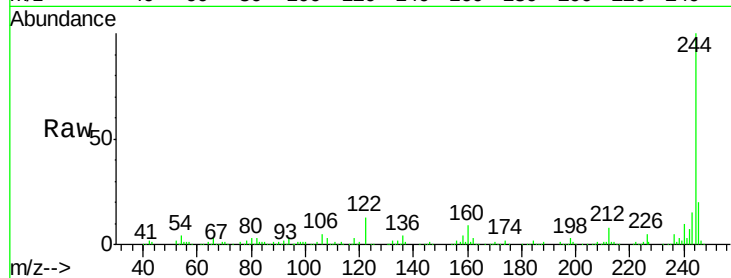




#78
 Terphenyl-d14
 Concen: 80.57 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 BEM-8

Tot Ion:244 Resp: 367012
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 13.3 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.92 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF076938.D
 Acq: 19 Jan 2015 19:59

Tgt Ion:264 Resp: 96979
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 22.6 18.1 27.1

