

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077550.D
 Acq On : 3 Mar 2015 17:22
 Operator : TP/IZ
 Sample : G1401-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-2-27-15

Quant Time: Mar 04 01:54:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

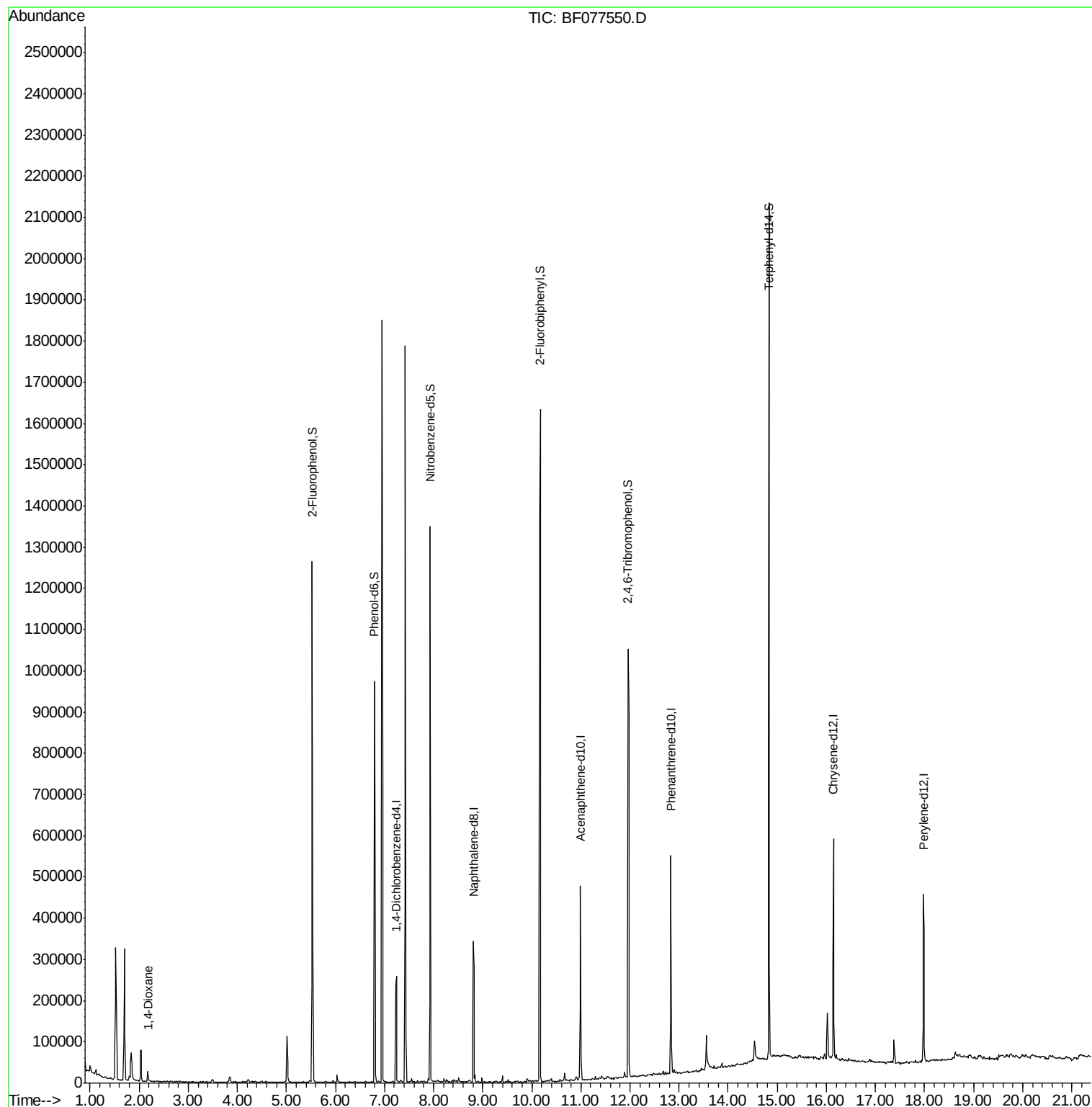
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	57587	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	215023	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	101239	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	201259	20.00	ng	0.00
75) Chrysene-d12	16.15	240	218156	20.00	ng	0.00
86) Perylene-d12	17.98	264	218882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	375539	108.87	ng	0.00
7) Phenol-d6	6.80	99	317641	71.62	ng	0.00
23) Nitrobenzene-d5	7.93	82	403036	116.56	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	176684	181.25	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	742574	114.37	ng	0.00
78) Terphenyl-d14	14.83	244	749800	80.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.18	88	13896	9.49	ng	Qvalue # 81

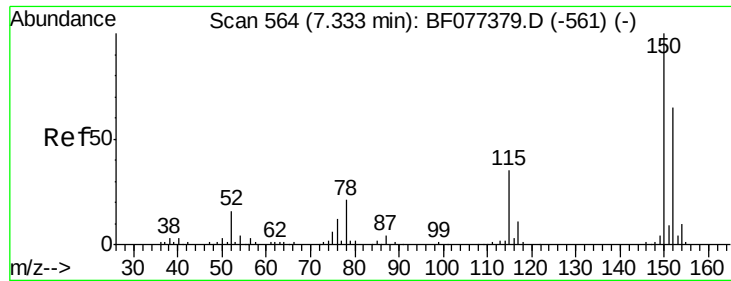
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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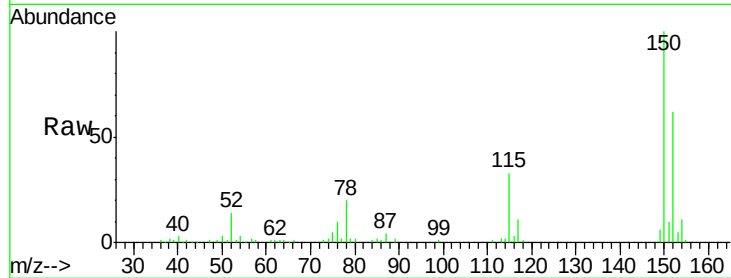




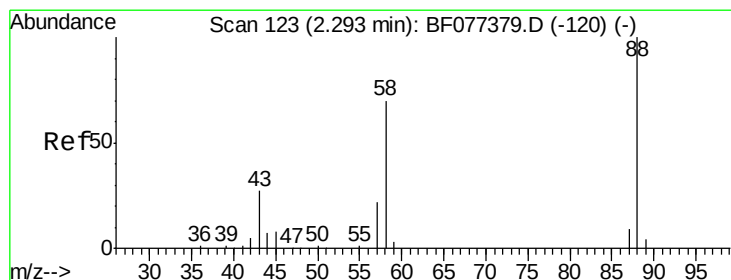
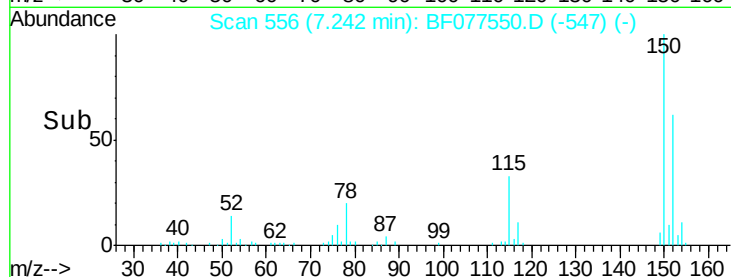
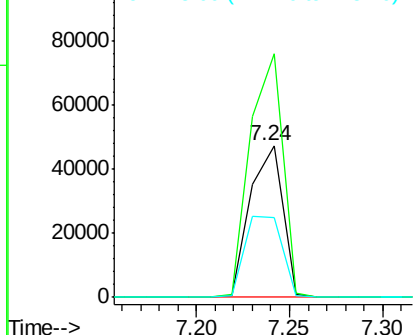
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-2-27-15

Tgt Ion:152 Resp: 57587
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.0 186.0
 115 52.6 49.4 74.2

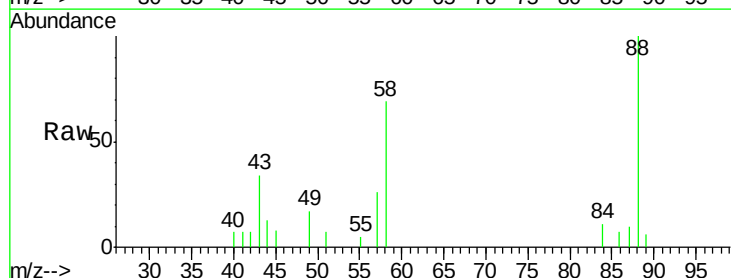


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

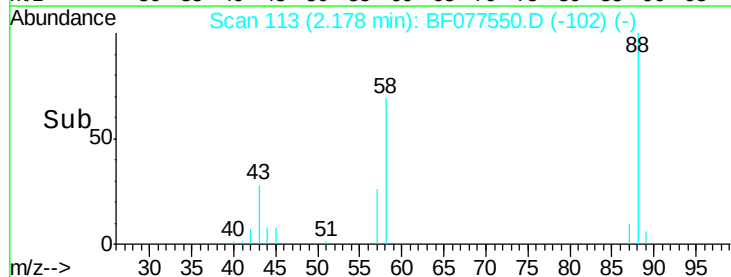
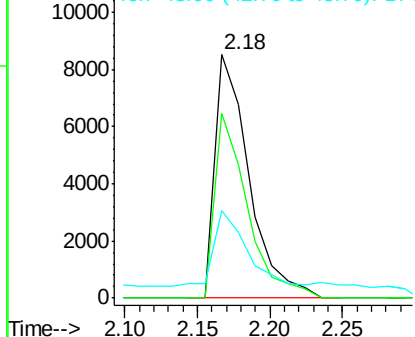


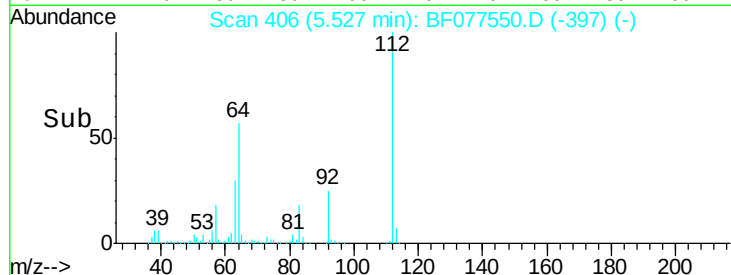
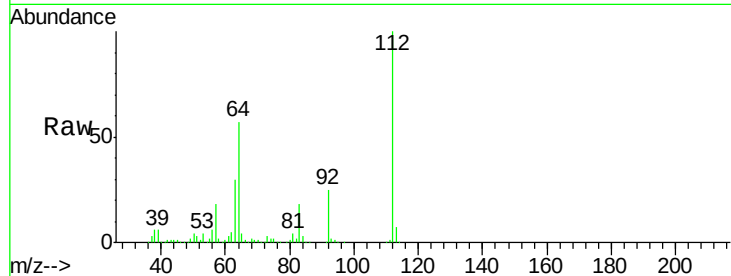
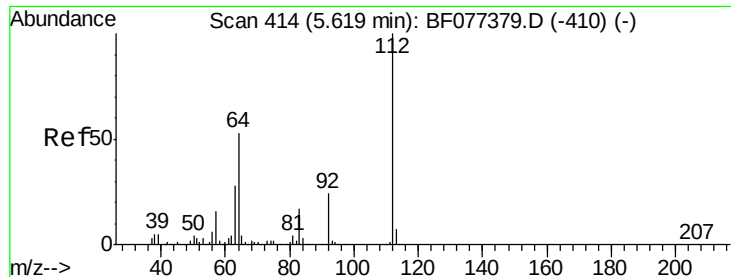
#2
 1,4-Dioxane
 Concen: 9.49 ng
 RT: 2.18 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

Tgt Ion: 88 Resp: 13896
 Ion Ratio Lower Upper
 88 100
 58 72.5 62.1 93.1
 43 58.6 24.0 36.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

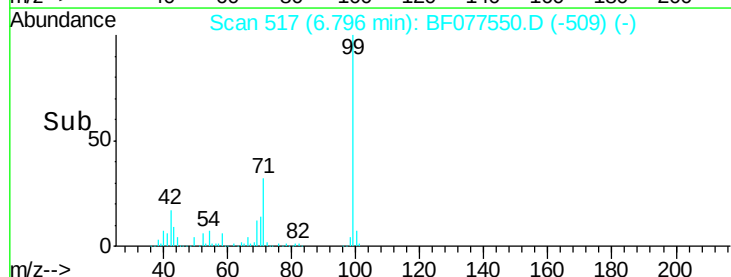
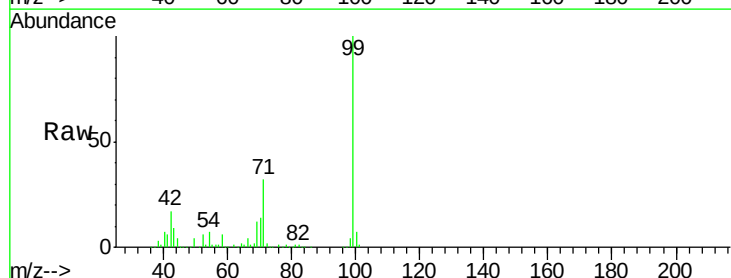
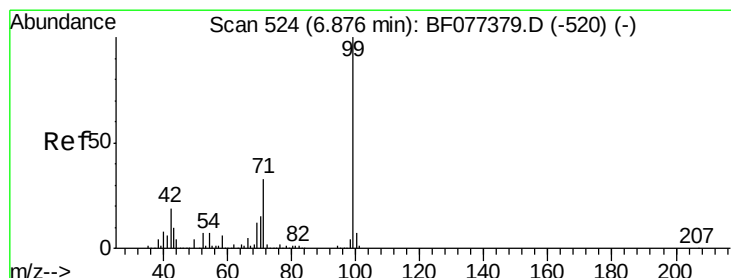
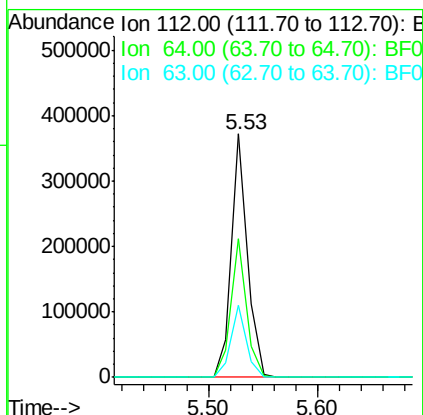




#5
2-Fluorophenol
Concen: 108.87 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077550.D
Acq: 3 Mar 2015 17:22

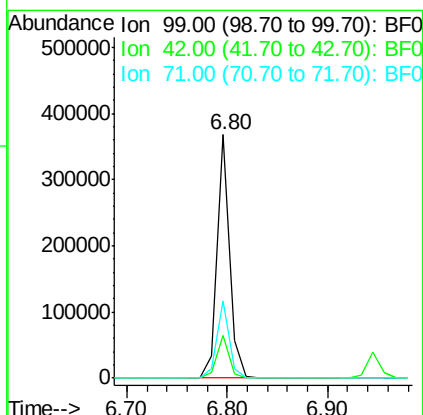
Instrument :
BNA_F
ClientSampleId :
MW-02-2-27-15

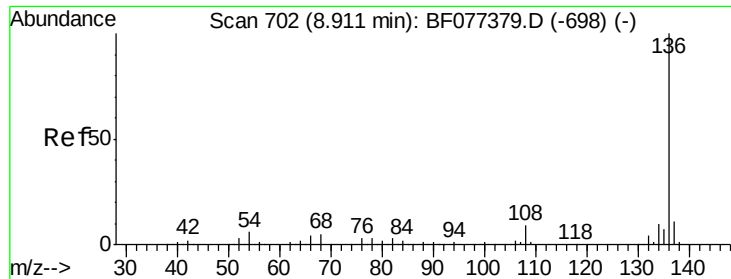
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.5	72.7
63	29.8	25.0	37.4



#7
Phenol-d6
Concen: 71.62 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF077550.D
Acq: 3 Mar 2015 17:22

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.2	24.4
71	31.9	26.7	40.1

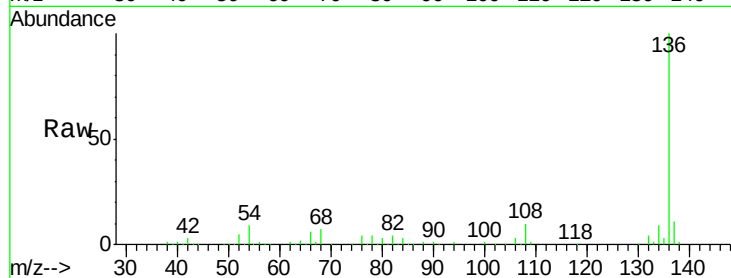




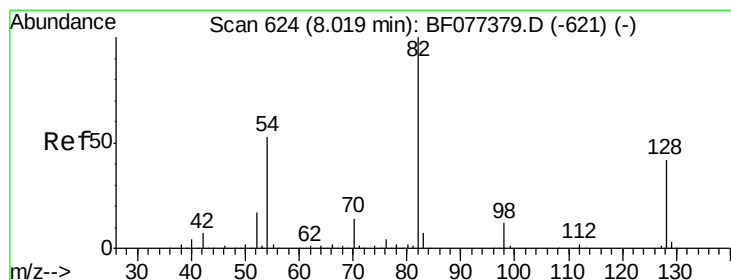
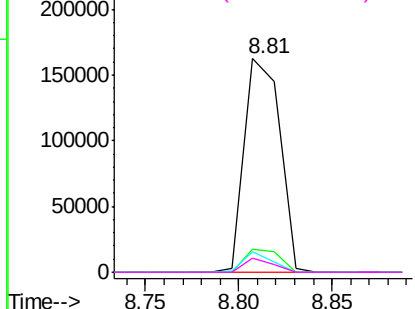
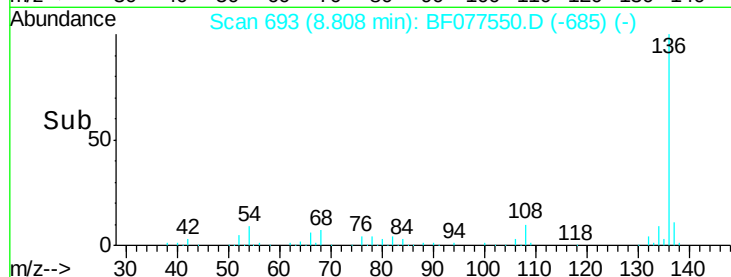
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077550.D
Acq: 3 Mar 2015 17:22

Instrument :
BNA_F
ClientSampleId :
MW-02-2-27-15

Tgt Ion:	136	Resp:	215023
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.4	6.2	9.4#
68	6.6	5.0	7.6

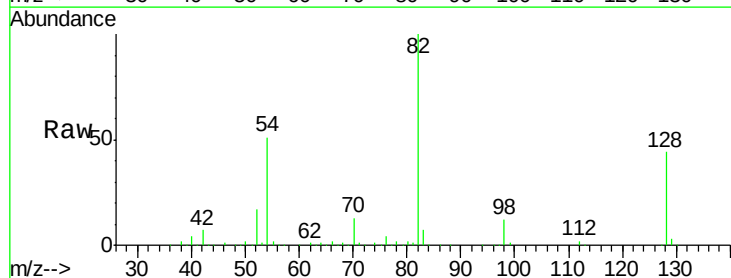


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

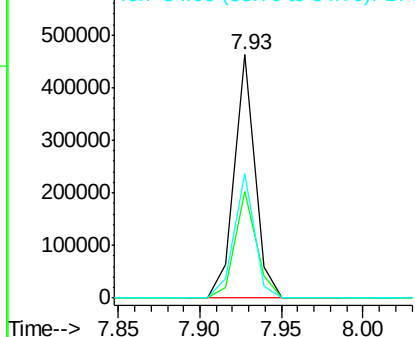
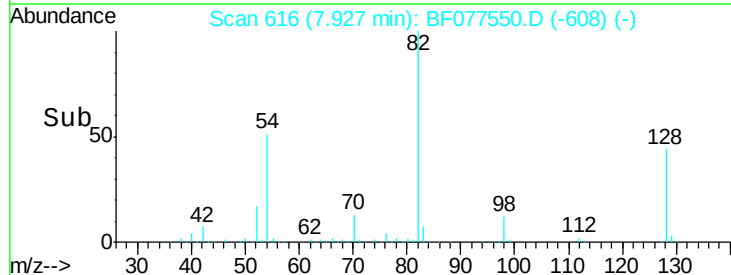


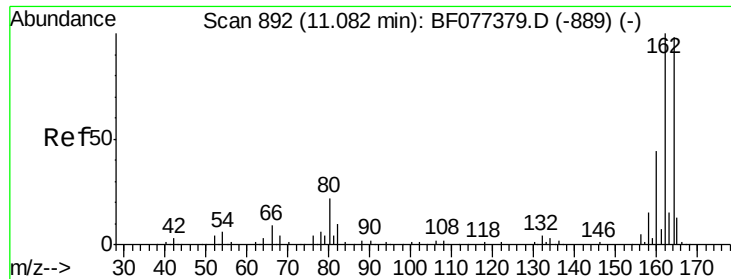
#23
Nitrobenzene-d5
Concen: 116.56 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077550.D
Acq: 3 Mar 2015 17:22

Tgt Ion:	82	Resp:	403036
Ion	Ratio	Lower	Upper
82	100		
128	44.1	43.8	65.8
54	51.1	36.7	55.1



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

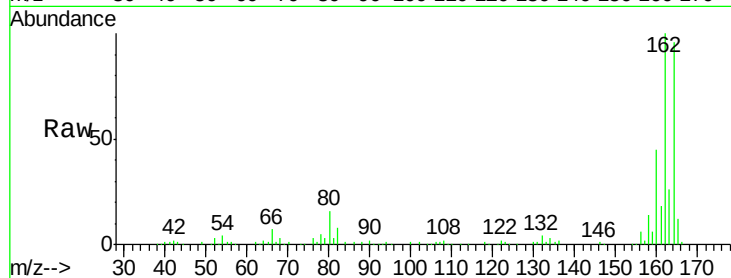




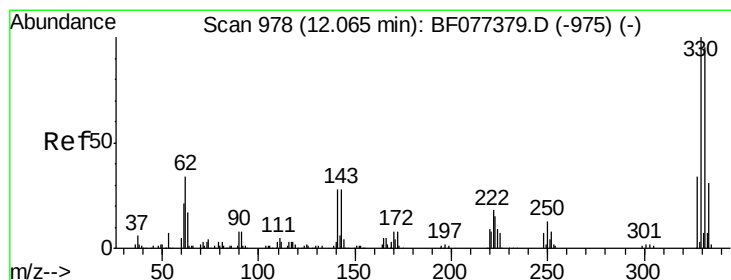
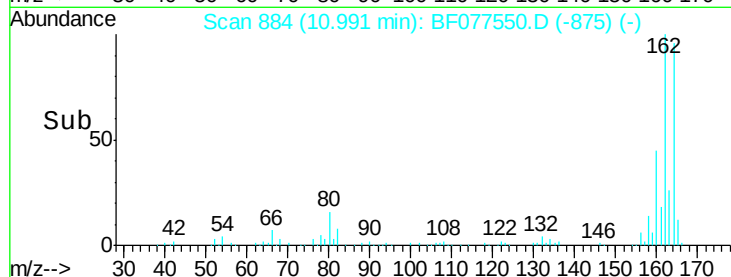
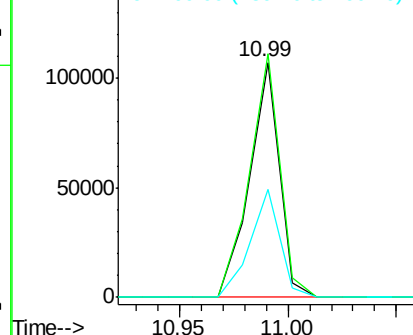
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-2-27-15

Tgt Ion:164 Resp: 101239
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.2 124.8
 160 46.2 34.6 52.0

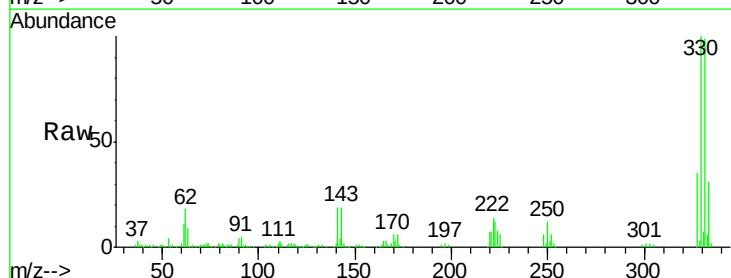


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

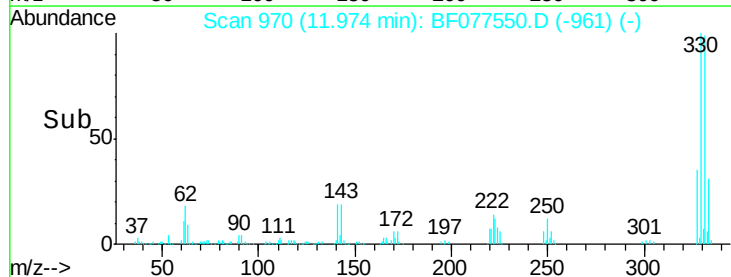
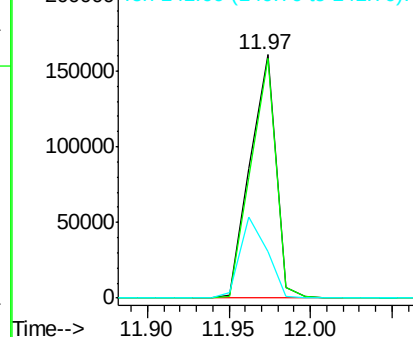


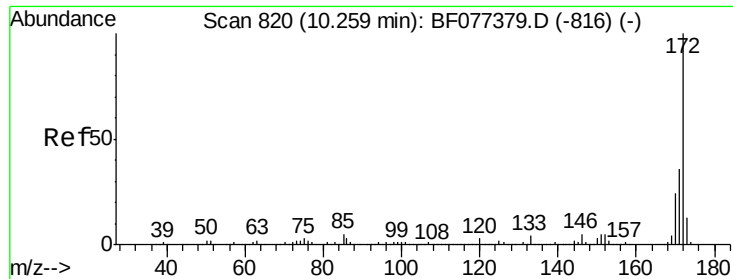
#41
 2,4,6-Tribromophenol
 Concen: 181.25 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

Tgt Ion:330 Resp: 176684
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 34.5 28.8 43.2



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

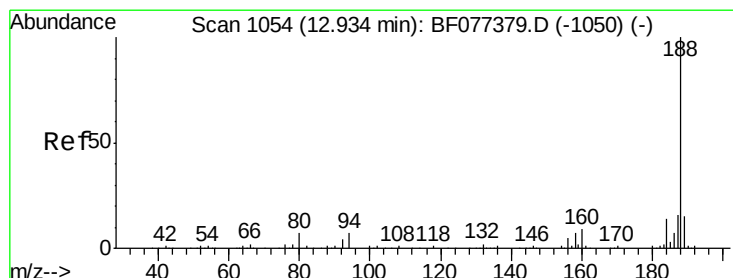
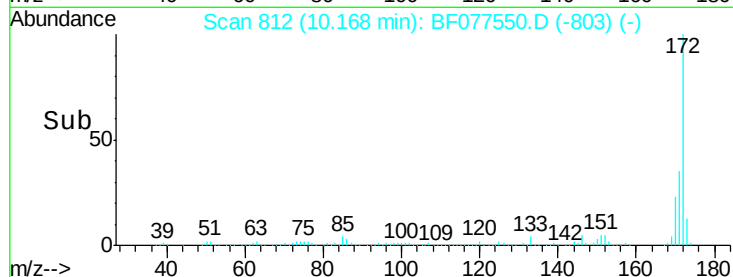
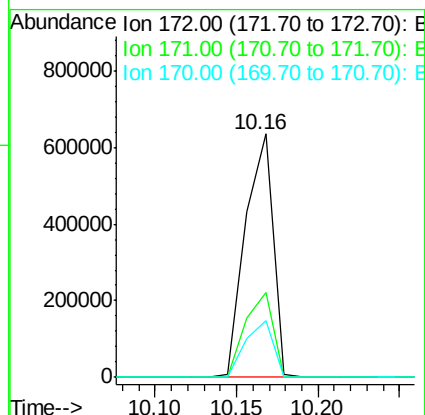
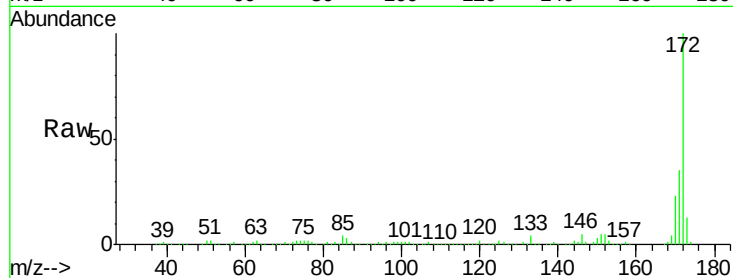




#44
 2-Fluorobiphenyl
 Concen: 114.37 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

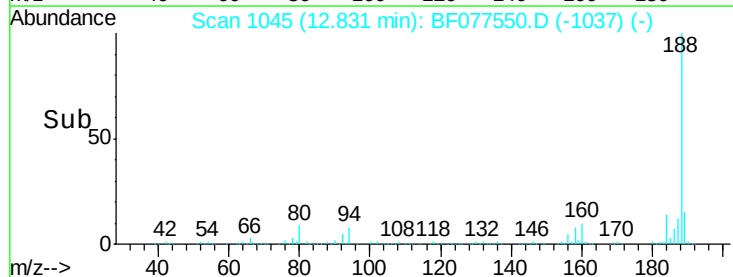
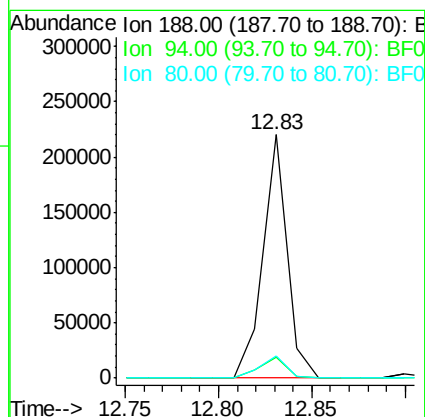
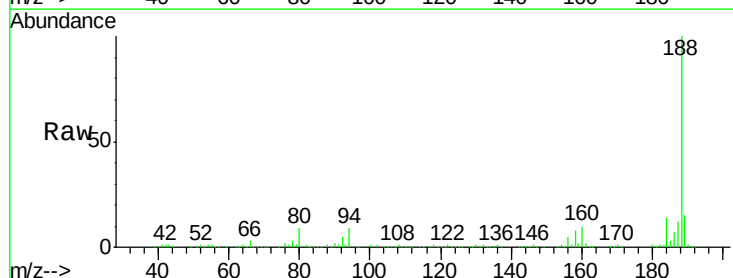
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 BNA_F
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 MW-02-2-27-15

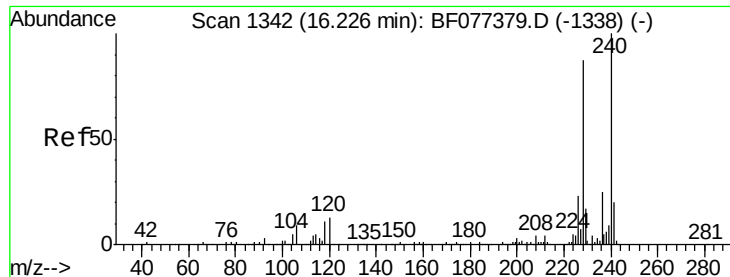
Tgt Ion:172 Resp: 742574
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.3 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF077550.D
 Acq: 3 Mar 2015 17:22

Tgt Ion:188 Resp: 201259
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.4 11.2
 80 9.2 8.0 12.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF077550.D

Acq: 3 Mar 2015 17:22

Instrument :

BNA_F

ClientSampleId :

MW-02-2-27-15

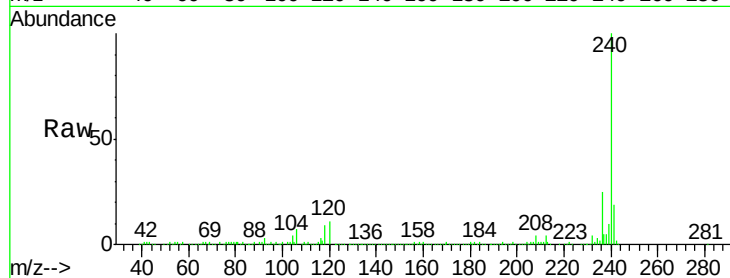
Tgt Ion:240 Resp: 218156

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

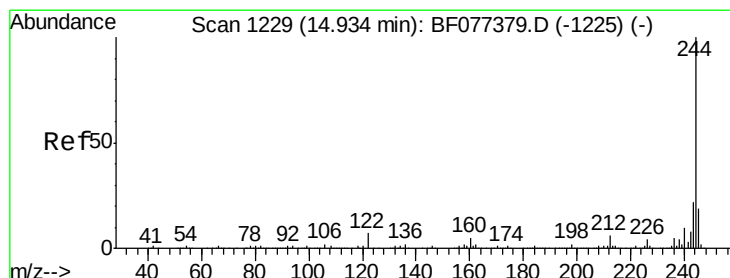
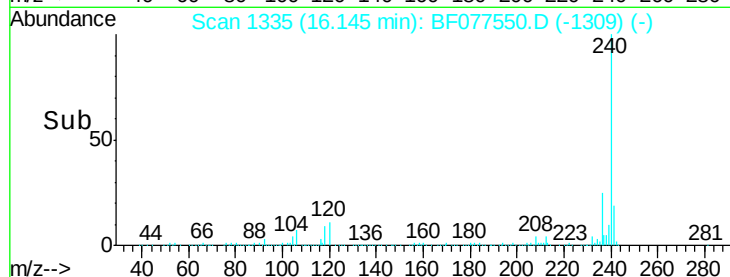
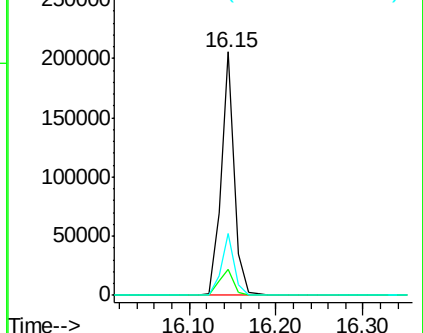
236 25.4 20.7 31.1



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: 80.35 ng

RT: 14.83 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF077550.D

Acq: 3 Mar 2015 17:22

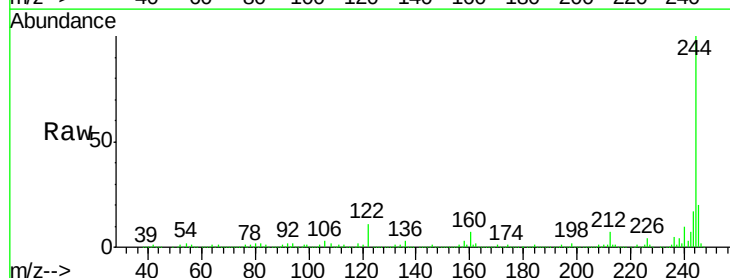
Tgt Ion:244 Resp: 749800

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

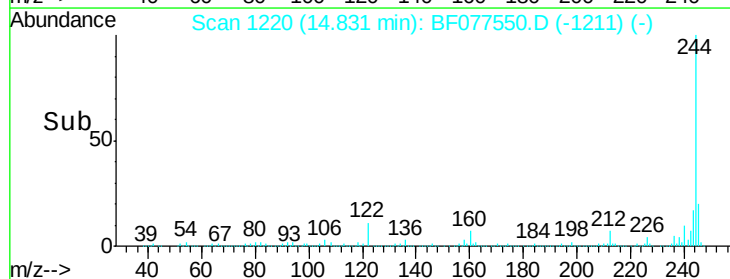
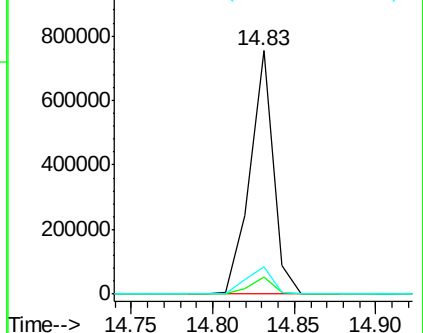
122 11.0 7.8 11.8

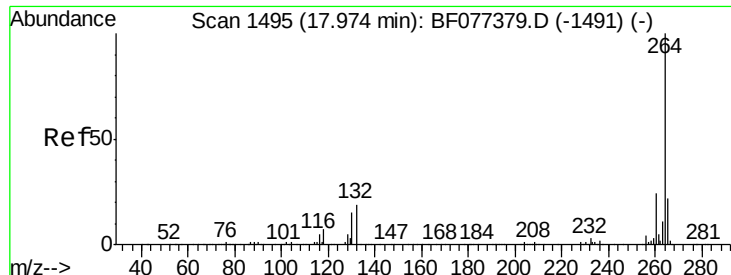


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.98 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF077550.D
Acq: 3 Mar 2015 17:22

Instrument :
BNA_F
ClientSampleId :
MW-02-2-27-15

Tgt Ion:	264	Resp:	218882
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	20.2	16.8	25.2

