

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077588.D
 Acq On : 4 Mar 2015 18:13
 Operator : TP/IZ
 Sample : G1412-15
 Misc : W/TCLP
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC030215

Quant Time: Mar 04 22:41:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

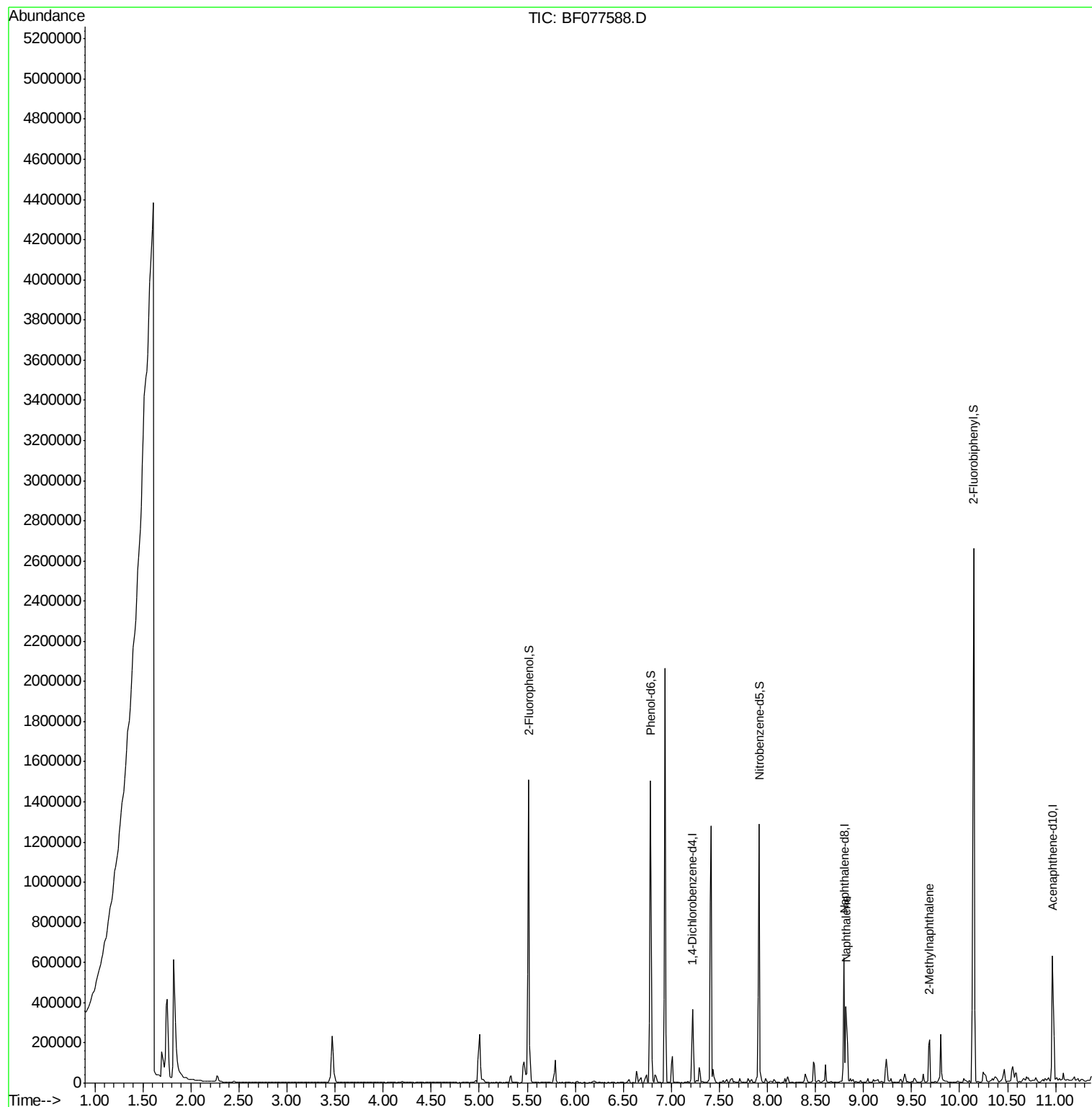
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	62027	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	254618	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	123725	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	241450	20.00	ng	0.00
75) Chrysene-d12	16.10	240	251788	20.00	ng	-0.01
86) Perylene-d12	17.83	264	245479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	460782	124.02	ng	0.00
7) Phenol-d6	6.78	99	490160	102.61	ng	0.00
23) Nitrobenzene-d5	7.91	82	408520	99.77	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	173198	145.38	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	796923	100.43	ng	0.00
78) Terphenyl-d14	14.81	244	956555	88.81	ng	0.00
Target Compounds						
31) Naphthalene	8.82	128	199647	15.68	ng	99
37) 2-Methylnaphthalene	9.68	142	85279	9.43	ng	99

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

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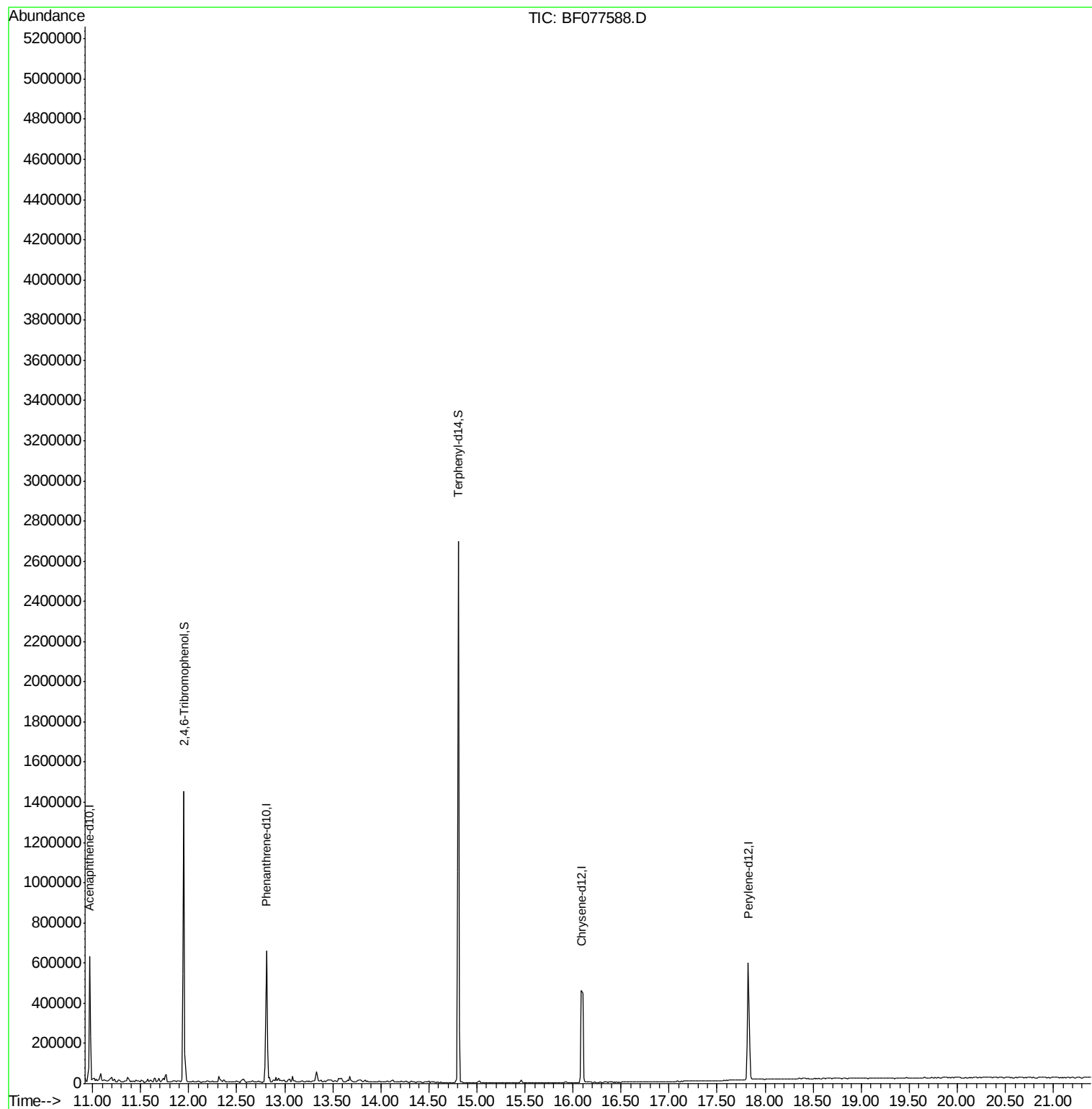
Quant Time: Mar 04 22:41:16 2015
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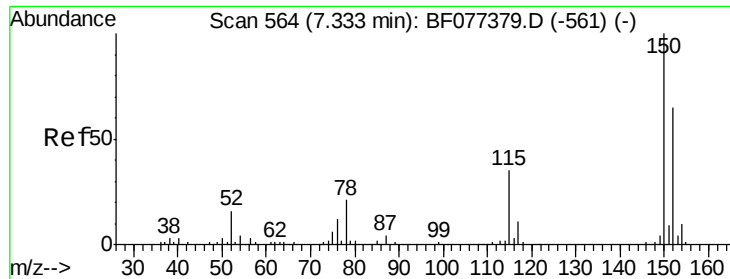


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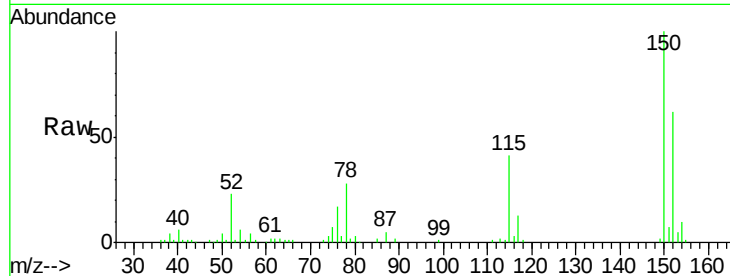




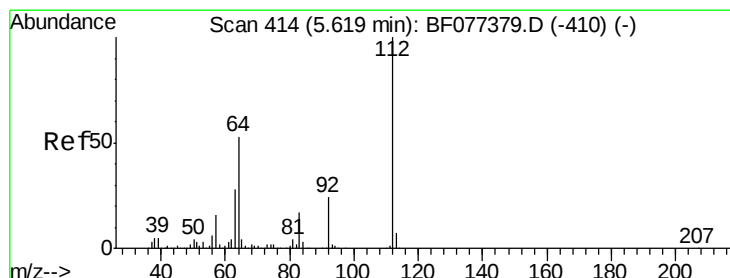
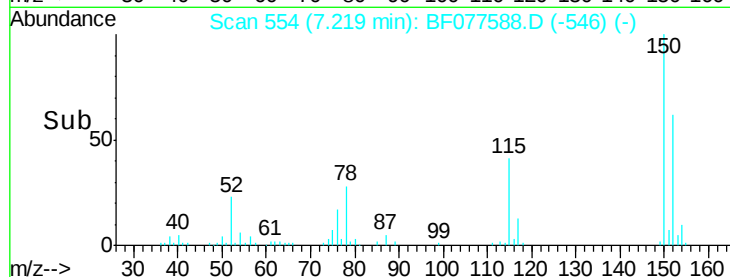
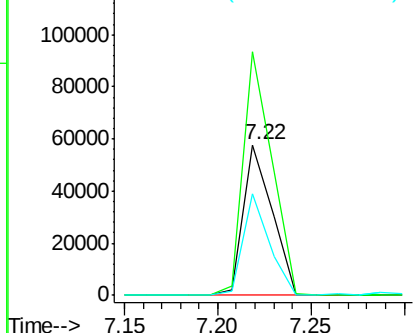
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Instrument :
 BNA_F
 ClientSampleId :
 WC030215

Tgt Ion:152 Resp: 62027
 Ion Ratio Lower Upper
 152 100
 150 161.6 124.0 186.0
 115 67.0 49.4 74.2

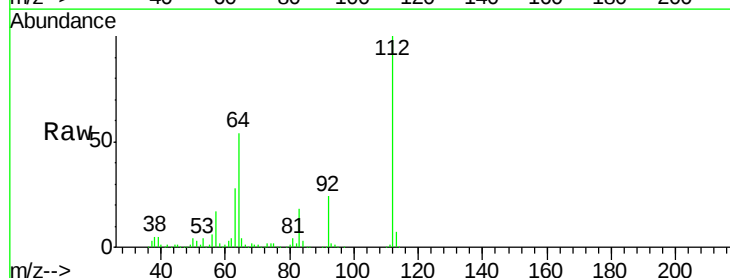


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

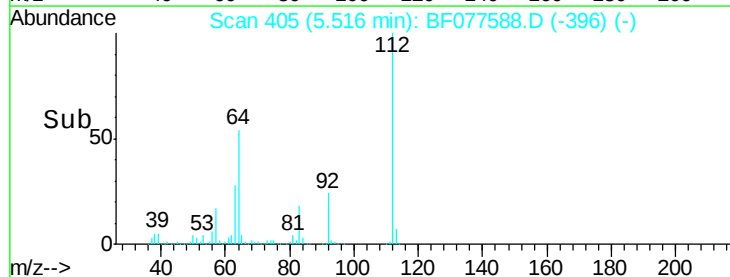
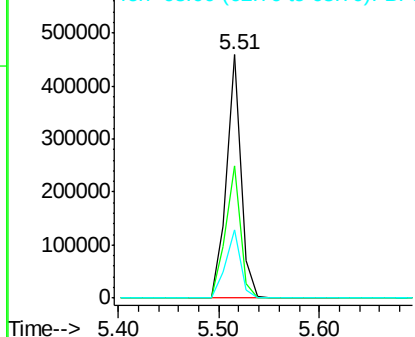


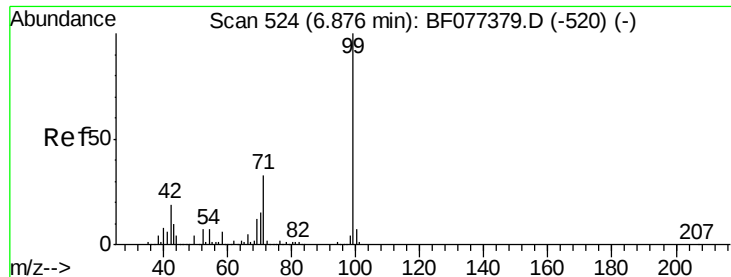
#5
 2-Fluorophenol
 Concen: 124.02 ng
 RT: 5.51 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Tgt Ion:112 Resp: 460782
 Ion Ratio Lower Upper
 112 100
 64 54.5 48.5 72.7
 63 28.3 25.0 37.4



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: 102.61 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077588.D

Acq: 4 Mar 2015 18:13

Instrument :

BNA_F

ClientSampleId :

WC030215

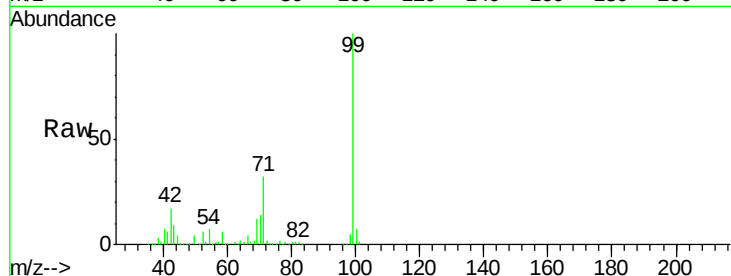
Tgt Ion: 99 Resp: 490160

Ion Ratio Lower Upper

99 100

42 17.5 16.2 24.4

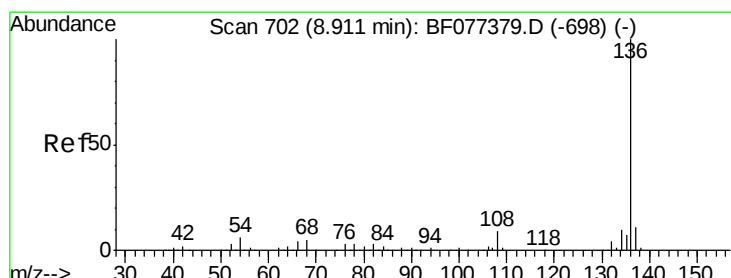
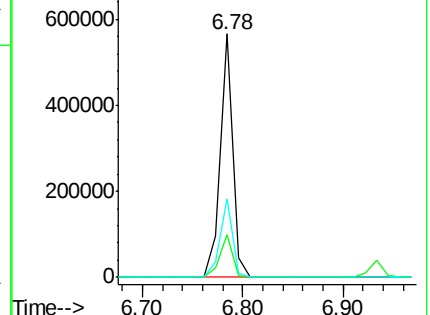
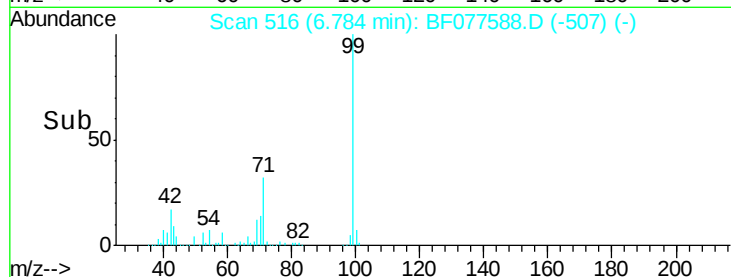
71 32.0 26.7 40.1



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: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077588.D

Acq: 4 Mar 2015 18:13

Tgt Ion: 136 Resp: 254618

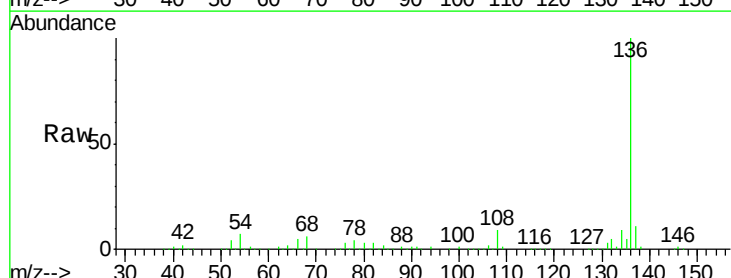
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.4 6.2 9.4

68 5.9 5.0 7.6

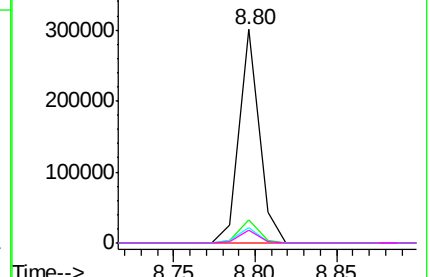
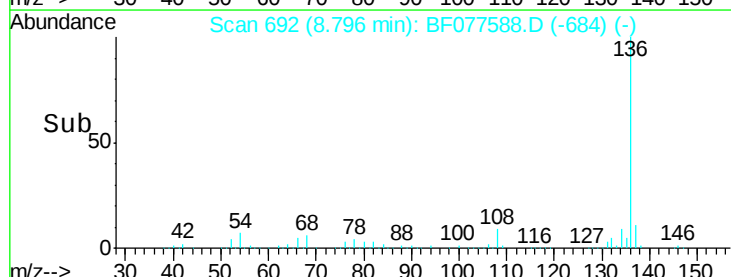


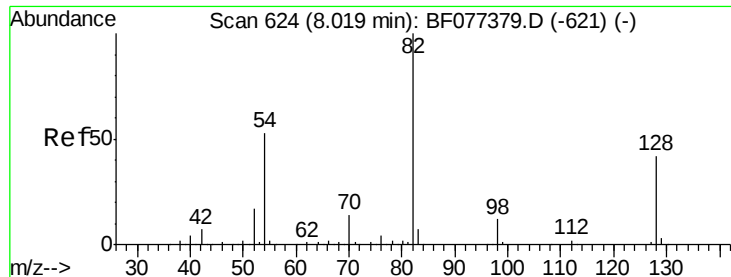
Abundance Ion 136.00 (135.70 to 136.70): E

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

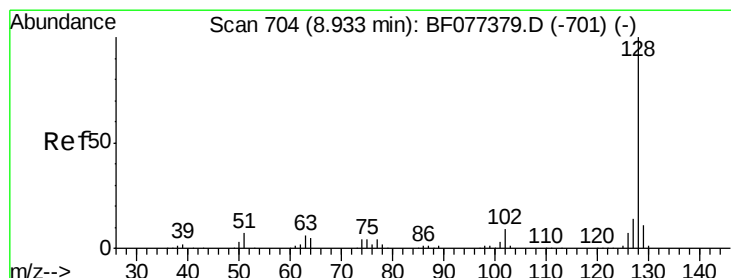
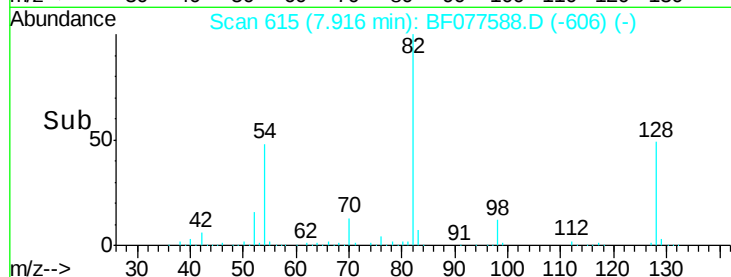
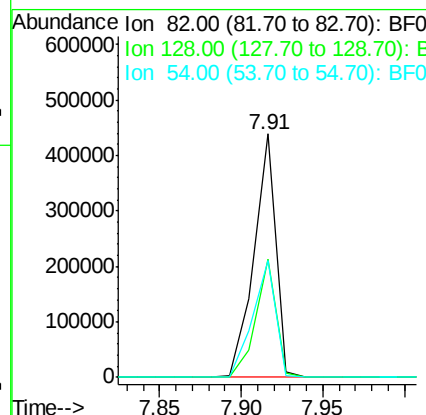
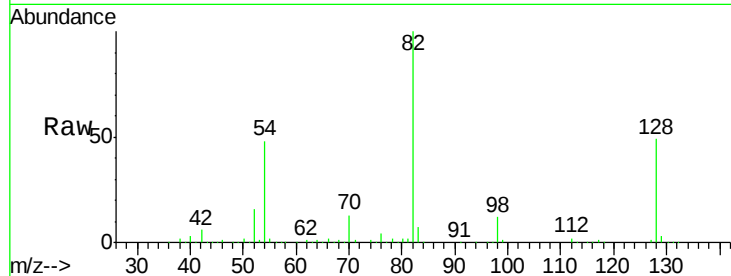




#23
Nitrobenzene-d5
Concen: 99.77 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077588.D
Acq: 4 Mar 2015 18:13

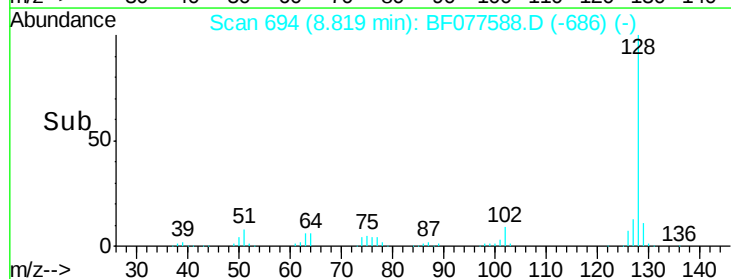
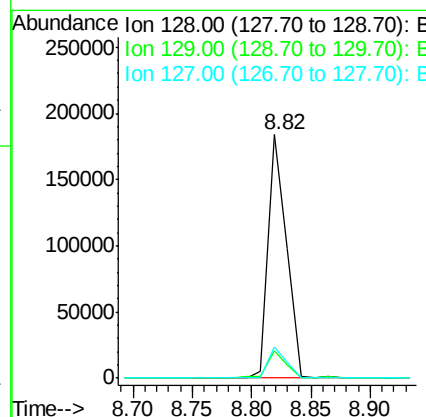
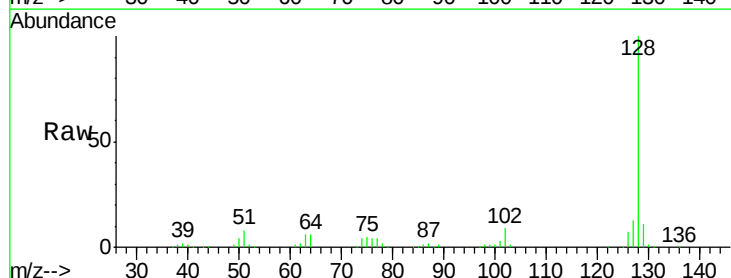
Instrument :
BNA_F
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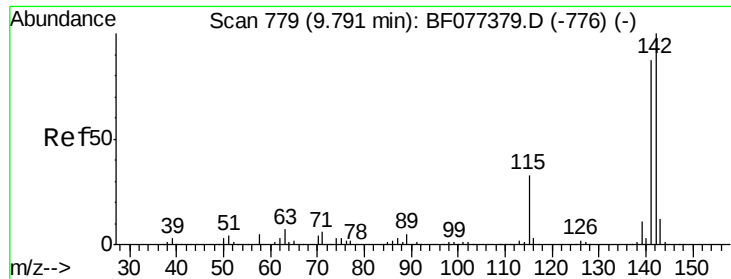
Tgt Ion: 82 Resp: 408520
Ion Ratio Lower Upper
82 100
128 48.6 43.8 65.8
54 47.9 36.7 55.1



#31
Naphthalene
Concen: 15.68 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077588.D
Acq: 4 Mar 2015 18:13

Tgt Ion: 128 Resp: 199647
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 12.8 10.6 15.8

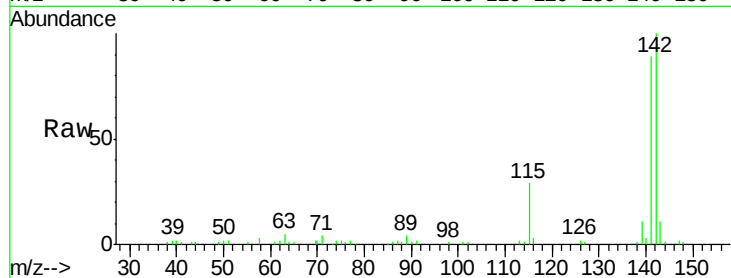




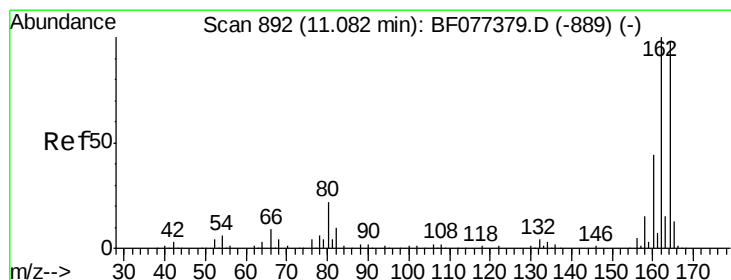
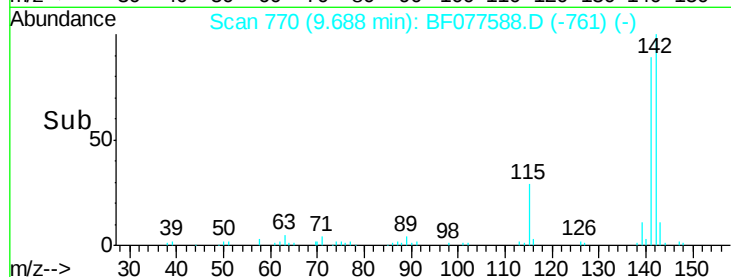
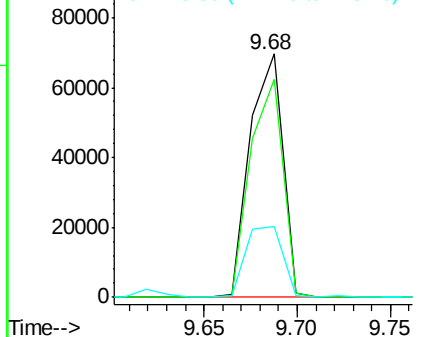
#37
 2-Methylnaphthalene
 Concen: 9.43 ng
 RT: 9.68 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Instrument :
 BNA_F
 ClientSampleId :
 WC030215

Tgt Ion:142 Resp: 85279
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.7 106.1
 115 29.3 24.2 36.4

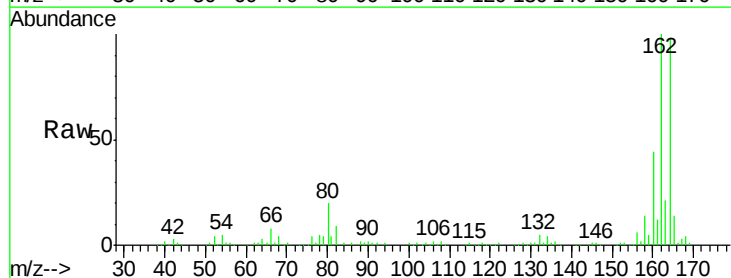


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

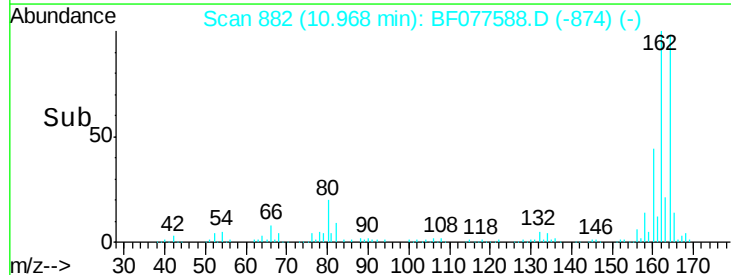
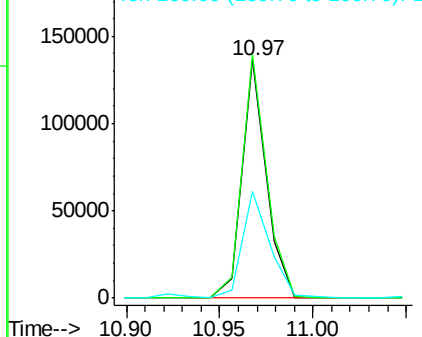


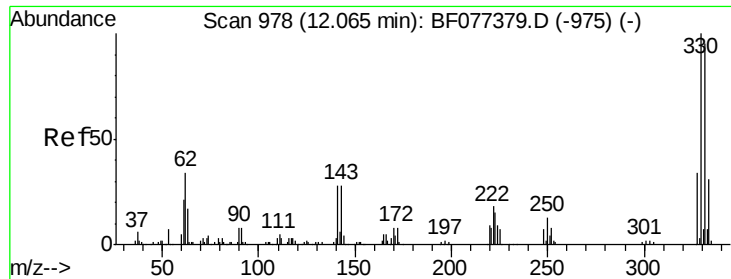
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Tgt Ion:164 Resp: 123725
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.2 124.8
 160 44.7 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

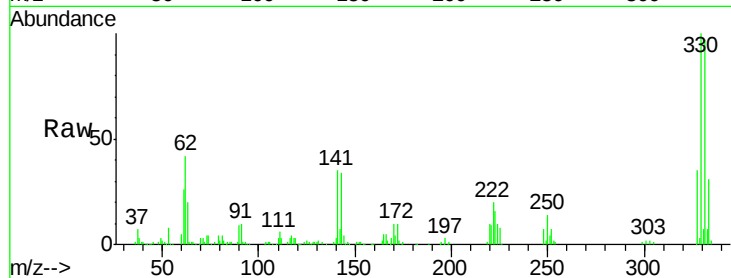




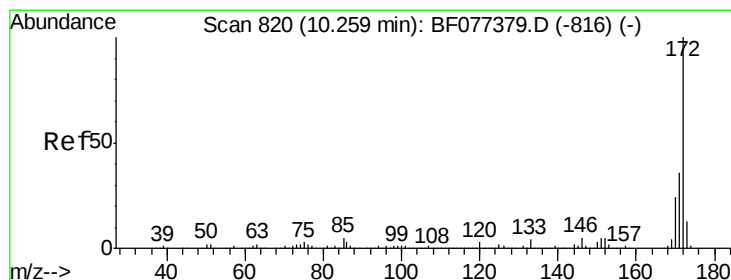
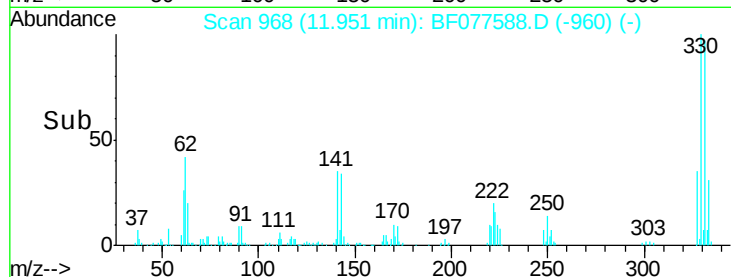
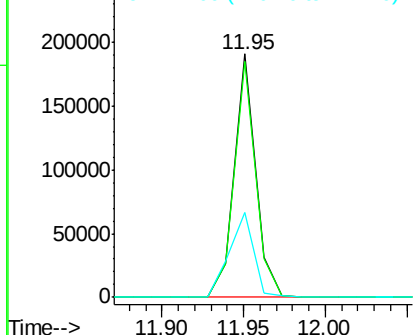
#41
 2,4,6-Tribromophenol
 Concen: 145.38 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 173198
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.5 28.8 43.2

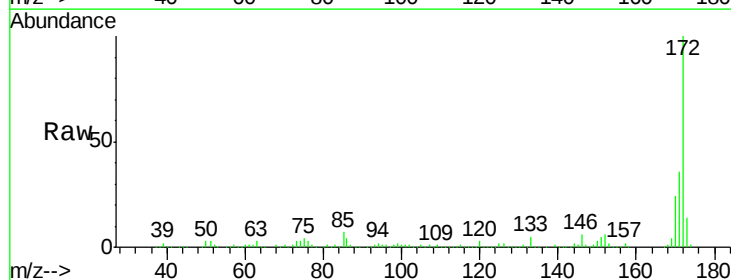


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

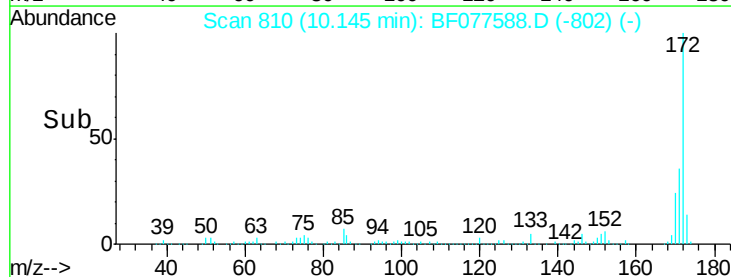
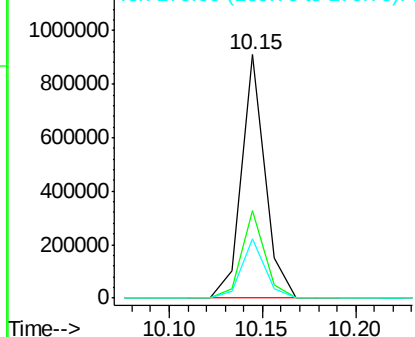


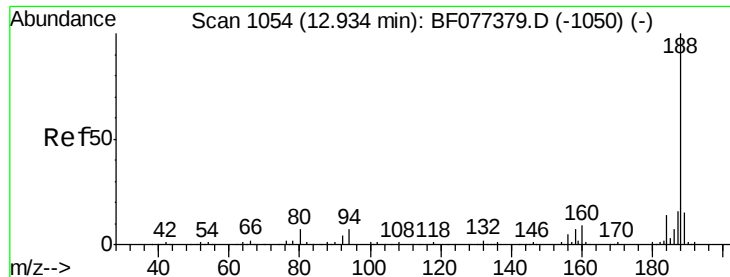
#44
 2-Fluorobiphenyl
 Concen: 100.43 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Tgt Ion:172 Resp: 796923
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.2 19.4 29.2



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

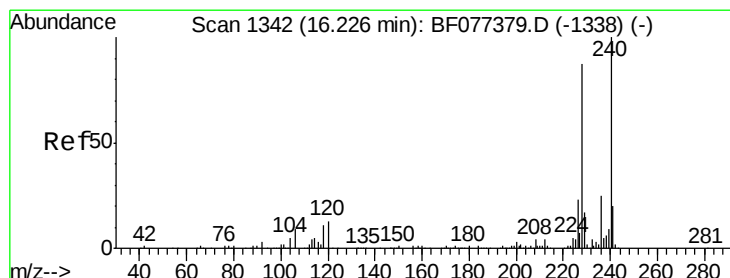
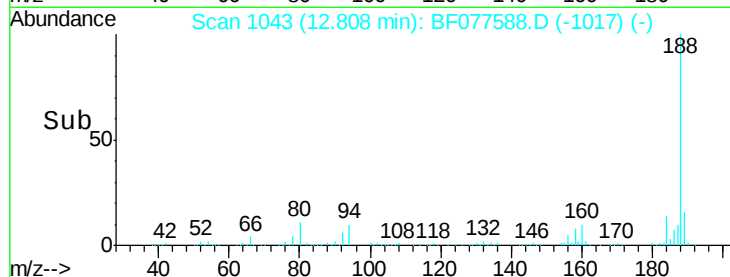
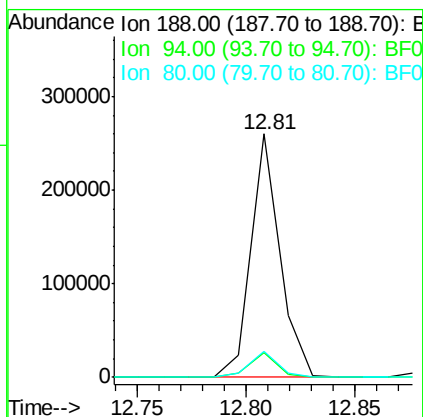
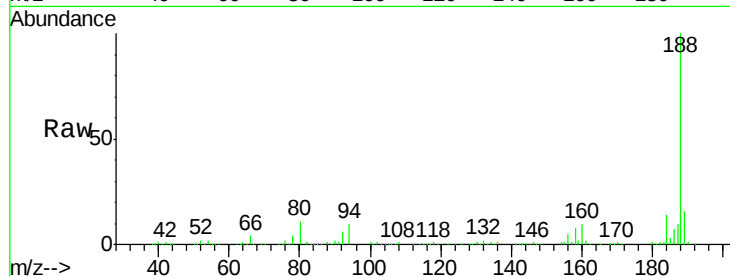




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF077588.D
Acq: 4 Mar 2015 18:13

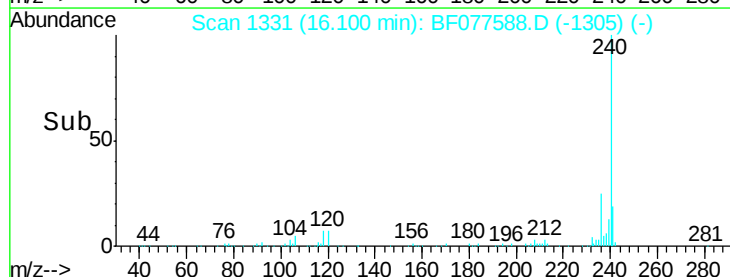
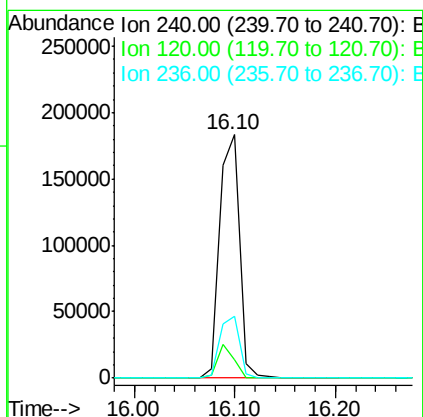
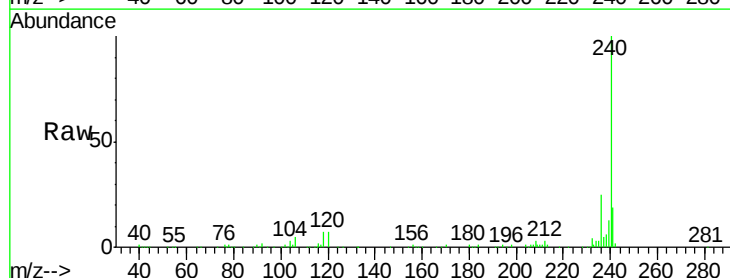
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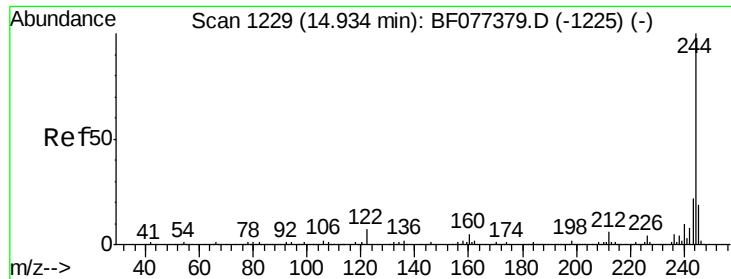
Tgt Ion:188 Resp: 241450
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.9 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077588.D
Acq: 4 Mar 2015 18:13

Tgt Ion:240 Resp: 251788
Ion Ratio Lower Upper
240 100
120 7.5 8.8 13.2#
236 25.2 20.7 31.1

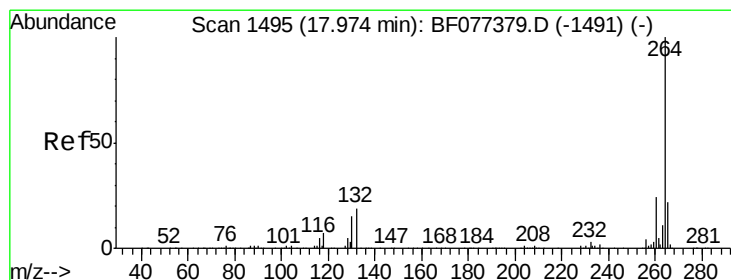
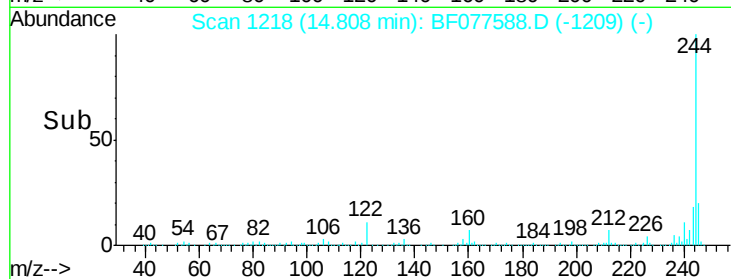
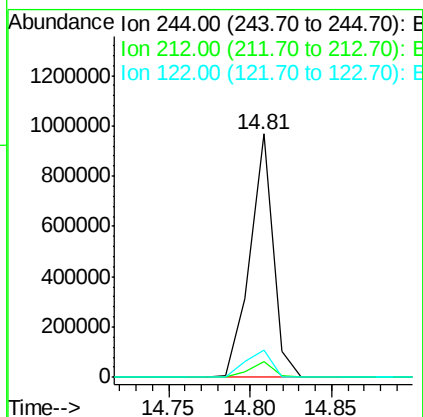
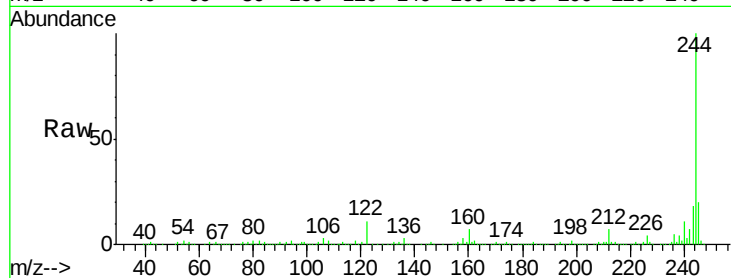




#78
 Terphenyl-d14
 Concen: 88.81 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Instrument :
 BNA_F
 ClientSampleId :
 WC030215

Tgt Ion:244 Resp: 956555
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 11.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BF077588.D
 Acq: 4 Mar 2015 18:13

Tgt Ion:264 Resp: 245479
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.8 16.8 25.2

