

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077982.D
 Acq On : 26 Mar 2015 7:23
 Operator : TP/IZ
 Sample : G1643-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Quant Time: Mar 26 08:14:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39594	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	159931	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	78199	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	161018	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	183439	20.00	ng	-0.02
86) Perylene-d12	17.69	264	186740	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	96045	42.34	ng	0.00
7) Phenol-d6	6.67	99	73757	26.32	ng	0.00
23) Nitrobenzene-d5	7.79	82	186434	76.41	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	74634	99.75	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	414969	77.99	ng	0.00
78) Terphenyl-d14	14.67	244	520527	69.31	ng	0.00

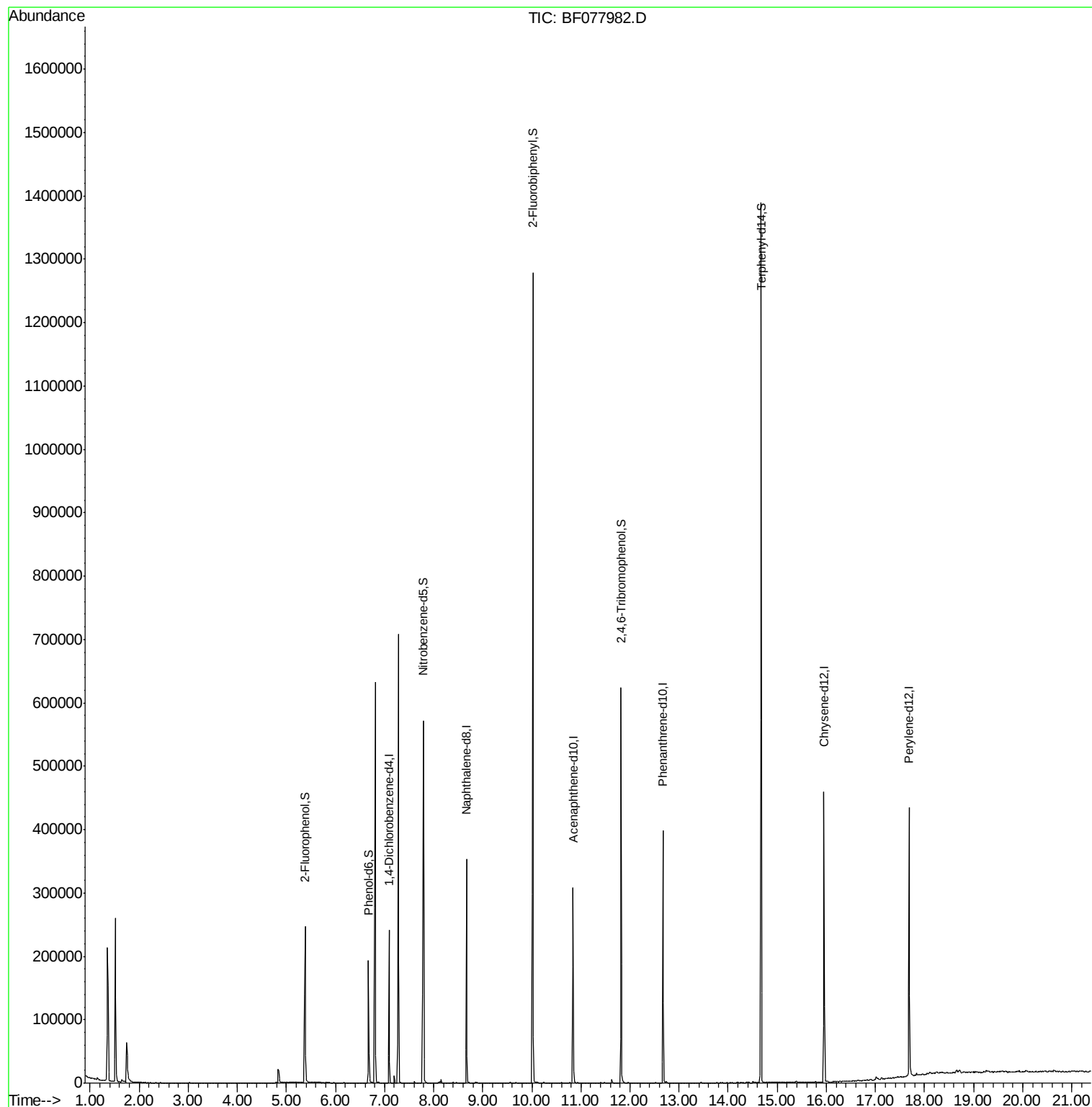
Target Compounds Qvalue

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

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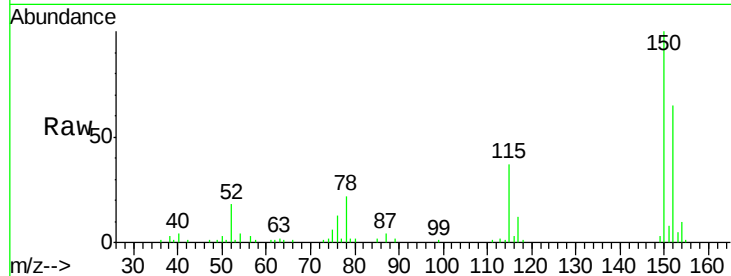




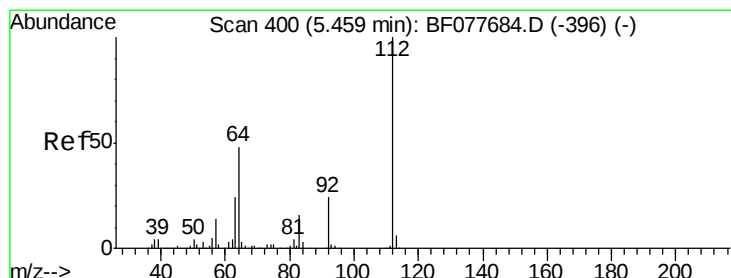
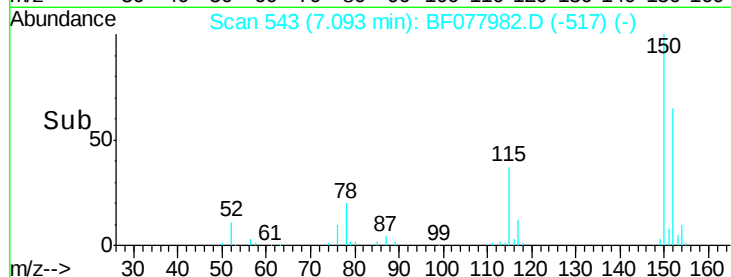
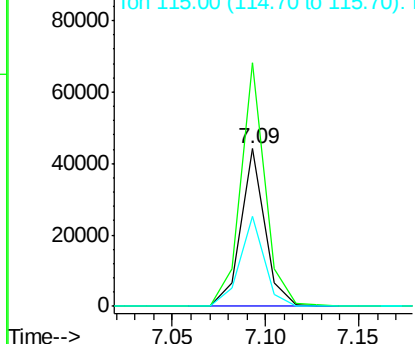
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Tot Ion:152 Resp: 39594
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.5 179.3
 115 56.9 43.0 64.4

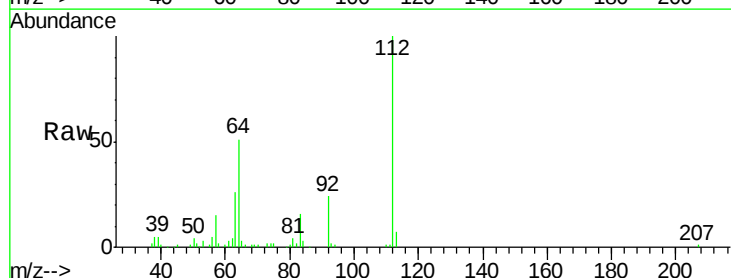


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

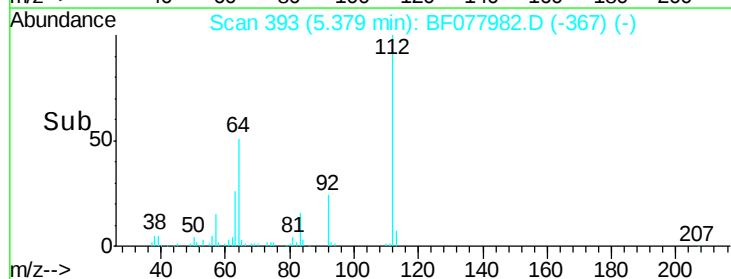
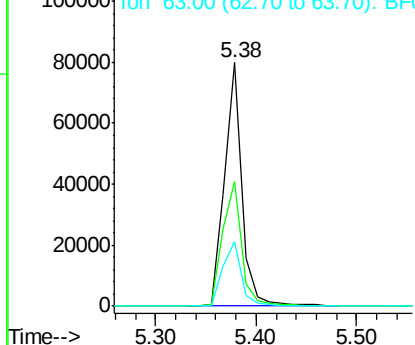


#5
 2-Fluorophenol
 Concen: 42.34 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion:112 Resp: 96045
 Ion Ratio Lower Upper
 112 100
 64 51.3 38.6 57.8
 63 26.3 19.3 28.9



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: 26.32 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-15

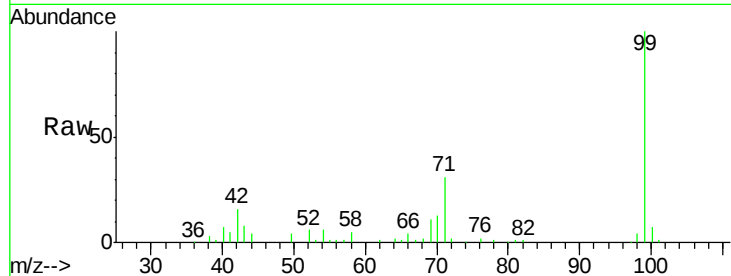
Tot Ion: 99 Resp: 73757

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

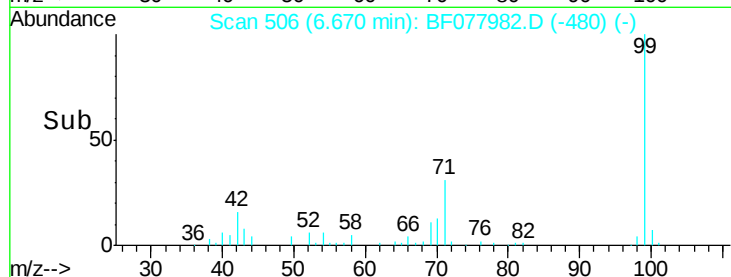
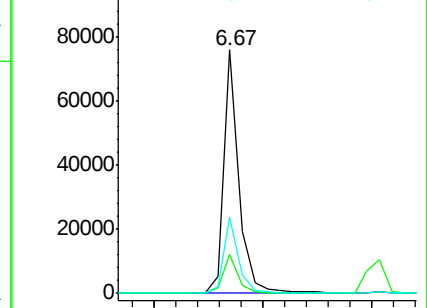
71 31.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

Tgt Ion: 136 Resp: 159931

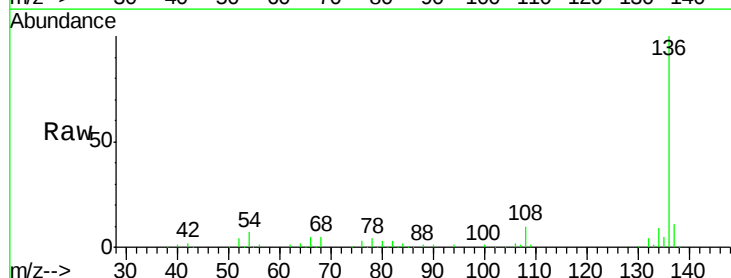
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.9 4.6 6.8#

68 5.5 3.7 5.5

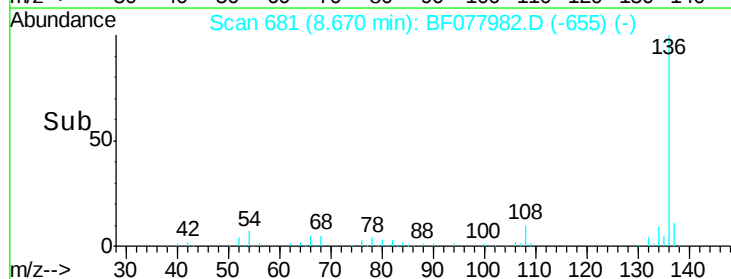
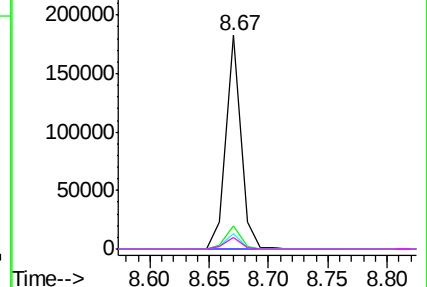


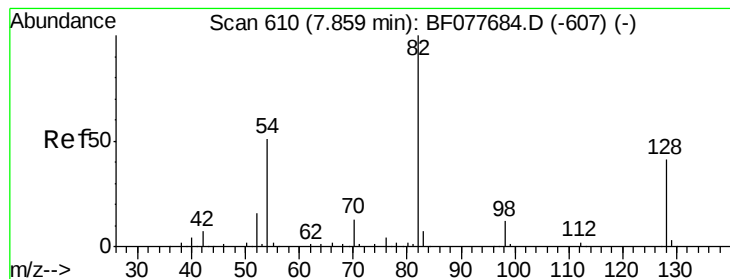
Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)





#23

Nitrobenzene-d5

Concen: 76.41 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-15

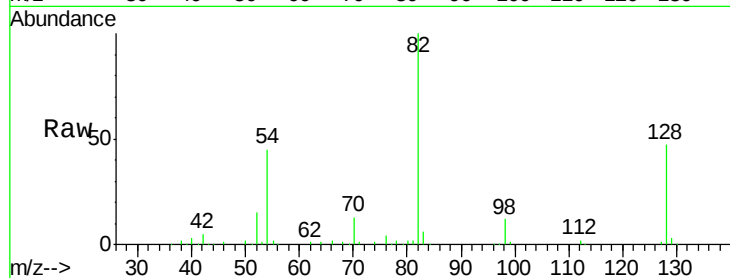
Tot Ion: 82 Resp: 186434

Ion Ratio Lower Upper

82 100

128 47.4 32.8 49.2

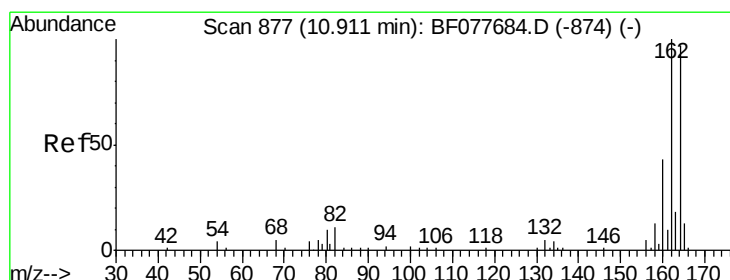
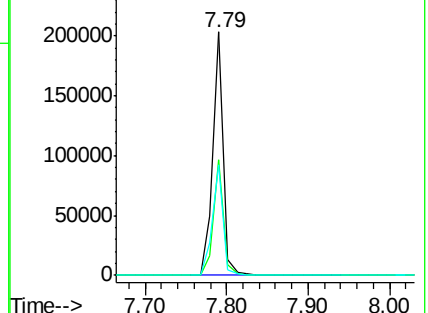
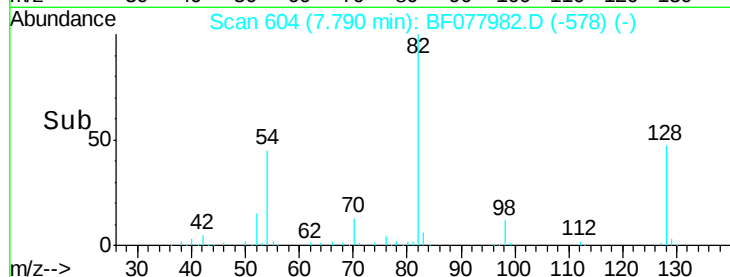
54 45.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

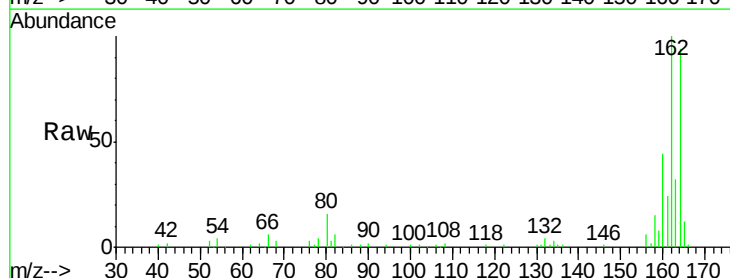
Tgt Ion: 164 Resp: 78199

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

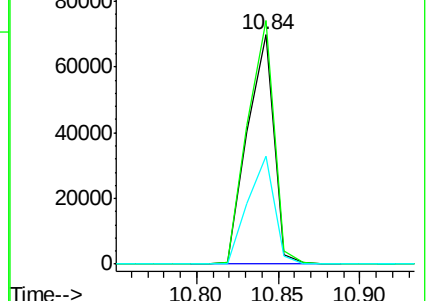
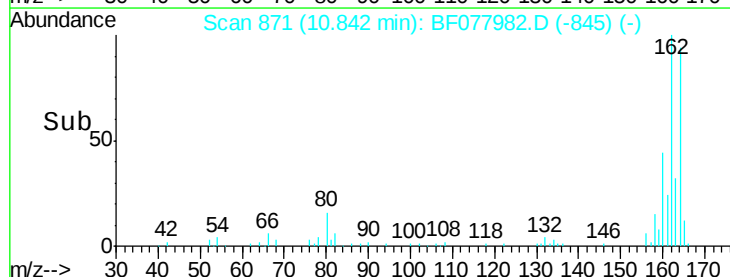
160 47.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

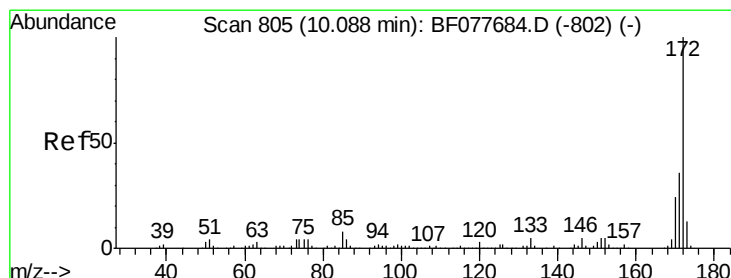
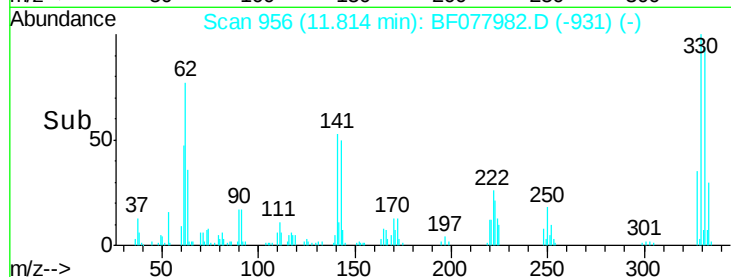
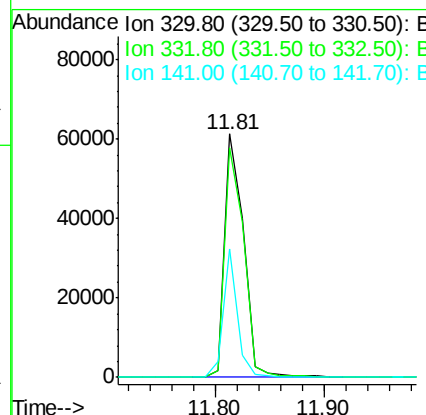
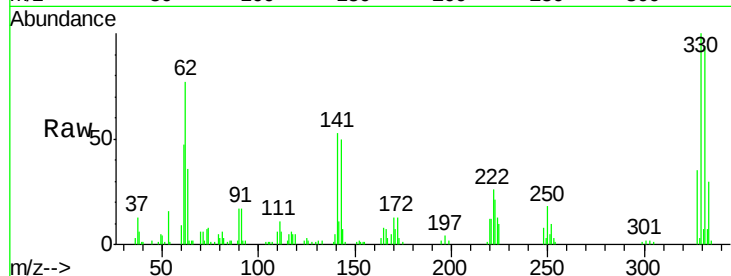




#41
 2,4,6-Tribromophenol
 Concen: 99.75 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

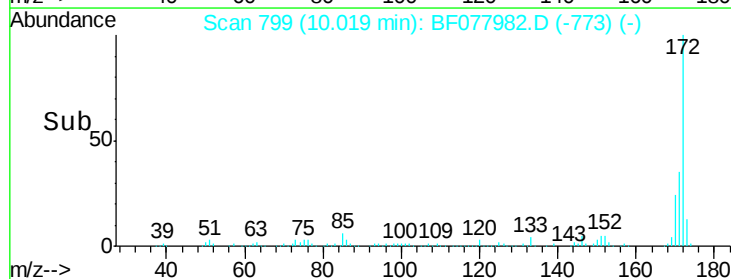
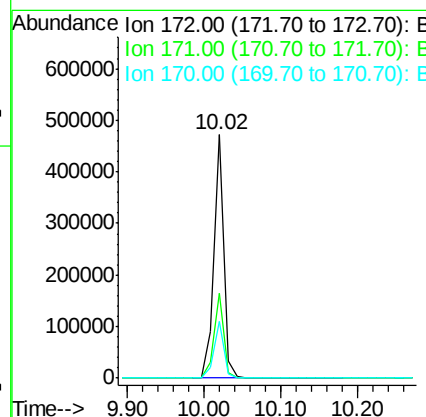
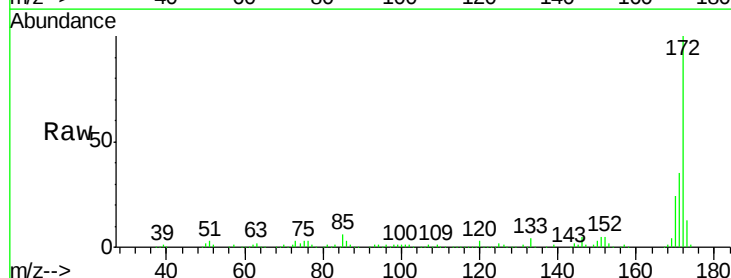
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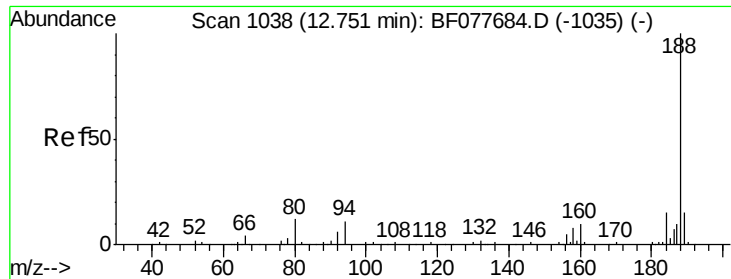
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	39.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.99 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.6	18.8	28.2

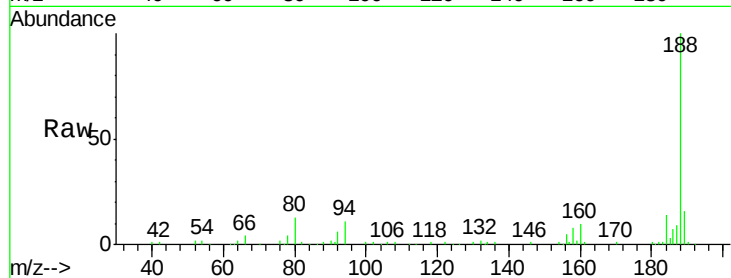




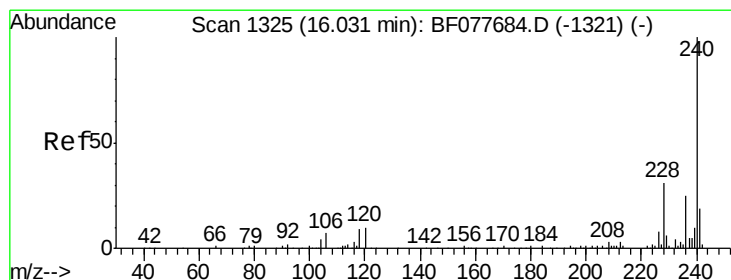
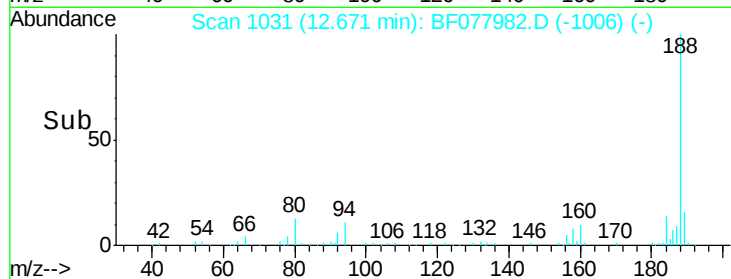
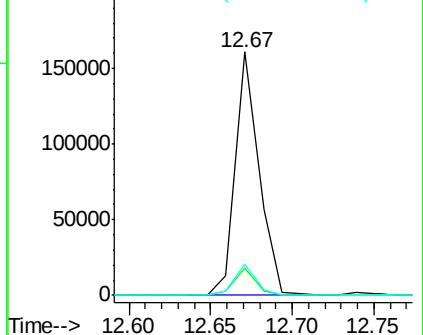
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-15

Tot Ion:188 Resp: 161018
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 12.6 9.3 13.9

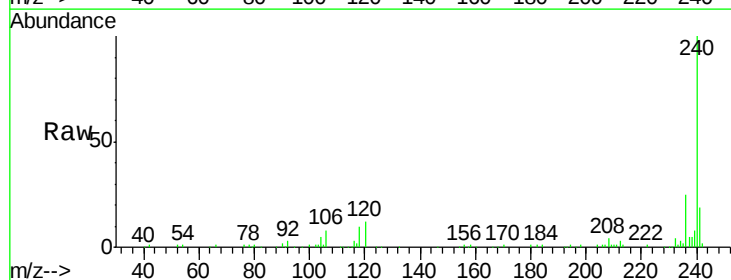


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

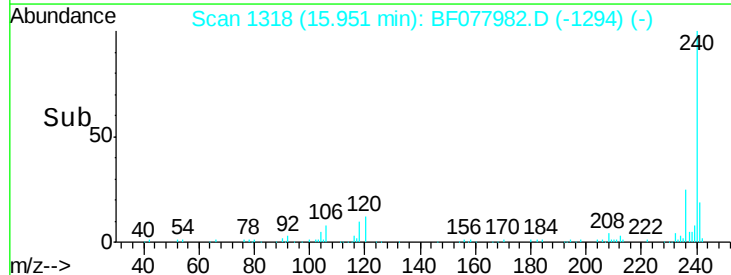
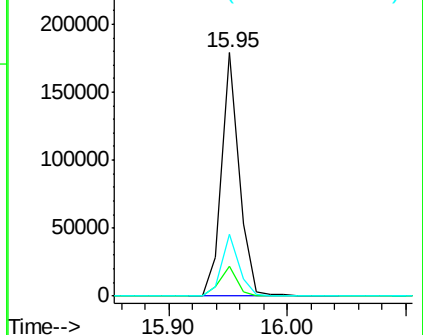


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

Tgt Ion:240 Resp: 183439
Ion Ratio Lower Upper
240 100
120 12.3 8.2 12.2#
236 25.3 20.0 30.0



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

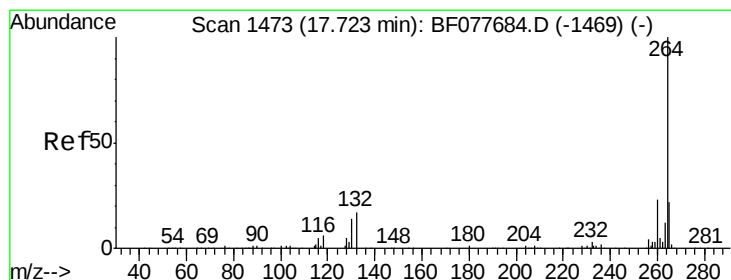
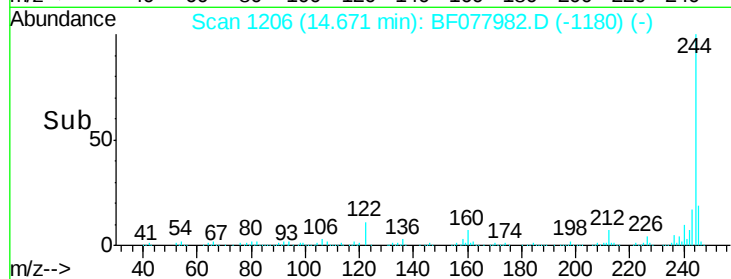
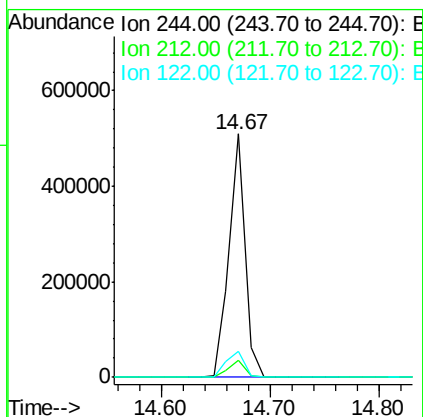
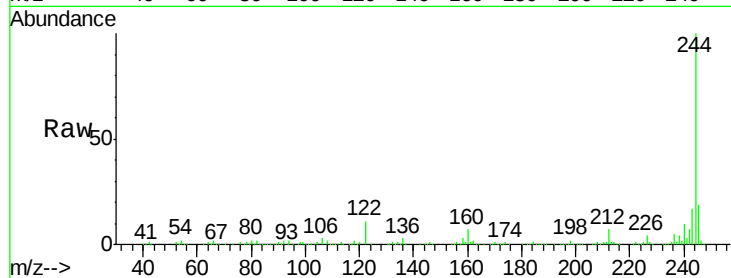




#78
 Terphenyl-d14
 Concen: 69.31 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
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Tot Ion:244 Resp: 520527
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 10.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. -0.06 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion:264 Resp: 186740
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.6 17.3 25.9

