

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077838.D
 Acq On : 19 Mar 2015 18:47
 Operator : TP/IZ
 Sample : G1572-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELD BLANK-1-13-17-15

Quant Time: Mar 20 01:39:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39620	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	158755	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	77283	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	154073	20.00	ng	0.00
75) Chrysene-d12	16.02	240	173084	20.00	ng	-0.01
86) Perylene-d12	17.76	264	170642	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123478	54.40	ng	0.01
7) Phenol-d6	6.73	99	88739	31.64	ng	0.00
23) Nitrobenzene-d5	7.85	82	230061	94.99	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	93146	125.97	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	482060	91.67	ng	0.00
78) Terphenyl-d14	14.73	244	542670	76.59	ng	-0.01

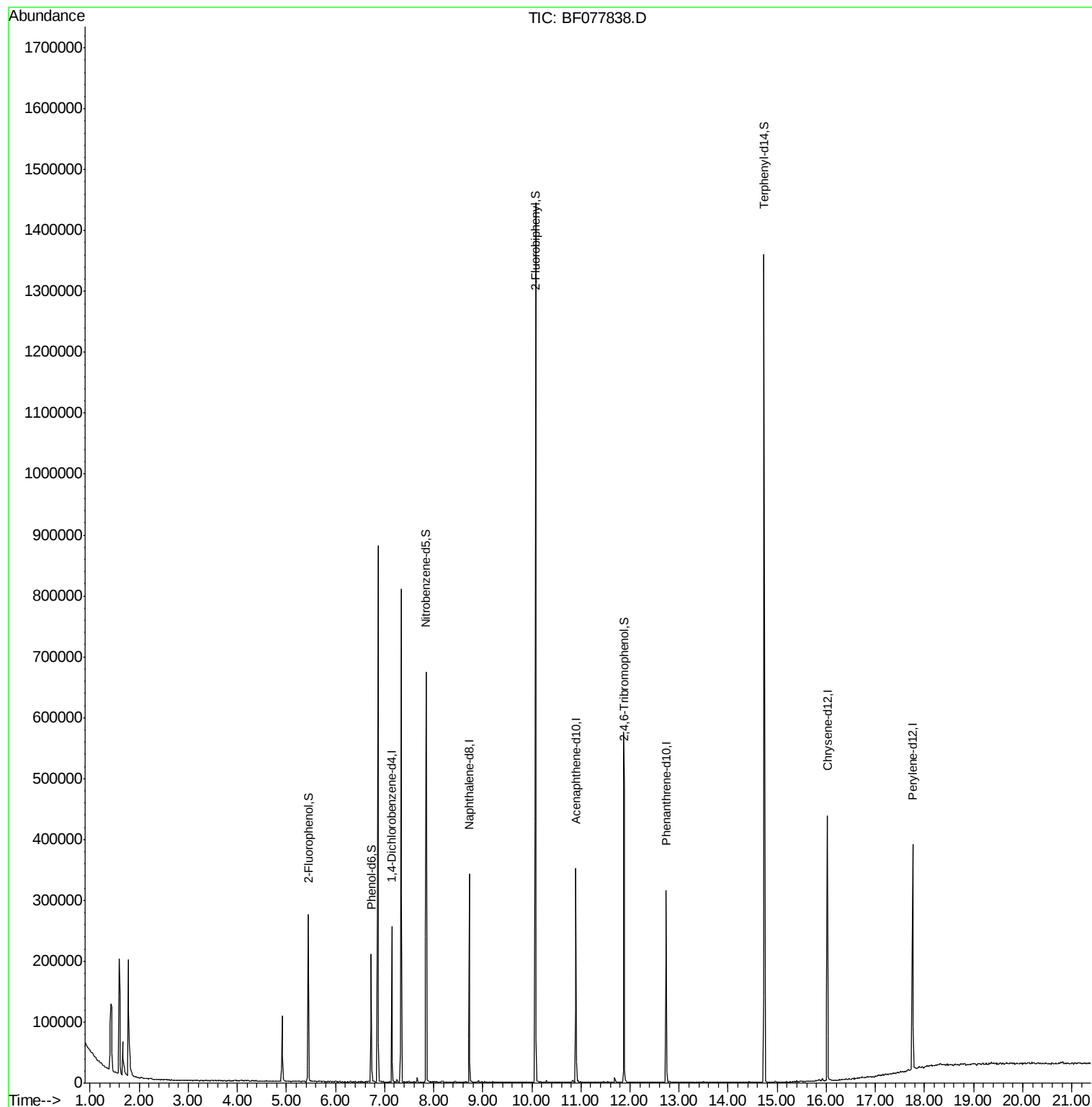
Target Compounds Qvalue

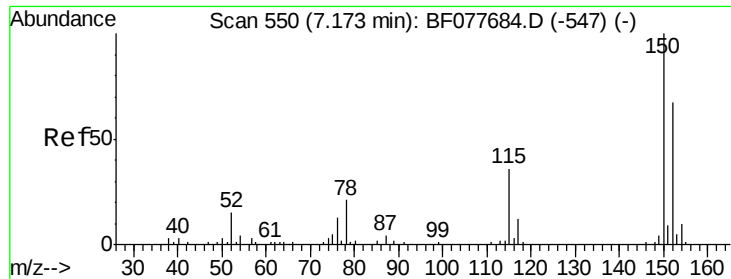
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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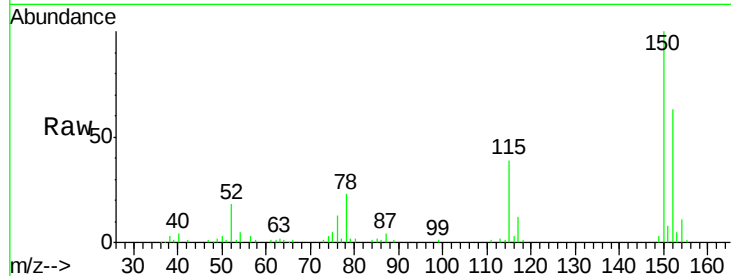


#1

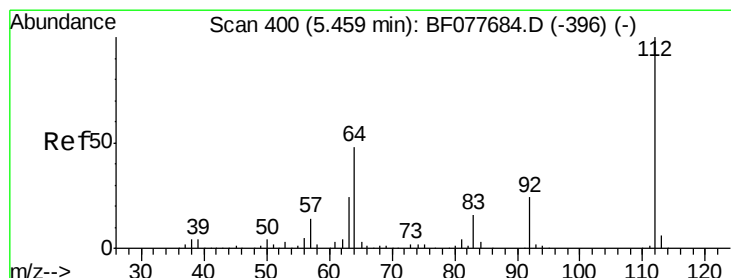
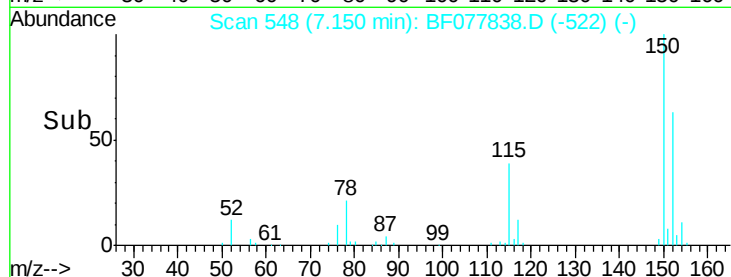
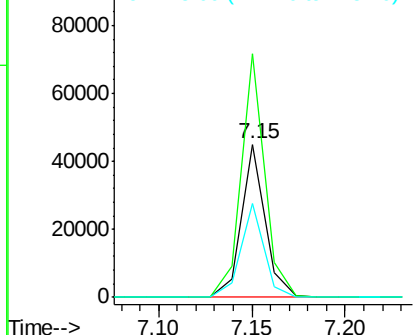
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

Instrument :
BNA_F
ClientSampleId :
MJQUILLFIELDBLANK-1-13-17-15

Tot Ion:152 Resp: 39620
Ion Ratio Lower Upper
152 100
150 159.3 119.5 179.3
115 61.7 43.0 64.4



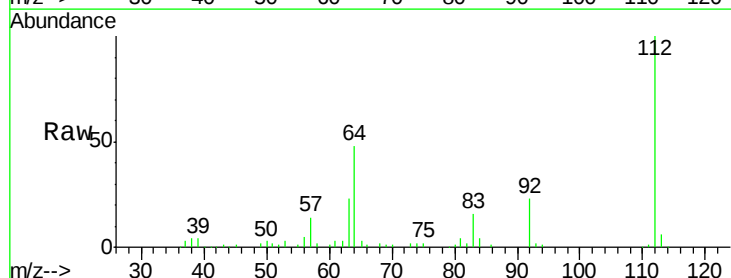
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



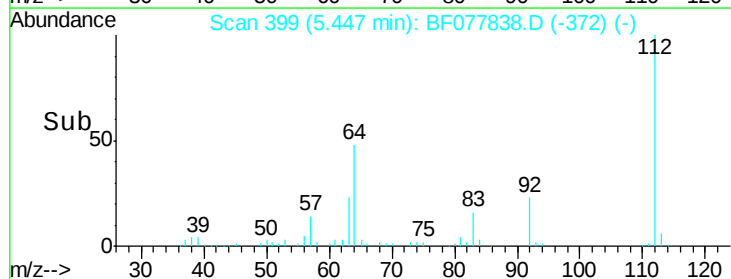
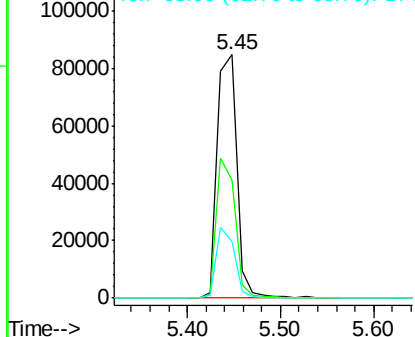
#5

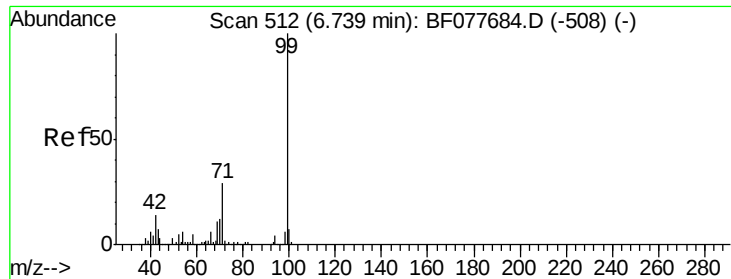
2-Fluorophenol
Concen: 54.40 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077838.D
Acq: 19 Mar 2015 18:47

Tgt Ion:112 Resp: 123478
Ion Ratio Lower Upper
112 100
64 48.3 38.6 57.8
63 23.2 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: 31.64 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Instrument :

BNA_F

ClientSampleId :

MJQUILLFIELD BLANK-1-13-17-15

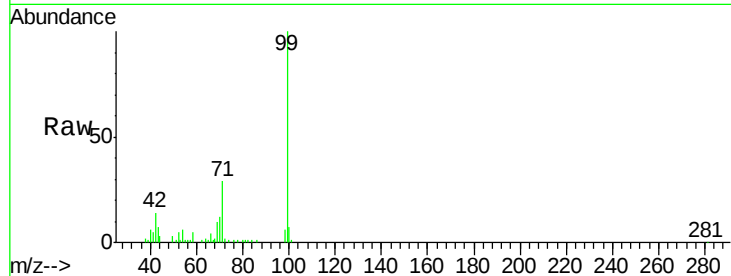
Tot Ion: 99 Resp: 88739

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

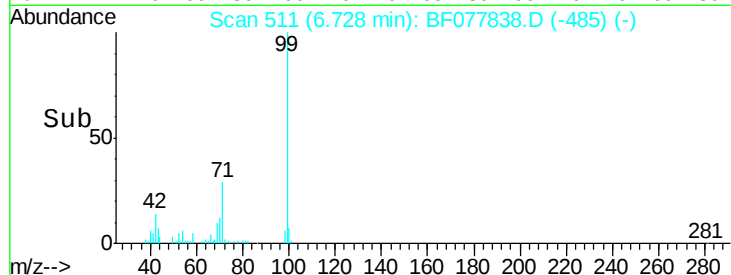
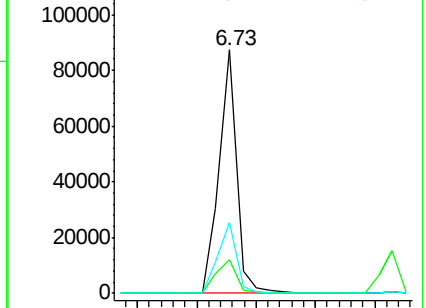
71 29.1 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Tgt Ion: 136 Resp: 158755

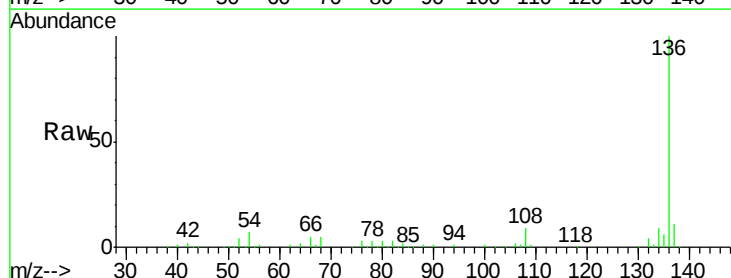
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.9 4.6 6.8#

68 5.2 3.7 5.5

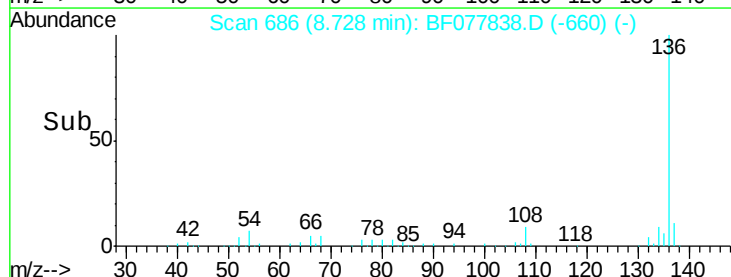
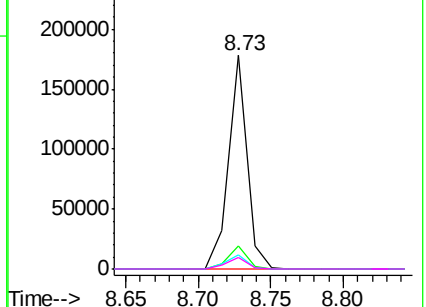


Abundance Ion 136.00 (135.70 to 136.70): E

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

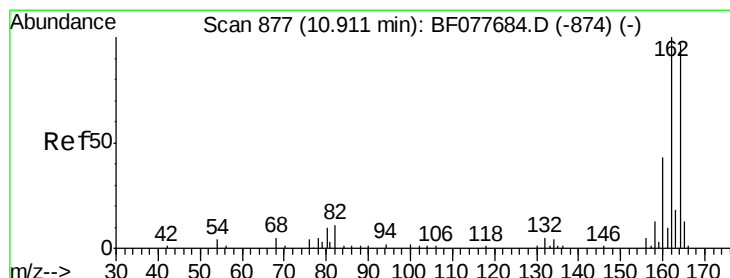
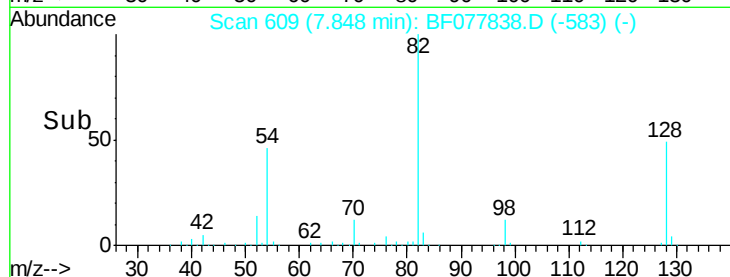
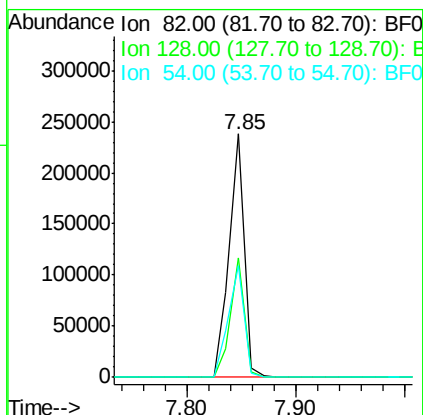
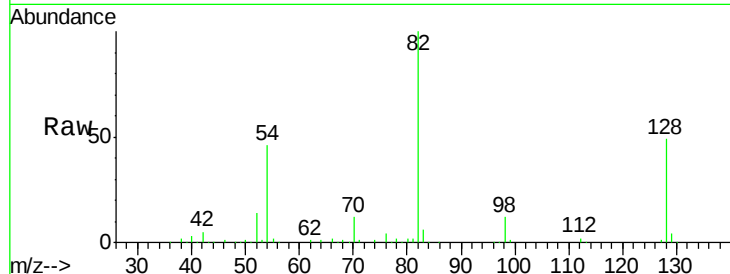




#23
 Nitrobenzene-d5
 Concen: 94.99 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

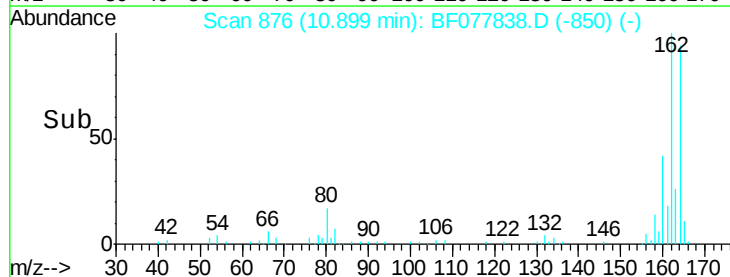
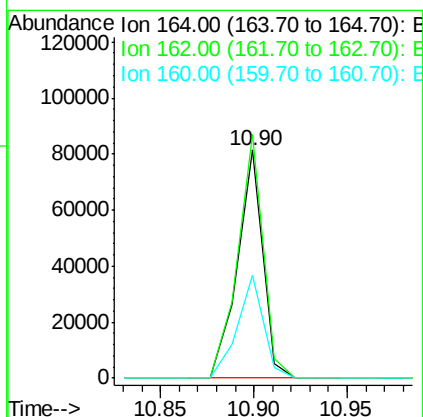
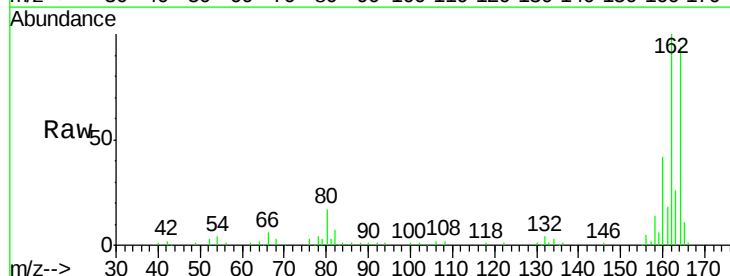
Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

Tot Ion: 82 Resp: 230061
 Ion Ratio Lower Upper
 82 100
 128 48.9 32.8 49.2
 54 45.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Tgt Ion:164 Resp: 77283
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.4 123.6
 160 45.1 35.8 53.6

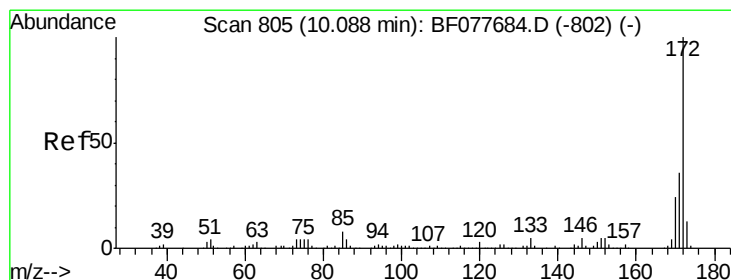
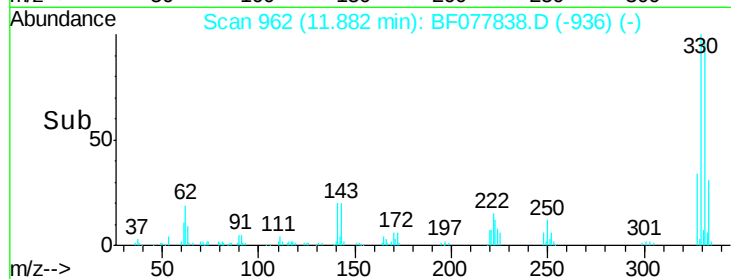
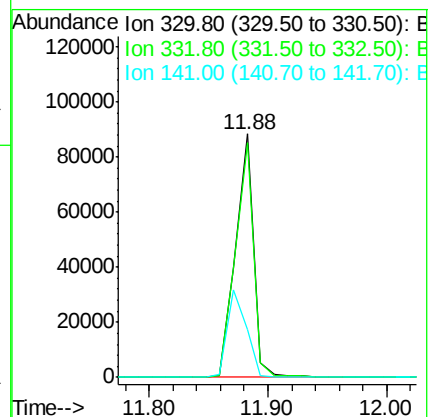
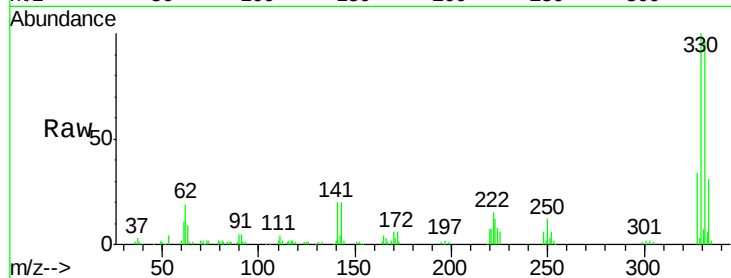




#41
 2,4,6-Tribromophenol
 Concen: 125.97 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

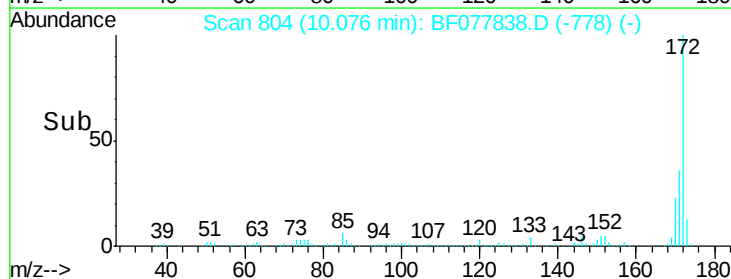
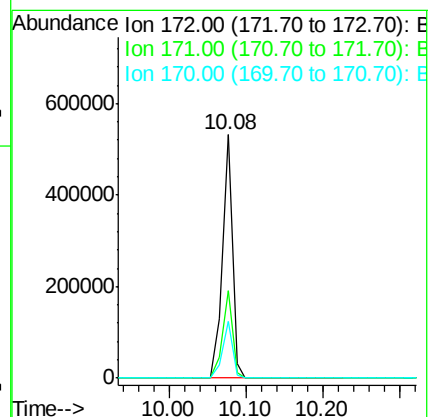
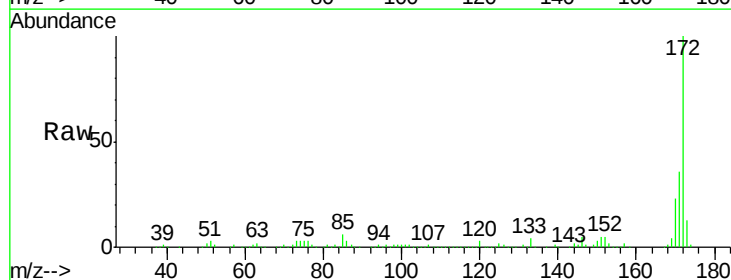
Instrument :
 BNA_F
 ClientSampleId :
 MJQUILLFIELDBLANK-1-13-17-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	38.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 91.67 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077838.D
 Acq: 19 Mar 2015 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.4	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Instrument :

BNA_F

ClientSampleId :

MJQUILLFIELD BLANK-1-13-17-15

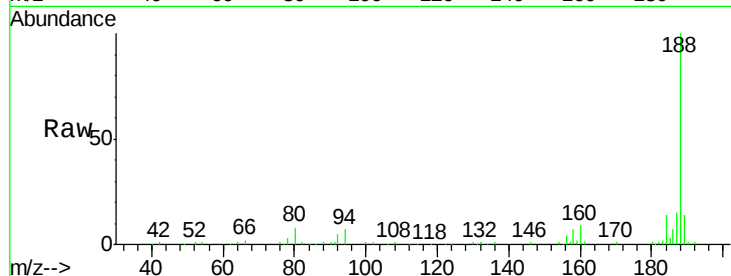
Tot Ion:188 Resp: 154073

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

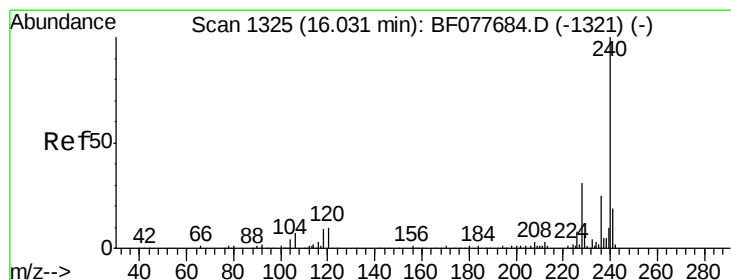
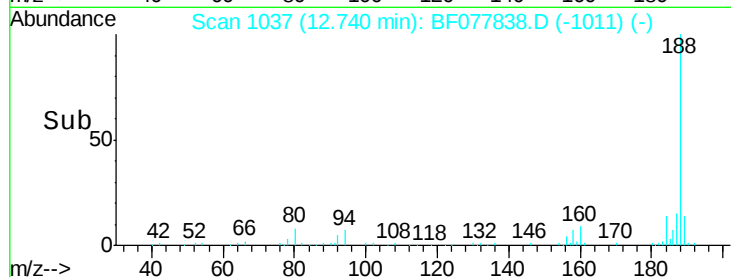
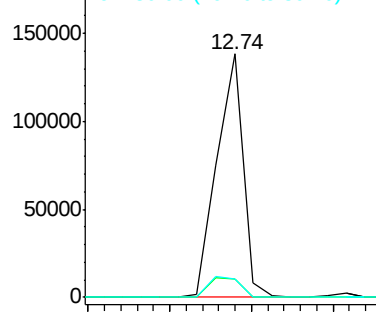
80 7.8 9.3 13.9#



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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

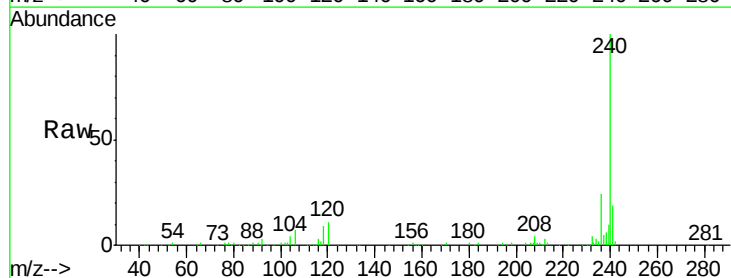
Tgt Ion:240 Resp: 173084

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

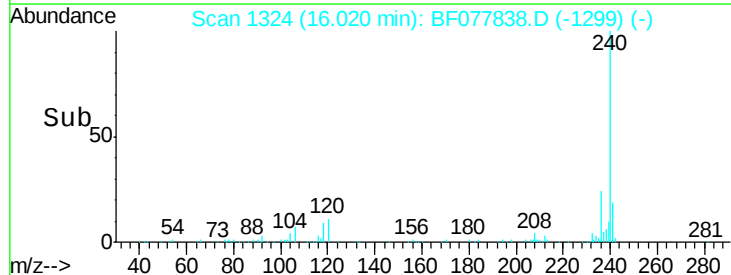
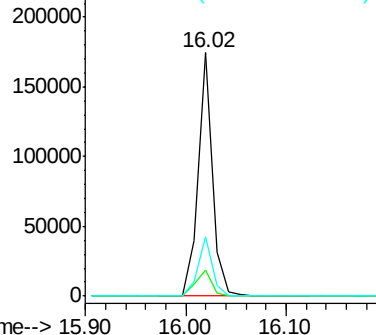
236 24.3 20.0 30.0

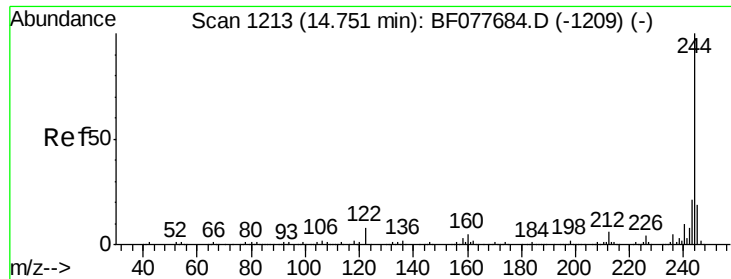


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.59 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

Instrument :

BNA_F

ClientSampleId :

MJQUILLFIELD BLANK-1-13-17-15

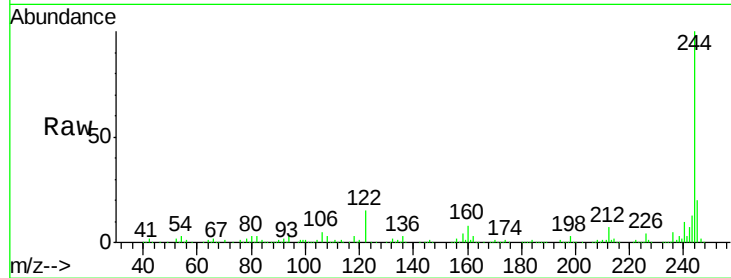
Tot Ion:244 Resp: 542670

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

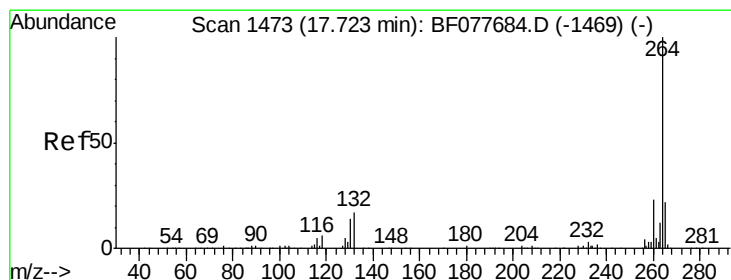
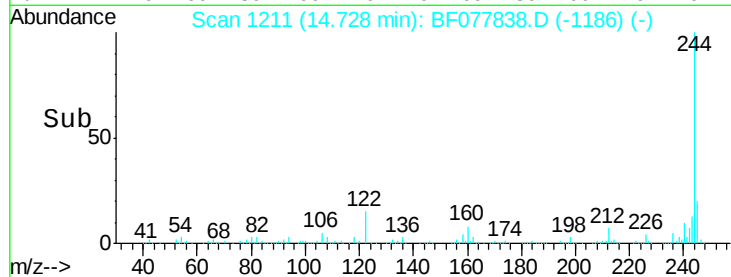
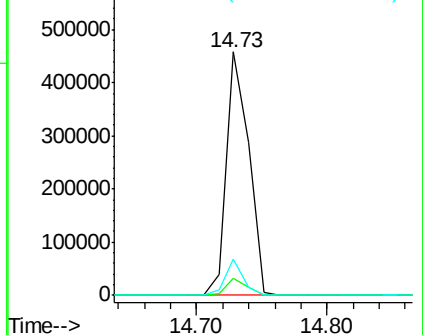
122 15.0 6.2 9.4#



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: 17.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF077838.D

Acq: 19 Mar 2015 18:47

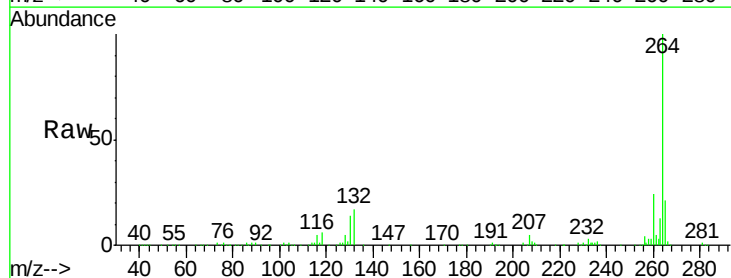
Tgt Ion:264 Resp: 170642

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

