

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079027.D
 Acq On : 8 May 2015 8:02
 Operator : TP/IZ
 Sample : G2077-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-4-29-15

Quant Time: May 08 08:56:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 07:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	69112	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	289890	20.00	ng	-0.01
38) Acenaphthene-d10	11.10	164	147528	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	292644	20.00	ng	0.00
75) Chrysene-d12	16.26	240	320019	20.00	ng	0.01
86) Perylene-d12	18.09	264	333803	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	263433	65.61	ng	0.00
7) Phenol-d6	6.90	99	221788	41.79	ng	0.00
23) Nitrobenzene-d5	8.03	82	438146	86.86	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	219826	137.74	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	836047	78.95	ng	0.00
78) Terphenyl-d14	14.95	244	1105252	82.69	ng	0.00

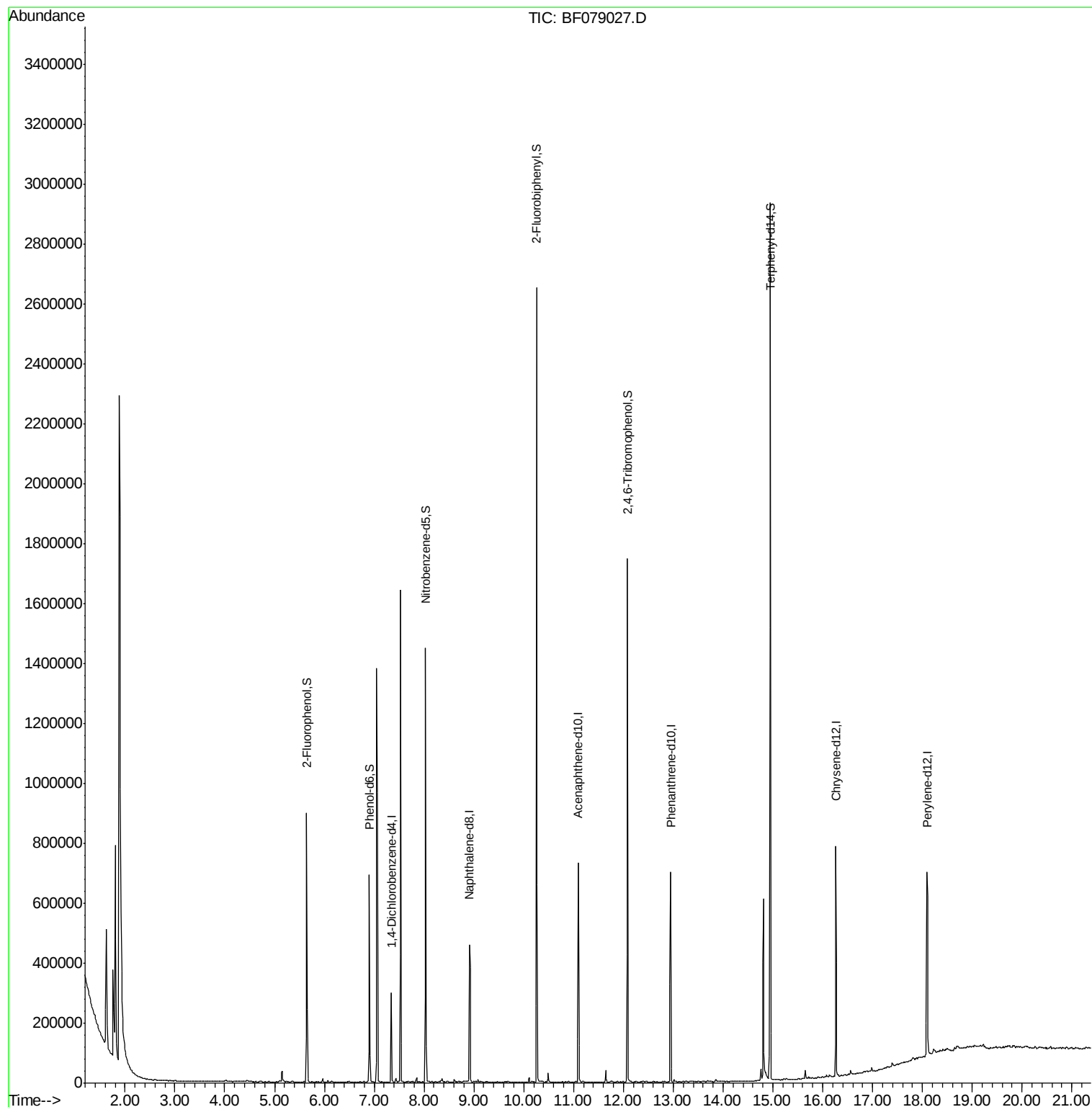
Target Compounds Qvalue

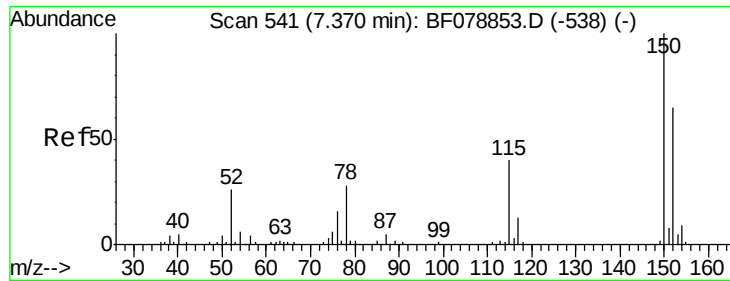
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079027.D

Acq: 8 May 2015 8:02

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-4-29-15

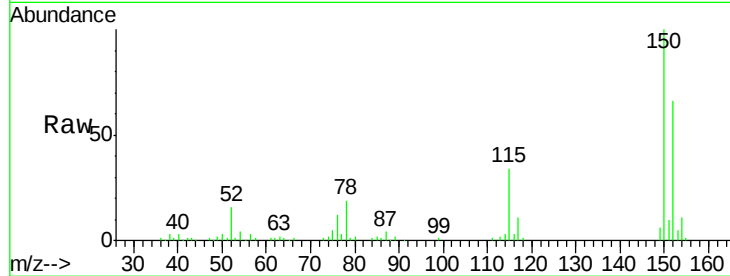
Tot Ion:152 Resp: 69112

Ion Ratio Lower Upper

152 100

150 151.9 122.0 183.0

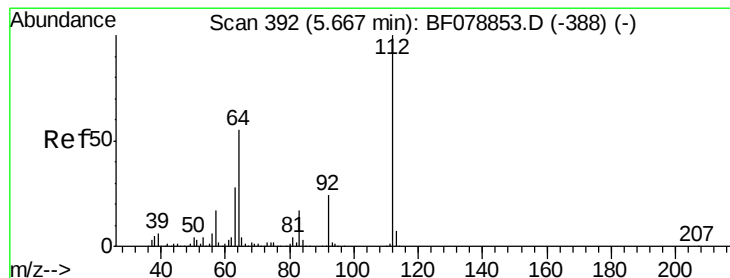
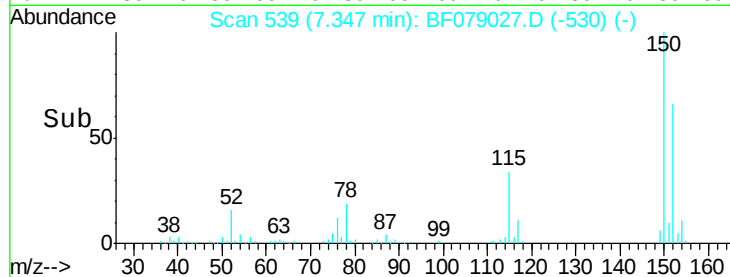
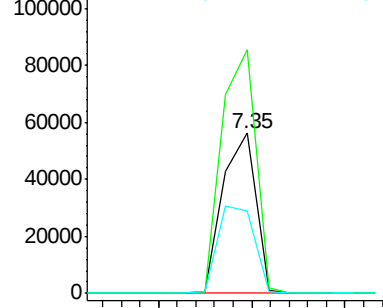
115 51.1 46.3 69.5



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: 65.61 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079027.D

Acq: 8 May 2015 8:02

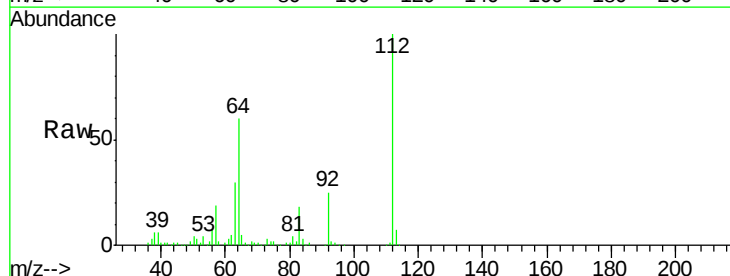
Tgt Ion:112 Resp: 263433

Ion Ratio Lower Upper

112 100

64 60.5 53.5 80.3

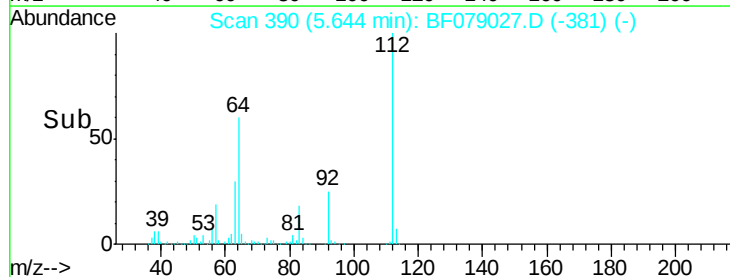
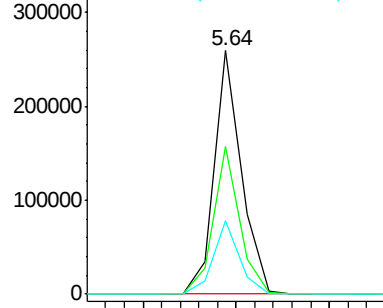
63 30.0 27.5 41.3

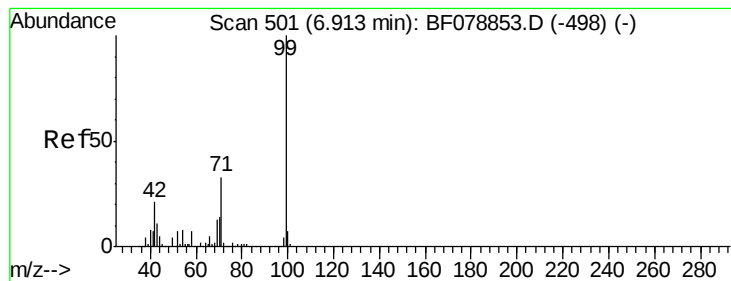


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.79 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079027.D

Acq: 8 May 2015 8:02

Instrument :

BNA_F

ClientSampleId :

GUNHILLFIELDBLANK-2-4-29-15

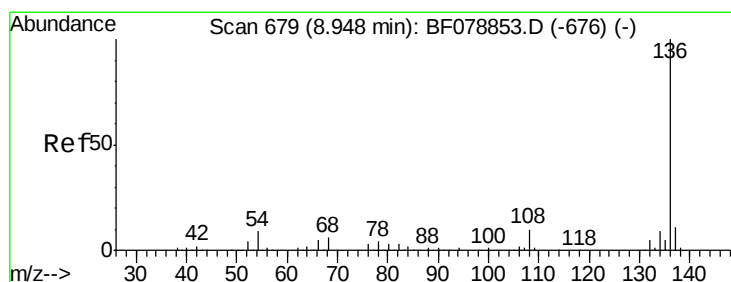
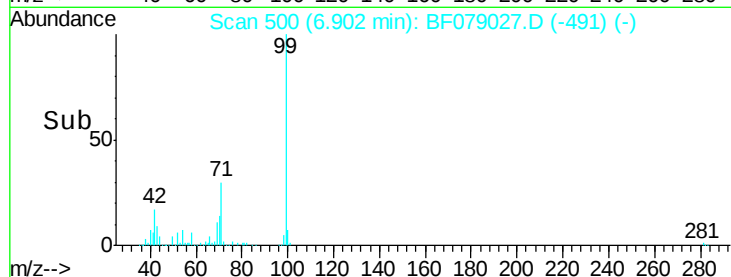
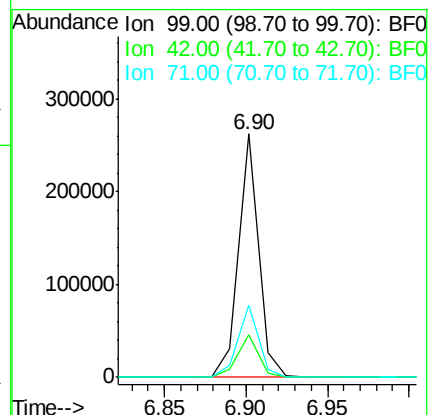
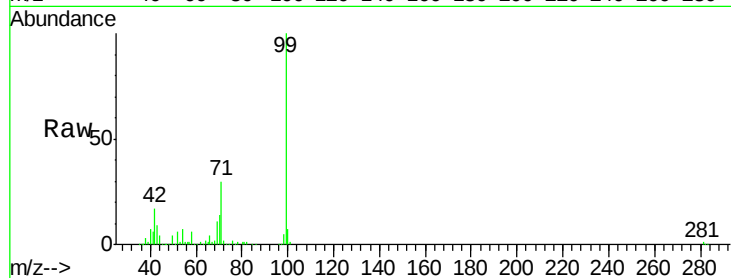
Tot Ion: 99 Resp: 221788

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

71 29.8 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF079027.D

Acq: 8 May 2015 8:02

Tgt Ion: 136 Resp: 289890

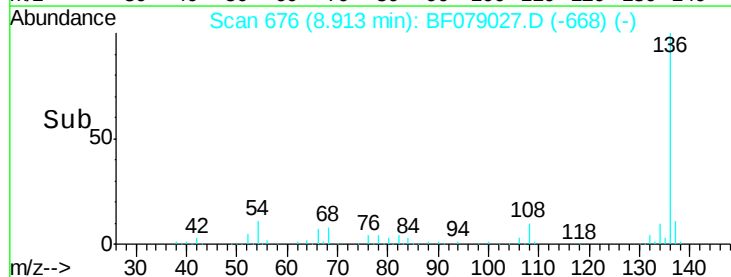
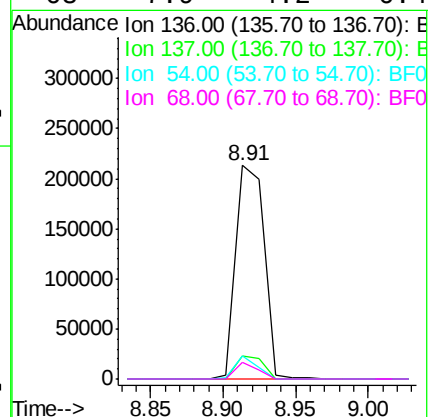
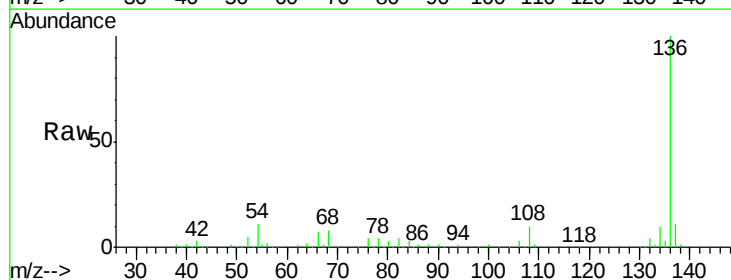
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.6 5.8 8.8#

68 7.9 4.2 6.4#

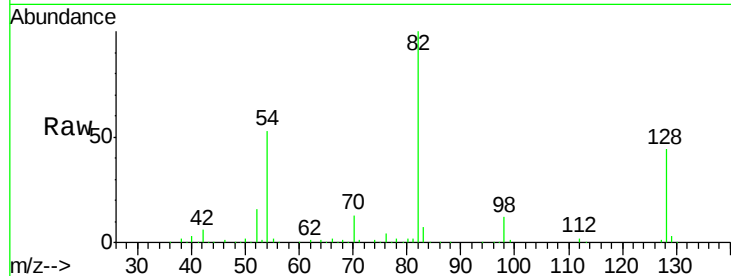




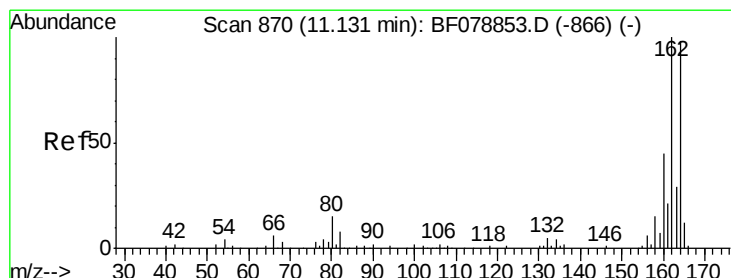
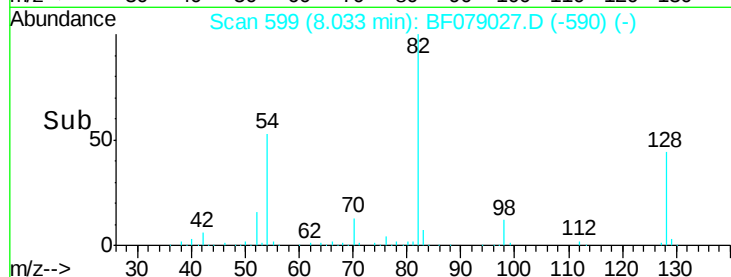
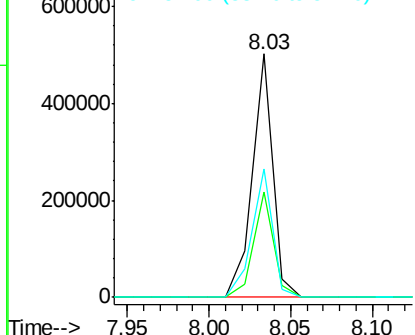
#23
 Nitrobenzene-d5
 Concen: 86.86 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-4-29-15

Tot Ion: 82 Resp: 438146
 Ion Ratio Lower Upper
 82 100
 128 43.5 30.0 45.0
 54 52.9 46.4 69.6

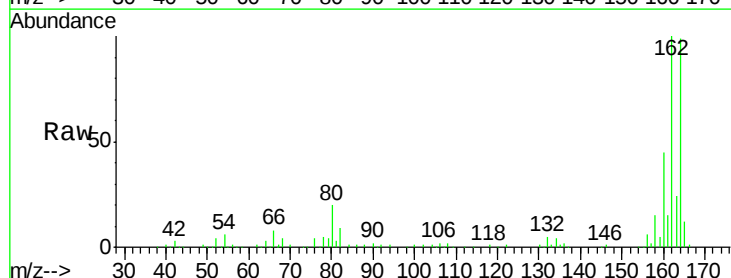


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

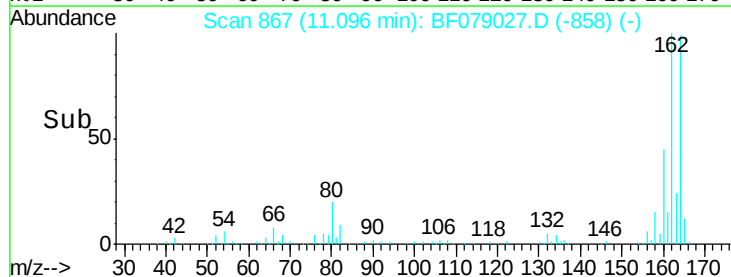
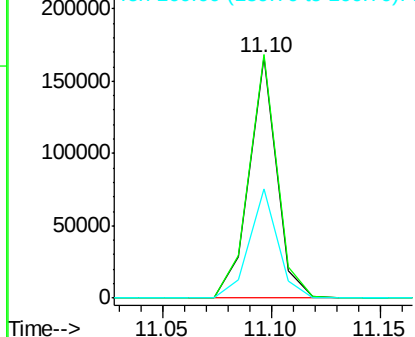


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Tgt Ion:164 Resp: 147528
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.7 124.1
 160 45.4 35.8 53.8



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

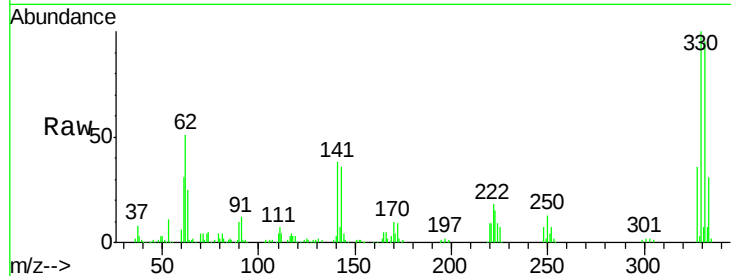




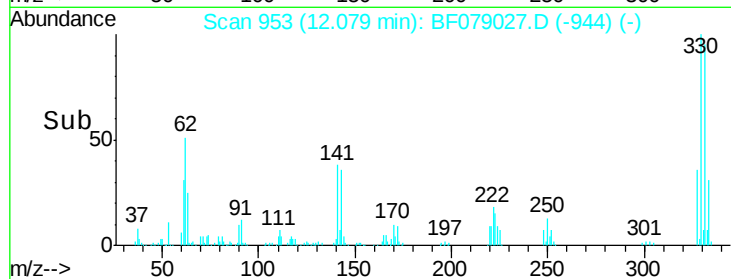
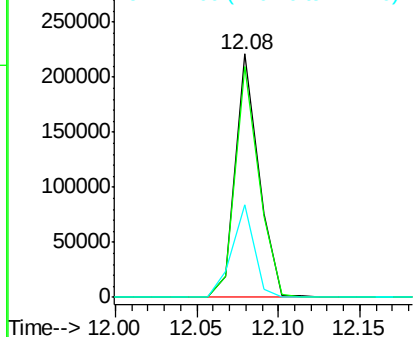
#41
 2,4,6-Tribromophenol
 Concen: 137.74 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFIELDBLANK-2-4-29-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	36.0	0.0	0.0#

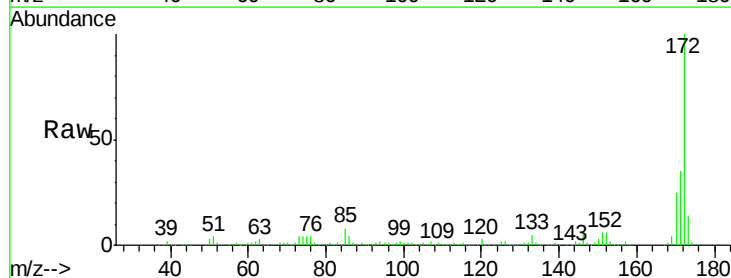


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

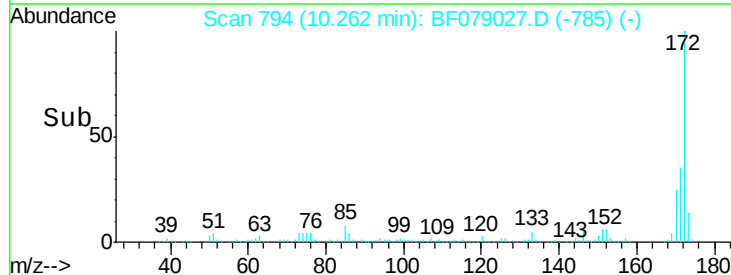
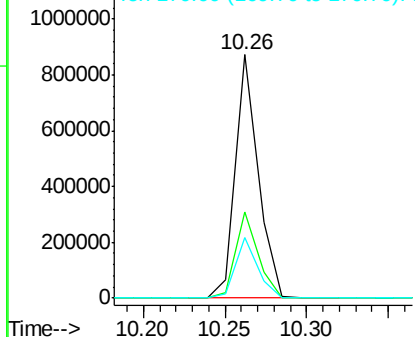


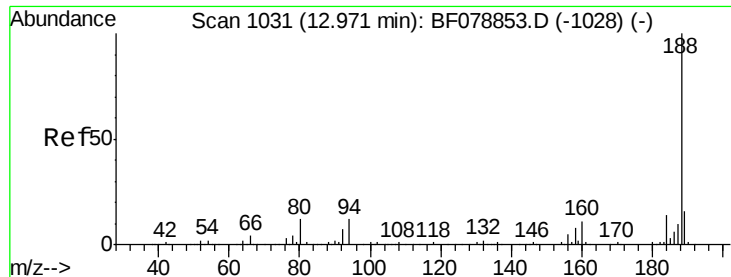
#44
 2-Fluorobiphenyl
 Concen: 78.95 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.6	19.4	29.0



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

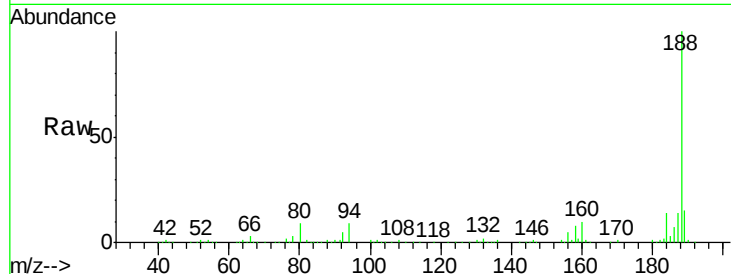




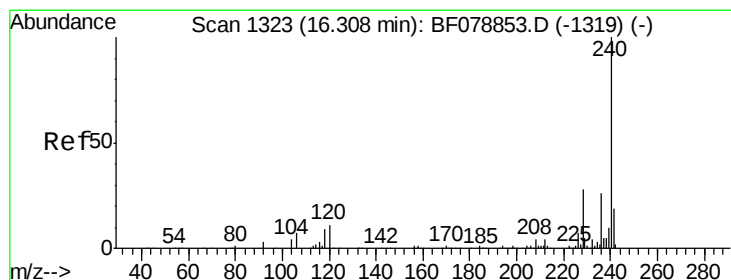
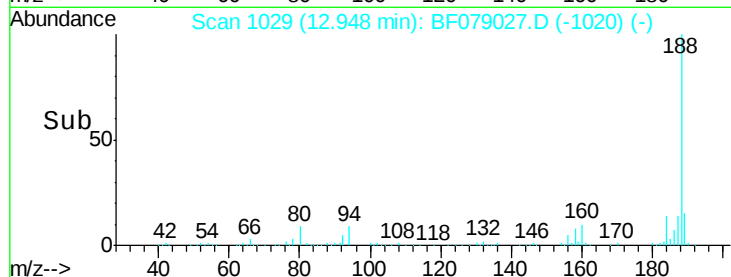
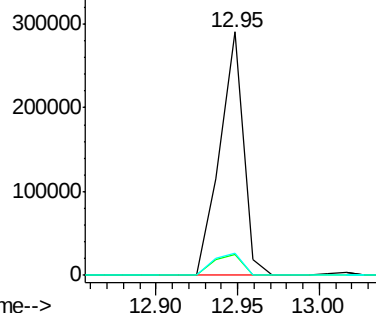
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079027.D
Acq: 8 May 2015 8:02

Instrument :
BNA_F
ClientSampleId :
GUNHILLFIELDBLANK-2-4-29-15

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	8.9	13.3

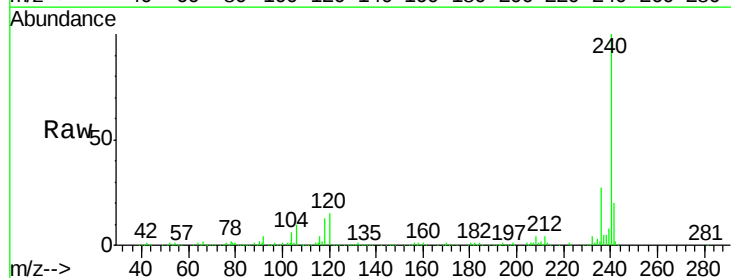


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

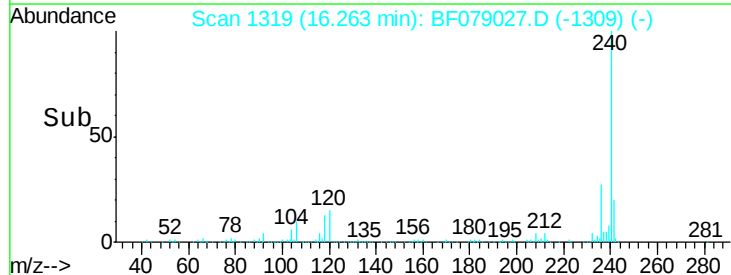
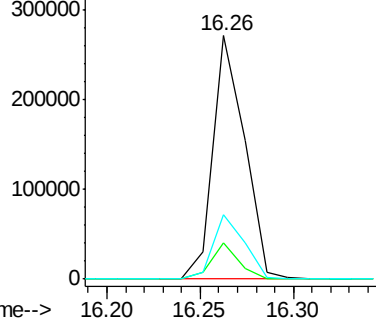


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF079027.D
Acq: 8 May 2015 8:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.7	14.5#
236	26.7	20.2	30.4



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

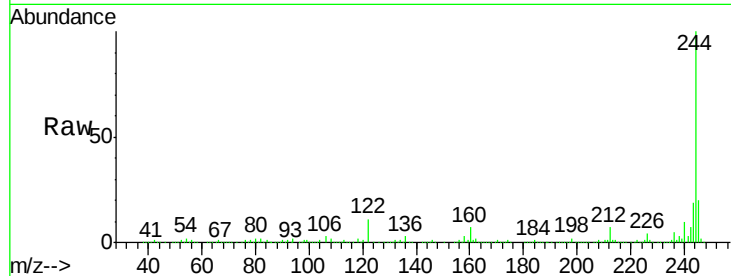




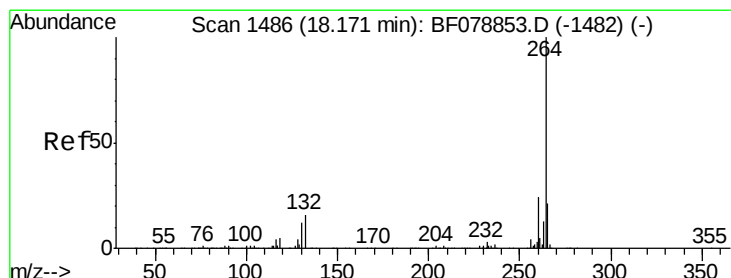
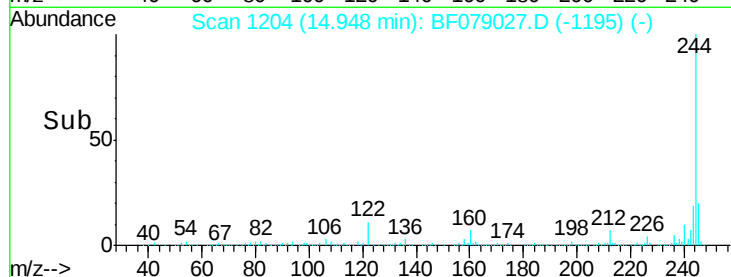
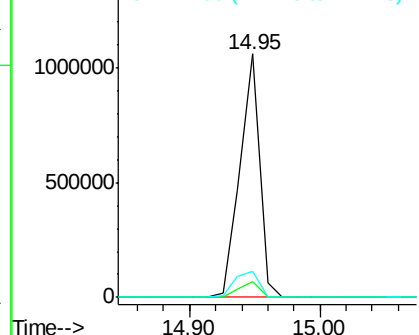
#78
 Terphenyl-d14
 Concen: 82.69 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Instrument :
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 GUNHILLFIELDBLANK-2-4-29-15

Tot Ion:244 Resp: 1105252
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.8 10.3 15.5

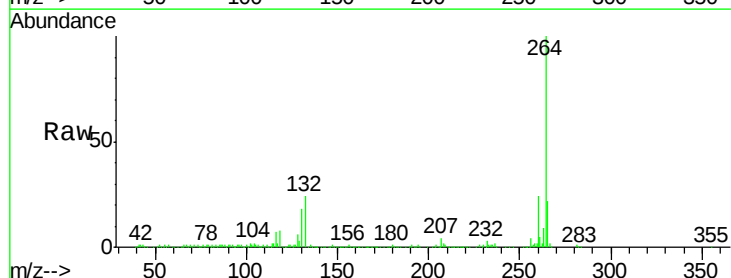


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. 0.10 min
 Lab File: BF079027.D
 Acq: 8 May 2015 8:02

Tgt Ion:264 Resp: 333803
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.6 18.3 27.5



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

