

Data Path : S:\HPCHEM1\BNA_G\DATA\BG010615\
 Data File : BG015860.D
 Acq On : 6 Jan 2015 14:40
 Operator : TP/IZ
 Sample : PB81183BL
 Misc : LOD/LOQ-WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81183BL

Quant Time: Jan 07 01:25:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:25:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32290	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	109048	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	84319	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	205928	20.00	ng	0.00
75) Chrysene-d12	21.30	240	295680	20.00	ng	0.00
86) Perylene-d12	23.56	264	287310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	230928	61.50	ng	0.00
7) Phenol-d6	6.91	99	317268	60.67	ng	0.00
23) Nitrobenzene-d5	8.89	82	223497	40.21	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	194049	60.54	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	474783	40.22	ng	0.00
78) Terphenyl-d14	19.74	244	1102866	41.68	ng	0.00

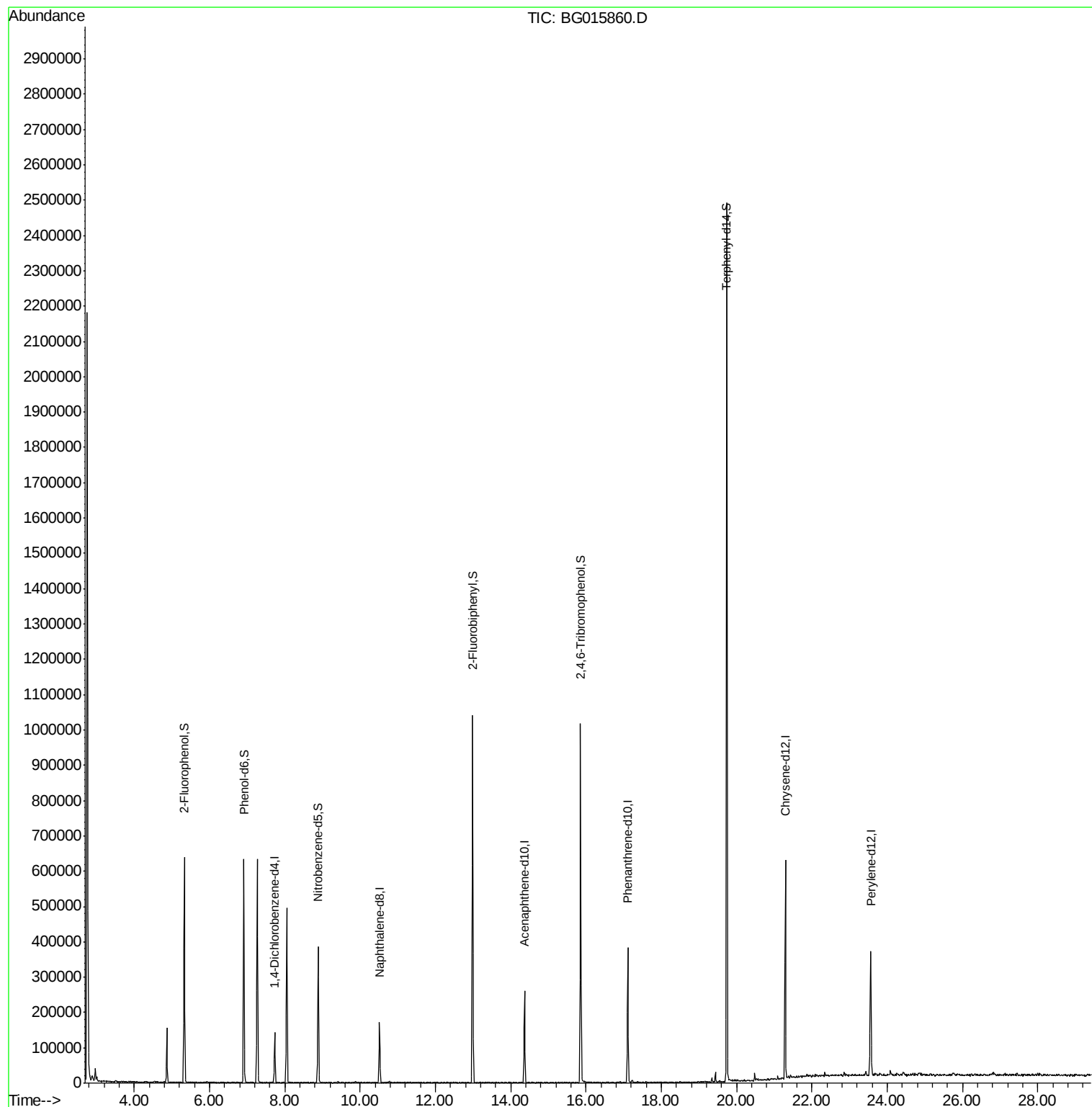
Target Compounds	Qvalue
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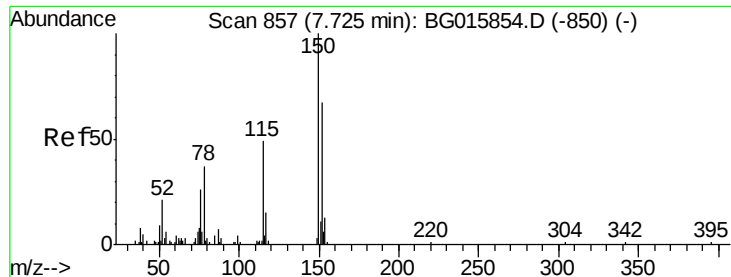
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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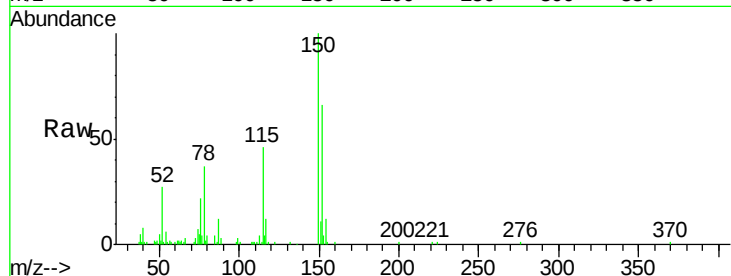


#1

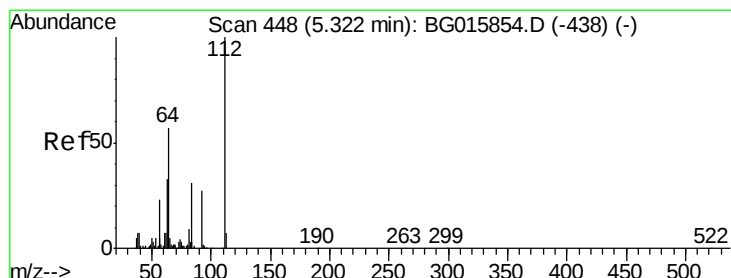
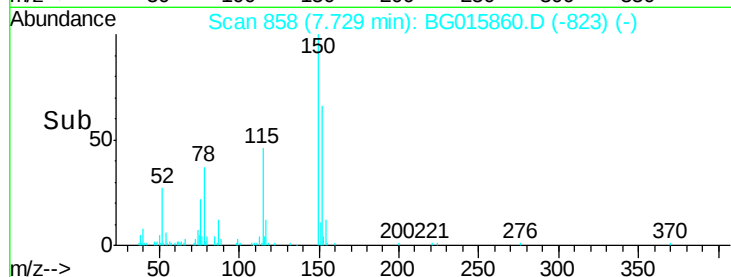
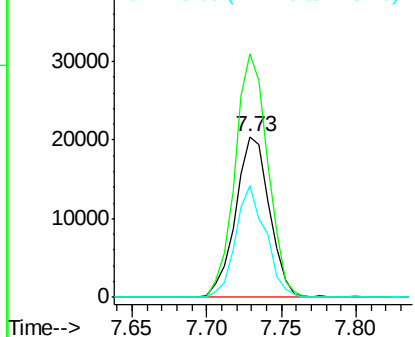
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015860.D
Acq: 6 Jan 2015 14:40

Instrument :
BNA_G
ClientSampleId :
PB81183BL

Tgt Ion:152 Resp: 32290
Ion Ratio Lower Upper
152 100
150 151.2 120.5 180.7
115 69.8 54.0 81.0



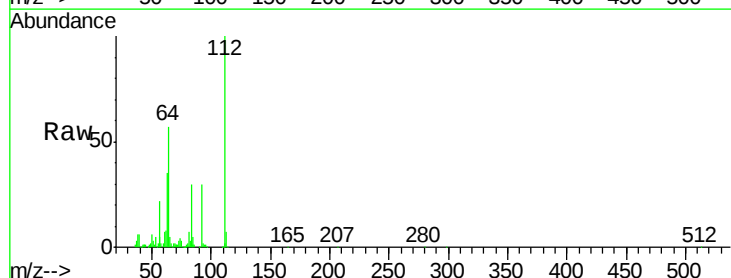
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



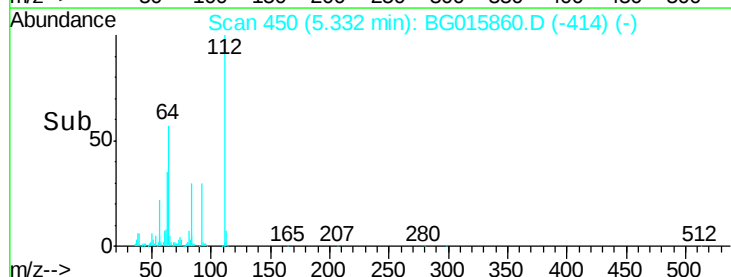
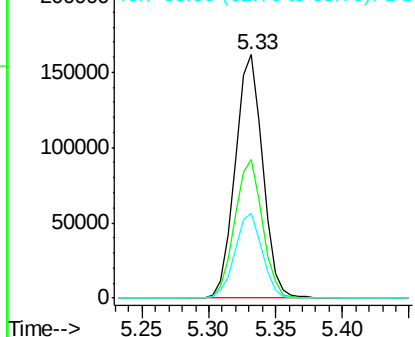
#5

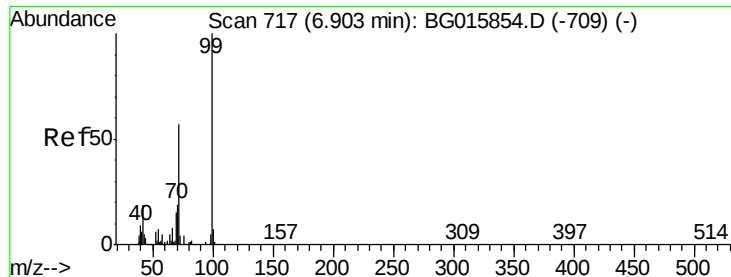
2-Fluorophenol
Concen: 61.50 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.01 min
Lab File: BG015860.D
Acq: 6 Jan 2015 14:40

Tgt Ion:112 Resp: 230928
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 35.0 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 60.67 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.01 min

Lab File: BG015860.D

Acq: 6 Jan 2015 14:40

Instrument :

BNA_G

ClientSampleId :

PB81183BL

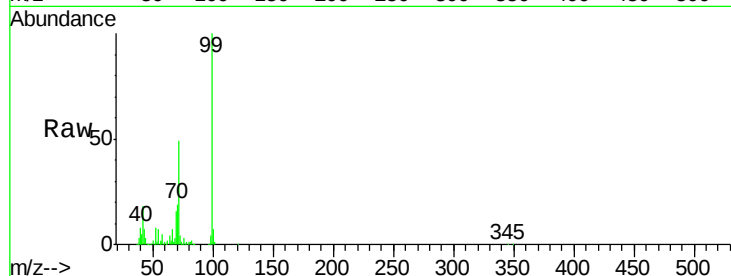
Tgt Ion: 99 Resp: 317268

Ion Ratio Lower Upper

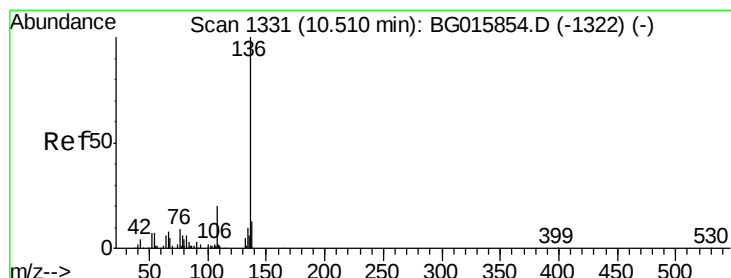
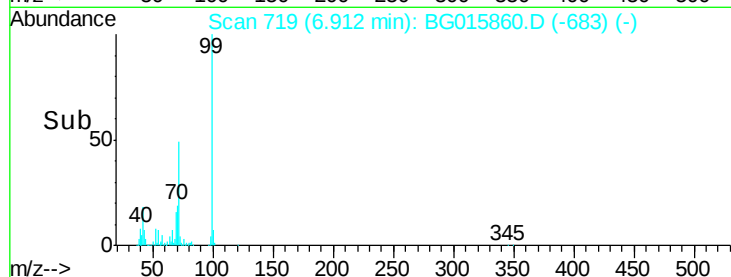
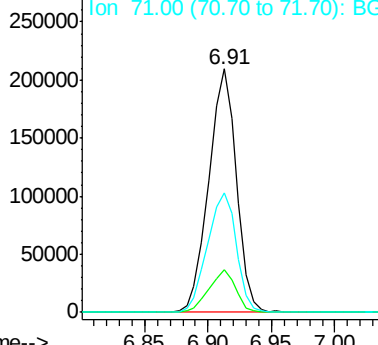
99 100

42 17.6 13.8 20.8

71 49.3 42.8 64.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BG015860.D

Acq: 6 Jan 2015 14:40

Tgt Ion: 136 Resp: 109048

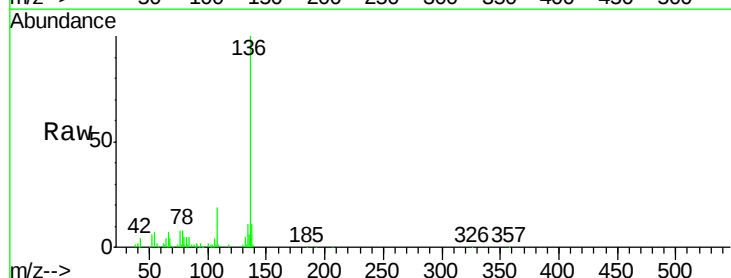
Ion Ratio Lower Upper

136 100

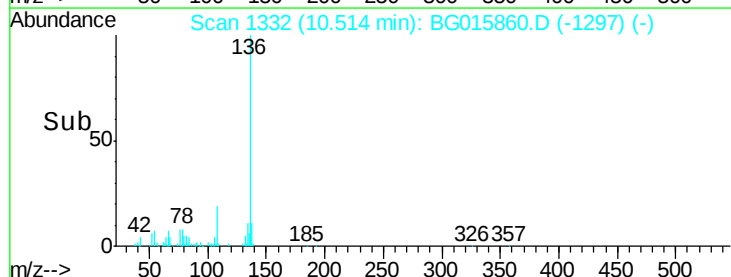
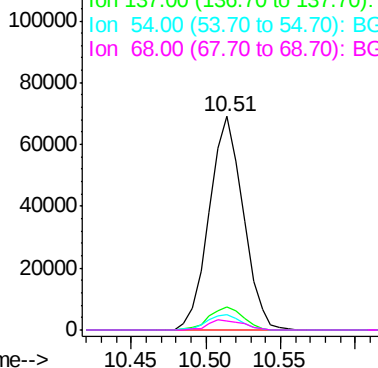
137 10.6 9.6 14.4

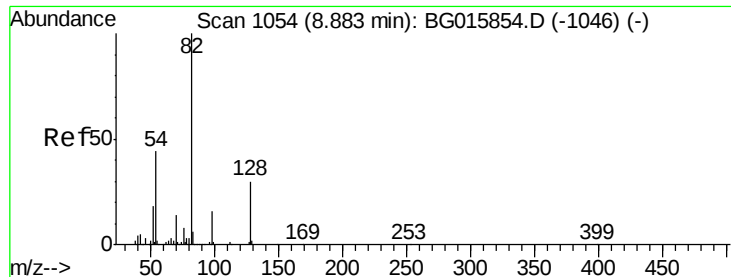
54 7.1 4.5 6.7#

68 4.2 5.0 7.4#



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

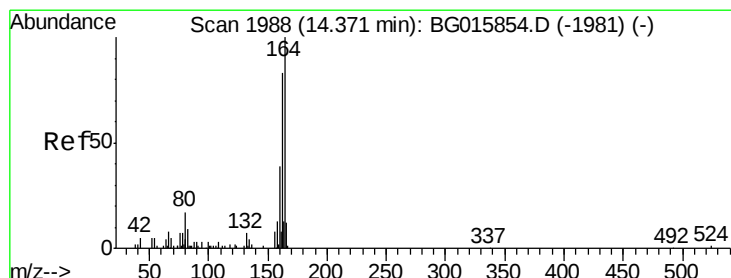
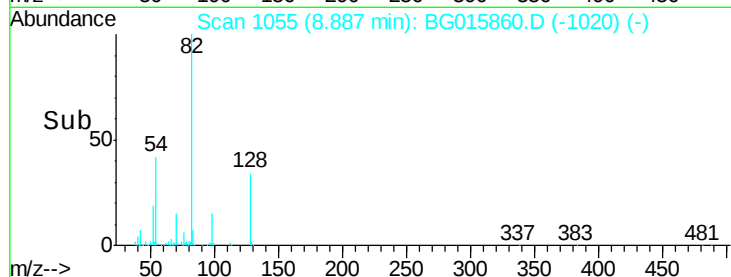
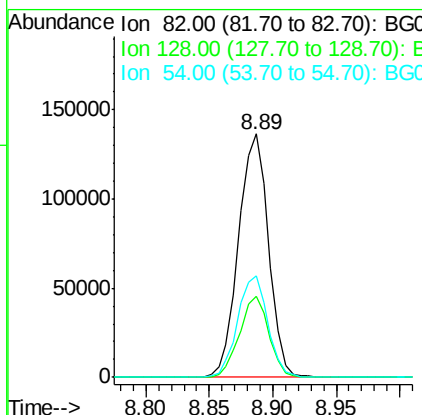
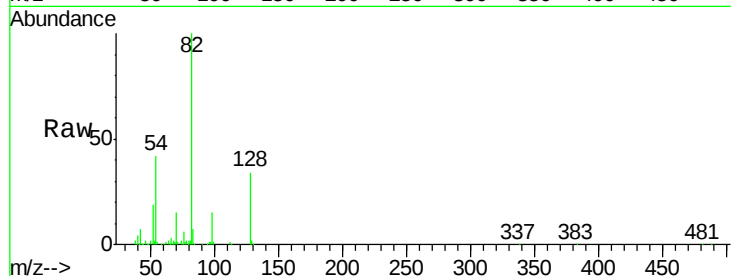




#23
 Nitrobenzene-d5
 Concen: 40.21 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015860.D
 Acq: 6 Jan 2015 14:40

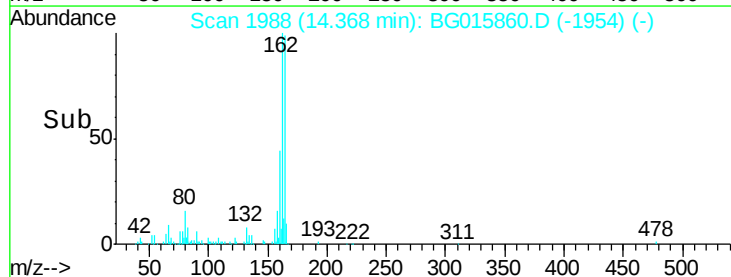
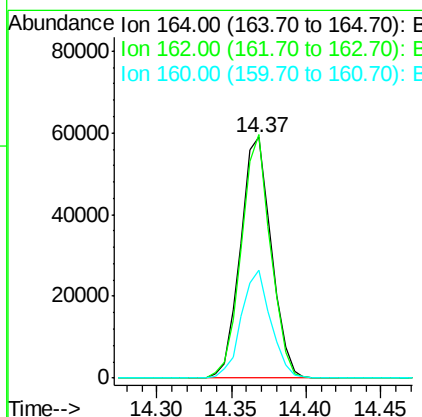
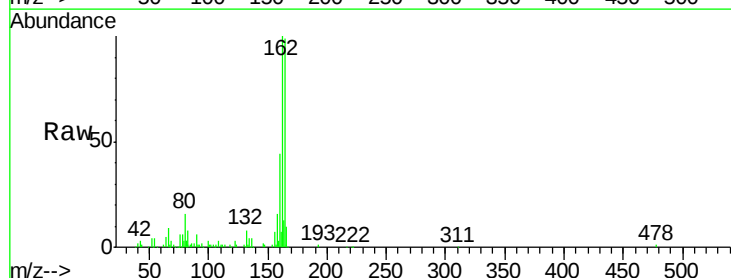
Instrument :
 BNA_G
 ClientSampleId :
 PB81183BL

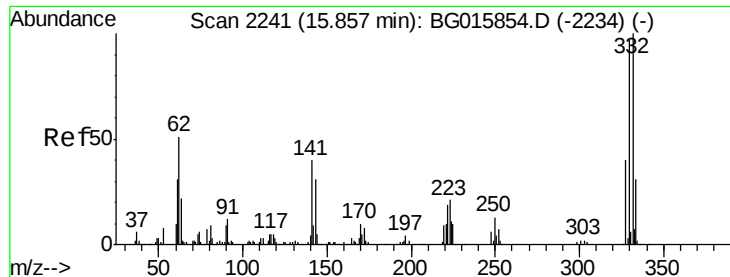
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	23.4	35.0
54	41.7	32.3	48.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG015860.D
 Acq: 6 Jan 2015 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	75.5	113.3
160	45.0	37.4	56.0





#41

2,4,6-Tribromophenol

Concen: 60.54 ng

RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG015860.D

Acq: 6 Jan 2015 14:40

Instrument :

BNA_G

ClientSampleId :

PB81183BL

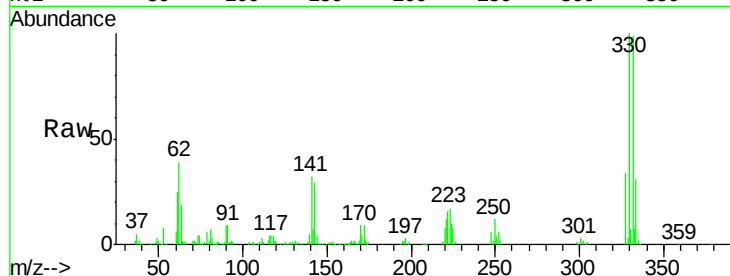
Tgt Ion:330 Resp: 194049

Ion Ratio Lower Upper

330 100

332 95.2 73.8 110.8

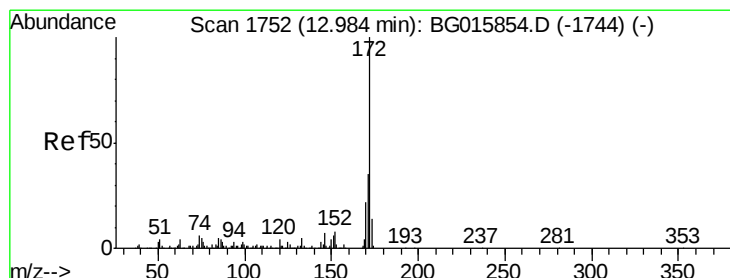
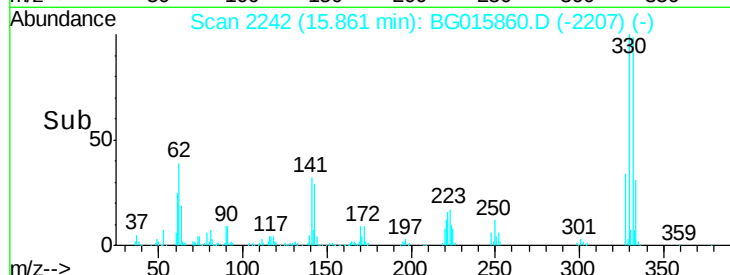
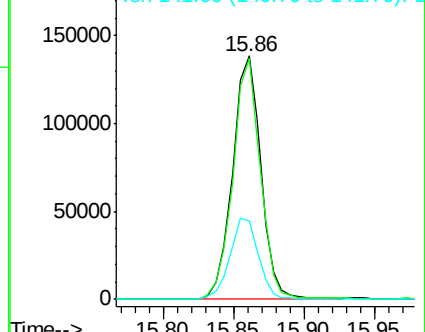
141 33.4 27.2 40.8



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: 40.22 ng

RT: 12.99 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BG015860.D

Acq: 6 Jan 2015 14:40

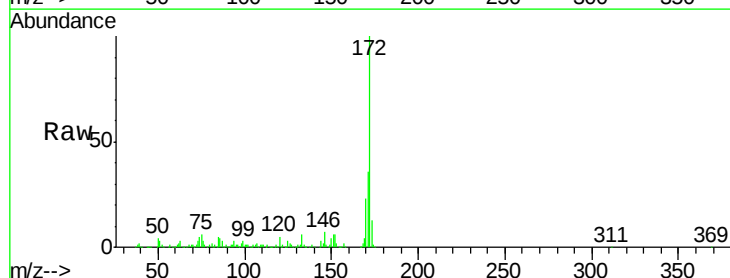
Tgt Ion:172 Resp: 474783

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

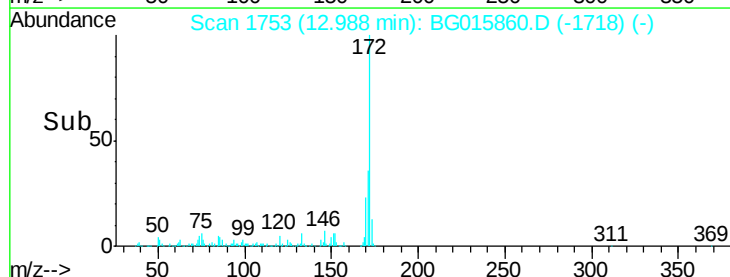
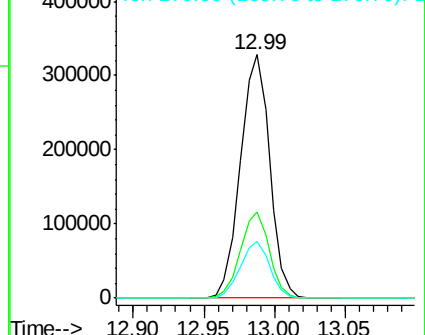
170 23.1 18.2 27.4

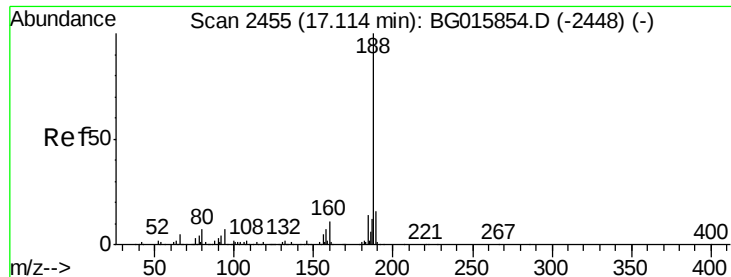


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

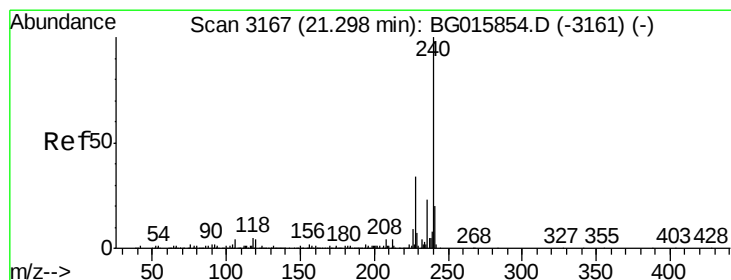
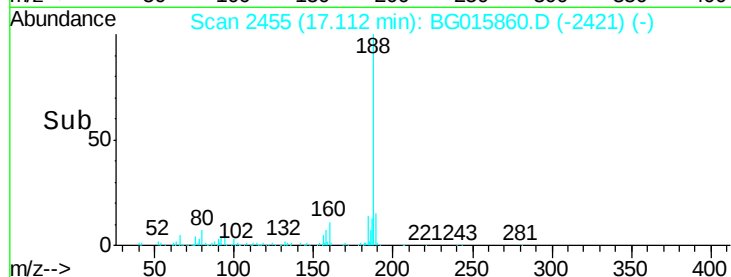
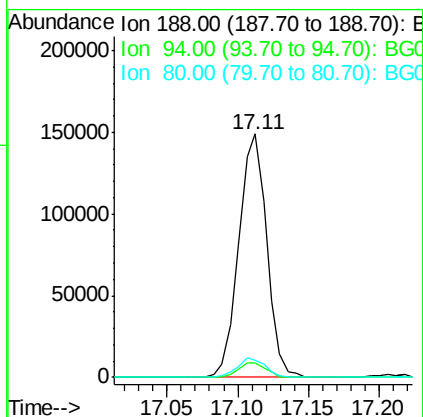
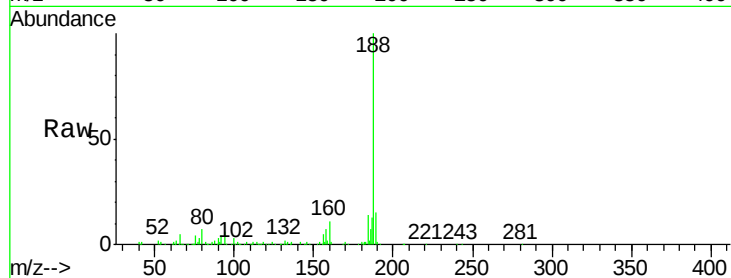




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG015860.D
Acq: 6 Jan 2015 14:40

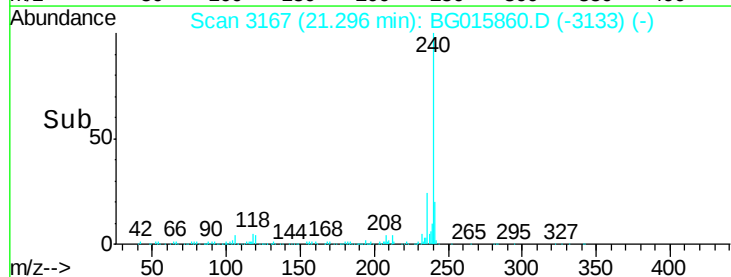
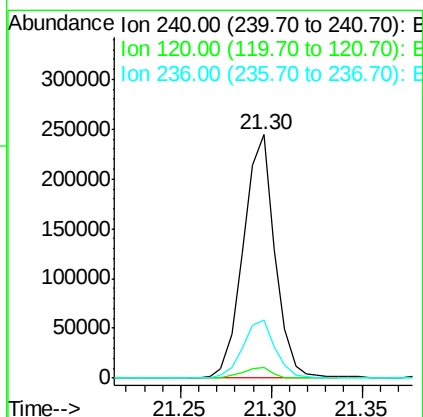
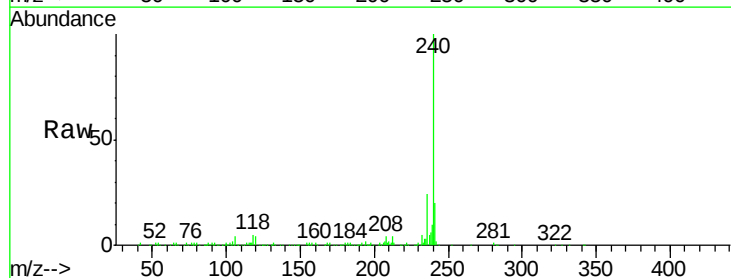
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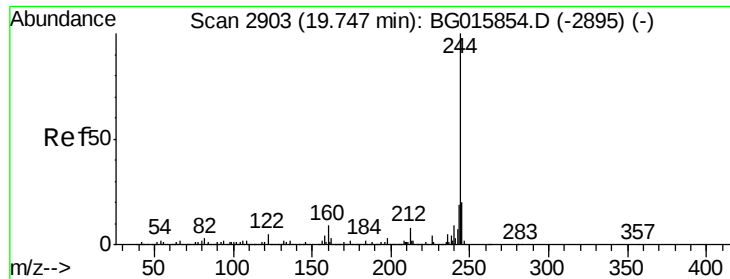
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.4	8.0
80	7.1	6.6	9.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG015860.D
Acq: 6 Jan 2015 14:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.4	5.2
236	23.8	19.0	28.6

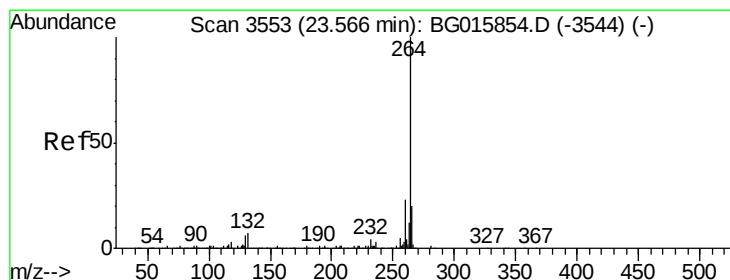
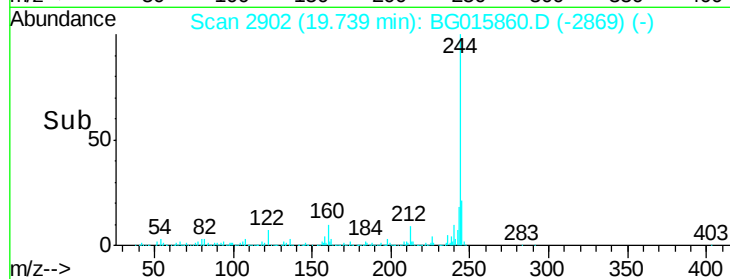
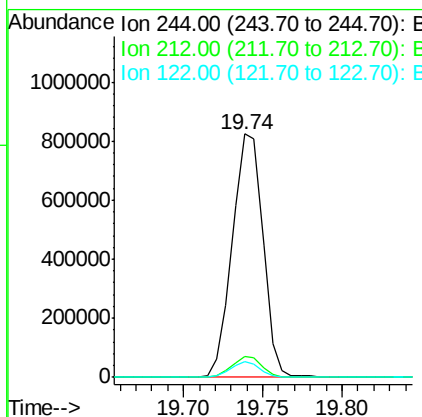
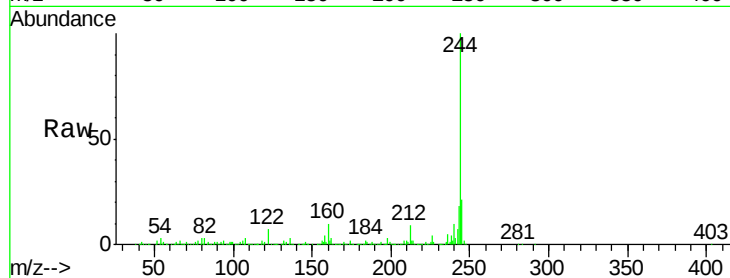




#78
 Terphenyl-d14
 Concen: 41.68 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG015860.D
 Acq: 6 Jan 2015 14:40

Instrument :
 BNA_G
 ClientSampleID :
 PB81183BL

Tgt Ion:244 Resp: 1102866
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 9.8
 122 6.6 4.7 7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG015860.D
 Acq: 6 Jan 2015 14:40

Tgt Ion:264 Resp: 287310
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.0 25.4
 265 20.0 17.4 26.0

