

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025952.D
 Acq On : 25 Feb 2017 4:19
 Operator : SJ/MA
 Sample : PB97153BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97153BL

Quant Time: Feb 25 04:59:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	78875	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	355962	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	244596	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	695426	20.00	ng	0.00
75) Chrysene-d12	21.66	240	766815	20.00	ng	-0.02
86) Perylene-d12	24.87	264	742344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	449653	99.25	ng	0.00
7) Phenol-d6	7.23	99	624645	93.17	ng	0.00
23) Nitrobenzene-d5	9.24	82	487580	86.44	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	296386	131.16	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1355467	96.83	ng	0.00
78) Terphenyl-d14	20.01	244	2353195	74.64	ng	0.00

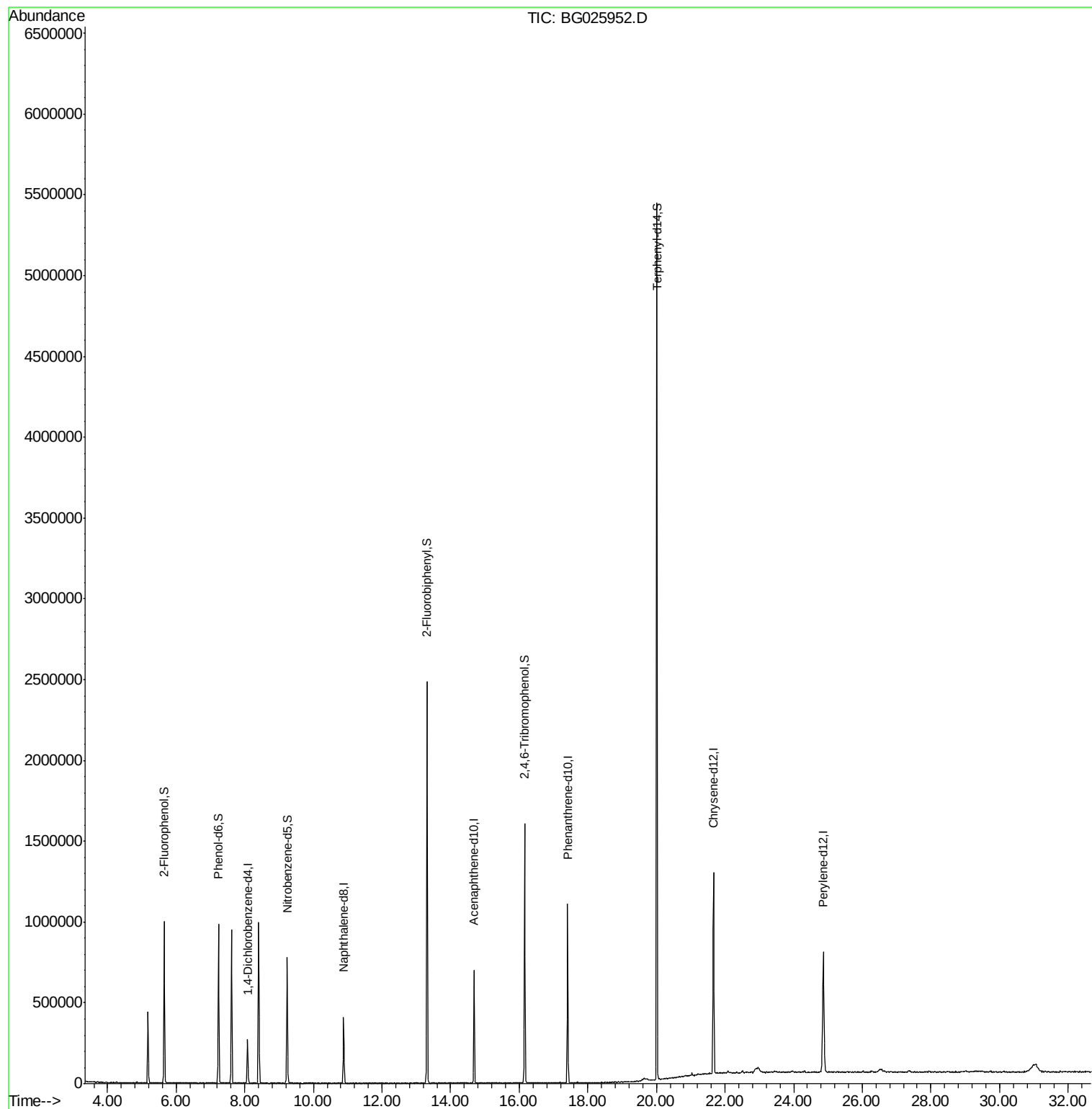
Target Compounds	Qvalue
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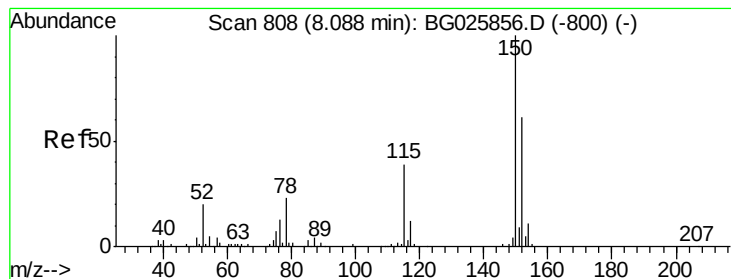
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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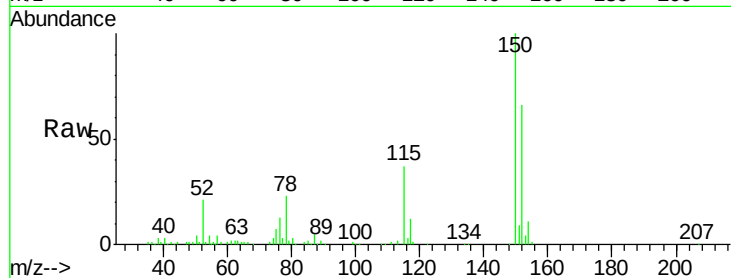
Tgt Ion:152 Resp: 78875

Ion Ratio Lower Upper

152 100

150 151.5 114.0 171.0

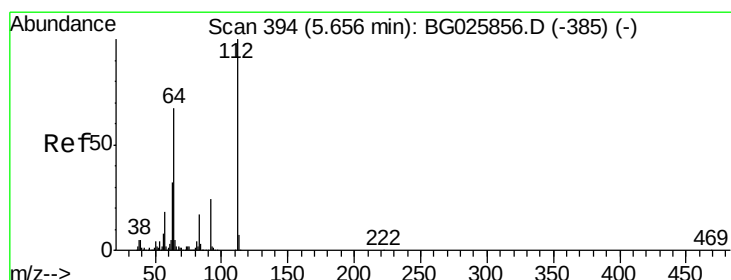
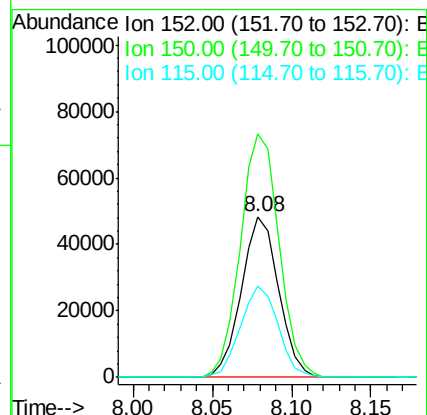
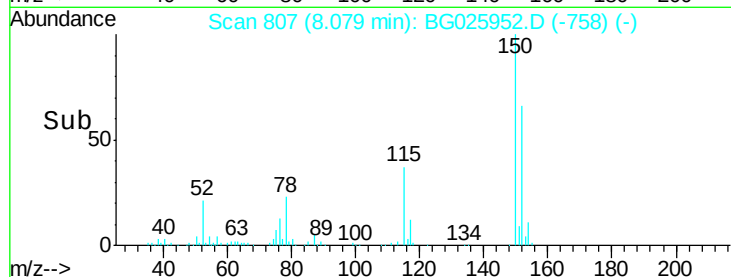
115 56.7 48.1 72.1



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: 99.25 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025952.D

Acq: 25 Feb 2017 4:19

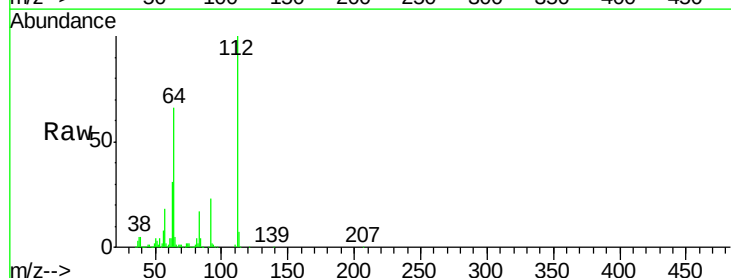
Tgt Ion:112 Resp: 449653

Ion Ratio Lower Upper

112 100

64 65.8 61.8 92.6

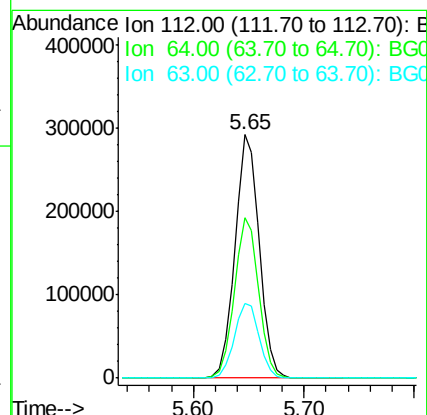
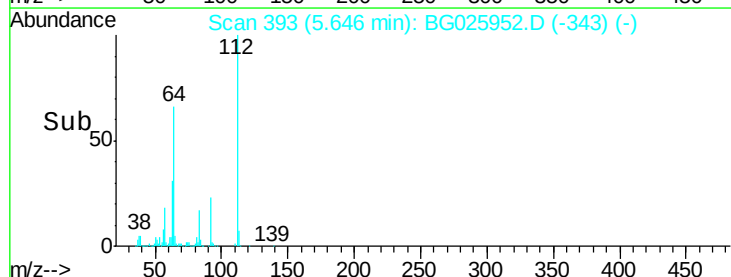
63 30.9 37.2 55.8#

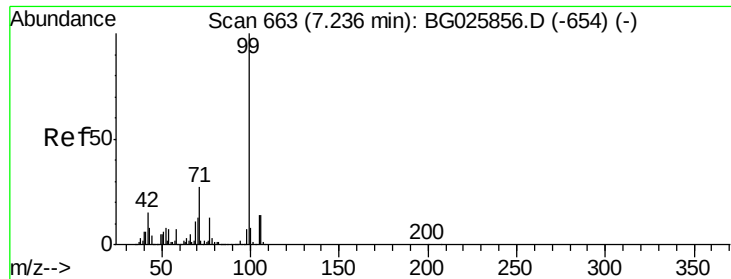


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.17 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025952.D

Acq: 25 Feb 2017 4:19

Instrument :

BNA_G

ClientSampleId :

PB97153BL

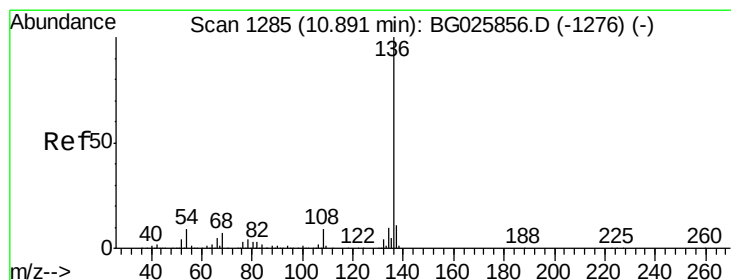
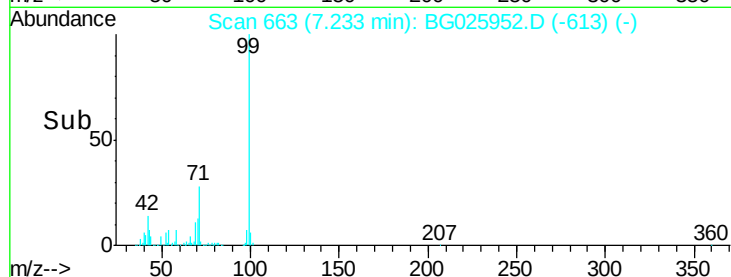
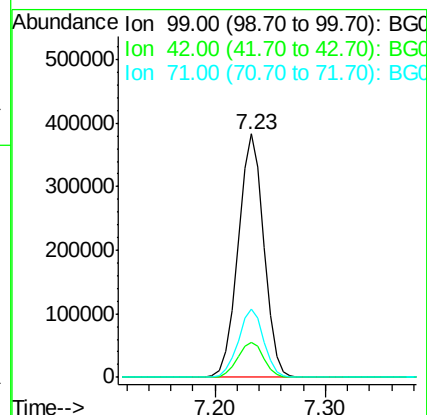
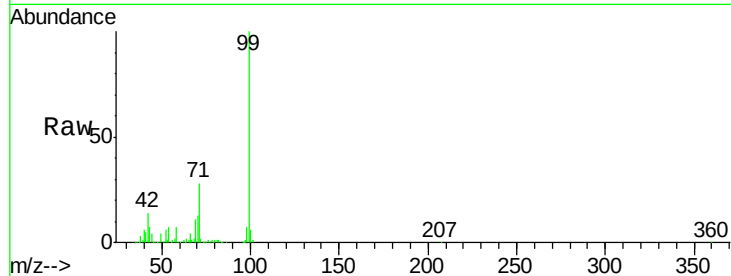
Tgt Ion: 99 Resp: 624645

Ion Ratio Lower Upper

99 100

42 14.1 20.5 30.7#

71 27.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG025952.D

Acq: 25 Feb 2017 4:19

Tgt Ion: 136 Resp: 355962

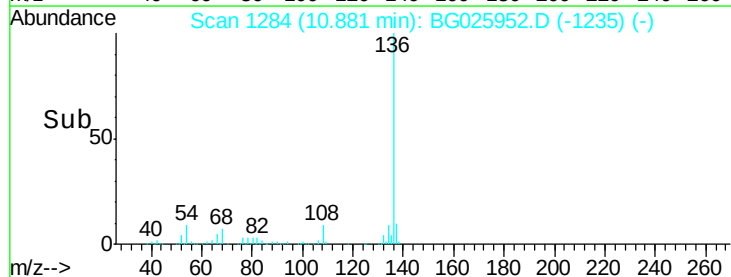
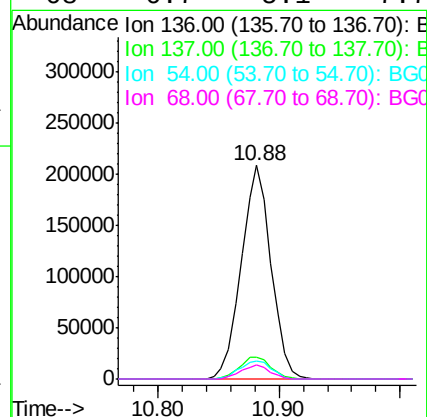
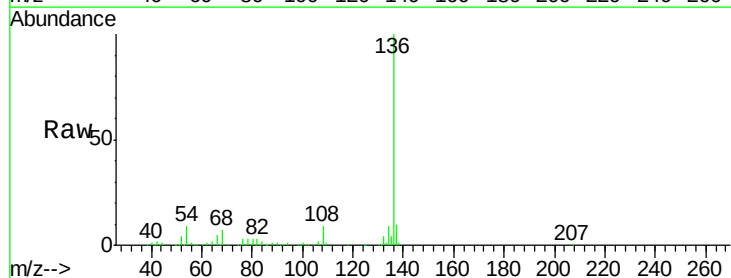
Ion Ratio Lower Upper

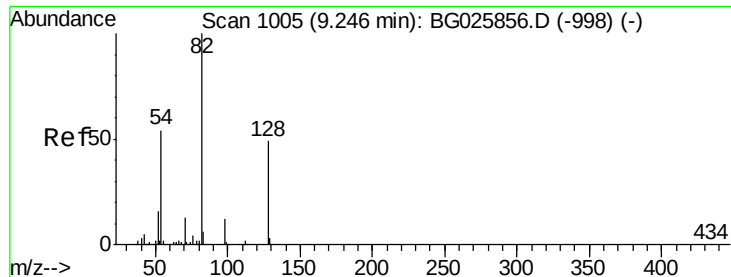
136 100

137 10.4 8.9 13.3

54 8.7 9.3 13.9#

68 6.7 5.1 7.7

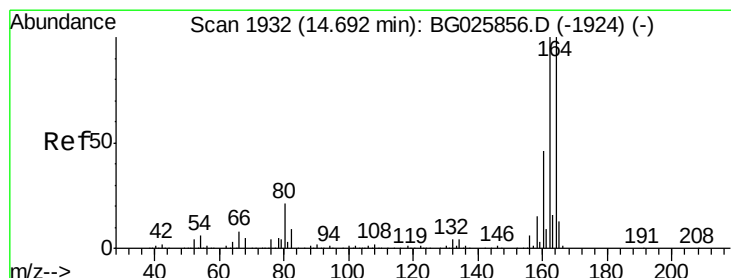
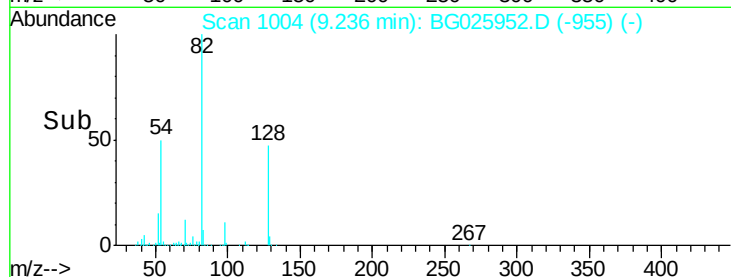
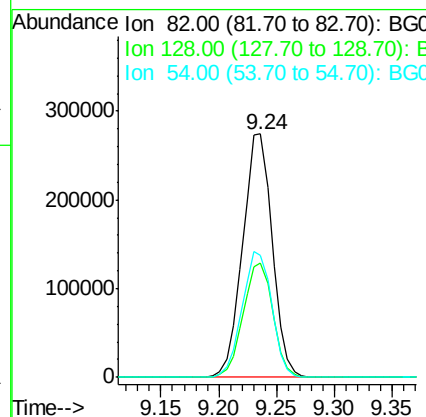
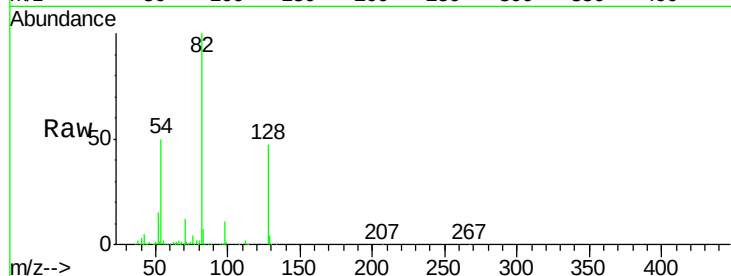




#23
 Nitrobenzene-d5
 Concen: 86.44 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025952.D
 Acq: 25 Feb 2017 4:19

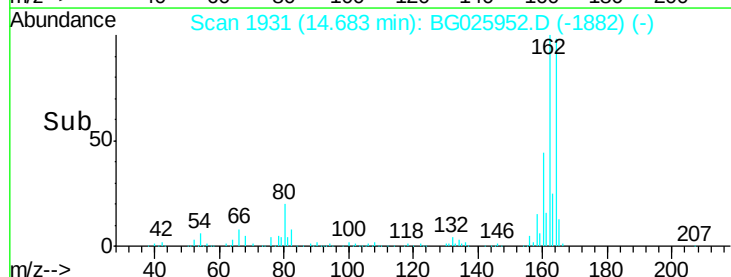
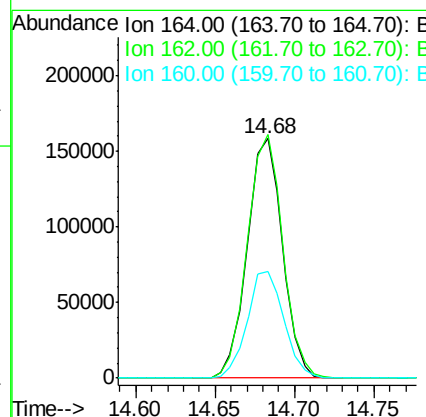
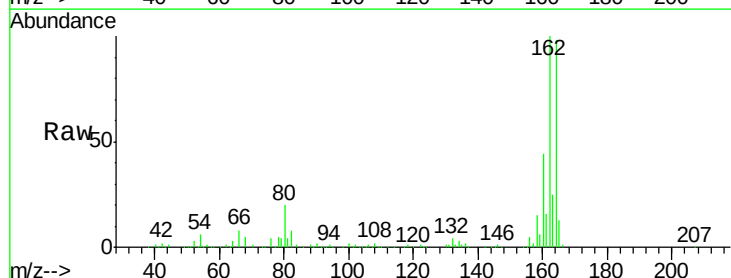
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BL

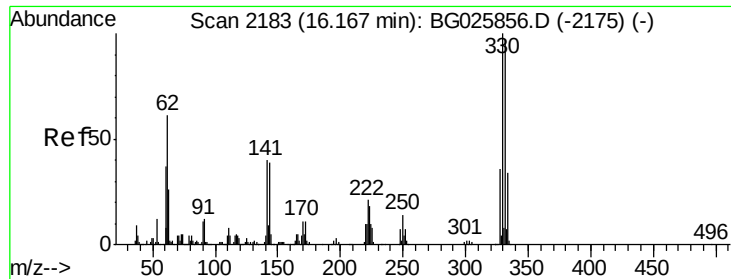
Tgt Ion: 82 Resp: 487580
 Ion Ratio Lower Upper
 82 100
 128 47.0 26.4 39.6#
 54 50.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025952.D
 Acq: 25 Feb 2017 4:19

Tgt Ion: 164 Resp: 244596
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 44.8 34.7 52.1

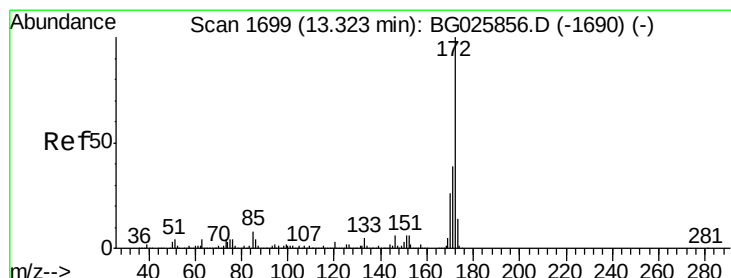
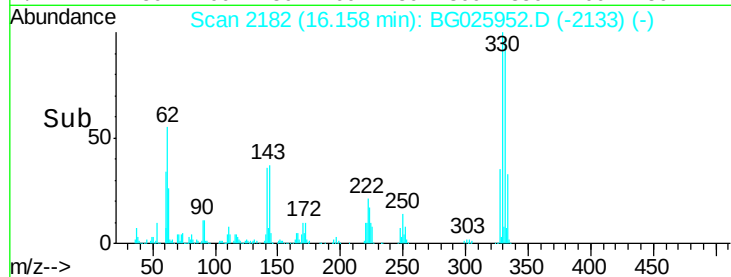
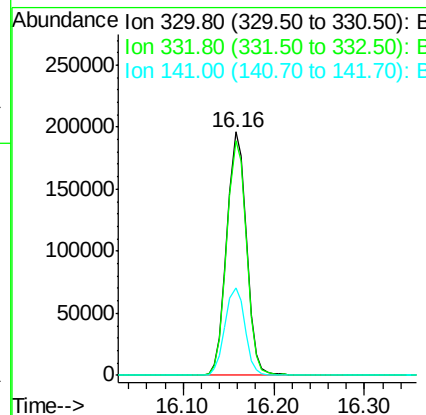
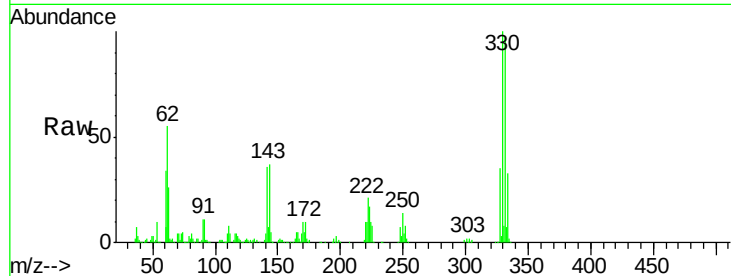




#41
 2,4,6-Tribromophenol
 Concen: 131.16 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025952.D
 Acq: 25 Feb 2017 4:19

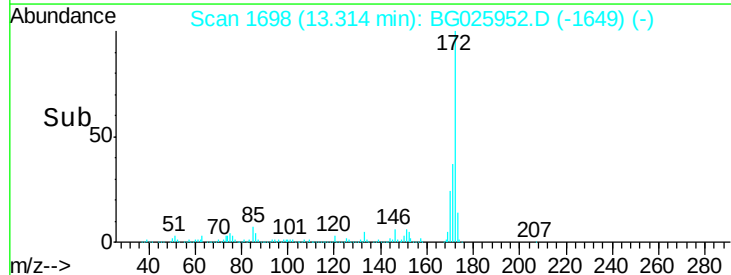
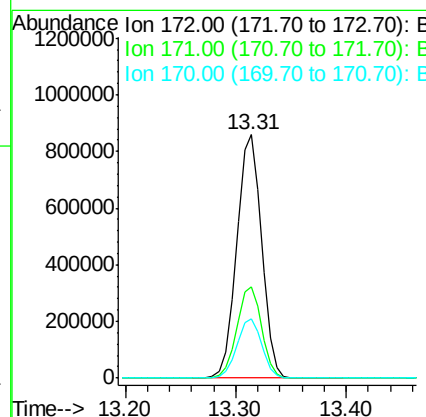
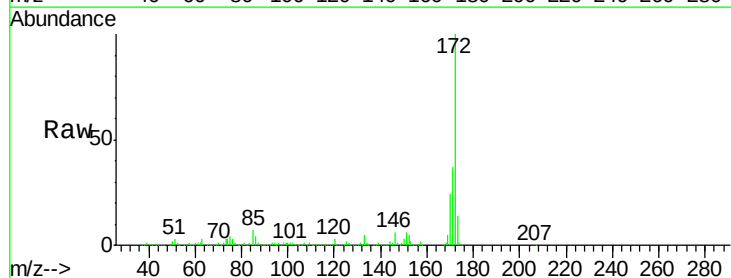
Instrument :
 BNA_G
 ClientSampleId :
 PB97153BL

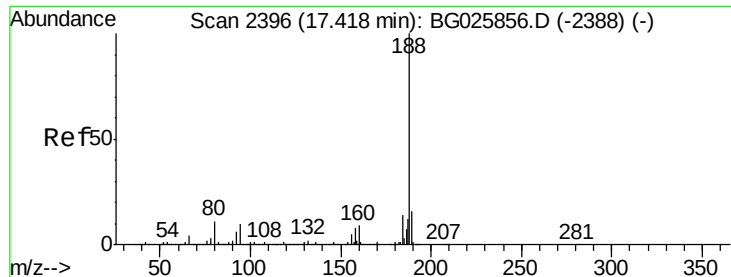
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	36.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 96.83 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025952.D
 Acq: 25 Feb 2017 4:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.5	21.8	32.6

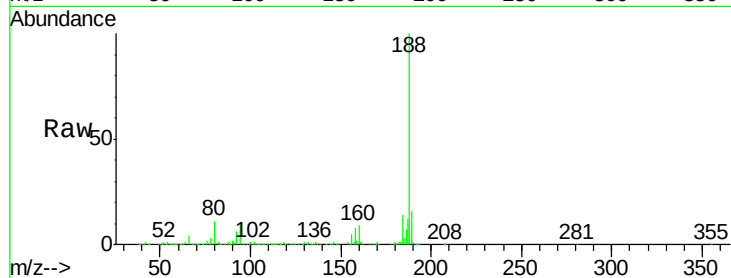




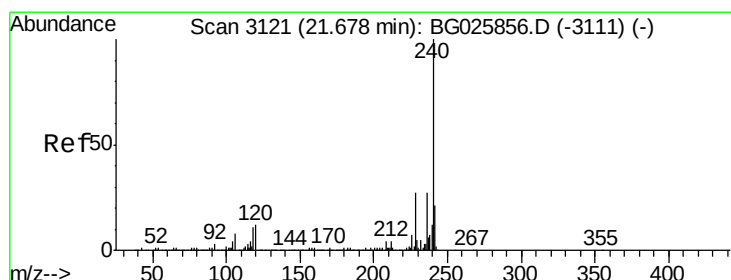
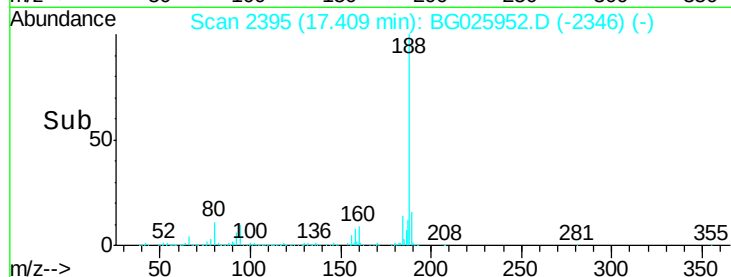
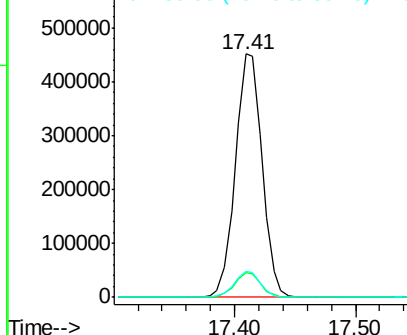
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025952.D
Acq: 25 Feb 2017 4:19

Instrument :
BNA_G
ClientSampleId :
PB97153BL

Tgt Ion:188 Resp: 695426
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 10.7 7.5 11.3

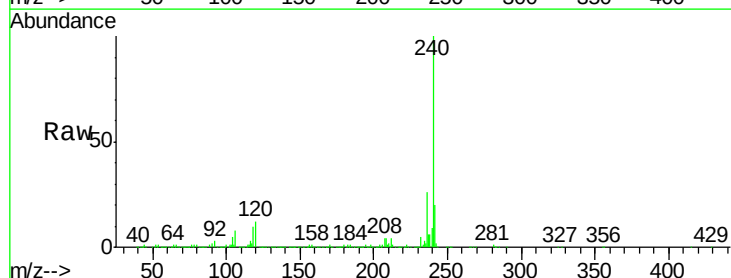


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

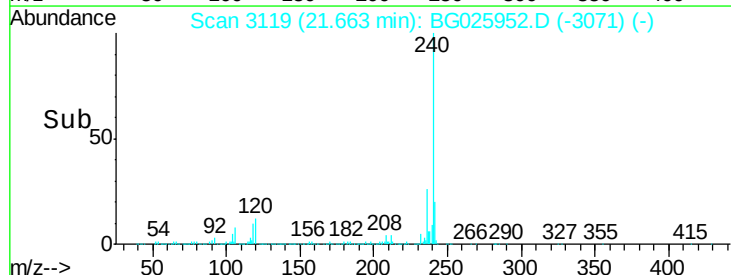
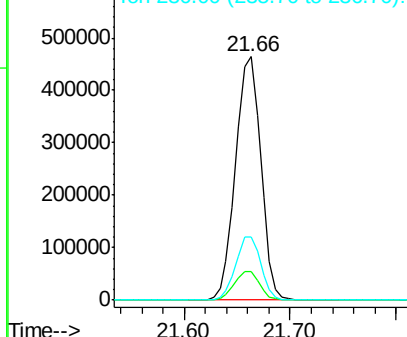


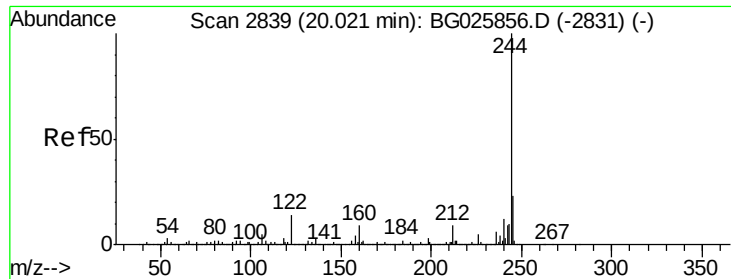
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG025952.D
Acq: 25 Feb 2017 4:19

Tgt Ion:240 Resp: 766815
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 25.7 22.2 33.4



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: 74.64 ng

RT: 20.01 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG025952.D

Acq: 25 Feb 2017 4:19

Instrument :

BNA_G

ClientSampleId :

PB97153BL

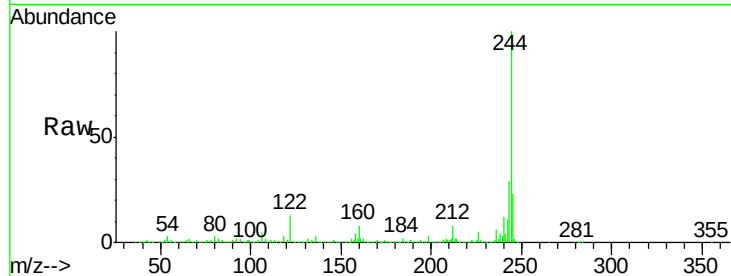
Tgt Ion:244 Resp: 2353195

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

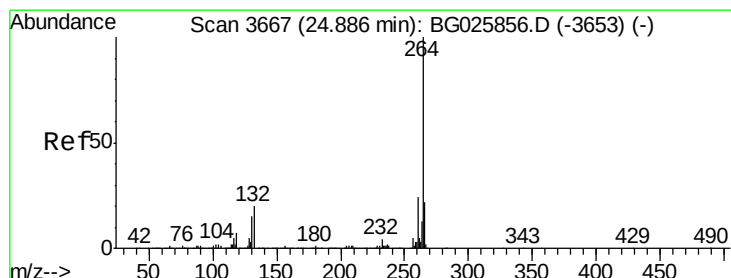
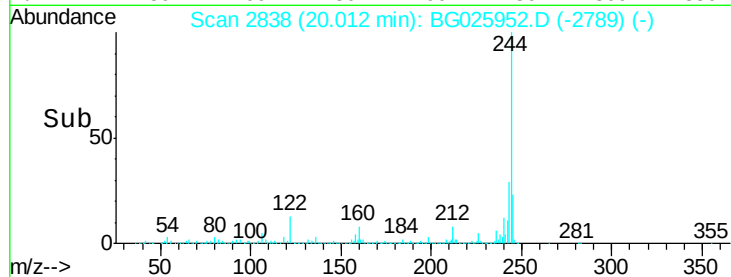
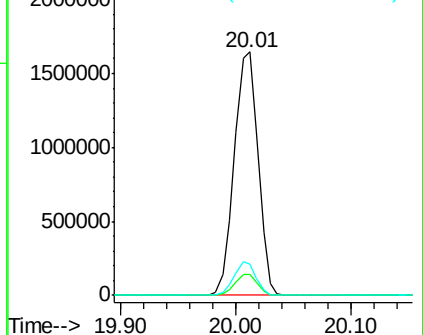
122 12.8 8.6 12.8



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: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025952.D

Acq: 25 Feb 2017 4:19

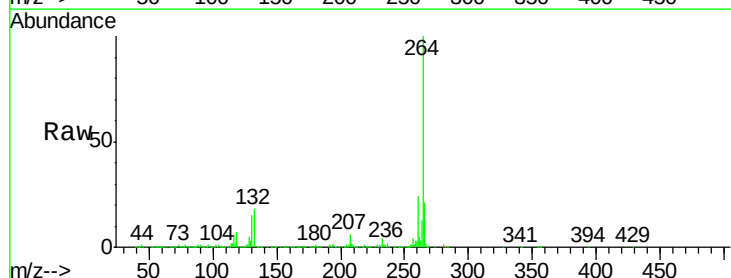
Tgt Ion:264 Resp: 742344

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 20.6 18.2 27.4



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

