

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025940.D
 Acq On : 24 Feb 2017 20:19
 Operator : SJ/MA
 Sample : I1957-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB20170222

Quant Time: Feb 24 22:41:34 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	87942	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	394623	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	265676	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	747388	20.00	ng	0.00
75) Chrysene-d12	21.66	240	817814	20.00	ng	-0.02
86) Perylene-d12	24.87	264	795513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	343151	67.93	ng	0.00
7) Phenol-d6	7.23	99	290508	38.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	628117	100.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	548970	223.65	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1726678	113.56	ng	-0.01
78) Terphenyl-d14	20.01	244	2888478	85.90	ng	-0.01

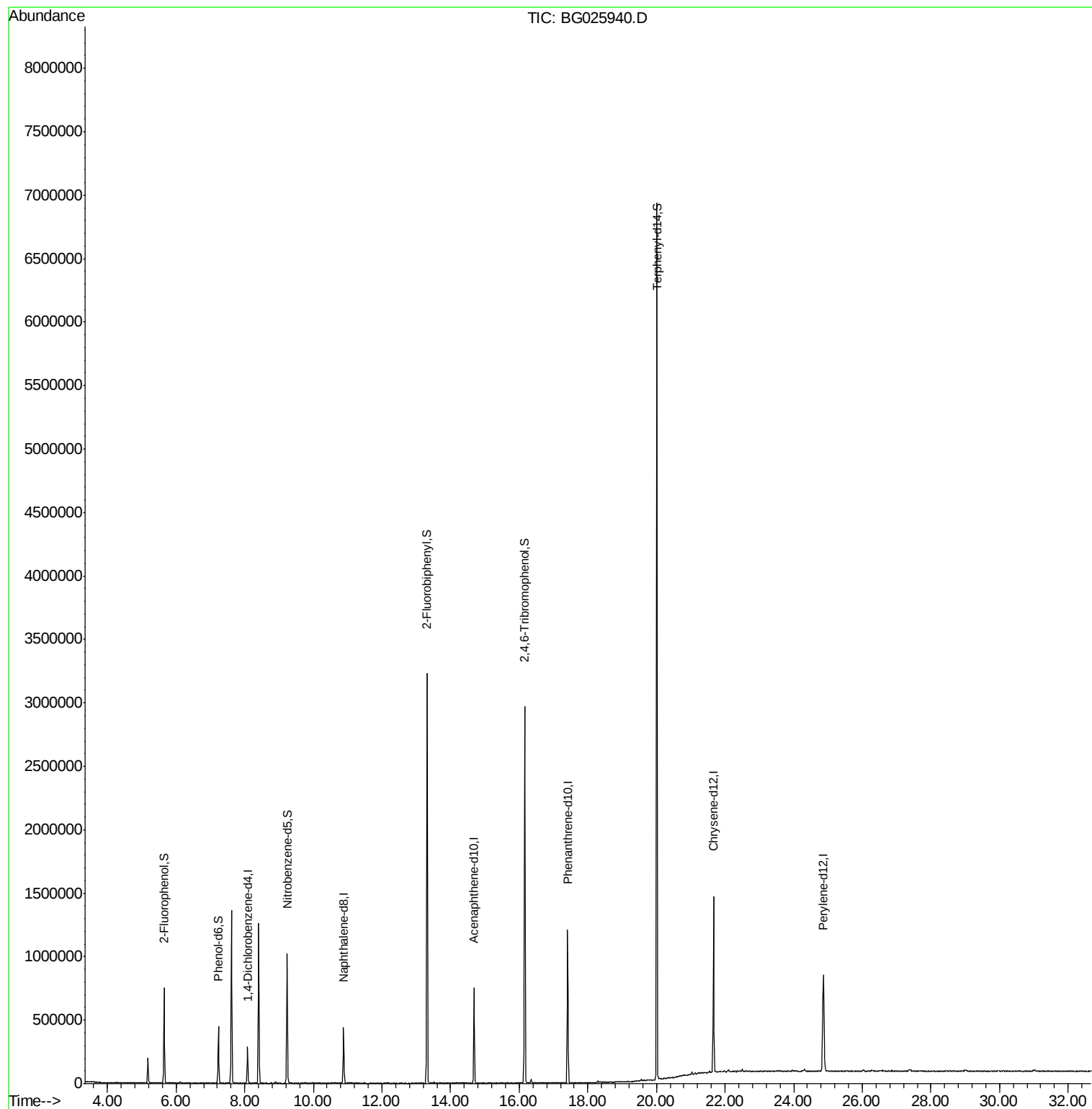
Target Compounds	Qvalue
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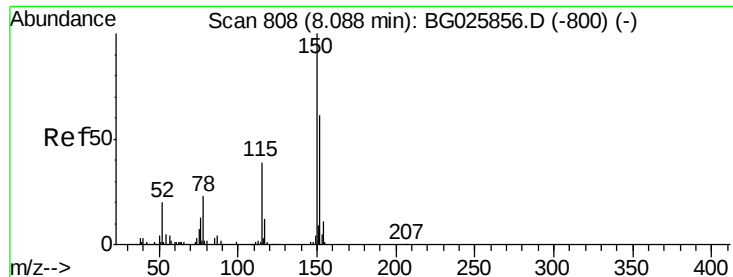
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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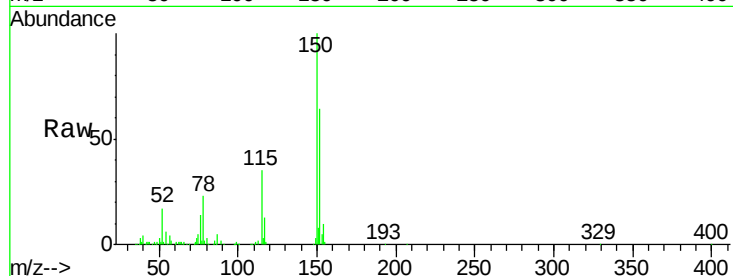


#1

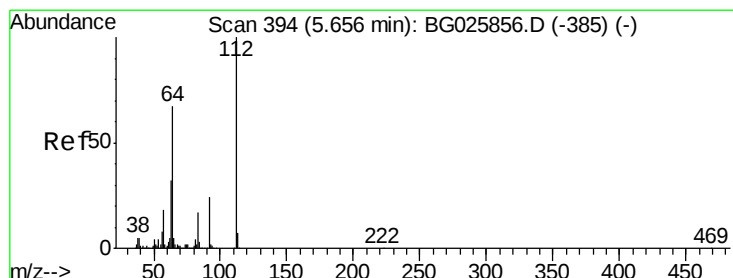
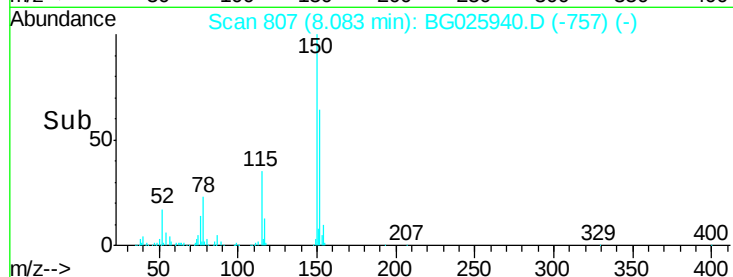
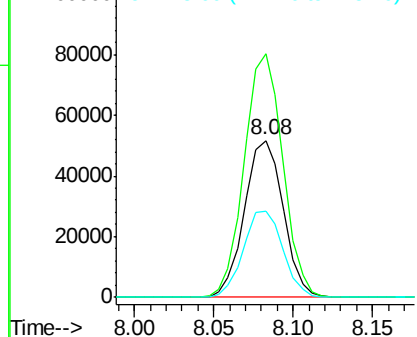
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025940.D
Acq: 24 Feb 2017 20:19

Instrument :
BNA_G
ClientSampleId :
FB20170222

Tgt Ion:152 Resp: 87942
Ion Ratio Lower Upper
152 100
150 155.3 114.0 171.0
115 54.8 48.1 72.1



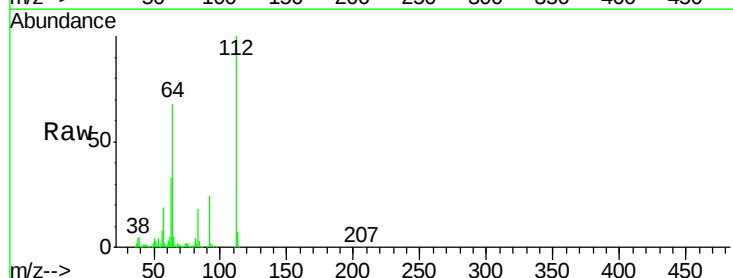
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



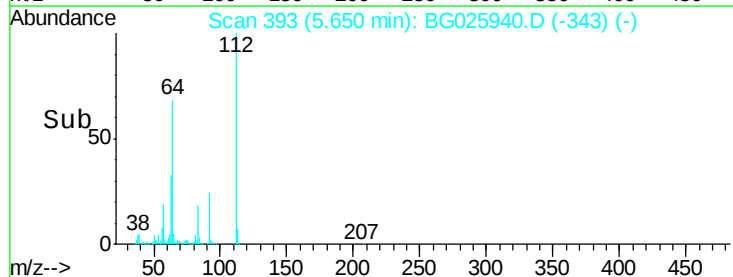
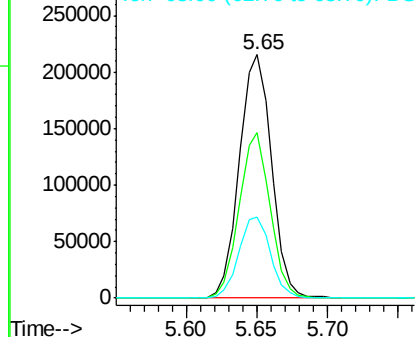
#5

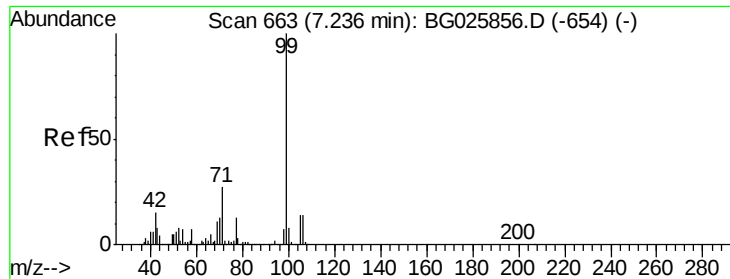
2-Fluorophenol
Concen: 67.93 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG025940.D
Acq: 24 Feb 2017 20:19

Tgt Ion:112 Resp: 343151
Ion Ratio Lower Upper
112 100
64 67.8 61.8 92.6
63 33.5 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: 38.87 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025940.D

Acq: 24 Feb 2017 20:19

Instrument :

BNA_G

ClientSampleId :

FB20170222

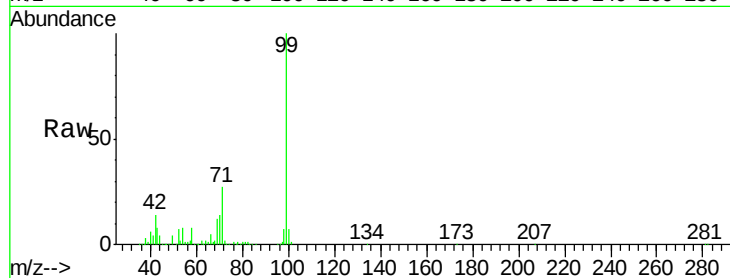
Tgt Ion: 99 Resp: 290508

Ion Ratio Lower Upper

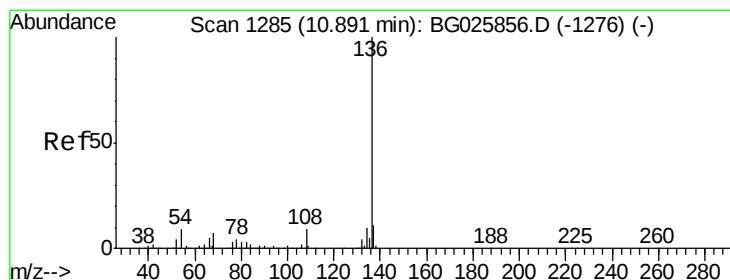
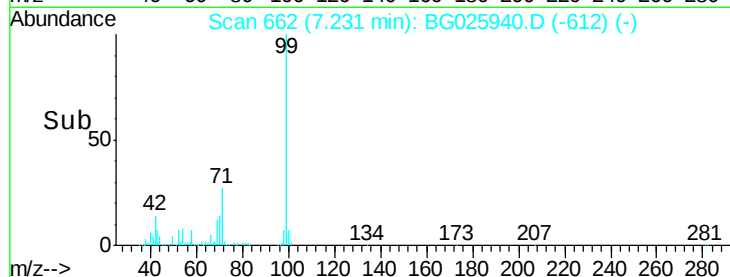
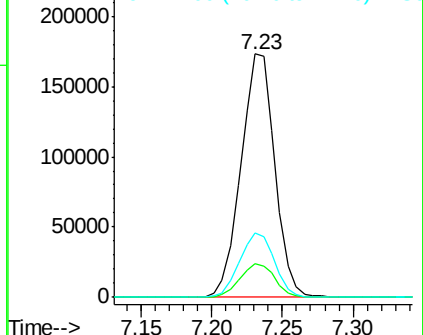
99 100

42 14.0 20.5 30.7#

71 26.7 37.6 56.4#



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: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025940.D

Acq: 24 Feb 2017 20:19

Tgt Ion: 136 Resp: 394623

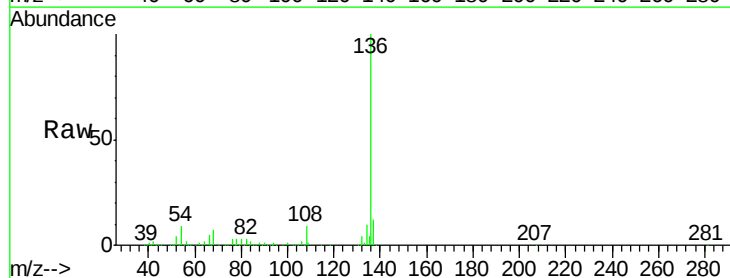
Ion Ratio Lower Upper

136 100

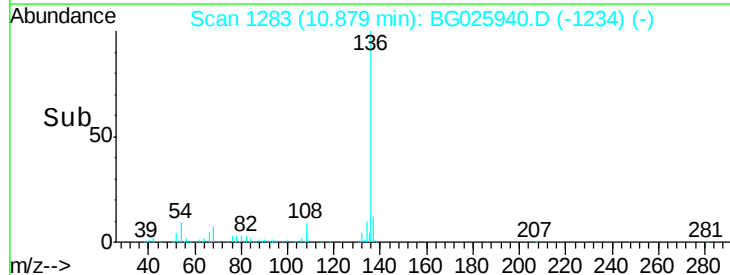
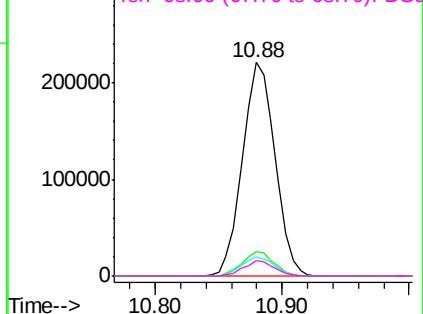
137 11.5 8.9 13.3

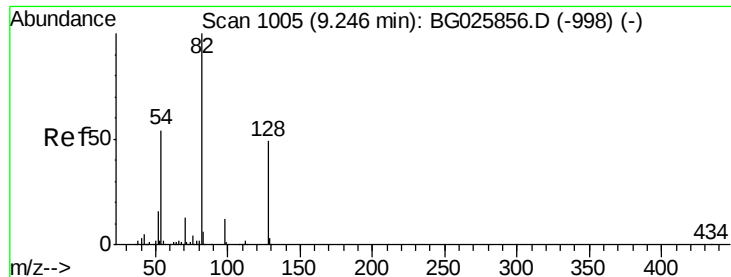
54 8.7 9.3 13.9#

68 7.2 5.1 7.7



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

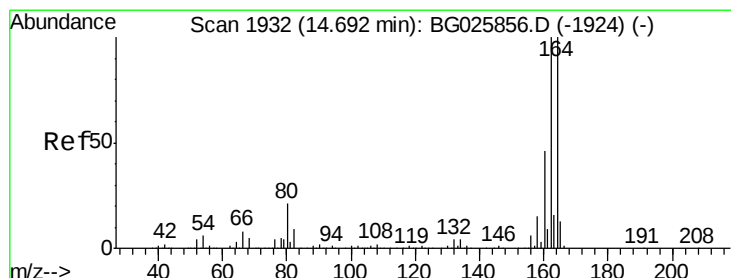
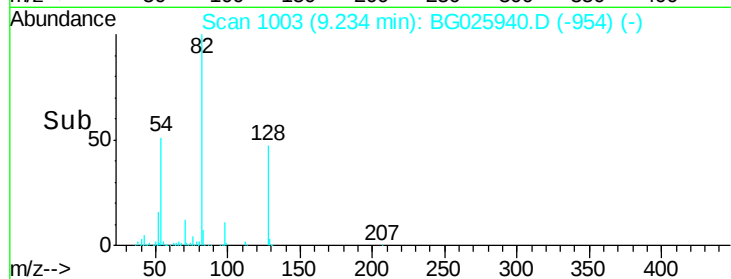
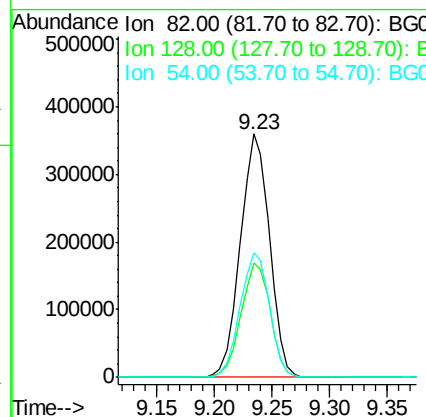
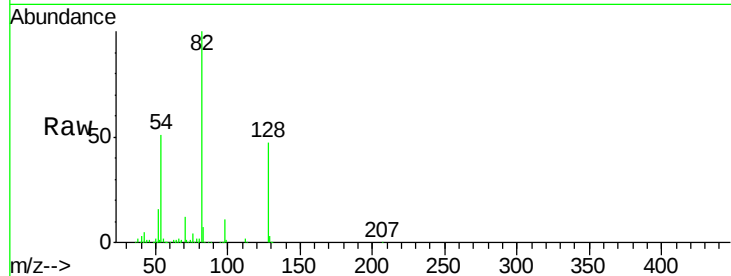




#23
 Nitrobenzene-d5
 Concen: 100.45 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025940.D
 Acq: 24 Feb 2017 20:19

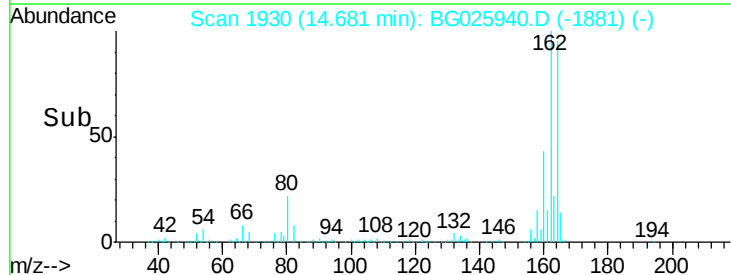
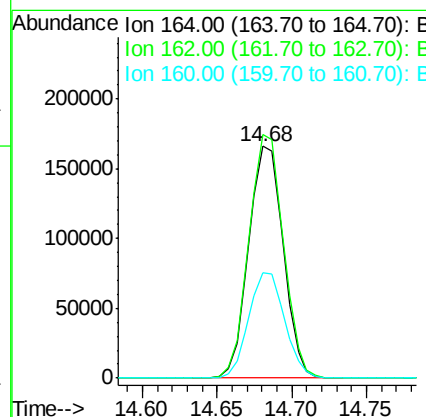
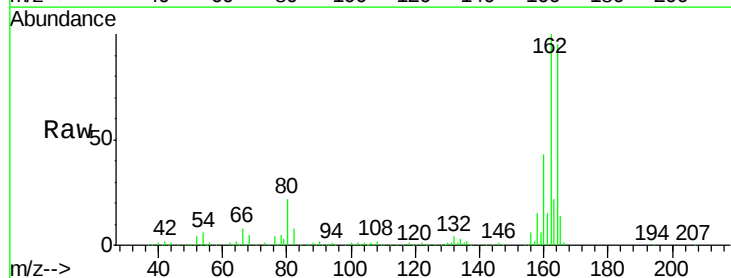
Instrument :
 BNA_G
 ClientSampleID :
 FB20170222

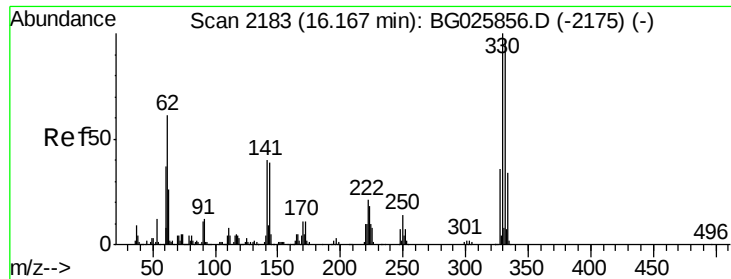
Tgt Ion: 82 Resp: 628117
 Ion Ratio Lower Upper
 82 100
 128 47.1 26.4 39.6#
 54 51.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025940.D
 Acq: 24 Feb 2017 20:19

Tgt Ion: 164 Resp: 265676
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.1 127.7
 160 45.3 34.7 52.1

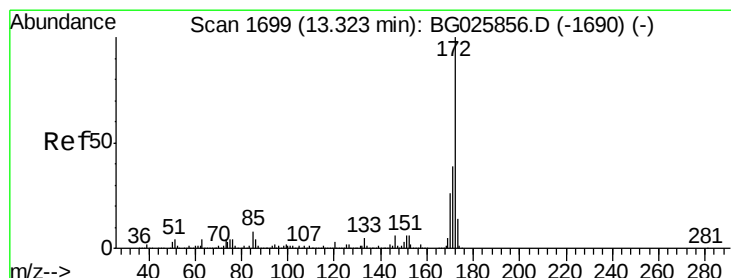
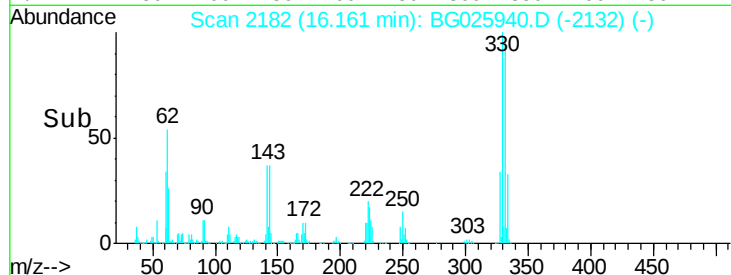
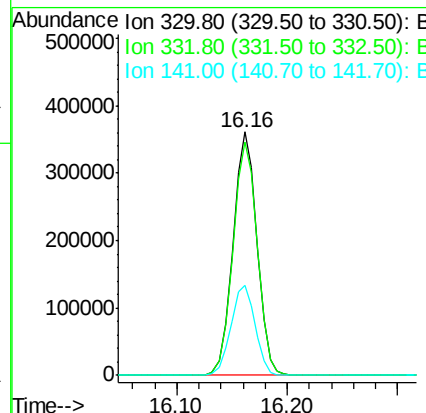
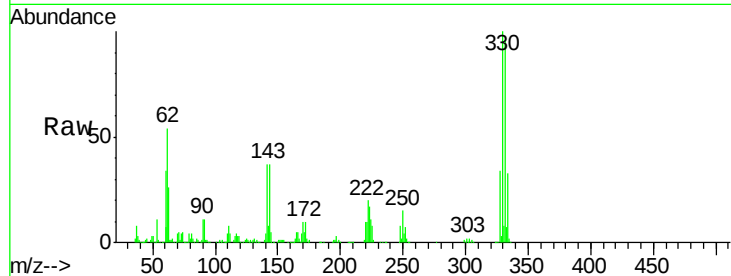




#41
2,4,6-Tribromophenol
Concen: 223.65 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025940.D
Acq: 24 Feb 2017 20:19

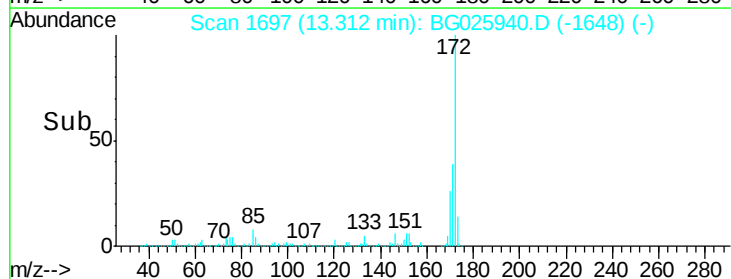
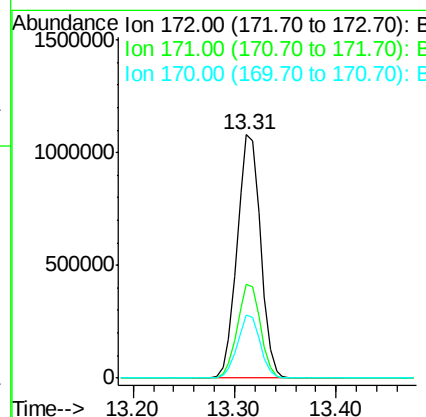
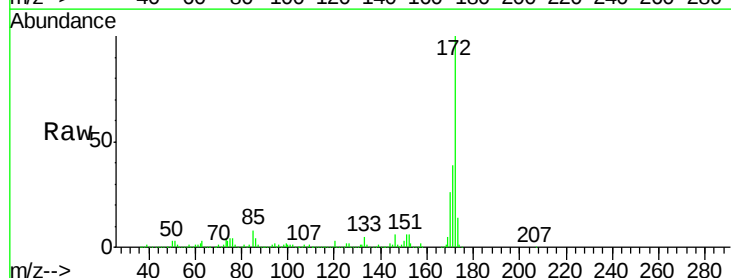
Instrument :
BNA_G
ClientSampleId :
FB20170222

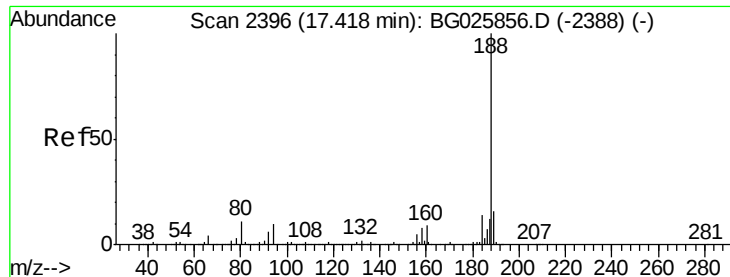
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	37.4	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 113.56 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025940.D
Acq: 24 Feb 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.7	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: BG025940.D

Acq: 24 Feb 2017 20:19

Instrument :

BNA_G

ClientSampleId :

FB20170222

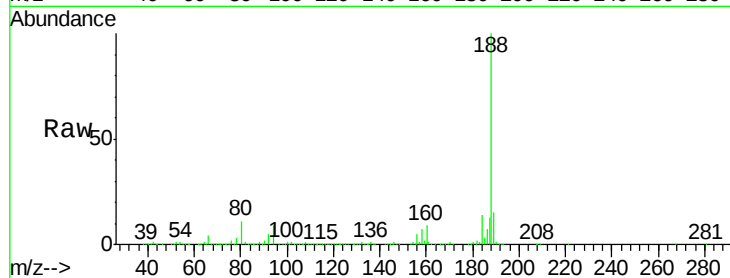
Tgt Ion:188 Resp: 747388

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

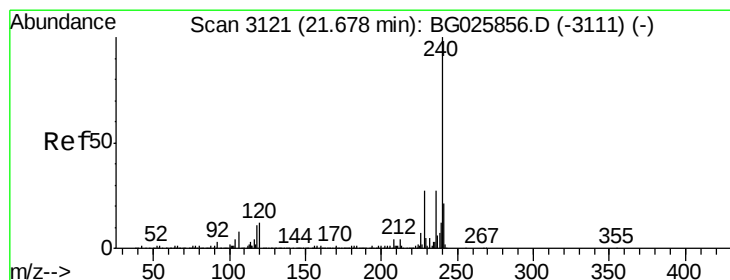
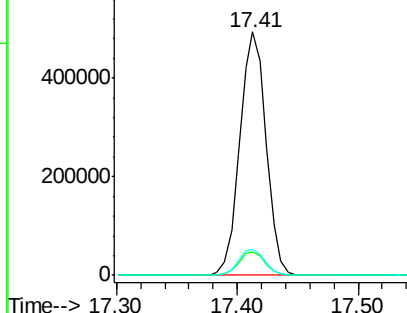
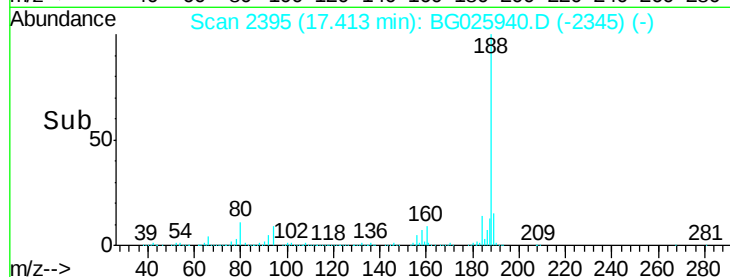
80 10.8 7.5 11.3



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# 3118

Delta R.T. -0.02 min

Lab File: BG025940.D

Acq: 24 Feb 2017 20:19

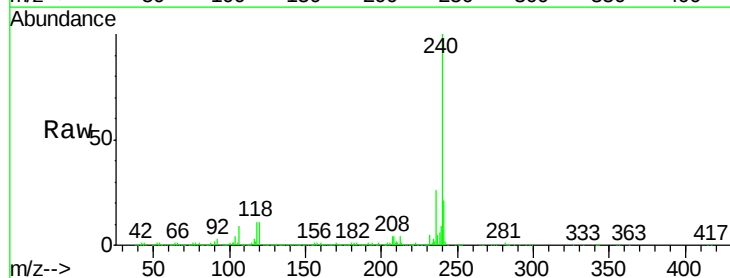
Tgt Ion:240 Resp: 817814

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

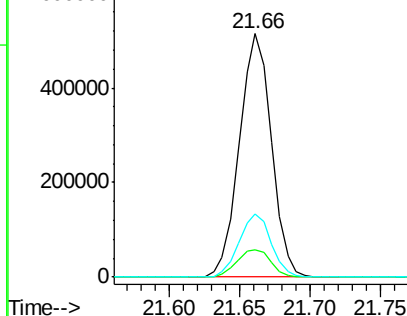
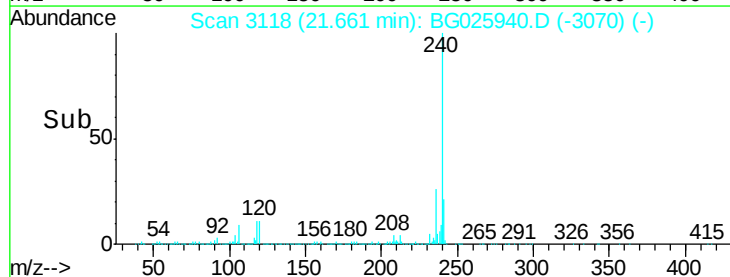
236 26.2 22.2 33.4

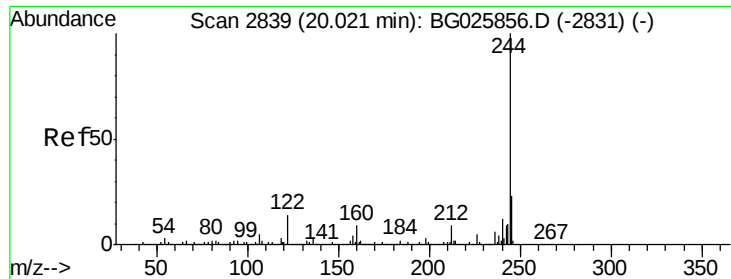


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.90 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025940.D

Acq: 24 Feb 2017 20:19

Instrument :

BNA_G

ClientSampleId :

FB20170222

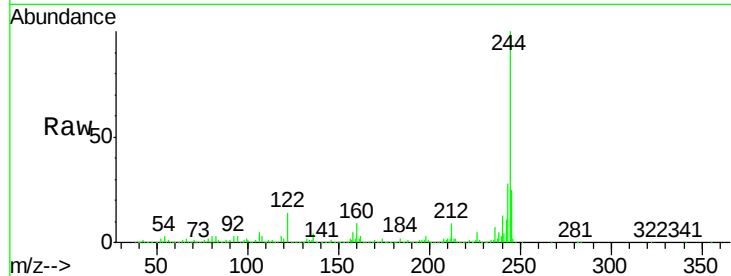
Tgt Ion:244 Resp: 2888478

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

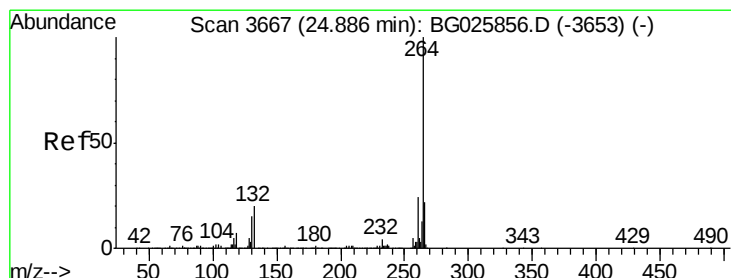
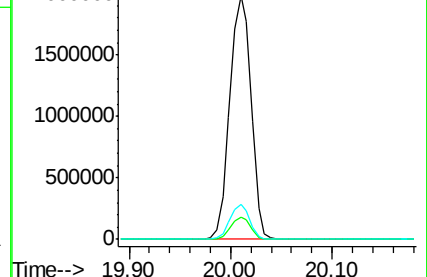
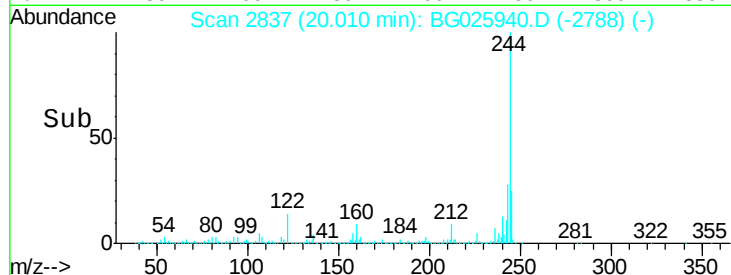
122 14.4 8.6 12.8#



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: BG025940.D

Acq: 24 Feb 2017 20:19

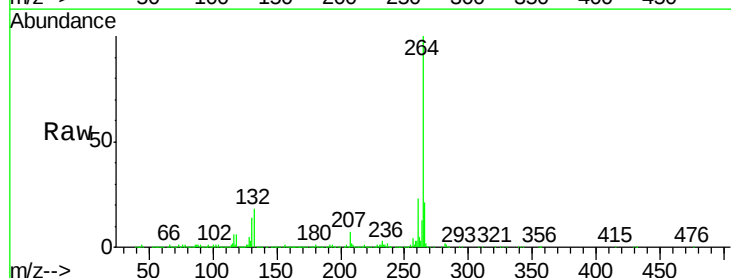
Tgt Ion:264 Resp: 795513

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.4 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

