

Data File : BG025957.D
Acq On : 25 Feb 2017 7:39
Operator : SJ/MA
Sample : I1970-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
022317-PRRT-F-D-M

Quant Time: Feb 26 23:34:35 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	78454	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373229	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	256947	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	726199	20.00	ng	0.00
75) Chrysene-d12	21.66	240	771959	20.00	ng	-0.02
86) Perylene-d12	24.87	264	745484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	167882	37.26	ng	0.00
7) Phenol-d6	7.23	99	143692	21.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	528389	89.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	311905	131.39	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1497025	101.81	ng	0.00
78) Terphenyl-d14	20.01	244	2486970	78.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	115788	6.57	ng	Qvalue 96

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

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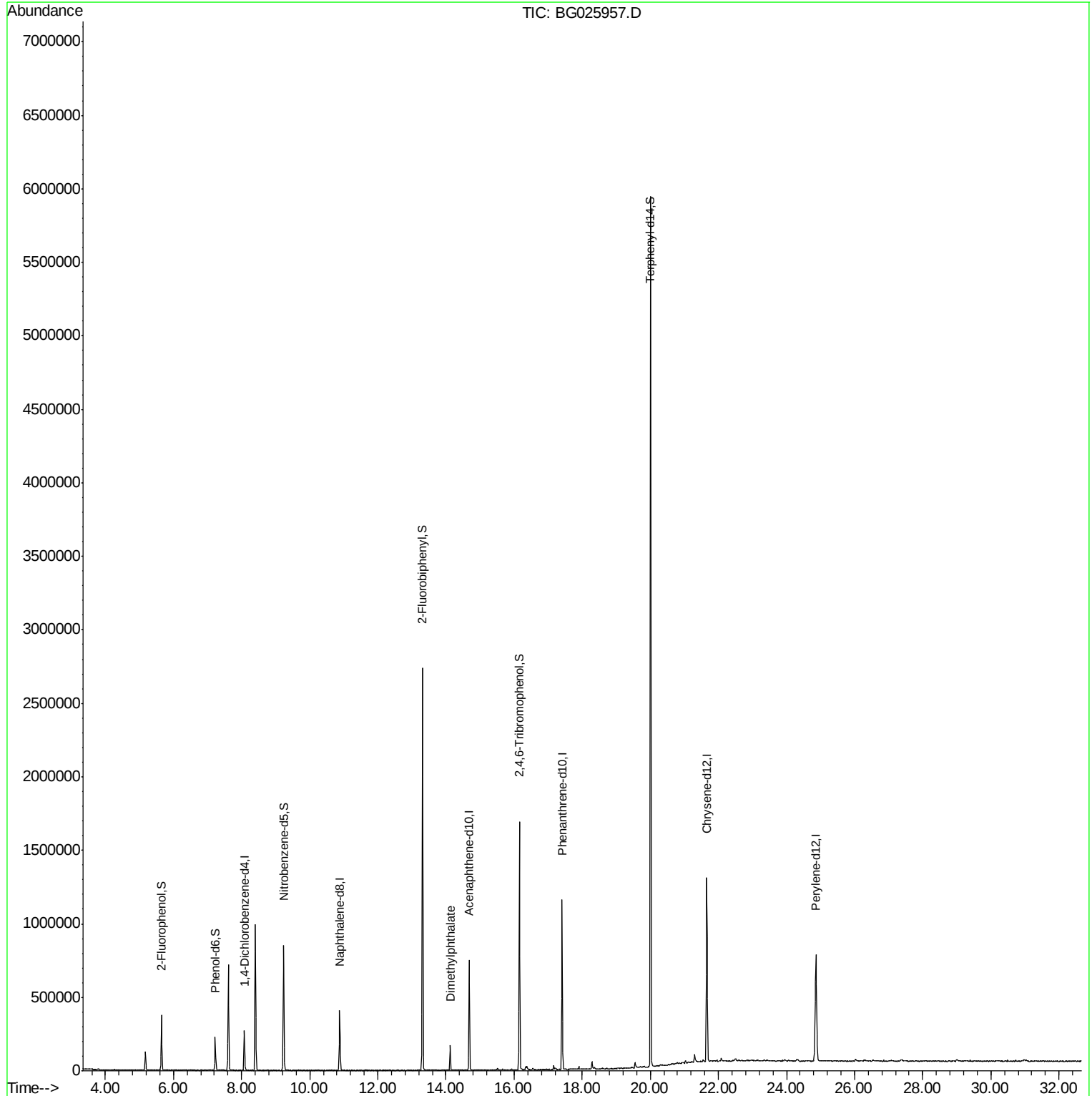
Quant Time: Feb 26 23:34:35 2017

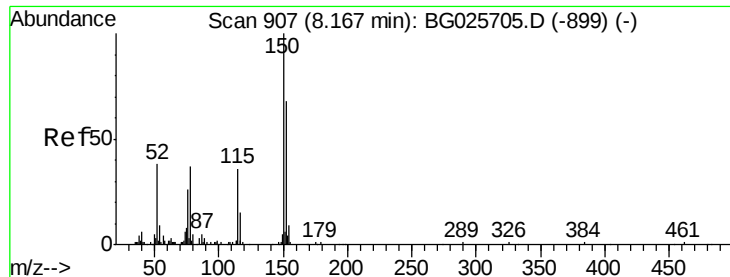
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

Response via : Initial Calibration





#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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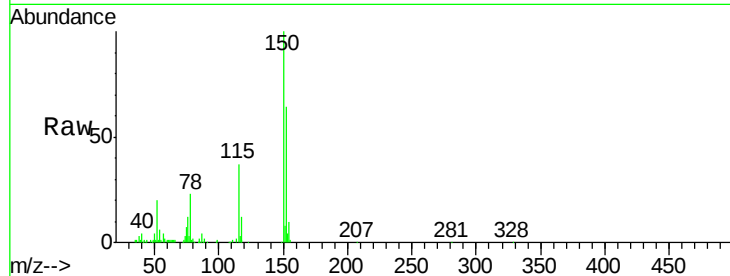
Tgt Ion:152 Resp: 78454

Ion Ratio Lower Upper

152 100

150 156.7 114.0 171.0

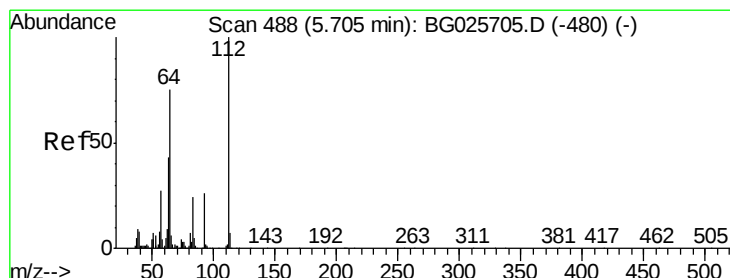
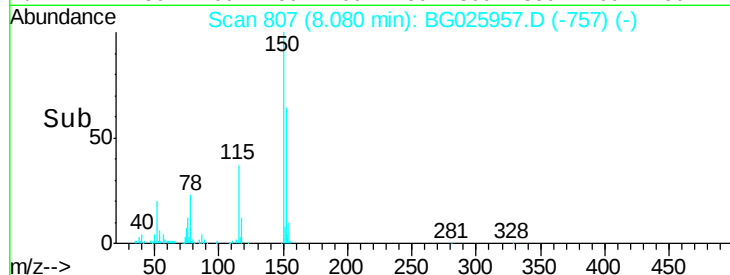
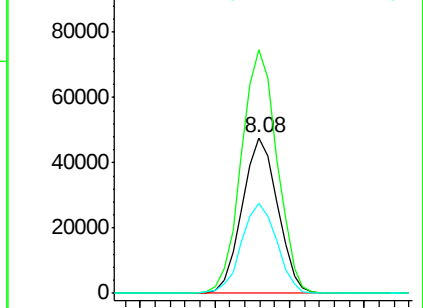
115 58.3 48.1 72.1



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: 37.26 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

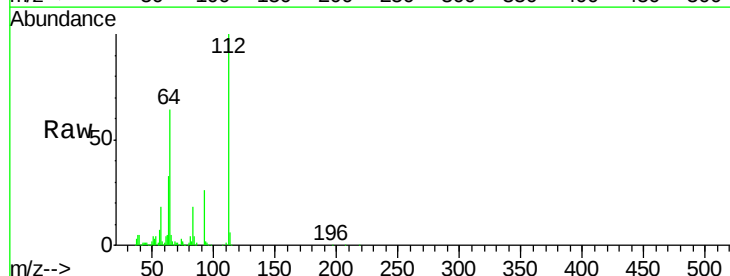
Tgt Ion:112 Resp: 167882

Ion Ratio Lower Upper

112 100

64 63.8 61.8 92.6

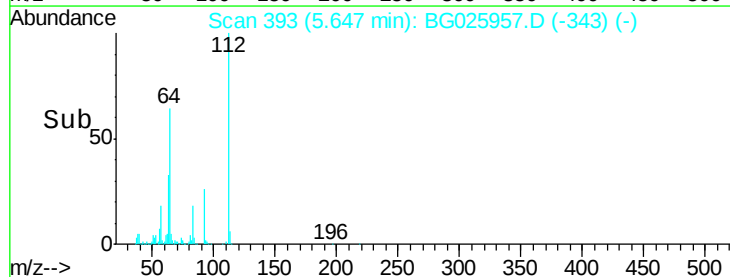
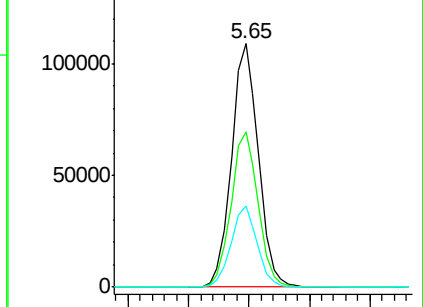
63 33.4 37.2 55.8#

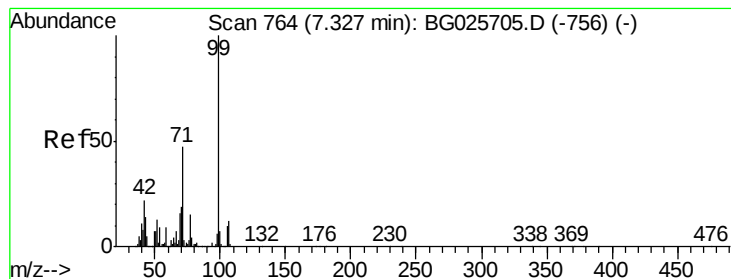


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.55 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025957.D

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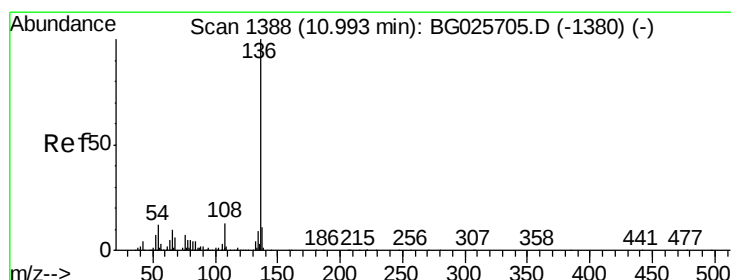
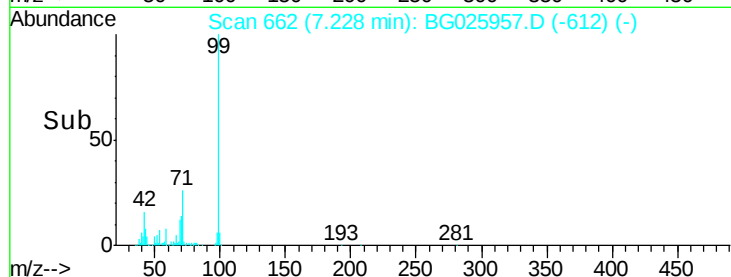
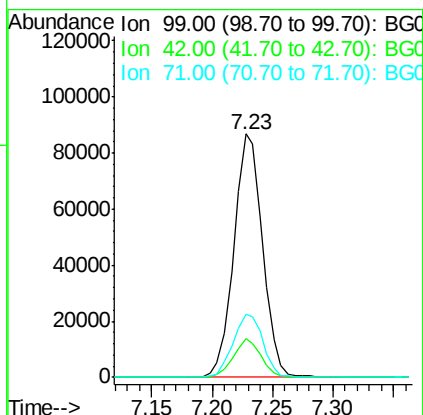
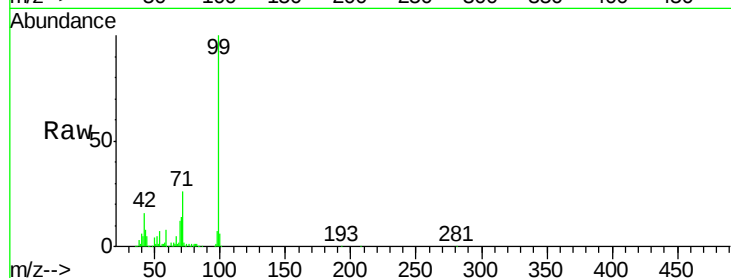
Tgt Ion: 99 Resp: 143692

Ion Ratio Lower Upper

99 100

42 16.1 20.5 30.7#

71 26.0 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: BG025957.D

Acq: 25 Feb 2017 7:39

Tgt Ion: 136 Resp: 373229

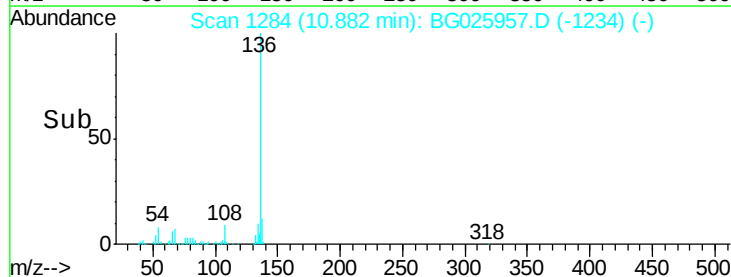
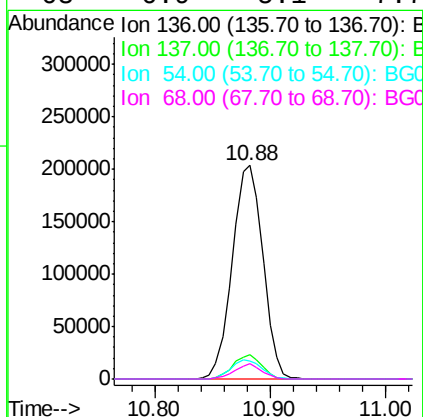
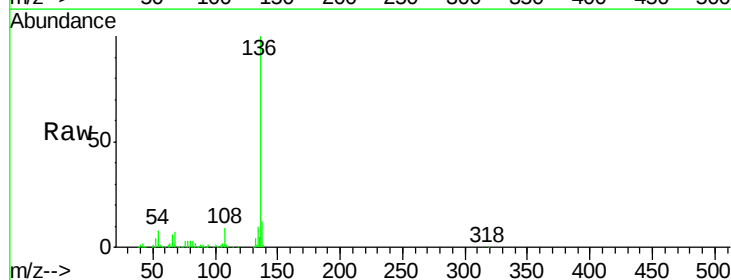
Ion Ratio Lower Upper

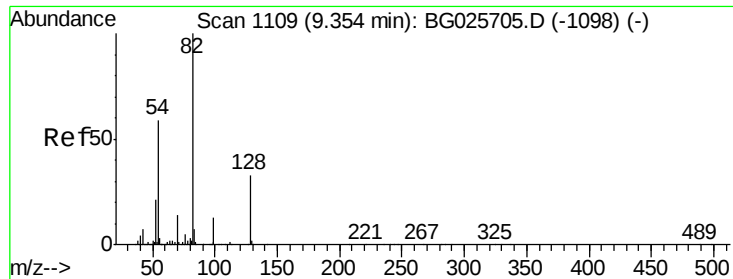
136 100

137 11.5 8.9 13.3

54 8.3 9.3 13.9#

68 6.9 5.1 7.7

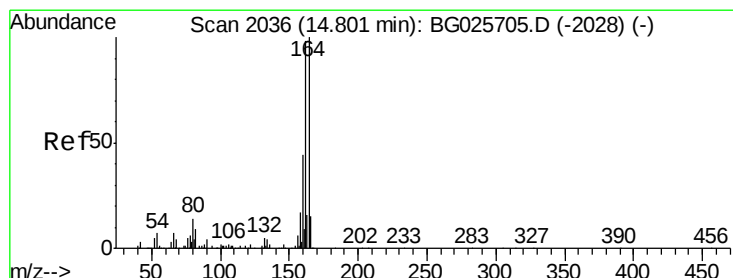
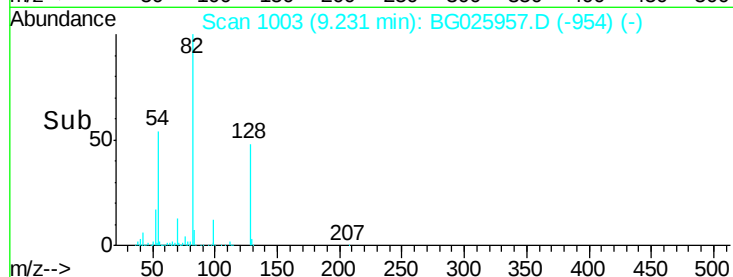
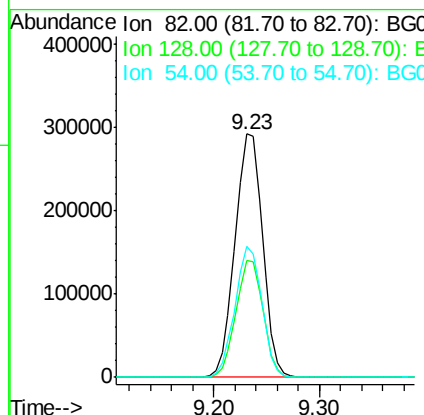
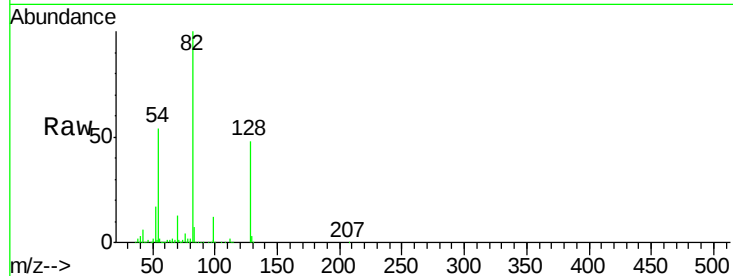




#23
 Nitrobenzene-d5
 Concen: 89.34 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

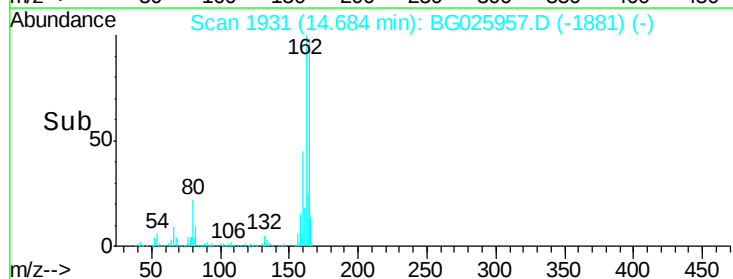
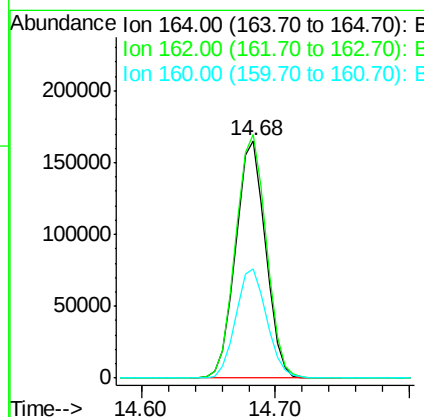
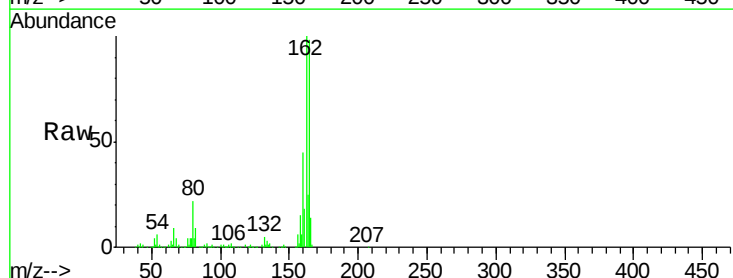
Instrument :
 BNA_G
 ClientSampleId :
 022317-PRRT-F-D-M

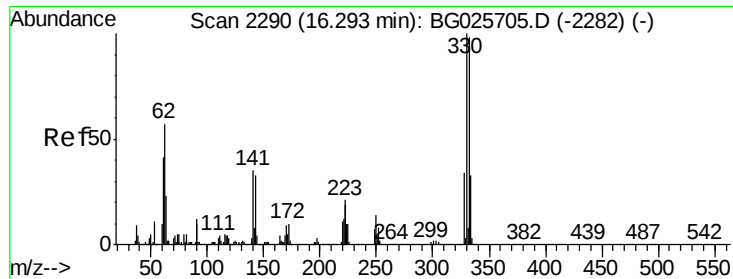
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	26.4	39.6
54	53.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	45.8	34.7	52.1

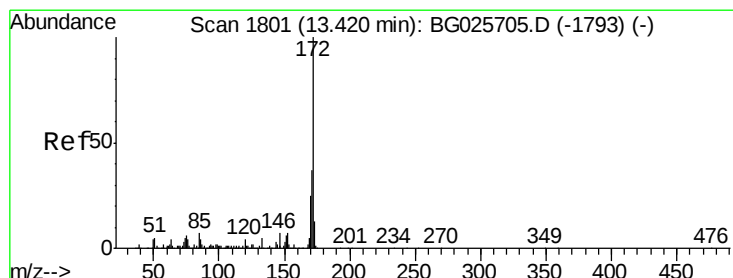
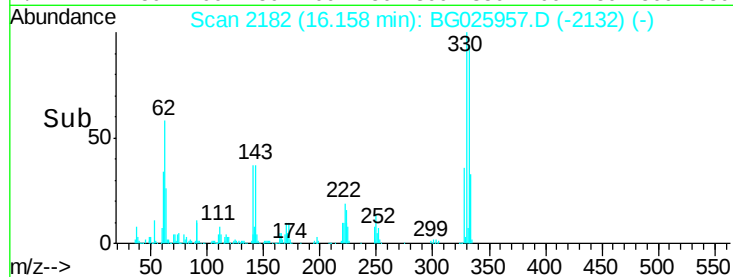
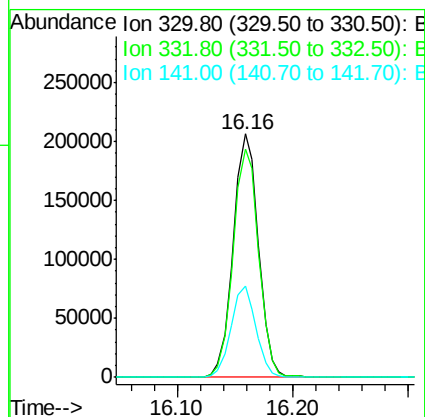
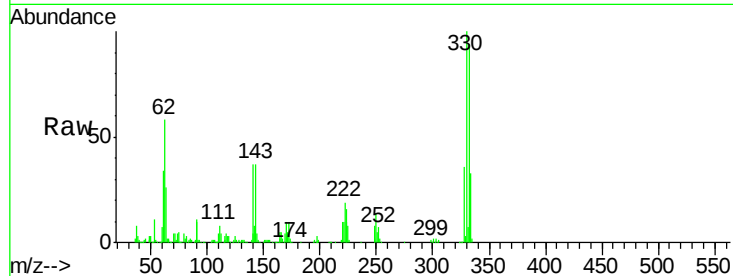




#41
 2,4,6-Tribromophenol
 Concen: 131.39 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

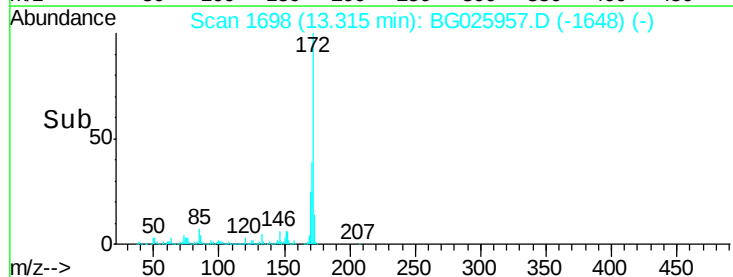
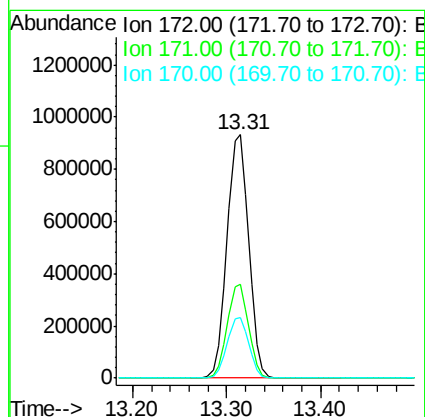
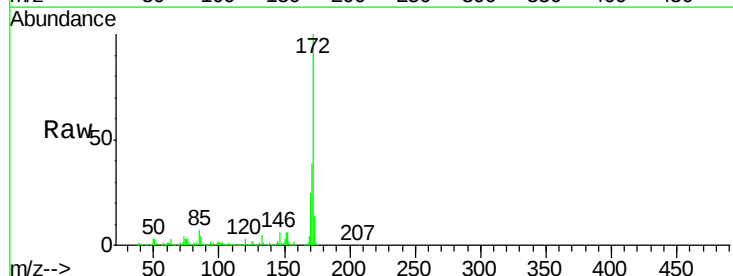
Instrument :
 BNA_G
 ClientSampleId :
 022317-PRRT-F-D-M

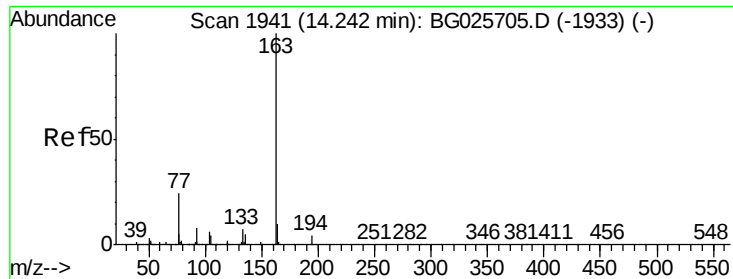
Tgt Ion:330 Resp: 311905
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.3 115.9
 141 37.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 101.81 ng
 RT: 13.31 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG025957.D
 Acq: 25 Feb 2017 7:39

Tgt Ion:172 Resp: 1497025
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.2 48.2
 170 24.7 21.8 32.6





#49

Dimethylphthalate

Concen: 6.57 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

Instrument :

BNA_G

ClientSampleId :

022317-PRRT-F-D-M

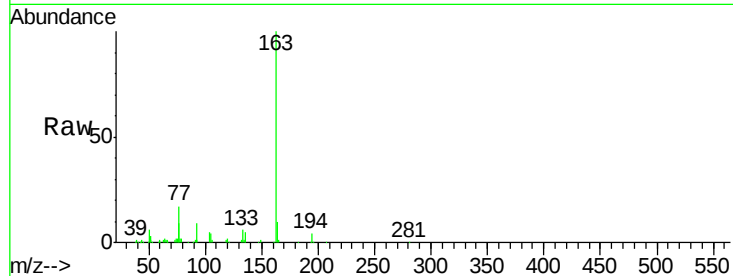
Tgt Ion:163 Resp: 115788

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

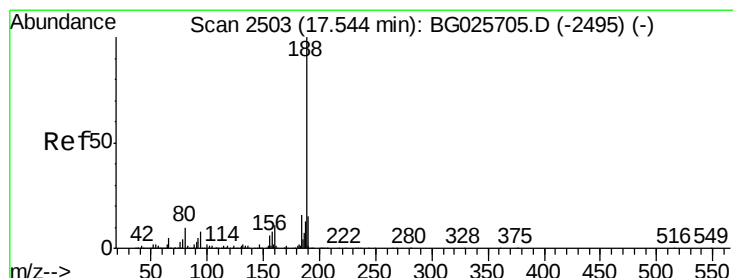
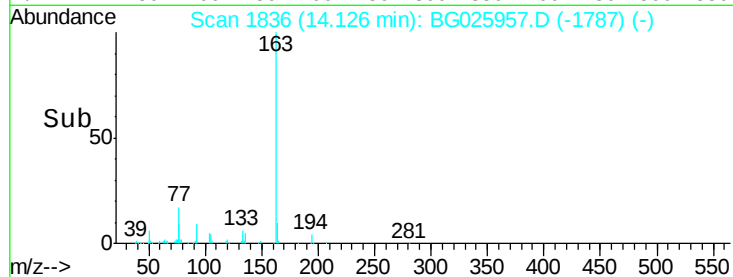
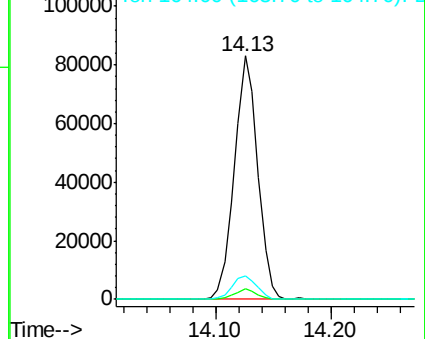
164 9.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025957.D

Acq: 25 Feb 2017 7:39

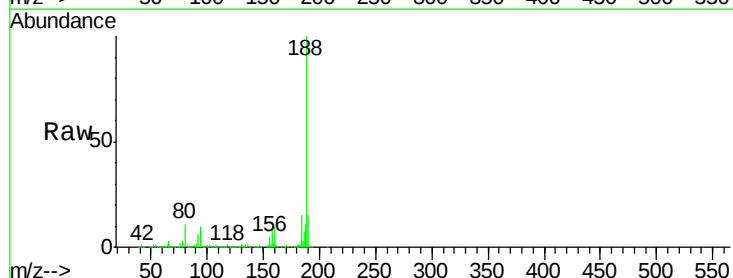
Tgt Ion:188 Resp: 726199

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

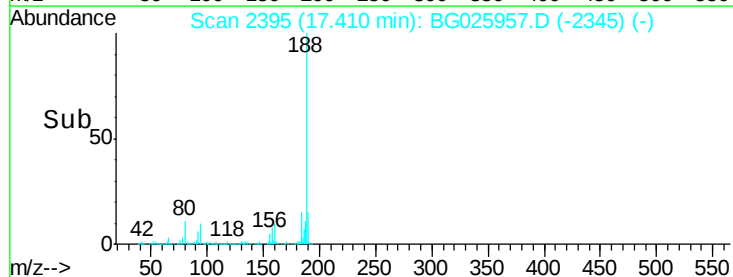
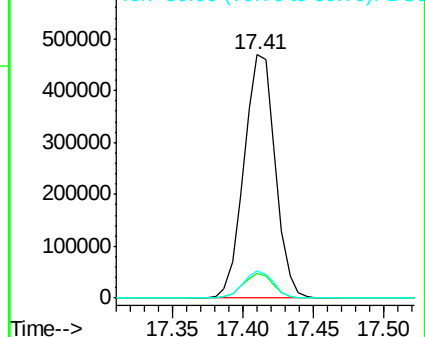
80 11.0 7.5 11.3

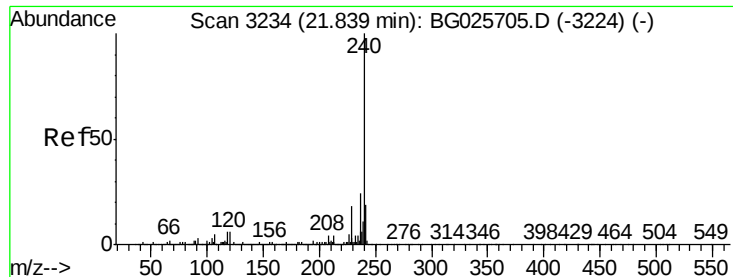


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

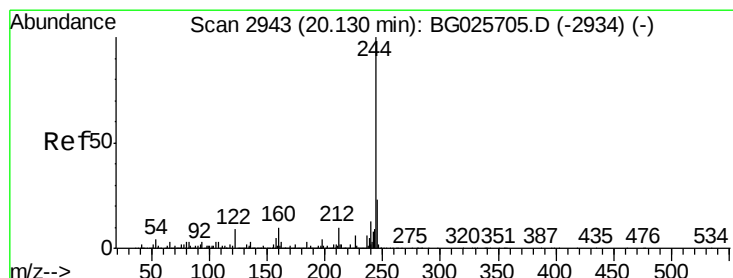
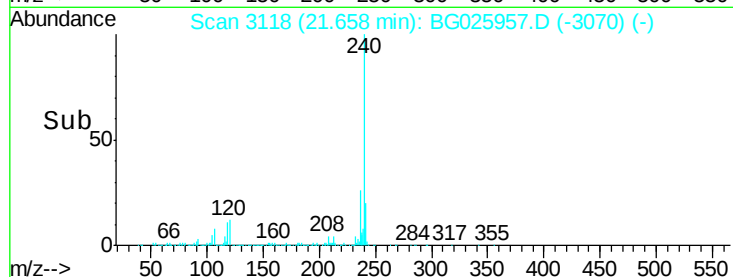
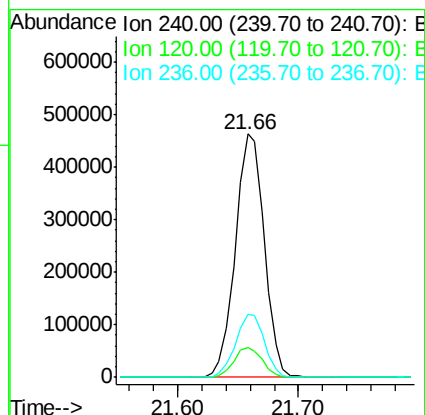
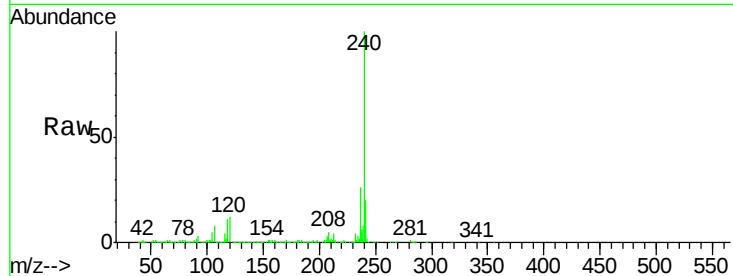




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

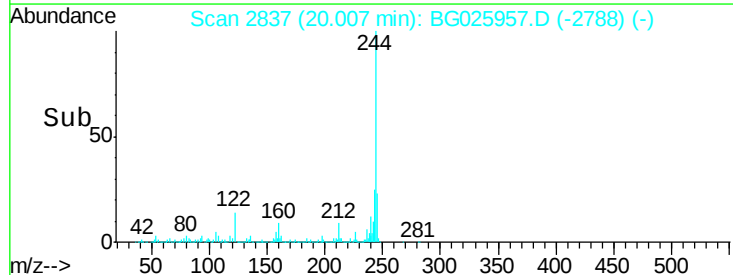
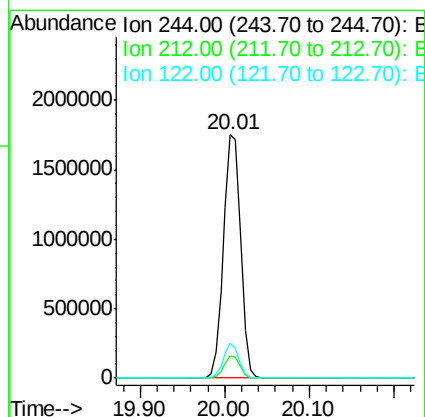
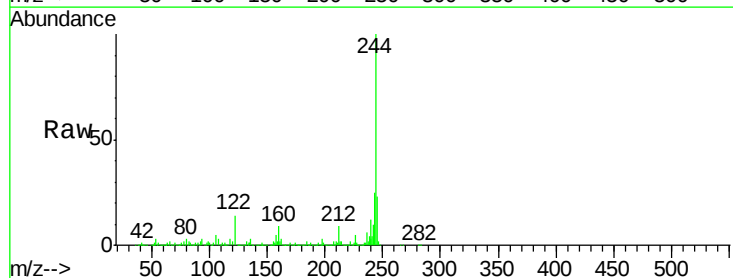
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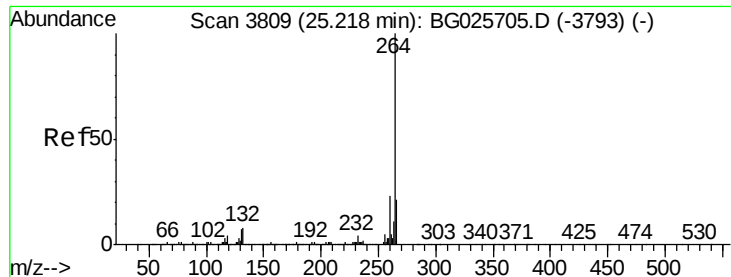
Tgt Ion:240 Resp: 771959
Ion Ratio Lower Upper
240 100
120 12.3 5.7 8.5#
236 25.9 22.2 33.4



#78
Terphenyl-d14
Concen: 78.35 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

Tgt Ion:244 Resp: 2486970
Ion Ratio Lower Upper
244 100
212 9.1 10.0 15.0#
122 14.3 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025957.D
Acq: 25 Feb 2017 7:39

Instrument :
BNA_G
ClientSampleId :
022317-PRRT-F-D-M

Tgt Ion:	264	Resp:	745484
Ion Ratio	Lower	Upper	
264	100		
260	23.9	21.8	32.8
265	21.1	18.2	27.4

