

Data File : BG025960.D
Acq On : 25 Feb 2017 9:38
Operator : SJ/MA
Sample : I1969-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
022217-PRRT-F-D-M

Quant Time: Feb 26 23:35:08 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	81972	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	402511	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	284407	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	790117	20.00	ng	0.00
75) Chrysene-d12	21.66	240	806023	20.00	ng	-0.02
86) Perylene-d12	24.86	264	783436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	199406	42.35	ng	0.00
7) Phenol-d6	7.23	99	174681	25.07	ng	0.00
23) Nitrobenzene-d5	9.24	82	577111	90.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	356809	135.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1622951	99.71	ng	0.00
78) Terphenyl-d14	20.01	244	2612291	78.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	171376	8.78	ng	Qvalue 98

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

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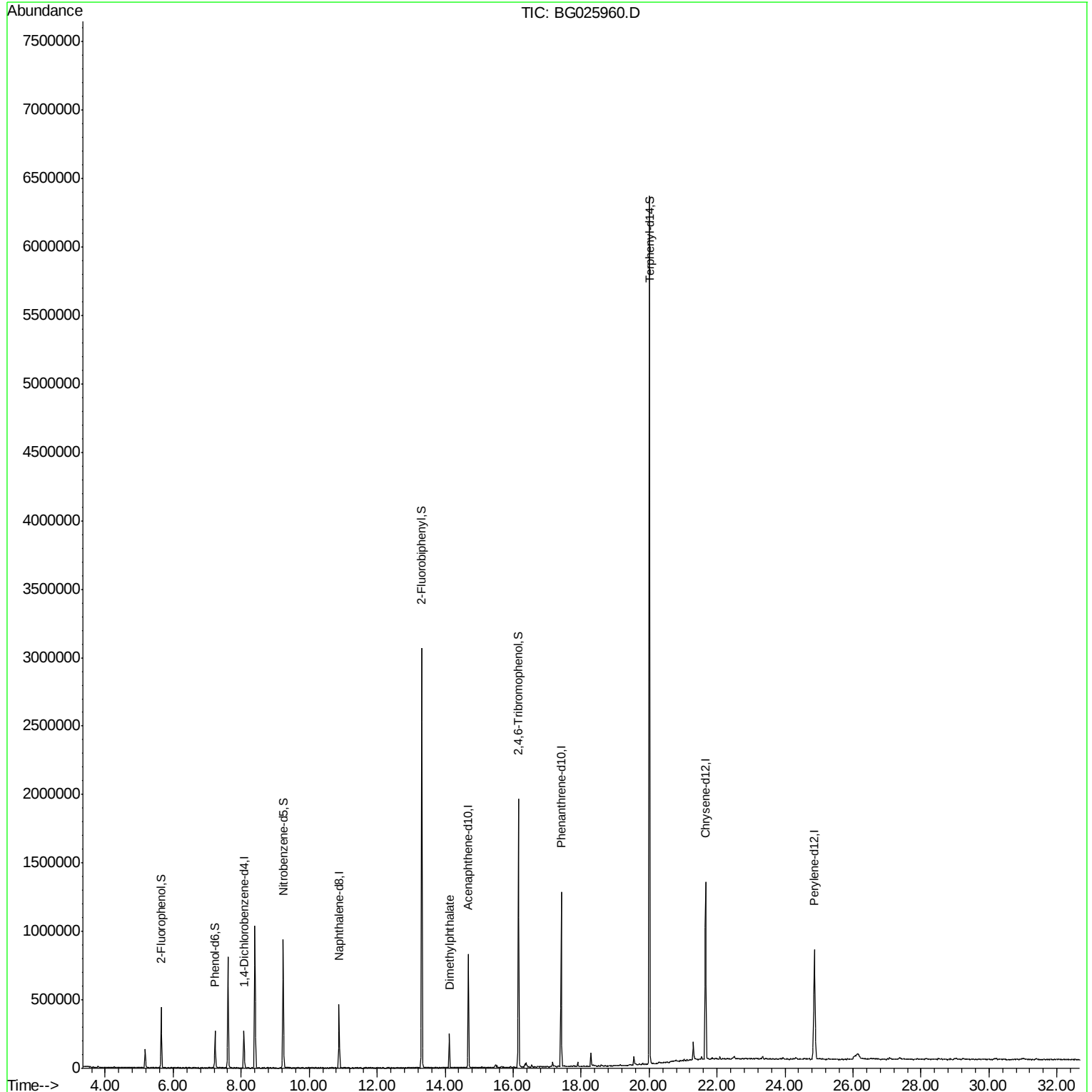
Quant Time: Feb 26 23:35:08 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 808

Delta R.T. -0.00 min

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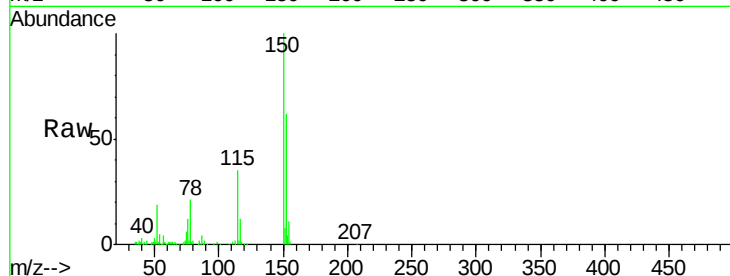
Tgt Ion:152 Resp: 81972

Ion Ratio Lower Upper

152 100

150 160.5 114.0 171.0

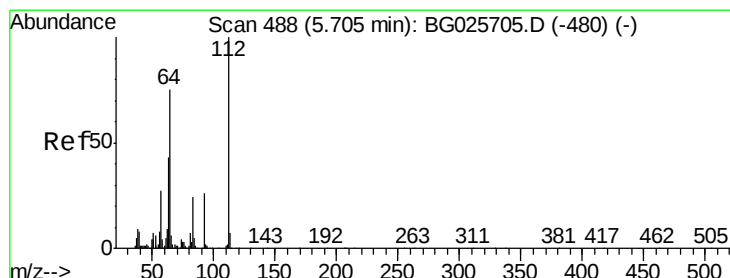
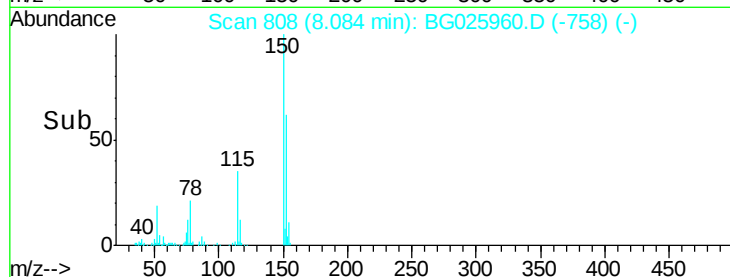
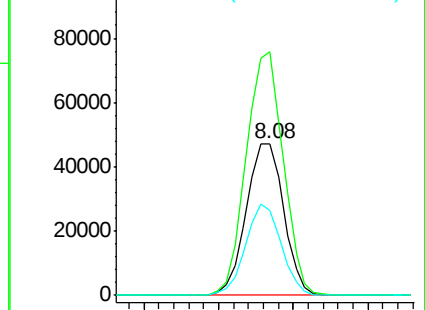
115 55.8 48.1 72.1



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: 42.35 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025960.D

Acq: 25 Feb 2017 9:38

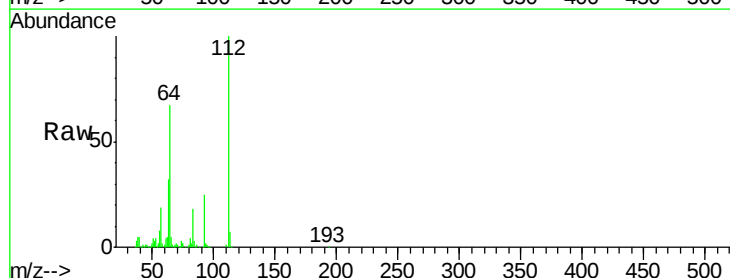
Tgt Ion:112 Resp: 199406

Ion Ratio Lower Upper

112 100

64 66.5 61.8 92.6

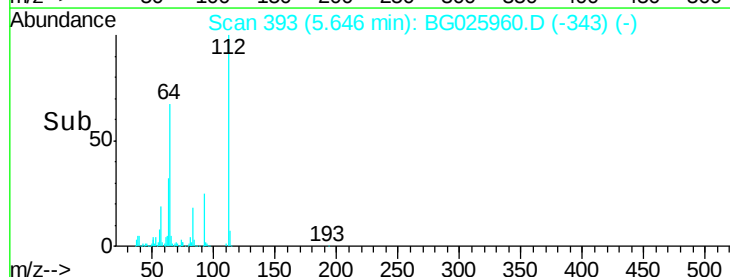
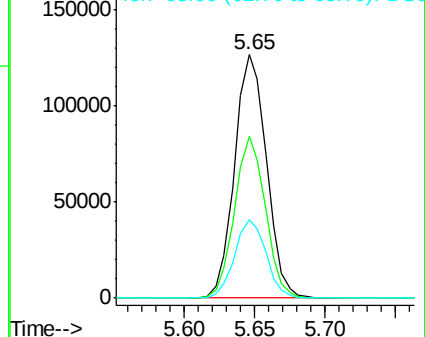
63 32.0 37.2 55.8#

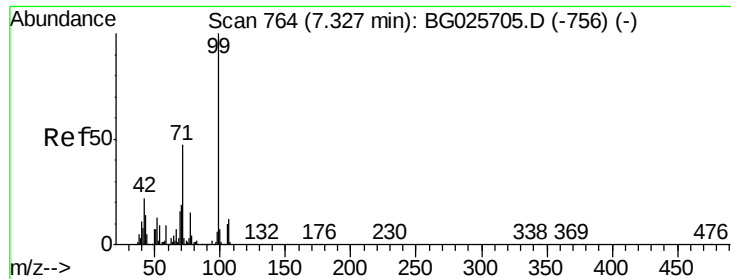


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.07 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025960.D

Acq: 25 Feb 2017 9:38

Instrument :

BNA_G

ClientSampleId :

022217-PRRT-F-D-M

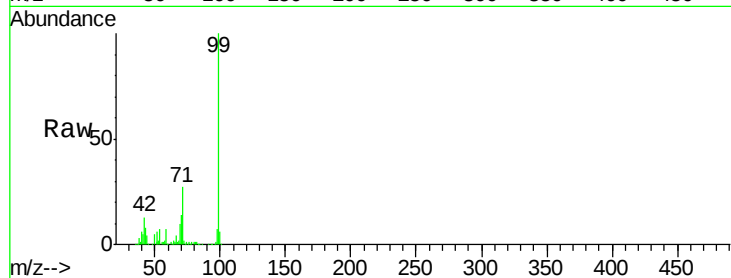
Tgt Ion: 99 Resp: 174681

Ion Ratio Lower Upper

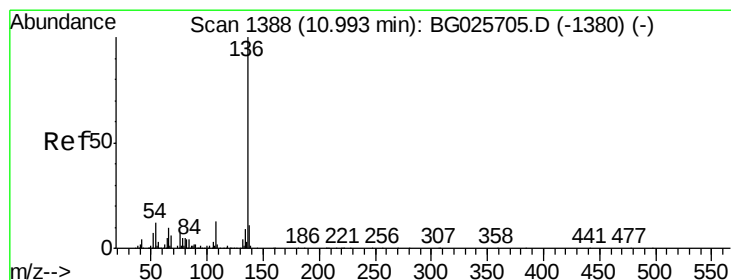
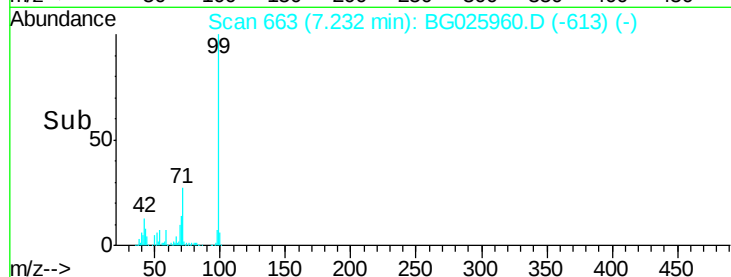
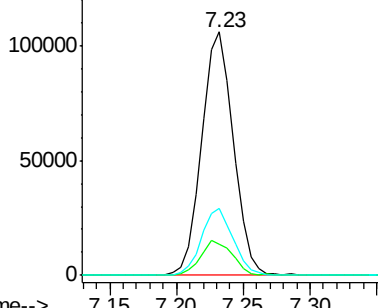
99 100

42 13.0 20.5 30.7#

71 27.5 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# 1284

Delta R.T. -0.01 min

Lab File: BG025960.D

Acq: 25 Feb 2017 9:38

Tgt Ion: 136 Resp: 402511

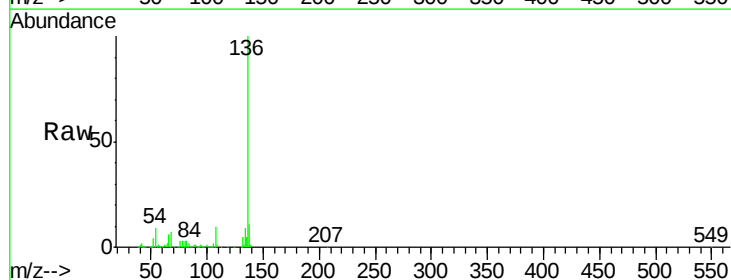
Ion Ratio Lower Upper

136 100

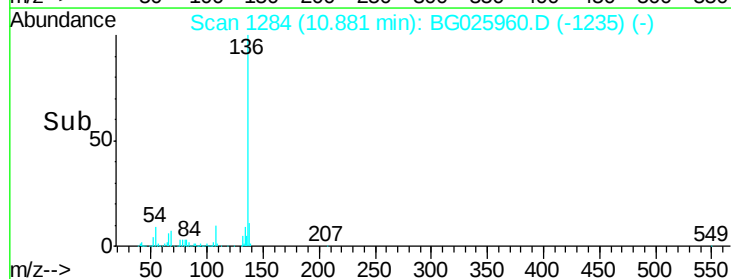
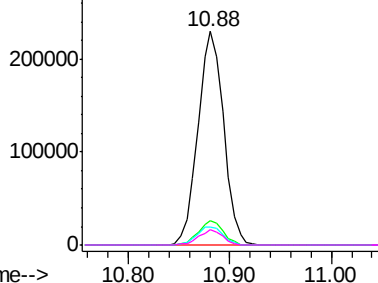
137 11.3 8.9 13.3

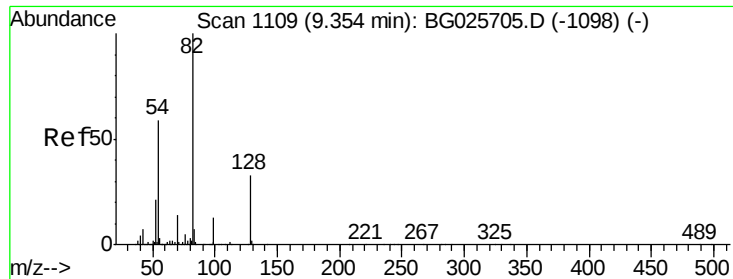
54 8.6 9.3 13.9#

68 7.1 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

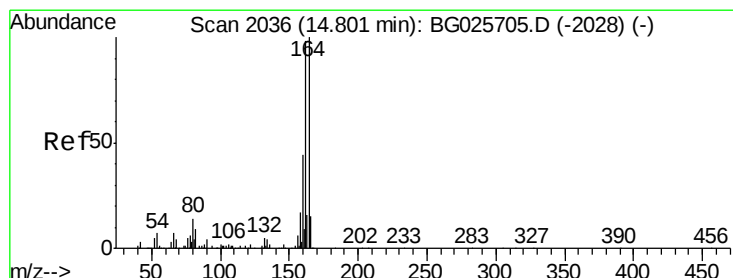
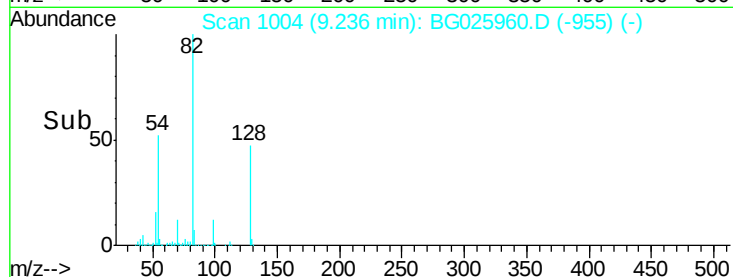
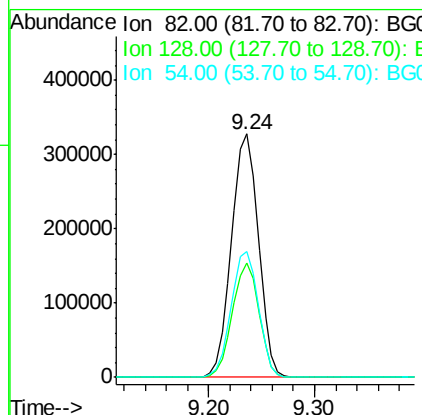
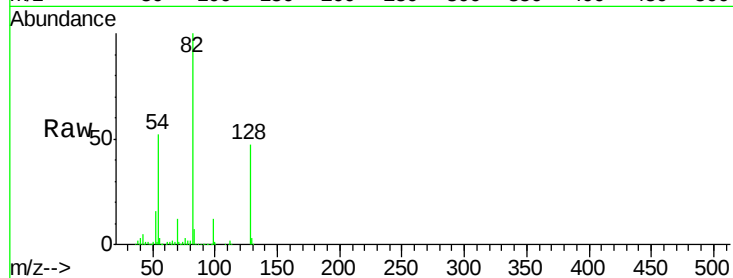




#23
 Nitrobenzene-d5
 Concen: 90.48 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025960.D
 Acq: 25 Feb 2017 9:38

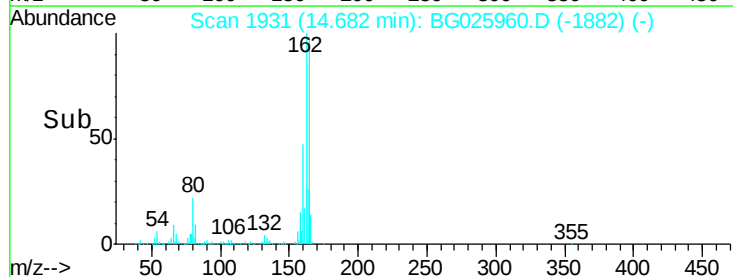
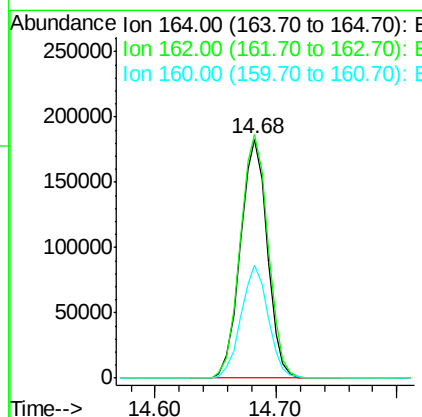
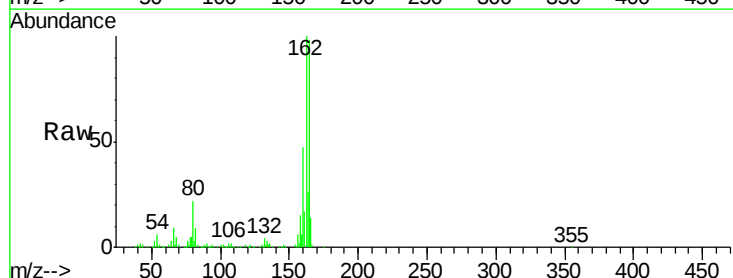
Instrument :
 BNA_G
 ClientSampleId :
 022217-PRRT-F-D-M

Tgt Ion: 82 Resp: 577111
 Ion Ratio Lower Upper
 82 100
 128 47.2 26.4 39.6#
 54 51.8 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: BG025960.D
 Acq: 25 Feb 2017 9:38

Tgt Ion: 164 Resp: 284407
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 47.5 34.7 52.1

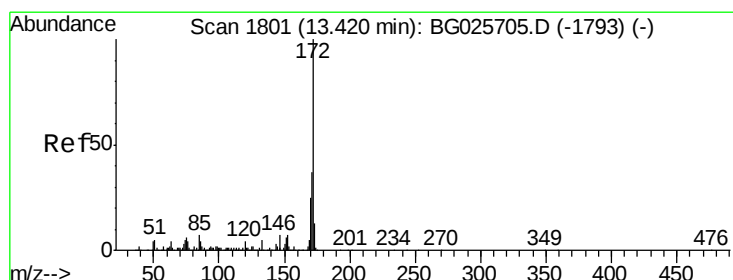
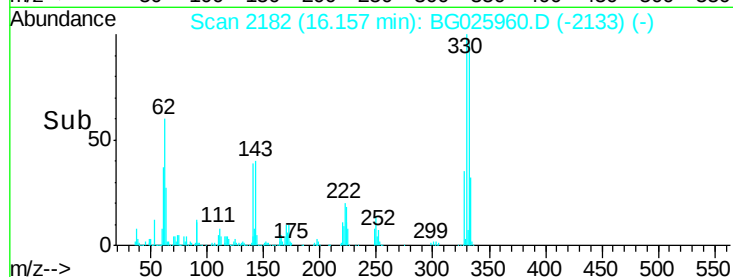
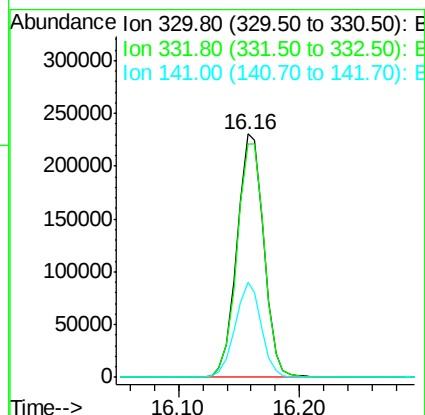
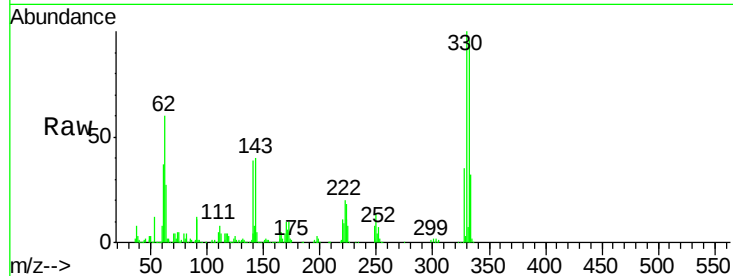




#41
2,4,6-Tribromophenol
Concen: 135.79 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025960.D
Acq: 25 Feb 2017 9:38

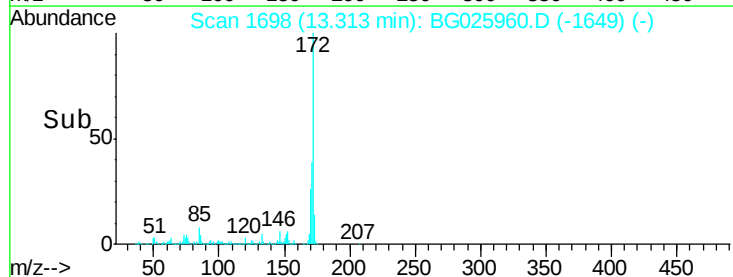
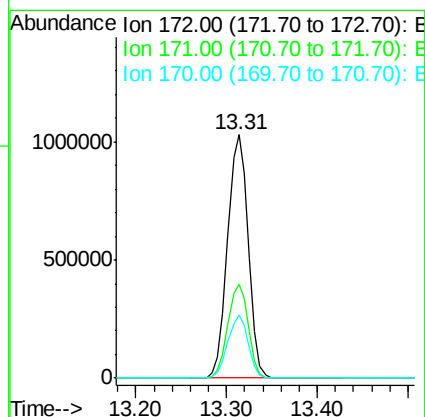
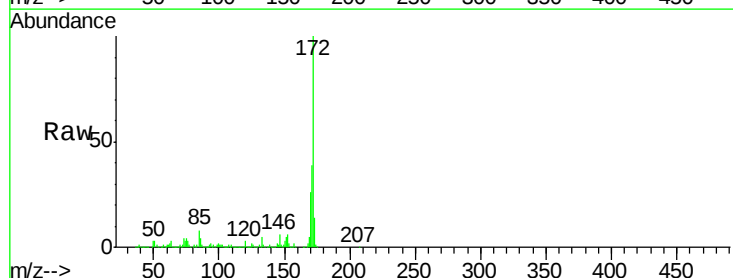
Instrument :
BNA_G
ClientSampleId :
022217-PRRT-F-D-M

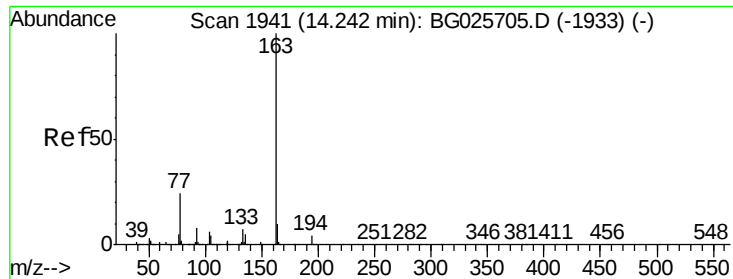
Tgt Ion:330 Resp: 356809
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 37.8 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 99.71 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025960.D
Acq: 25 Feb 2017 9:38

Tgt Ion:172 Resp: 1622951
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.7 21.8 32.6





#49

Dimethylphthalate

Concen: 8.78 ng

RT: 14.12 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG025960.D

Acq: 25 Feb 2017 9:38

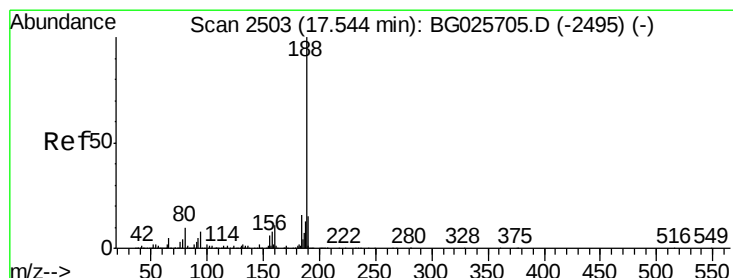
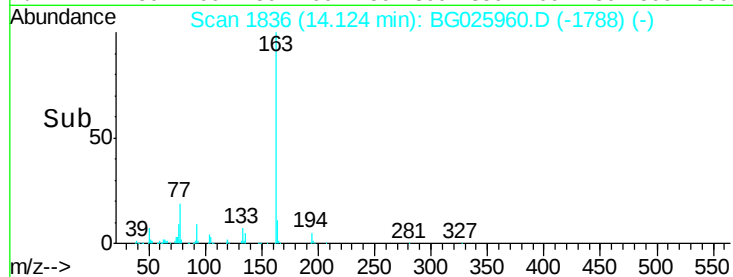
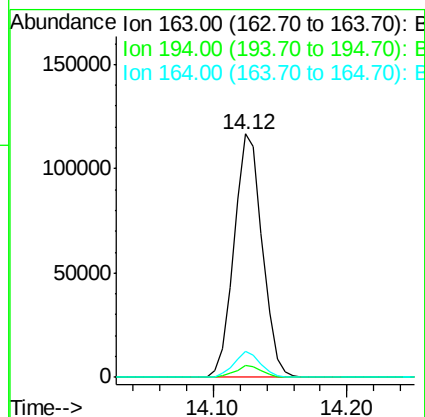
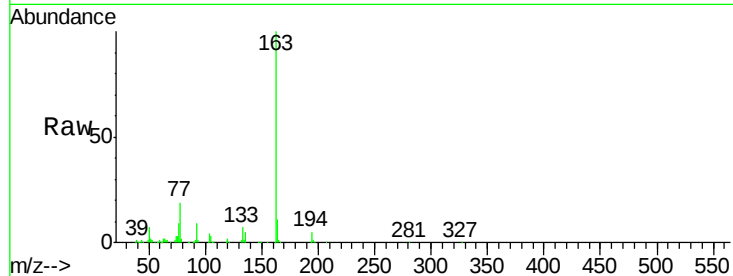
Instrument :

BNA_G

ClientSampleId :

022217-PRRT-F-D-M

Tgt Ion:	163	Resp:	171376
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	10.6	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

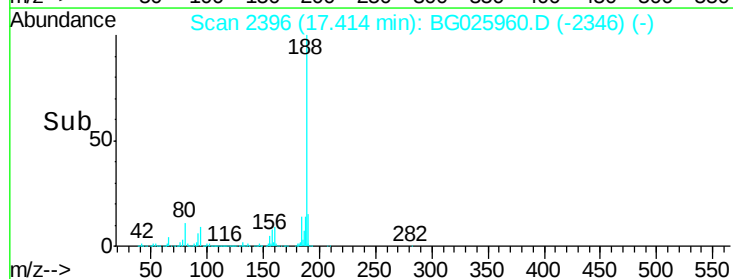
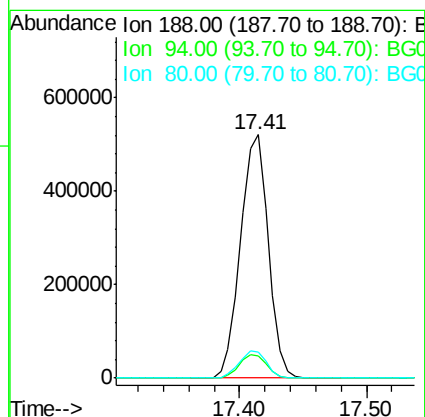
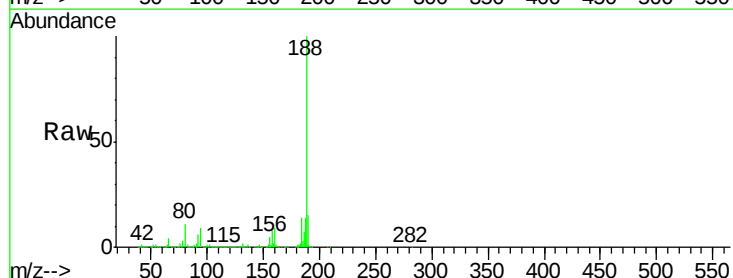
RT: 17.41 min Scan# 2396

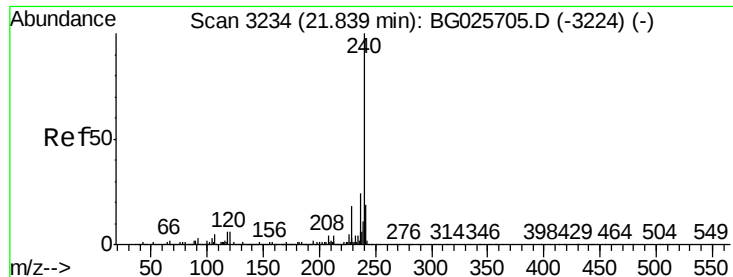
Delta R.T. -0.00 min

Lab File: BG025960.D

Acq: 25 Feb 2017 9:38

Tgt Ion:	188	Resp:	790117
Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.8#
80	10.6	7.5	11.3

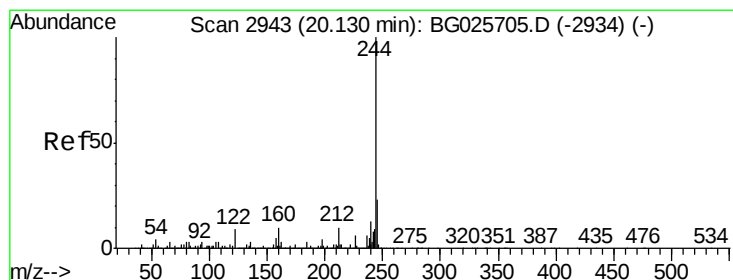
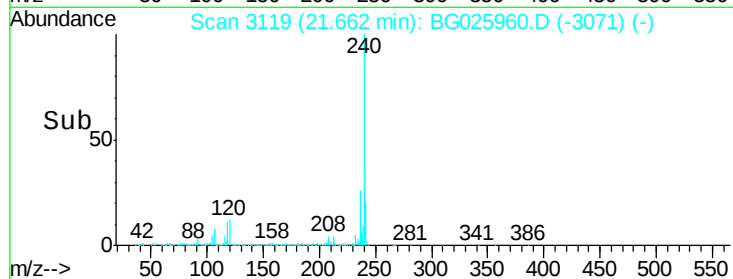
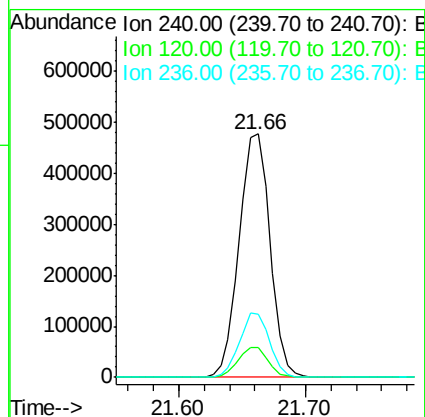
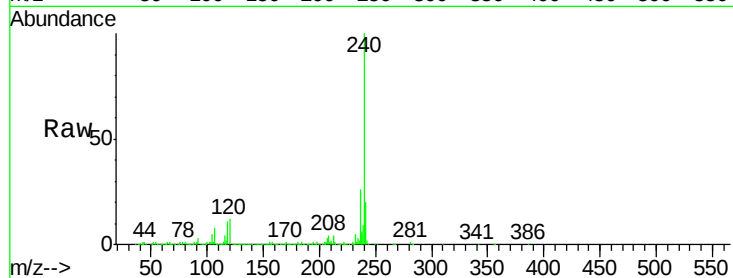




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG025960.D
Acq: 25 Feb 2017 9:38

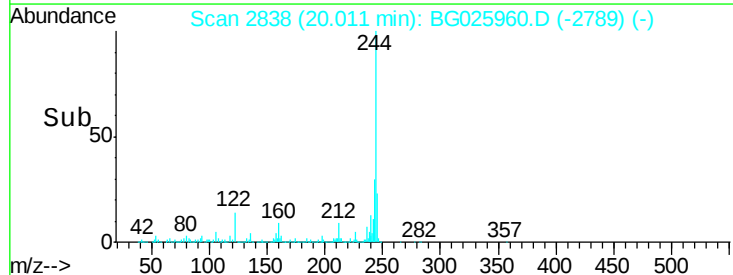
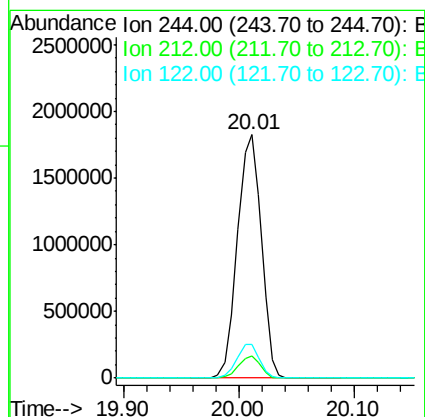
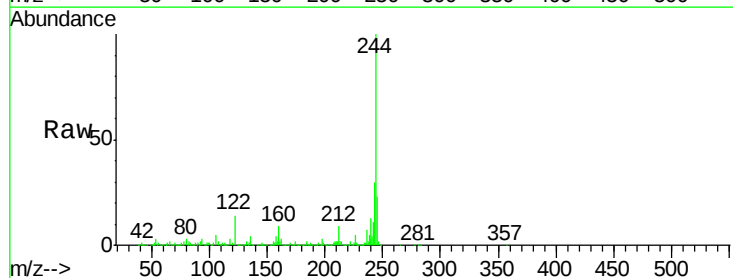
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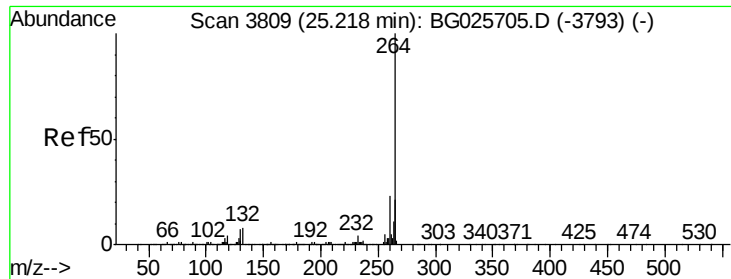
Tgt Ion:240 Resp: 806023
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 26.2 22.2 33.4



#78
Terphenyl-d14
Concen: 78.82 ng
RT: 20.01 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG025960.D
Acq: 25 Feb 2017 9:38

Tgt Ion:244 Resp: 2612291
Ion Ratio Lower Upper
244 100
212 9.3 10.0 15.0#
122 13.9 8.6 12.8#

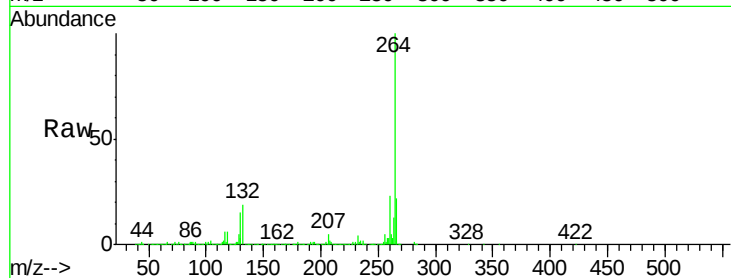




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025960.D
Acq: 25 Feb 2017 9:38

Instrument :
BNA_G
ClientSampleId :
022217-PRRT-F-D-M

Tgt Ion:	264	Resp:	783436
Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.0	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

