

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025961.D
 Acq On : 25 Feb 2017 10:18
 Operator : SJ/MA
 Sample : I1969-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022217-PPRT-F-U-M

Quant Time: Feb 26 23:35:18 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

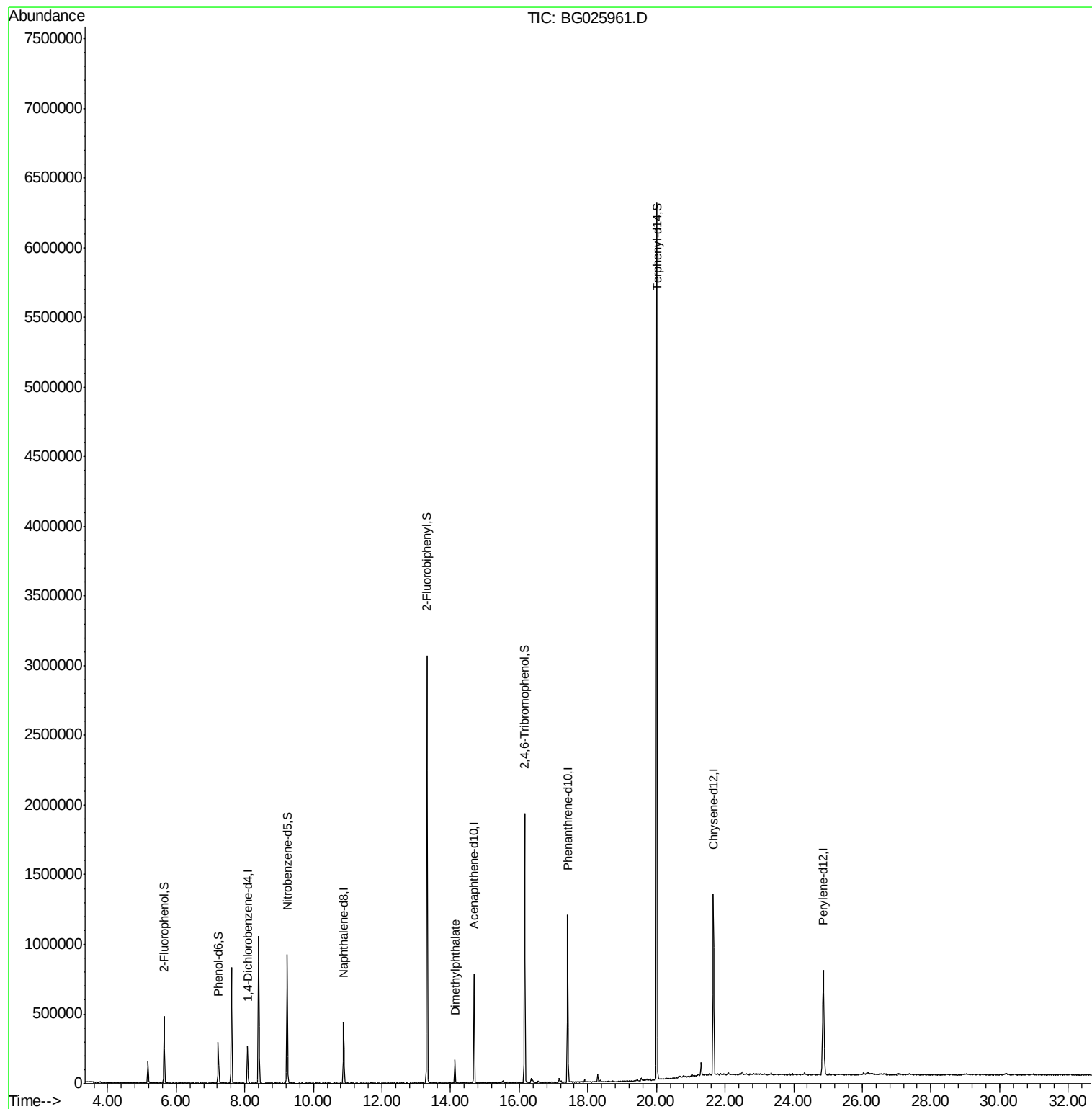
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	79260	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	383868	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	266350	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	751291	20.00	ng	0.00
75) Chrysene-d12	21.66	240	800648	20.00	ng	-0.02
86) Perylene-d12	24.87	264	766000	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	216993	47.66	ng	0.00
7) Phenol-d6	7.23	99	193056	28.66	ng	0.00
23) Nitrobenzene-d5	9.24	82	569522	93.63	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	347990	141.41	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1597430	104.80	ng	0.00
78) Terphenyl-d14	20.01	244	2651005	80.53	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	114097	6.24	ng	Qvalue 97

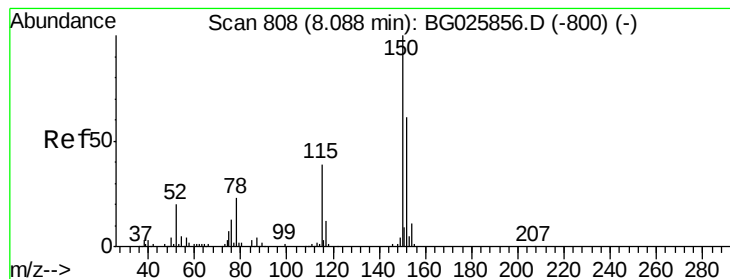
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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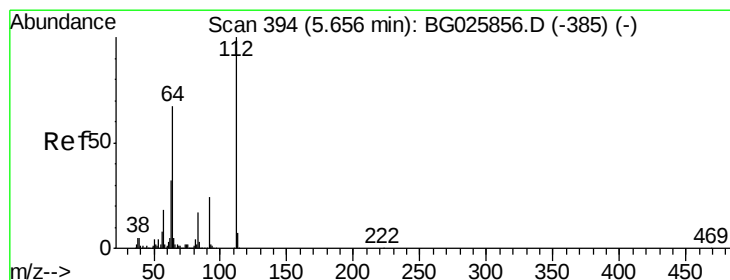
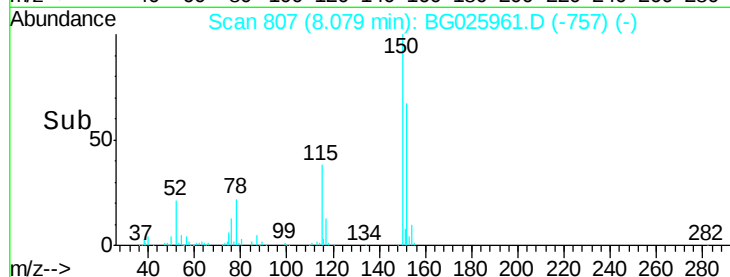
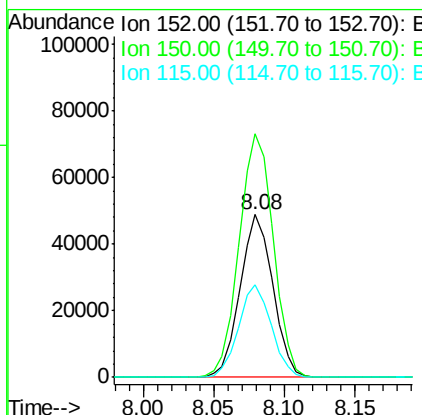
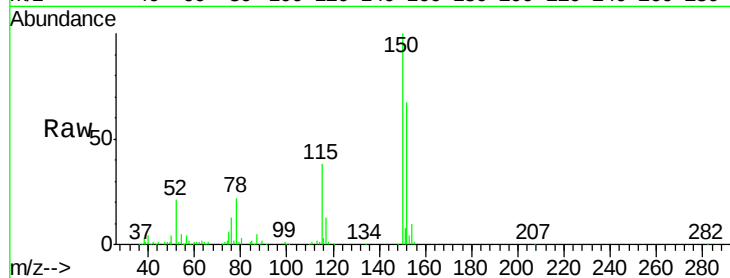


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG025961.D
 Acq: 25 Feb 2017 10:18

Instrument :
 BNA_G
 ClientSampleId :
 022217-PPRT-F-U-M

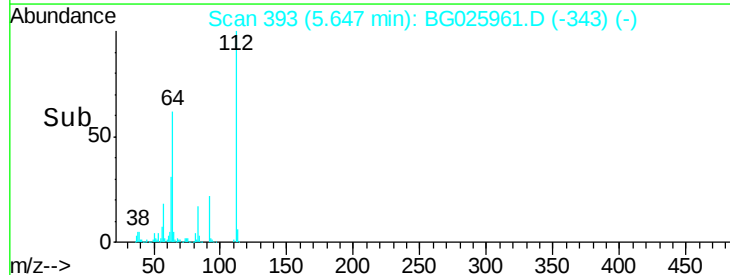
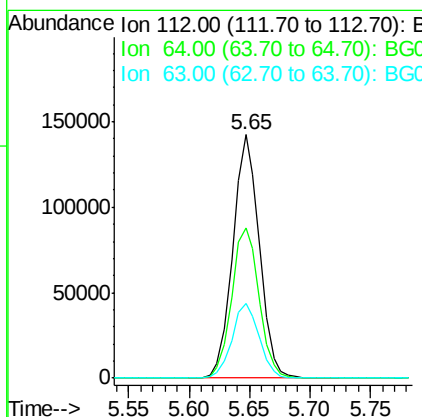
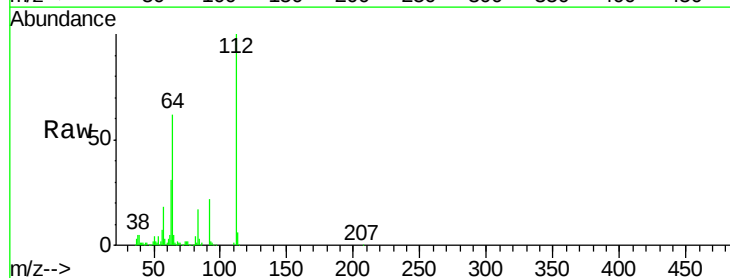
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.0	114.0	171.0
115	57.3	48.1	72.1

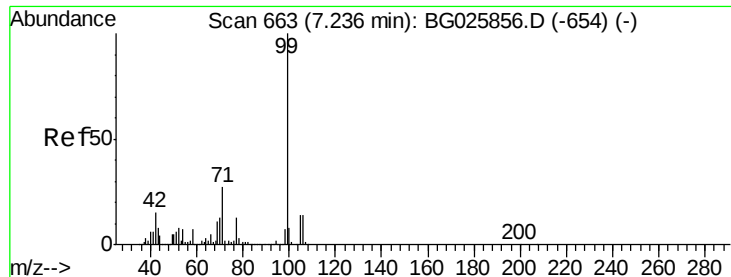


#5

2-Fluorophenol
 Concen: 47.66 ng
 RT: 5.65 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG025961.D
 Acq: 25 Feb 2017 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	61.8	92.6
63	30.7	37.2	55.8#





#7

Phenol-d6

Concen: 28.66 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025961.D

Acq: 25 Feb 2017 10:18

Instrument :

BNA_G

ClientSampleId :

022217-PPRT-F-U-M

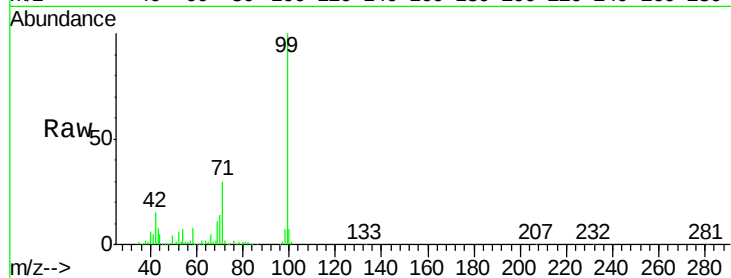
Tgt Ion: 99 Resp: 193056

Ion Ratio Lower Upper

99 100

42 15.3 20.5 30.7#

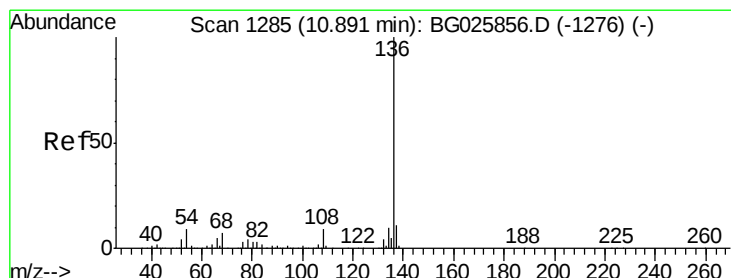
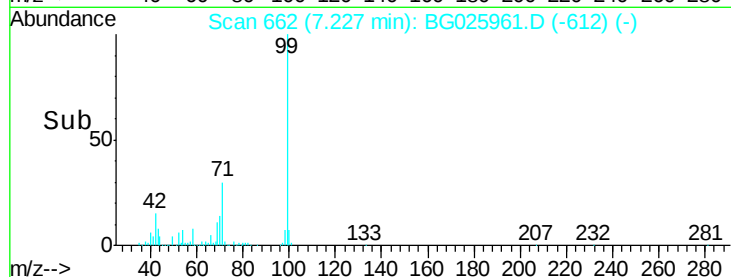
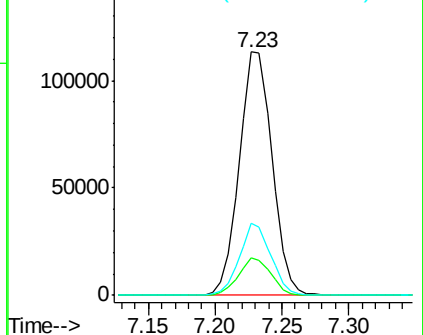
71 29.6 37.6 56.4#



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: BG025961.D

Acq: 25 Feb 2017 10:18

Tgt Ion: 136 Resp: 383868

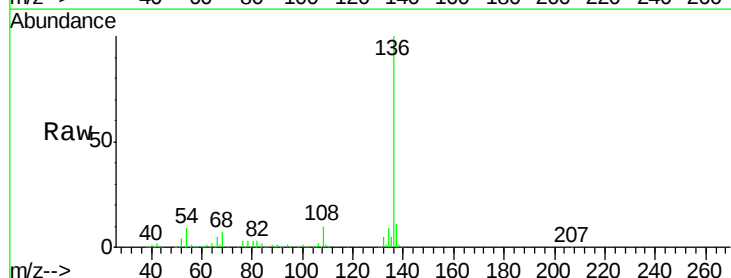
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.1 9.3 13.9#

68 7.0 5.1 7.7

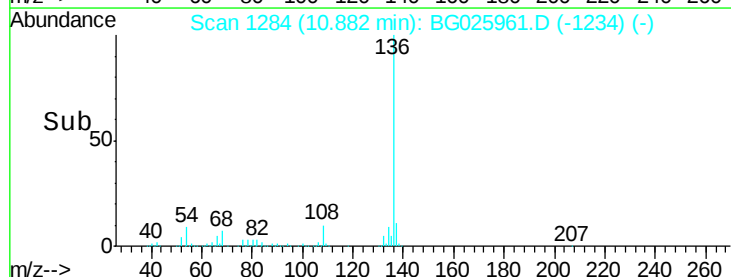
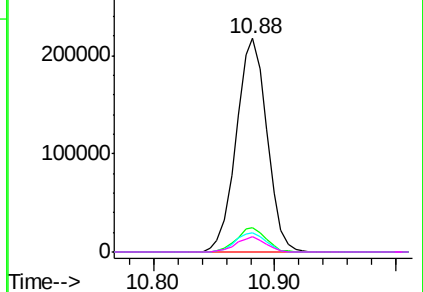


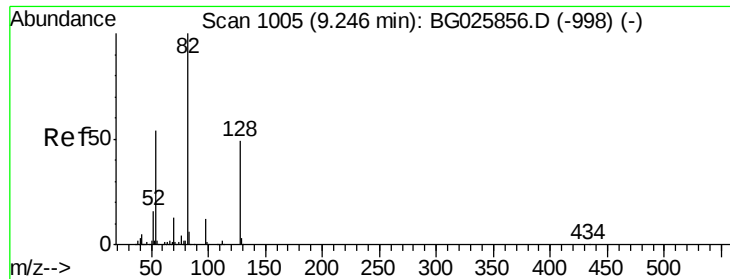
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

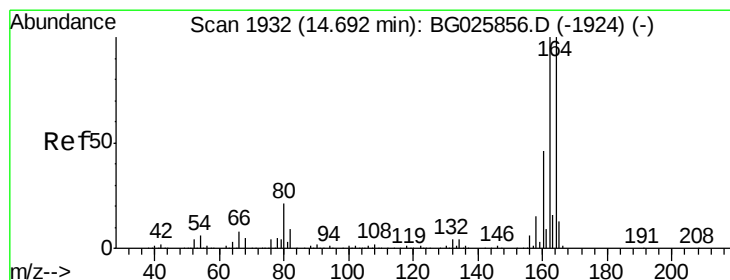
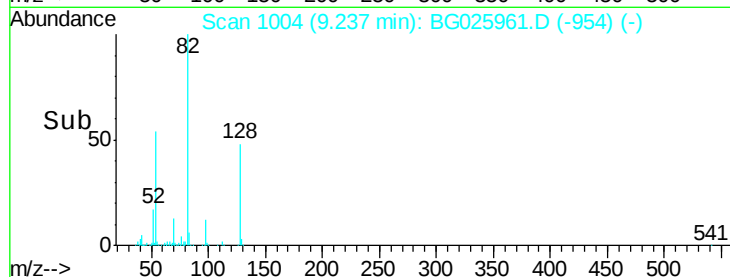
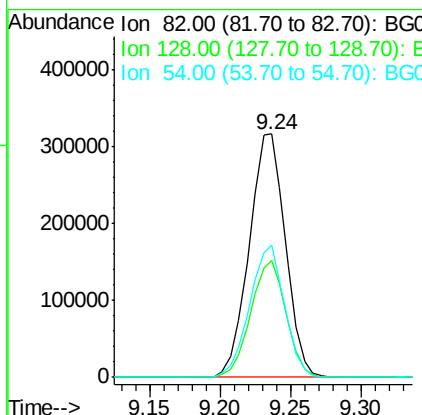
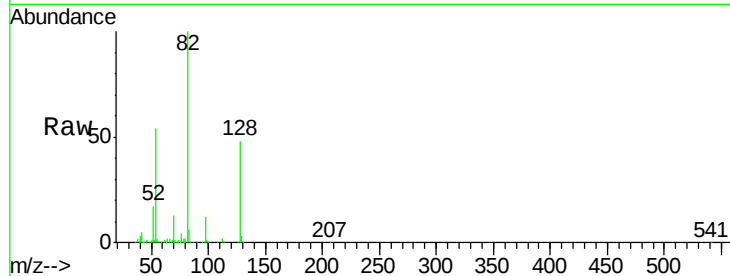




#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

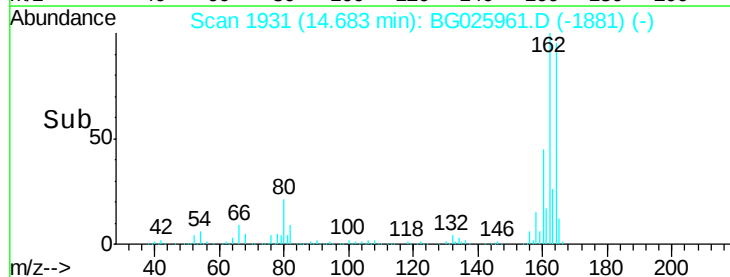
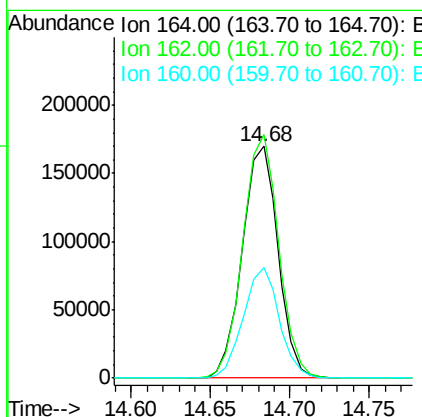
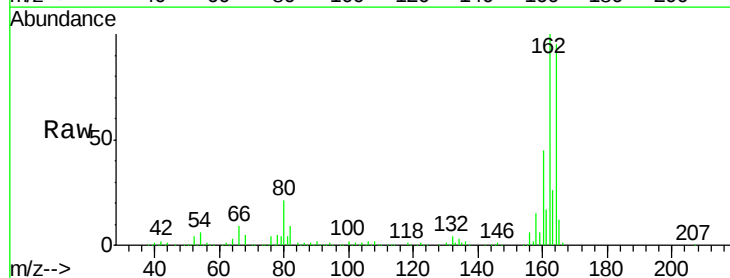
Instrument :
BNA_G
ClientSampleId :
022217-PPRT-F-U-M

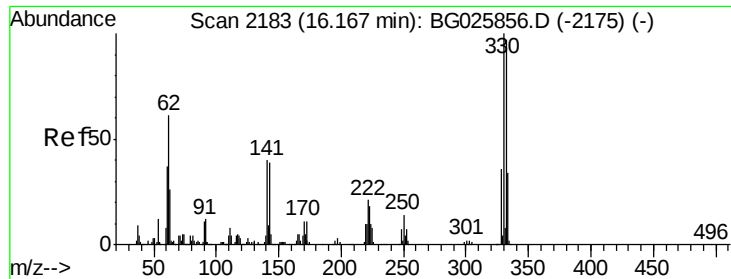
Tgt Ion: 82 Resp: 569522
Ion Ratio Lower Upper
82 100
128 48.2 26.4 39.6#
54 54.1 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

Tgt Ion: 164 Resp: 266350
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 47.7 34.7 52.1

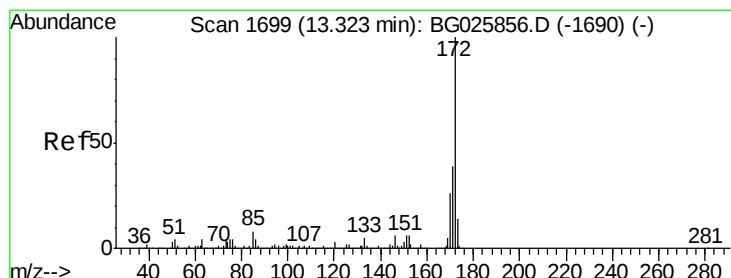
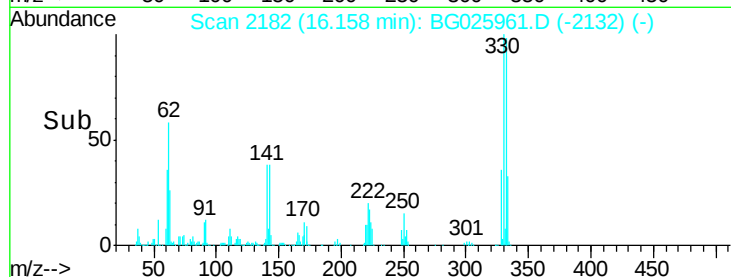
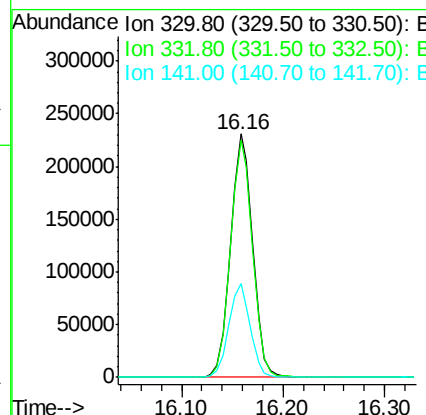
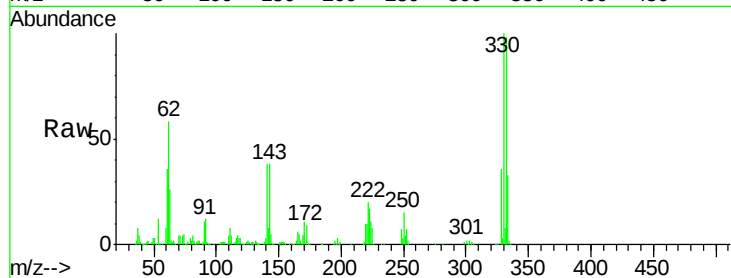




#41
2,4,6-Tribromophenol
Concen: 141.41 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

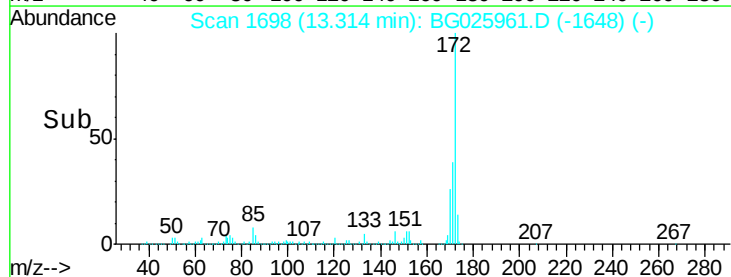
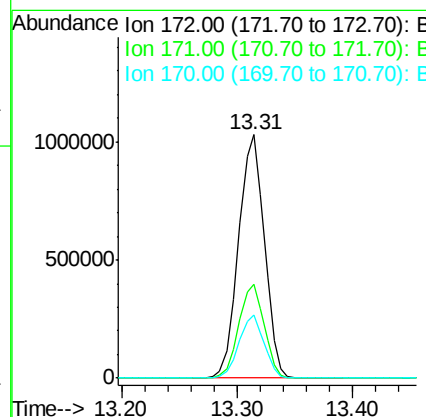
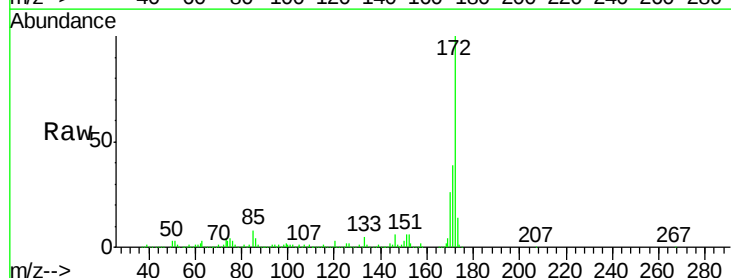
Instrument :
BNA_G
ClientSampleId :
022217-PPRT-F-U-M

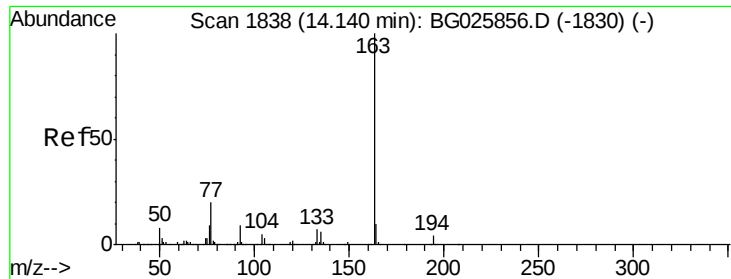
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	37.6	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 104.80 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.7	21.8	32.6





#49

Dimethylphthalate

Concen: 6.24 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025961.D

Acq: 25 Feb 2017 10:18

Instrument :

BNA_G

ClientSampleId :

022217-PPRT-F-U-M

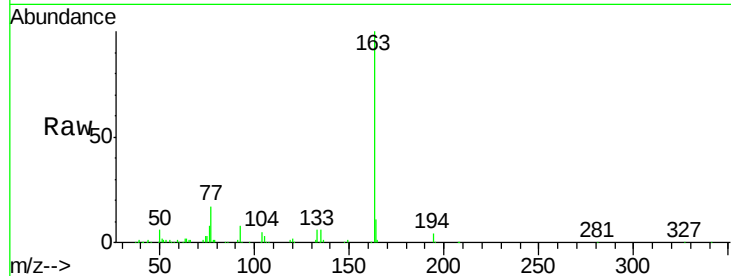
Tgt Ion:163 Resp: 114097

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

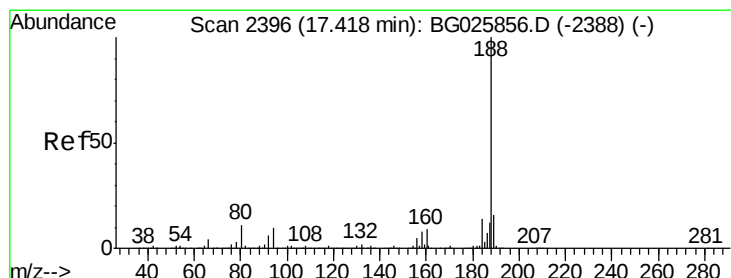
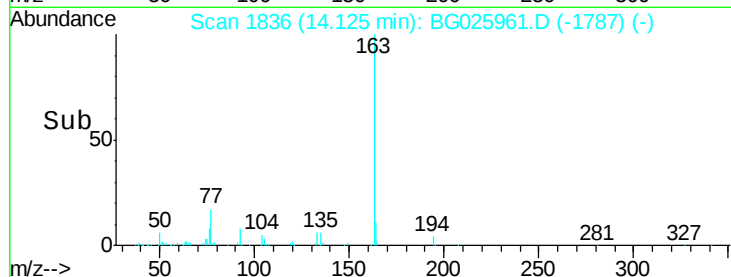
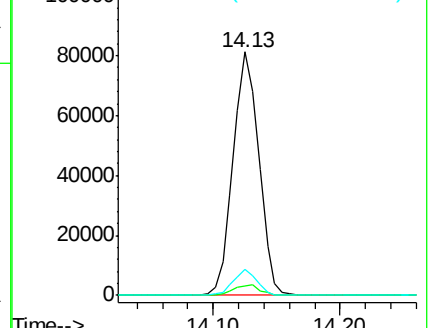
164 10.5 9.3 13.9



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: BG025961.D

Acq: 25 Feb 2017 10:18

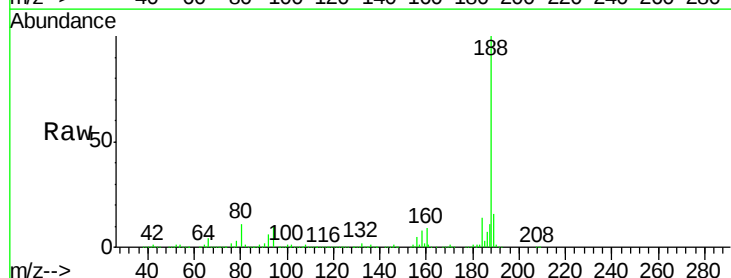
Tgt Ion:188 Resp: 751291

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

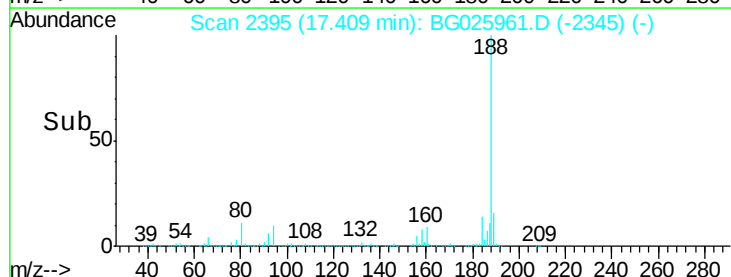
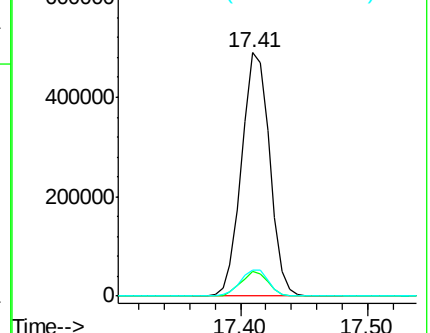
80 10.9 7.5 11.3

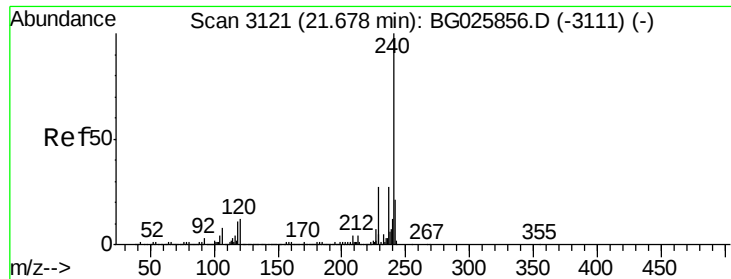


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

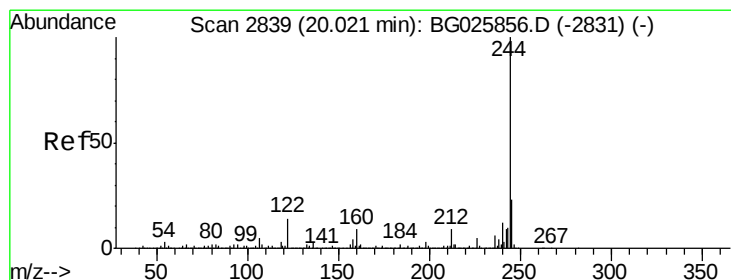
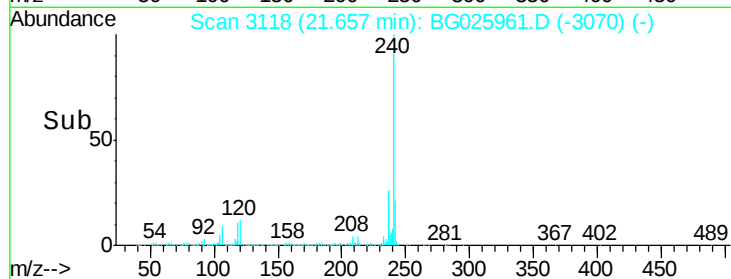
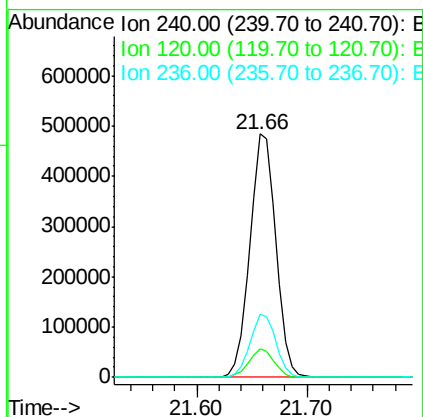
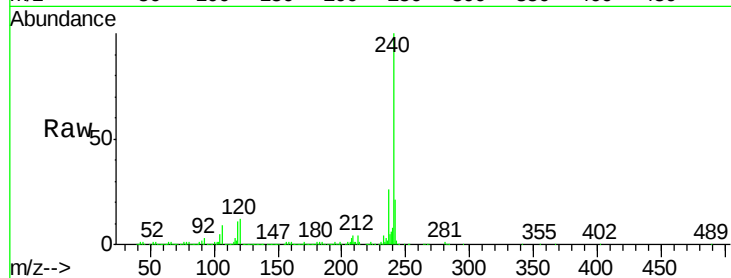




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

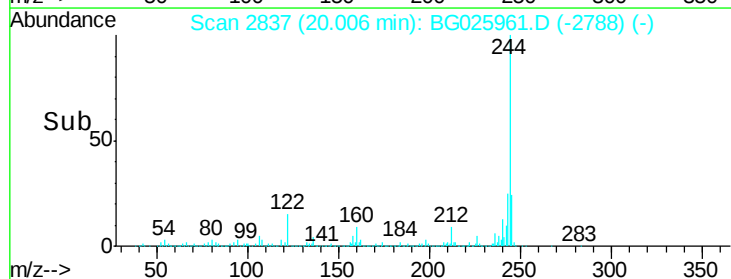
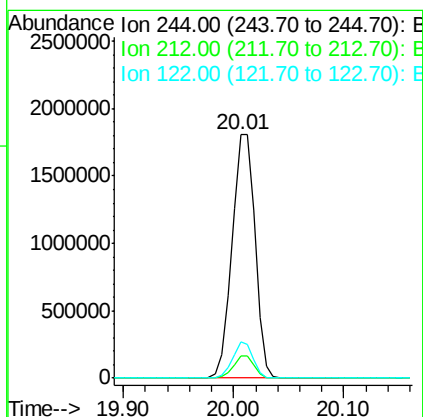
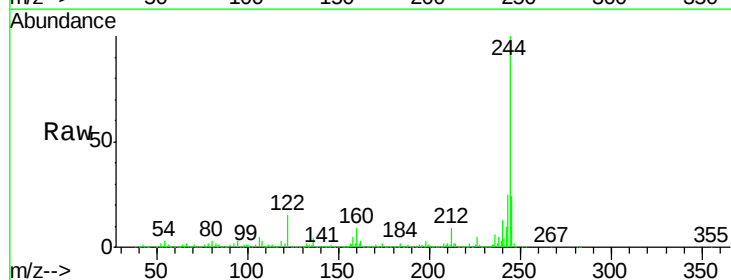
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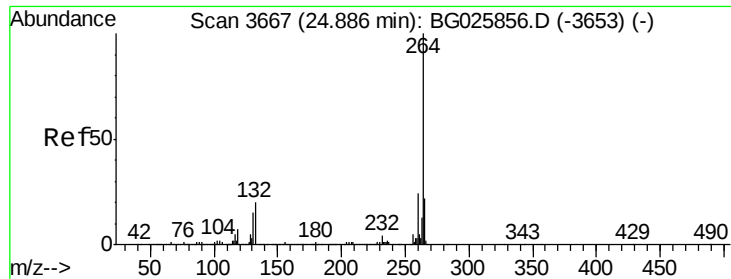
Tgt Ion:240 Resp: 800648
Ion Ratio Lower Upper
240 100
120 11.9 5.7 8.5#
236 26.1 22.2 33.4



#78
Terphenyl-d14
Concen: 80.53 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

Tgt Ion:244 Resp: 2651005
Ion Ratio Lower Upper
244 100
212 9.1 10.0 15.0#
122 14.8 8.6 12.8#

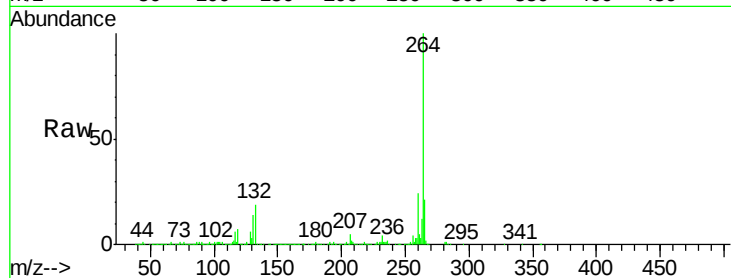




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG025961.D
Acq: 25 Feb 2017 10:18

Instrument :
BNA_G
ClientSampleId :
022217-PPRT-F-U-M

Tgt Ion:	264	Resp:	766000
Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.5	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

