

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026070.D
 Acq On : 3 Mar 2017 19:08
 Operator : SJ/MA
 Sample : I2081-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022717-PRRT-F-U-M

Quant Time: Mar 03 22:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

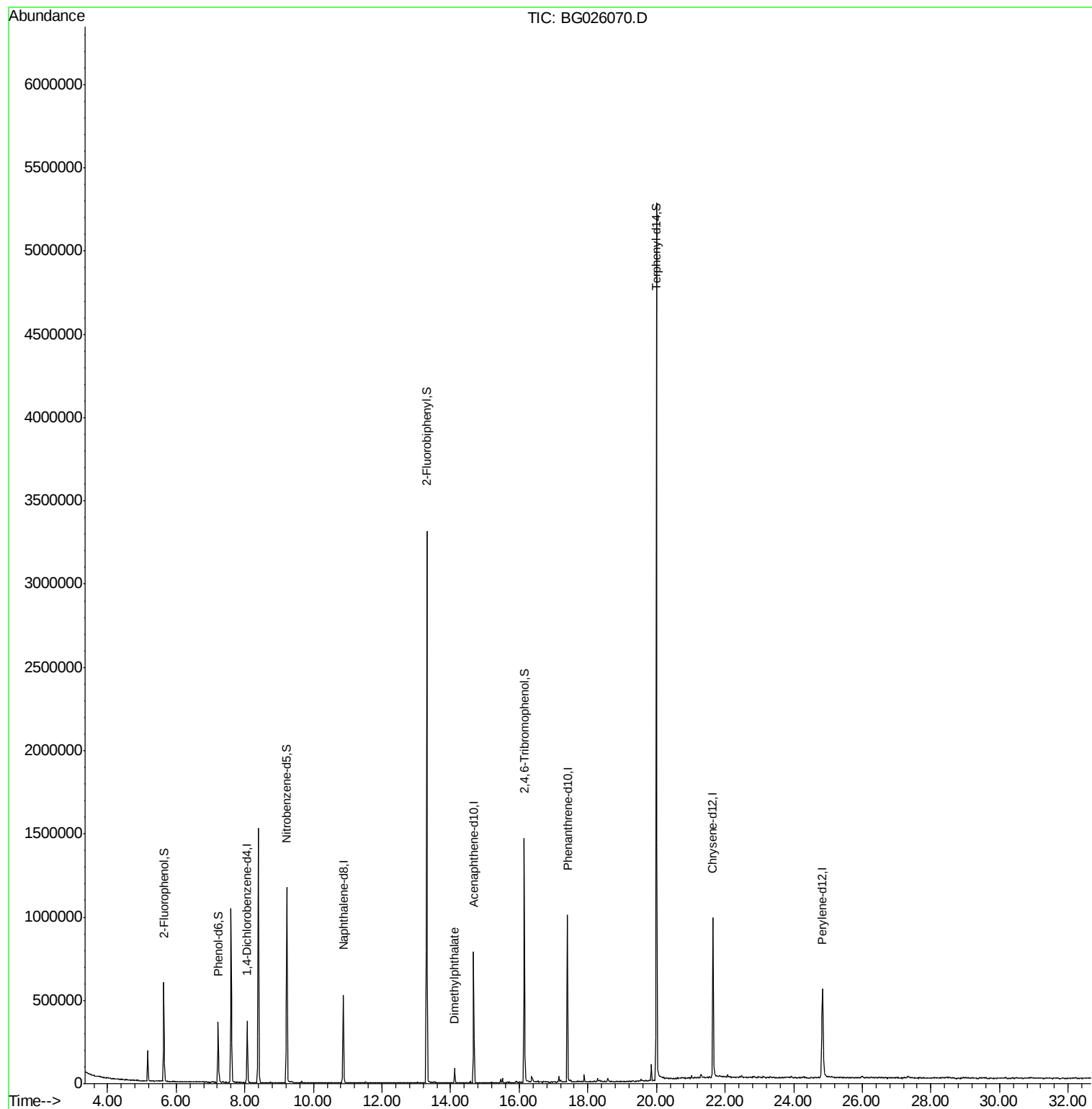
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117315	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	490889	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	277400	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	644805	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	624481	20.00	ng	-0.03
86) Perylene-d12	24.84	264	585121	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	293025	43.49	ng	-0.01
7) Phenol-d6	7.22	99	246448	24.72	ng	-0.01
23) Nitrobenzene-d5	9.22	82	731985	94.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	282418	110.20	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1780610	112.16	ng	-0.02
78) Terphenyl-d14	20.00	244	2238049	87.16	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.11	163	63258	3.32	ng	Qvalue # 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026070.D

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Instrument :

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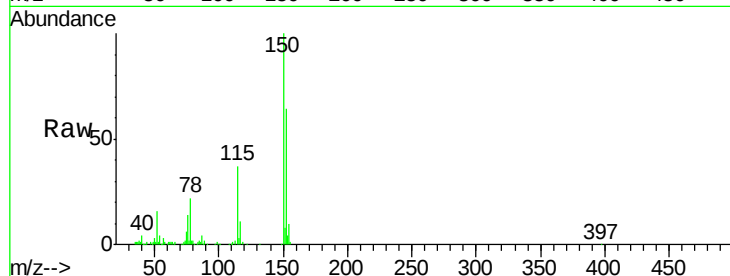
Tgt Ion:152 Resp: 117315

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

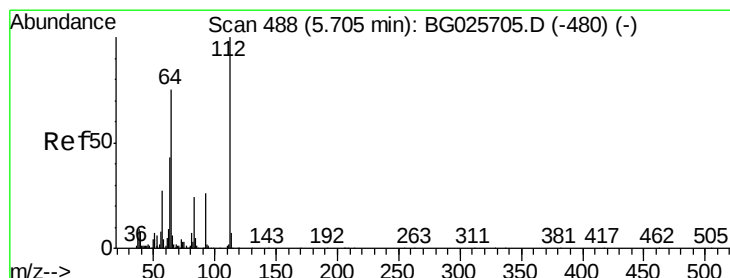
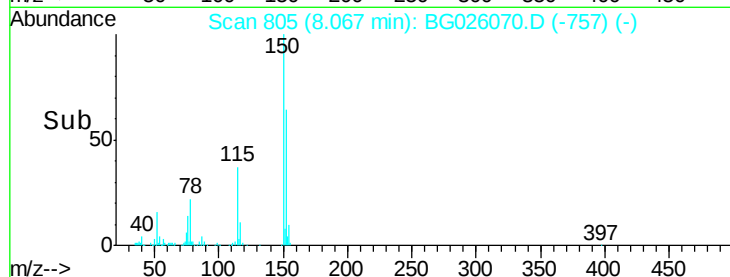
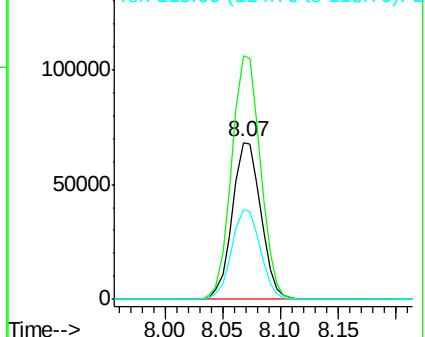
115 57.4 48.1 72.1



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: 43.49 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026070.D

Acq: 3 Mar 2017 19:08

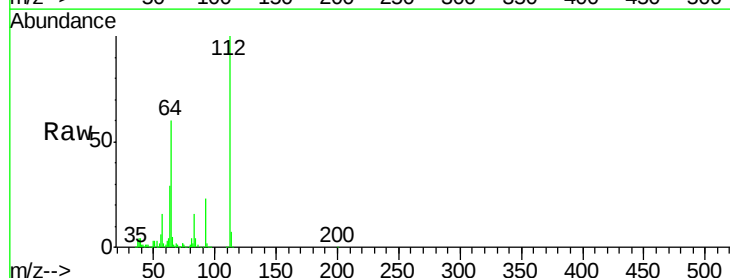
Tgt Ion:112 Resp: 293025

Ion Ratio Lower Upper

112 100

64 59.8 61.8 92.6#

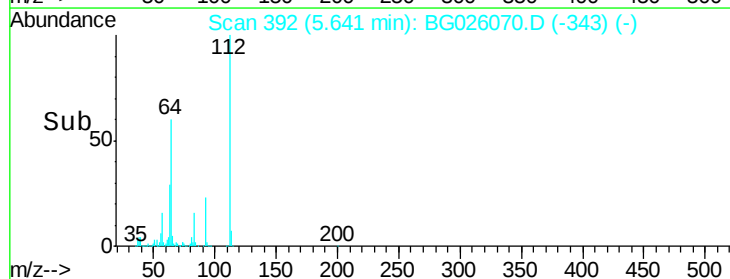
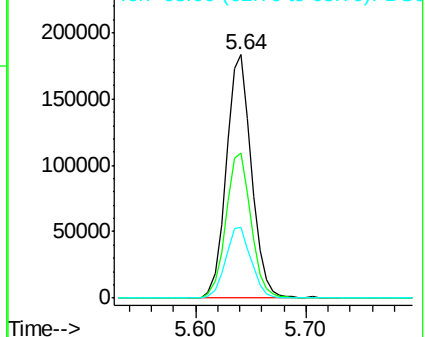
63 29.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.72 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026070.D

Acq: 3 Mar 2017 19:08

Instrument :

BNA_G

ClientSampleId :

022717-PRRT-F-U-M

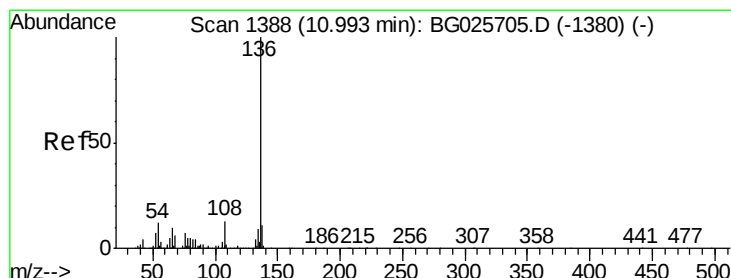
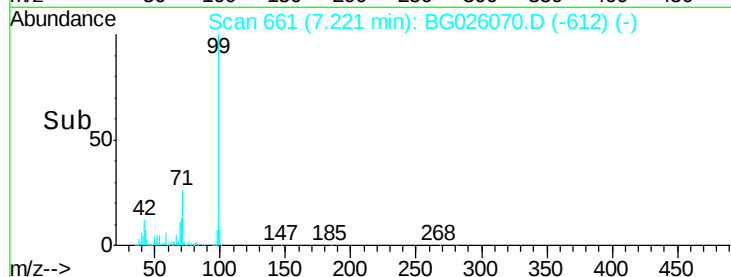
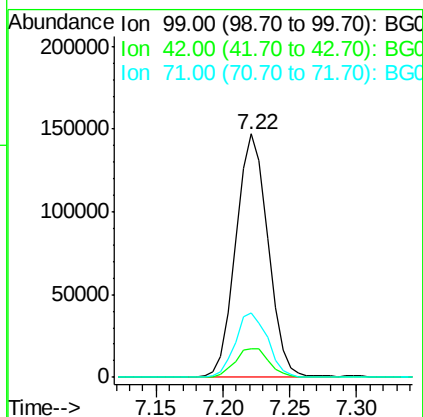
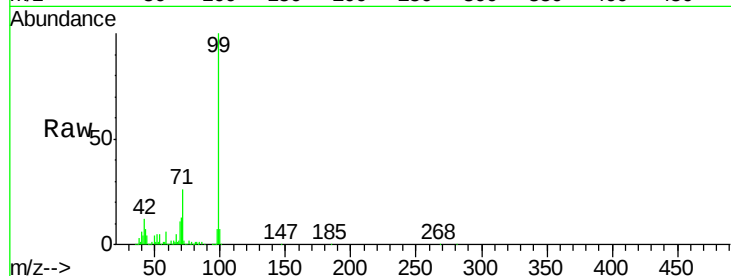
Tgt Ion: 99 Resp: 246448

Ion Ratio Lower Upper

99 100

42 11.8 20.5 30.7#

71 26.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026070.D

Acq: 3 Mar 2017 19:08

Tgt Ion: 136 Resp: 490889

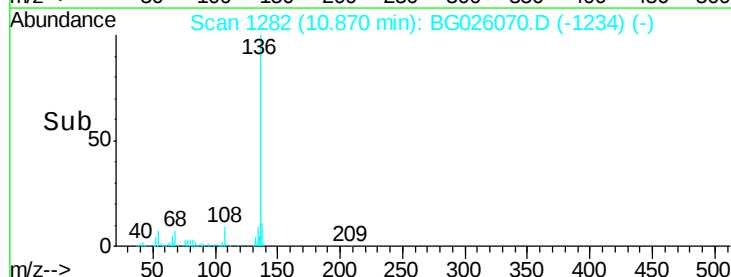
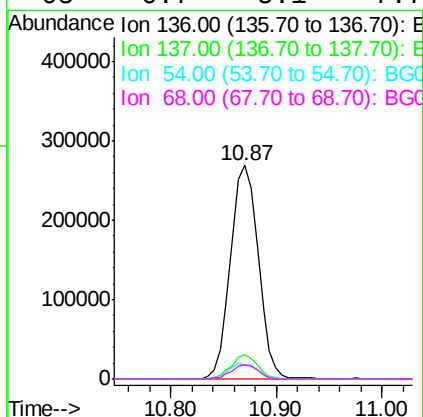
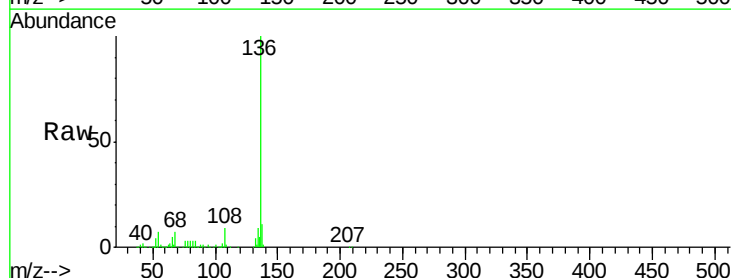
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.7 9.3 13.9#

68 6.7 5.1 7.7

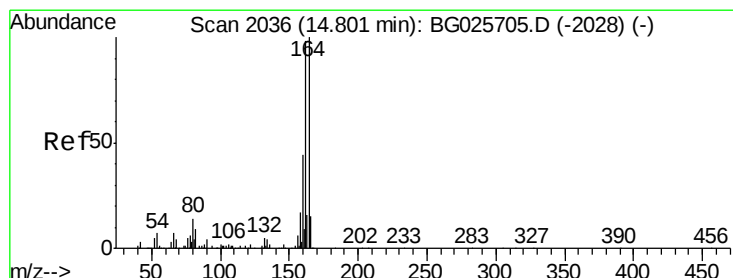
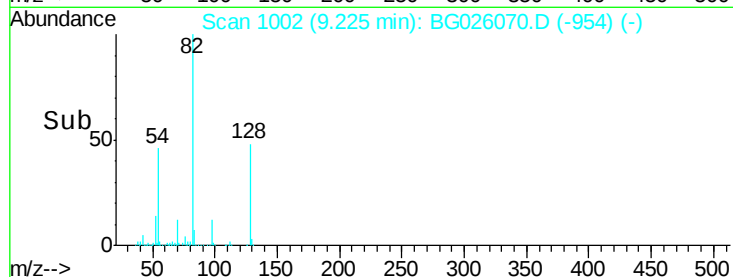
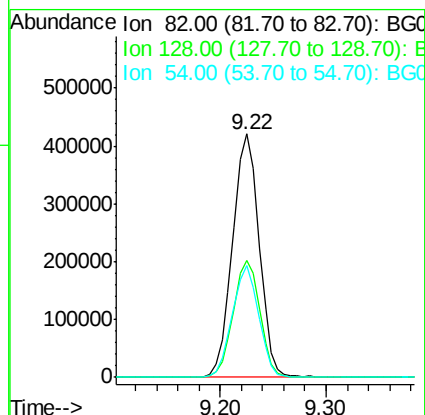
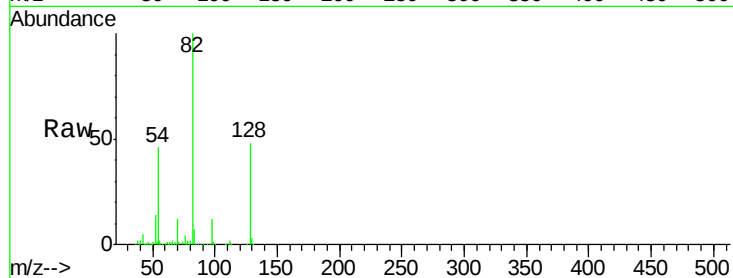




#23
 Nitrobenzene-d5
 Concen: 94.10 ng
 RT: 9.22 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026070.D
 Acq: 3 Mar 2017 19:08

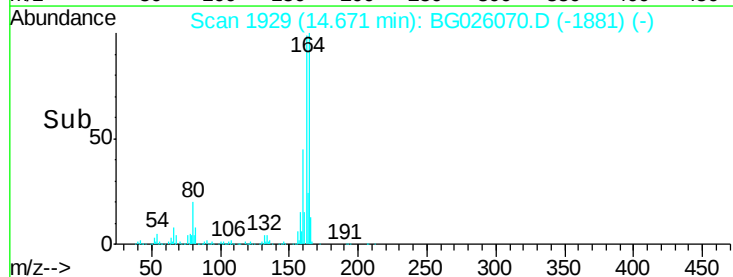
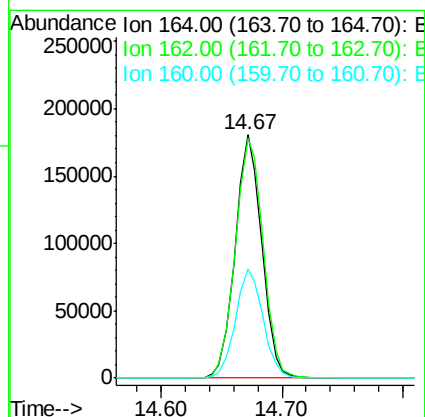
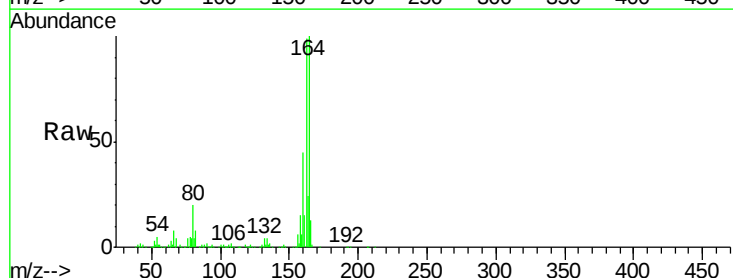
Instrument :
 BNA_G
 ClientSampleId :
 022717-PRRT-F-U-M

Tgt Ion: 82 Resp: 731985
 Ion Ratio Lower Upper
 82 100
 128 48.1 26.4 39.6#
 54 45.7 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026070.D
 Acq: 3 Mar 2017 19:08

Tgt Ion: 164 Resp: 277400
 Ion Ratio Lower Upper
 164 100
 162 98.5 85.1 127.7
 160 44.8 34.7 52.1

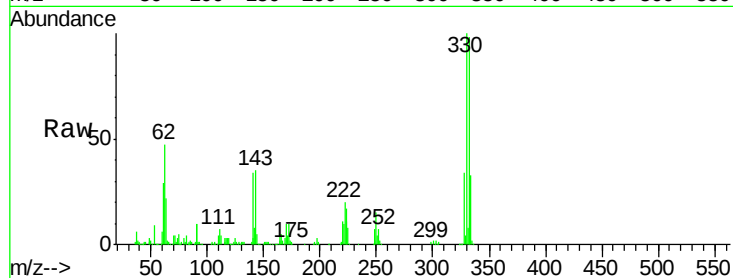




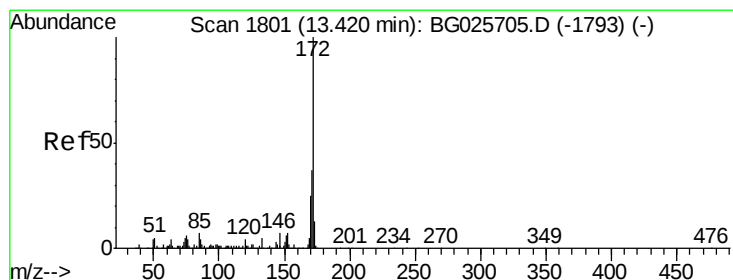
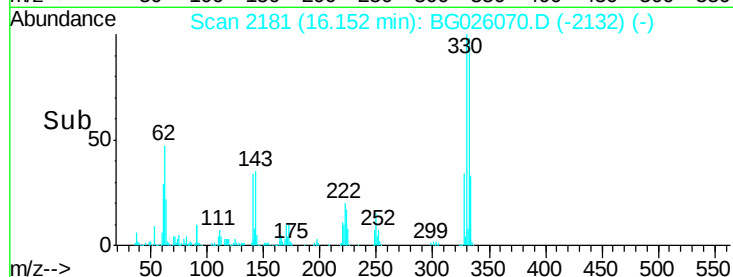
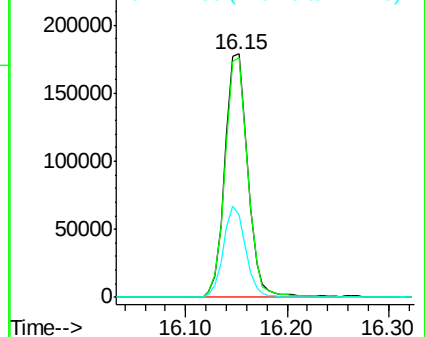
#41
2,4,6-Tribromophenol
Concen: 110.20 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026070.D
Acq: 3 Mar 2017 19:08

Instrument :
BNA_G
ClientSampleId :
022717-PRRT-F-U-M

Tgt Ion:330 Resp: 282418
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 36.4 32.1 48.1

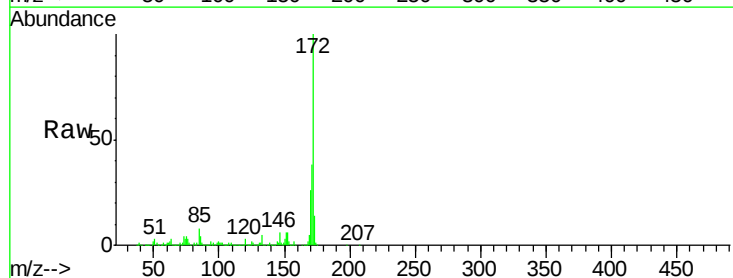


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

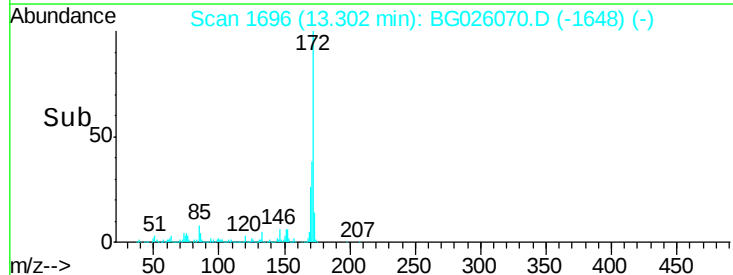
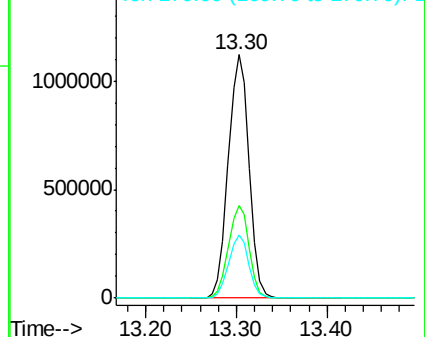


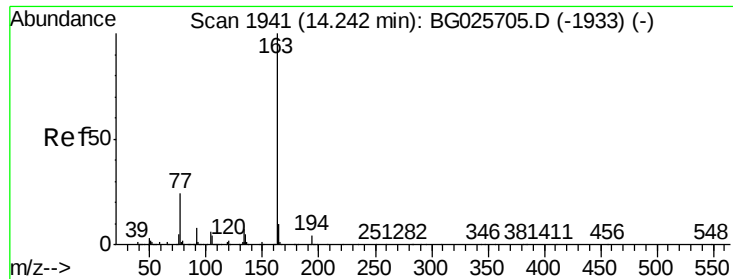
#44
2-Fluorobiphenyl
Concen: 112.16 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026070.D
Acq: 3 Mar 2017 19:08

Tgt Ion:172 Resp: 1780610
Ion Ratio Lower Upper
172 100
171 38.0 32.2 48.2
170 26.0 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.32 ng

RT: 14.11 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG026070.D

Acq: 3 Mar 2017 19:08

Instrument :

BNA_G

ClientSampleId :

022717-PRRT-F-U-M

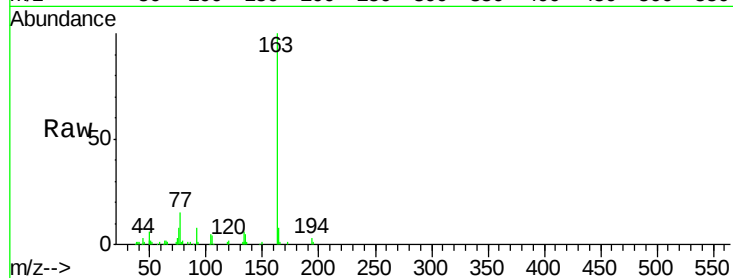
Tgt Ion:163 Resp: 63258

Ion Ratio Lower Upper

163 100

194 3.3 3.8 5.6#

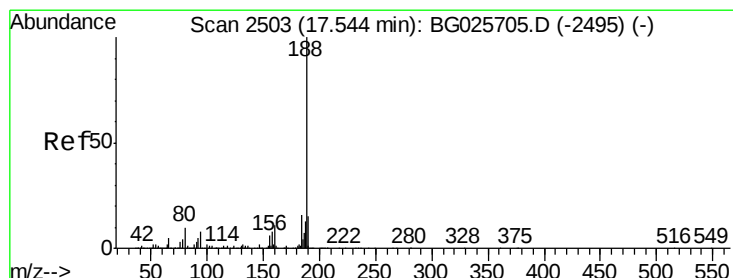
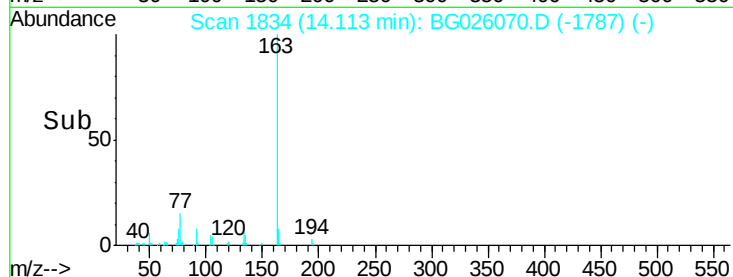
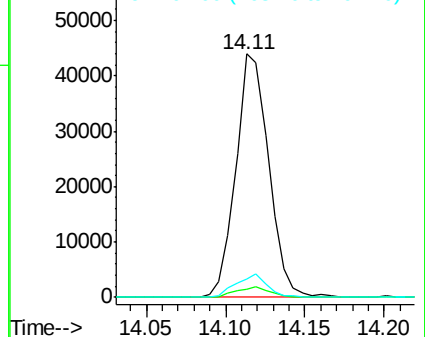
164 7.8 9.3 13.9#



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: 17.40 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026070.D

Acq: 3 Mar 2017 19:08

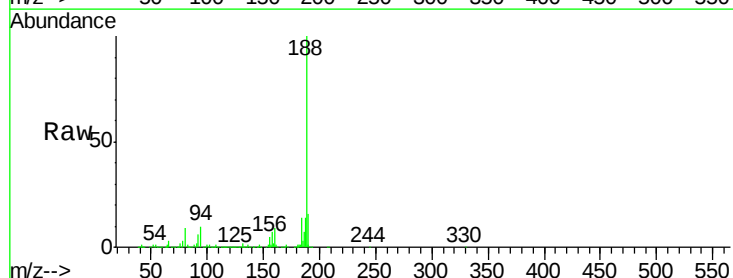
Tgt Ion:188 Resp: 644805

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

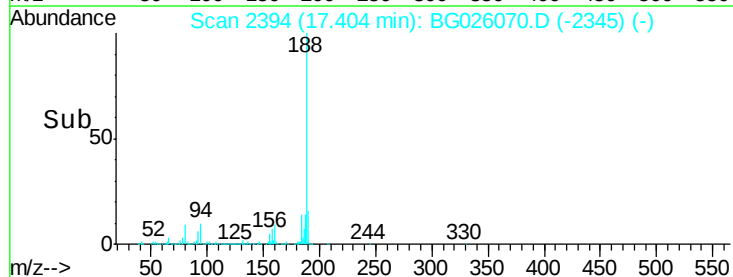
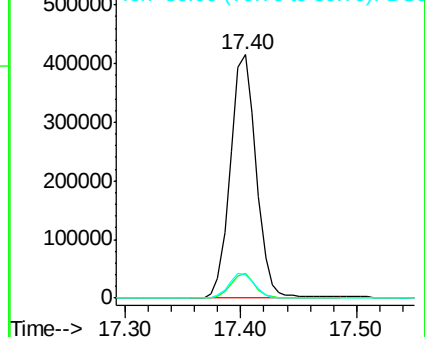
80 9.5 7.5 11.3

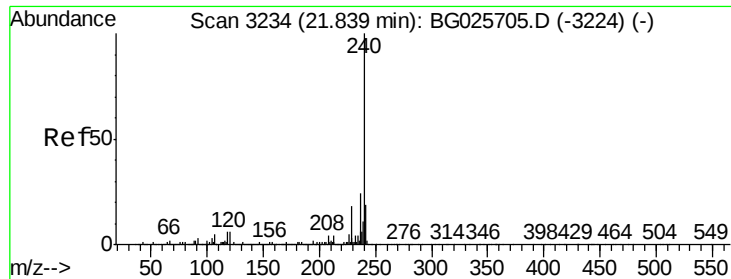


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

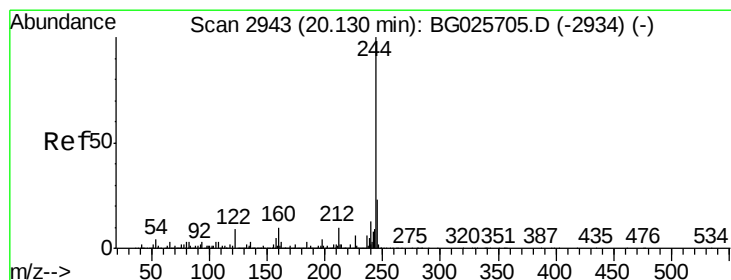
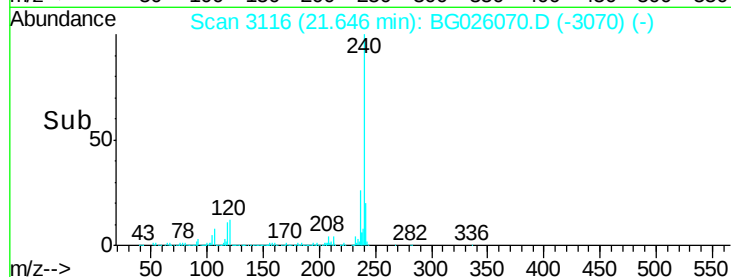
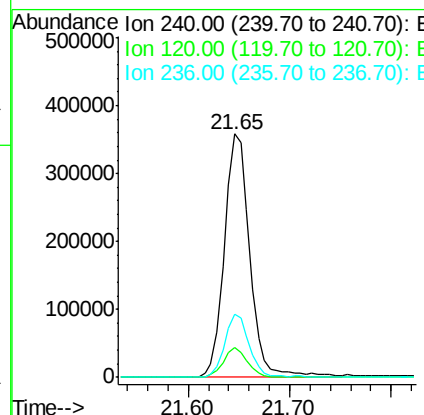
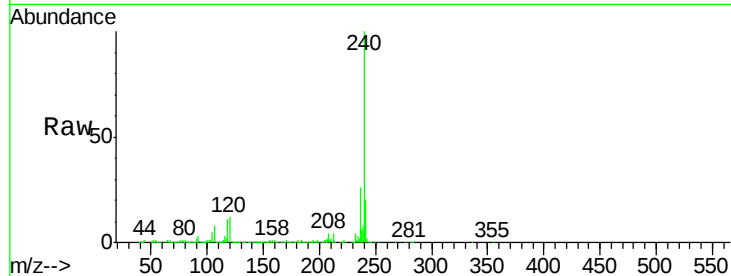




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026070.D
Acq: 3 Mar 2017 19:08

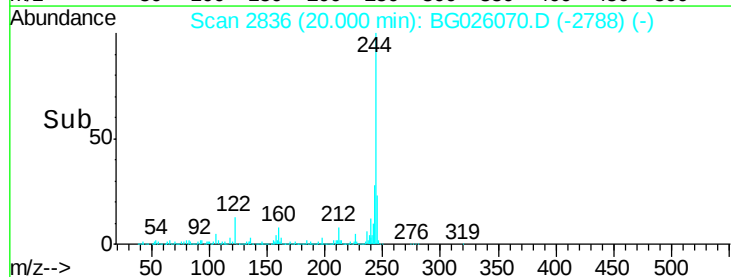
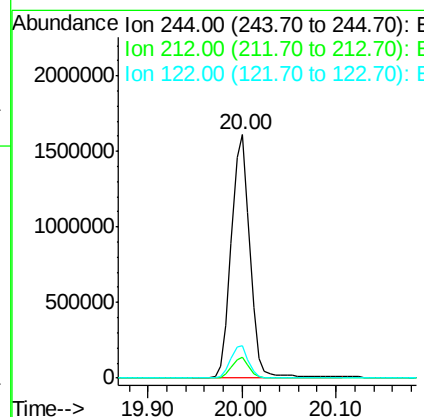
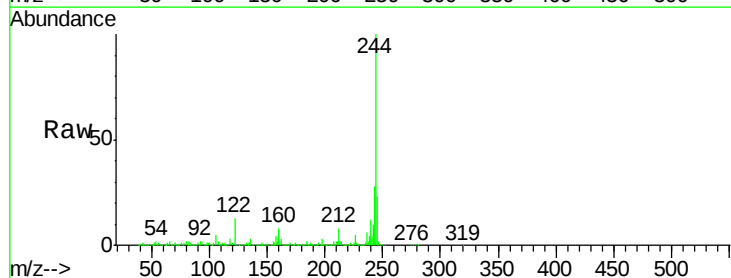
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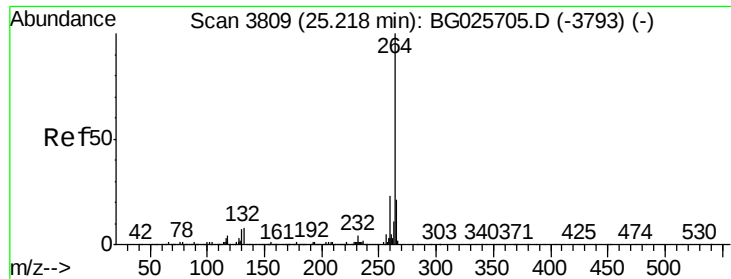
Tgt Ion:240 Resp: 624481
Ion Ratio Lower Upper
240 100
120 12.2 5.7 8.5#
236 26.2 22.2 33.4



#78
Terphenyl-d14
Concen: 87.16 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026070.D
Acq: 3 Mar 2017 19:08

Tgt Ion:244 Resp: 2238049
Ion Ratio Lower Upper
244 100
212 8.4 10.0 15.0#
122 13.2 8.6 12.8#

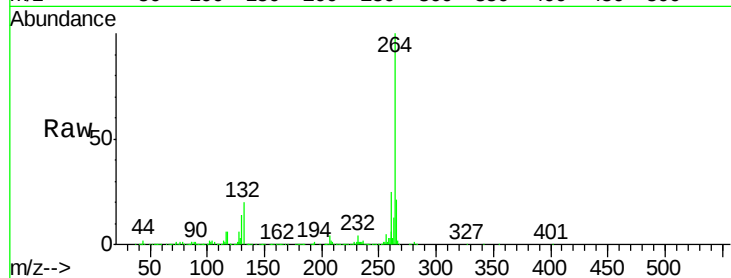




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026070.D
Acq: 3 Mar 2017 19:08

Instrument :
BNA_G
ClientSampleId :
022717-PRRT-F-U-M

Tgt Ion:	264	Resp:	585121
Ion	Ratio	Lower	Upper
264	100		
260	25.2	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

