

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
 Data File : BG026074.D
 Acq On : 3 Mar 2017 21:46
 Operator : SJ/MA
 Sample : I2083-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 022817-PRRT-F-U-M

Quant Time: Mar 03 22:57:30 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

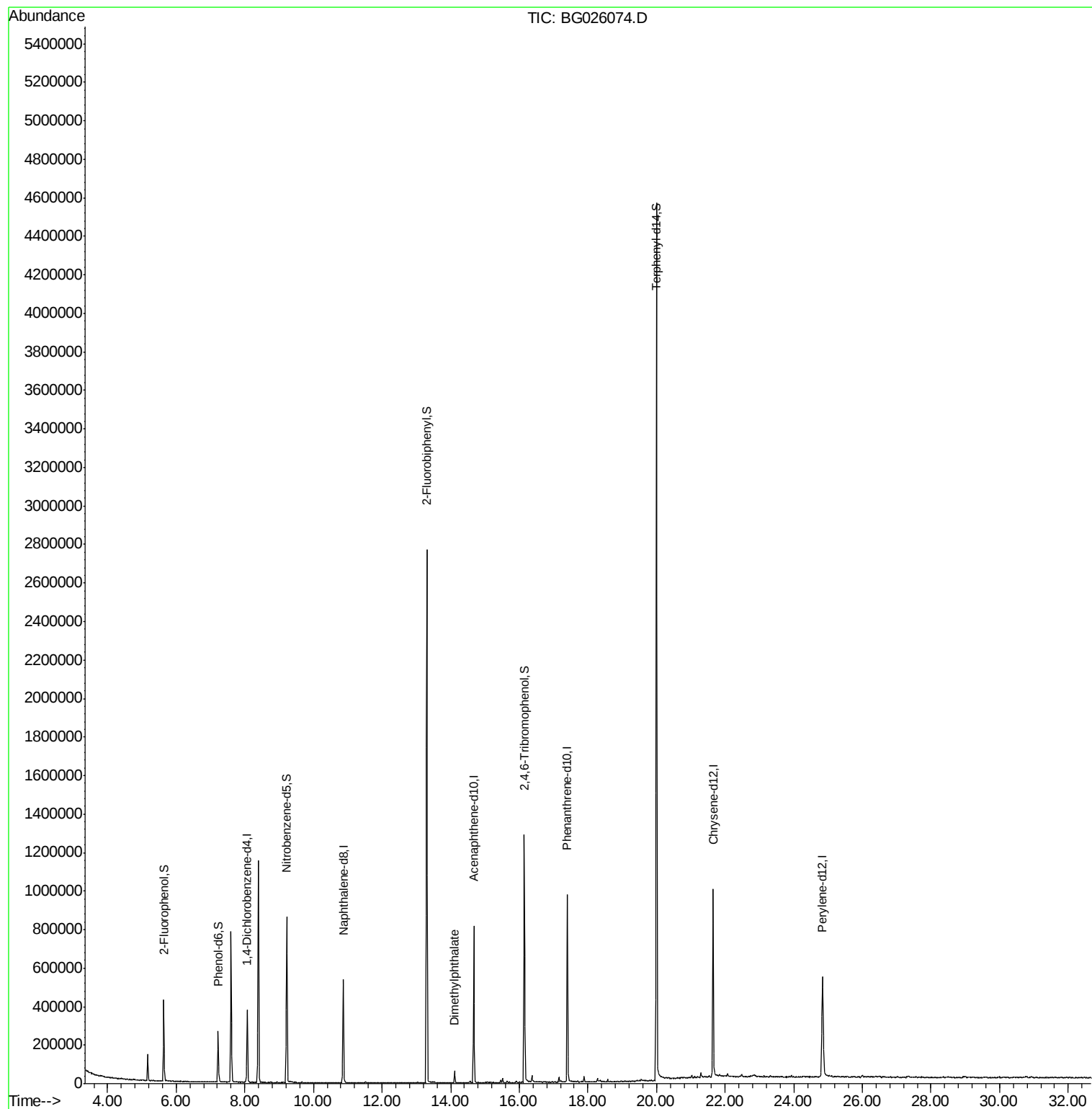
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117724	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	490983	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	278080	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	640569	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	609259	20.00	ng	-0.03
86) Perylene-d12	24.84	264	582111	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	208894	30.89	ng	-0.02
7) Phenol-d6	7.22	99	175217	17.51	ng	-0.01
23) Nitrobenzene-d5	9.23	82	559560	71.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	249249	97.02	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1494831	93.93	ng	-0.02
78) Terphenyl-d14	20.00	244	2069706	82.62	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	47275	2.48	ng	Qvalue # 95

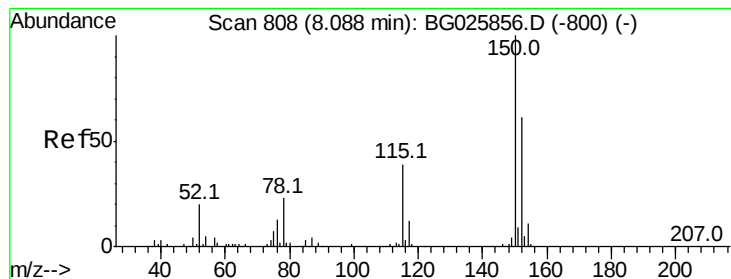
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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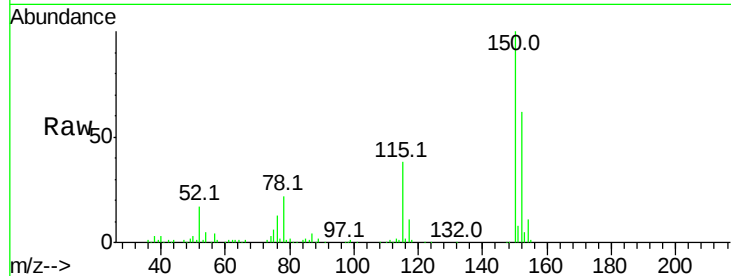


#1

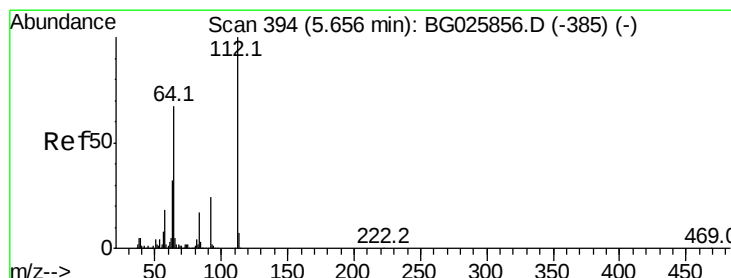
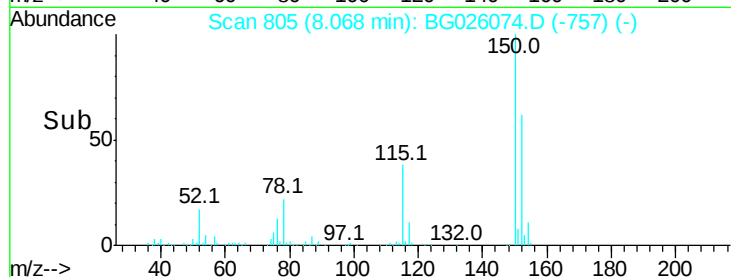
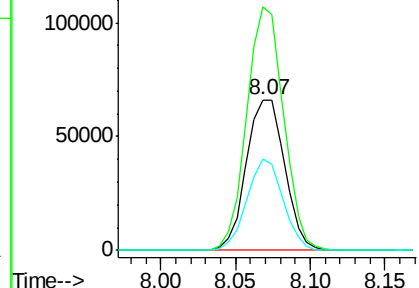
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG026074.D
Acq: 3 Mar 2017 21:46

Instrument :
BNA_G
ClientSampleId :
022817-PRRT-F-U-M

Tot Ion:152 Resp: 117724
Ion Ratio Lower Upper
152 100
150 161.6 114.0 171.0
115 60.9 48.1 72.1



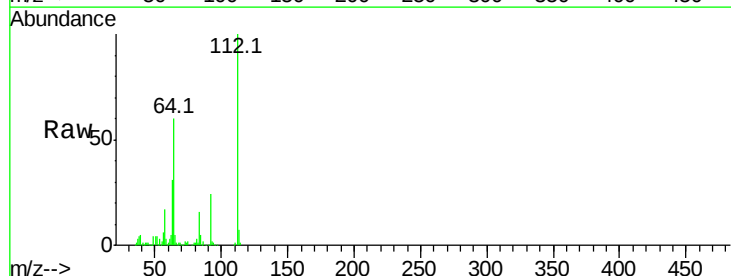
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



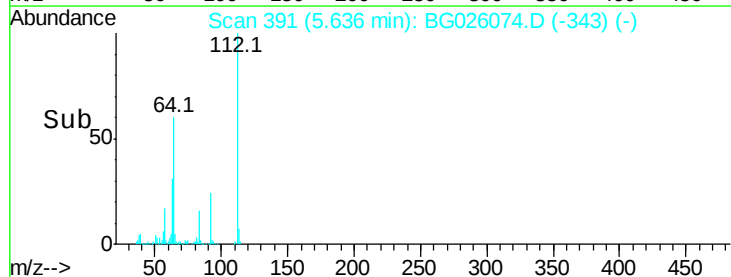
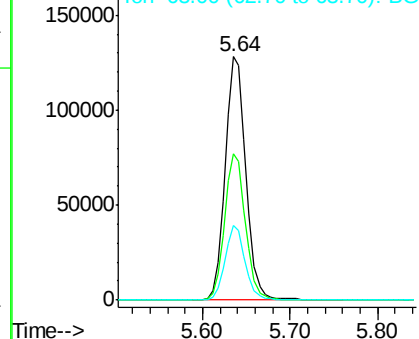
#5

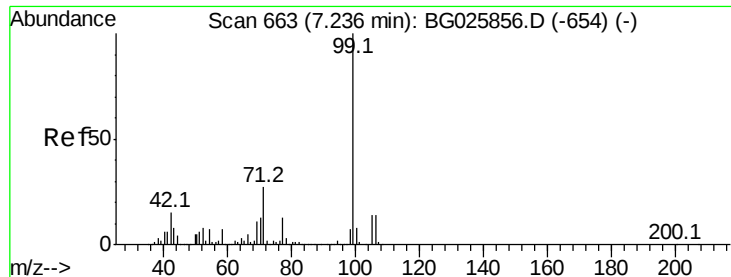
2-Fluorophenol
Concen: 30.89 ng
RT: 5.64 min Scan# 391
Delta R.T. -0.02 min
Lab File: BG026074.D
Acq: 3 Mar 2017 21:46

Tgt Ion:112 Resp: 208894
Ion Ratio Lower Upper
112 100
64 60.3 61.8 92.6#
63 30.7 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: 17.51 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026074.D

Acq: 3 Mar 2017 21:46

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-U-M

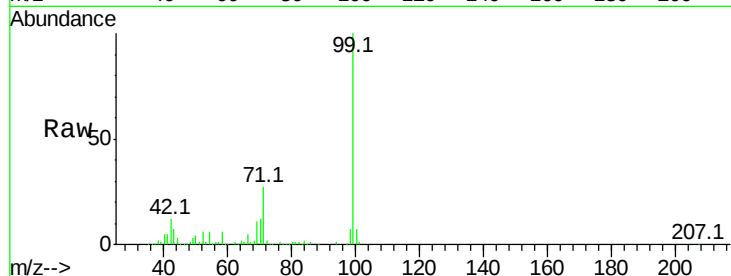
Tot Ion: 99 Resp: 175217

Ion Ratio Lower Upper

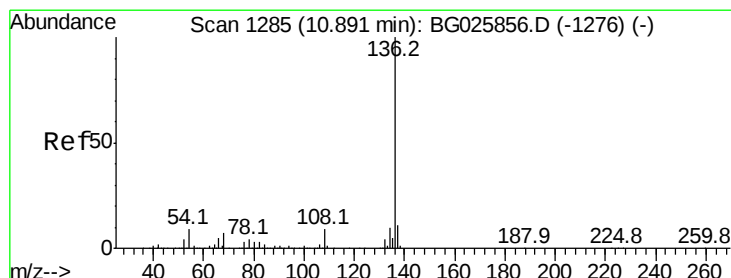
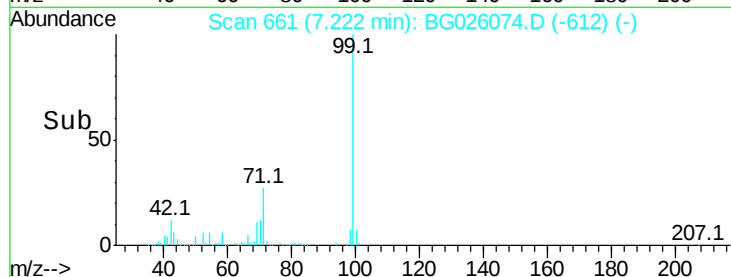
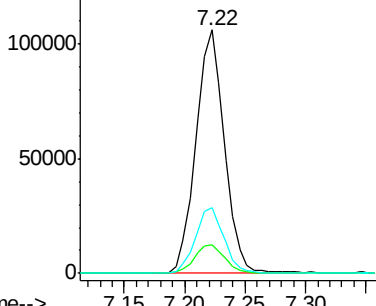
99 100

42 11.7 20.5 30.7#

71 27.2 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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026074.D

Acq: 3 Mar 2017 21:46

Tgt Ion: 136 Resp: 490983

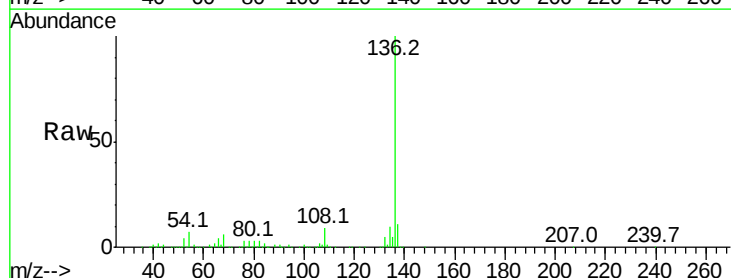
Ion Ratio Lower Upper

136 100

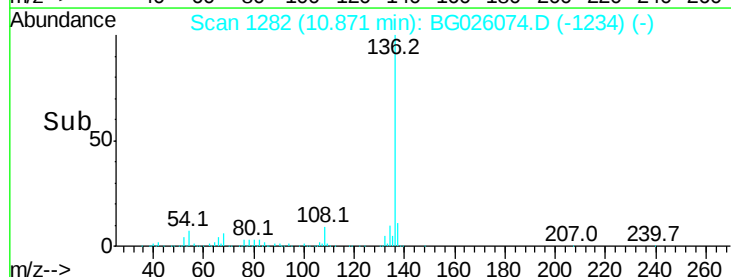
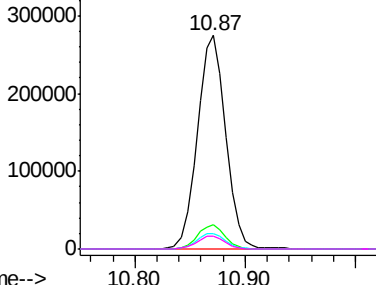
137 11.1 8.9 13.3

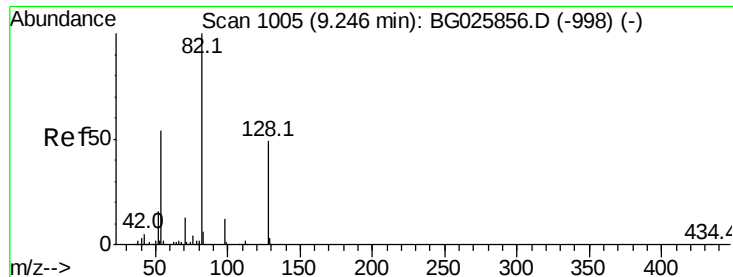
54 7.3 9.3 13.9#

68 6.2 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

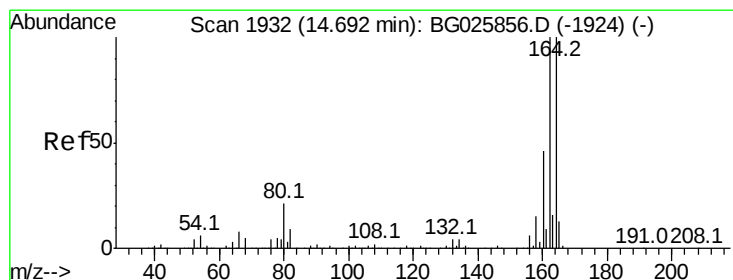
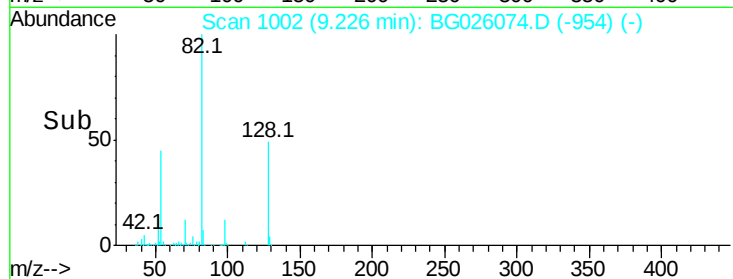
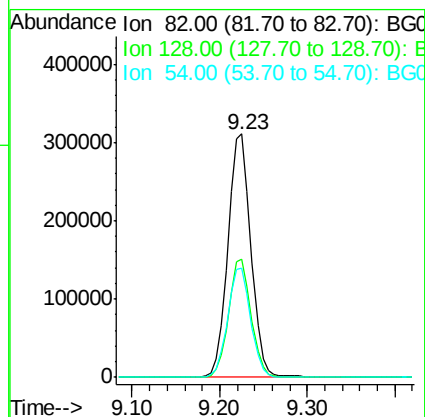
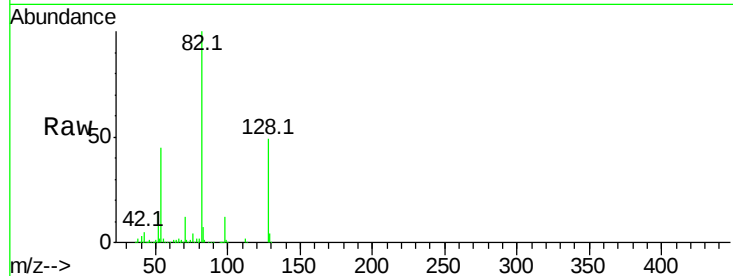




#23
 Nitrobenzene-d5
 Concen: 71.92 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026074.D
 Acq: 3 Mar 2017 21:46

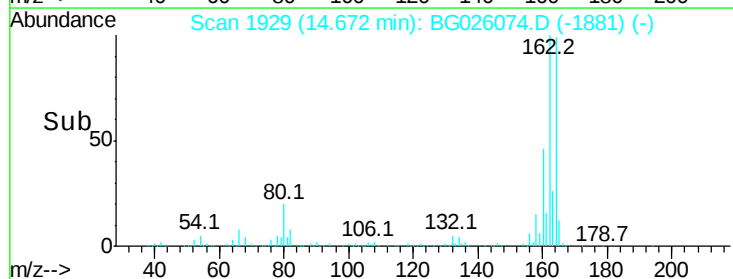
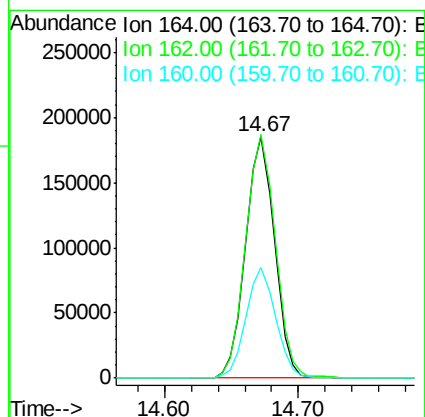
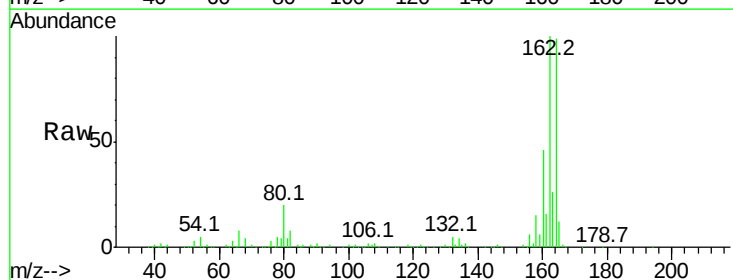
Instrument :
 BNA_G
 ClientSampleId :
 022817-PRRT-F-U-M

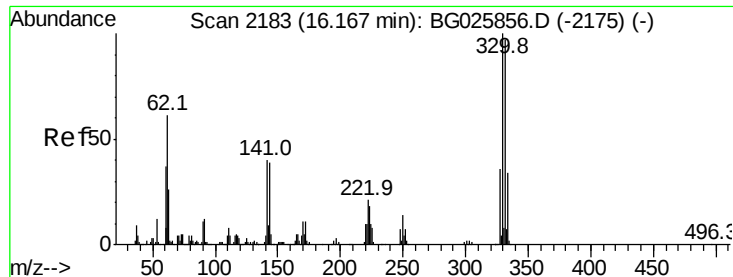
Tot Ion: 82 Resp: 559560
 Ion Ratio Lower Upper
 82 100
 128 48.6 26.4 39.6#
 54 45.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026074.D
 Acq: 3 Mar 2017 21:46

Tgt Ion: 164 Resp: 278080
 Ion Ratio Lower Upper
 164 100
 162 100.8 85.1 127.7
 160 45.9 34.7 52.1

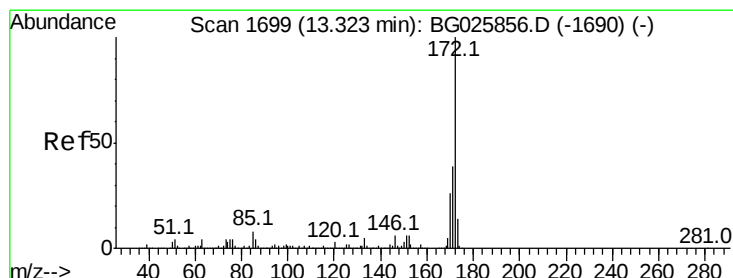
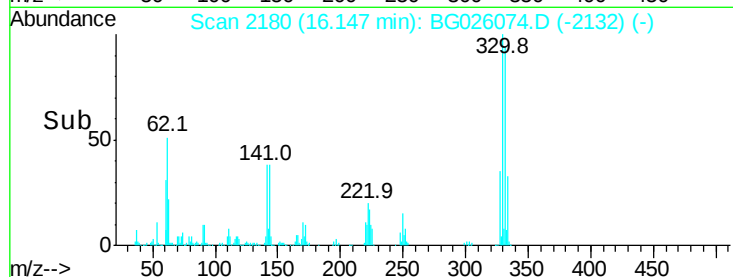
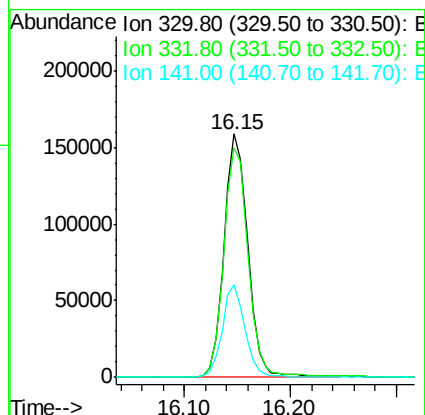
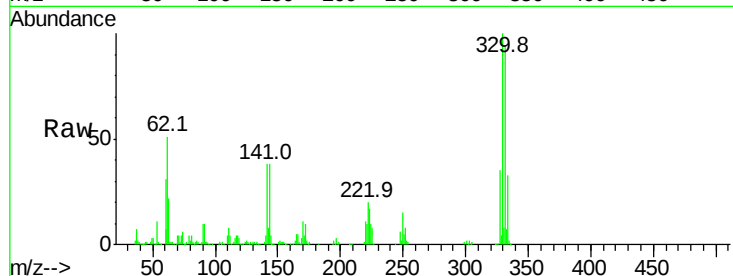




#41
2,4,6-Tribromophenol
Concen: 97.02 ng
RT: 16.15 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BG026074.D
Acq: 3 Mar 2017 21:46

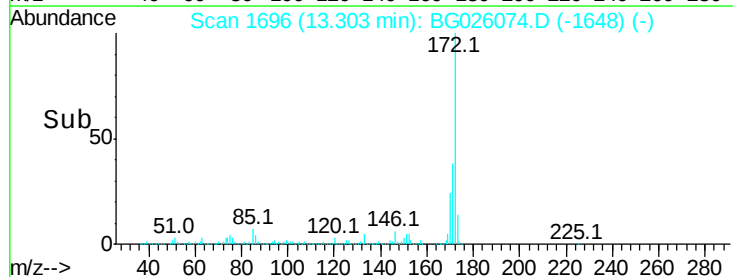
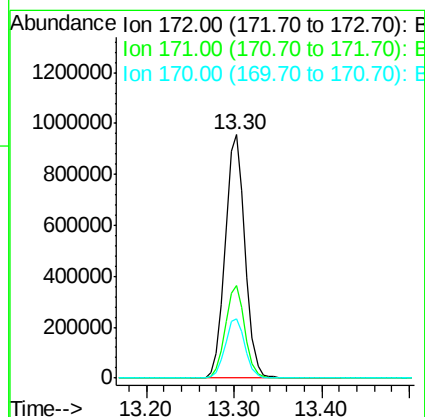
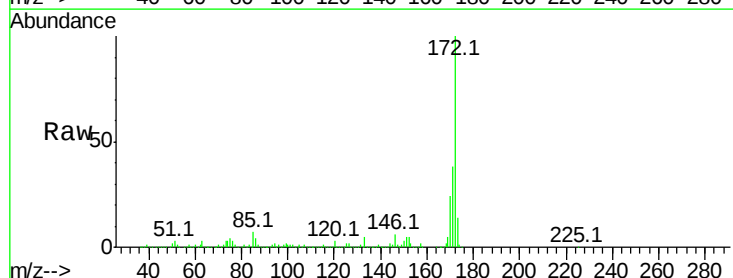
Instrument :
BNA_G
ClientSampleId :
022817-PRRT-F-U-M

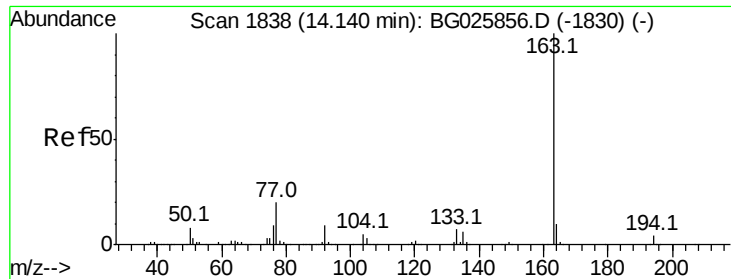
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	36.4	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 93.93 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026074.D
Acq: 3 Mar 2017 21:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.2	21.8	32.6





#49

Dimethylphthalate

Concen: 2.48 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026074.D

Acq: 3 Mar 2017 21:46

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-U-M

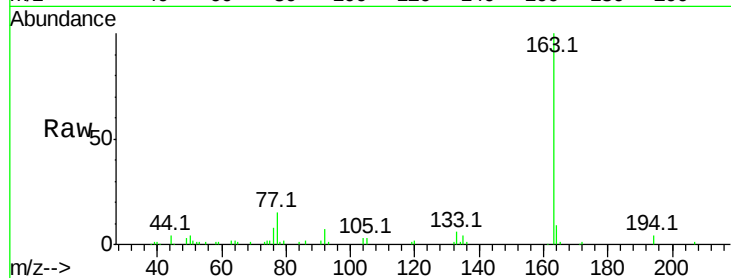
Tot Ion:163 Resp: 47275

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

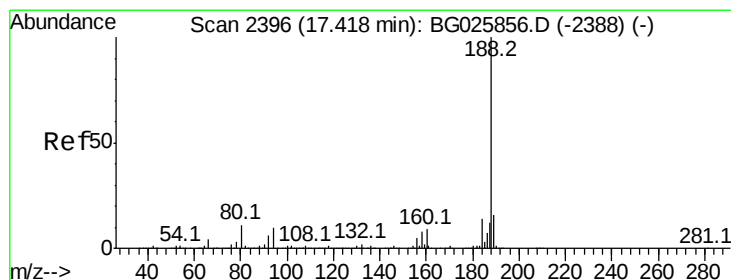
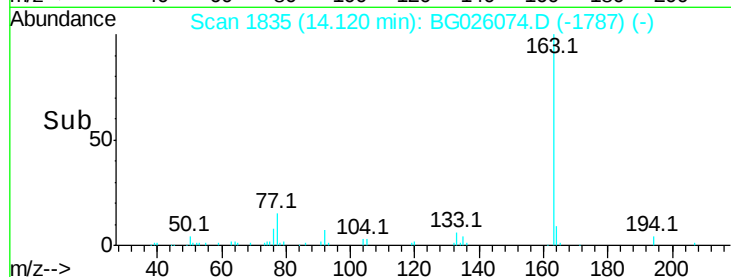
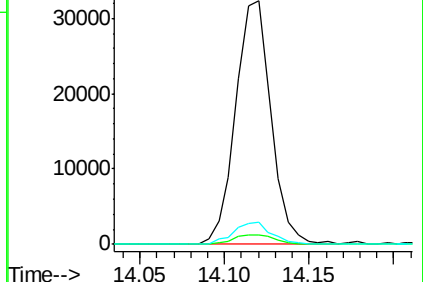
164 9.3 9.3 13.9#



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# 2393

Delta R.T. -0.02 min

Lab File: BG026074.D

Acq: 3 Mar 2017 21:46

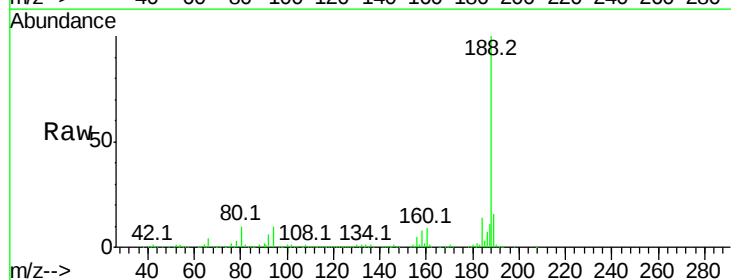
Tgt Ion:188 Resp: 640569

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

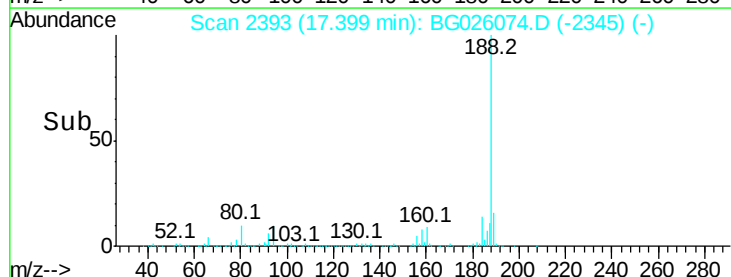
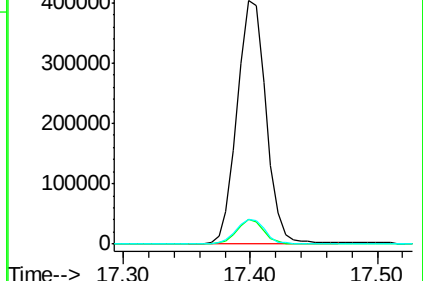
80 10.4 7.5 11.3

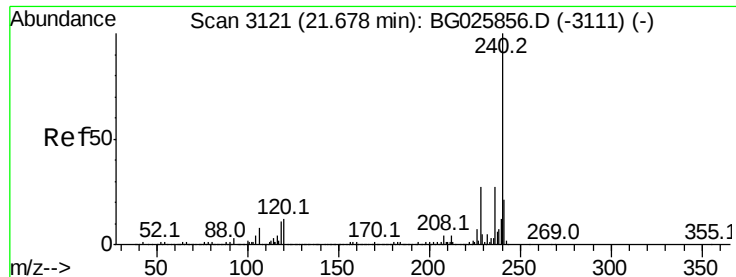


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG026074.D

Acq: 3 Mar 2017 21:46

Instrument :

BNA_G

ClientSampleId :

022817-PRRT-F-U-M

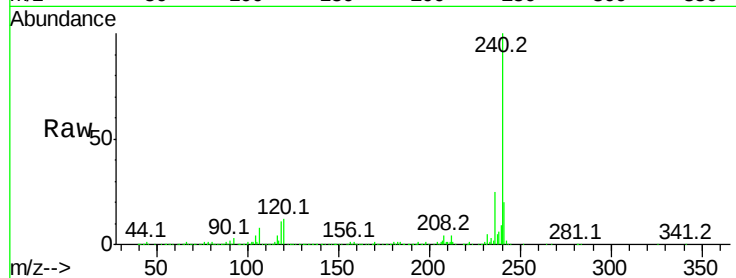
Tot Ion:240 Resp: 609259

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

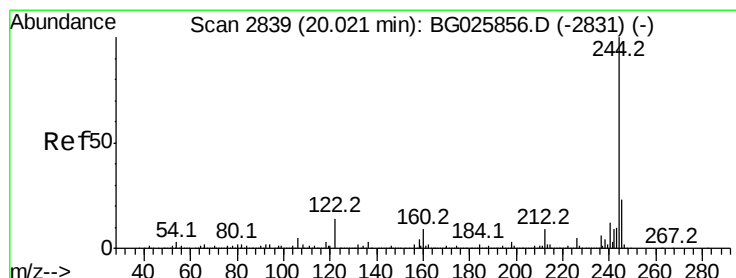
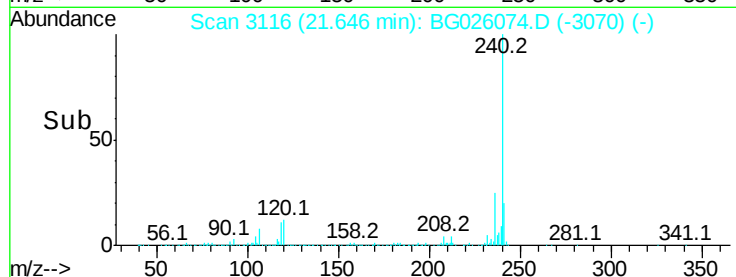
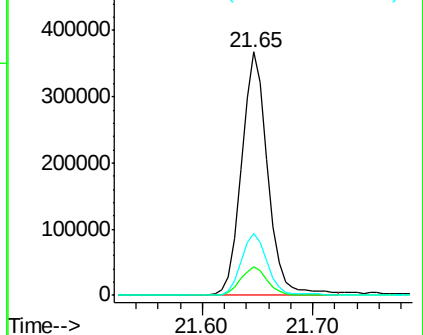
236 25.2 22.2 33.4



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: 82.62 ng

RT: 20.00 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG026074.D

Acq: 3 Mar 2017 21:46

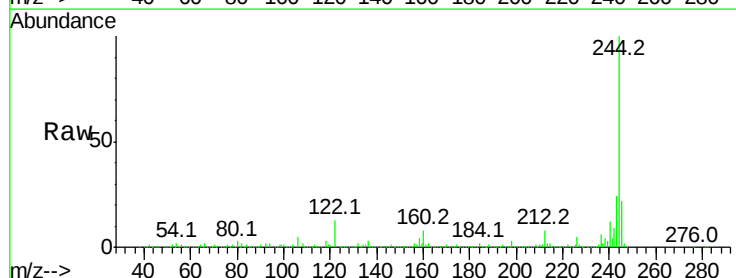
Tgt Ion:244 Resp: 2069706

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

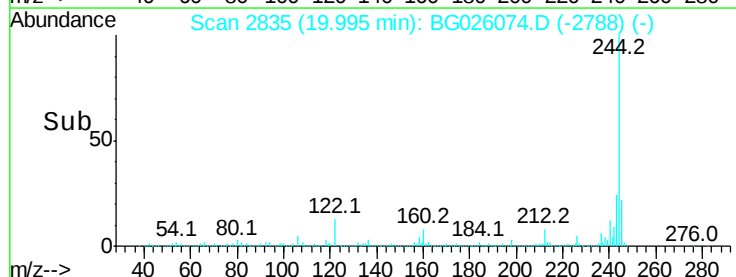
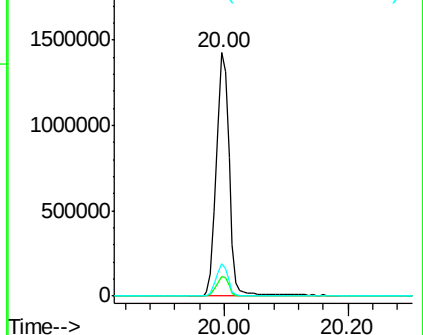
122 13.1 8.6 12.8#

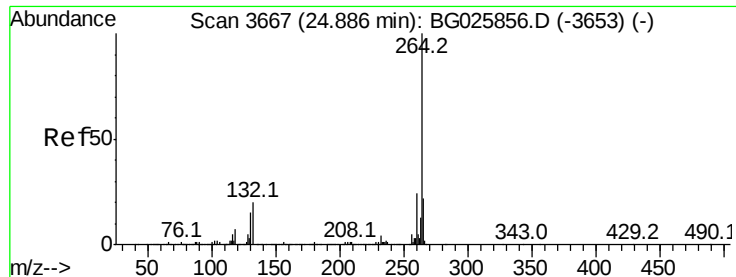


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

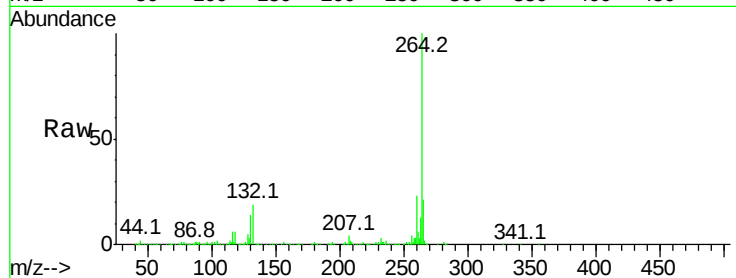




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3659
Delta R.T. -0.05 min
Lab File: BG026074.D
Acq: 3 Mar 2017 21:46

Instrument :
BNA_G
ClientSampleId :
022817-PRRT-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	20.9	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

