

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025467.D
 Acq On : 11 Jan 2017 00:57
 Operator : UM/SJ
 Sample : I1077-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICAFB-1-010617

Quant Time: Jan 11 06:33:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	51849	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	211446	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	171479	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	401725	20.00	ng	0.00
75) Chrysene-d12	21.86	240	594564	20.00	ng	0.00
86) Perylene-d12	25.26	264	628843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	224017	78.53	ng	0.00
7) Phenol-d6	7.36	99	186153	46.34	ng	0.00
23) Nitrobenzene-d5	9.39	82	531216	110.99	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	479099	173.54	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1183704	111.76	ng	0.00
78) Terphenyl-d14	20.15	244	2307765	102.91	ng	0.00

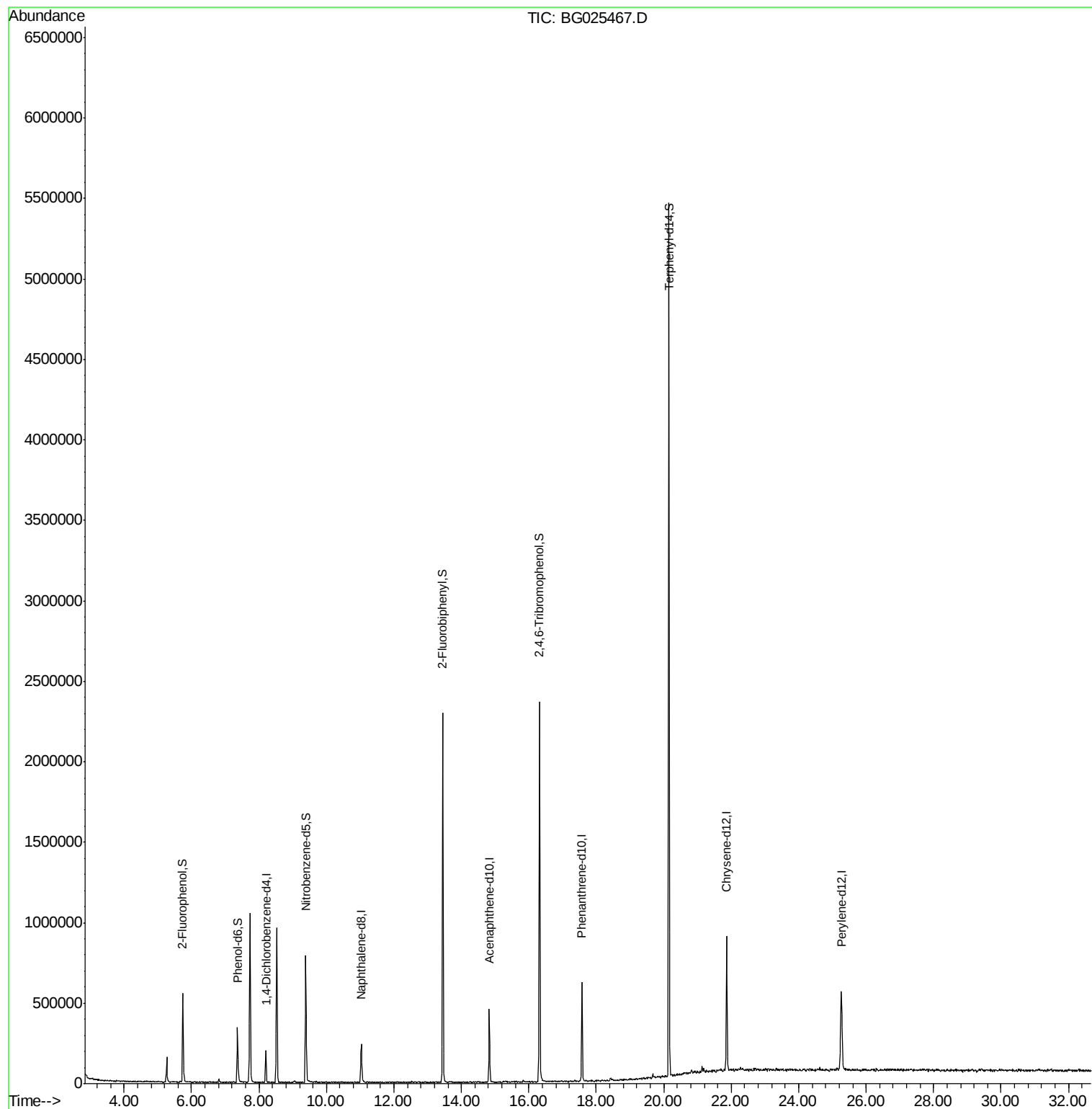
Target Compounds	Qvalue
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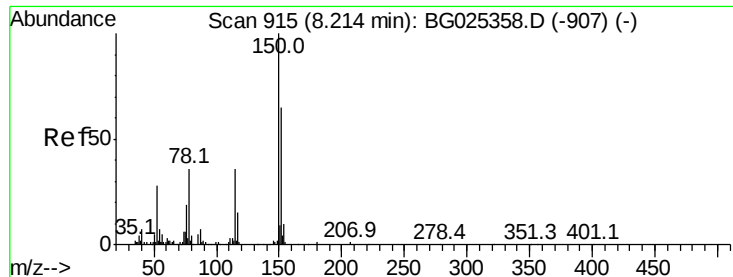
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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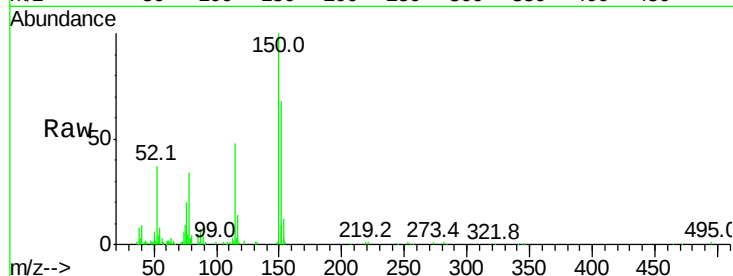


#1

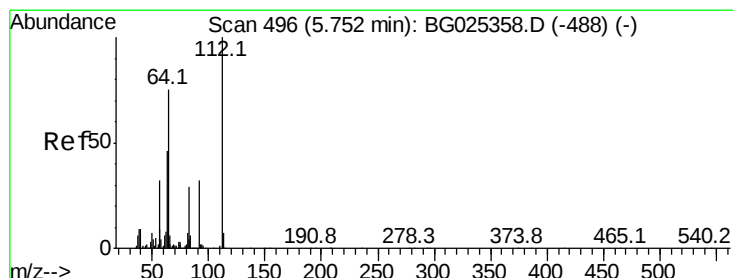
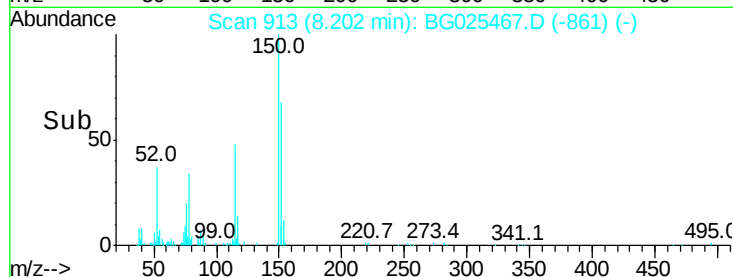
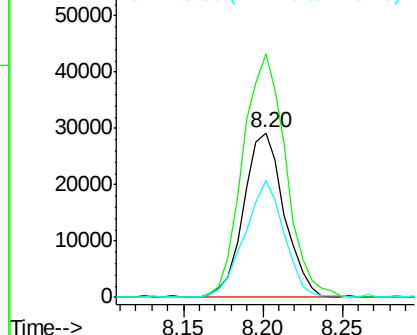
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025467.D
Acq: 11 Jan 2017 00:57

Instrument :
BNA_G
ClientSampleId :
JAMAICAFB-1-010617

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	114.0	171.0
115	70.7	48.1	72.1



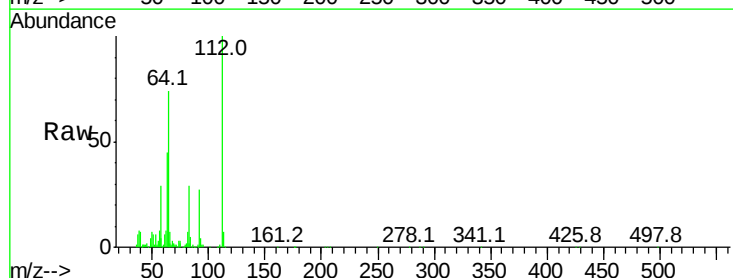
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



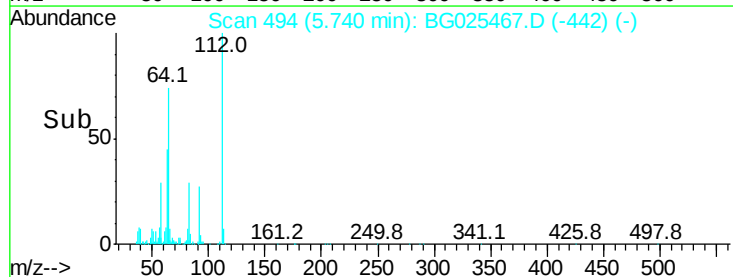
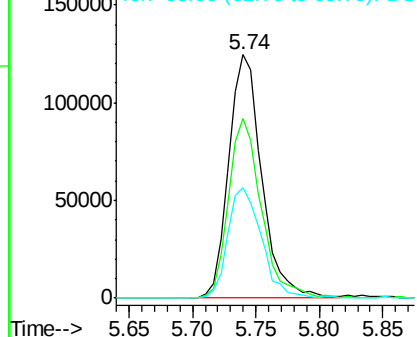
#5

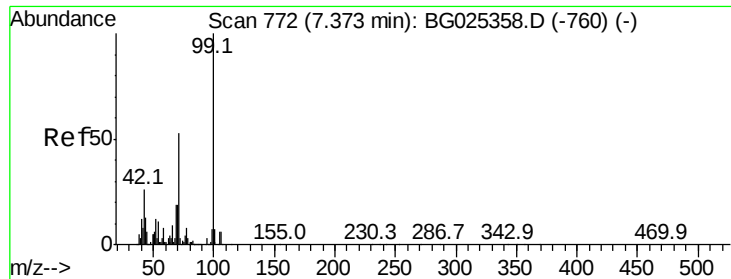
2-Fluorophenol
Concen: 78.53 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025467.D
Acq: 11 Jan 2017 00:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.8	92.6
63	45.4	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 46.34 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

Instrument :

BNA_G

ClientSampleId :

JAMAICAFB-1-010617

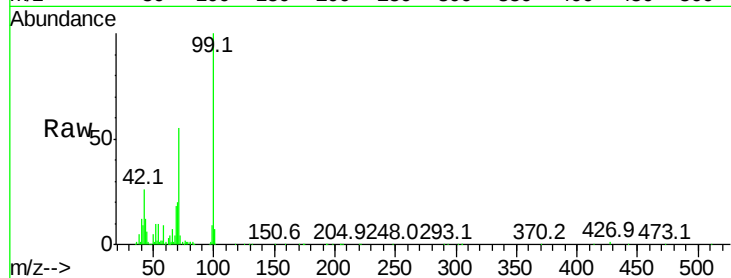
Tot Ion: 99 Resp: 186153

Ion Ratio Lower Upper

99 100

42 26.0 20.5 30.7

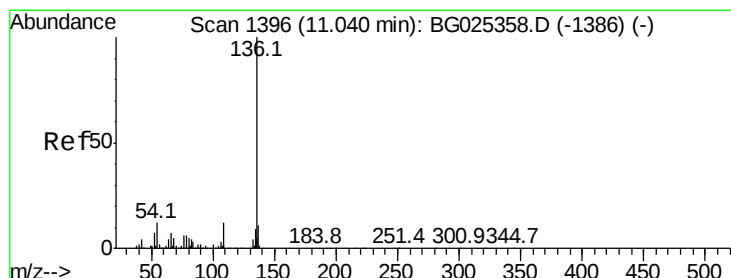
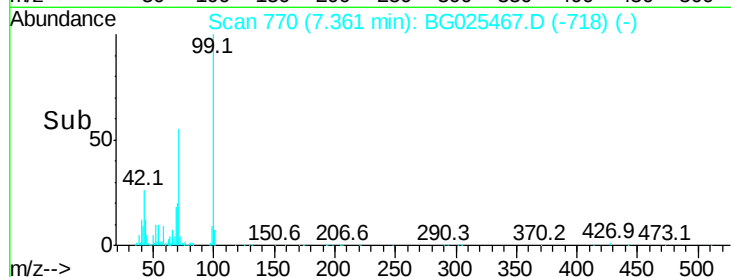
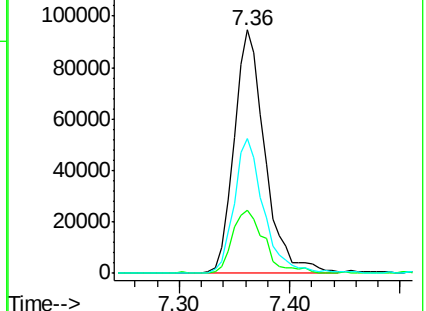
71 55.3 37.6 56.4



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: 11.03 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

Tgt Ion: 136 Resp: 211446

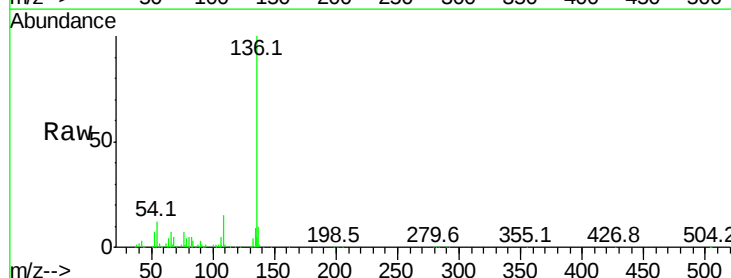
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 12.1 9.3 13.9

68 4.7 5.1 7.7#

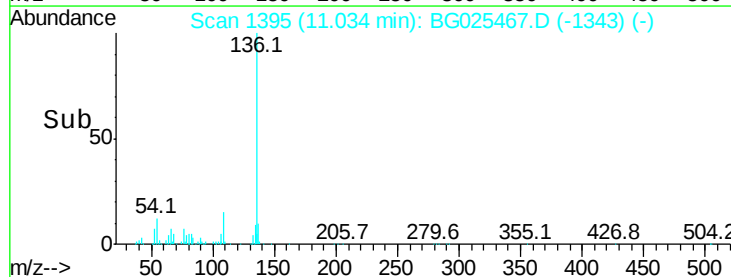
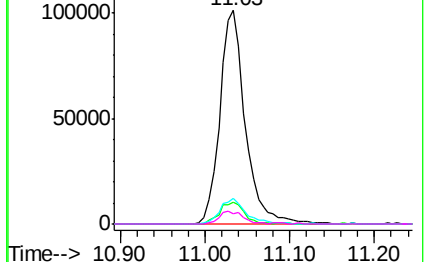


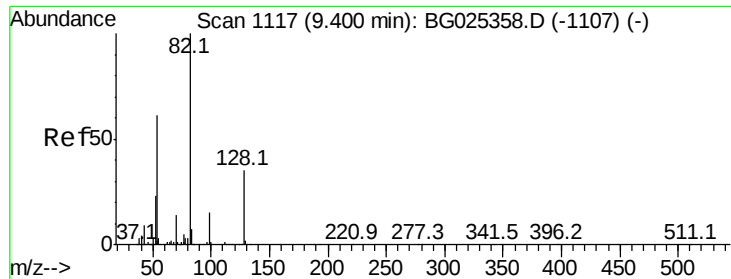
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 110.99 ng

RT: 9.39 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

Instrument :

BNA_G

ClientSampleId :

JAMAICAFB-1-010617

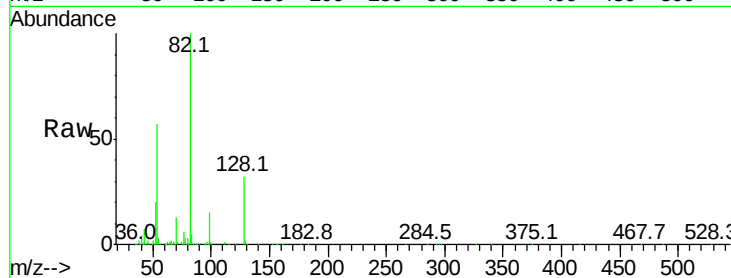
Tot Ion: 82 Resp: 531216

Ion Ratio Lower Upper

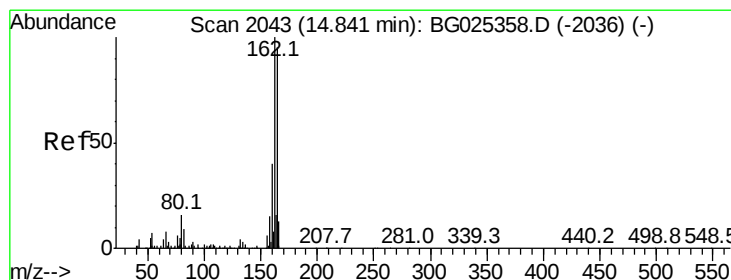
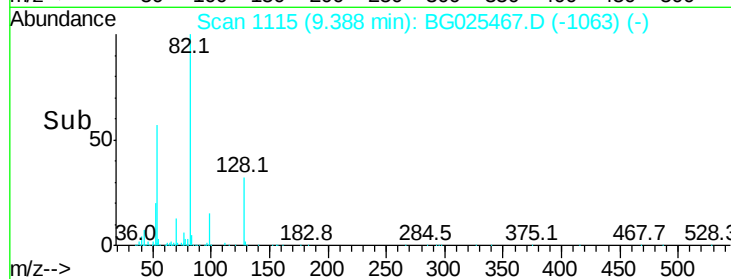
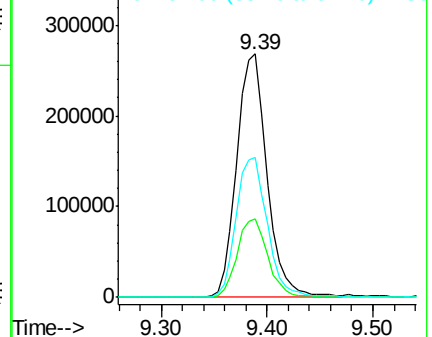
82 100

128 32.3 26.4 39.6

54 57.3 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

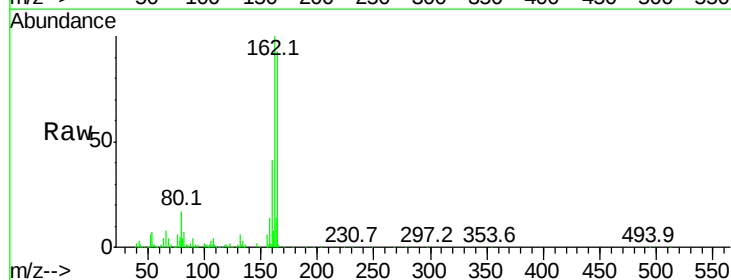
Tgt Ion: 164 Resp: 171479

Ion Ratio Lower Upper

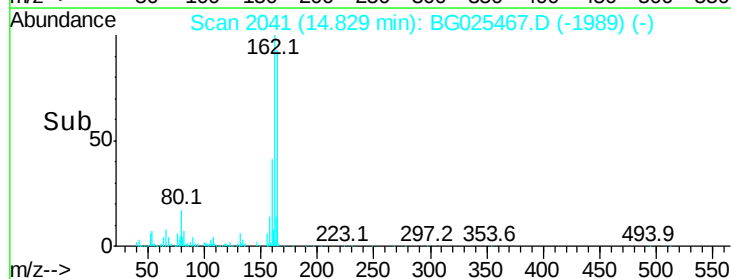
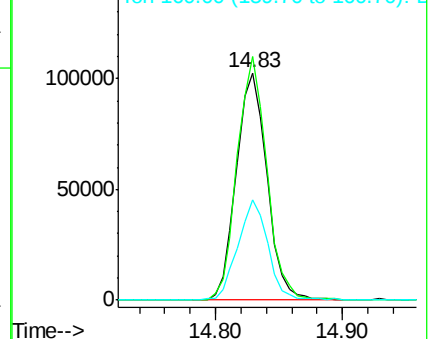
164 100

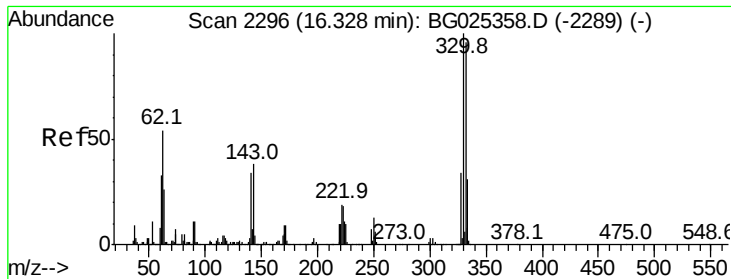
162 107.2 85.1 127.7

160 44.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

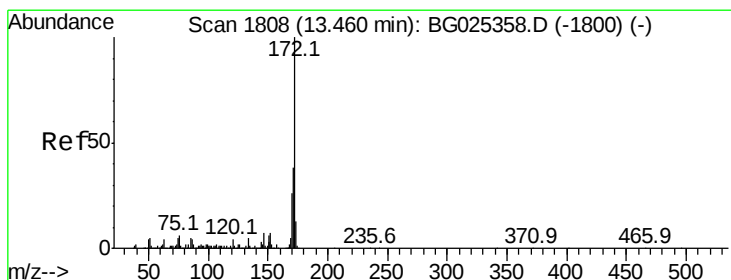
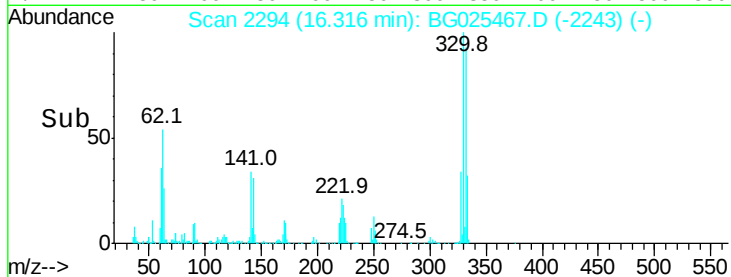
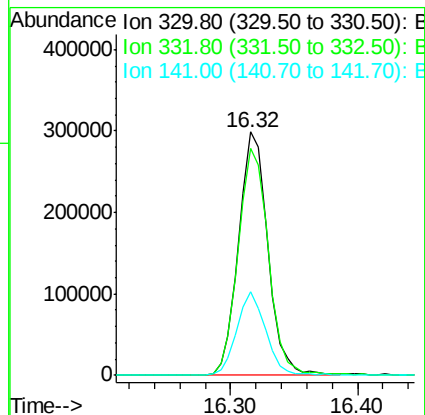
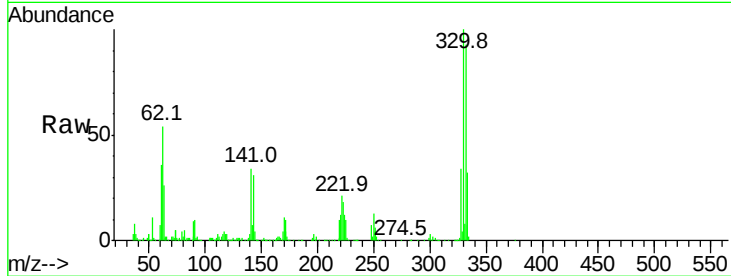




#41
 2,4,6-Tribromophenol
 Concen: 173.54 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025467.D
 Acq: 11 Jan 2017 00:57

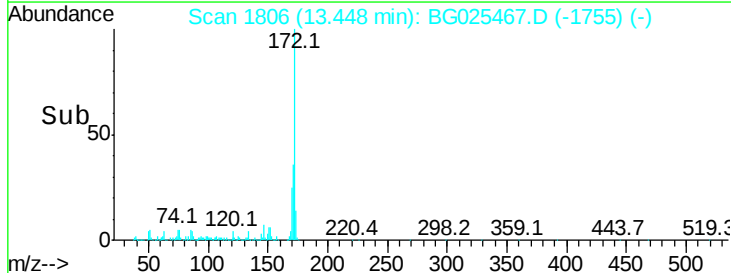
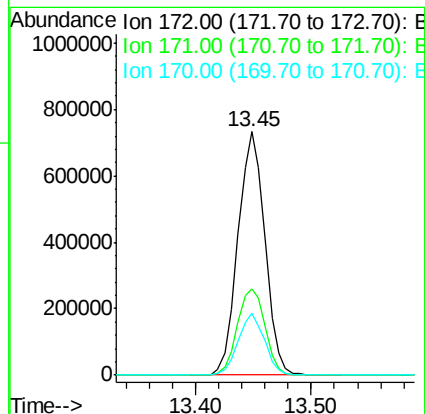
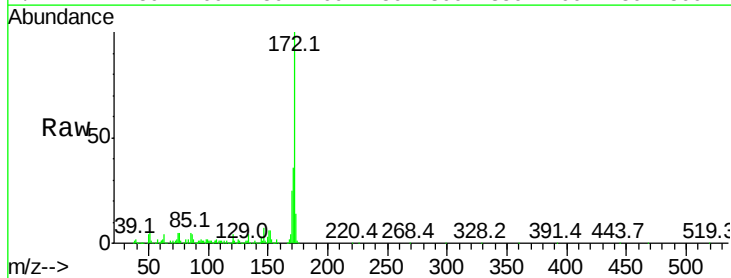
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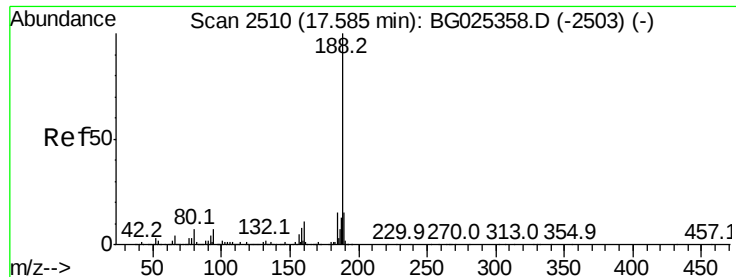
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 111.76 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025467.D
 Acq: 11 Jan 2017 00:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	25.4	21.8	32.6

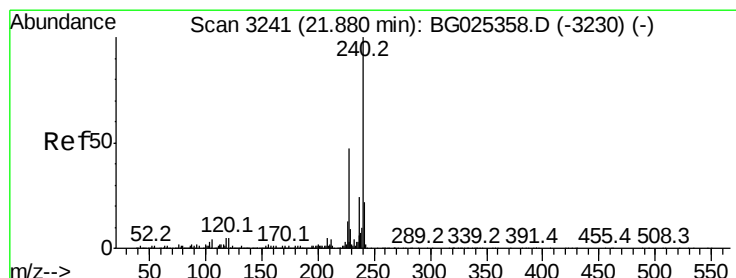
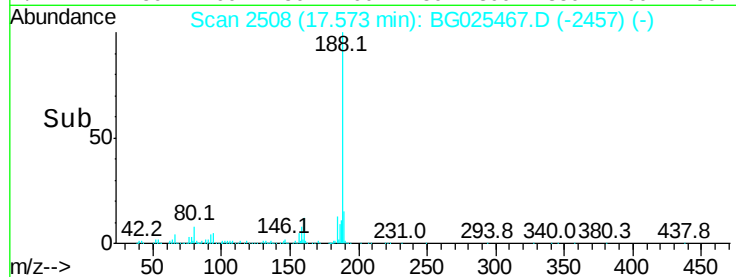
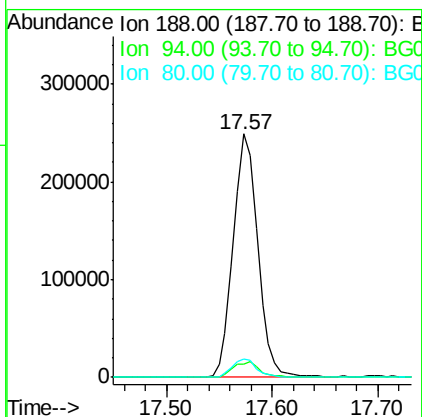
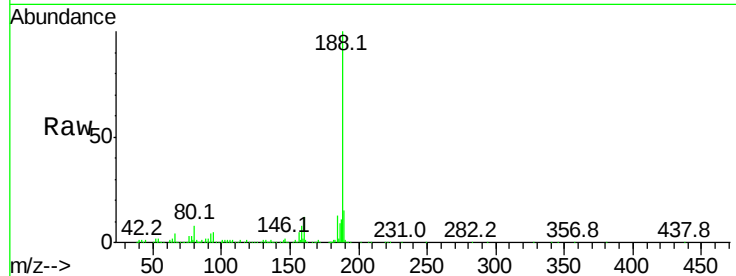




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025467.D
Acq: 11 Jan 2017 00:57

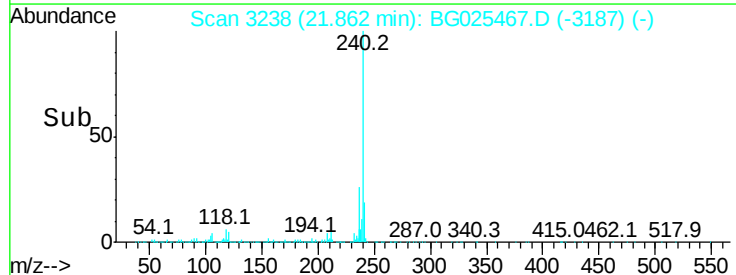
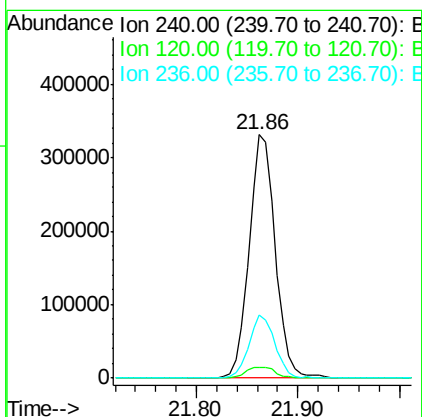
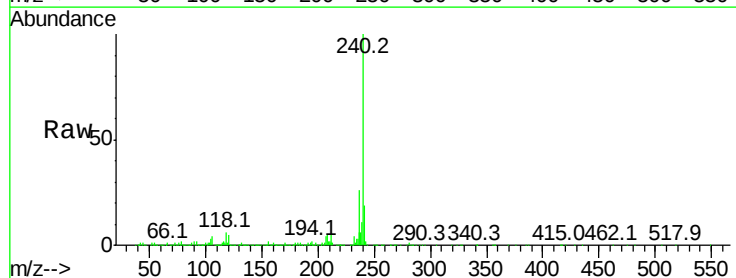
Instrument :
BNA_G
ClientSampleId :
JAMAICAFB-1-010617

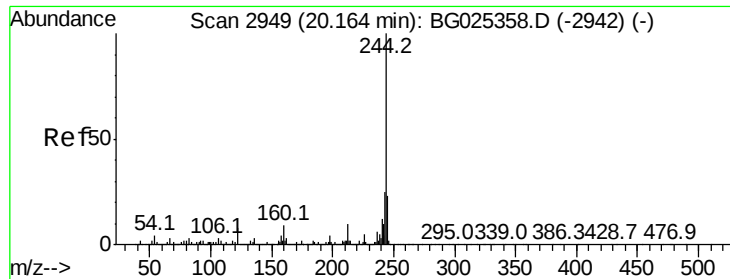
Tot Ion:188 Resp: 401725
Ion Ratio Lower Upper
188 100
94 5.4 5.8 8.8#
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025467.D
Acq: 11 Jan 2017 00:57

Tgt Ion:240 Resp: 594564
Ion Ratio Lower Upper
240 100
120 4.6 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 102.91 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

Instrument :

BNA_G

ClientSampleId :

JAMAICAFB-1-010617

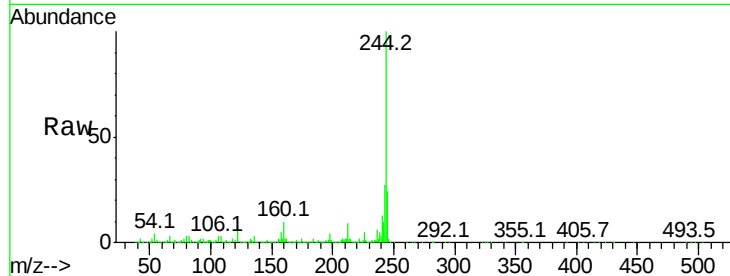
Tot Ion:244 Resp: 2307765

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

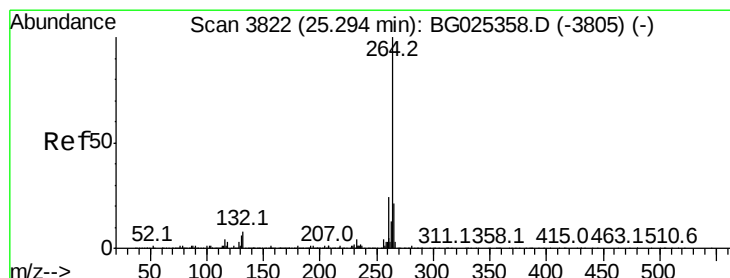
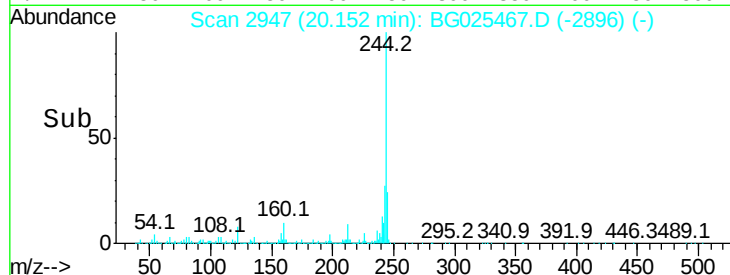
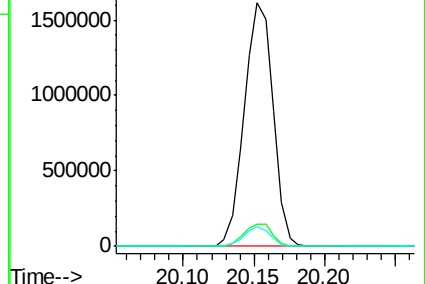
122 8.1 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025467.D

Acq: 11 Jan 2017 00:57

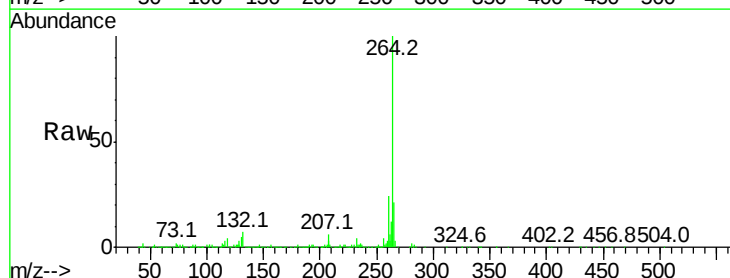
Tgt Ion:264 Resp: 628843

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.2 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

