

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031757.D
 Acq On : 26 Dec 2017 12:14
 Operator : SJ/JU
 Sample : I7022-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 160

Quant Time: Dec 26 13:32:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	51311	20.00	ng	-0.03
21) Naphthalene-d8	11.70	136	193980	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124466	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	340104	20.00	ng	-0.03
75) Chrysene-d12	22.51	240	423484	20.00	ng	-0.06
86) Perylene-d12	26.27	264	450273	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	395458	140.38	ng	-0.02
7) Phenol-d6	7.91	99	446665	122.12	ng	-0.02
23) Nitrobenzene-d5	10.01	82	289909	112.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	370779	195.23	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	1045696	105.45	ng	-0.03
78) Terphenyl-d14	20.70	244	2082368	112.34	ng	-0.03

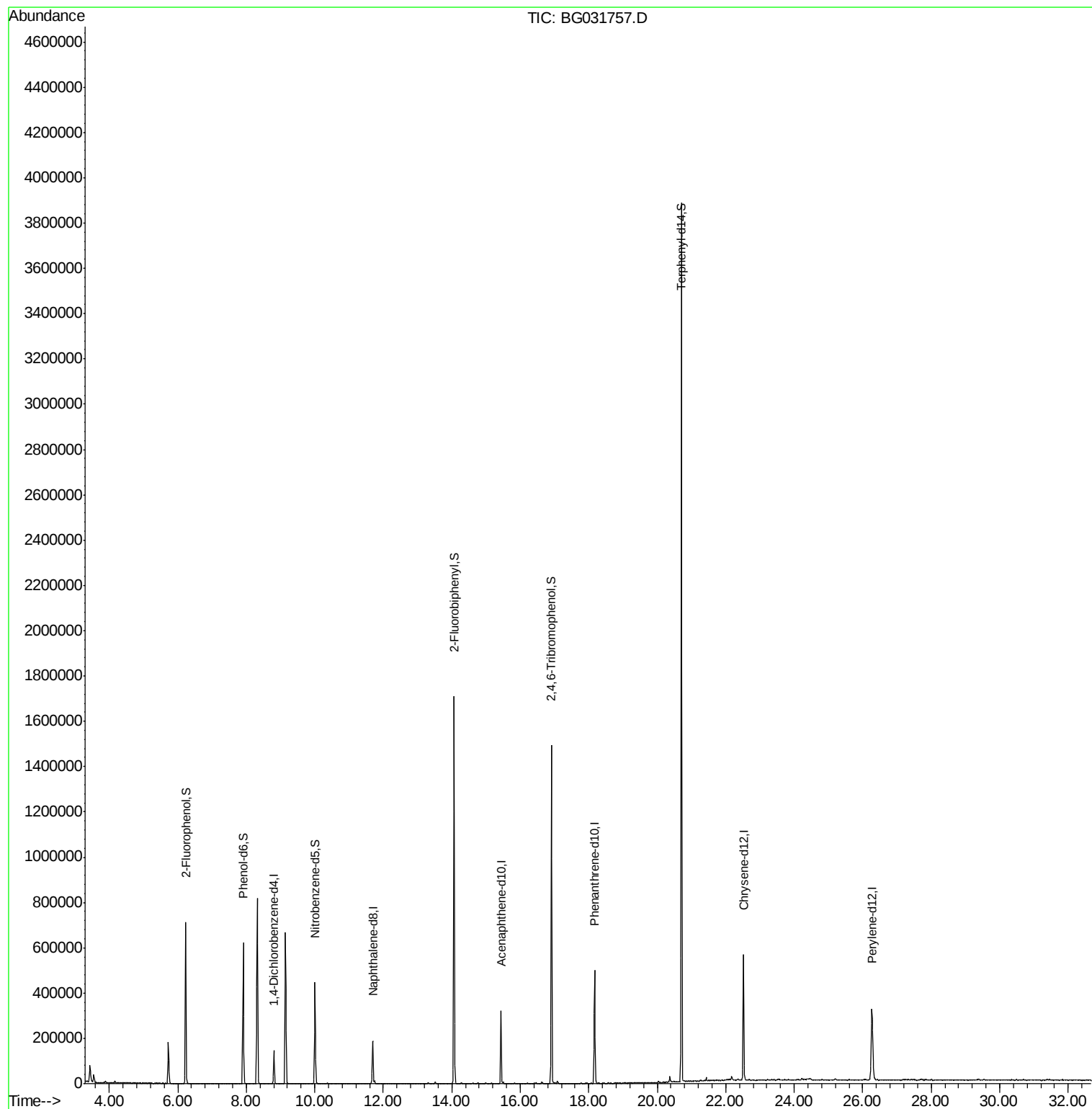
Target Compounds Qvalue

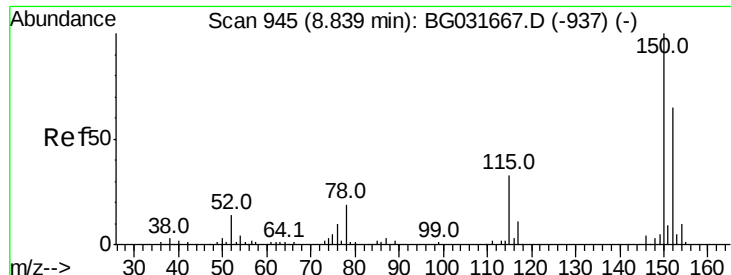
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.03 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

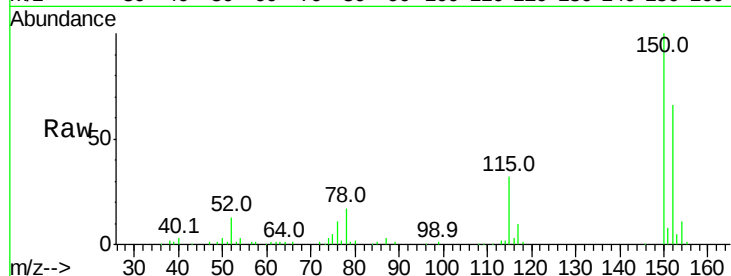
Tot Ion:152 Resp: 51311

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

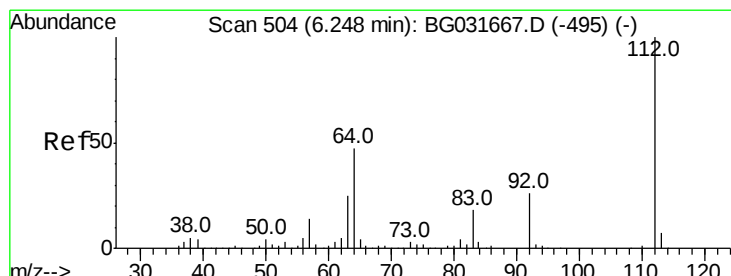
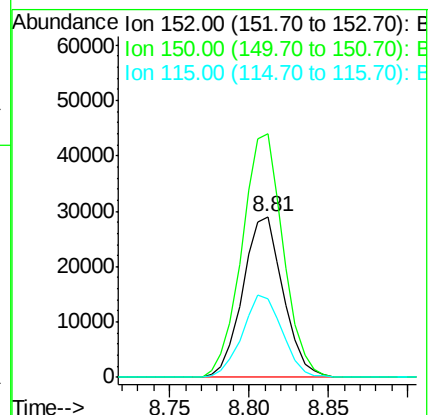
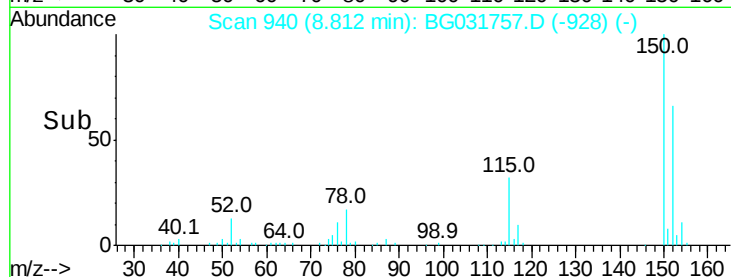
115 48.7 53.0 79.4#



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: 140.376 ng

RT: 6.23 min Scan# 501

Delta R.T. -0.02 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

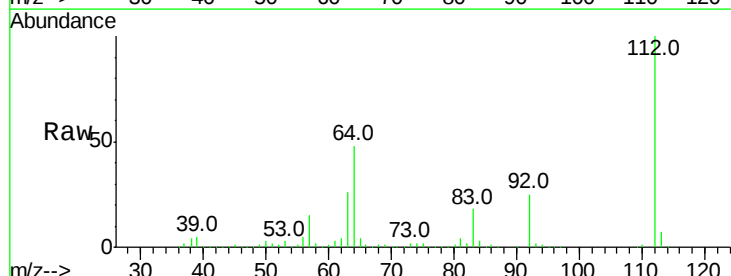
Tgt Ion:112 Resp: 395458

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

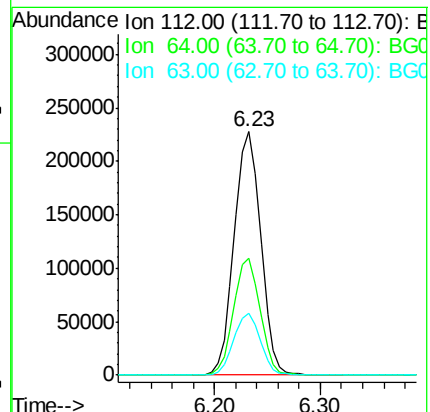
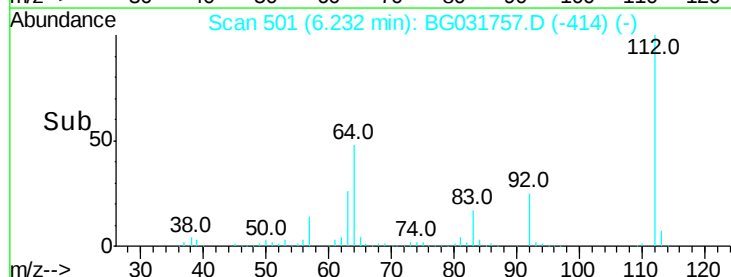
63 25.6 30.1 45.1#

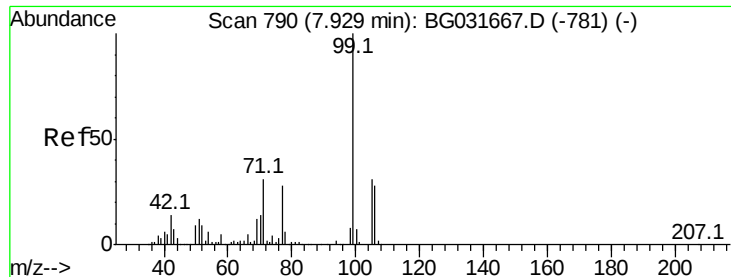


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.120 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

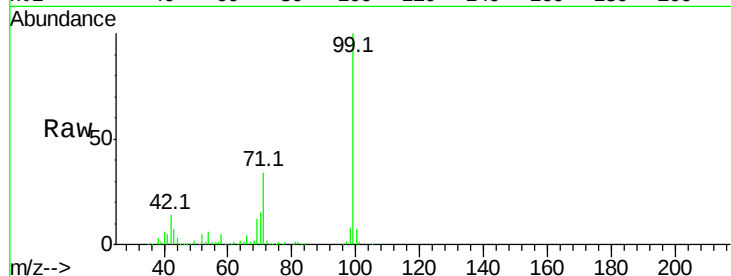
Tot Ion: 99 Resp: 446665

Ion Ratio Lower Upper

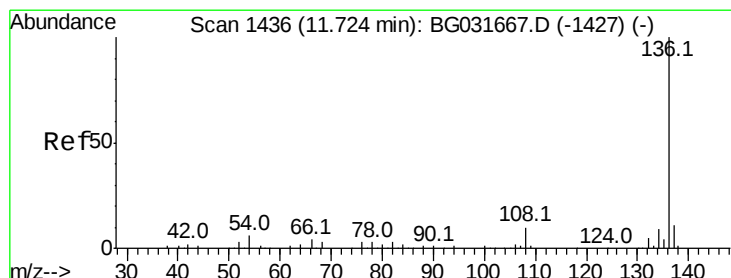
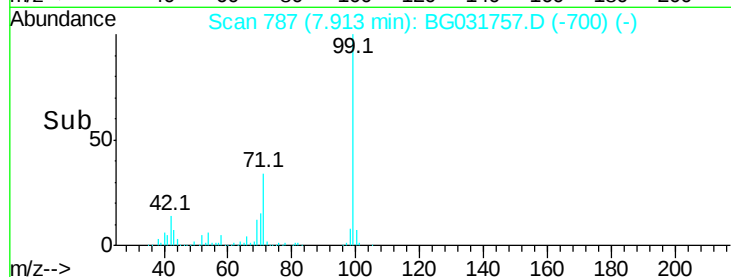
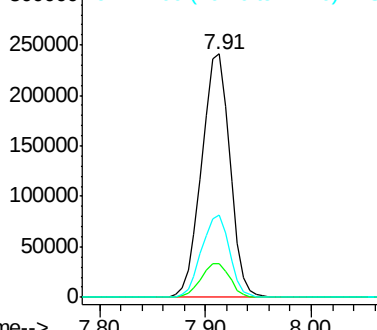
99 100

42 13.8 14.1 21.1#

71 33.9 26.1 39.1



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: 20.000 ng

RT: 11.70 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Tgt Ion: 136 Resp: 193980

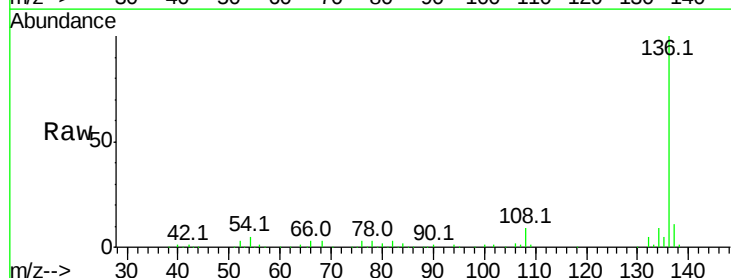
Ion Ratio Lower Upper

136 100

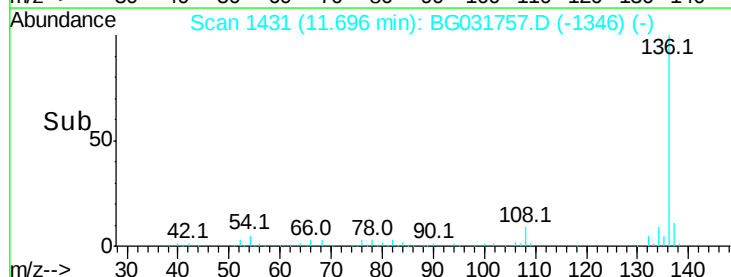
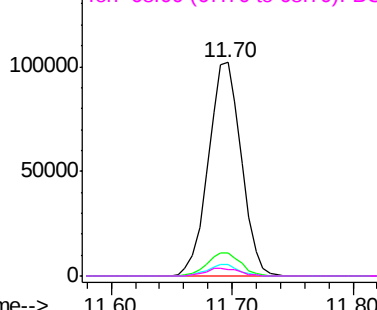
137 10.9 9.2 13.8

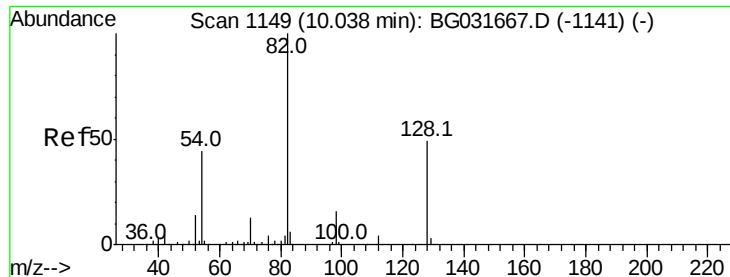
54 5.5 10.3 15.5#

68 2.9 4.5 6.7#



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

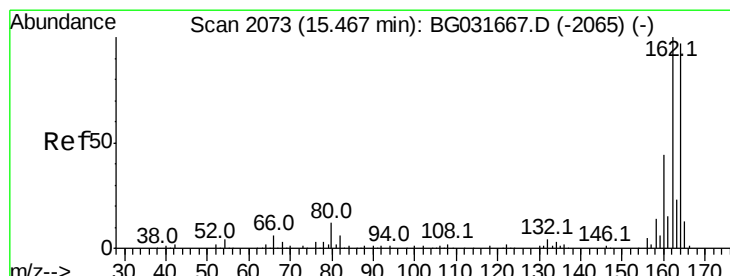
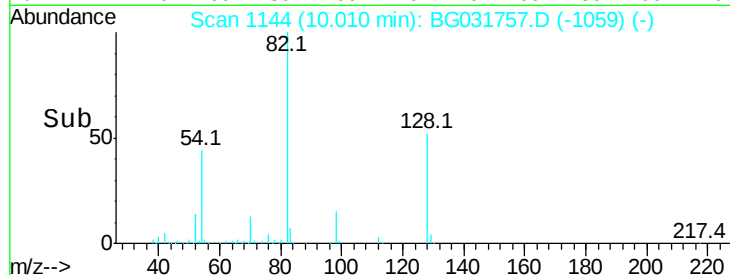
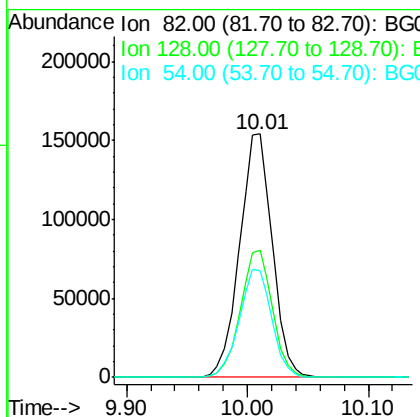
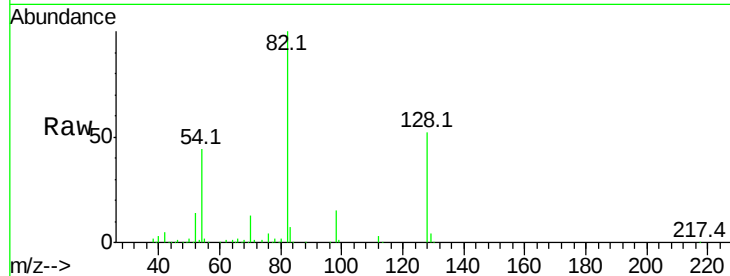




#23
 Nitrobenzene-d5
 Concen: 112.855 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

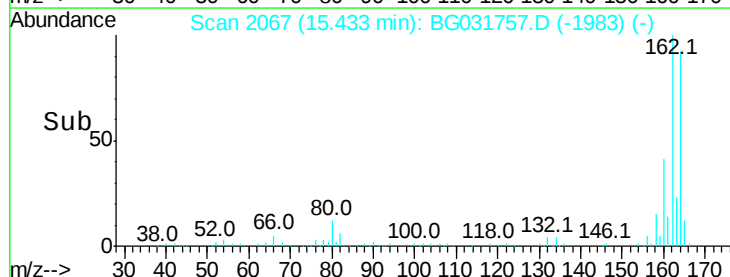
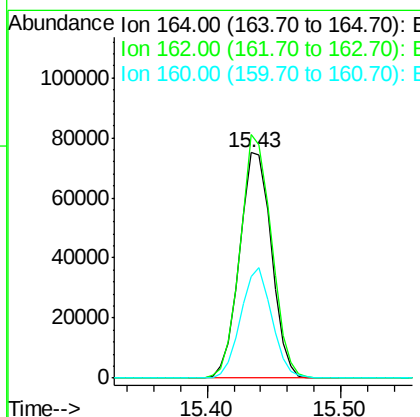
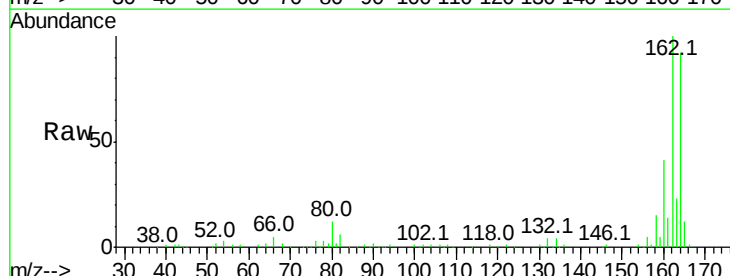
Instrument :
 BNA_G
 ClientSampleId :
 160

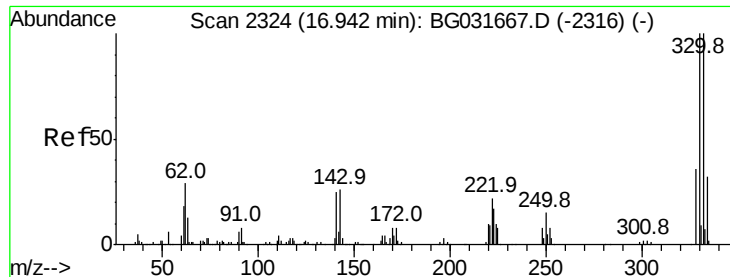
Tot Ion	82	Resp	289909
Ion Ratio	Lower	Upper	
82	100		
128	52.3	29.7	44.5#
54	43.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Tgt Ion	164	Resp	124466
Ion Ratio	Lower	Upper	
164	100		
162	108.1	78.8	118.2
160	44.9	35.4	53.0

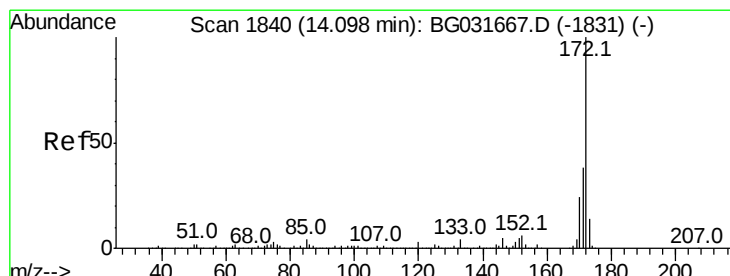
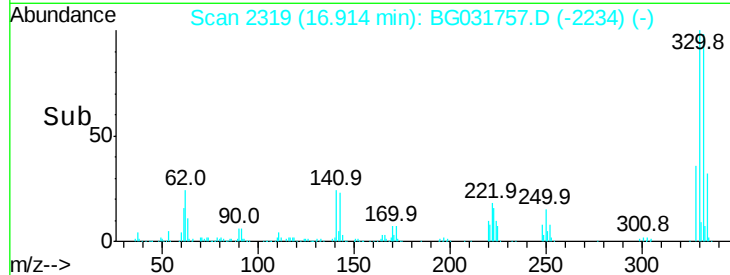
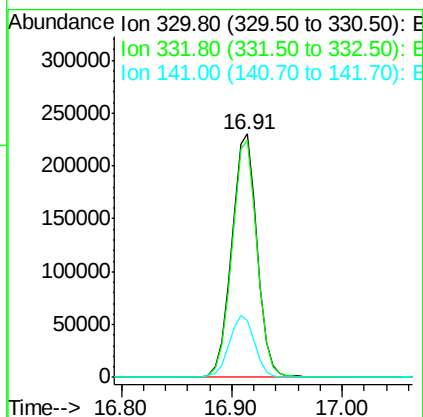
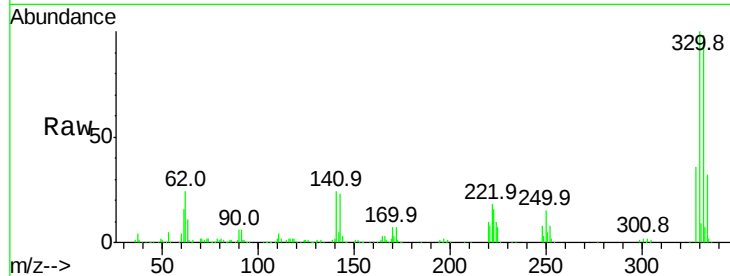




#41
 2,4,6-Tribromophenol
 Concen: 195.231 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

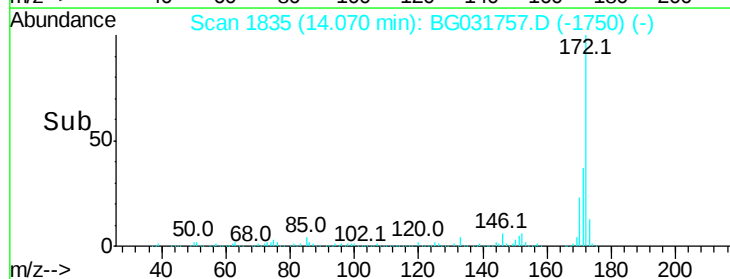
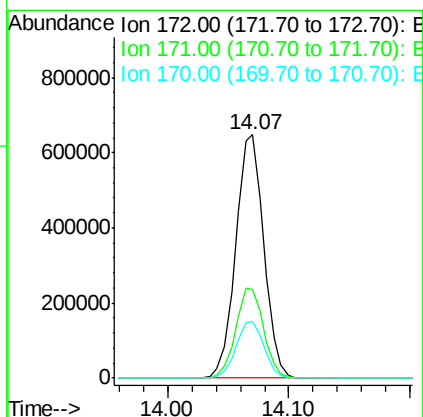
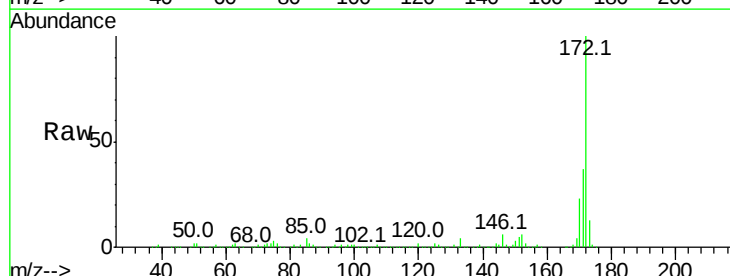
Instrument :
 BNA_G
 ClientSampleId :
 160

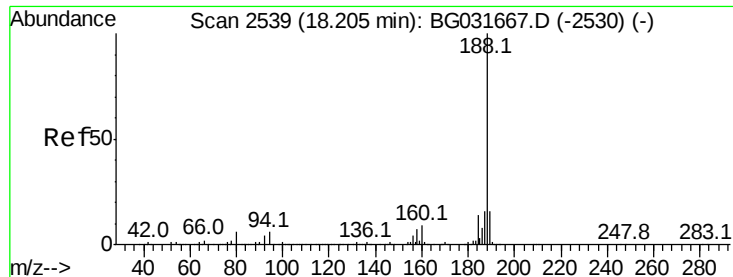
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.450 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.3	19.5	29.3

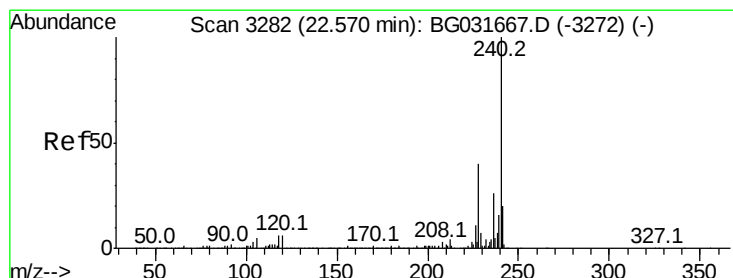
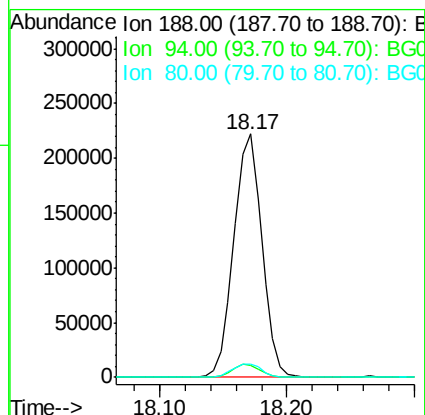
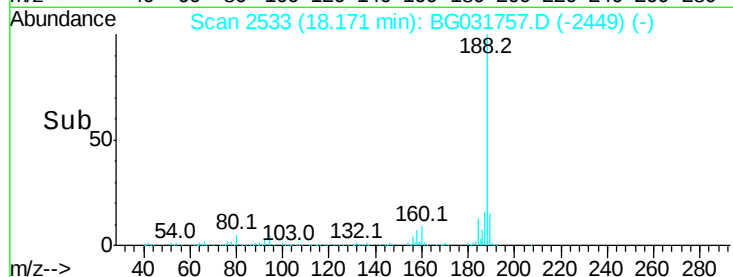
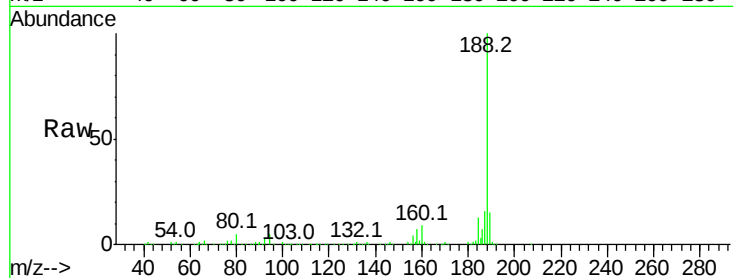




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.03 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

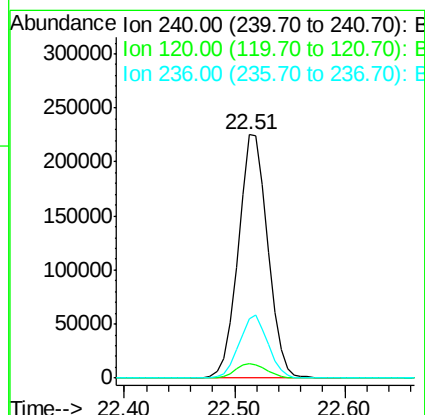
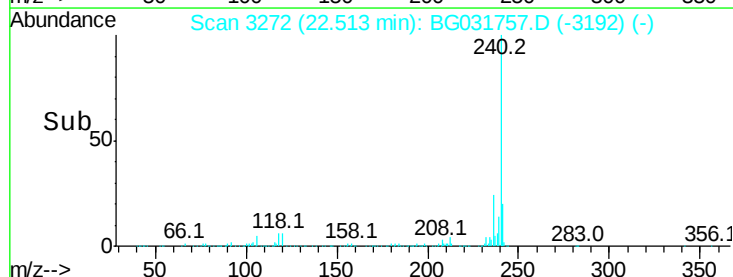
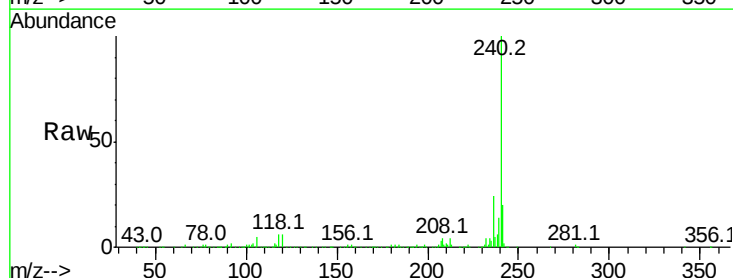
Instrument :
BNA_G
ClientSampleId :
160

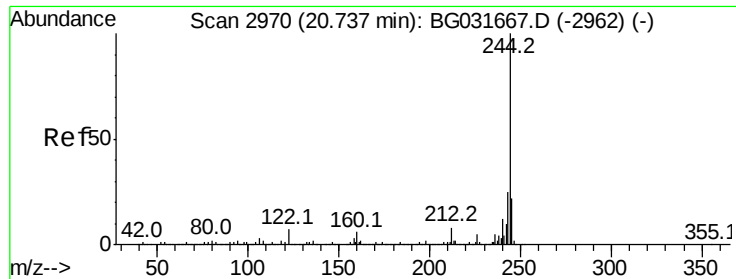
Tot Ion:188 Resp: 340104
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 5.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

Tgt Ion:240 Resp: 423484
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 24.2 20.9 31.3





#78

Terphenyl-d14

Concen: 112.341 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

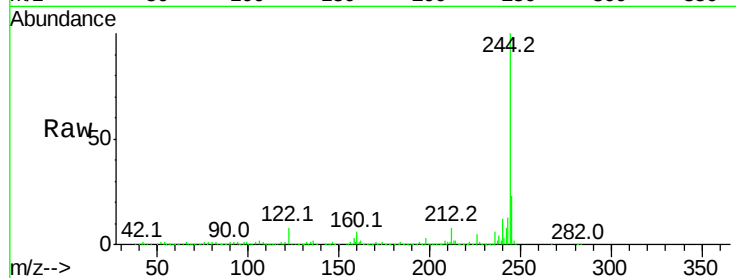
Tot Ion:244 Resp: 2082368

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

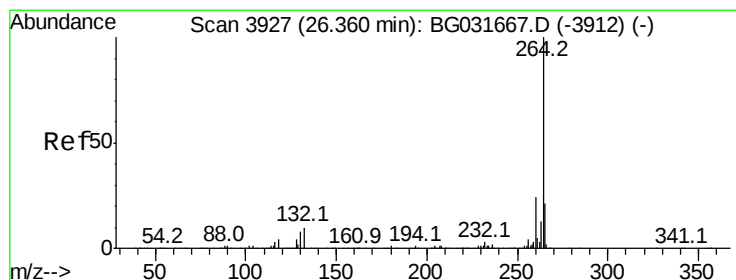
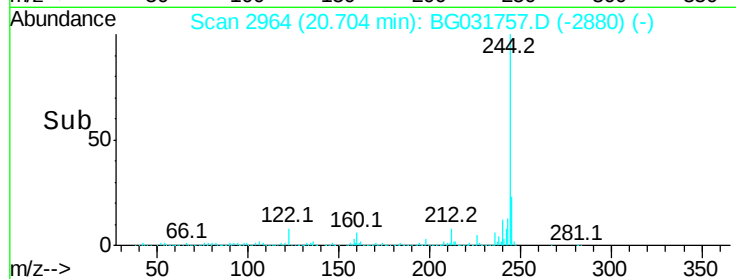
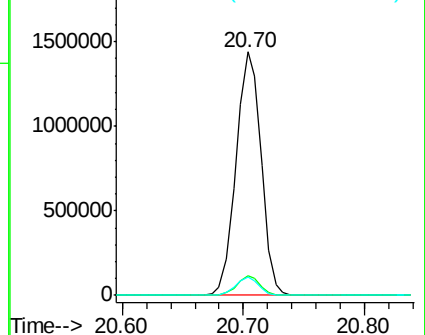
122 7.7 7.0 10.4



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: 20.000 ng

RT: 26.27 min Scan# 3912

Delta R.T. -0.09 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

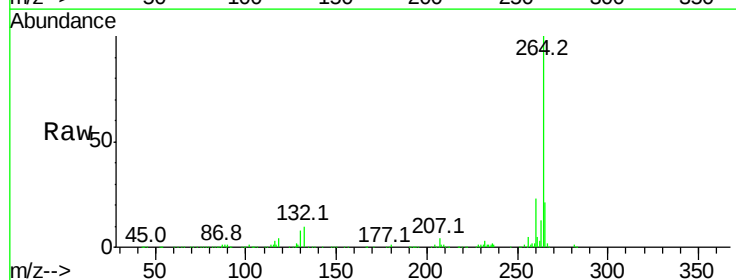
Tgt Ion:264 Resp: 450273

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.8 17.7 26.5



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

