

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032522.D
 Acq On : 2 Feb 2018 21:24
 Operator : SJ/JU
 Sample : PB106268BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BL

Quant Time: Feb 03 00:05:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22736	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	91804	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	66765	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	190552	20.00	ng	0.00
75) Chrysene-d12	22.40	240	271493	20.00	ng	-0.01
86) Perylene-d12	26.08	264	287016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	143546	126.81	ng	0.00
7) Phenol-d6	7.83	99	179546	118.87	ng	0.00
23) Nitrobenzene-d5	9.91	82	111921	76.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	124164	97.70	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	425131	75.68	ng	-0.01
78) Terphenyl-d14	20.62	244	1051986	83.00	ng	0.00

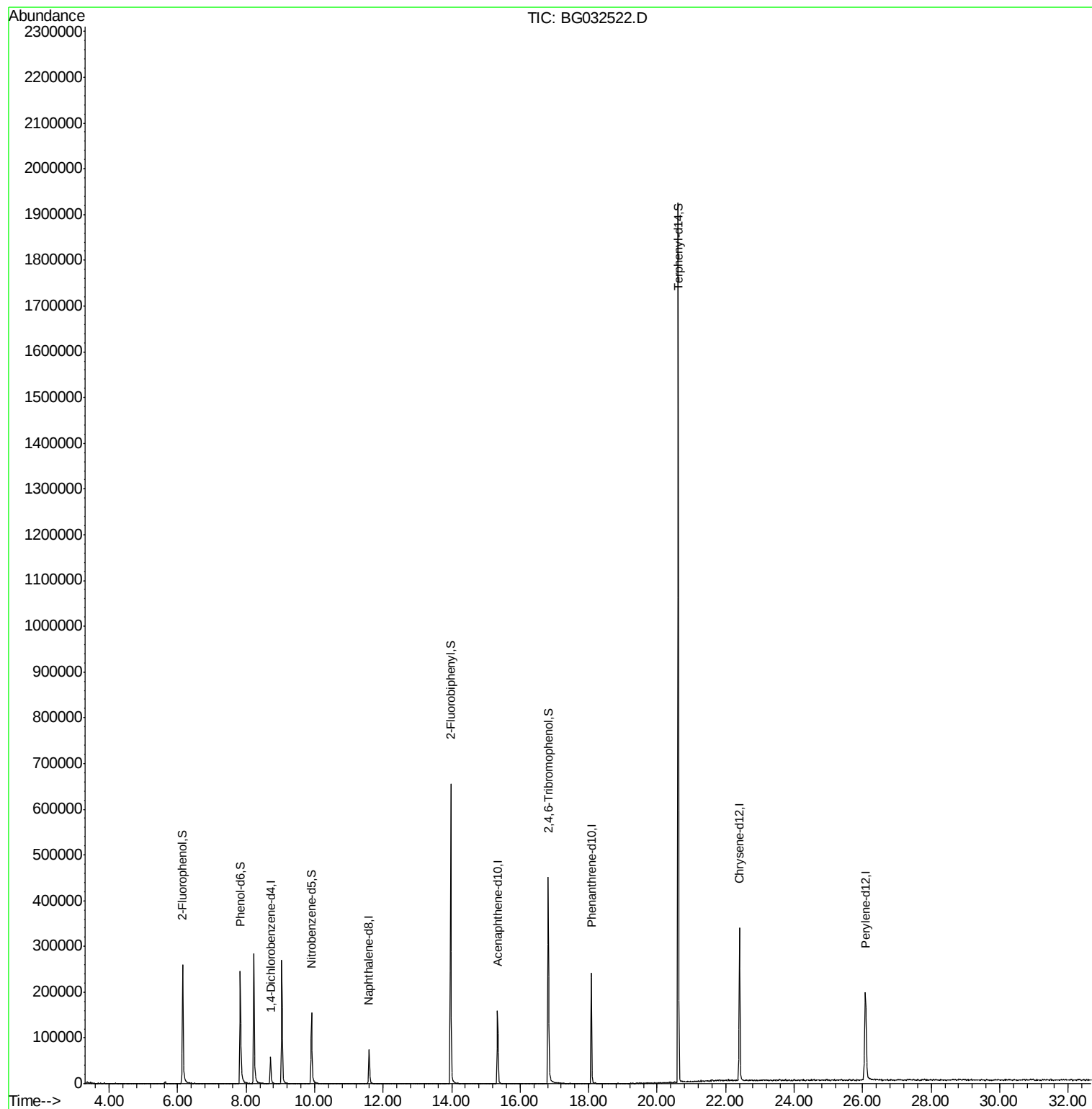
Target Compounds Qvalue

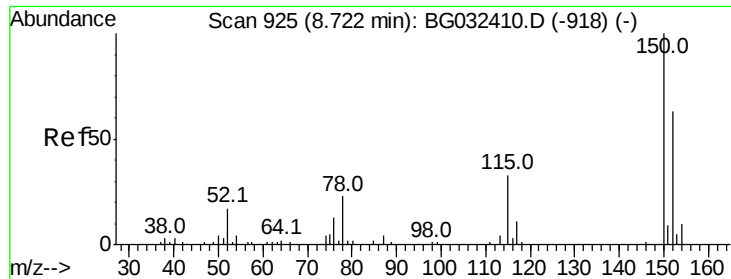
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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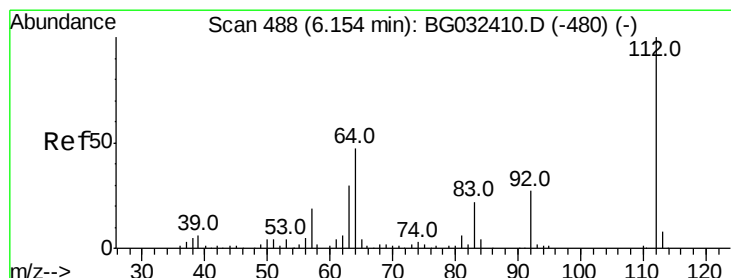
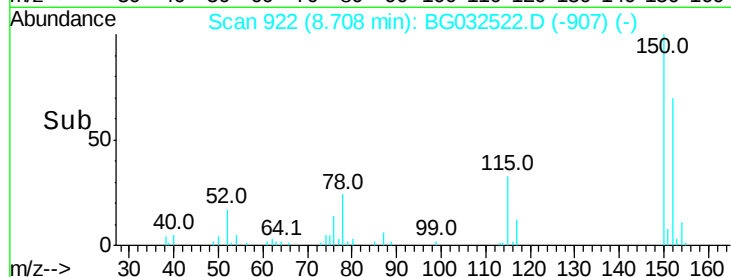
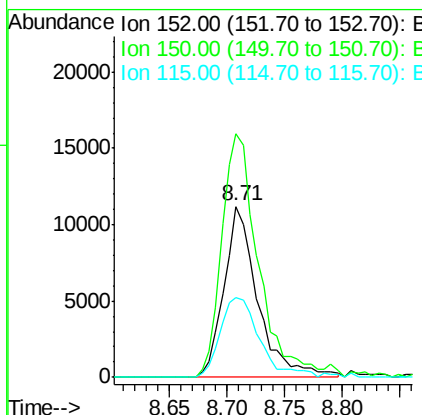
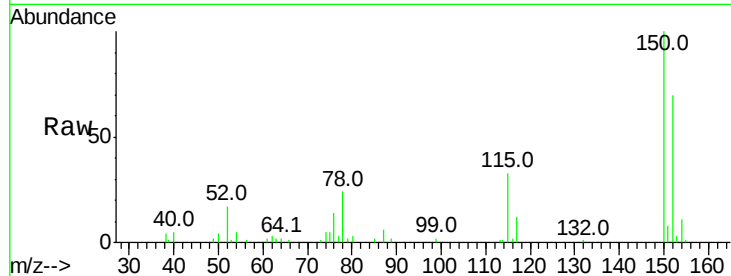


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032522.D
 Acq: 2 Feb 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BL

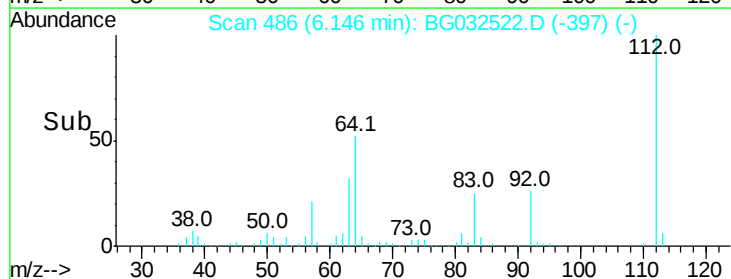
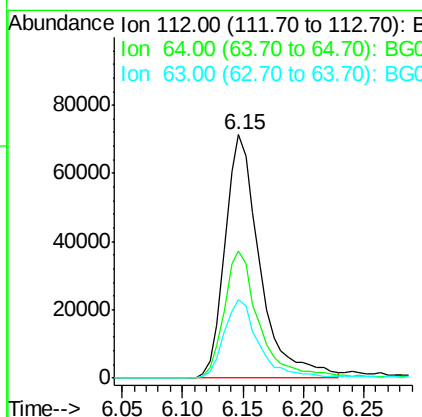
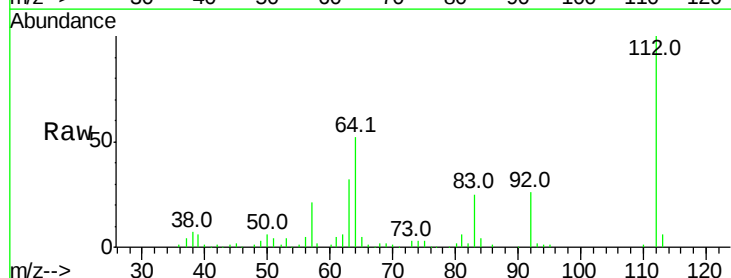
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	126.6	189.8
115	46.9	53.0	79.4

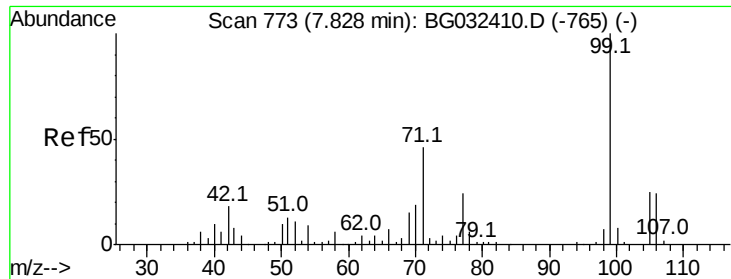


#5

2-Fluorophenol
 Concen: 126.812 ng
 RT: 6.15 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BG032522.D
 Acq: 2 Feb 2018 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	56.3	84.5
63	32.3	30.1	45.1





#7

Phenol-d6

Concen: 118.865 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032522.D

Acq: 2 Feb 2018 21:24

Instrument :

BNA_G

ClientSampleId :

PB106268BL

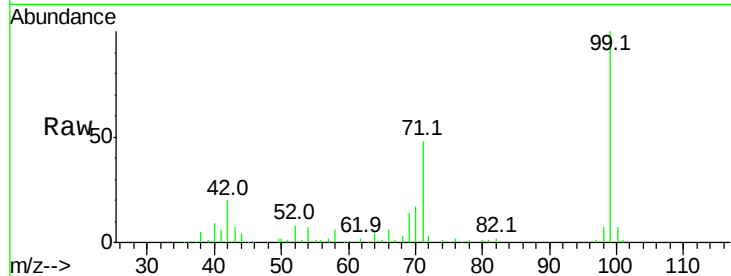
Tot Ion: 99 Resp: 179546

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

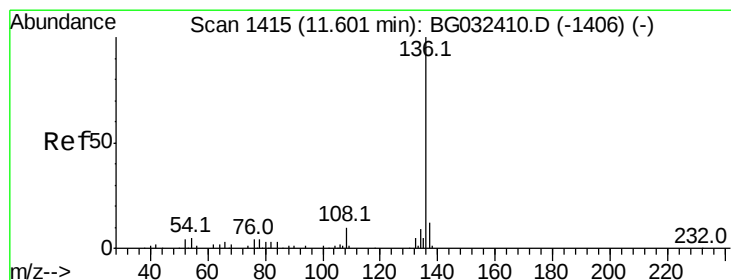
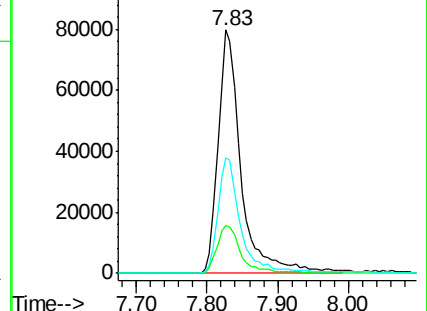
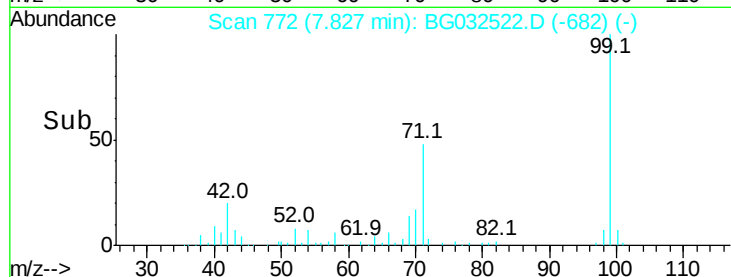
71 47.6 26.1 39.1#



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: 11.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG032522.D

Acq: 2 Feb 2018 21:24

Tgt Ion:136 Resp: 91804

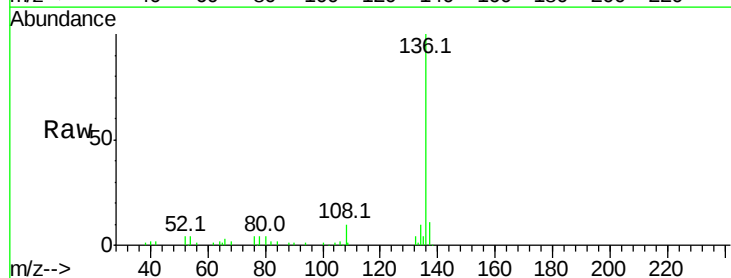
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 4.1 10.3 15.5#

68 2.2 4.5 6.7#

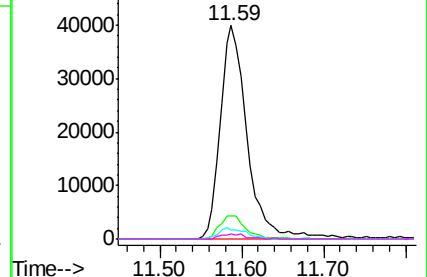
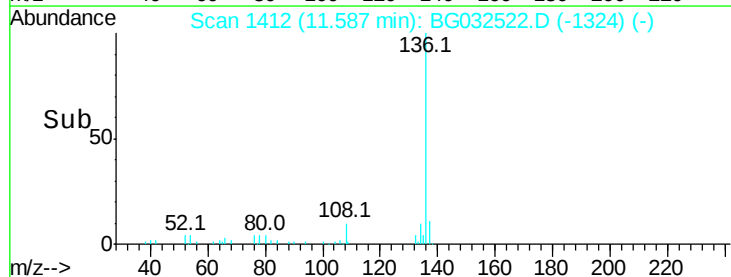


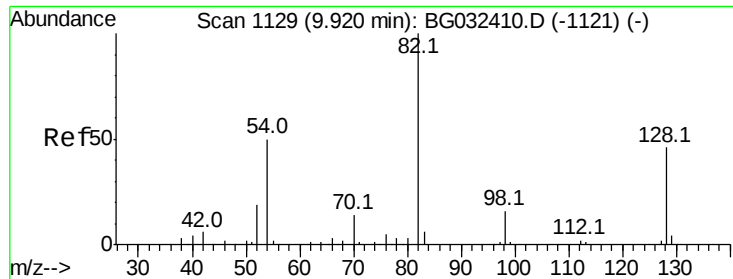
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

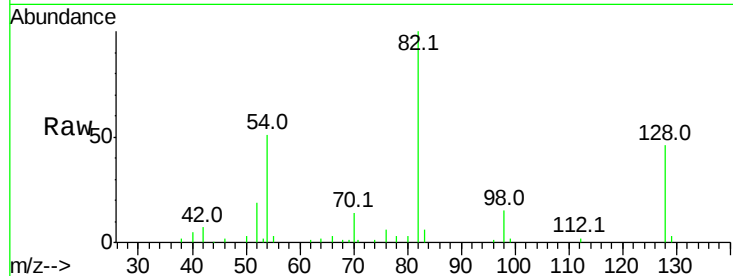




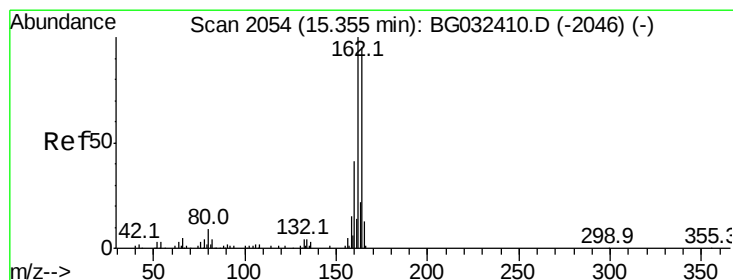
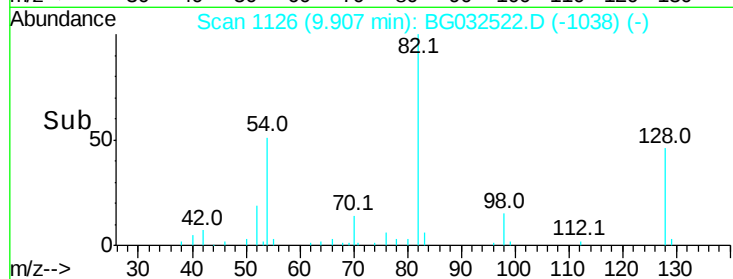
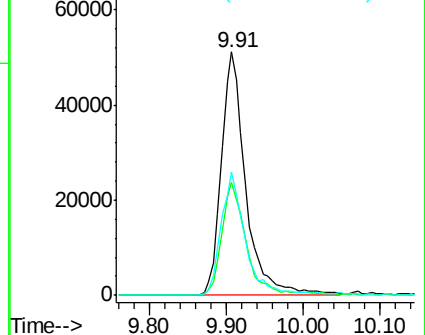
#23
Nitrobenzene-d5
Concen: 76.147 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032522.D
Acq: 2 Feb 2018 21:24

Instrument :
BNA_G
ClientSampleId :
PB106268BL

Tot Ion: 82 Resp: 111921
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 50.6 43.1 64.7

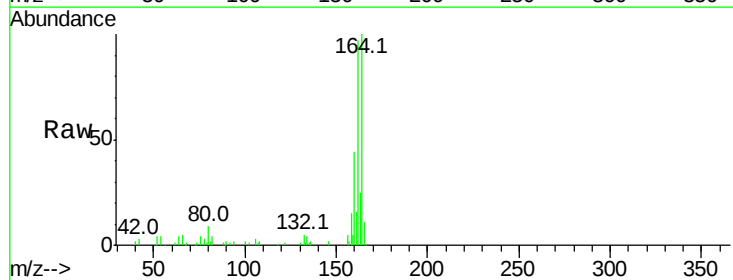


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

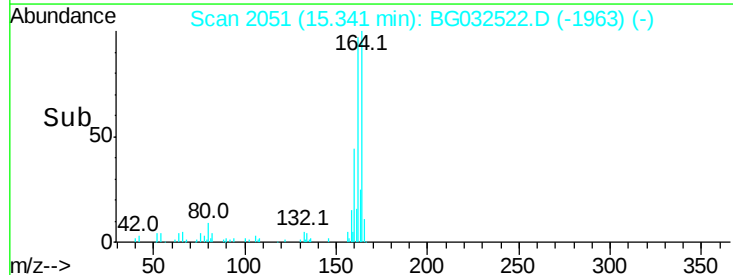
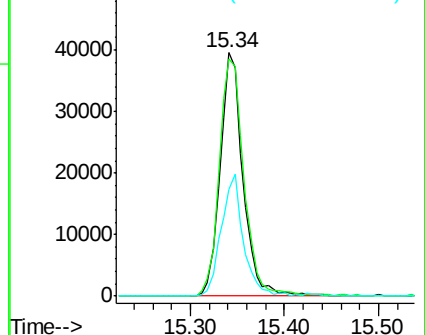


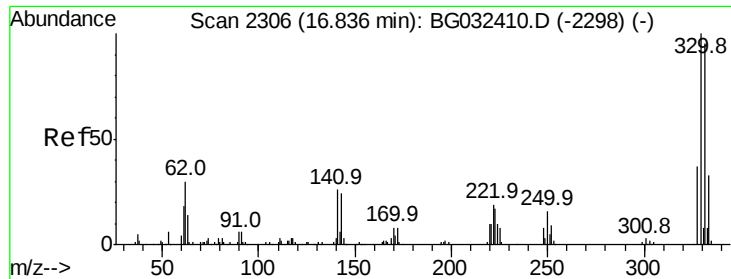
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032522.D
Acq: 2 Feb 2018 21:24

Tgt Ion:164 Resp: 66765
Ion Ratio Lower Upper
164 100
162 97.2 78.8 118.2
160 43.6 35.4 53.0



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

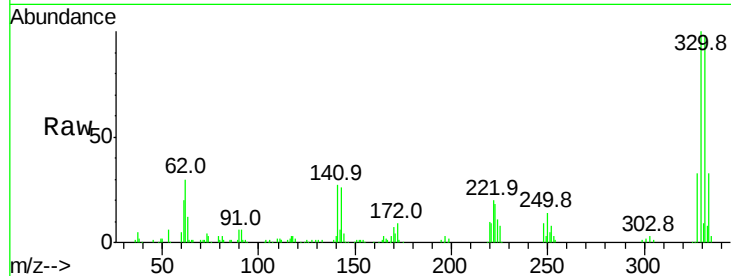




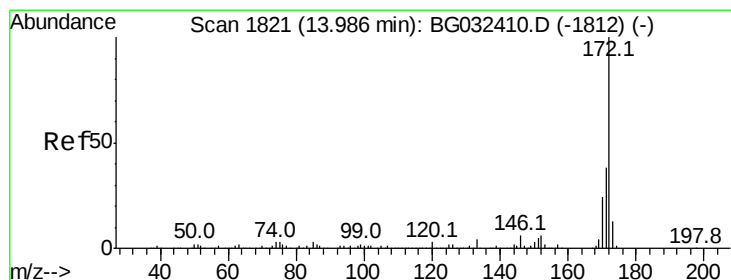
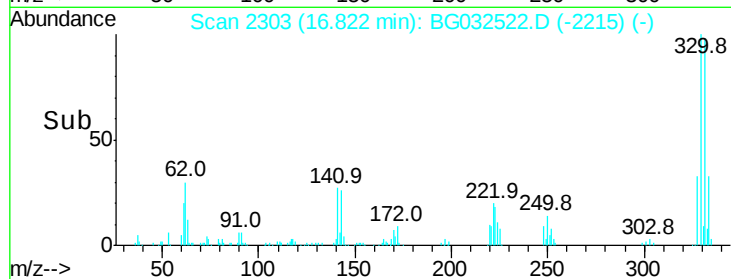
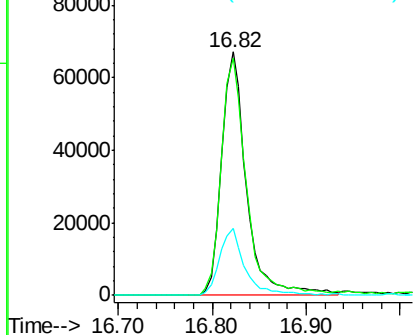
#41
 2,4,6-Tribromophenol
 Concen: 97.700 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032522.D
 Acq: 2 Feb 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BL

Tot Ion:330 Resp: 124164
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 27.9 25.2 37.8

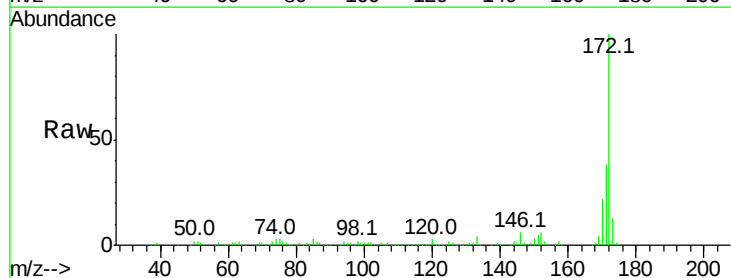


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

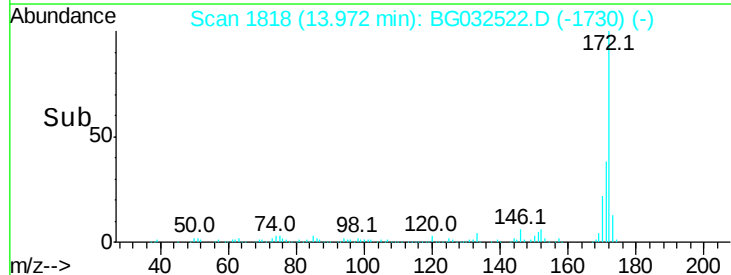
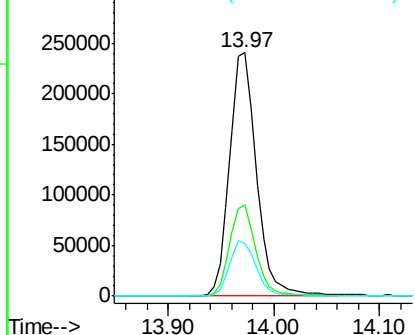


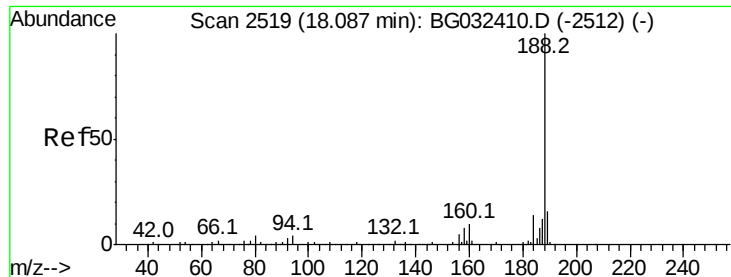
#44
 2-Fluorobiphenyl
 Concen: 75.683 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032522.D
 Acq: 2 Feb 2018 21:24

Tgt Ion:172 Resp: 425131
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 21.6 19.5 29.3



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

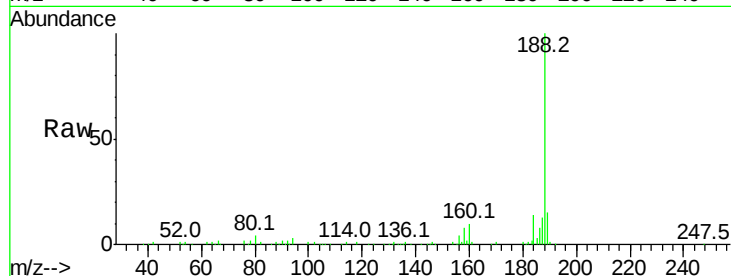




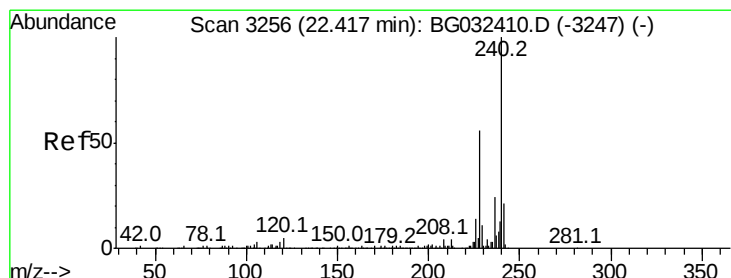
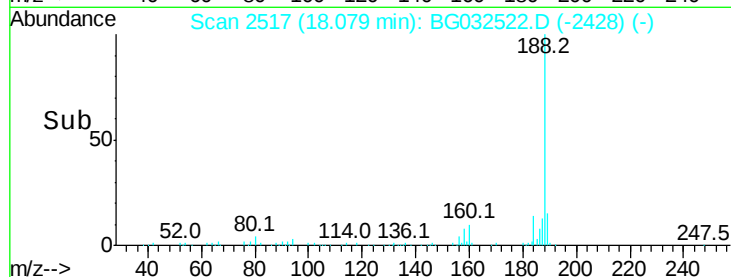
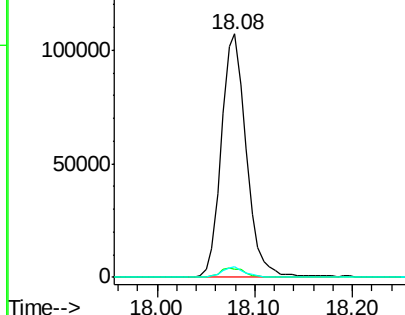
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032522.D
Acq: 2 Feb 2018 21:24

Instrument :
BNA_G
ClientSampled :
PB106268BL

Tot Ion:188 Resp: 190552
Ion Ratio Lower Upper
188 100
94 3.3 6.9 10.3#
80 4.2 7.7 11.5#

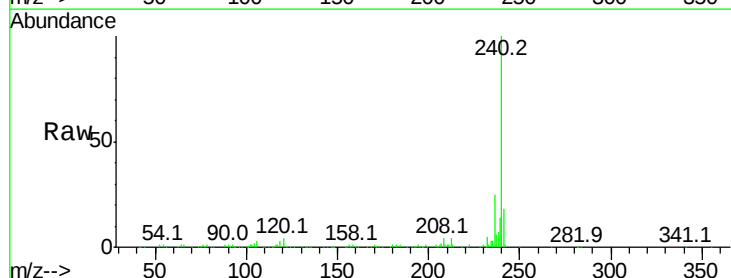


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

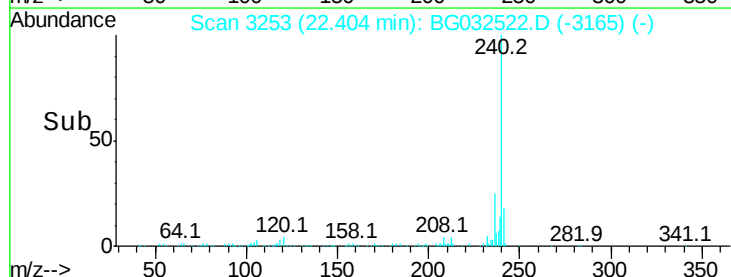
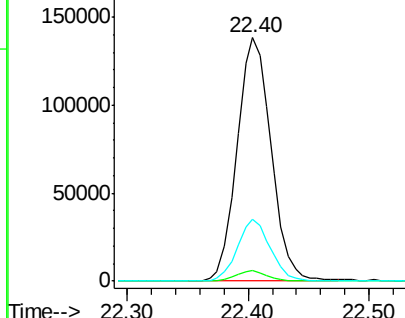


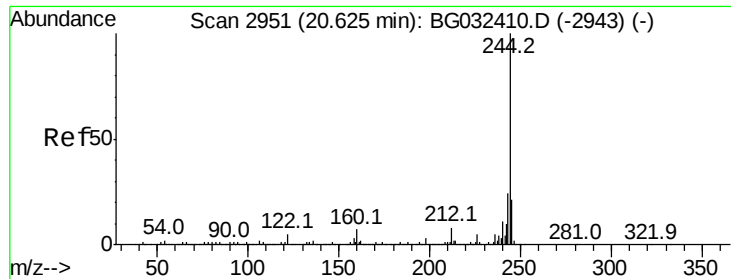
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032522.D
Acq: 2 Feb 2018 21:24

Tgt Ion:240 Resp: 271493
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 25.3 20.9 31.3



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: 83.002 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032522.D

Acq: 2 Feb 2018 21:24

Instrument :

BNA_G

ClientSampleId :

PB106268BL

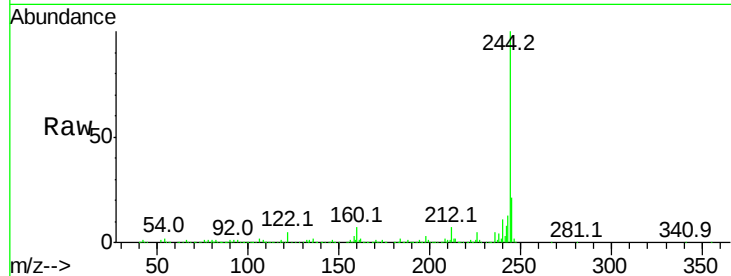
Tot Ion:244 Resp: 1051986

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

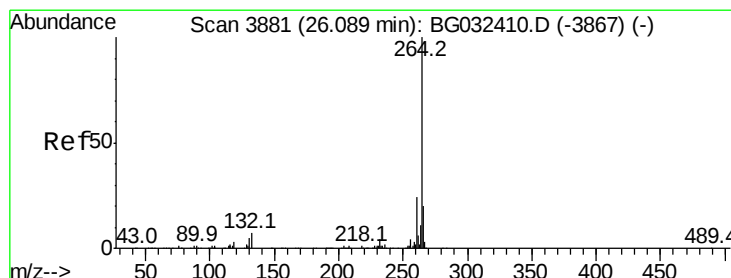
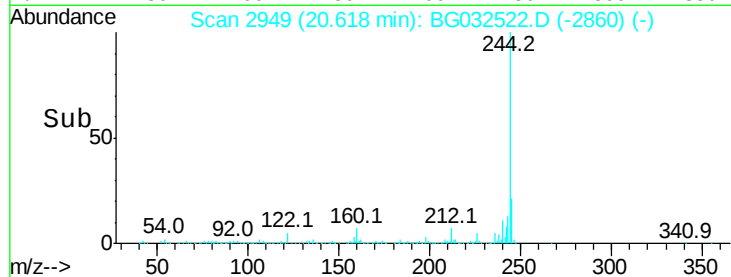
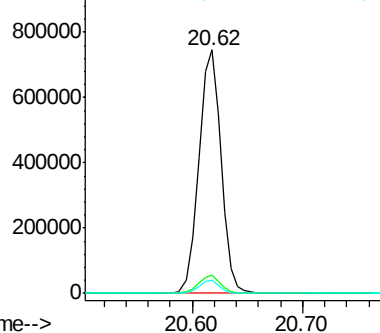
122 5.2 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032522.D

Acq: 2 Feb 2018 21:24

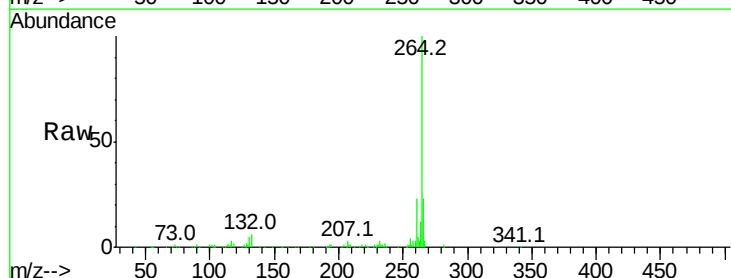
Tgt Ion:264 Resp: 287016

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 22.7 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

