

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032563.D
 Acq On : 6 Feb 2018 9:25
 Operator : SJ/JU
 Sample : PB106300TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300TB

Quant Time: Feb 06 10:29:24 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	17546	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	66687	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	46013	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	122088	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	160376	20.00	ng	-0.02
86) Perylene-d12	26.07	264	180306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	105076	120.28	ng	-0.01
7) Phenol-d6	7.82	99	126632	108.63	ng	0.00
23) Nitrobenzene-d5	9.90	82	75116	70.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	94201	107.55	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	283103	73.13	ng	-0.02
78) Terphenyl-d14	20.61	244	601291	80.31	ng	-0.01

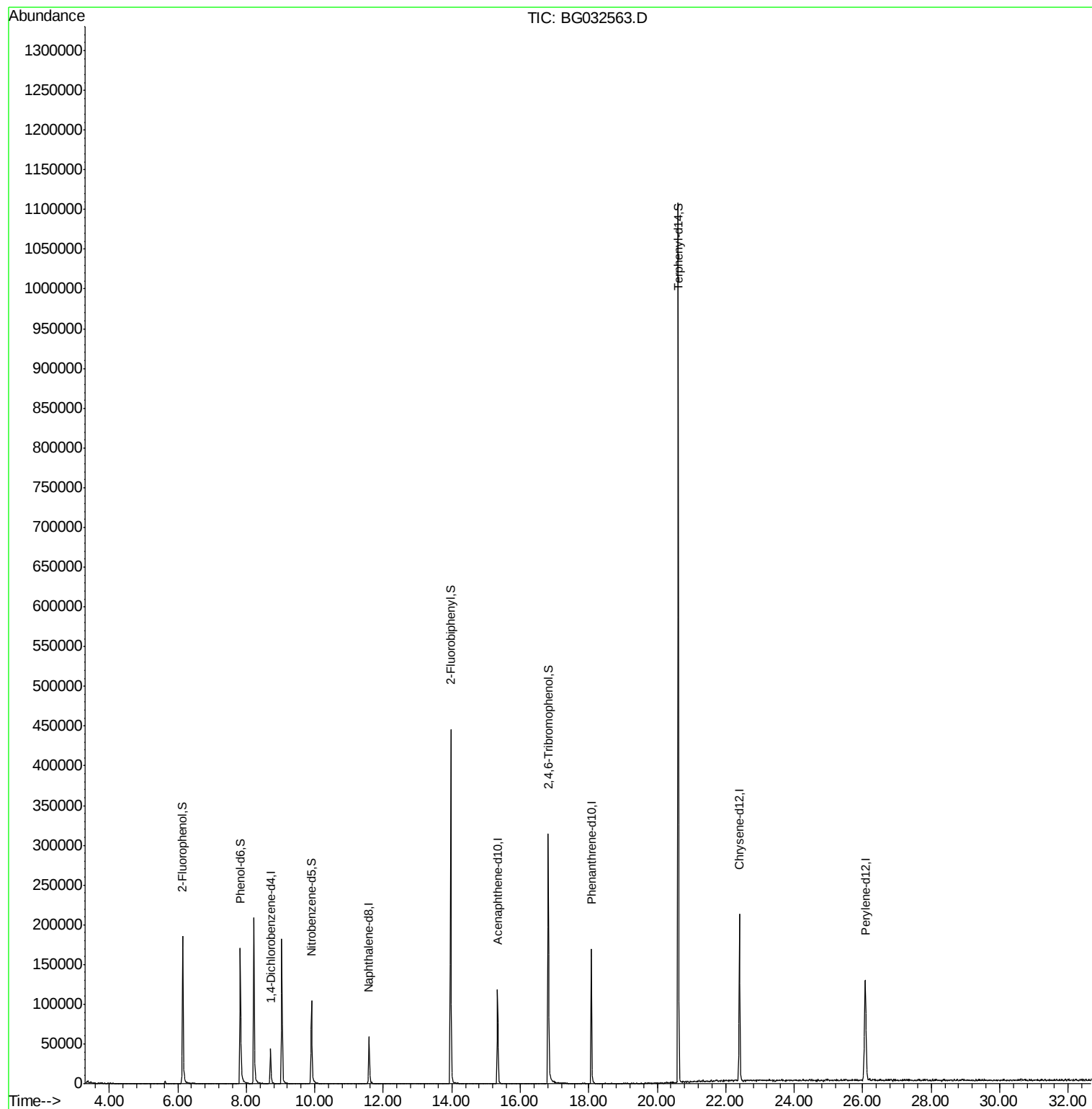
Target Compounds Qvalue

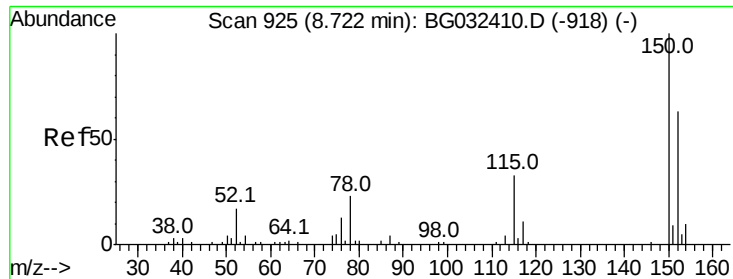
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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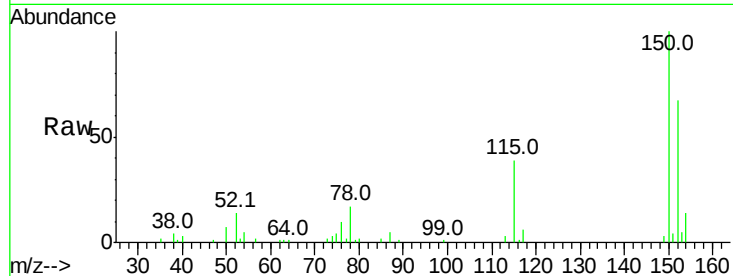


#1

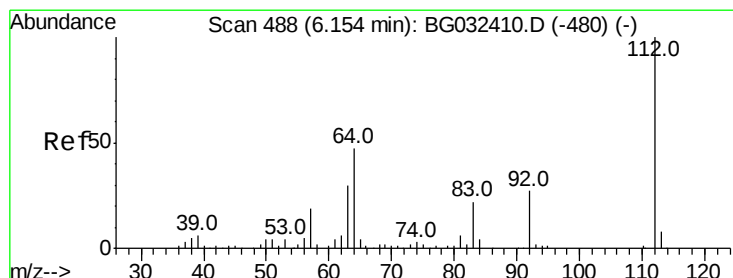
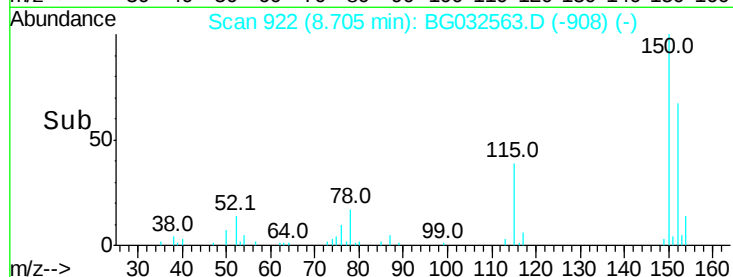
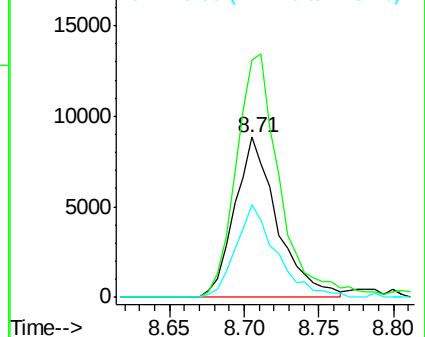
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032563.D
Acq: 6 Feb 2018 9:25

Instrument :
BNA_G
ClientSampleId :
PB106300TB

Tot Ion:152 Resp: 17546
Ion Ratio Lower Upper
152 100
150 148.8 126.6 189.8
115 58.3 53.0 79.4



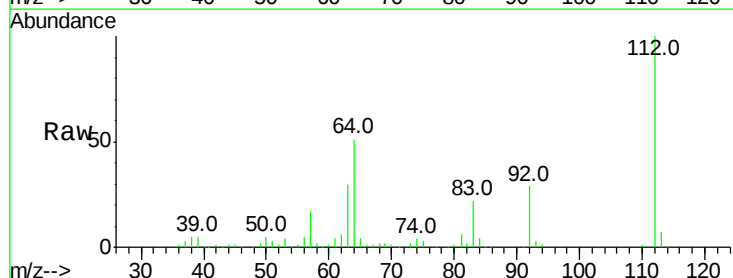
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



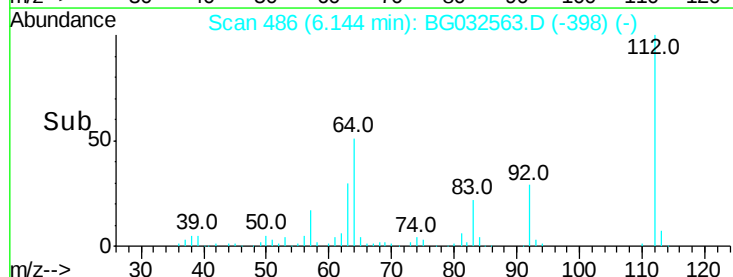
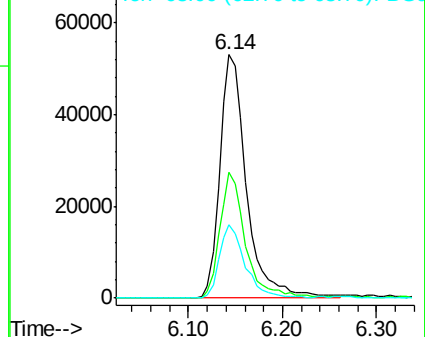
#5

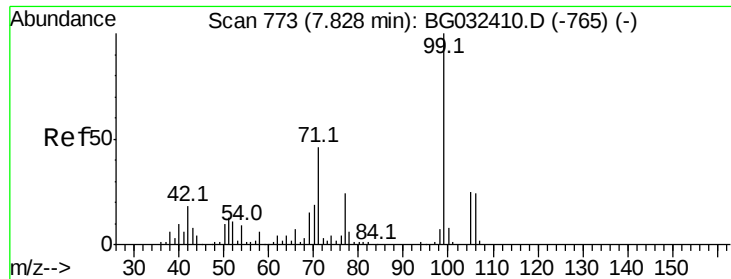
2-Fluorophenol
Concen: 120.284 ng
RT: 6.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032563.D
Acq: 6 Feb 2018 9:25

Tgt Ion:112 Resp: 105076
Ion Ratio Lower Upper
112 100
64 51.5 56.3 84.5#
63 30.3 30.1 45.1



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: 108.632 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032563.D

Acq: 6 Feb 2018 9:25

Instrument :

BNA_G

ClientSampleId :

PB106300TB

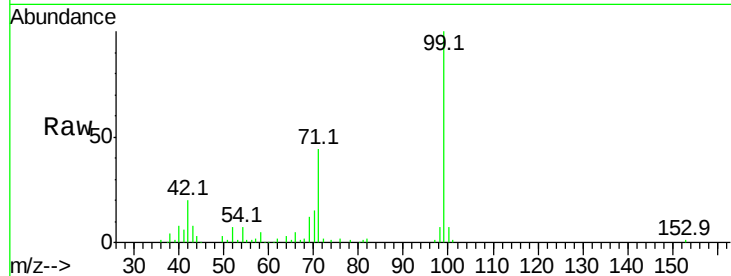
Tot Ion: 99 Resp: 126632

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

71 44.0 26.1 39.1#

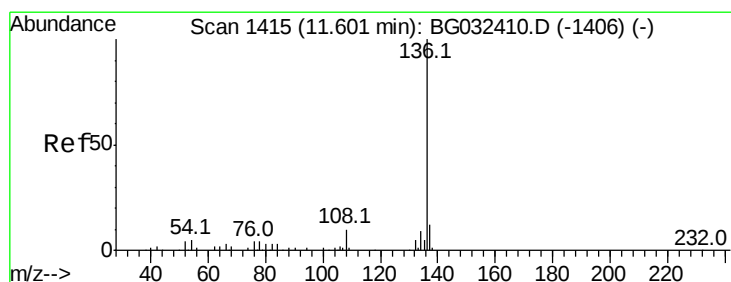
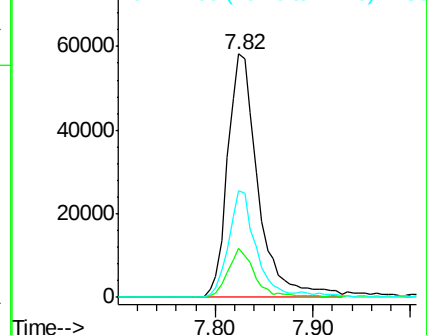
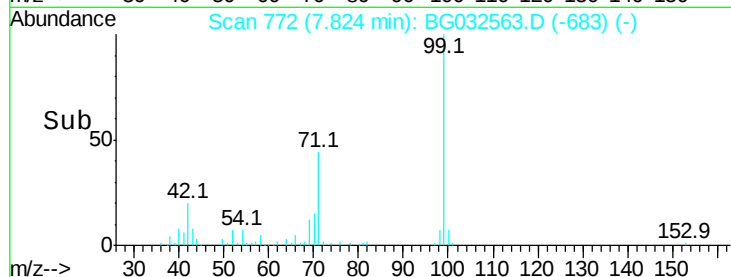


Abundance

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: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032563.D

Acq: 6 Feb 2018 9:25

Tgt Ion: 136 Resp: 66687

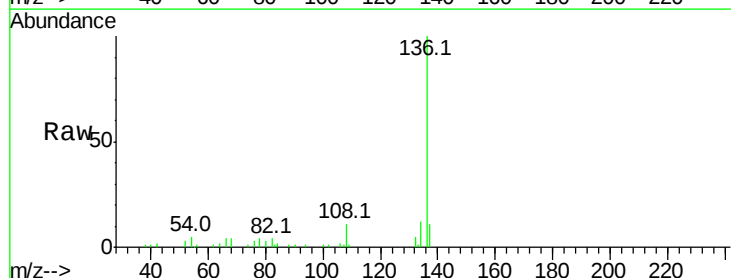
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.3 10.3 15.5#

68 3.8 4.5 6.7#



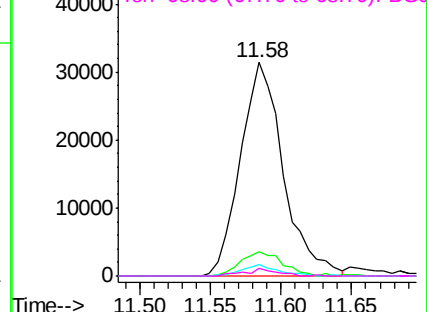
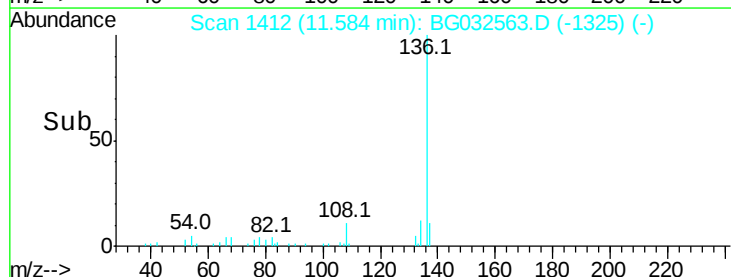
Abundance

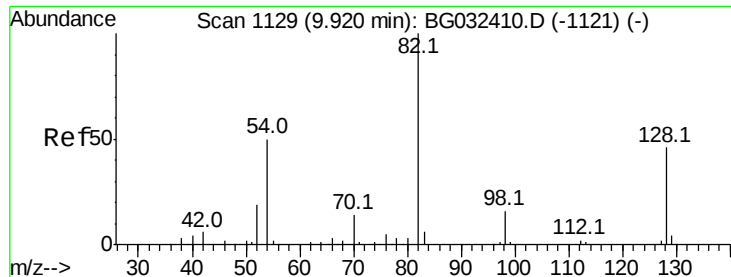
Ion 136.00 (135.70 to 136.70): BGC

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

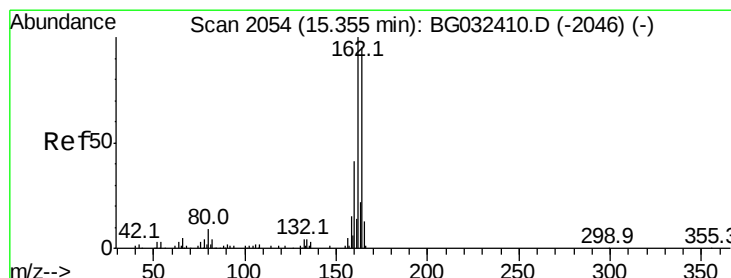
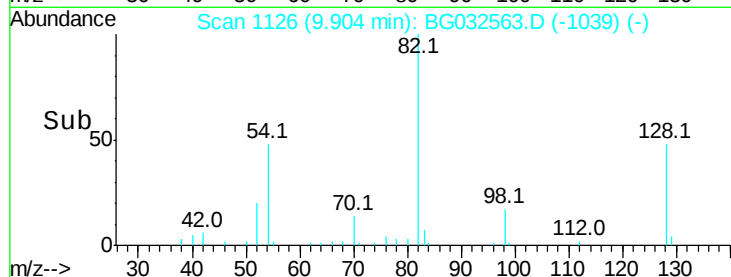
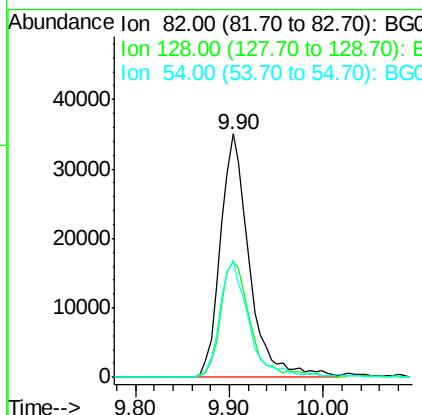
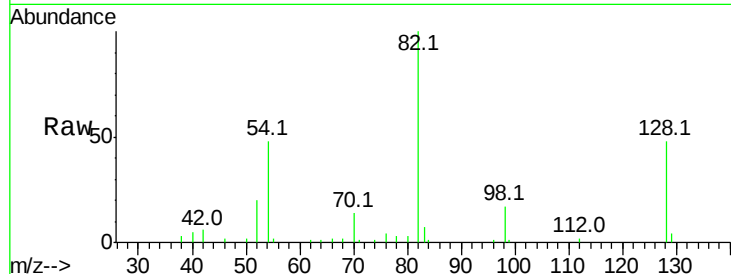




#23
 Nitrobenzene-d5
 Concen: 70.355 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032563.D
 Acq: 6 Feb 2018 9:25

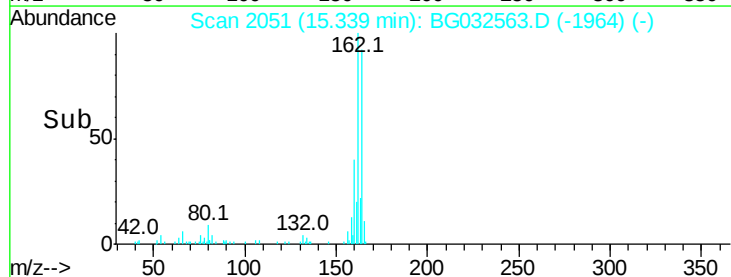
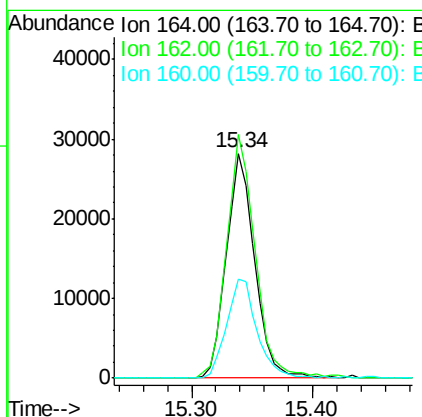
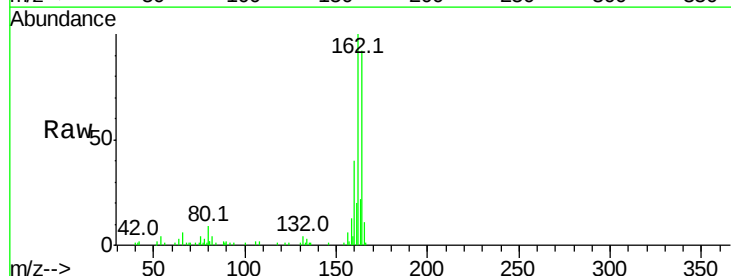
Instrument :
 BNA_G
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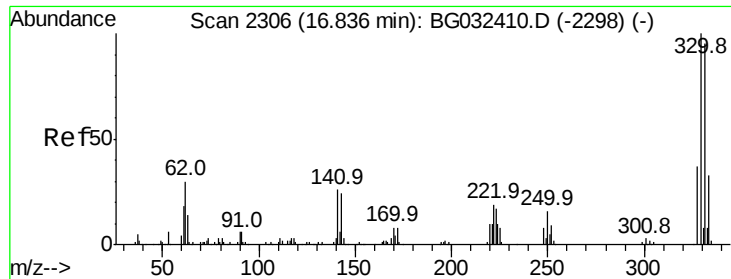
Tot Ion	82	Resp	75116
Ion Ratio	Lower	Upper	
82	100		
128	47.7	29.7	44.5#
54	48.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BG032563.D
 Acq: 6 Feb 2018 9:25

Tgt Ion	164	Resp	46013
Ion Ratio	Lower	Upper	
164	100		
162	108.5	78.8	118.2
160	43.8	35.4	53.0

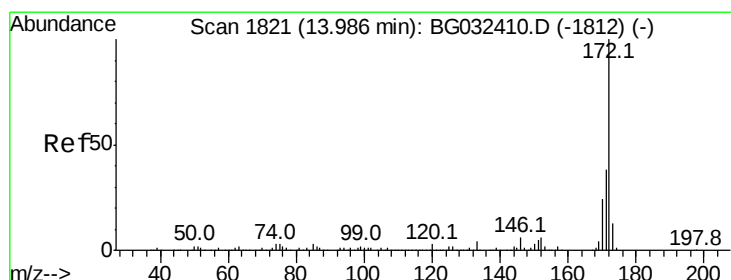
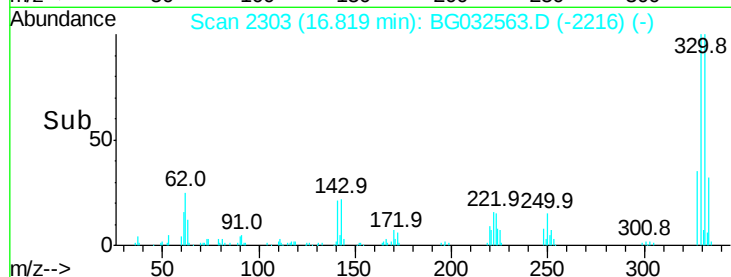
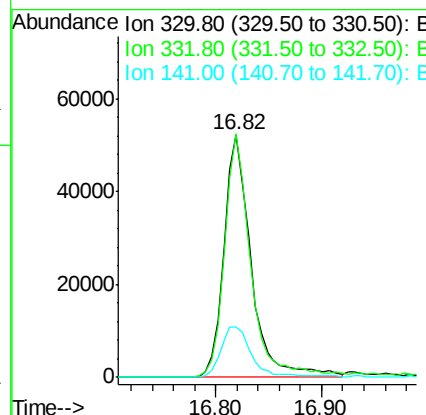
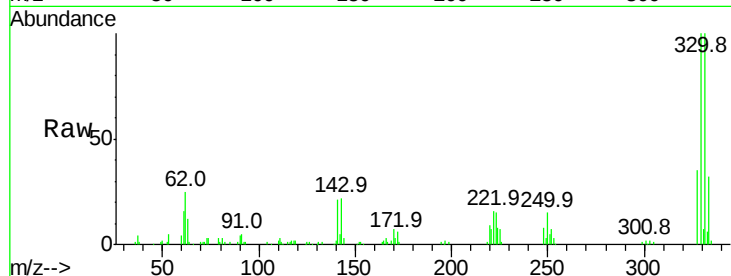




#41
 2,4,6-Tribromophenol
 Concen: 107.553 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032563.D
 Acq: 6 Feb 2018 9:25

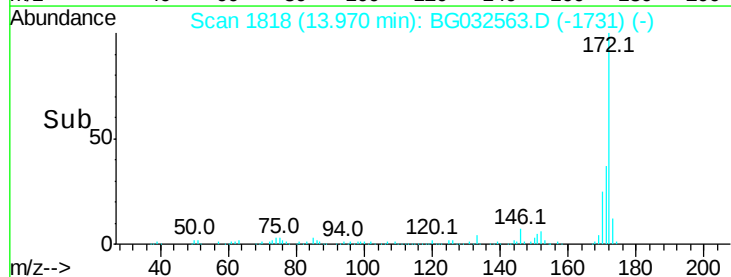
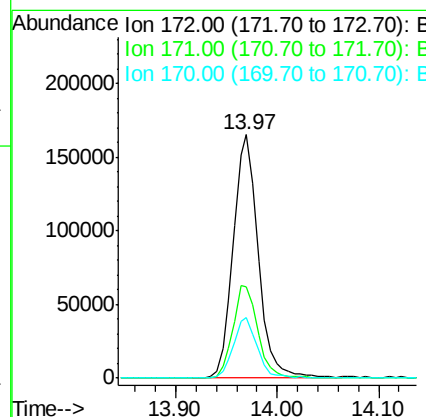
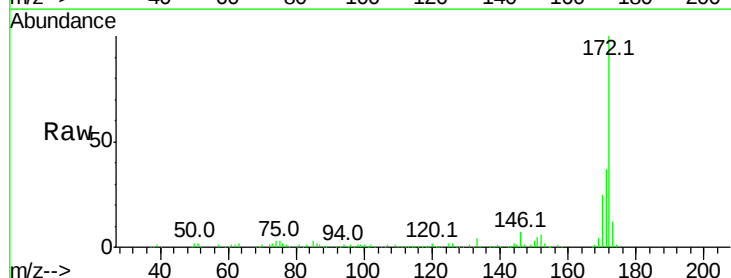
Instrument :
 BNA_G
 ClientSampleId :
 PB106300TB

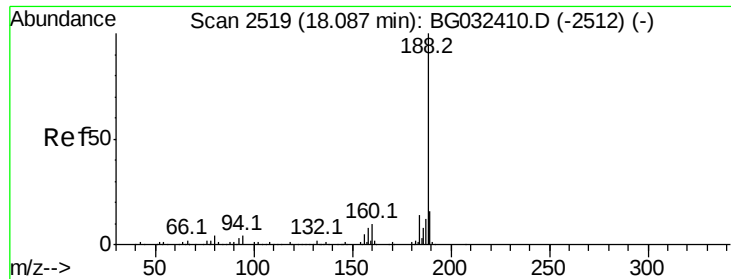
Tot Ion:330 Resp: 94201
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 23.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 73.129 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032563.D
 Acq: 6 Feb 2018 9:25

Tgt Ion:172 Resp: 283103
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.7 19.5 29.3

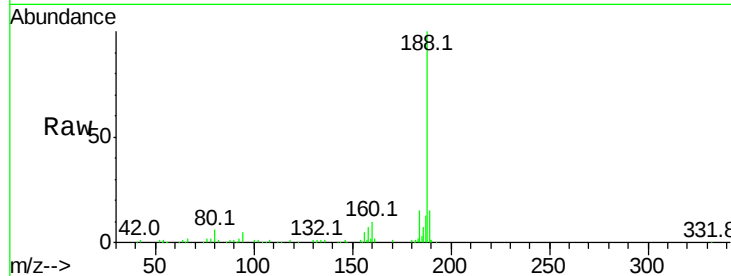




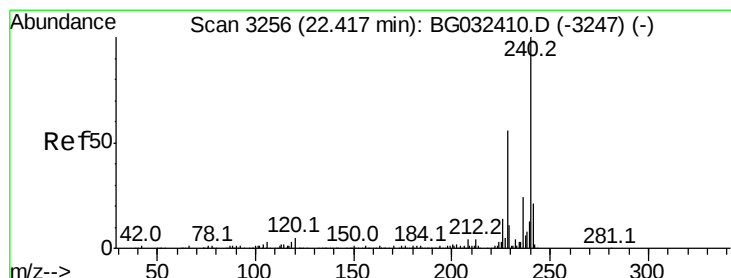
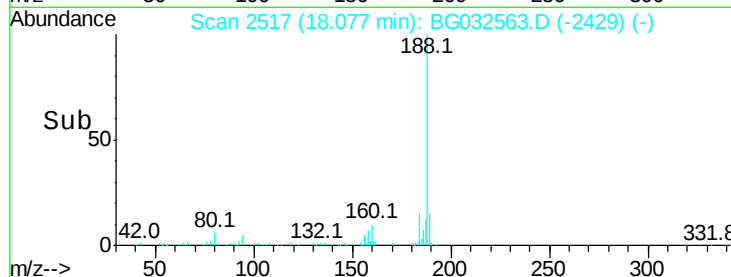
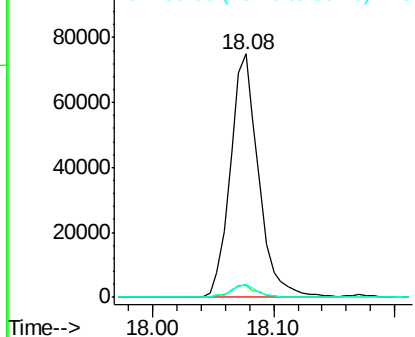
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032563.D
Acq: 6 Feb 2018 9:25

Instrument :
BNA_G
ClientSampleId :
PB106300TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.6	7.7	11.5#

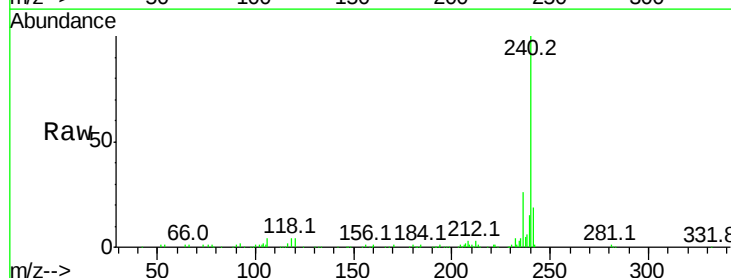


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

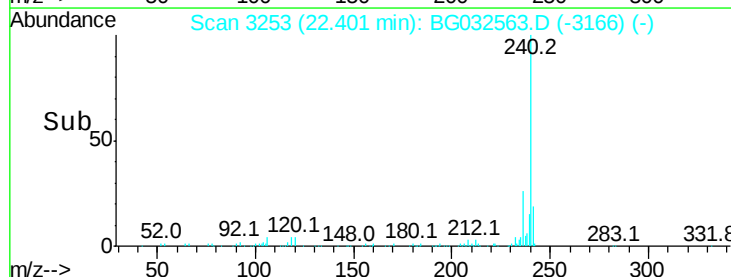
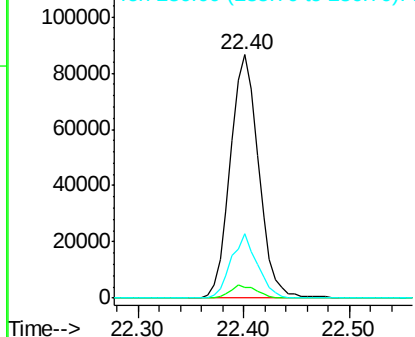


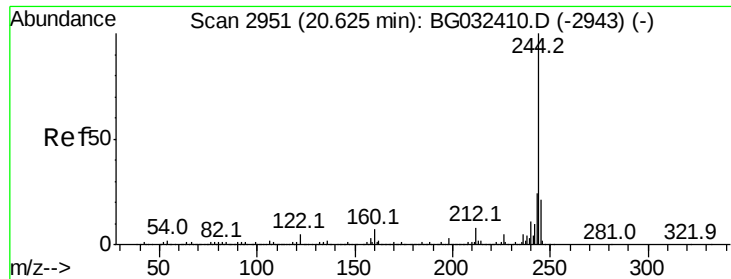
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032563.D
Acq: 6 Feb 2018 9:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	26.2	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: 80.312 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032563.D

Acq: 6 Feb 2018 9:25

Instrument :

BNA_G

ClientSampleId :

PB106300TB

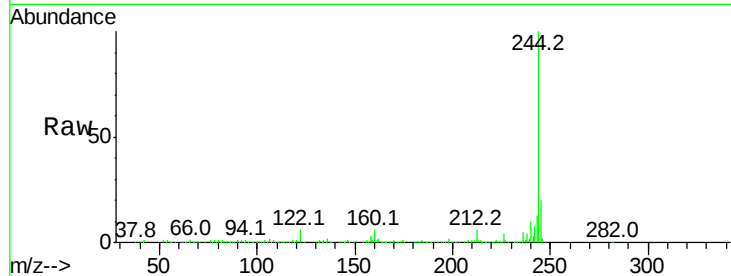
Tot Ion:244 Resp: 601291

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

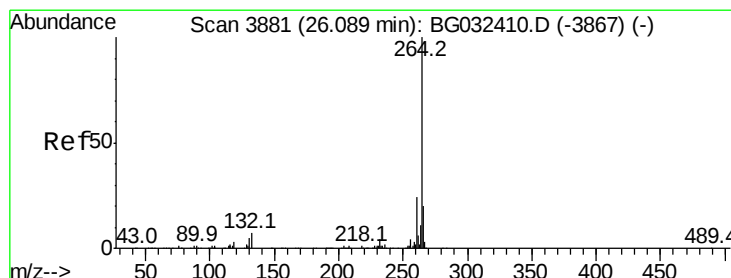
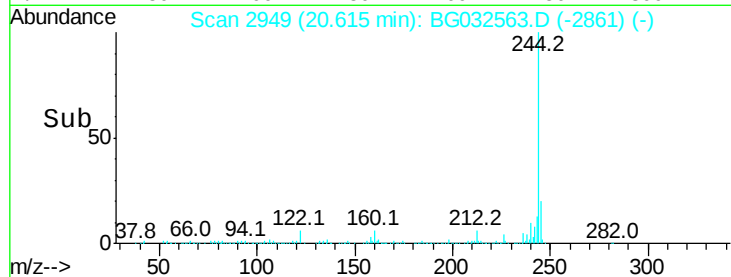
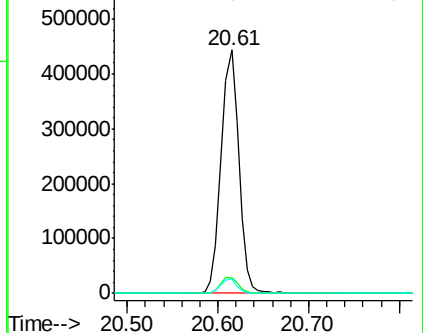
122 5.7 7.0 10.4#



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: 26.07 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BG032563.D

Acq: 6 Feb 2018 9:25

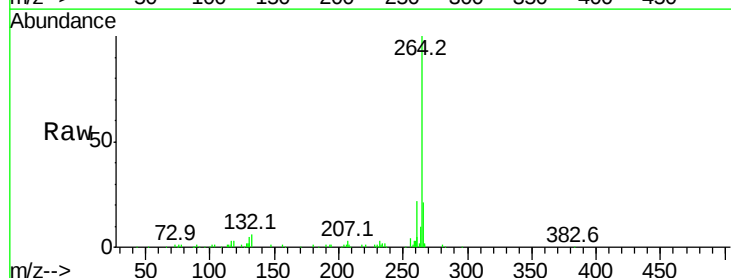
Tgt Ion:264 Resp: 180306

Ion Ratio Lower Upper

264 100

260 22.0 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

