

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032561.D
 Acq On : 6 Feb 2018 8:10
 Operator : SJ/JU
 Sample : PB106290BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Quant Time: Feb 06 10:23:22 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	19932	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	89825	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	64241	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	175353	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	236472	20.00	ng	-0.02
86) Perylene-d12	26.07	264	259020	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	123363	124.31	ng	0.00
7) Phenol-d6	7.82	99	146455	110.60	ng	0.00
23) Nitrobenzene-d5	9.90	82	109571	76.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	127354	104.15	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	421657	78.01	ng	-0.02
78) Terphenyl-d14	20.62	244	966887	87.59	ng	-0.01

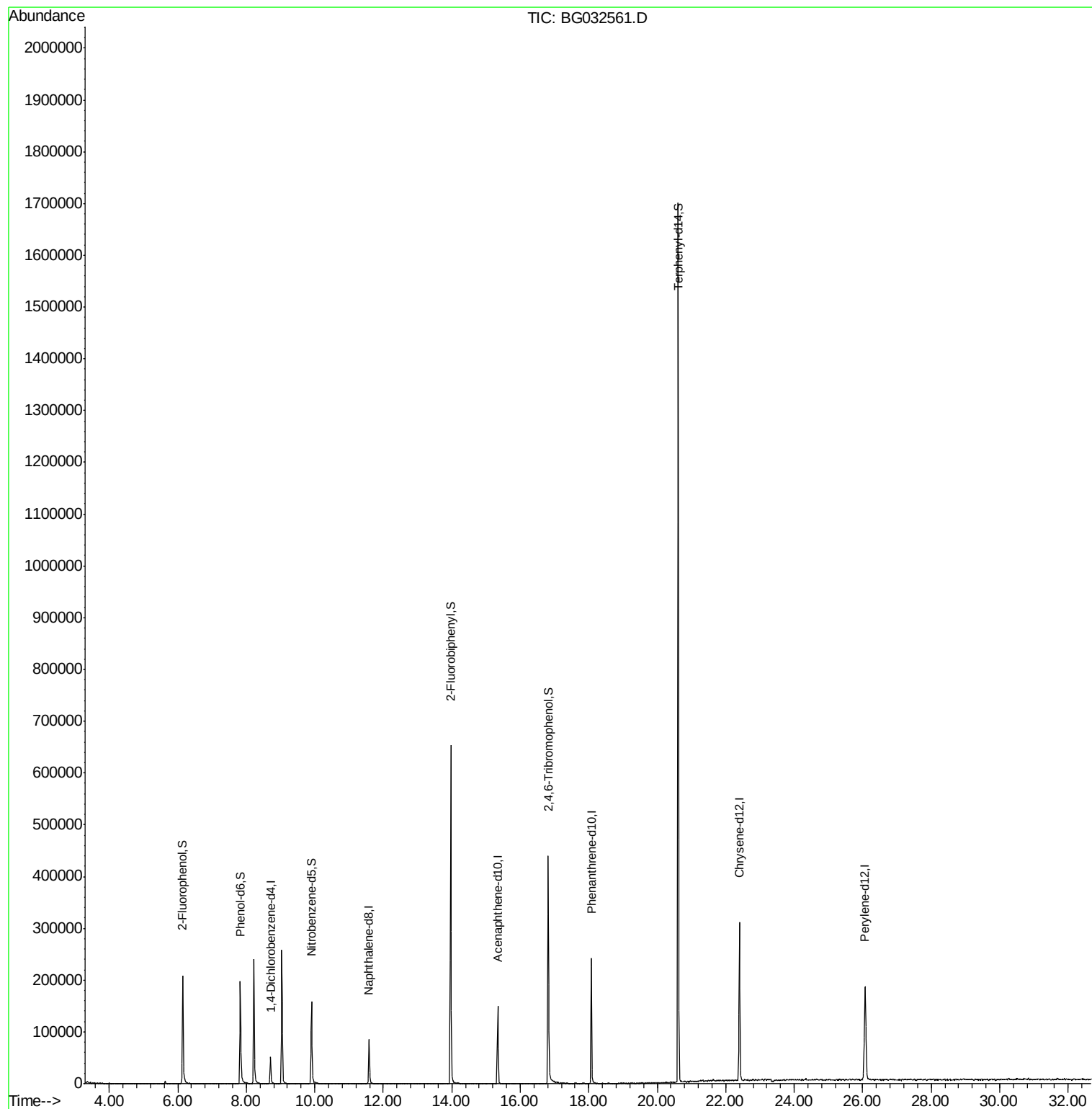
Target Compounds Qvalue

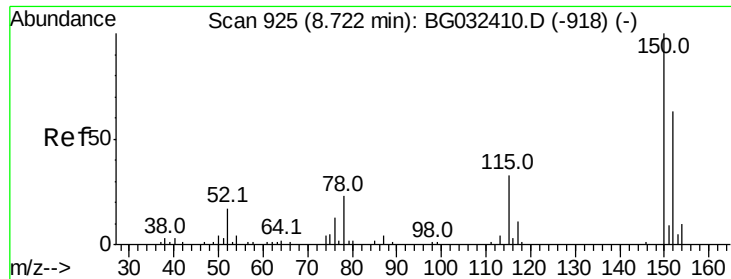
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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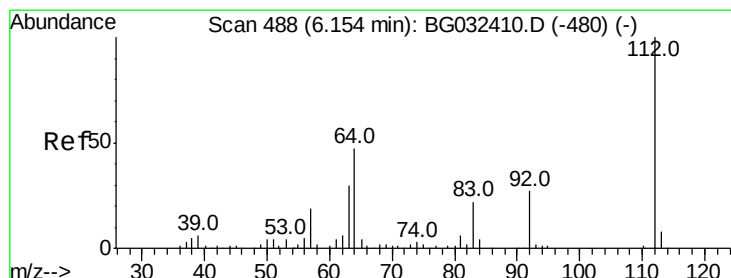
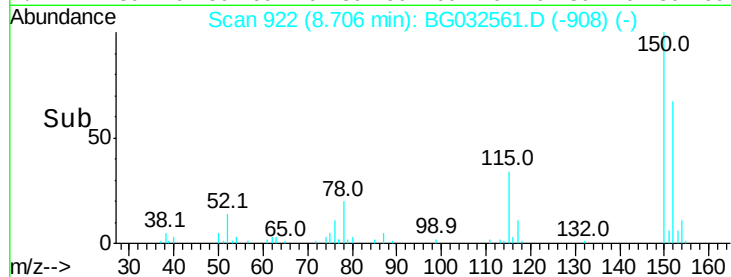
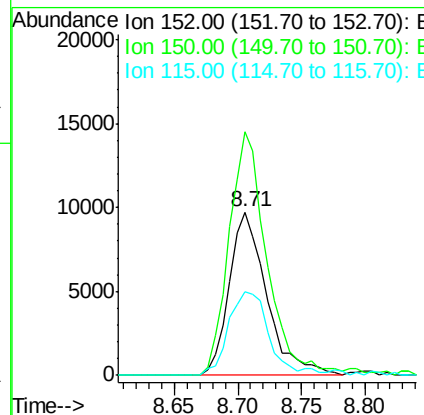
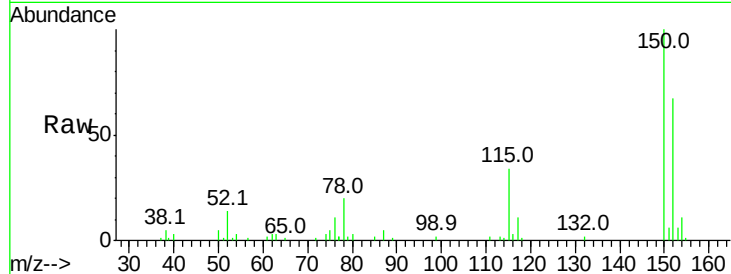


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

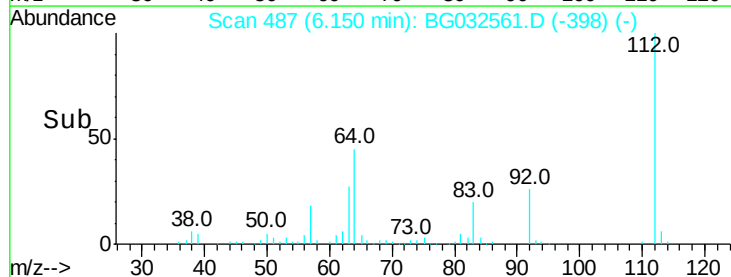
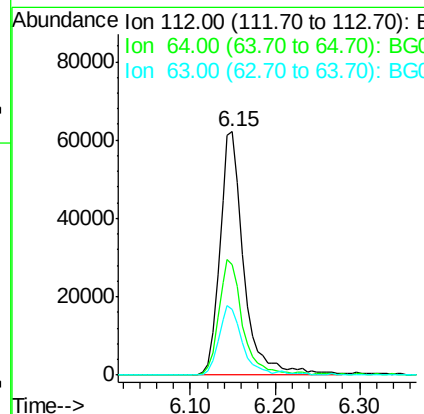
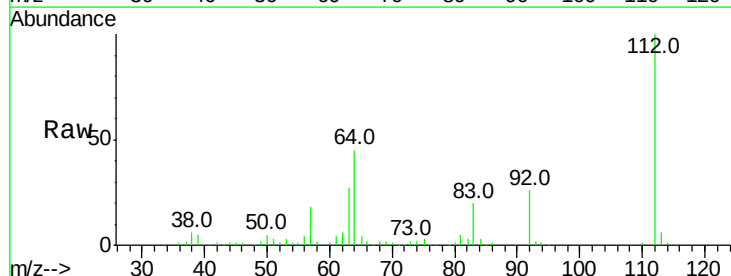
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.6	189.8
115	51.4	53.0	79.4#

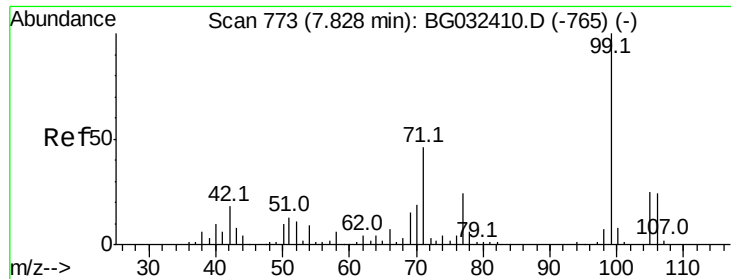


#5

2-Fluorophenol
 Concen: 124.313 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.5	56.3	84.5#
63	27.0	30.1	45.1#





#7

Phenol-d6

Concen: 110.598 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

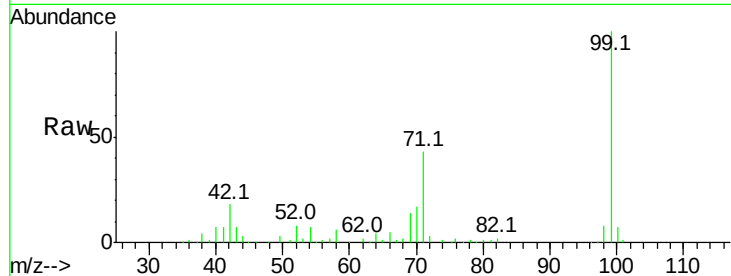
Tot Ion: 99 Resp: 146455

Ion Ratio Lower Upper

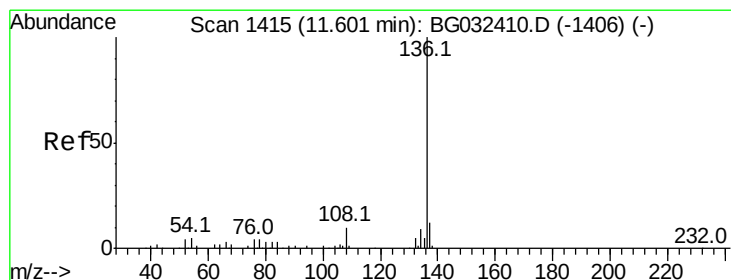
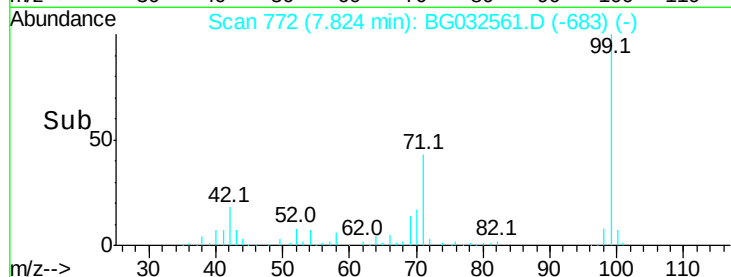
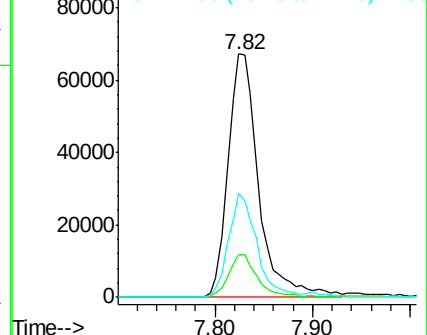
99 100

42 17.8 14.1 21.1

71 42.7 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: BG032561.D

Acq: 6 Feb 2018 8:10

Tgt Ion:136 Resp: 89825

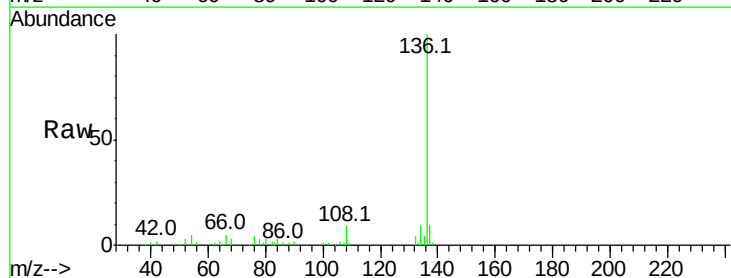
Ion Ratio Lower Upper

136 100

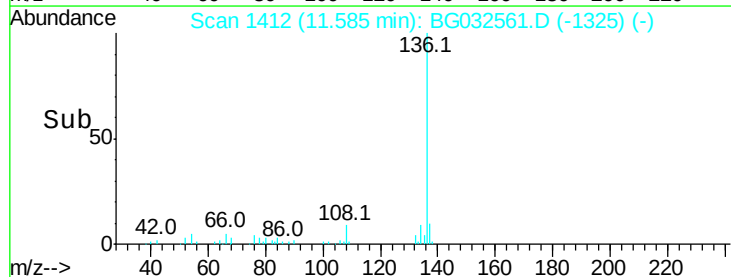
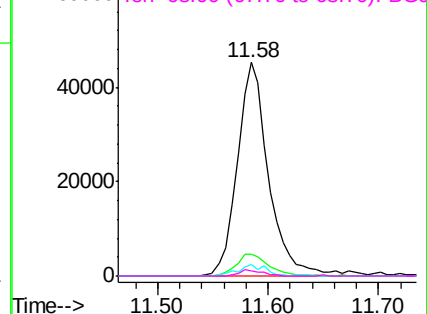
137 10.0 9.2 13.8

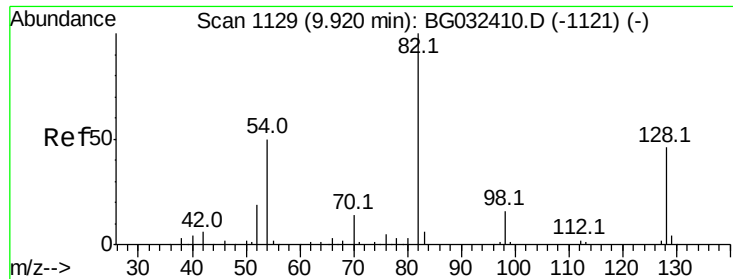
54 5.4 10.3 15.5#

68 2.6 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

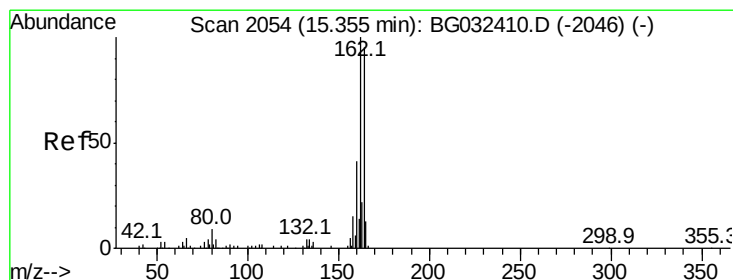
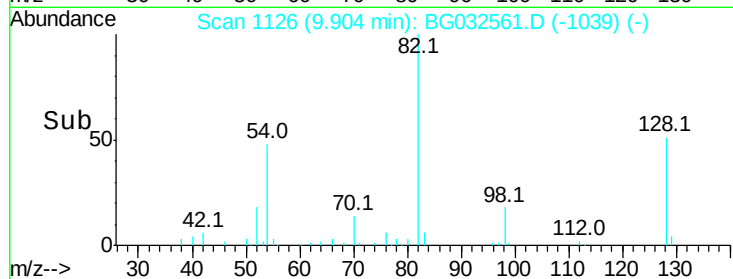
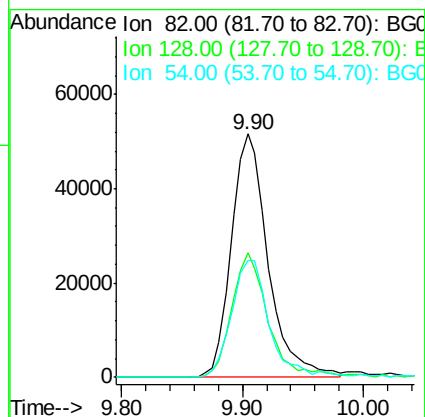
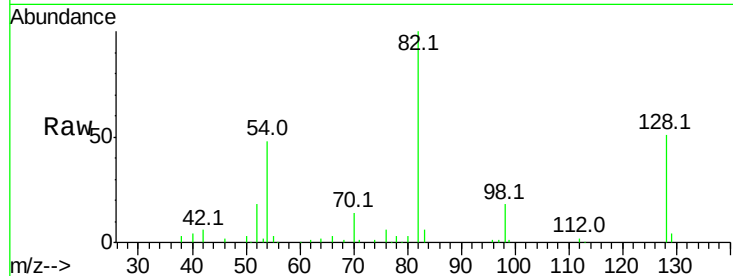




#23
 Nitrobenzene-d5
 Concen: 76.191 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

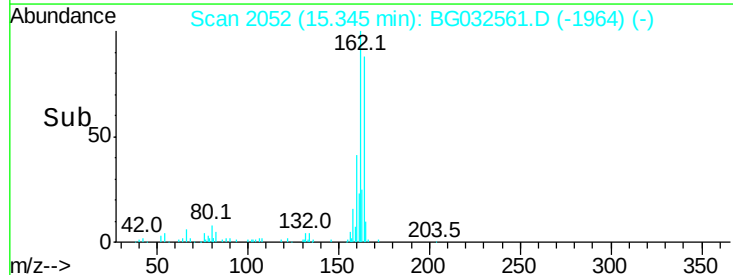
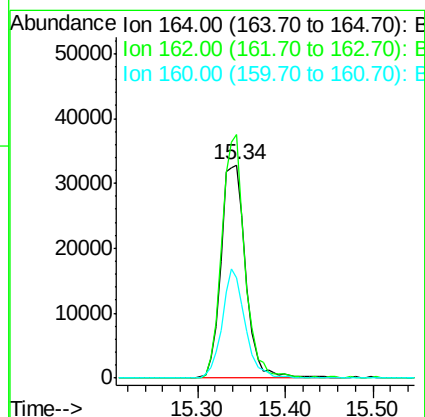
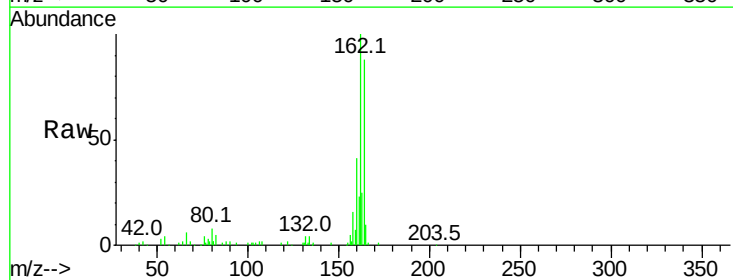
Instrument :
 BNA_G
 ClientSampleID :
 PB106290BL

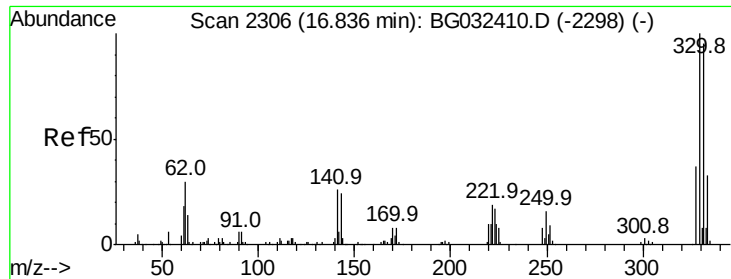
Tot Ion: 82 Resp: 109571
 Ion Ratio Lower Upper
 82 100
 128 51.2 29.7 44.5#
 54 47.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:164 Resp: 64241
 Ion Ratio Lower Upper
 164 100
 162 114.1 78.8 118.2
 160 47.0 35.4 53.0

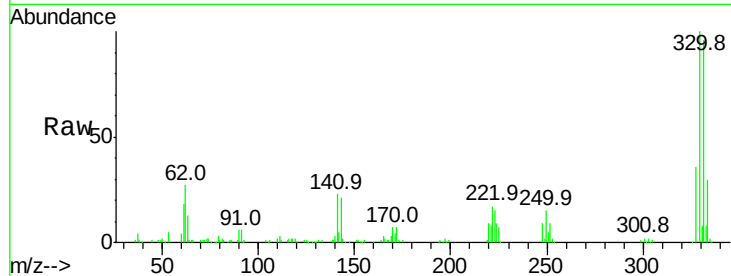




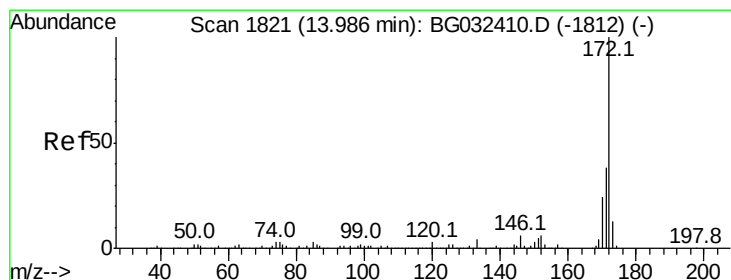
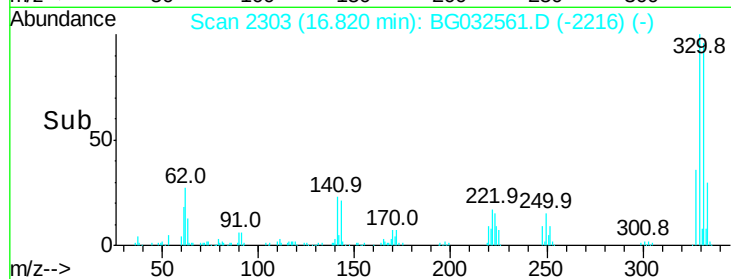
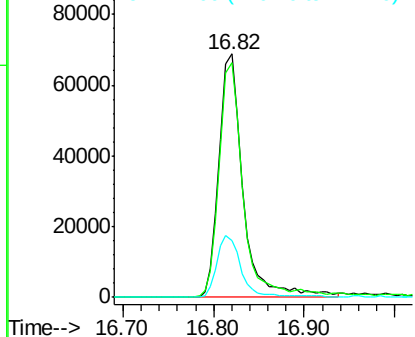
#41
 2,4,6-Tribromophenol
 Concen: 104.147 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BL

Tot Ion:330 Resp: 127354
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 24.9 25.2 37.8#

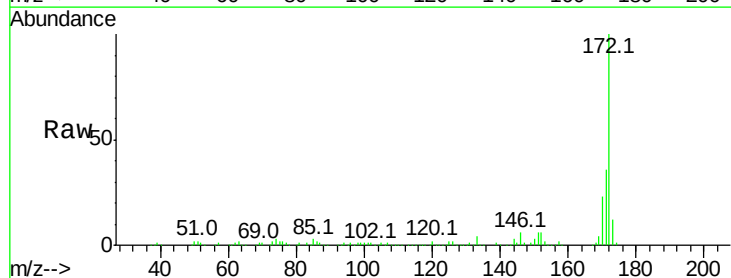


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

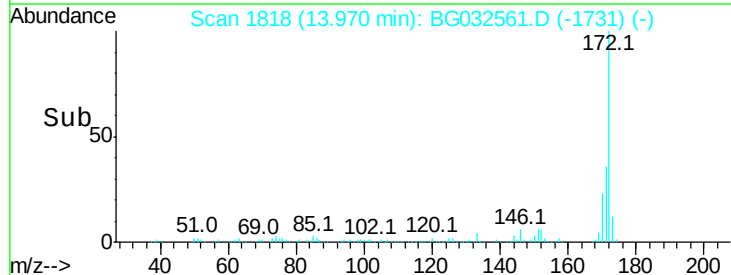
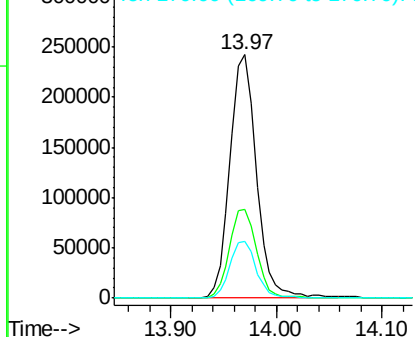


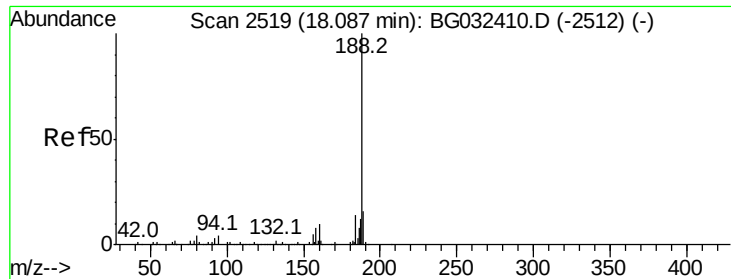
#44
 2-Fluorobiphenyl
 Concen: 78.014 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032561.D
 Acq: 6 Feb 2018 8:10

Tgt Ion:172 Resp: 421657
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.2 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: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

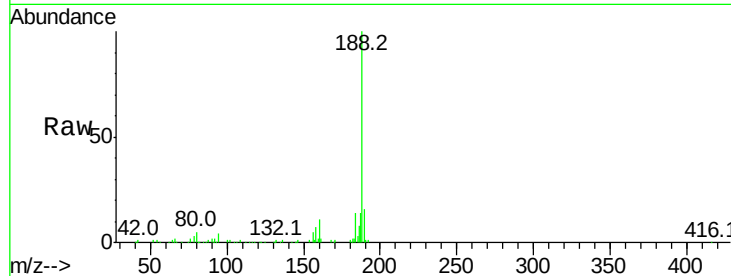
Tot Ion:188 Resp: 175353

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

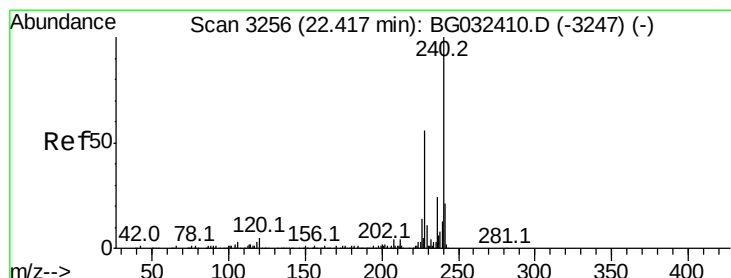
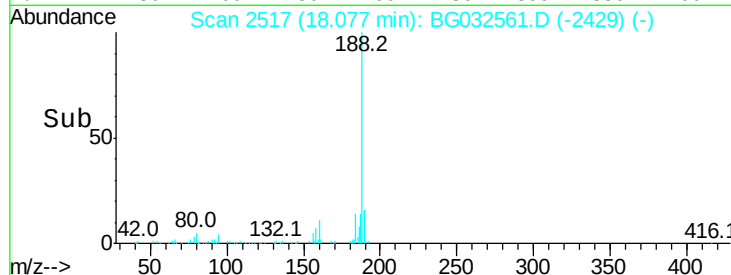
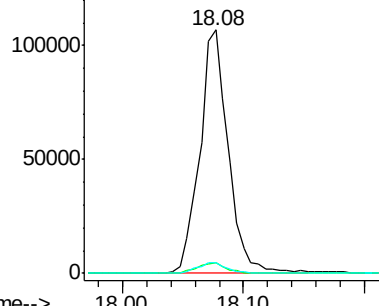
80 5.0 7.7 11.5#



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: BG032561.D

Acq: 6 Feb 2018 8:10

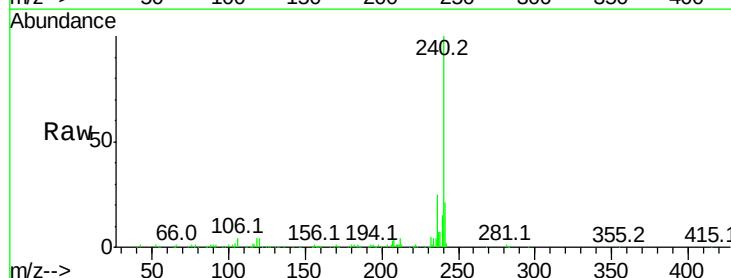
Tgt Ion:240 Resp: 236472

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

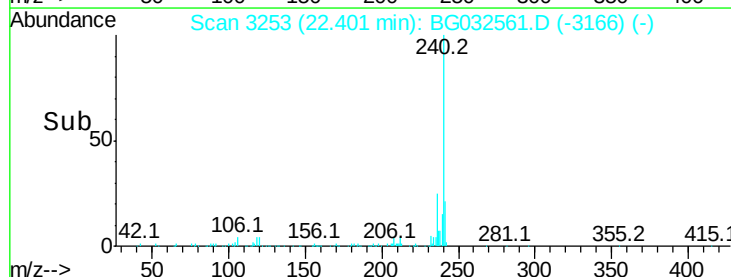
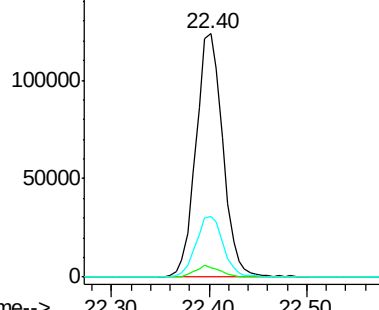
236 25.0 20.9 31.3

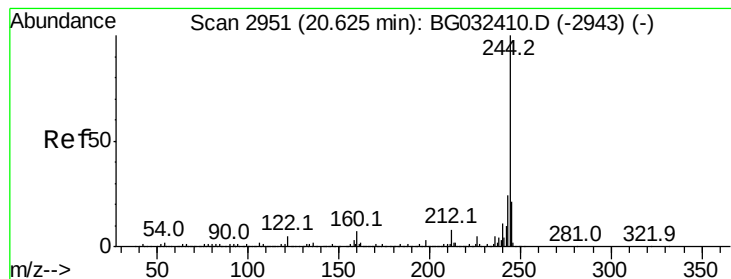


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.585 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032561.D

Acq: 6 Feb 2018 8:10

Instrument :

BNA_G

ClientSampleId :

PB106290BL

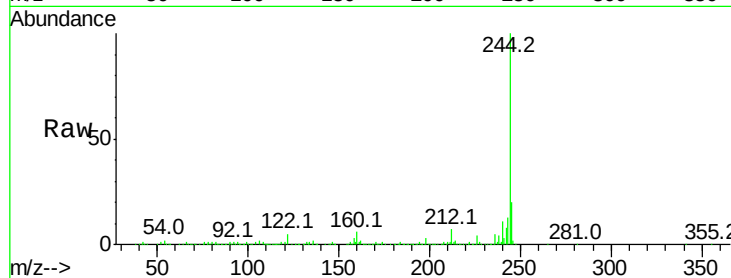
Tot Ion:244 Resp: 966887

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

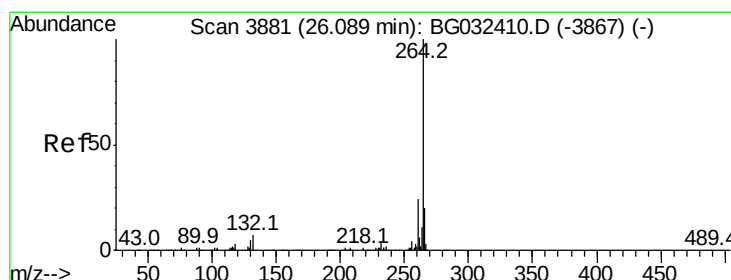
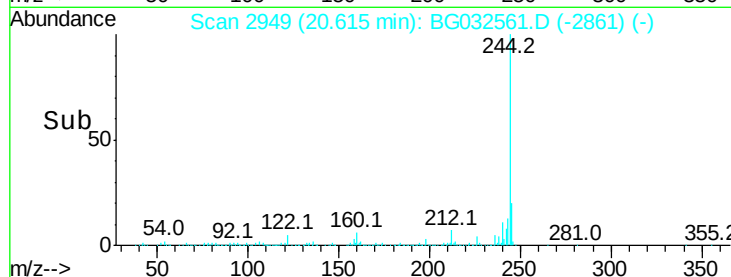
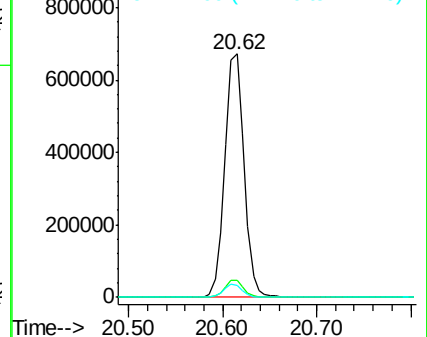
122 4.9 7.0 10.4#



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: BG032561.D

Acq: 6 Feb 2018 8:10

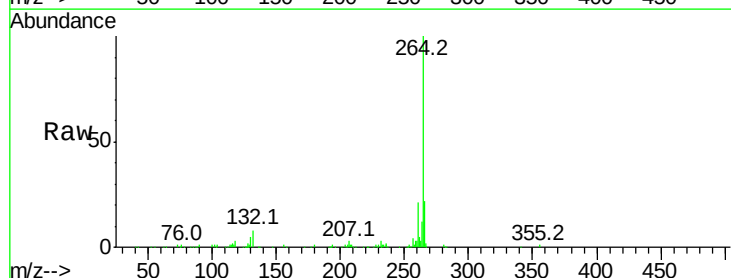
Tgt Ion:264 Resp: 259020

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 21.8 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

