

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032562.D
 Acq On : 6 Feb 2018 8:47
 Operator : SJ/JU
 Sample : PB106300BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Quant Time: Feb 06 10:27:21 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	18635	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	90425	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	64788	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	178832	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	237382	20.00	ng	-0.02
86) Perylene-d12	26.07	264	261981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	133166	143.53	ng	0.00
7) Phenol-d6	7.83	99	147812	119.39	ng	0.00
23) Nitrobenzene-d5	9.91	82	87561	60.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	129377	104.91	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	430059	78.90	ng	-0.02
78) Terphenyl-d14	20.61	244	902318	81.42	ng	-0.01

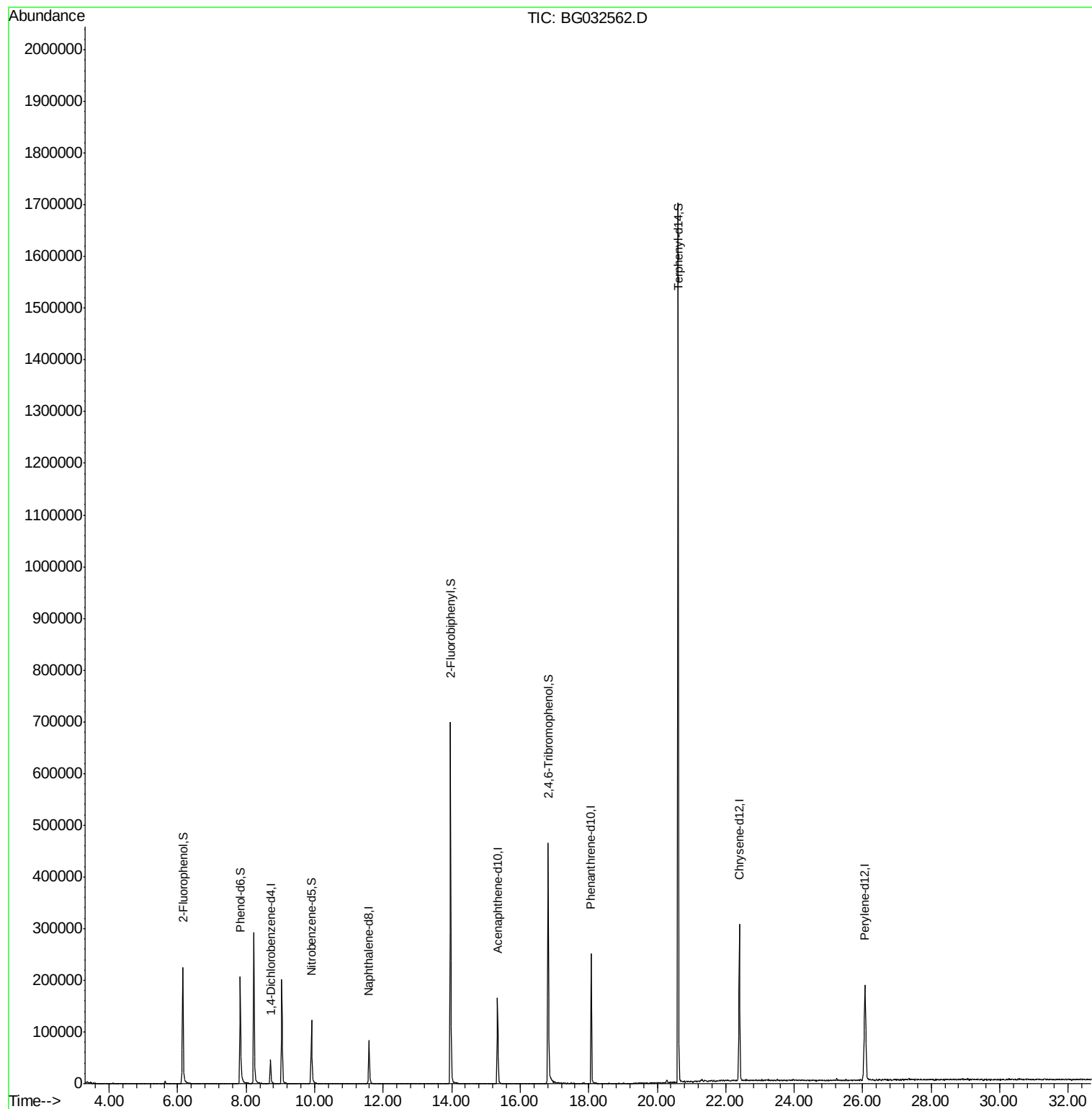
Target Compounds Qvalue

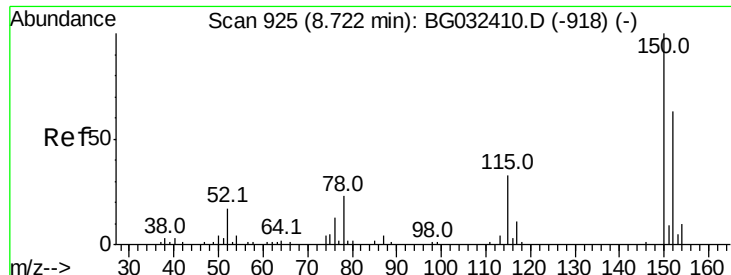
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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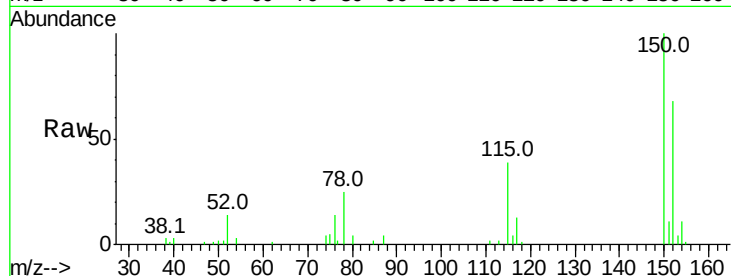


#1

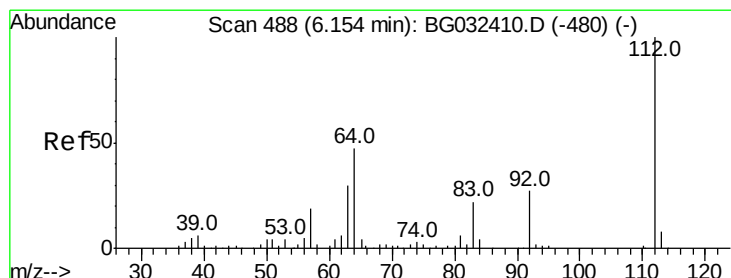
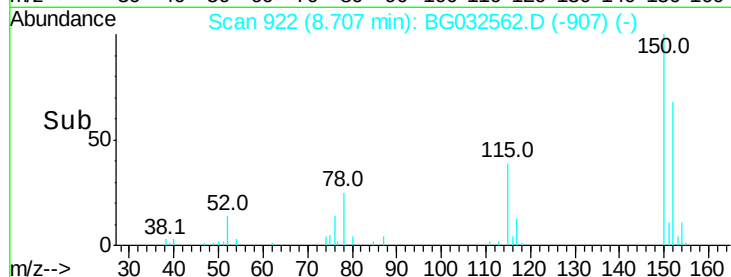
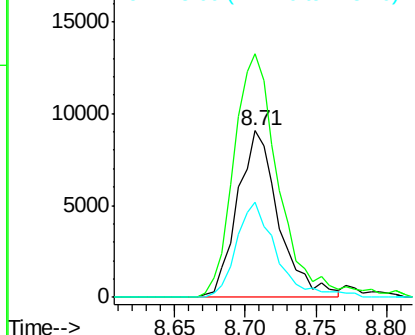
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Instrument :
BNA_G
ClientSampleId :
PB106300BL

Tot Ion:152 Resp: 18635
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 56.8 53.0 79.4



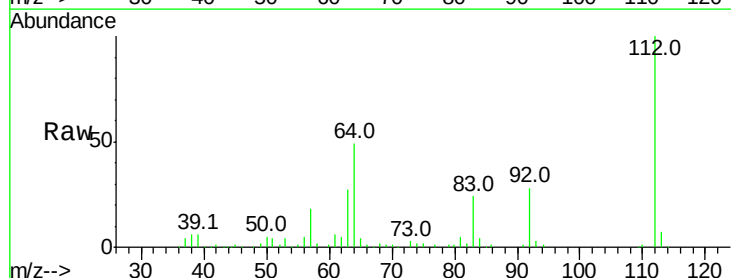
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



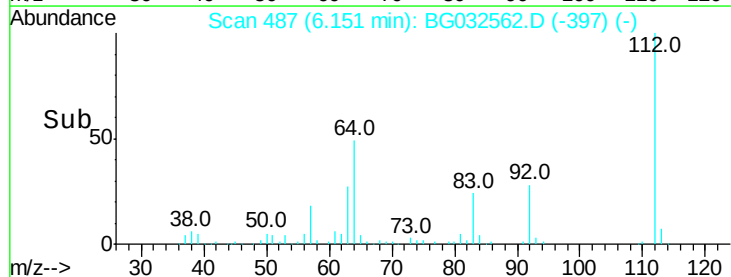
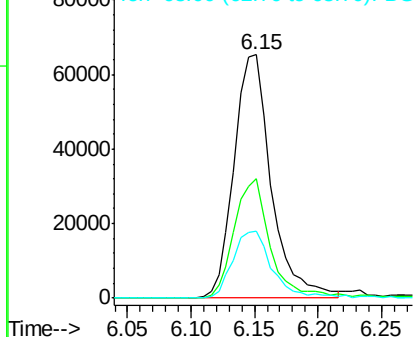
#5

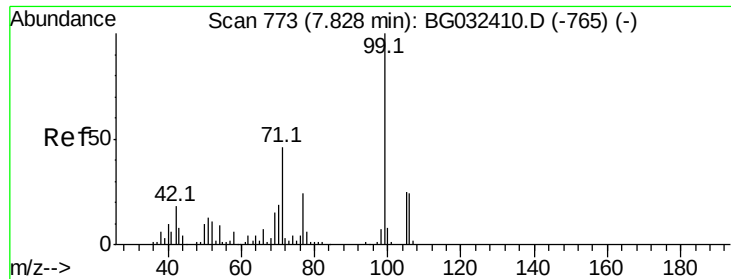
2-Fluorophenol
Concen: 143.532 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032562.D
Acq: 6 Feb 2018 8:47

Tgt Ion:112 Resp: 133166
Ion Ratio Lower Upper
112 100
64 48.9 56.3 84.5#
63 27.3 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: 119.391 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

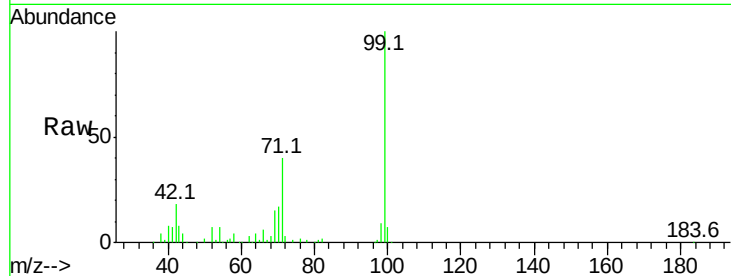
Tot Ion: 99 Resp: 147812

Ion Ratio Lower Upper

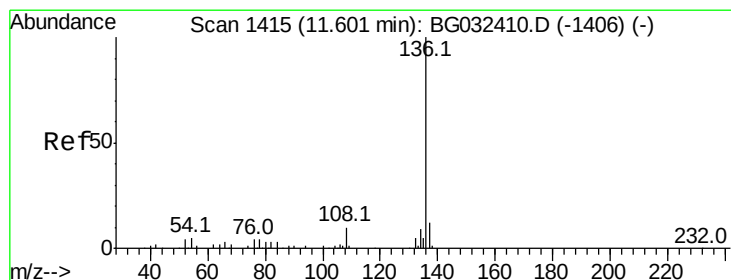
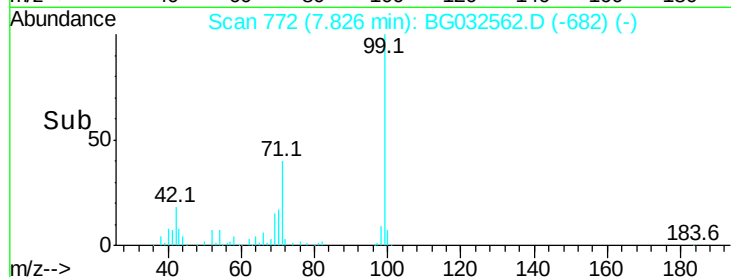
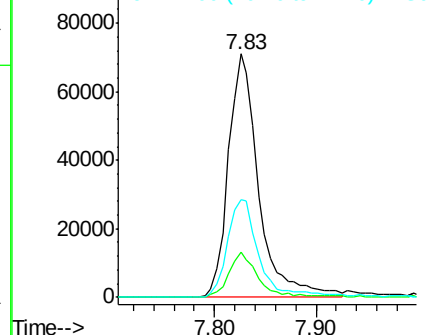
99 100

42 18.4 14.1 21.1

71 40.1 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: BG032562.D

Acq: 6 Feb 2018 8:47

Tgt Ion: 136 Resp: 90425

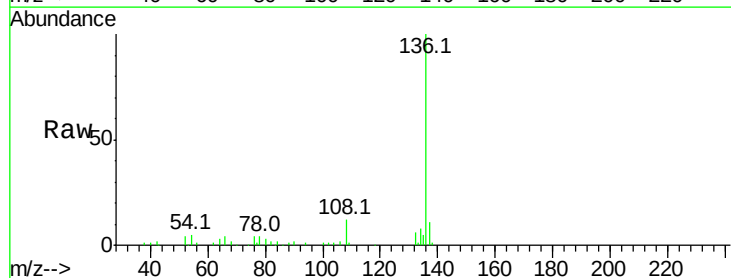
Ion Ratio Lower Upper

136 100

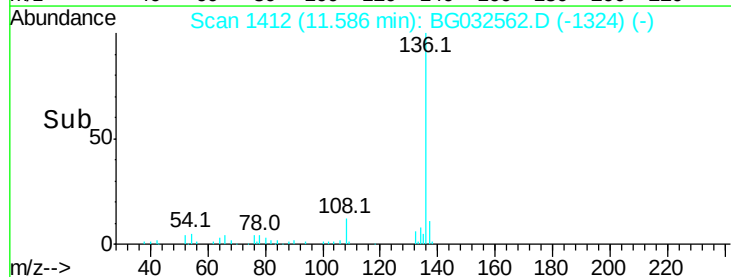
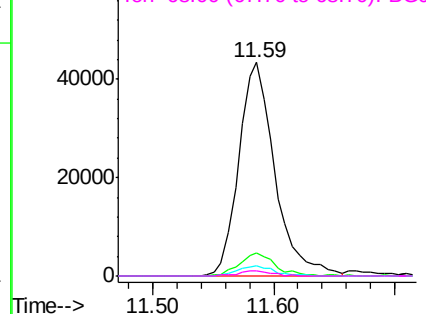
137 11.1 9.2 13.8

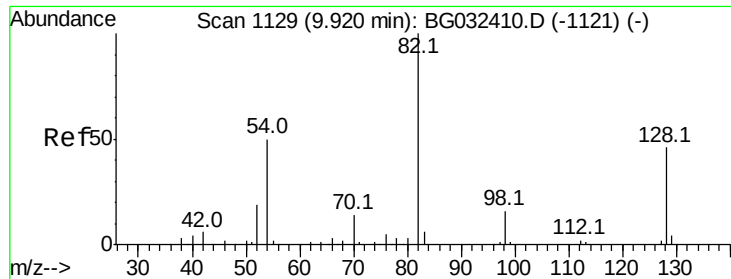
54 4.5 10.3 15.5#

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

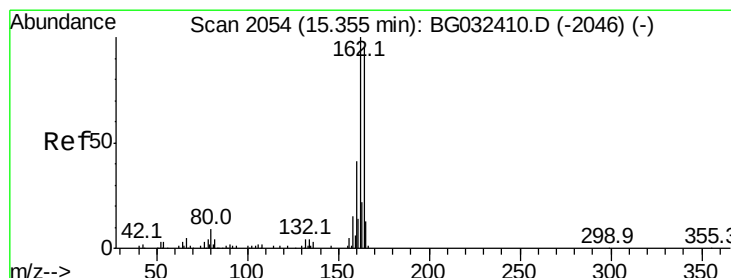
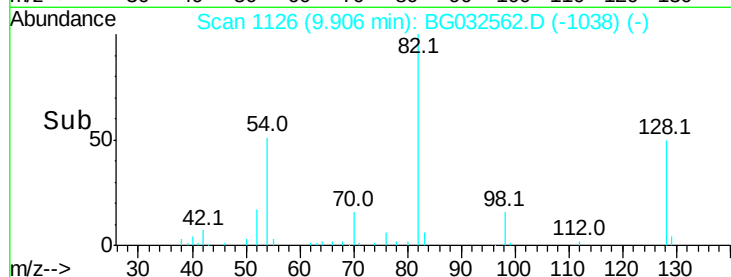
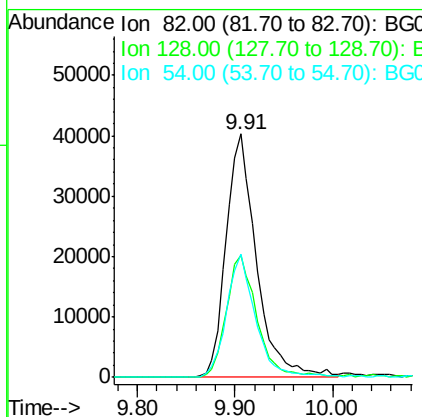
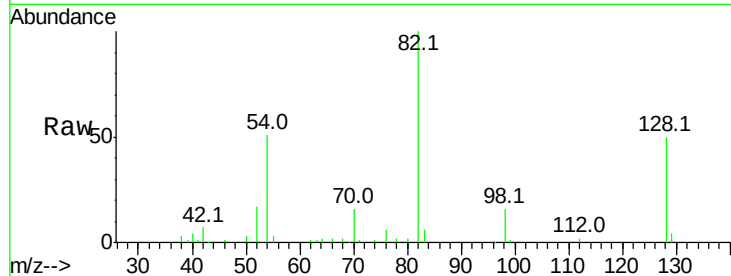




#23
 Nitrobenzene-d5
 Concen: 60.482 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

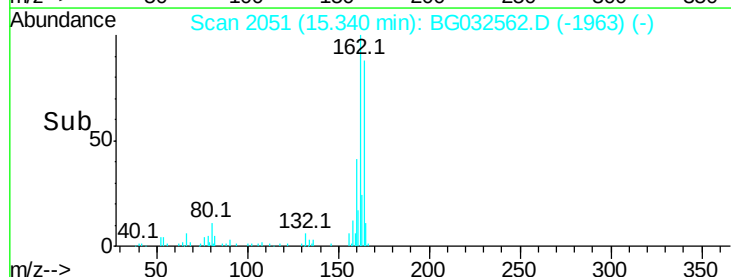
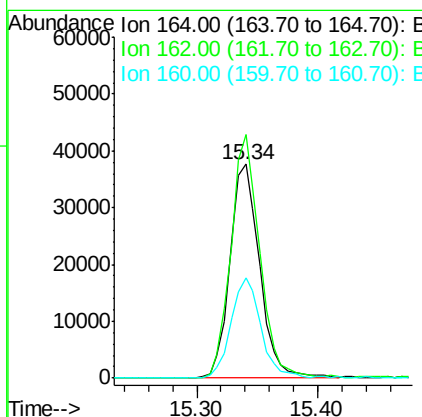
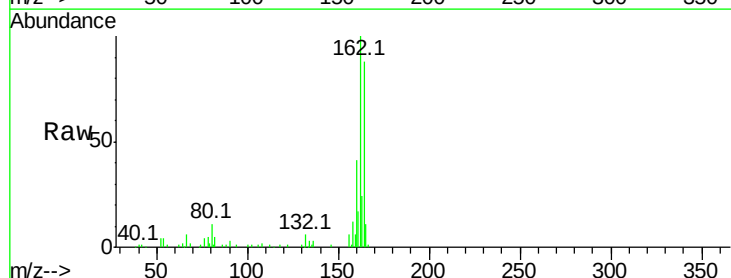
Instrument :
 BNA_G
 ClientSampleID :
 PB106300BL

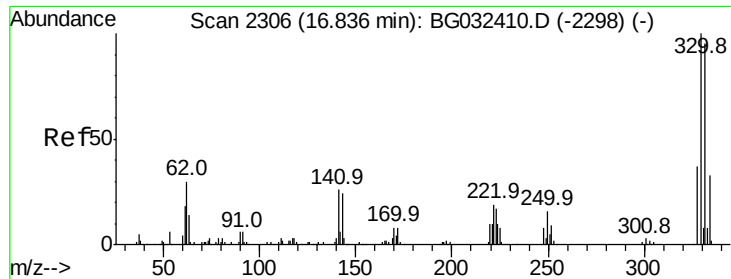
Tot Ion: 82 Resp: 87561
 Ion Ratio Lower Upper
 82 100
 128 50.4 29.7 44.5#
 54 50.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion:164 Resp: 64788
 Ion Ratio Lower Upper
 164 100
 162 113.9 78.8 118.2
 160 46.6 35.4 53.0

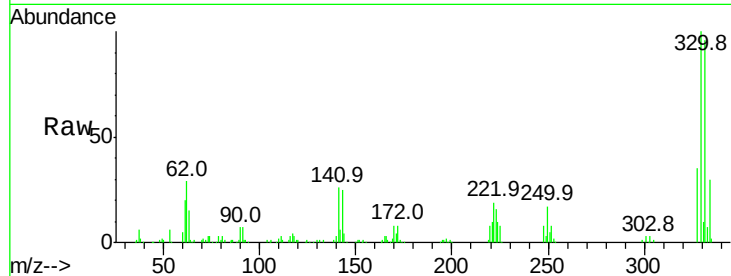




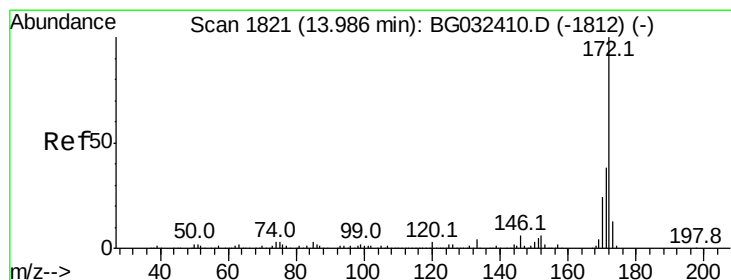
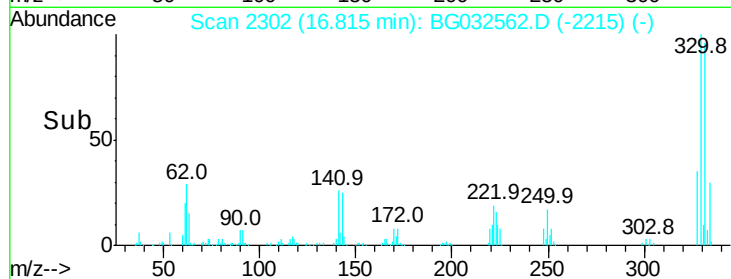
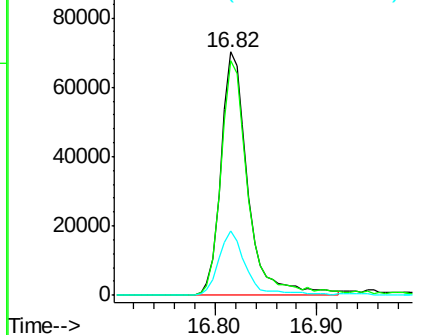
#41
 2,4,6-Tribromophenol
 Concen: 104.908 ng
 RT: 16.82 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	27.1	25.2	37.8

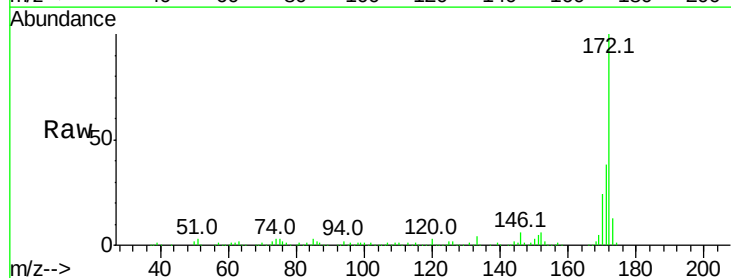


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

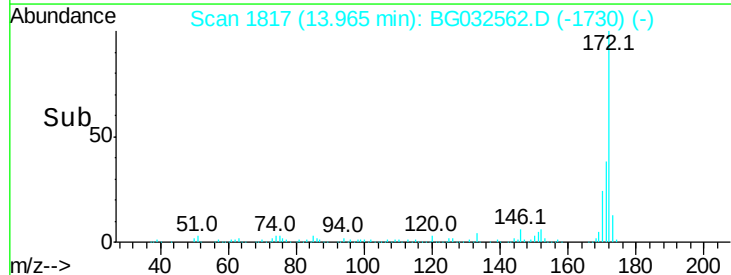
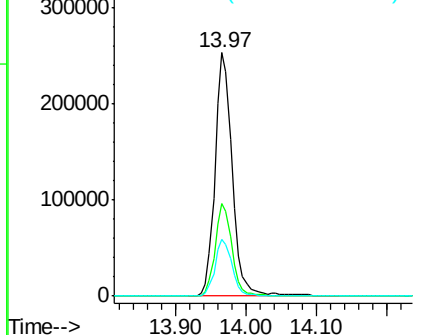


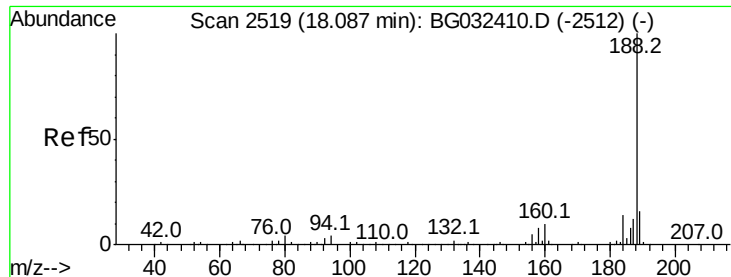
#44
 2-Fluorobiphenyl
 Concen: 78.896 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032562.D
 Acq: 6 Feb 2018 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.6	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: 18.07 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

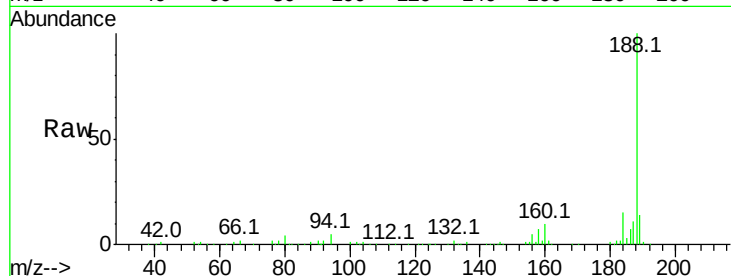
Tot Ion:188 Resp: 178832

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

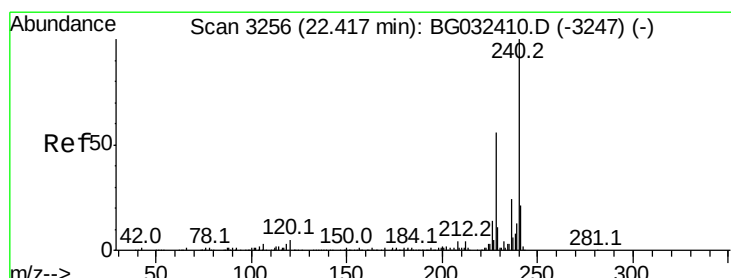
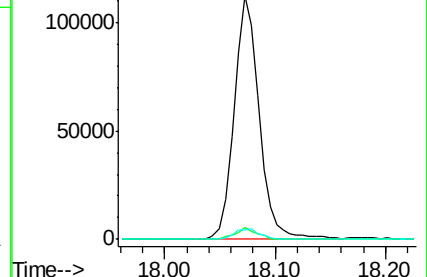
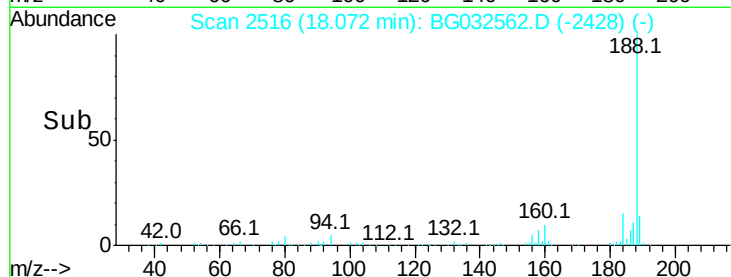
80 4.0 7.7 11.5#



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# 3252

Delta R.T. -0.02 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

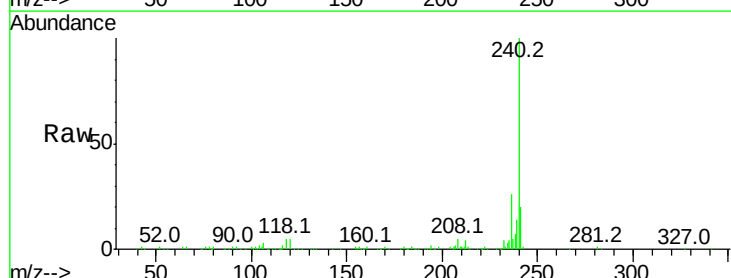
Tgt Ion:240 Resp: 237382

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

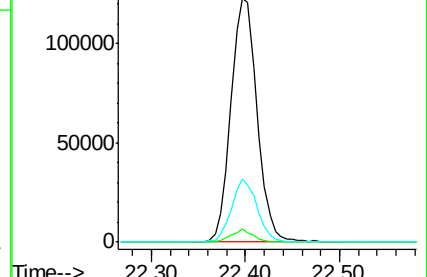
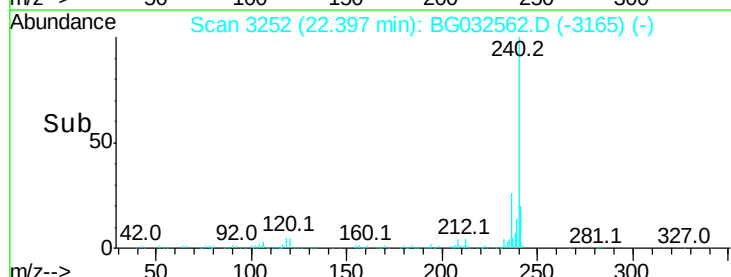
236 25.8 20.9 31.3

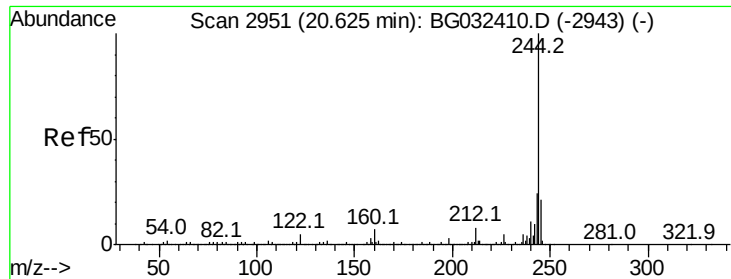


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.423 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032562.D

Acq: 6 Feb 2018 8:47

Instrument :

BNA_G

ClientSampleId :

PB106300BL

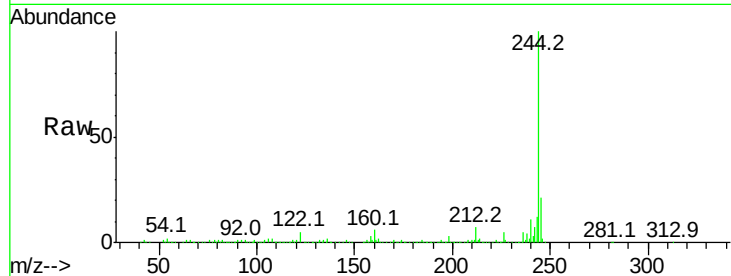
Tot Ion:244 Resp: 902318

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

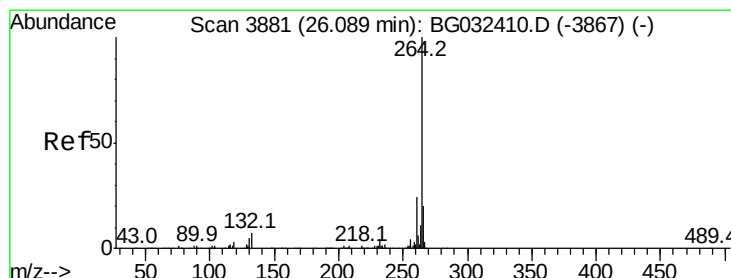
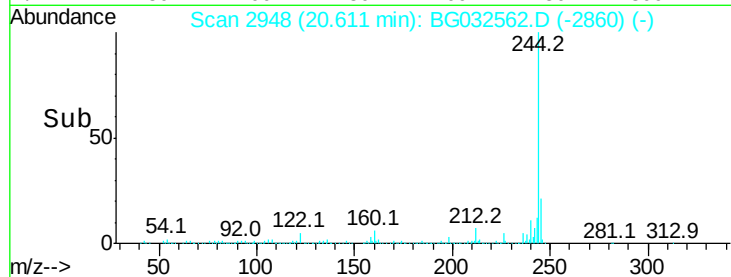
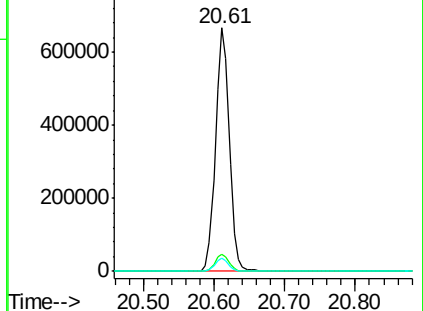
122 5.4 7.0 10.4#



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: BG032562.D

Acq: 6 Feb 2018 8:47

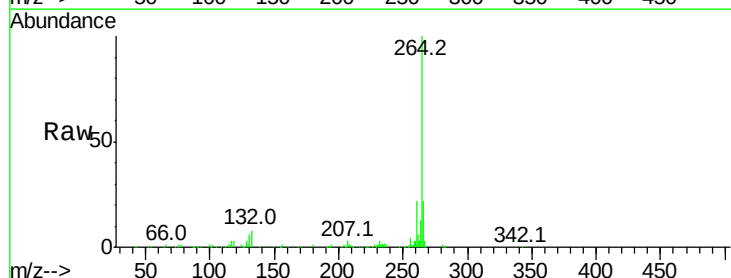
Tgt Ion:264 Resp: 261981

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 22.2 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

