

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032551.D
 Acq On : 6 Feb 2018 1:55
 Operator : SJ/JU
 Sample : J1453-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-1

Quant Time: Feb 06 04:50:39 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	23947	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	103590	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	68416	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	182373	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	240448	20.00	ng	-0.01
86) Perylene-d12	26.08	264	278289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	128775	108.01	ng	0.00
7) Phenol-d6	7.83	99	171912	108.06	ng	0.00
23) Nitrobenzene-d5	9.91	82	143422	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	202268	155.32	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	542963	94.33	ng	-0.02
78) Terphenyl-d14	20.62	244	1134828	101.10	ng	0.00

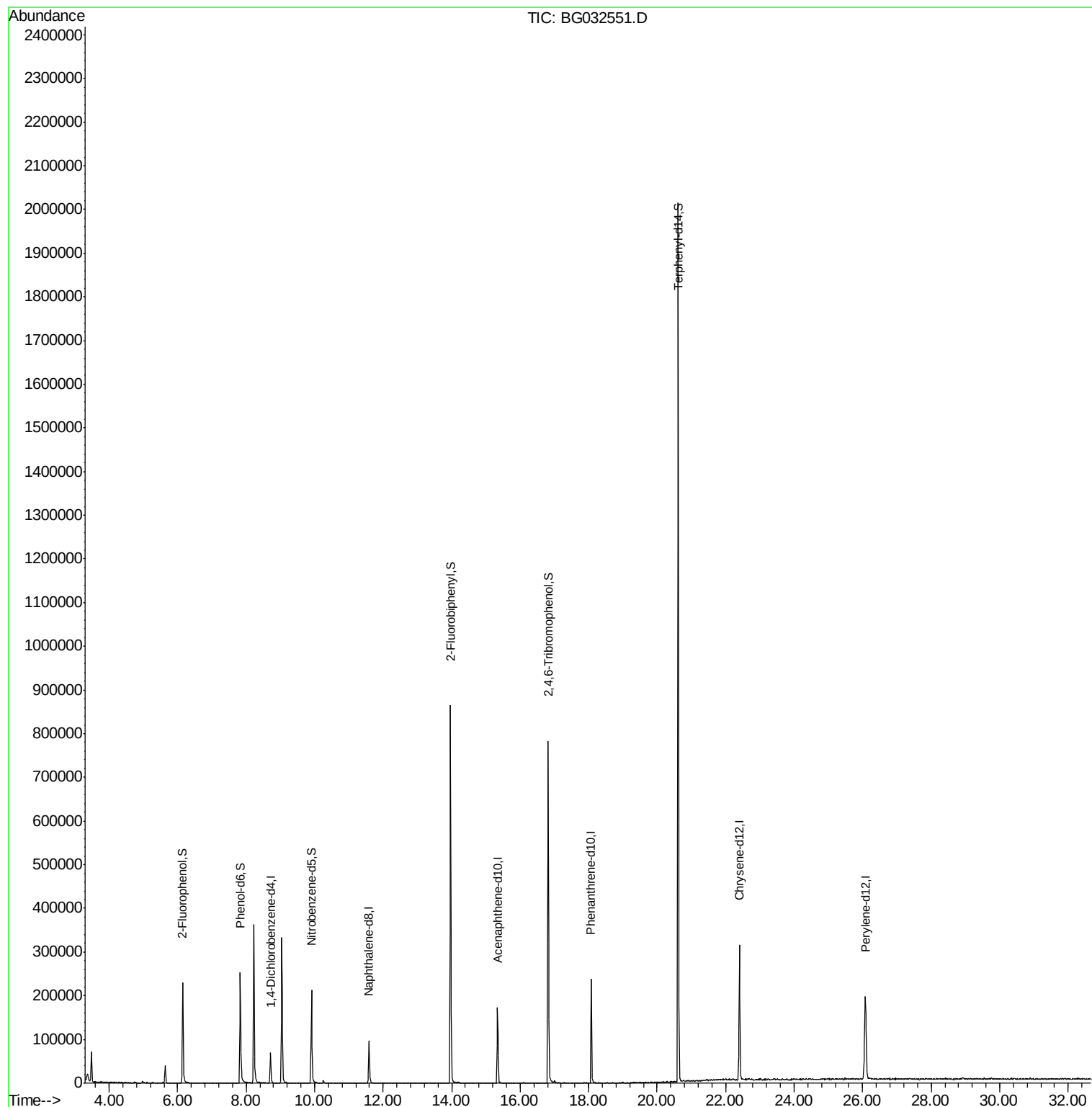
Target Compounds Qvalue

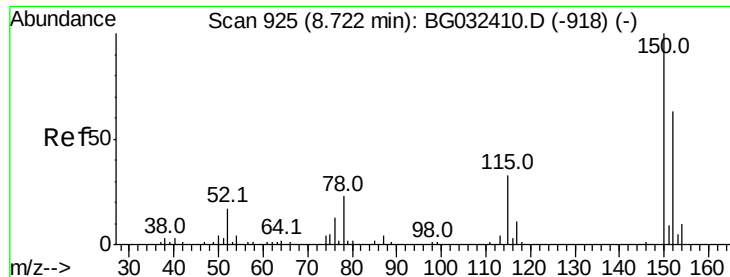
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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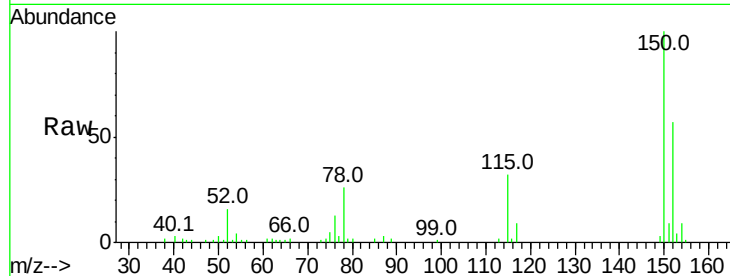


#1

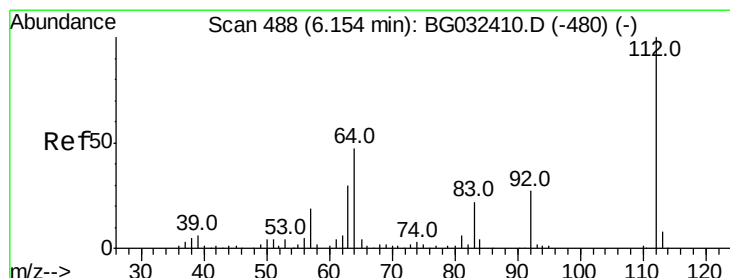
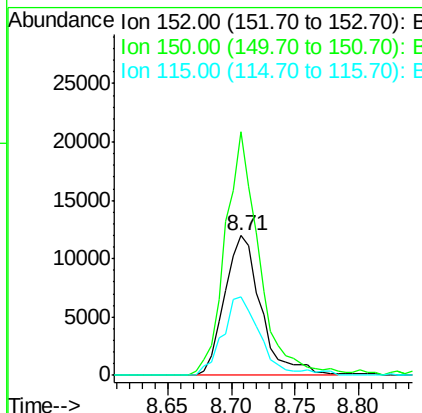
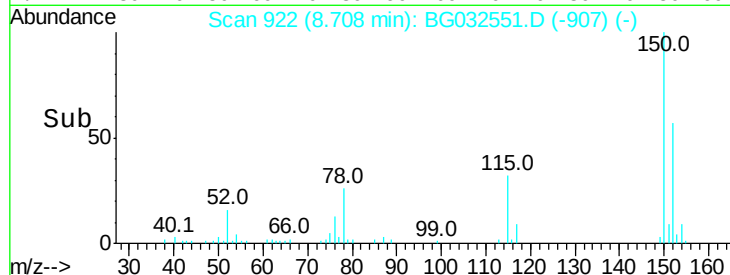
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

Instrument :
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 ClientSampleId :
 P-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.2	126.6	189.8
115	56.1	53.0	79.4



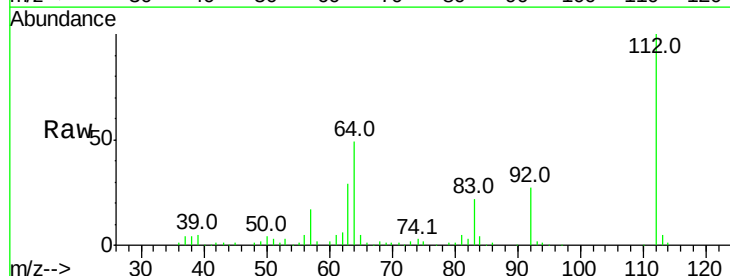
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



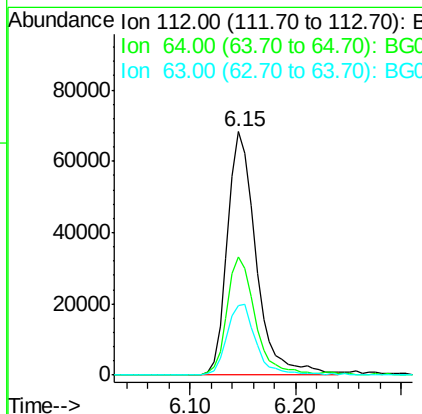
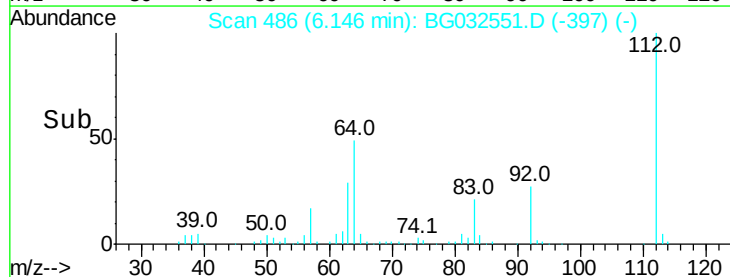
#5

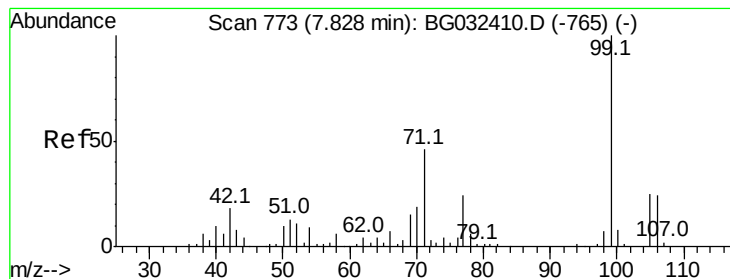
2-Fluorophenol
 Concen: 108.010 ng
 RT: 6.15 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	56.3	84.5#
63	28.8	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: 108.056 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032551.D

Acq: 6 Feb 2018 1:55

Instrument :

BNA_G

ClientSampled :

P-1

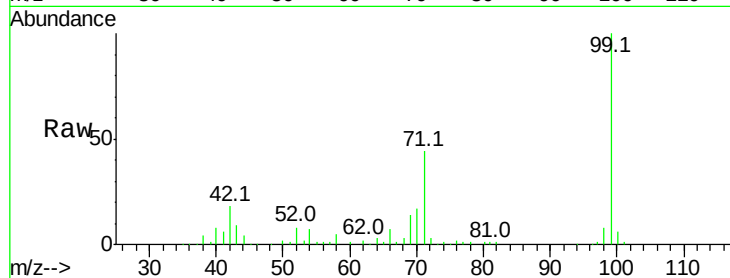
Tot Ion: 99 Resp: 171912

Ion Ratio Lower Upper

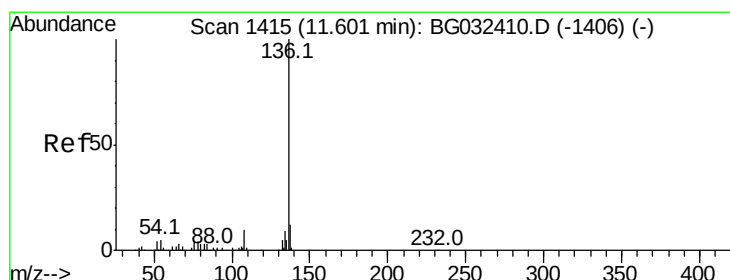
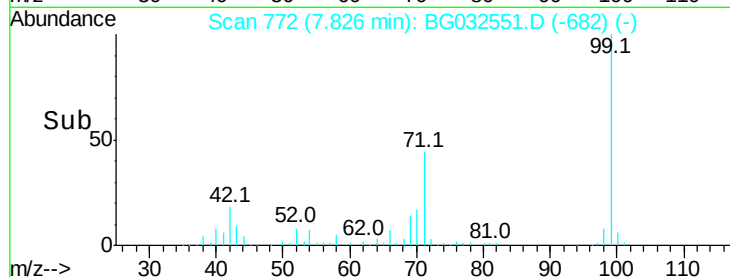
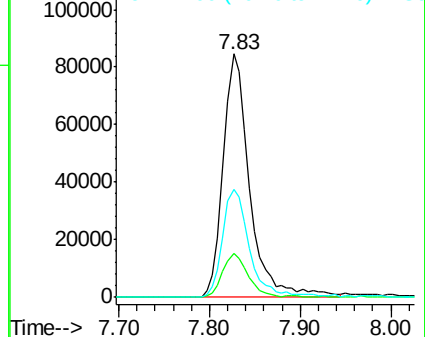
99 100

42 18.3 14.1 21.1

71 44.4 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: BG032551.D

Acq: 6 Feb 2018 1:55

Tgt Ion: 136 Resp: 103590

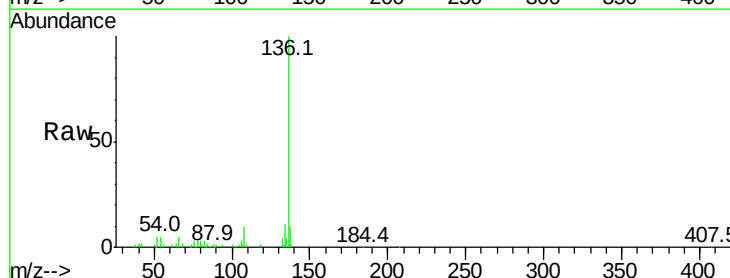
Ion Ratio Lower Upper

136 100

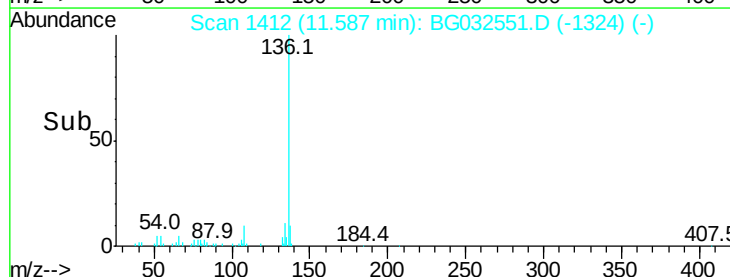
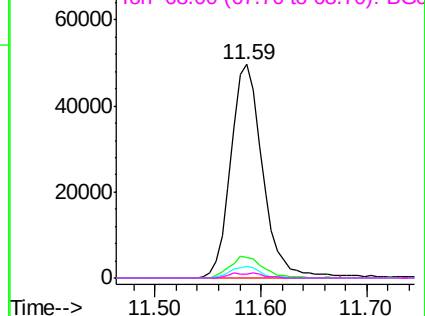
137 9.9 9.2 13.8

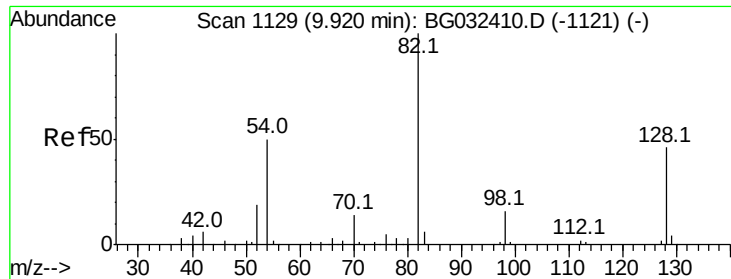
54 5.4 10.3 15.5#

68 1.8 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

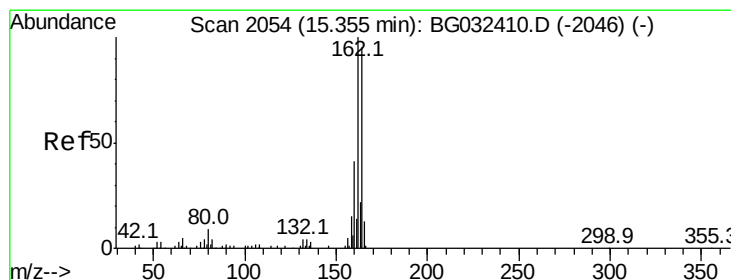
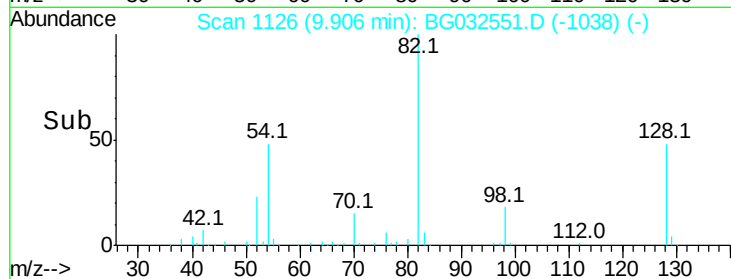
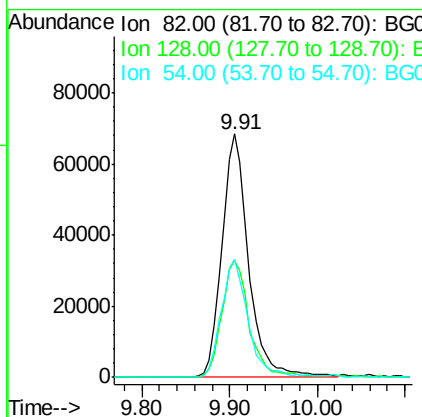
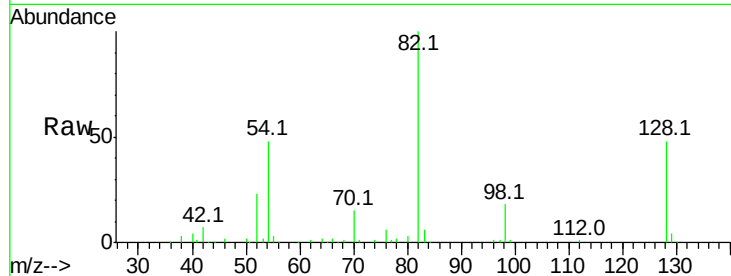




#23
 Nitrobenzene-d5
 Concen: 86.477 ng
 RT: 9.91 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

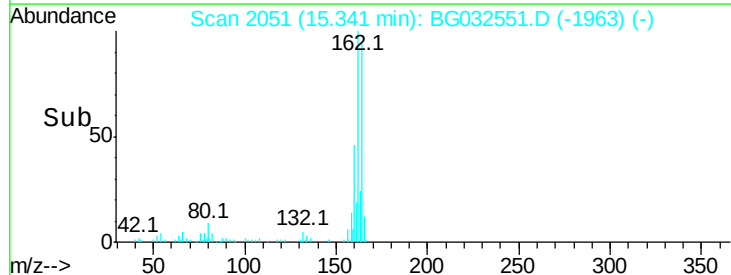
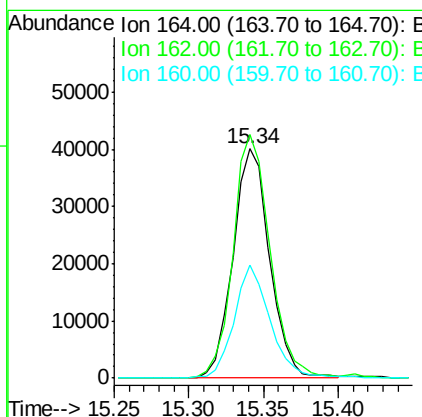
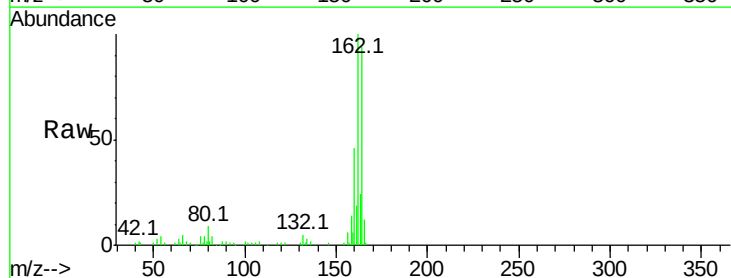
Instrument :
 BNA_G
 ClientSampleId :
 P-1

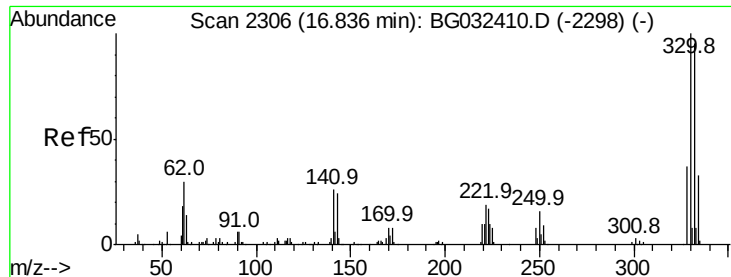
Tot Ion: 82 Resp: 143422
 Ion Ratio Lower Upper
 82 100
 128 48.2 29.7 44.5#
 54 48.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

Tgt Ion:164 Resp: 68416
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.8 118.2
 160 49.3 35.4 53.0

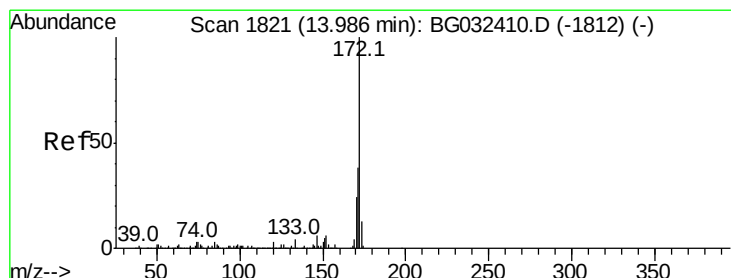
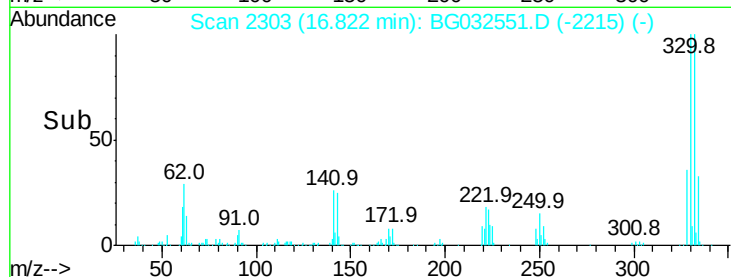
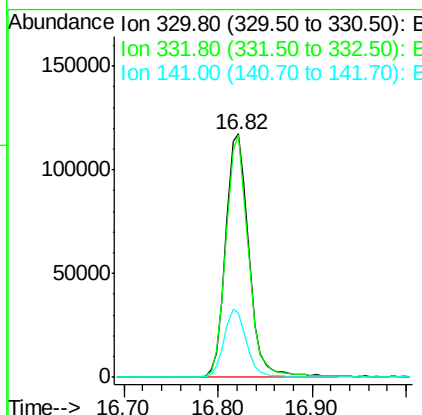
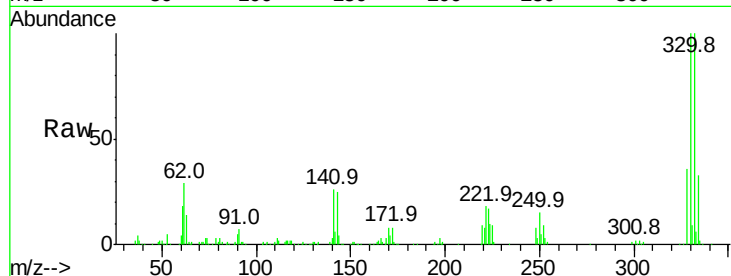




#41
 2,4,6-Tribromophenol
 Concen: 155.316 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

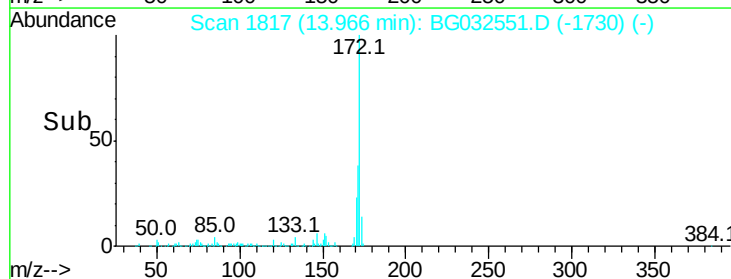
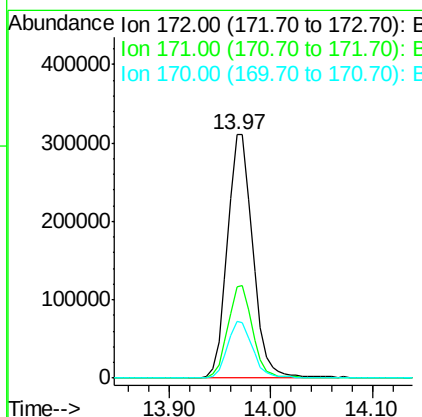
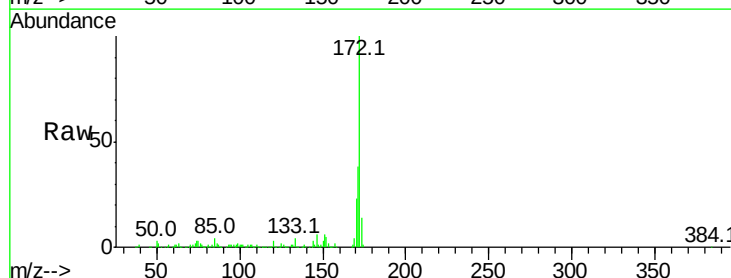
Instrument :
 BNA_G
 ClientSampleId :
 P-1

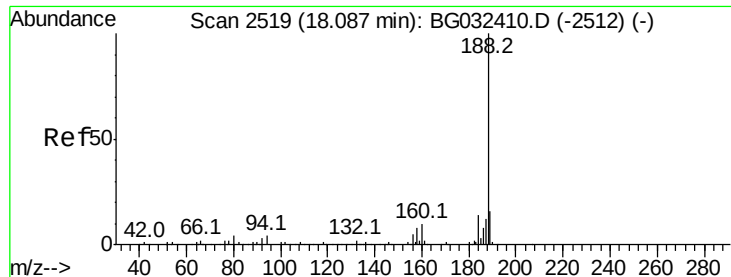
Tot Ion:330 Resp: 202268
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 27.3 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 94.327 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032551.D
 Acq: 6 Feb 2018 1:55

Tgt Ion:172 Resp: 542963
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.3 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.07 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG032551.D

Acq: 6 Feb 2018 1:55

Instrument :

BNA_G

ClientSampleId :

P-1

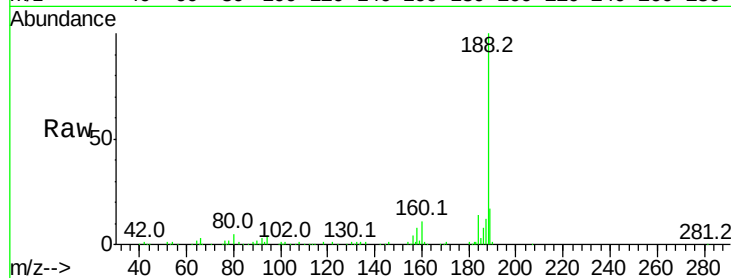
Tot Ion:188 Resp: 182373

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

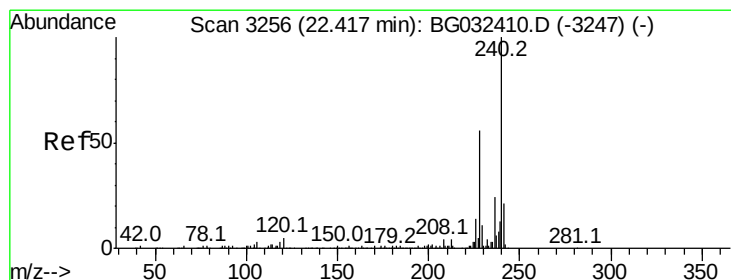
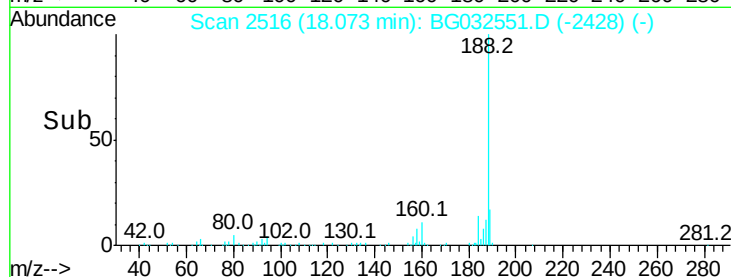
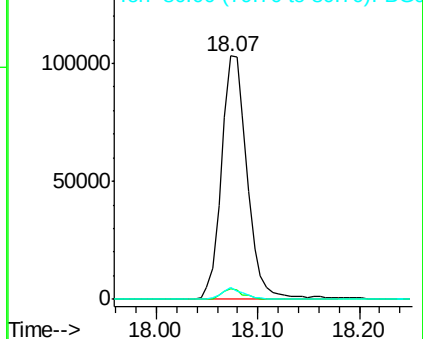
80 4.7 7.7 11.5#



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: BG032551.D

Acq: 6 Feb 2018 1:55

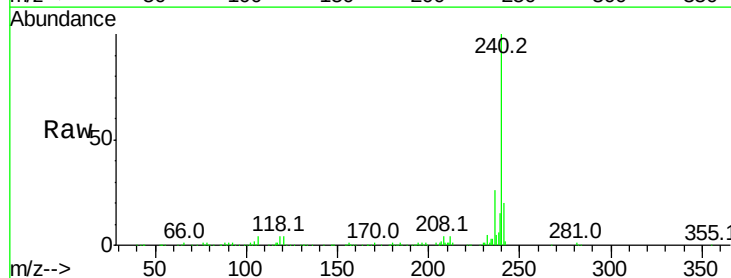
Tgt Ion:240 Resp: 240448

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

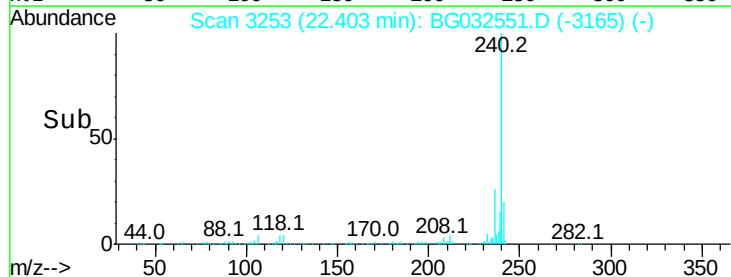
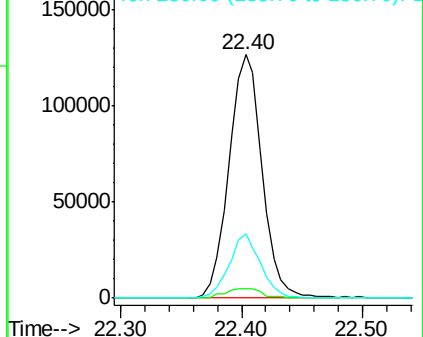
236 26.3 20.9 31.3

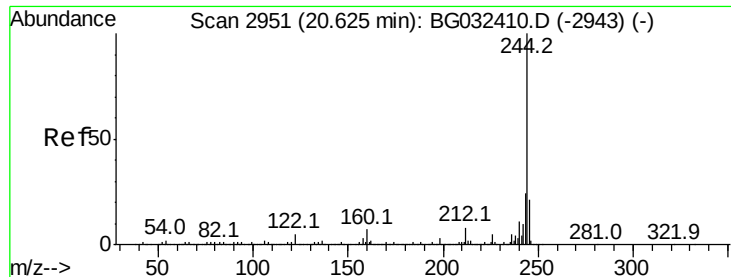


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.099 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032551.D

Acq: 6 Feb 2018 1:55

Instrument :

BNA_G

ClientSampleId :

P-1

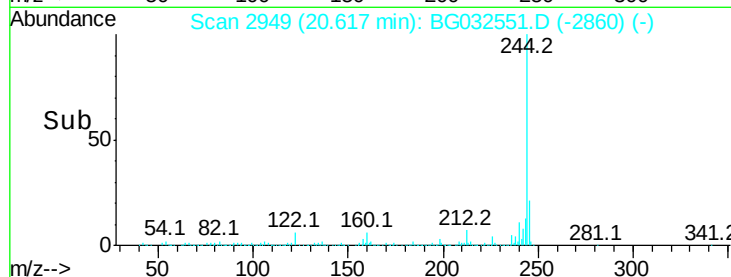
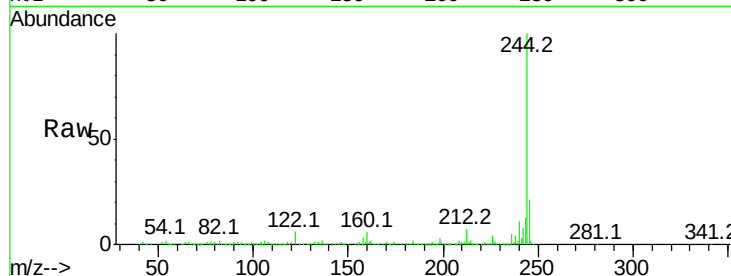
Tot Ion:244 Resp: 1134828

Ion Ratio Lower Upper

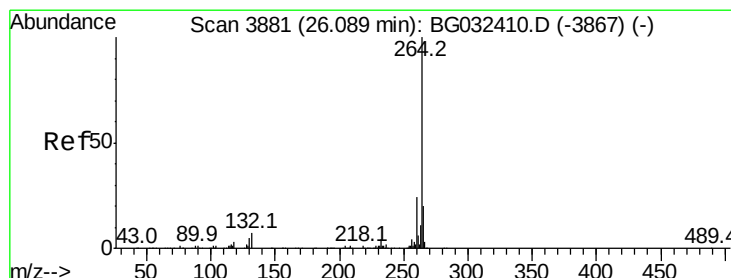
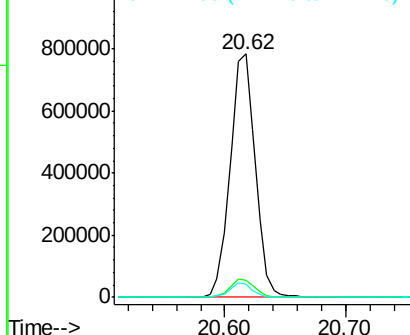
244 100

212 7.3 5.8 8.8

122 5.5 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: BG032551.D

Acq: 6 Feb 2018 1:55

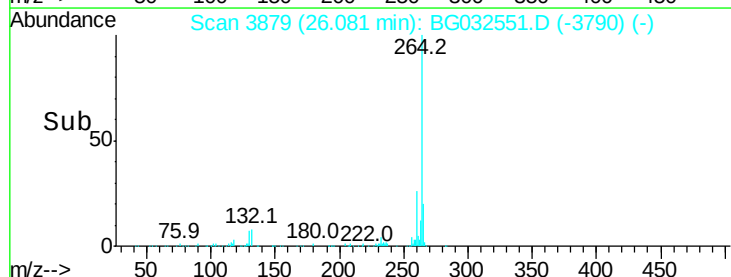
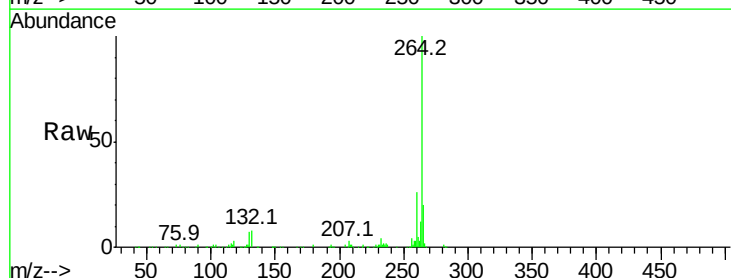
Tgt Ion:264 Resp: 278289

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 20.1 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

