

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032611.D
 Acq On : 8 Feb 2018 15:33
 Operator : SJ/JU
 Sample : J1404-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718

Quant Time: Feb 09 02:57:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

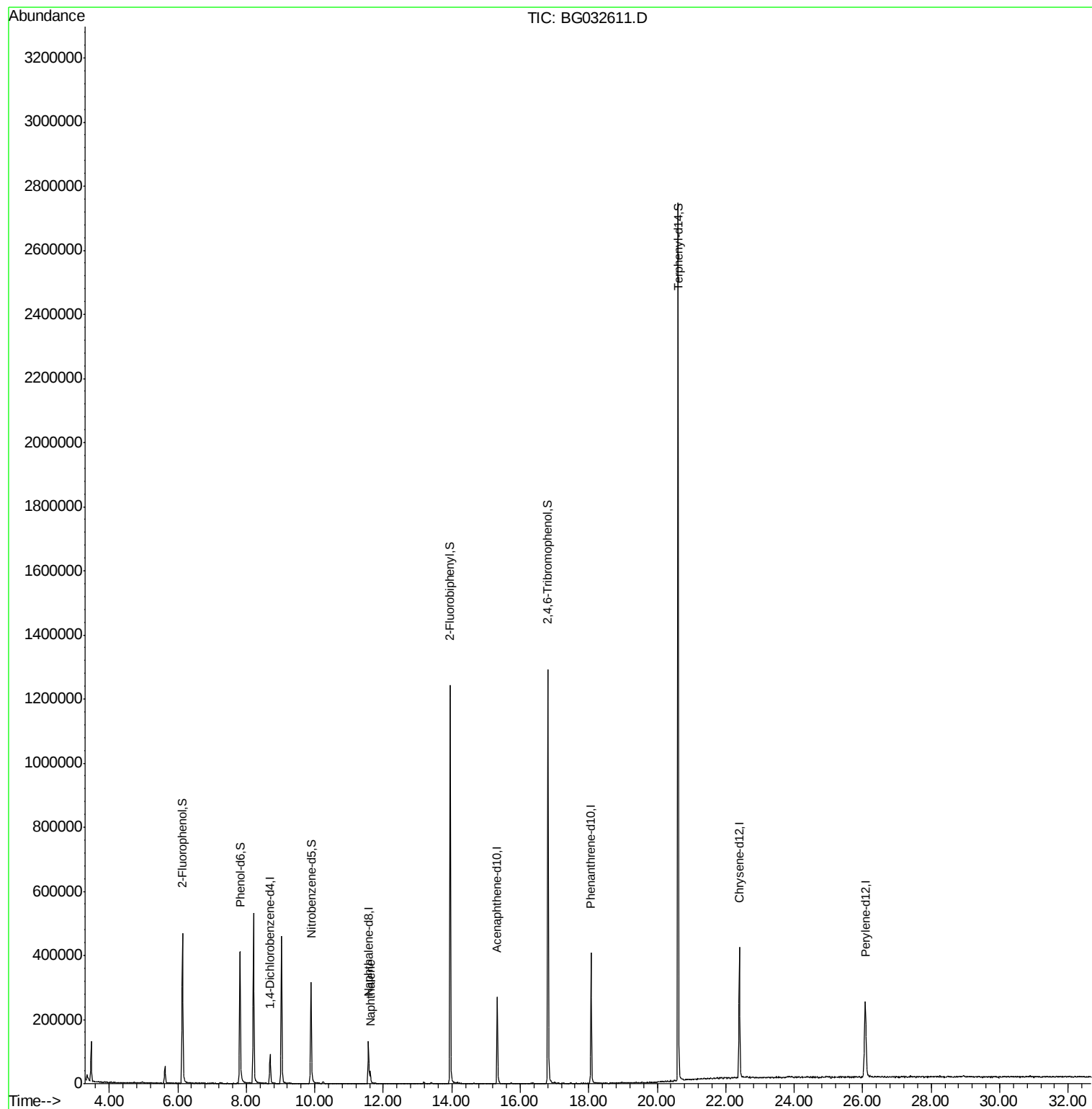
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	32301	20.00	ng	-0.02
21) Naphthalene-d8	11.57	136	133946	20.00	ng	-0.02
38) Acenaphthene-d10	15.33	164	106420	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	310350	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	331475	20.00	ng	-0.01
86) Perylene-d12	26.07	264	345627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	234765	145.98	ng	0.00
7) Phenol-d6	7.82	99	269822	125.73	ng	0.00
23) Nitrobenzene-d5	9.89	82	211735	98.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	287817	142.08	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	770369	86.04	ng	-0.02
78) Terphenyl-d14	20.61	244	1476663	95.43	ng	0.00
Target Compounds						
31) Naphthalene	11.62	128	36027	5.507	ng	Qvalue # 97

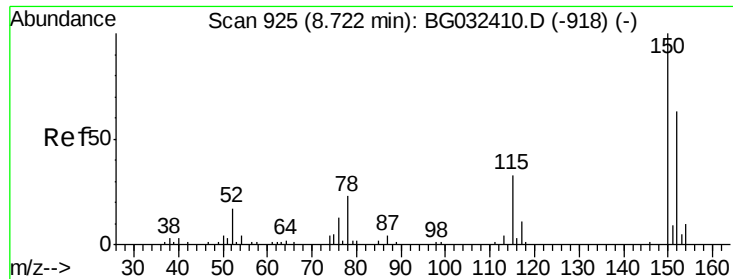
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.02 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

Instrument :

BNA_G

ClientSampleId :

TR-05-020718

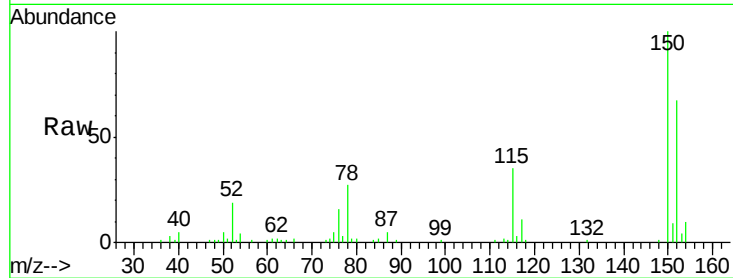
Tot Ion:152 Resp: 32301

Ion Ratio Lower Upper

152 100

150 149.3 126.6 189.8

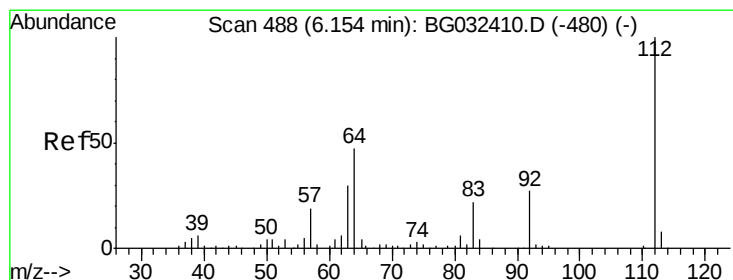
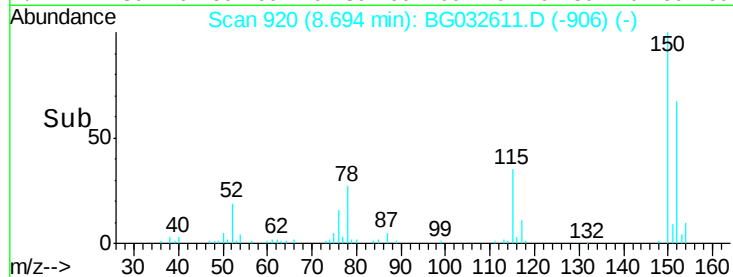
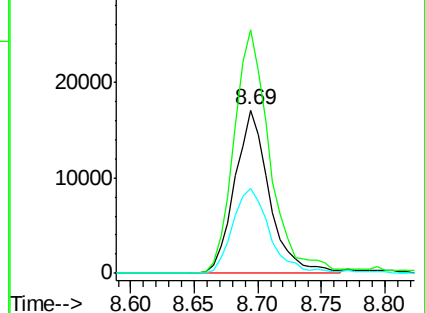
115 51.9 53.0 79.4#



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: 145.983 ng

RT: 6.14 min Scan# 485

Delta R.T. -0.00 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

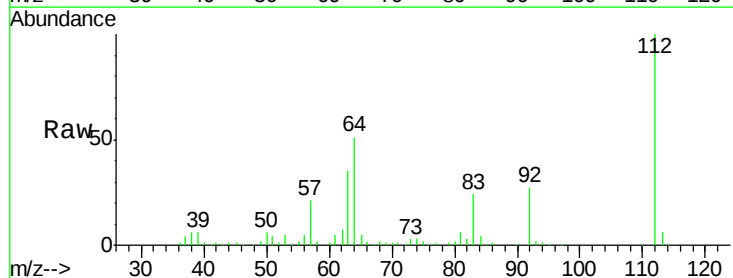
Tgt Ion:112 Resp: 234765

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

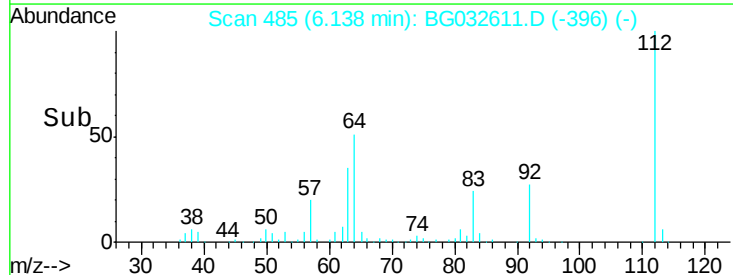
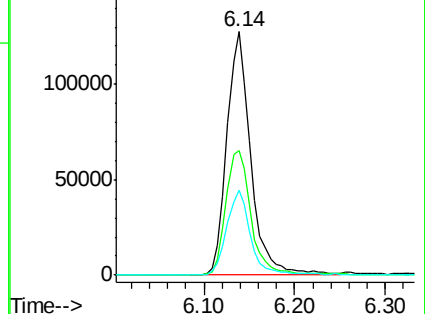
63 34.8 30.1 45.1

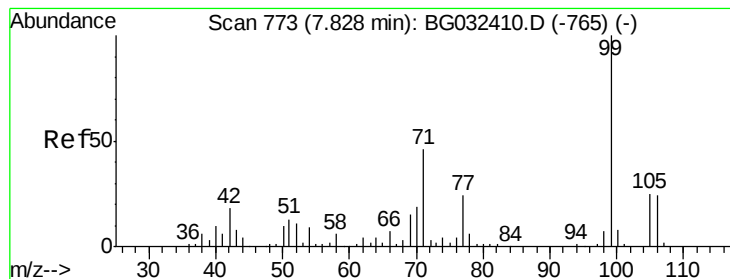


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.734 ng

RT: 7.82 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

Instrument :

BNA_G

ClientSampleId :

TR-05-020718

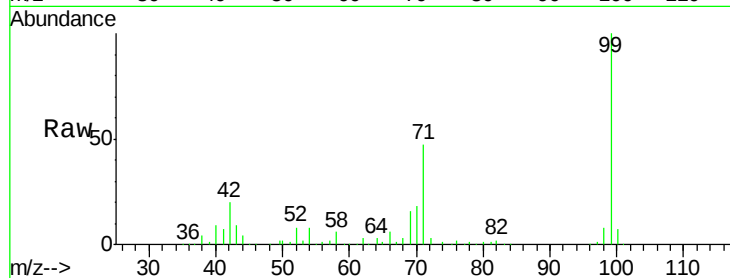
Tot Ion: 99 Resp: 269822

Ion Ratio Lower Upper

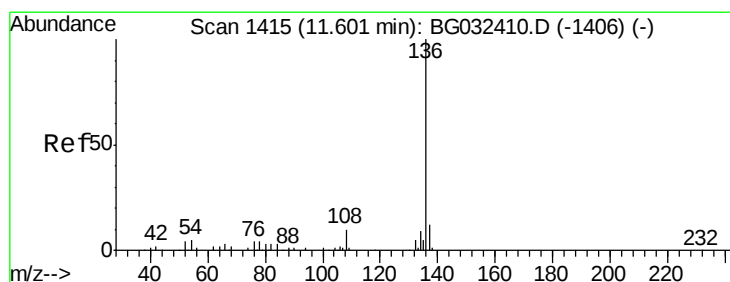
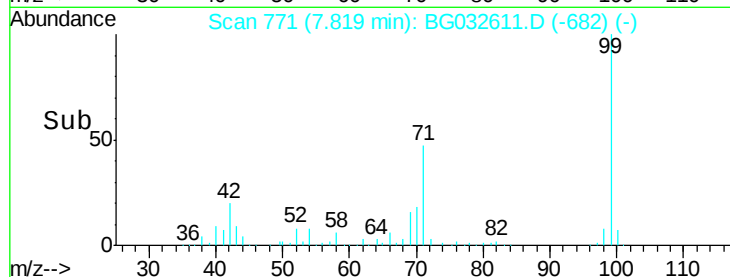
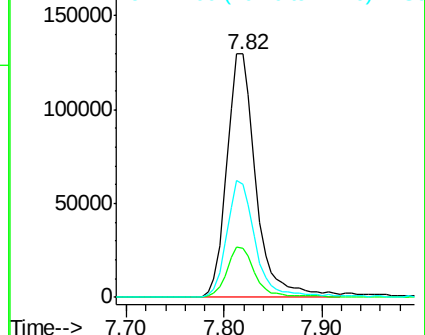
99 100

42 20.4 14.1 21.1

71 46.5 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: 11.57 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

Tgt Ion: 136 Resp: 133946

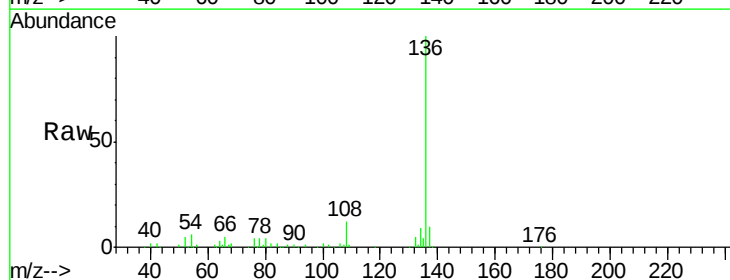
Ion Ratio Lower Upper

136 100

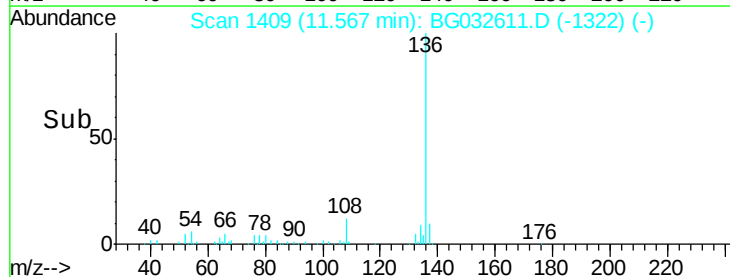
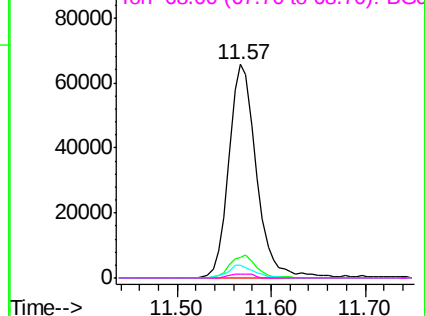
137 9.6 9.2 13.8

54 6.3 10.3 15.5#

68 2.0 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

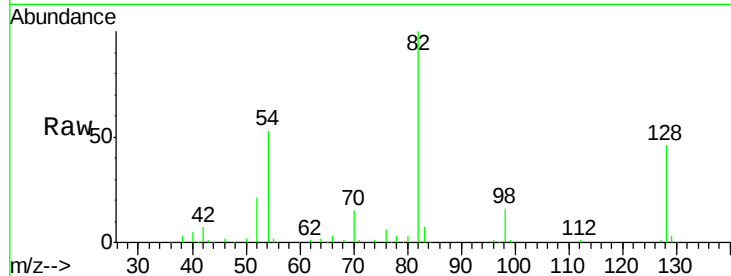




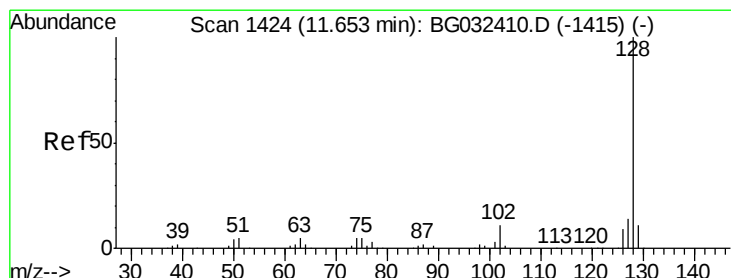
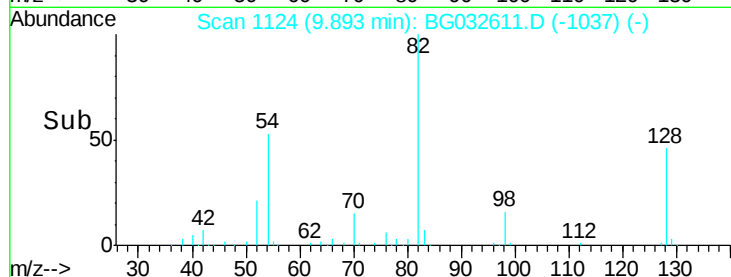
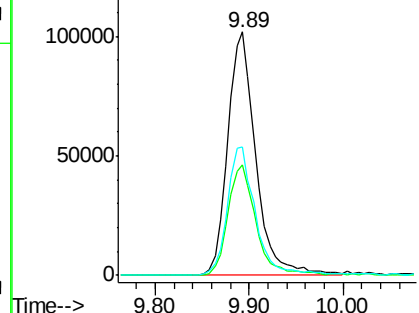
#23
 Nitrobenzene-d5
 Concen: 98.734 ng
 RT: 9.89 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BG032611.D
 Acq: 8 Feb 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718

Tot Ion: 82 Resp: 211735
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 52.7 43.1 64.7

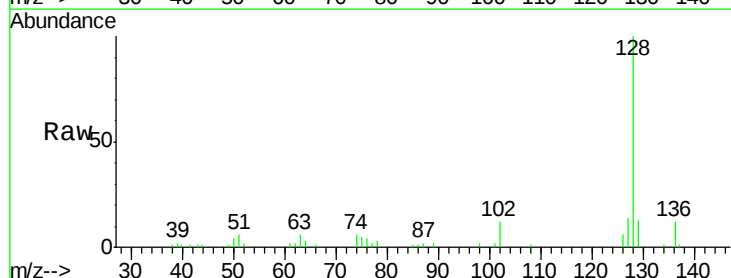


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

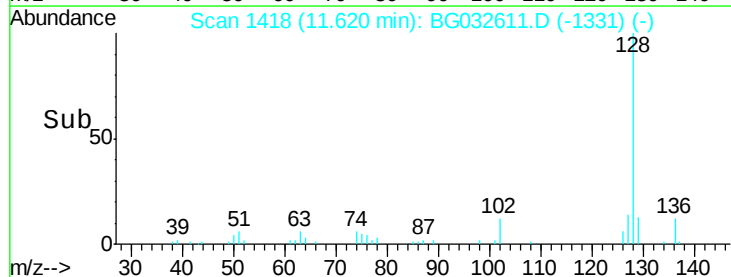
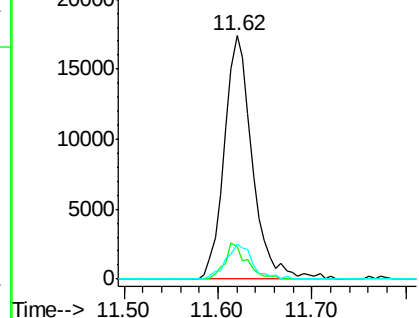


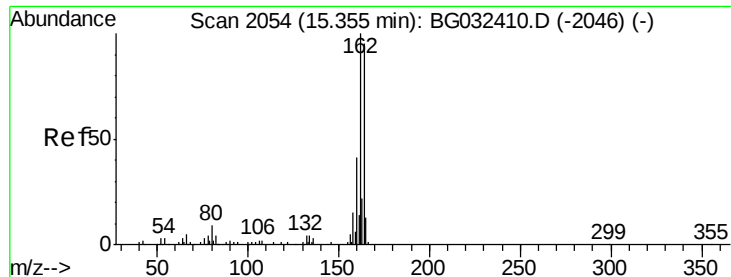
#31
 Naphthalene
 Concen: 5.507 ng
 RT: 11.62 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BG032611.D
 Acq: 8 Feb 2018 15:33

Tgt Ion: 128 Resp: 36027
 Ion Ratio Lower Upper
 128 100
 129 13.1 8.6 12.8#
 127 14.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

Instrument :

BNA_G

ClientSampleId :

TR-05-020718

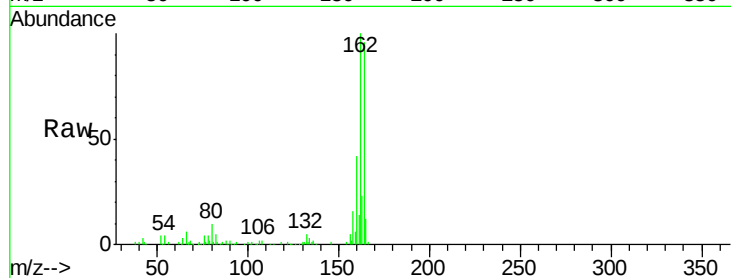
Tot Ion:164 Resp: 106420

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

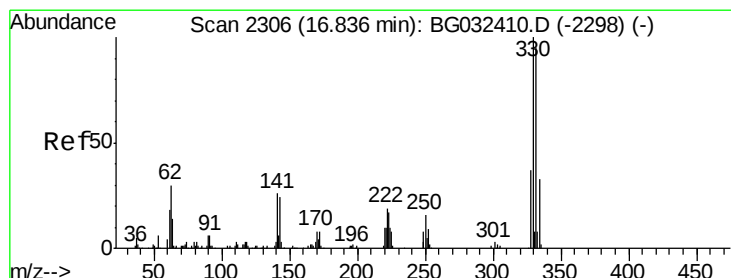
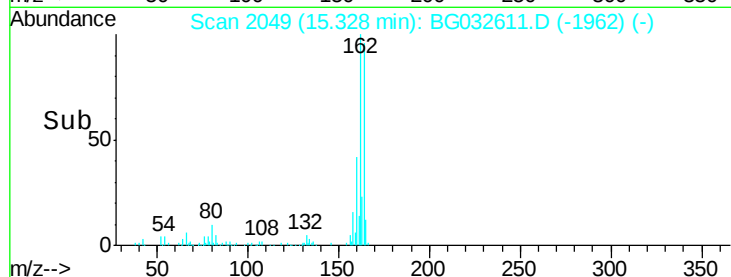
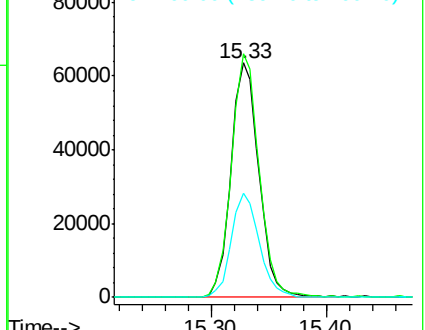
160 44.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.082 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

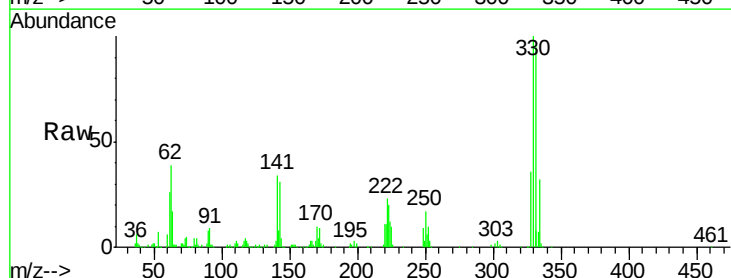
Tgt Ion:330 Resp: 287817

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

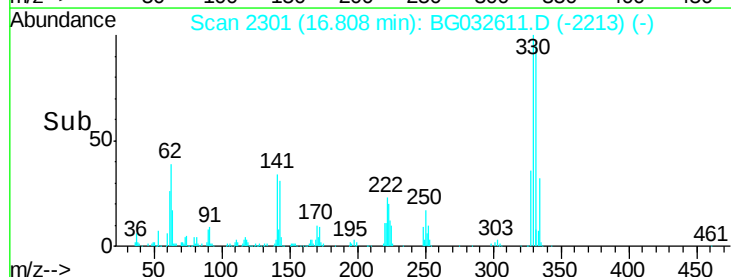
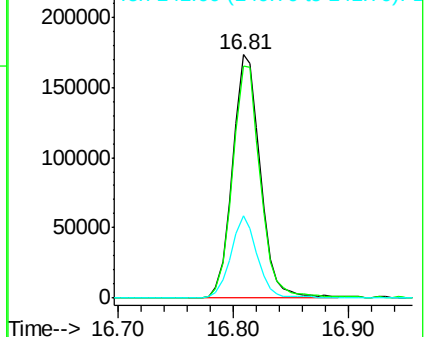
141 32.3 25.2 37.8

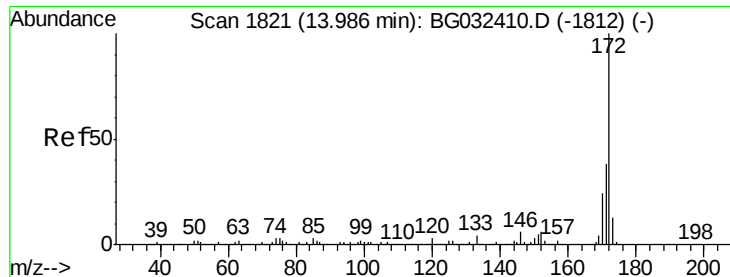


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

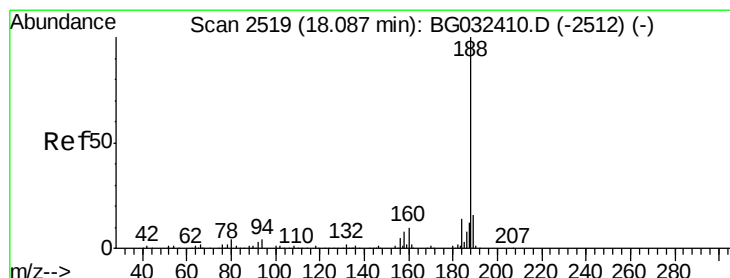
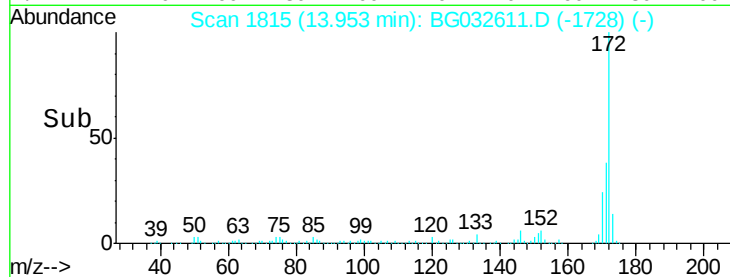
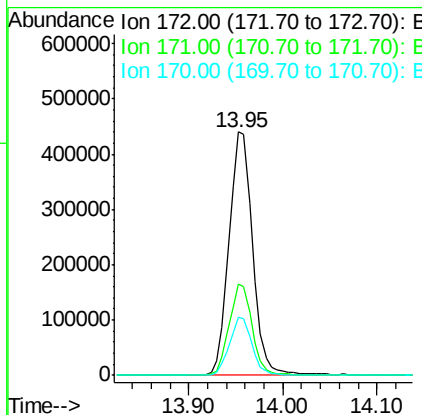
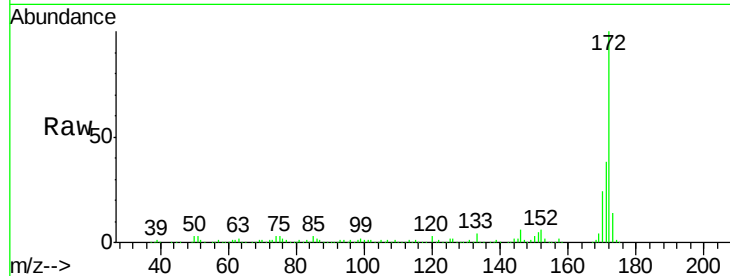




#44
 2-Fluorobiphenyl
 Concen: 86.040 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BG032611.D
 Acq: 8 Feb 2018 15:33

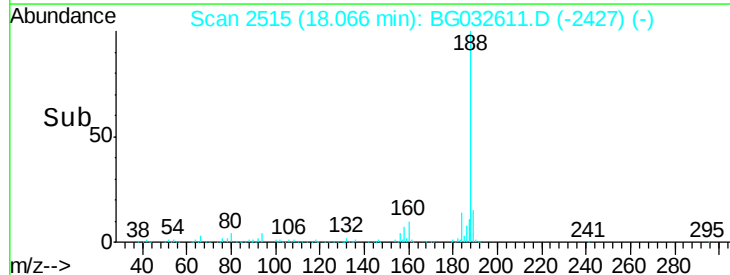
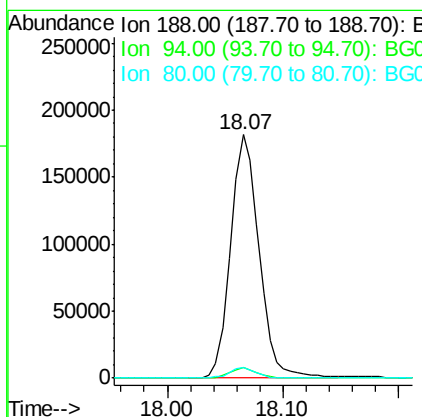
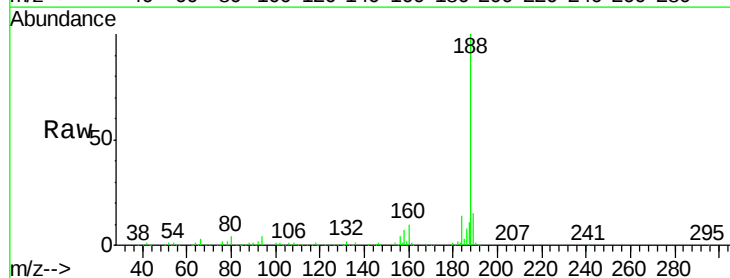
Instrument :
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 ClientSampleId :
 TR-05-020718

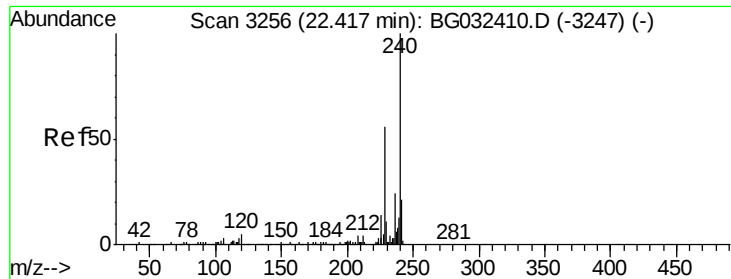
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032611.D
 Acq: 8 Feb 2018 15:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.4	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

Instrument :

BNA_G

ClientSampleId :

TR-05-020718

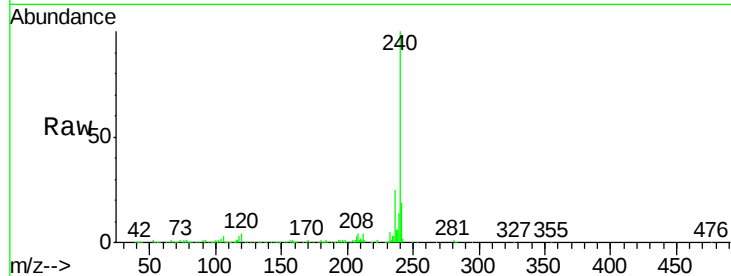
Tot Ion:240 Resp: 331475

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

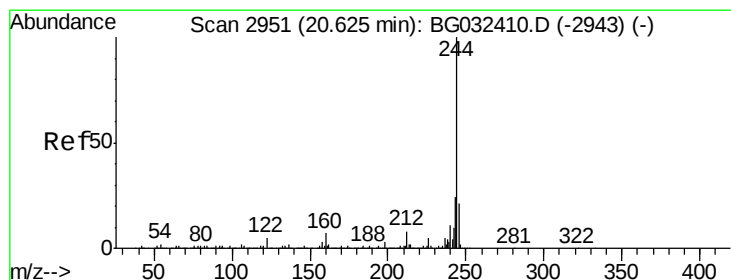
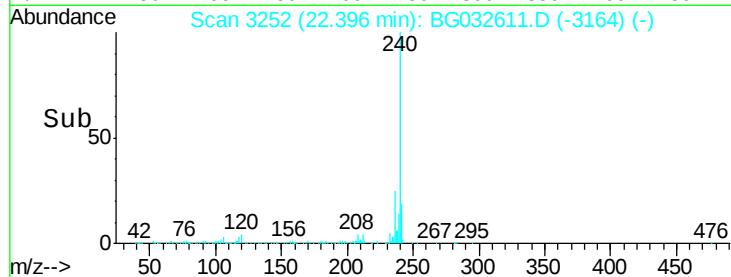
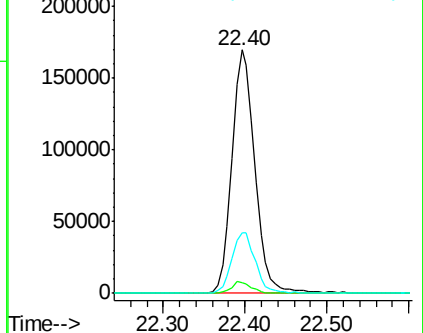
236 24.9 20.9 31.3



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: 95.426 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032611.D

Acq: 8 Feb 2018 15:33

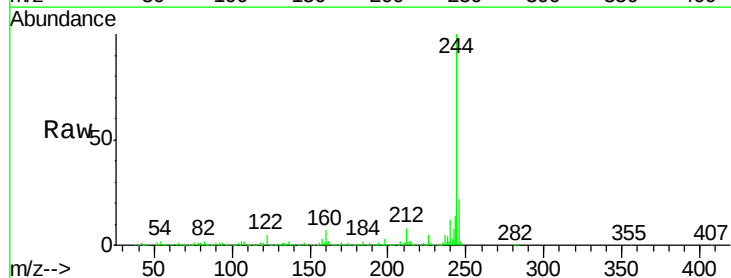
Tgt Ion:244 Resp: 1476663

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

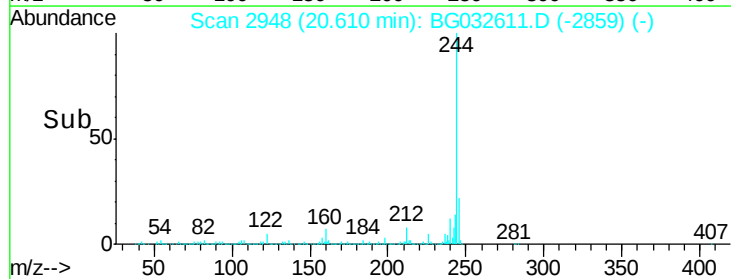
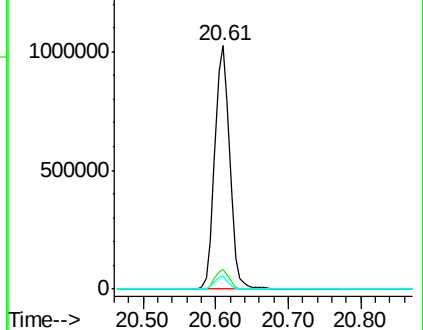
122 5.5 7.0 10.4#

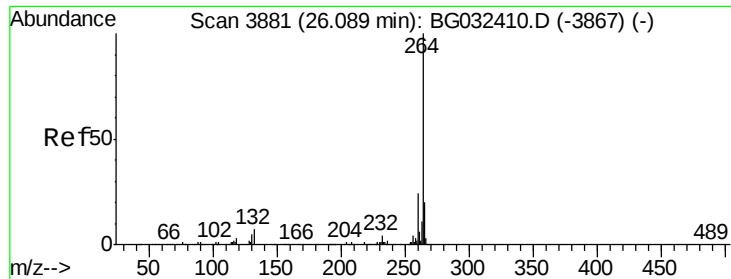


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. 0.01 min
Lab File: BG032611.D
Acq: 8 Feb 2018 15:33

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.6	17.7	26.5

