

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032742.D
 Acq On : 16 Feb 2018 17:43
 Operator : SJ/JU
 Sample : J1399-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021518-B

Quant Time: Feb 16 18:42:55 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 18:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20494	20.00	ng	0.00
21) Naphthalene-d8	11.50	136	84795	20.00	ng	0.00
38) Acenaphthene-d10	15.26	164	62358	20.00	ng	0.00
63) Phenanthrene-d10	18.01	188	188899	20.00	ng	0.00
75) Chrysene-d12	22.33	240	248826	20.00	ng	0.00
86) Perylene-d12	25.94	264	270676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	136161	133.30	ng	0.00
7) Phenol-d6	7.75	99	149822	107.27	ng	0.00
23) Nitrobenzene-d5	9.82	82	116223	87.11	ng	0.00
41) 2,4,6-Tribromophenol	16.75	330	190004	197.88	ng	0.00
44) 2-Fluorobiphenyl	13.90	172	471155	94.49	ng	0.00
78) Terphenyl-d14	20.56	244	1144899	104.87	ng	0.00

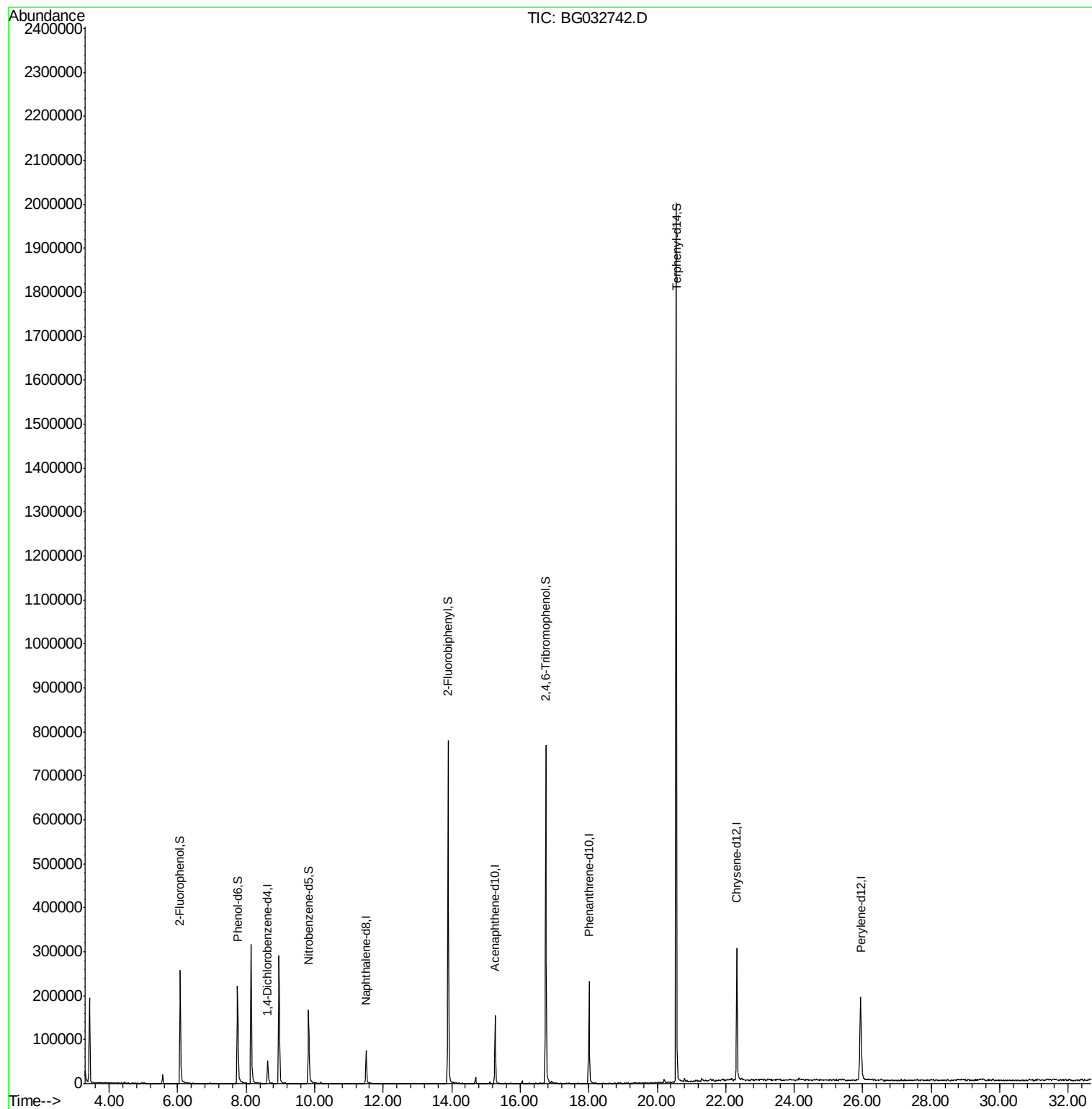
Target Compounds	Qvalue
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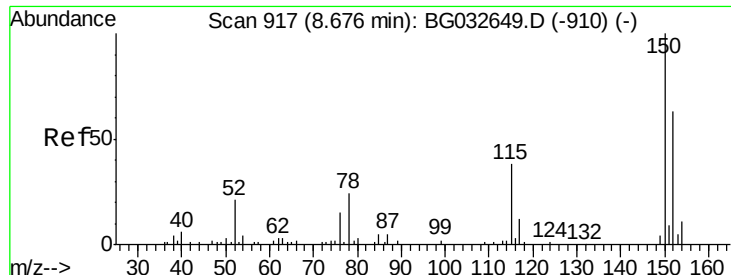
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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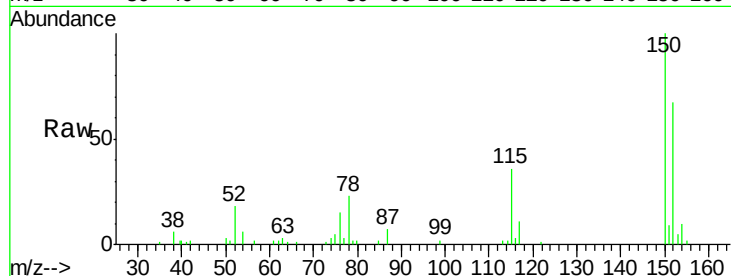


#1

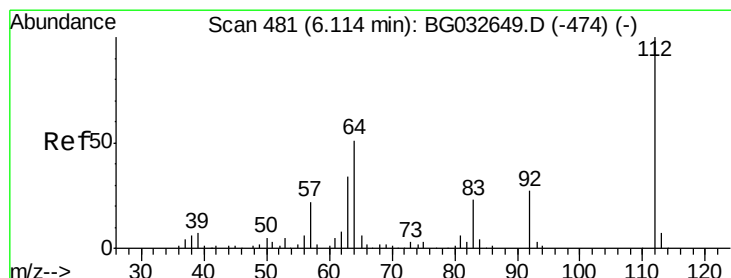
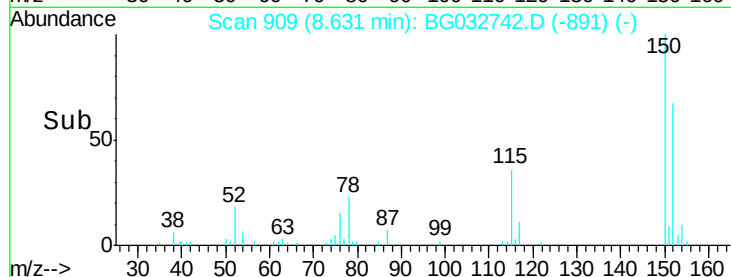
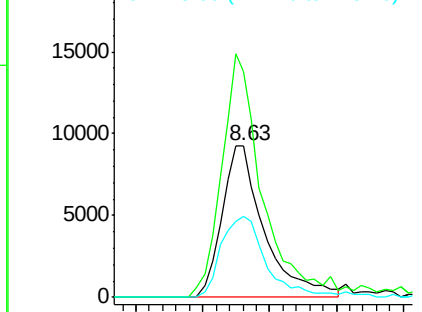
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

Tgt Ion:152 Resp: 20494
Ion Ratio Lower Upper
152 100
150 148.9 126.6 189.8
115 53.2 53.0 79.4



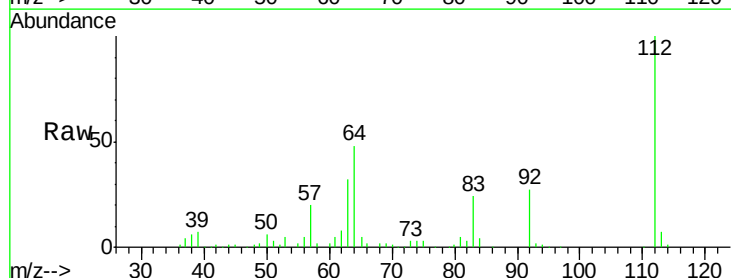
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



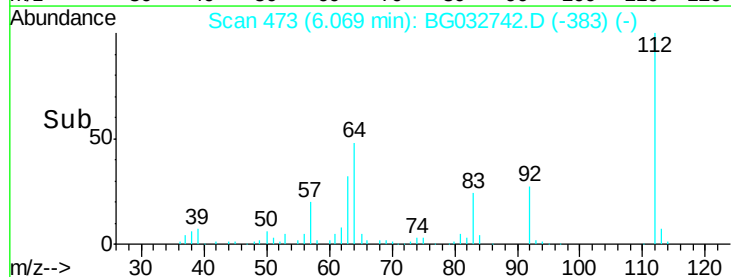
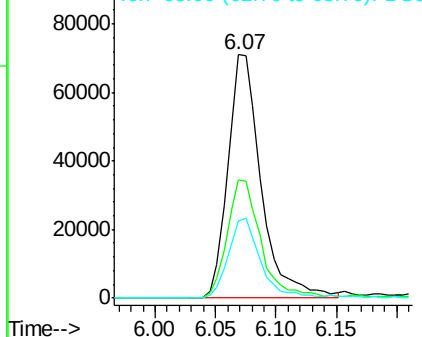
#5

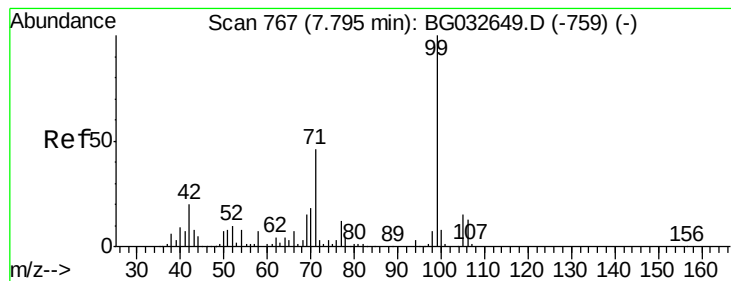
2-Fluorophenol
Concen: 133.301 ng
RT: 6.07 min Scan# 473
Delta R.T. -0.00 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Tgt Ion:112 Resp: 136161
Ion Ratio Lower Upper
112 100
64 48.4 56.3 84.5#
63 31.5 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: 107.266 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

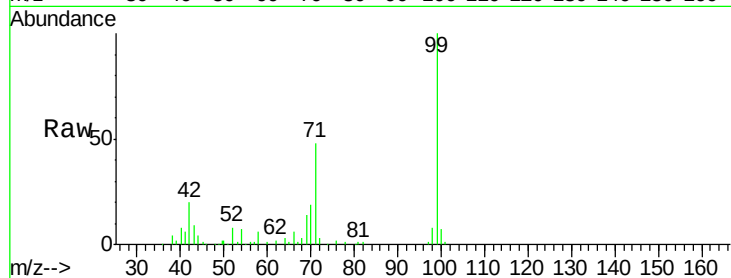
Tgt Ion: 99 Resp: 149822

Ion Ratio Lower Upper

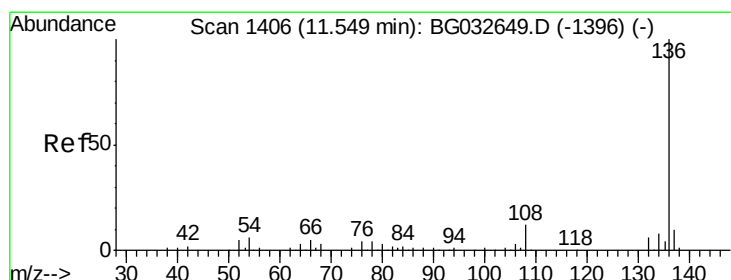
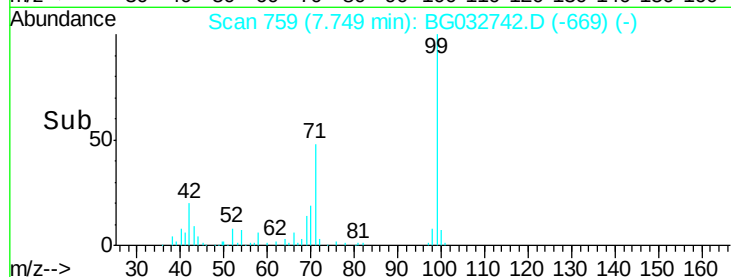
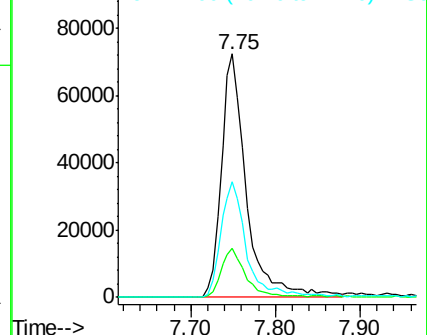
99 100

42 20.1 14.1 21.1

71 47.5 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: 11.50 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Tgt Ion: 136 Resp: 84795

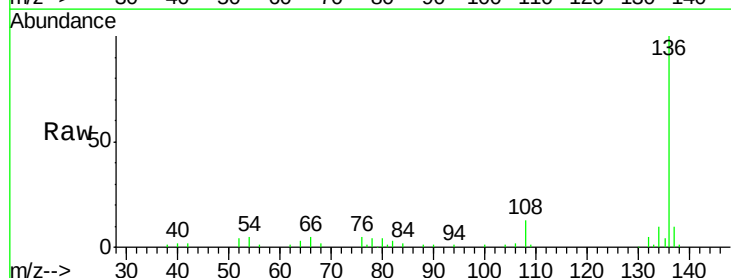
Ion Ratio Lower Upper

136 100

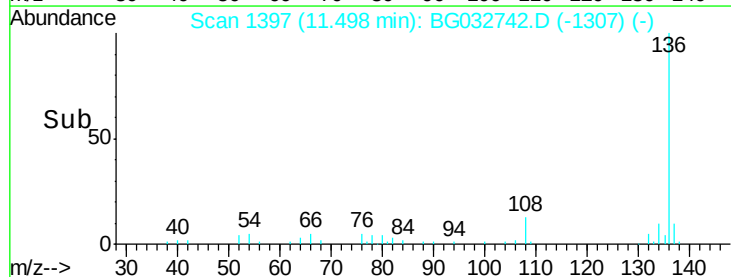
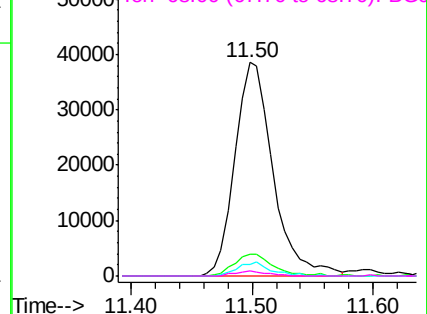
137 10.3 9.2 13.8

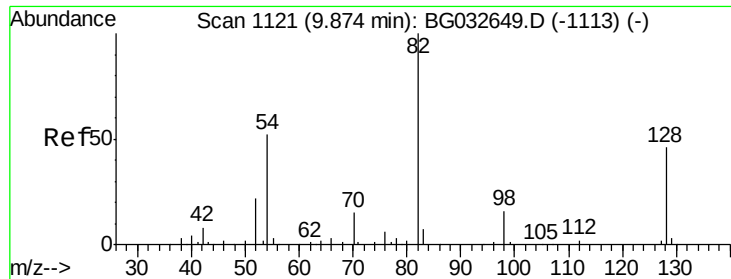
54 5.3 10.3 15.5#

68 2.3 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

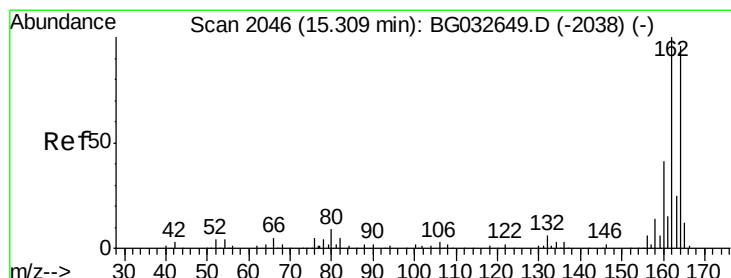
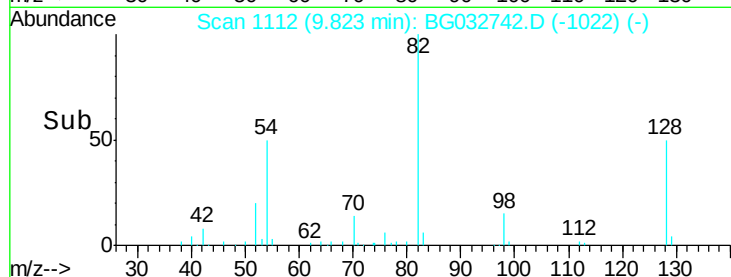
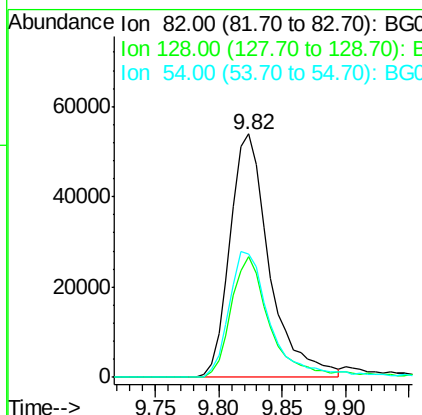
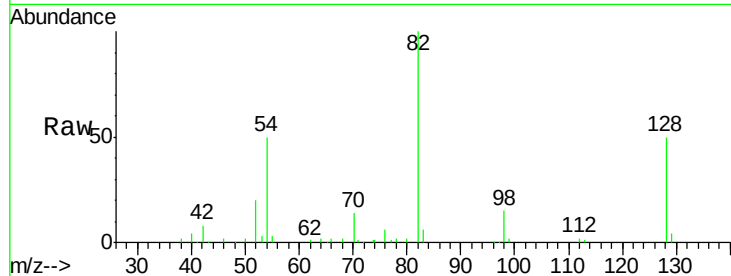




#23
 Nitrobenzene-d5
 Concen: 87.111 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

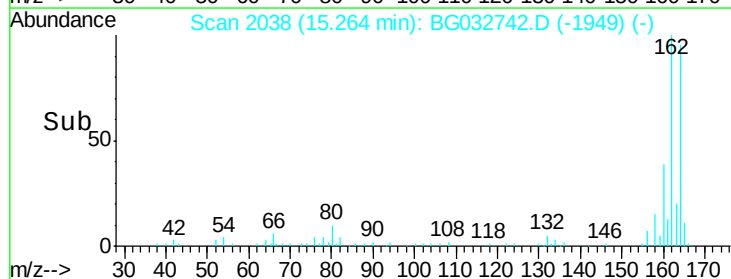
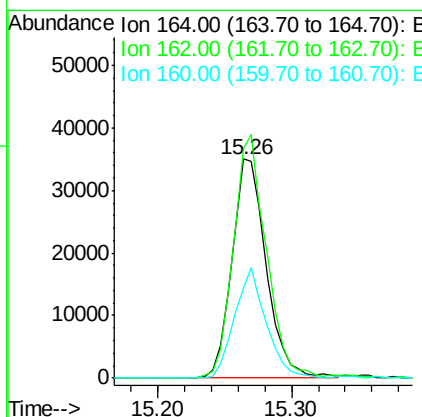
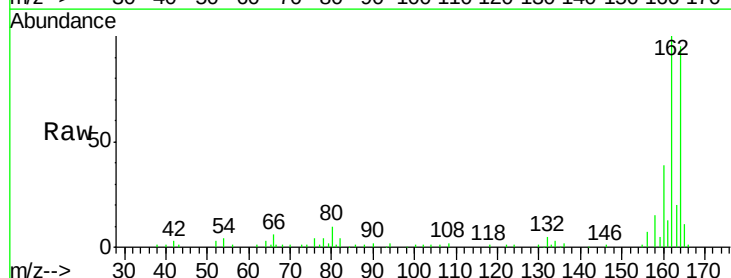
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021518-B

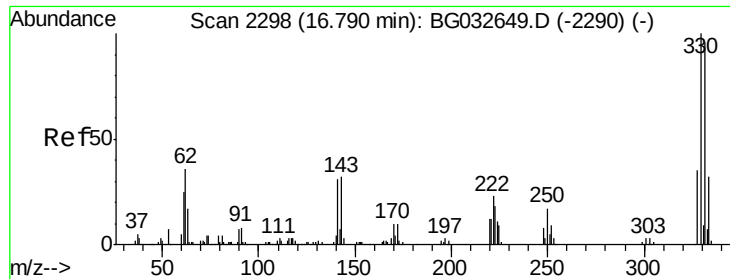
Tgt Ion: 82 Resp: 116223
 Ion Ratio Lower Upper
 82 100
 128 49.8 29.7 44.5#
 54 50.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Tgt Ion: 164 Resp: 62358
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 41.0 35.4 53.0

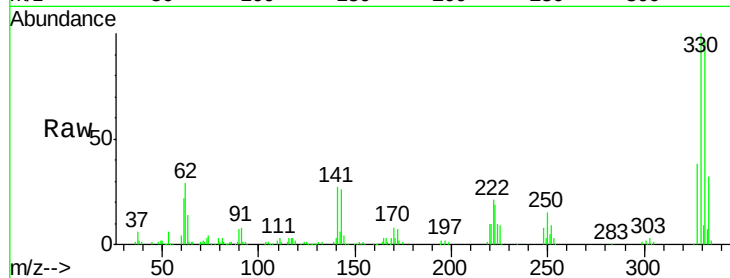




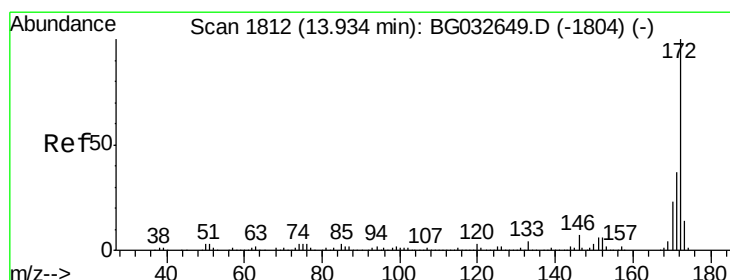
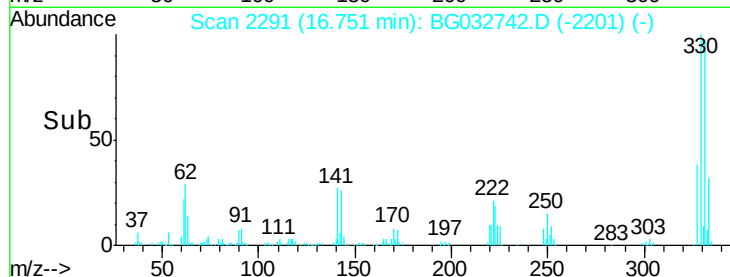
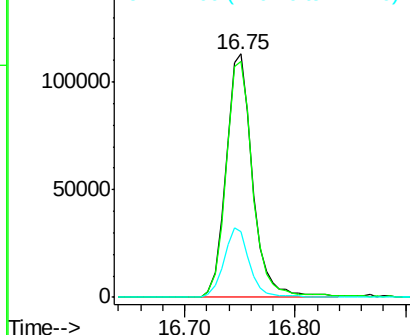
#41
 2,4,6-Tribromophenol
 Concen: 197.883 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021518-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	27.5	25.2	37.8

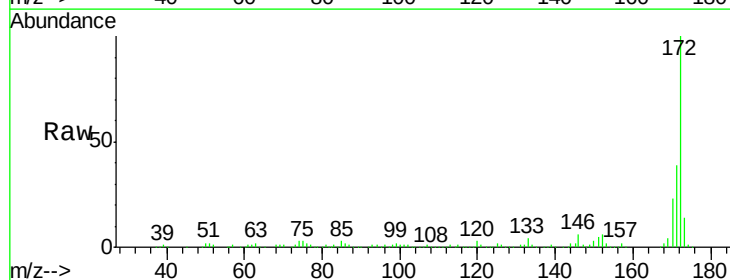


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

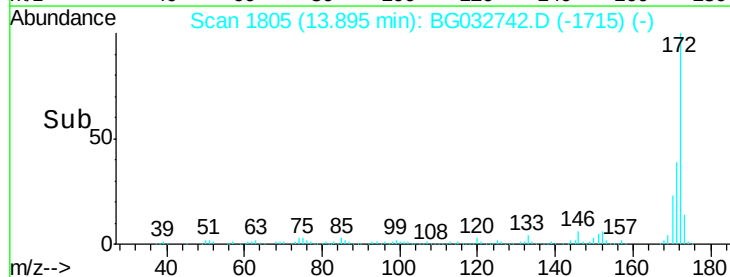
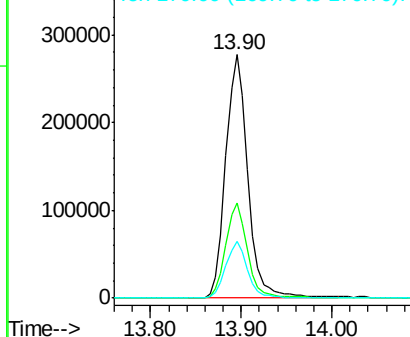


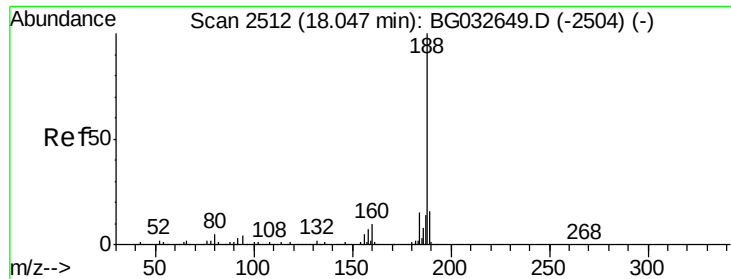
#44
 2-Fluorobiphenyl
 Concen: 94.485 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	23.5	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: 18.01 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

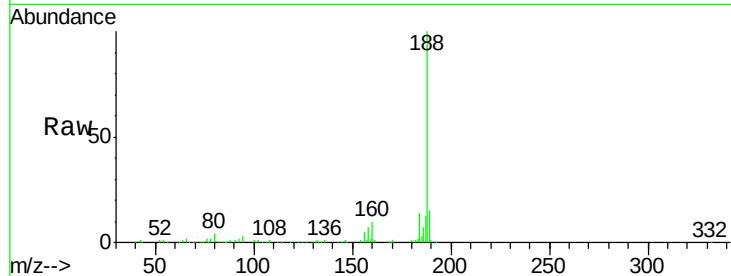
Tgt Ion:188 Resp: 188899

Ion Ratio Lower Upper

188 100

94 3.4 6.9 10.3#

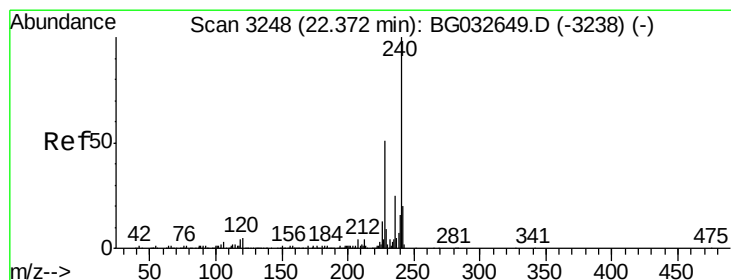
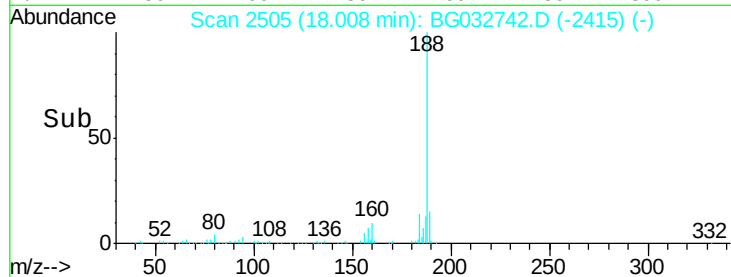
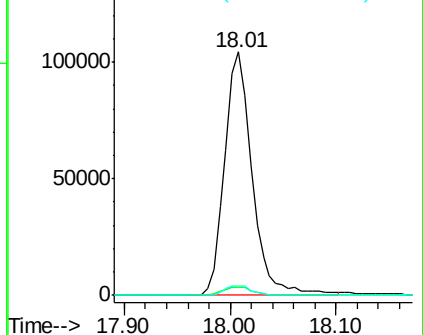
80 3.7 7.7 11.5#



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: 22.33 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

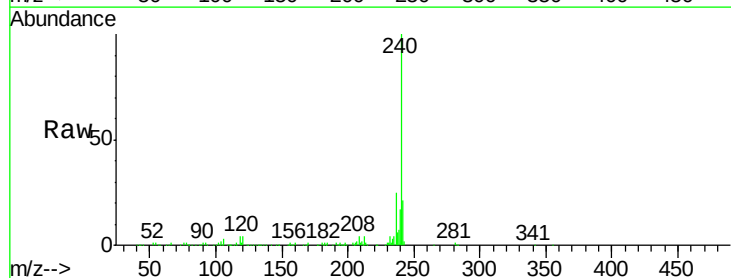
Tgt Ion:240 Resp: 248826

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

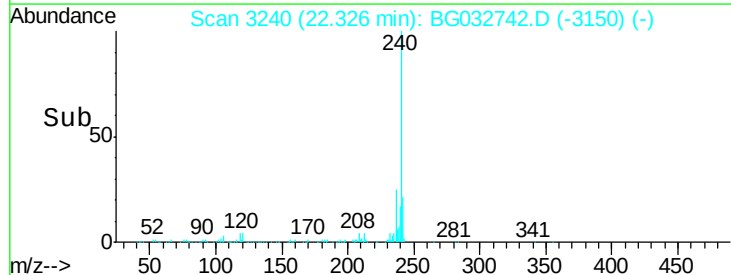
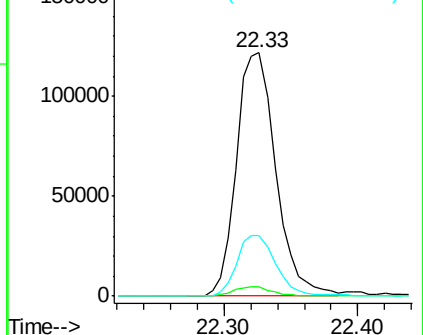
236 24.9 20.9 31.3

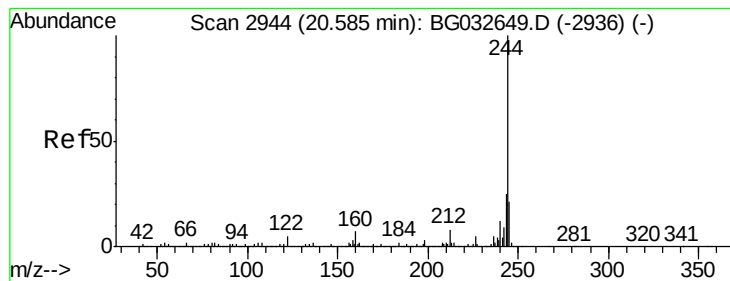


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.871 ng

RT: 20.56 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

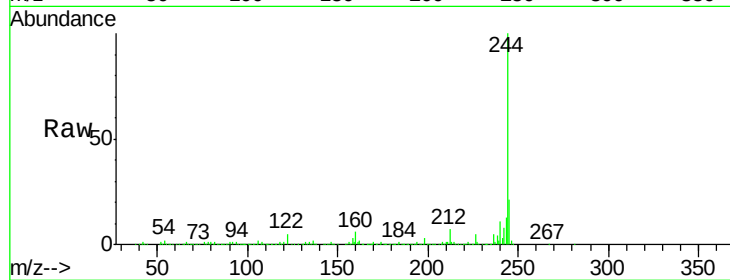
Tgt Ion:244 Resp: 1144899

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

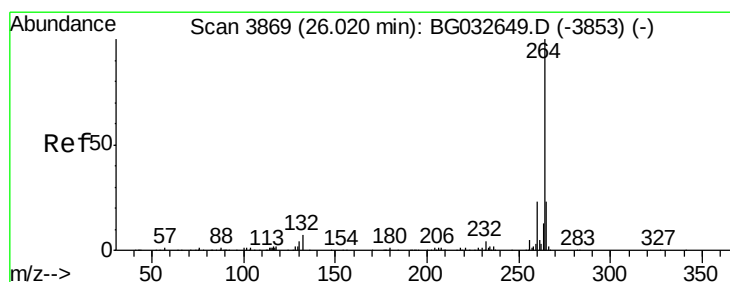
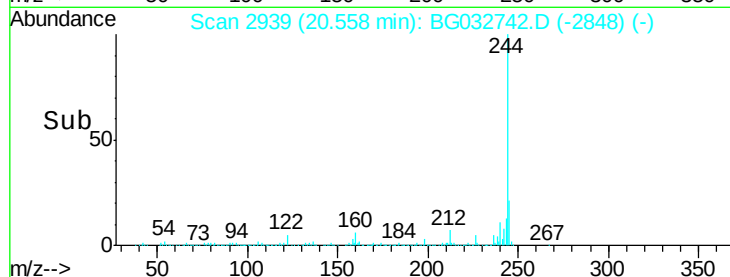
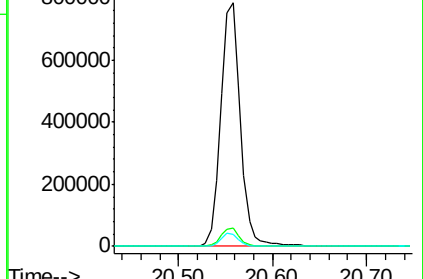
122 4.9 7.0 10.4#



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: 25.94 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

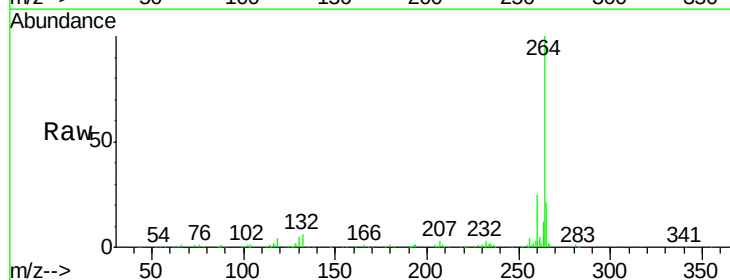
Tgt Ion:264 Resp: 270676

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 21.4 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

