

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032734.D
 Acq On : 16 Feb 2018 4:56
 Operator : SJ/JU
 Sample : J1402-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-021418-A

Quant Time: Feb 16 07:32:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	23243	20.00	ng	-0.02
21) Naphthalene-d8	11.52	136	79274	20.00	ng	-0.02
38) Acenaphthene-d10	15.28	164	68066	20.00	ng	-0.02
63) Phenanthrene-d10	18.02	188	189058	20.00	ng	-0.02
75) Chrysene-d12	22.34	240	269040	20.00	ng	-0.03
86) Perylene-d12	25.98	264	280053	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	154730	133.56	ng	-0.02
7) Phenol-d6	7.78	99	163188	103.02	ng	-0.02
23) Nitrobenzene-d5	9.84	82	139771	112.06	ng	-0.03
41) 2,4,6-Tribromophenol	16.77	330	190295	181.57	ng	-0.02
44) 2-Fluorobiphenyl	13.91	172	490323	90.08	ng	-0.02
78) Terphenyl-d14	20.57	244	1199974	101.66	ng	-0.02

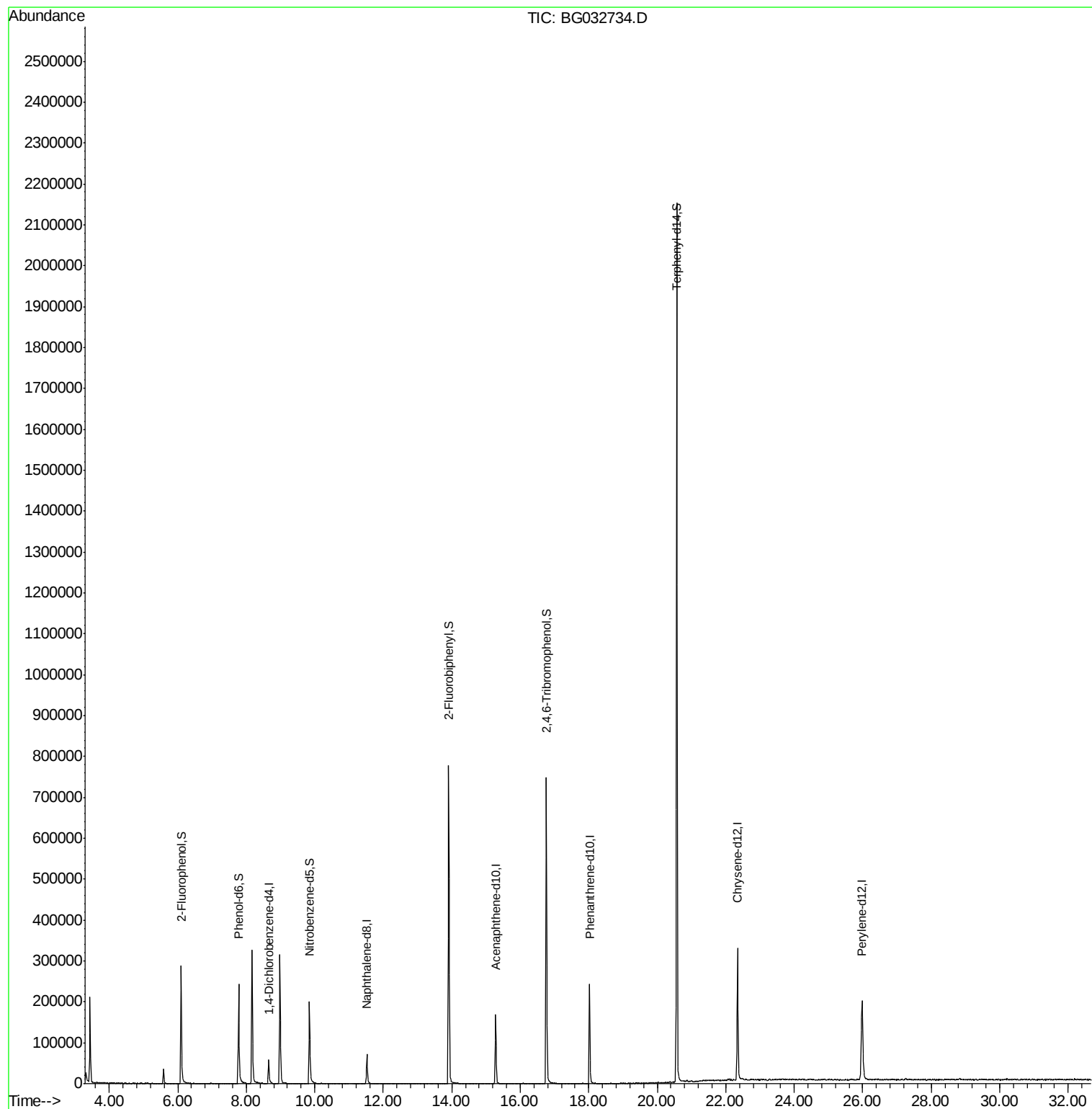
Target Compounds Qvalue

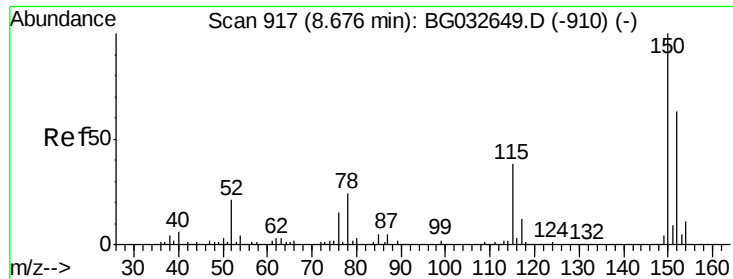
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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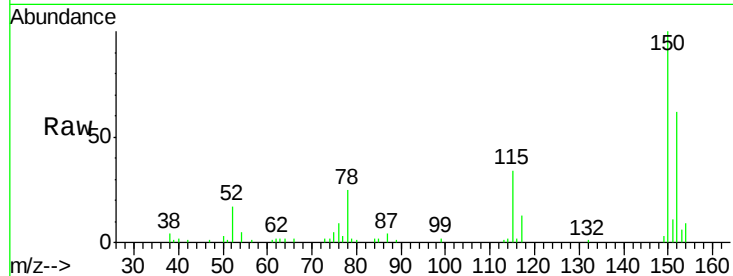


#1

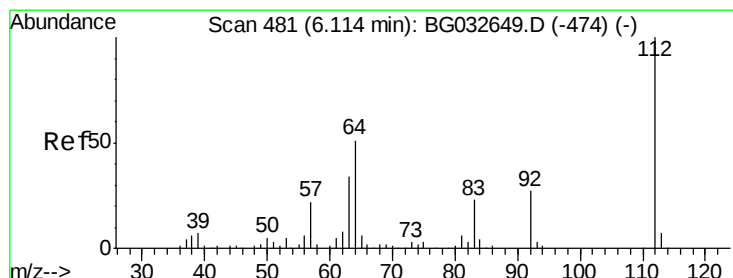
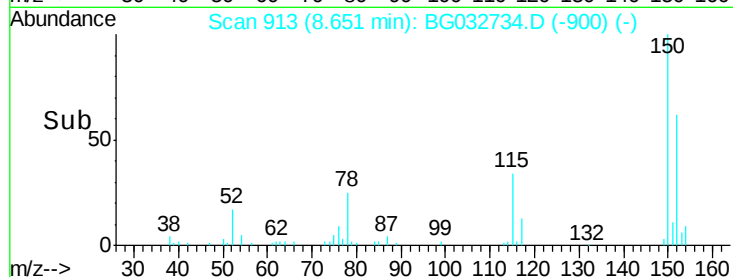
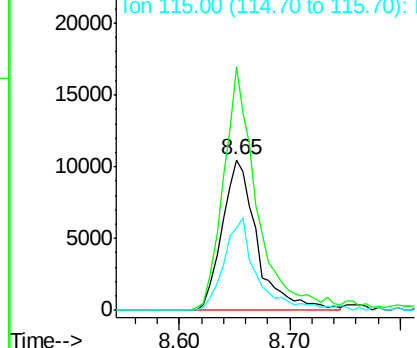
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG032734.D
Acq: 16 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
PL-01-021418-A

Tot Ion:152 Resp: 23243
Ion Ratio Lower Upper
152 100
150 162.0 126.6 189.8
115 54.6 53.0 79.4



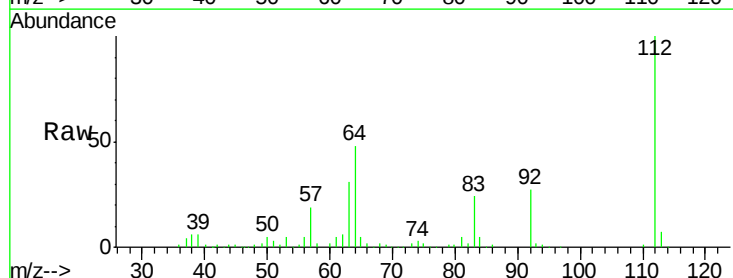
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



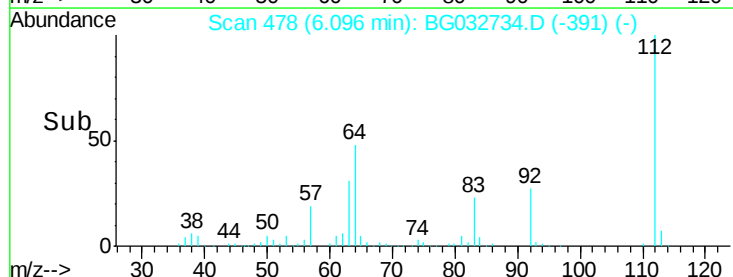
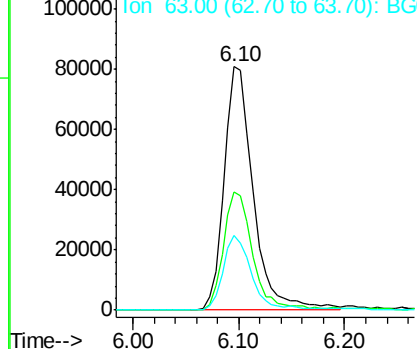
#5

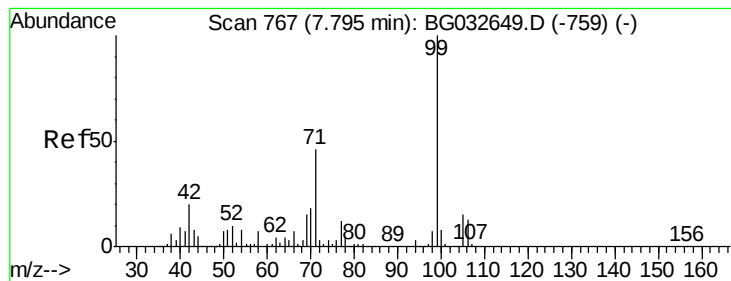
2-Fluorophenol
Concen: 133.564 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032734.D
Acq: 16 Feb 2018 4:56

Tgt Ion:112 Resp: 154730
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 30.8 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: 103.017 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-A

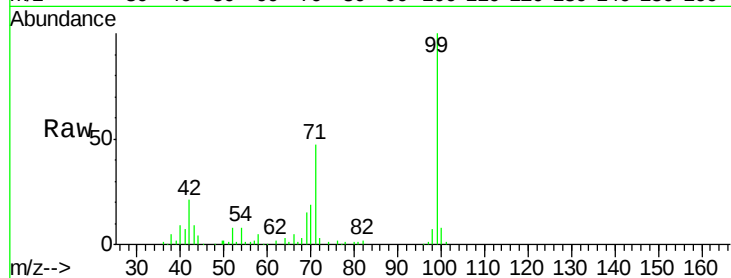
Tot Ion: 99 Resp: 163188

Ion Ratio Lower Upper

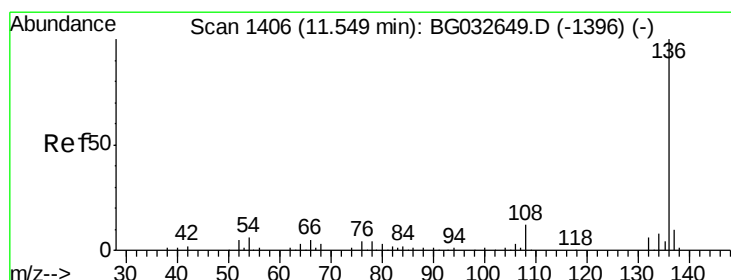
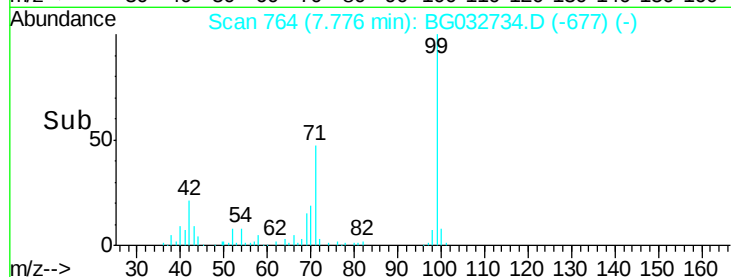
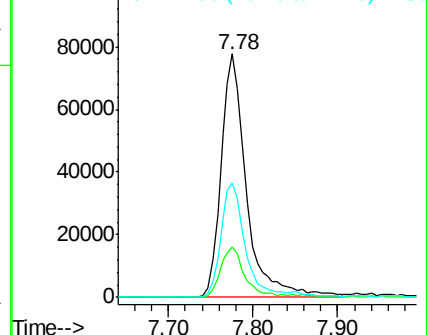
99 100

42 20.8 14.1 21.1

71 47.0 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: 11.52 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

Tgt Ion: 136 Resp: 79274

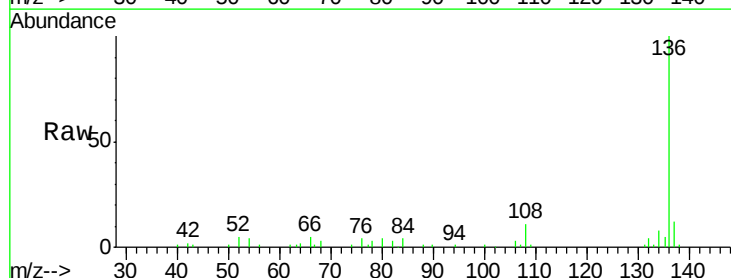
Ion Ratio Lower Upper

136 100

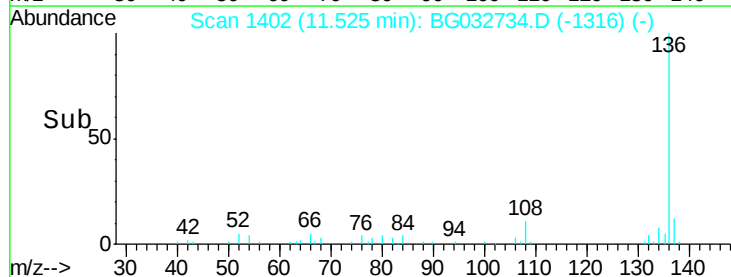
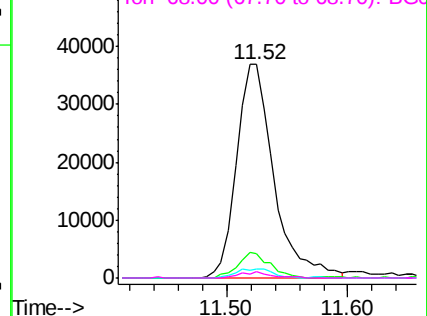
137 11.5 9.2 13.8

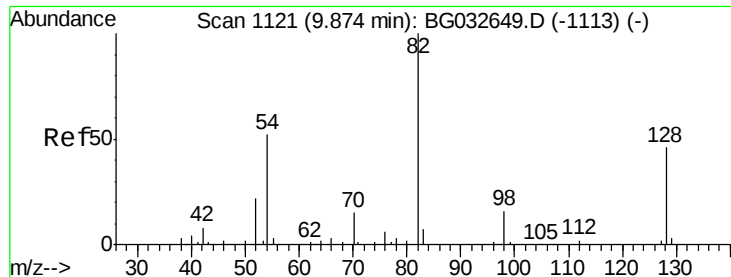
54 4.2 10.3 15.5#

68 2.9 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

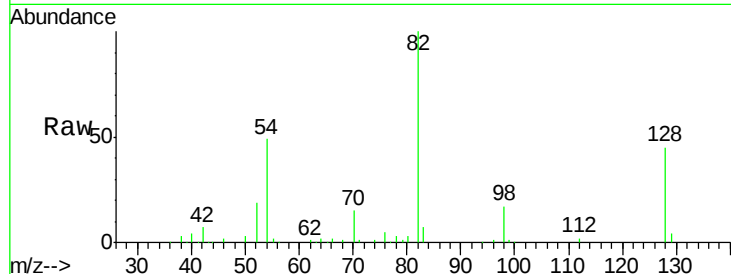




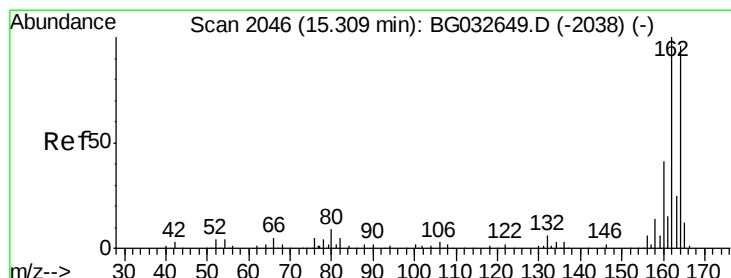
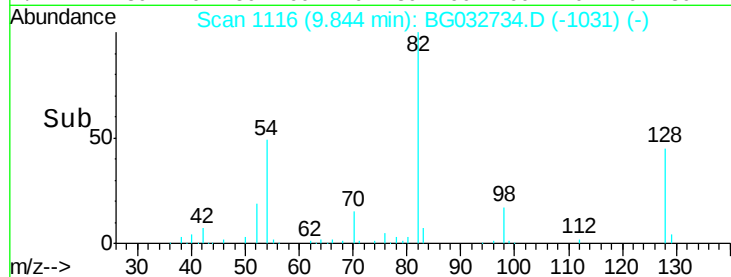
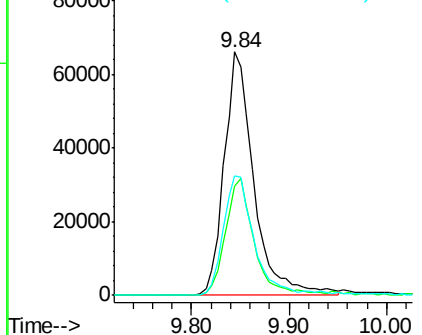
#23
Nitrobenzene-d5
Concen: 112.057 ng
RT: 9.84 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BG032734.D
Acq: 16 Feb 2018 4:56

Instrument :
BNA_G
ClientSampleId :
PL-01-021418-A

Tot Ion: 82 Resp: 139771
Ion Ratio Lower Upper
82 100
128 44.7 29.7 44.5#
54 49.1 43.1 64.7

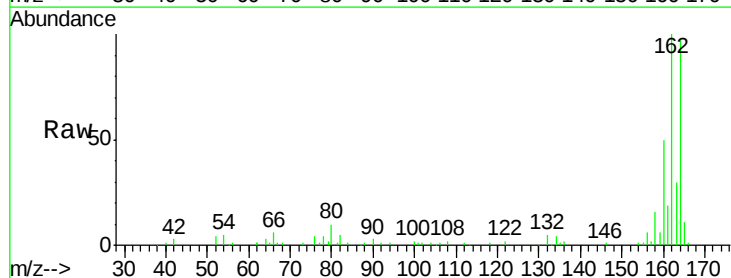


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

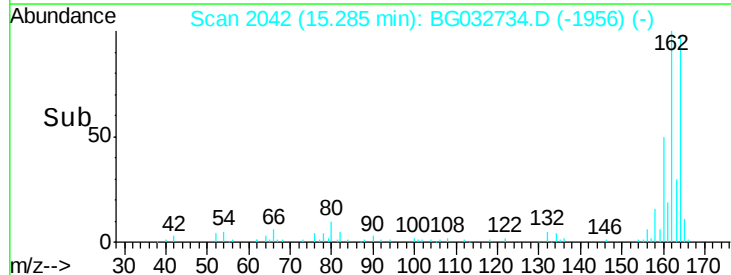
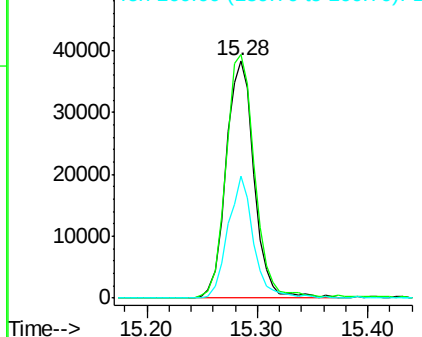


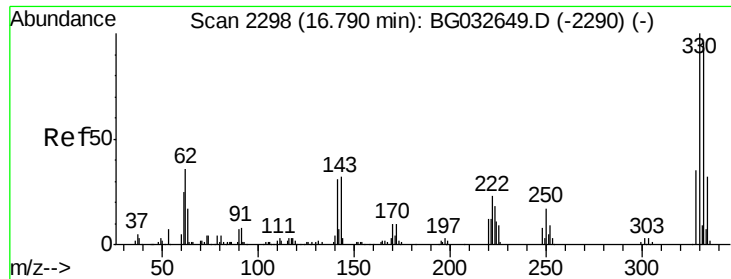
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.28 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BG032734.D
Acq: 16 Feb 2018 4:56

Tgt Ion:164 Resp: 68066
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 51.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

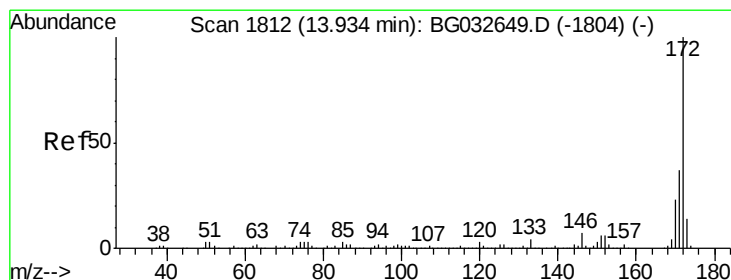
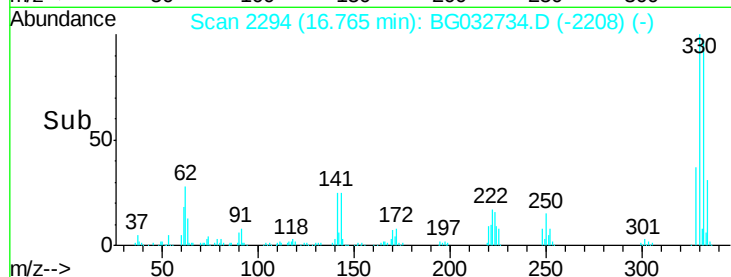
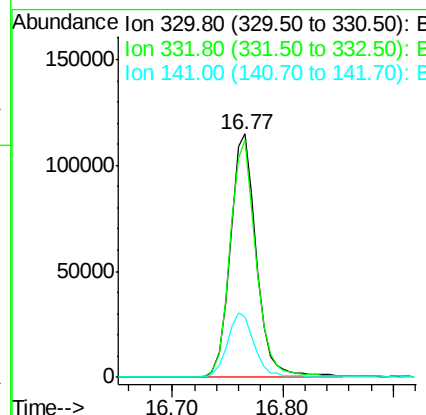
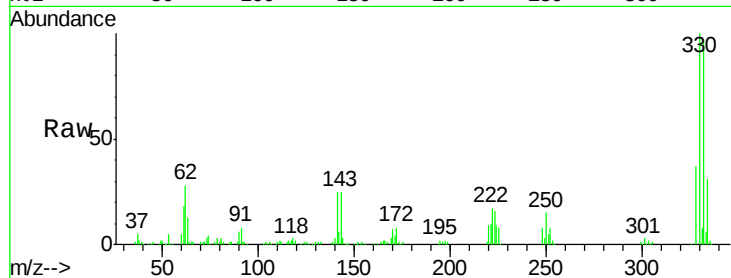




#41
 2,4,6-Tribromophenol
 Concen: 181.566 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: BG032734.D
 Acq: 16 Feb 2018 4:56

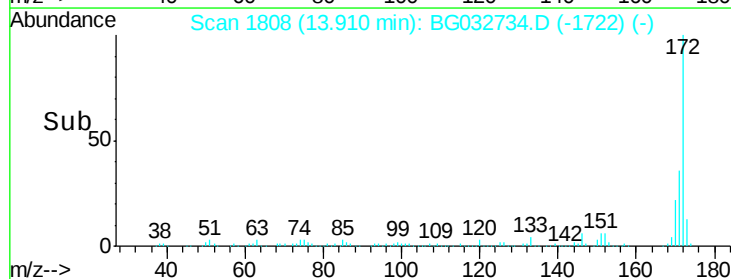
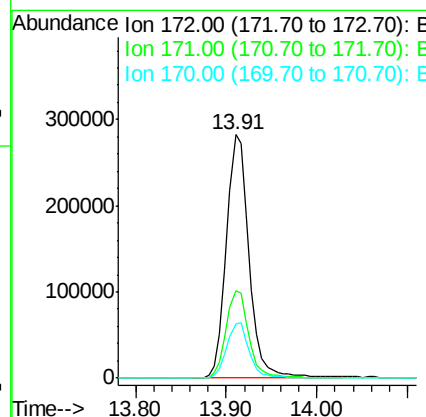
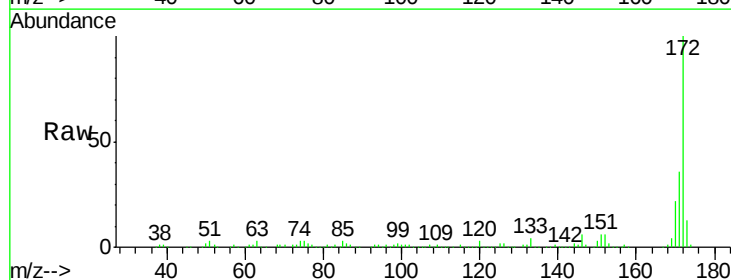
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-021418-A

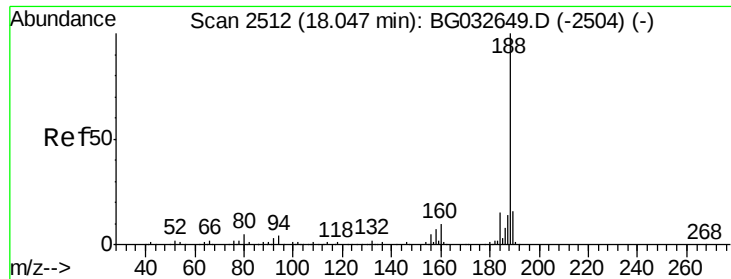
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	27.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 90.084 ng
 RT: 13.91 min Scan# 1808
 Delta R.T. -0.02 min
 Lab File: BG032734.D
 Acq: 16 Feb 2018 4:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.02 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-A

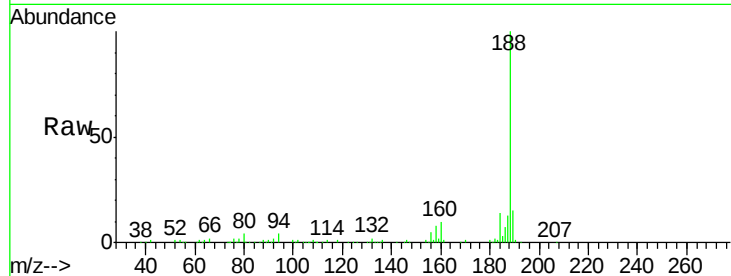
Tot Ion:188 Resp: 189058

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

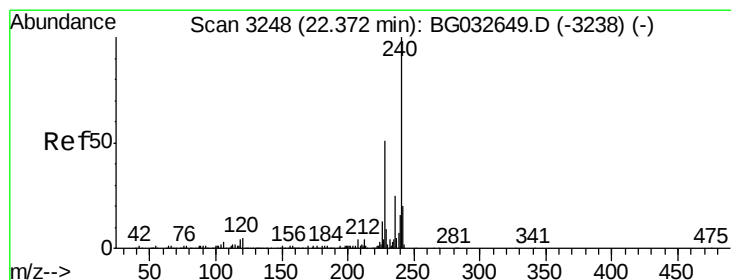
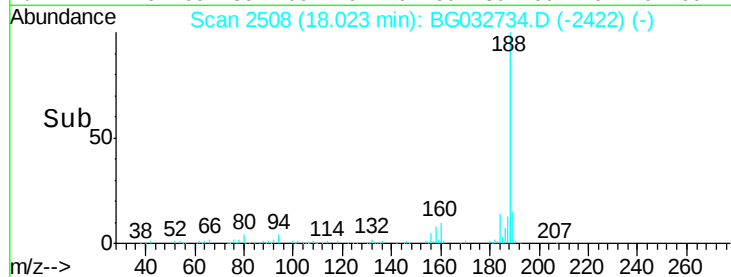
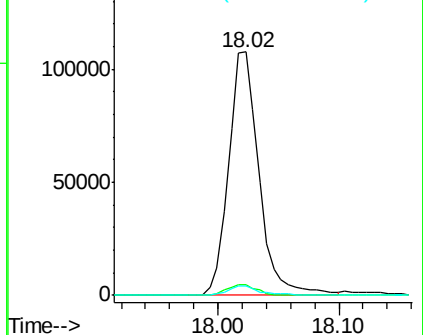
80 3.9 7.7 11.5#



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: 22.34 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

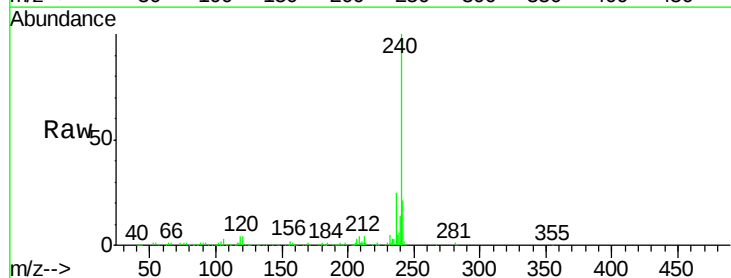
Tgt Ion:240 Resp: 269040

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

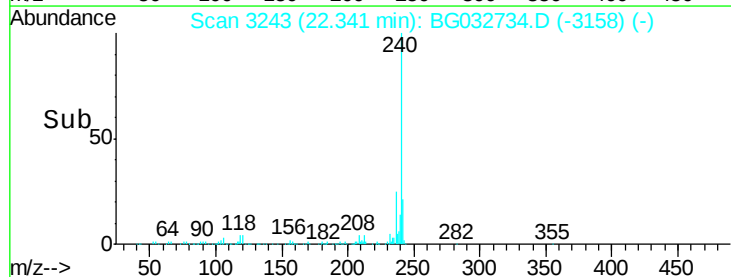
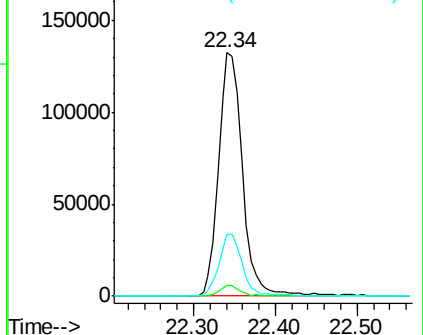
236 25.3 20.9 31.3

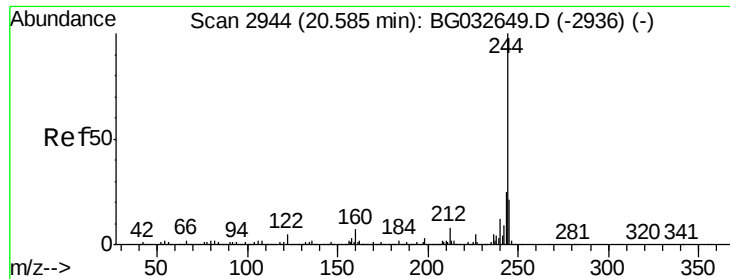


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.658 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.02 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

Instrument :

BNA_G

ClientSampleId :

PL-01-021418-A

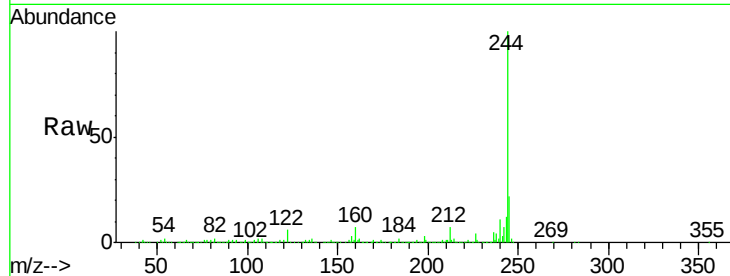
Tot Ion:244 Resp: 1199974

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

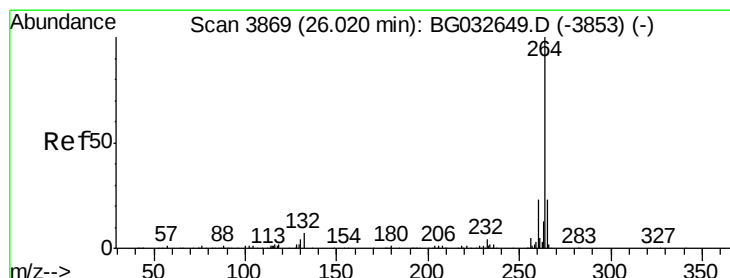
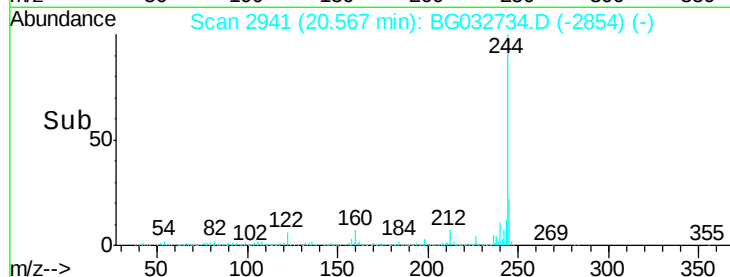
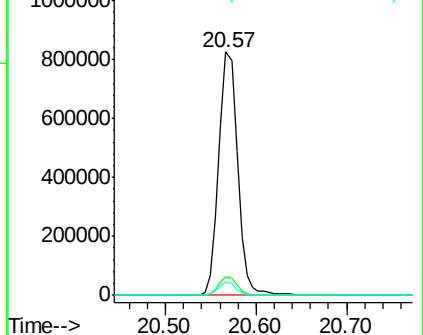
122 5.6 7.0 10.4#



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: 25.98 min Scan# 3862

Delta R.T. -0.04 min

Lab File: BG032734.D

Acq: 16 Feb 2018 4:56

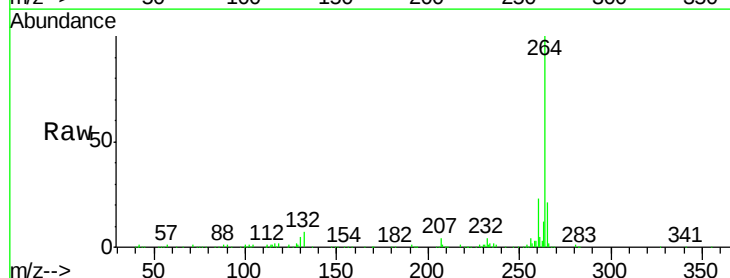
Tgt Ion:264 Resp: 280053

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.5 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

