

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035451.D
 Acq On : 27 Jun 2018 18:54
 Operator : JU/SJ
 Sample : PB110639BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110639BL

Quant Time: Jun 28 01:23:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47642	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	174888	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127796	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	353085	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	393804	20.00	ng	-0.04
86) Perylene-d12	24.90	264	364841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	339670	120.32	ng	-0.01
7) Phenol-d6	7.21	99	500896	120.22	ng	-0.01
23) Nitrobenzene-d5	9.21	82	313685	85.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	231316	141.40	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	759123	77.22	ng	-0.03
78) Terphenyl-d14	20.02	244	1434184	76.29	ng	-0.02

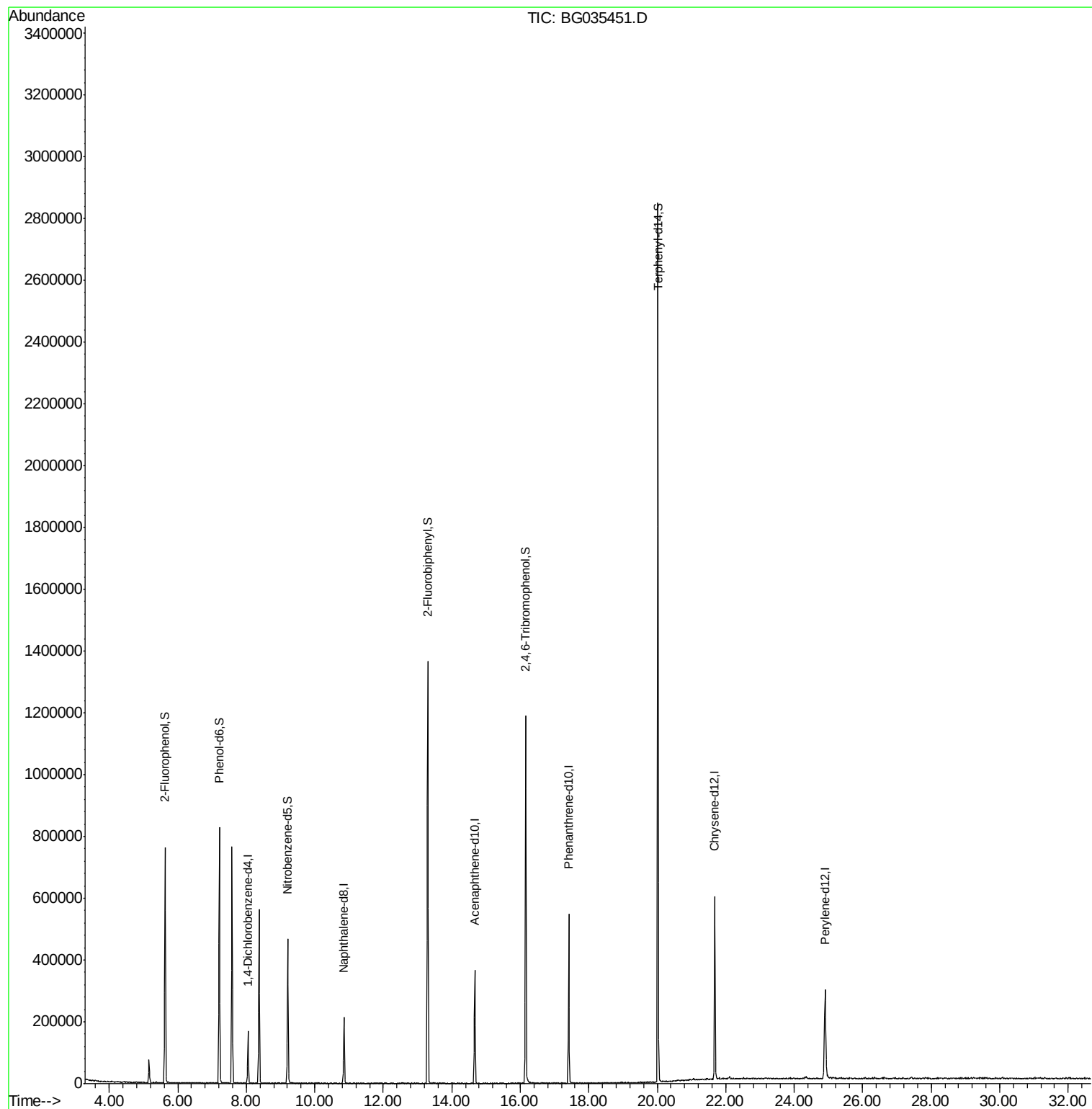
Target Compounds Qvalue

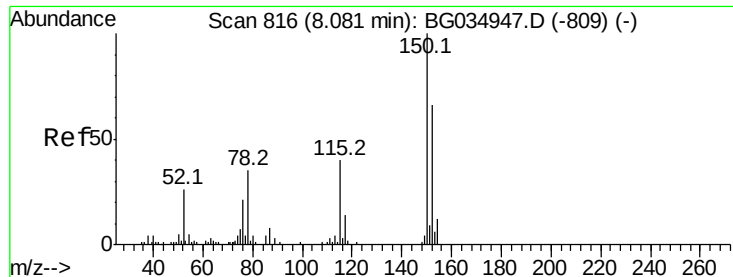
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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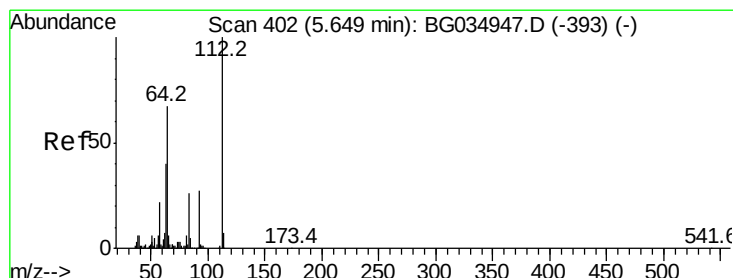
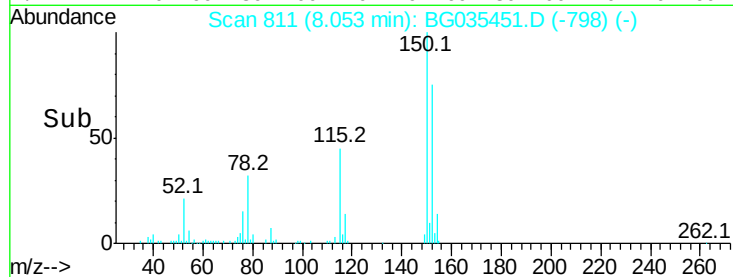
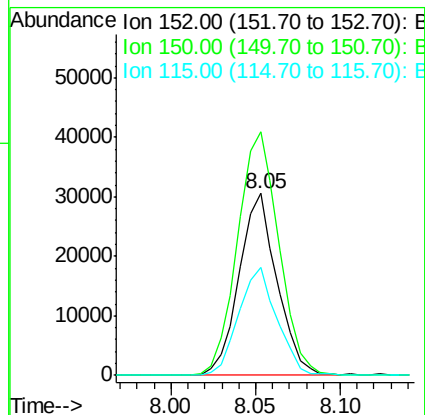
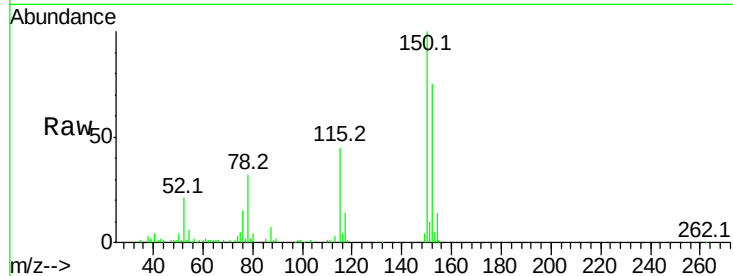


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

Instrument :
BNA_G
ClientSampleId :
PB110639BL

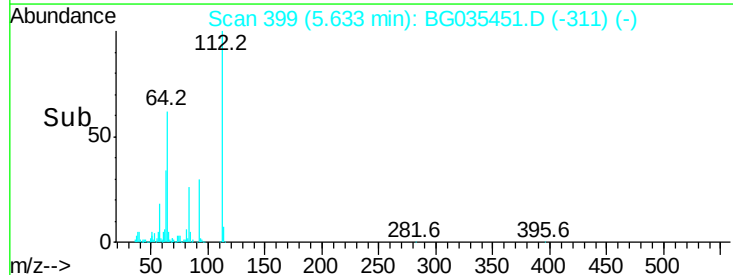
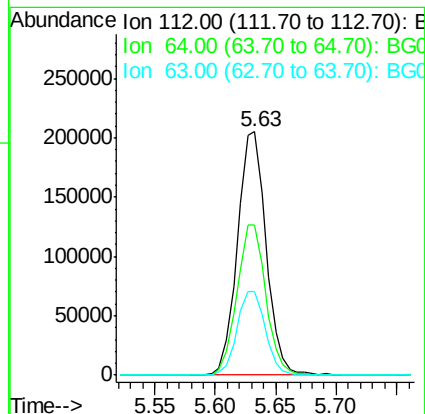
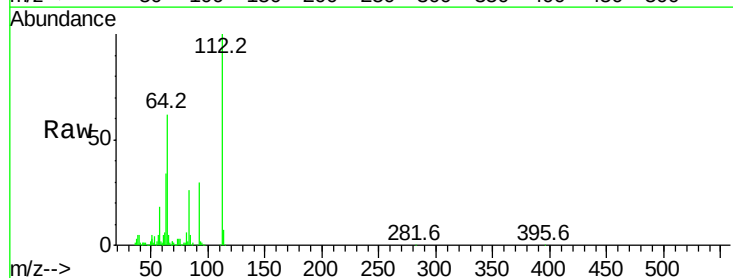
Tot Ion:152 Resp: 47642
Ion Ratio Lower Upper
152 100
150 133.7 126.6 189.8
115 59.5 53.0 79.4

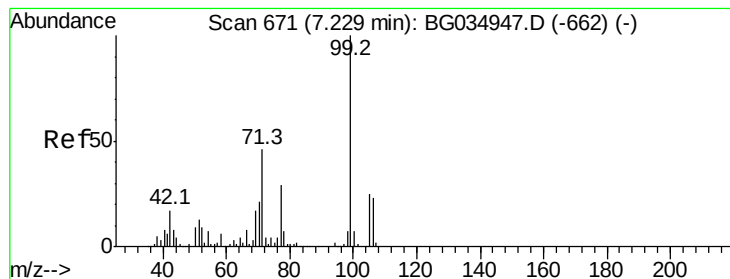


#5

2-Fluorophenol
Concen: 120.320 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

Tgt Ion:112 Resp: 339670
Ion Ratio Lower Upper
112 100
64 61.9 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 120.215 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

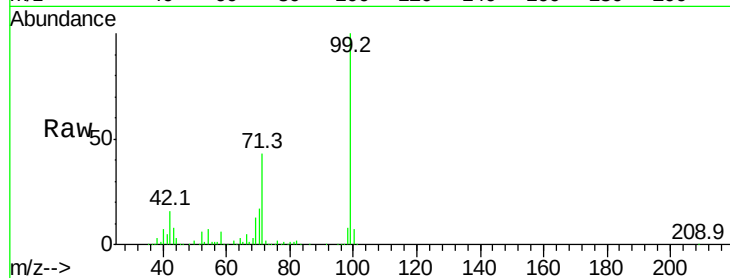
Tot Ion: 99 Resp: 500896

Ion Ratio Lower Upper

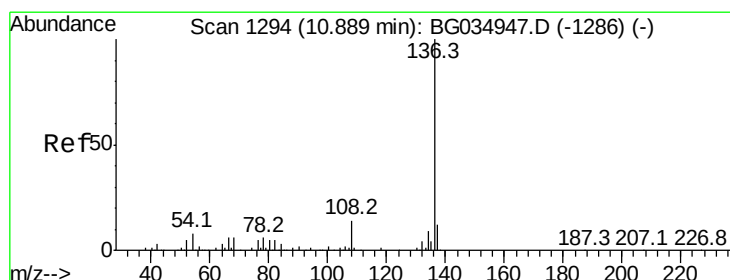
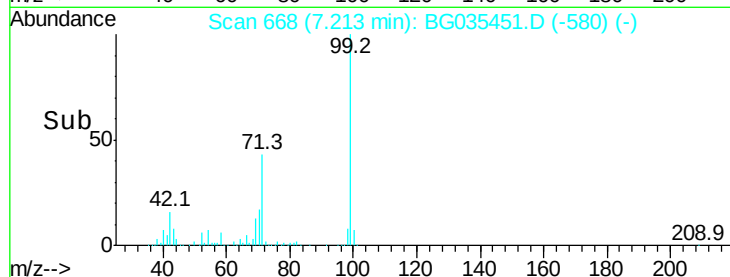
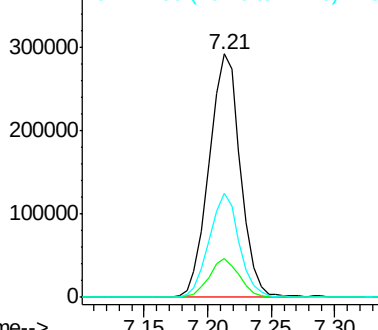
99 100

42 16.1 14.1 21.1

71 42.9 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Tgt Ion: 136 Resp: 174888

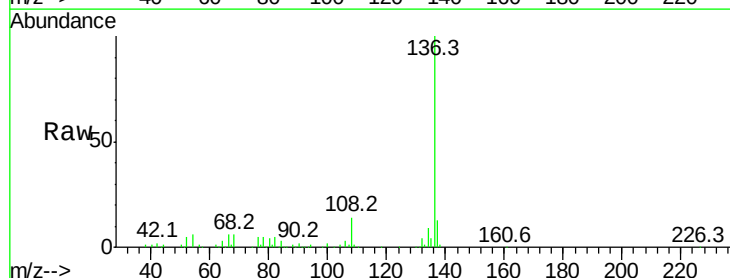
Ion Ratio Lower Upper

136 100

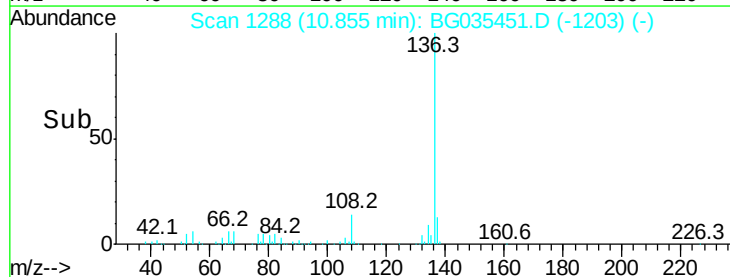
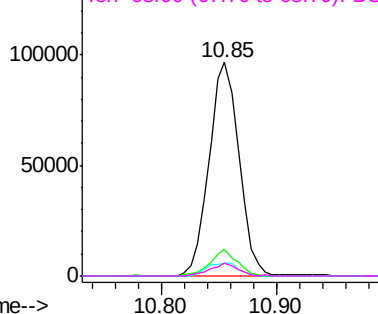
137 12.7 9.2 13.8

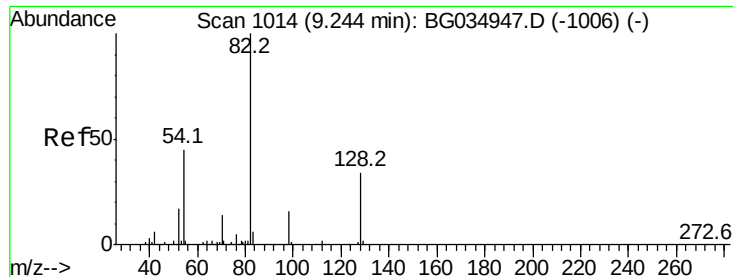
54 6.2 10.3 15.5#

68 5.8 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

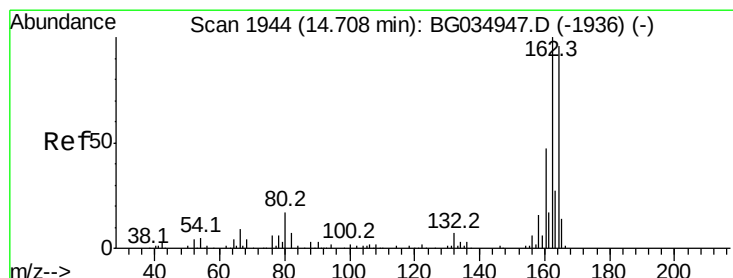
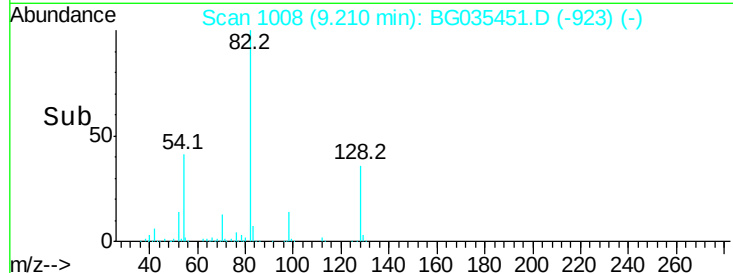
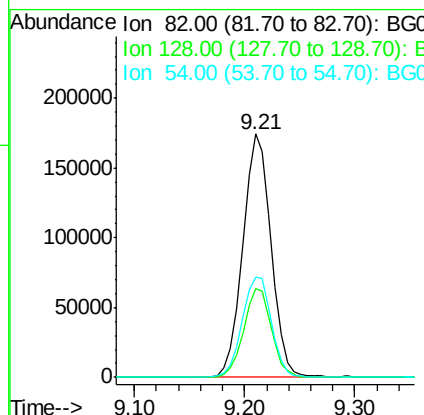
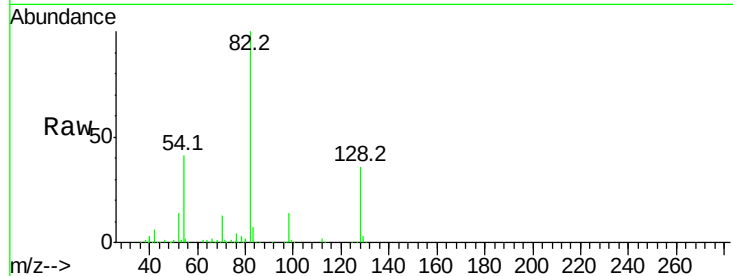




#23
 Nitrobenzene-d5
 Concen: 85.259 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

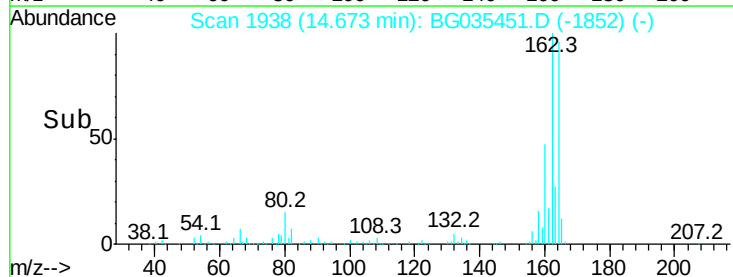
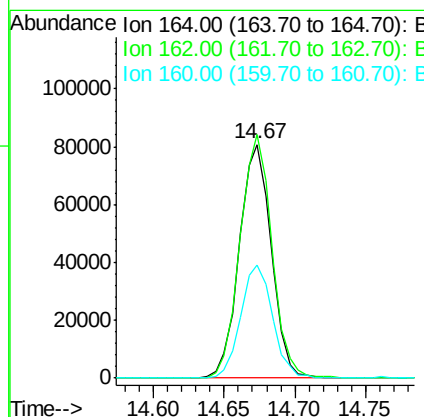
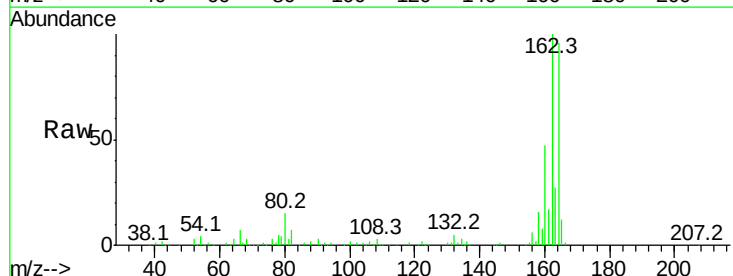
Instrument :
 BNA_G
 ClientSampleId :
 PB110639BL

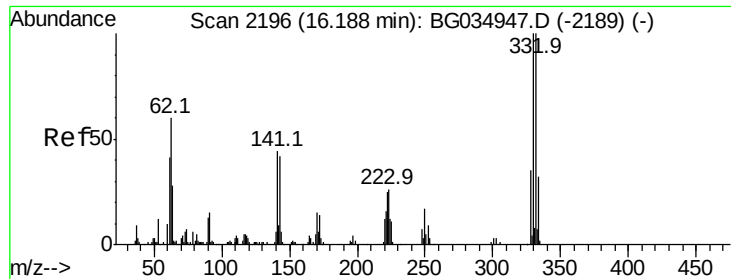
Tot Ion	82	Resp	313685
Ion Ratio	100	Lower	Upper
128	36.4	29.7	44.5
54	41.3	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

Tgt Ion	164	Resp	127796
Ion Ratio	100	Lower	Upper
162	104.0	78.8	118.2
160	48.5	35.4	53.0

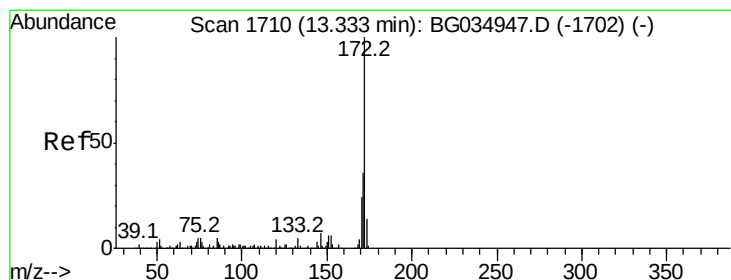
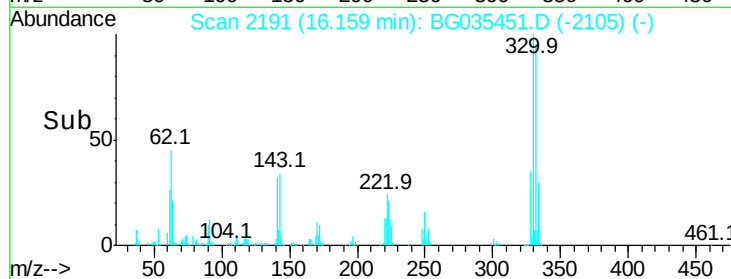
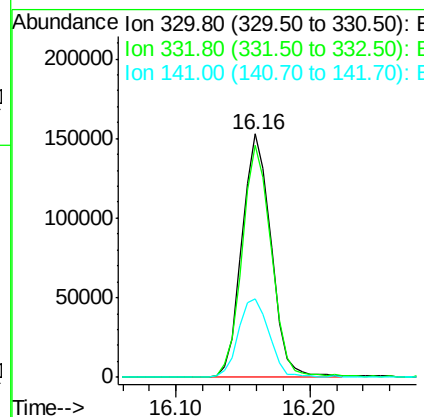
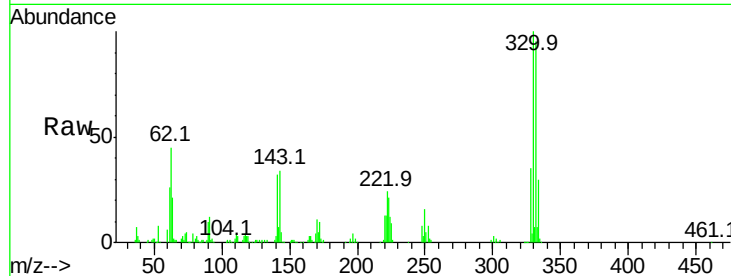




#41
 2,4,6-Tribromophenol
 Concen: 141.395 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

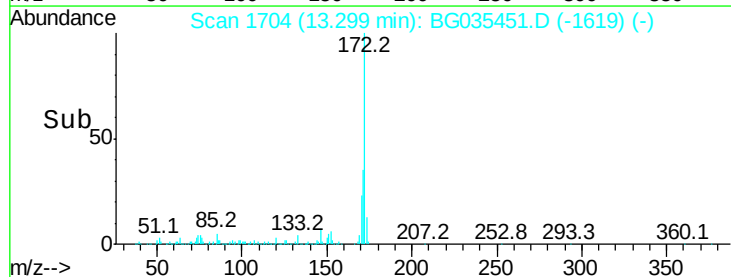
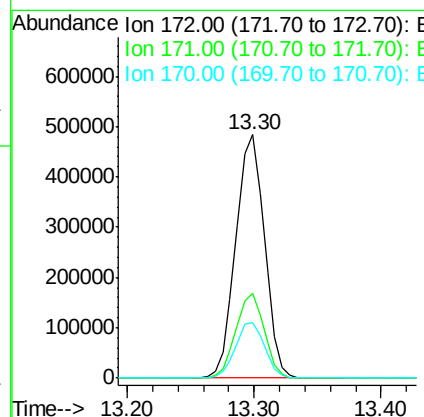
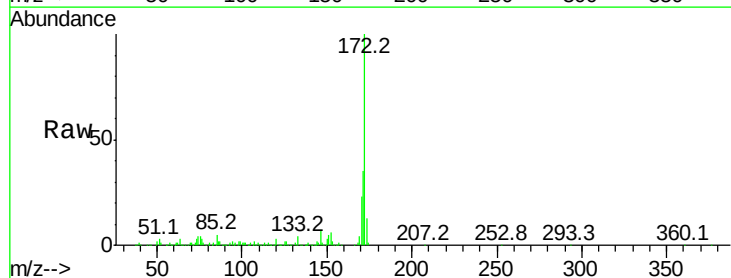
Instrument :
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 ClientSampleId :
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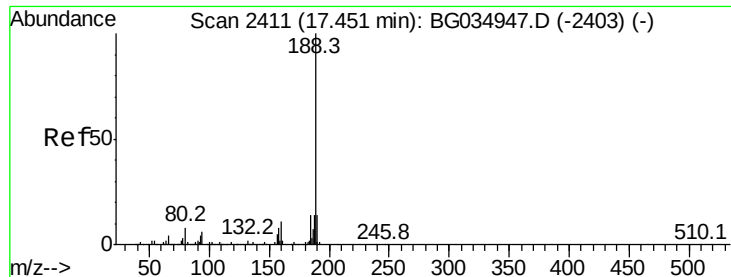
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 77.221 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.5	19.5	29.3

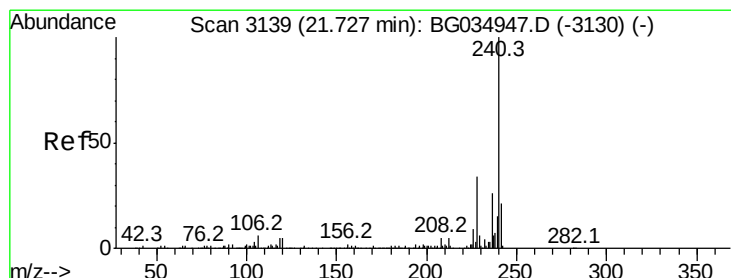
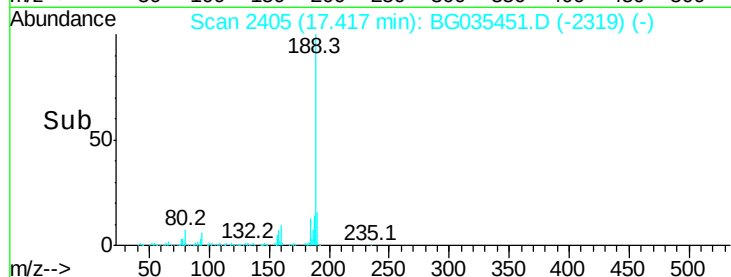
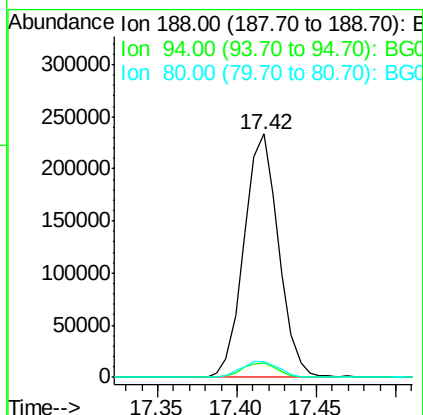
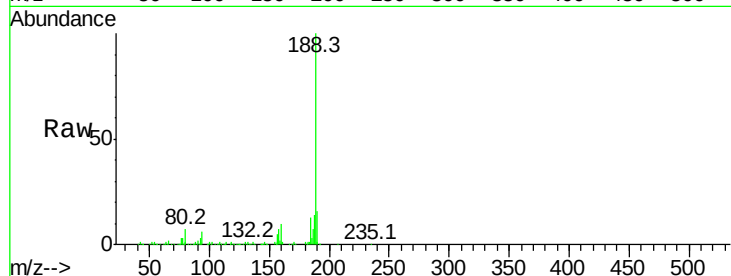




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

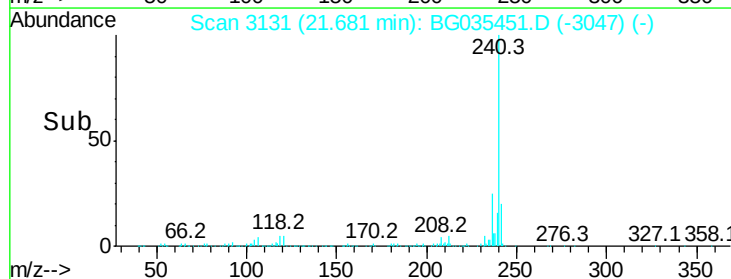
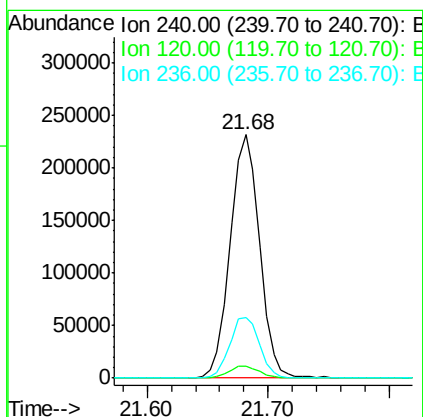
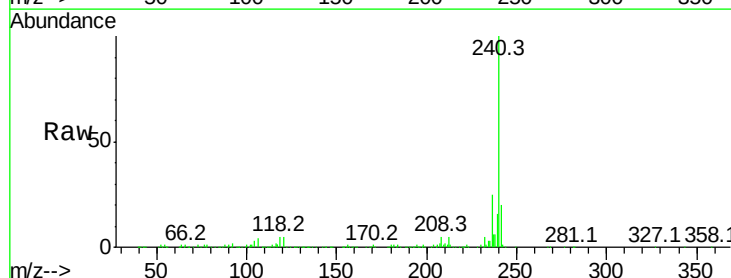
Instrument :
BNA_G
ClientSampleId :
PB110639BL

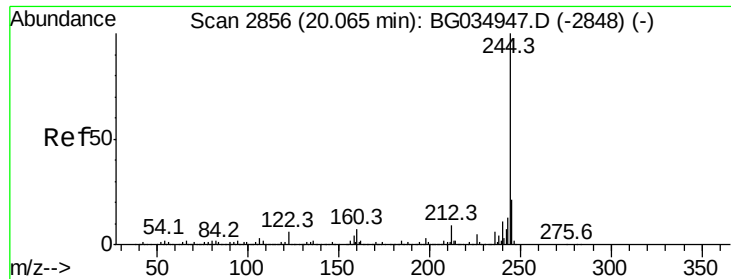
Tot Ion:188 Resp: 353085
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 6.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

Tgt Ion:240 Resp: 393804
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 76.285 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampled :

PB110639BL

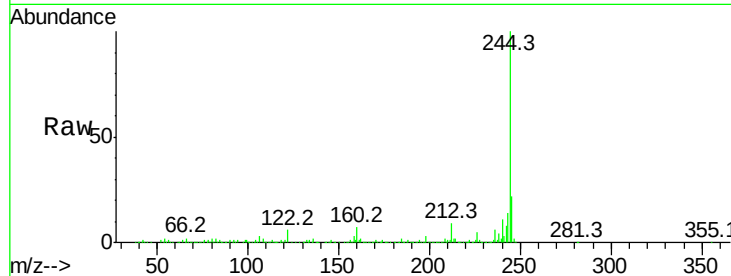
Tot Ion:244 Resp: 1434184

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

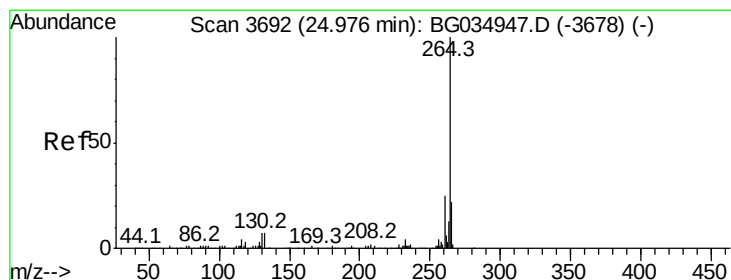
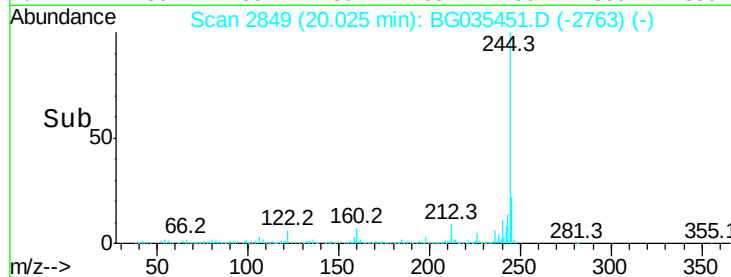
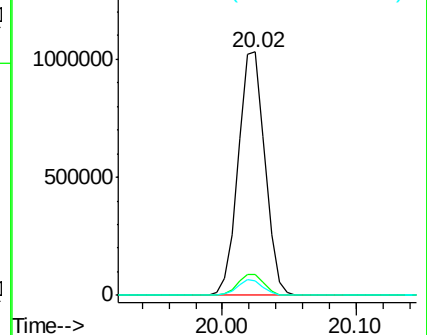
122 6.1 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

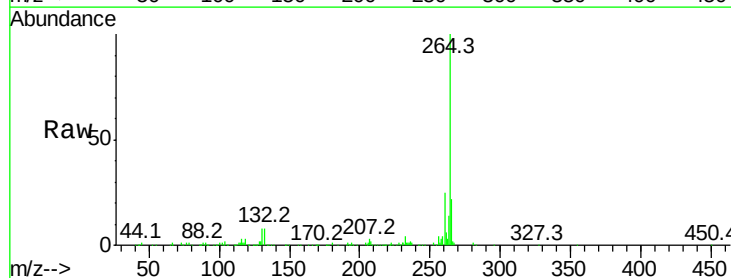
Tgt Ion:264 Resp: 364841

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.7 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

