

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035434.D
 Acq On : 27 Jun 2018 7:15
 Operator : JU/SJ
 Sample : PB110599BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110599BL

Quant Time: Jun 27 09:22:49 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	51300	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	193510	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	142705	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	410397	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	448428	20.00	ng	-0.04
86) Perylene-d12	24.89	264	410153	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	318544	104.79	ng	-0.02
7) Phenol-d6	7.21	99	466334	103.94	ng	-0.01
23) Nitrobenzene-d5	9.21	82	287746	70.68	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	214240	117.28	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	700833	63.84	ng	-0.03
78) Terphenyl-d14	20.02	244	1350386	63.08	ng	-0.03

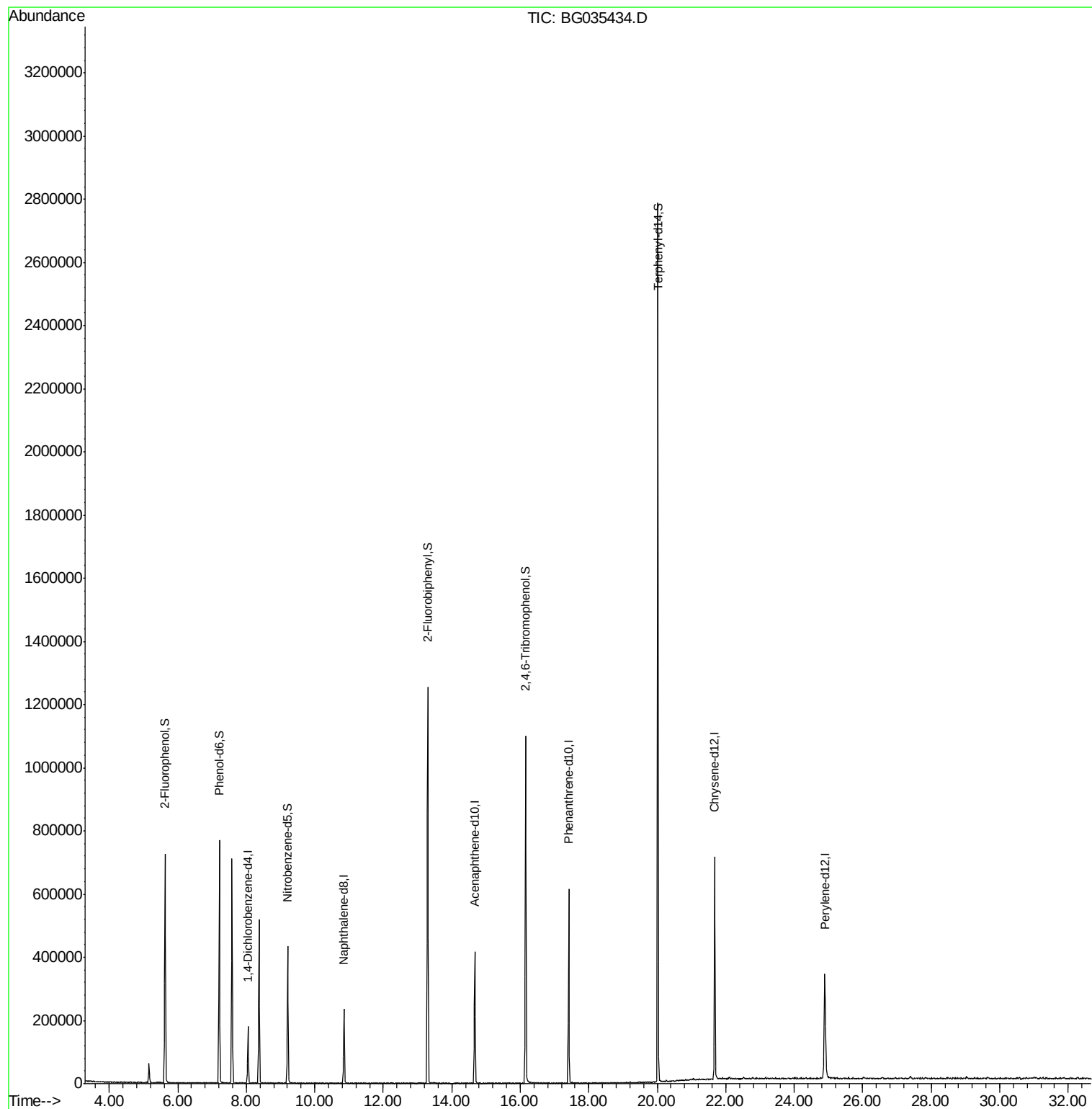
Target Compounds Qvalue

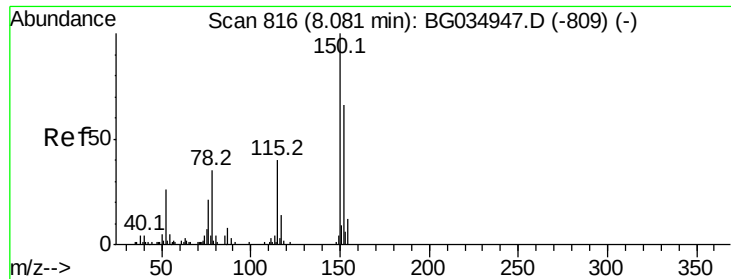
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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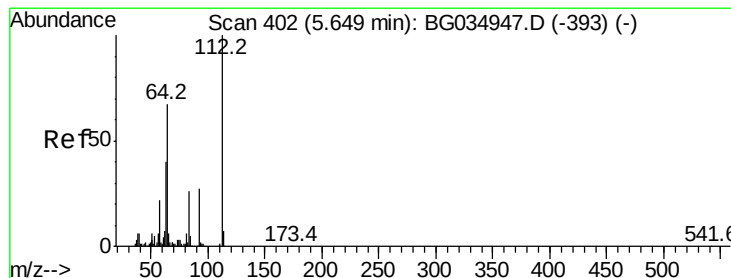
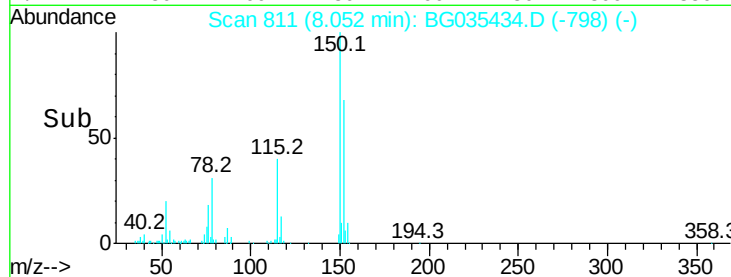
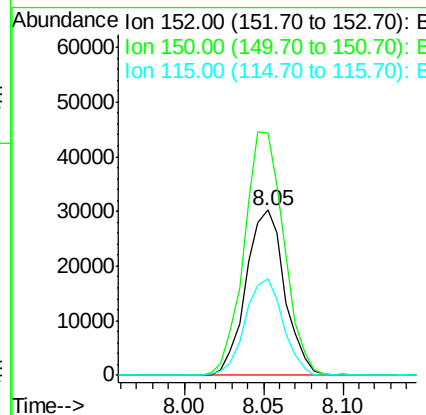
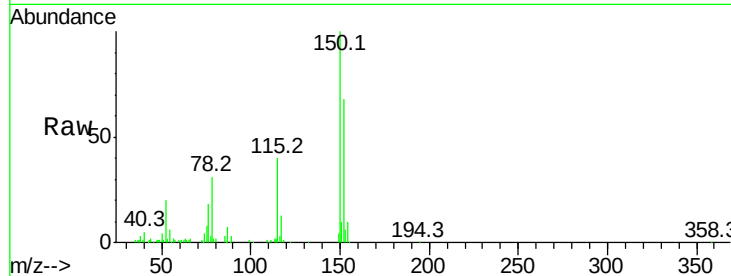


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035434.D
Acq: 27 Jun 2018 7:15

Instrument :
BNA_G
ClientSampleId :
PB110599BL

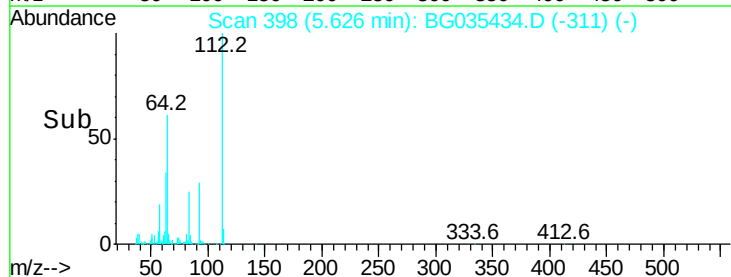
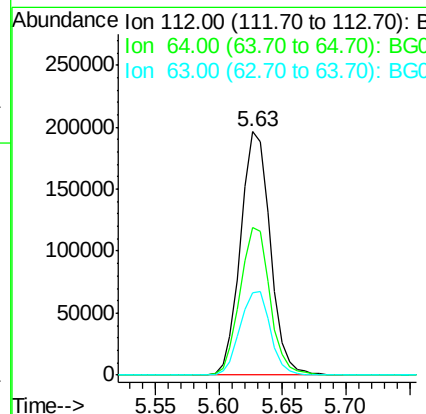
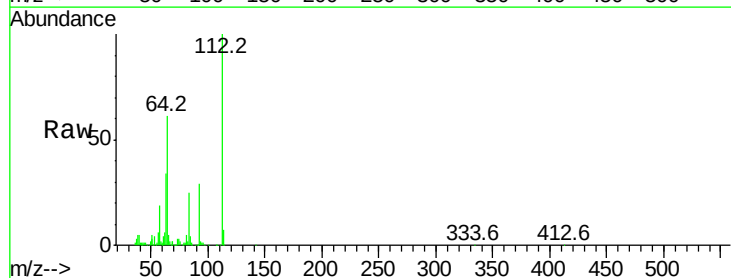
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	58.2	53.0	79.4

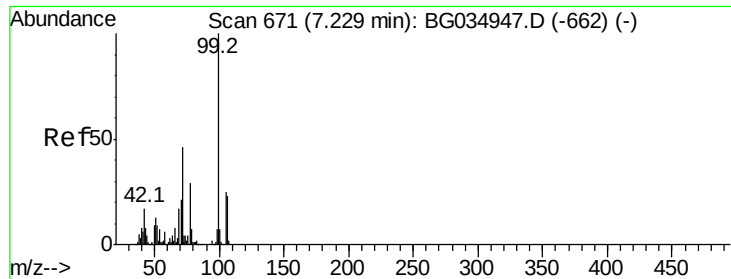


#5

2-Fluorophenol
Concen: 104.791 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035434.D
Acq: 27 Jun 2018 7:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	56.3	84.5
63	33.9	30.1	45.1





#7

Phenol-d6

Concen: 103.940 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035434.D

Acq: 27 Jun 2018 7:15

Instrument :

BNA_G

ClientSampleId :

PB110599BL

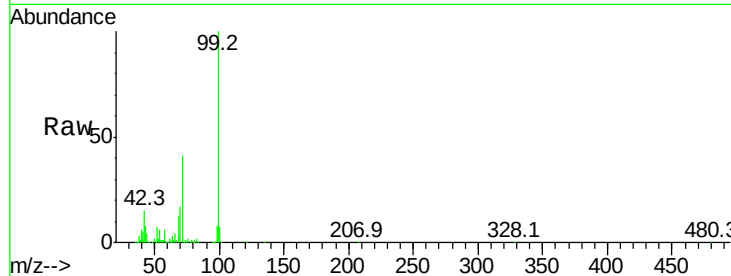
Tot Ion: 99 Resp: 466334

Ion Ratio Lower Upper

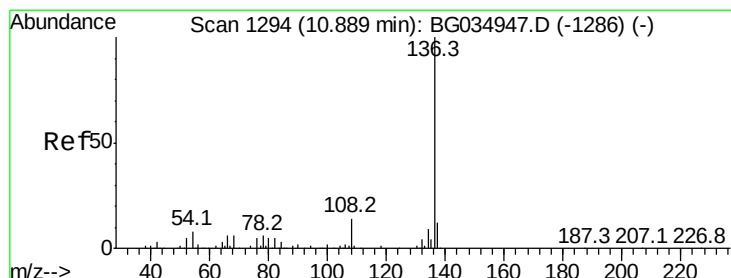
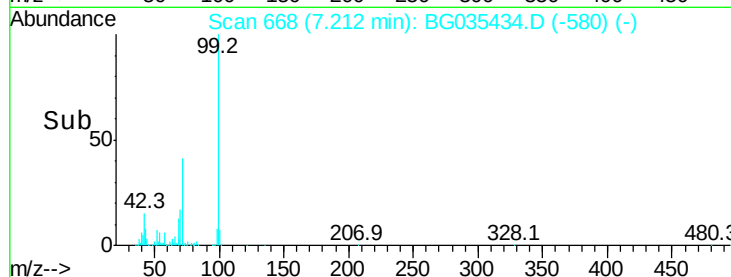
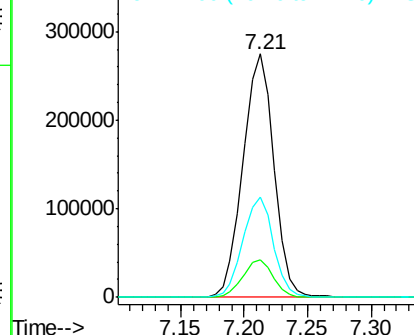
99 100

42 15.2 14.1 21.1

71 41.2 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: BG035434.D

Acq: 27 Jun 2018 7:15

Tgt Ion: 136 Resp: 193510

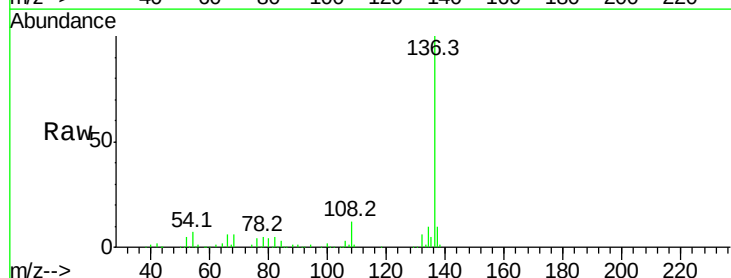
Ion Ratio Lower Upper

136 100

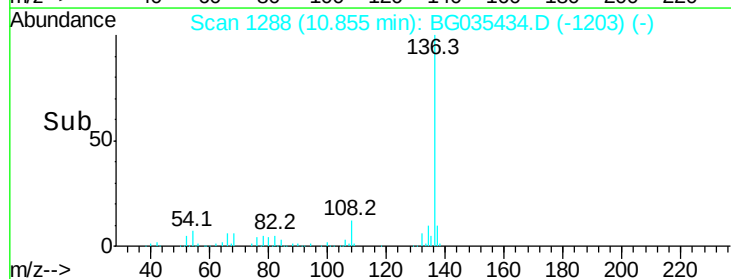
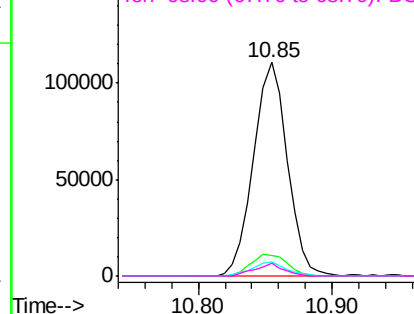
137 9.6 9.2 13.8

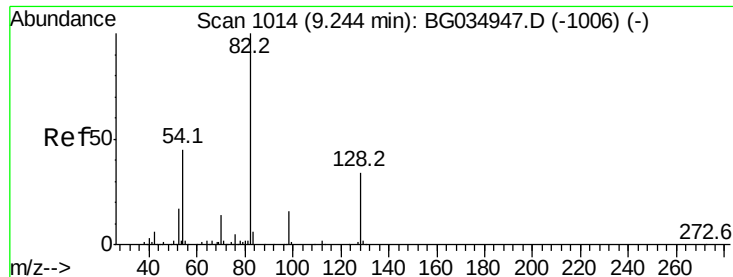
54 6.5 10.3 15.5#

68 6.1 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: 70.683 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035434.D

Acq: 27 Jun 2018 7:15

Instrument :

BNA_G

ClientSampleId :

PB110599BL

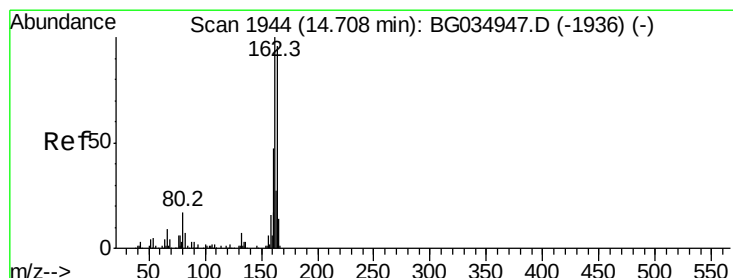
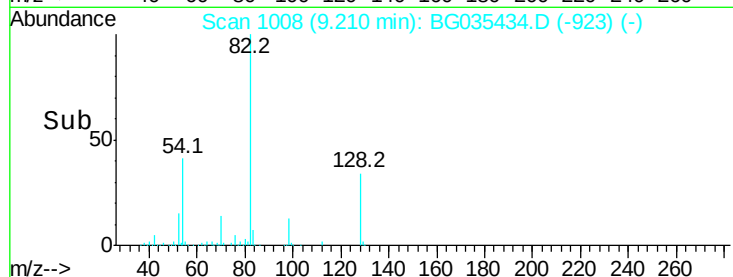
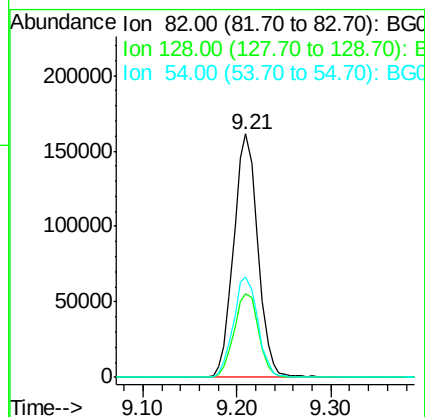
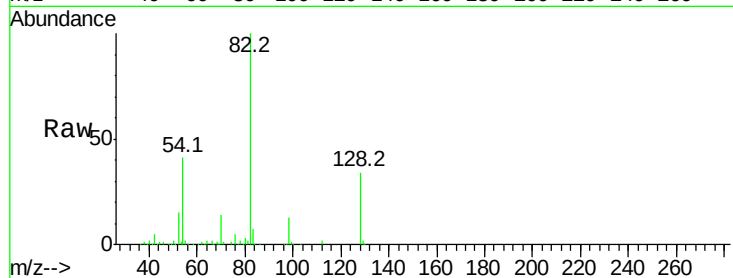
Tot Ion: 82 Resp: 287746

Ion Ratio Lower Upper

82 100

128 34.5 29.7 44.5

54 41.1 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: BG035434.D

Acq: 27 Jun 2018 7:15

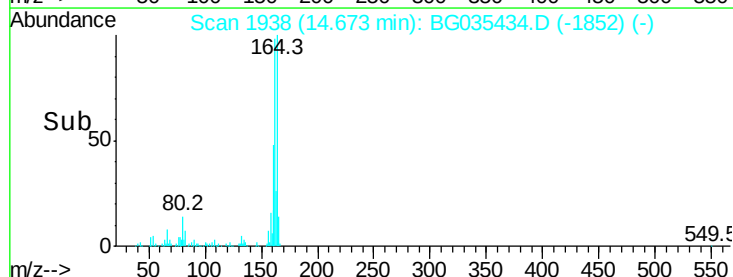
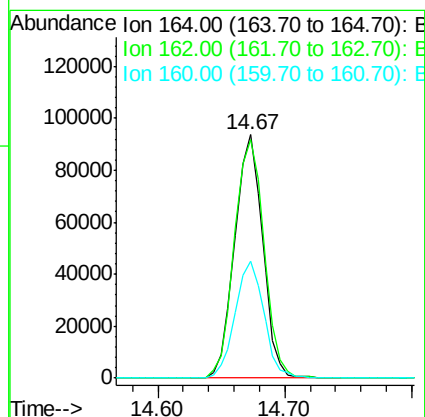
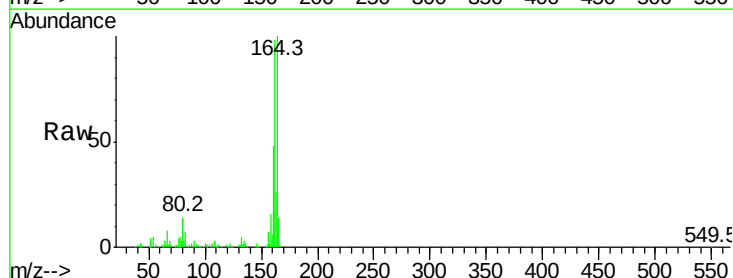
Tgt Ion: 164 Resp: 142705

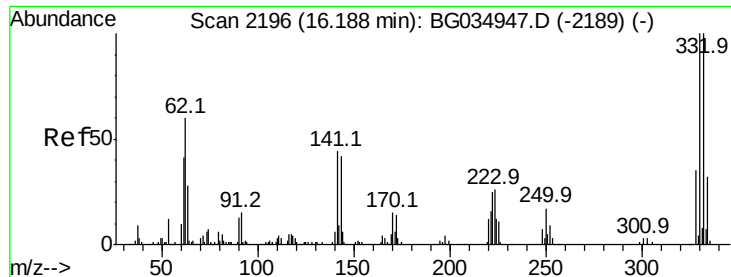
Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

160 47.8 35.4 53.0

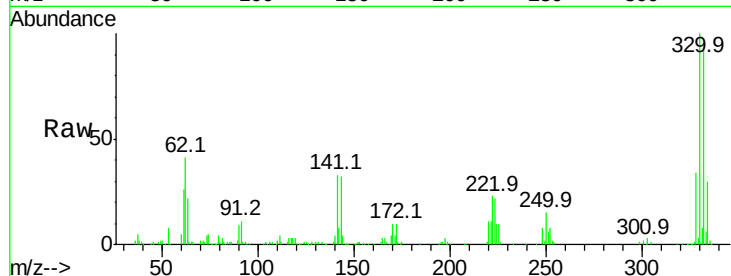




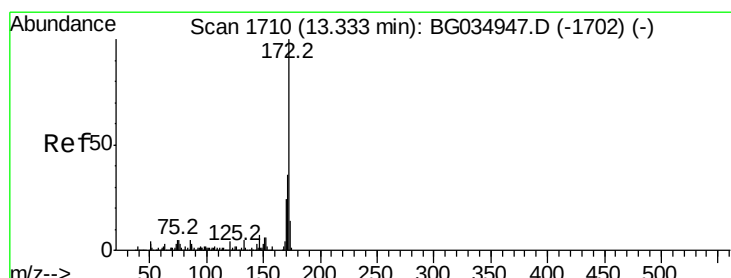
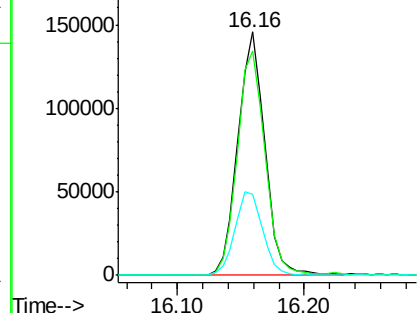
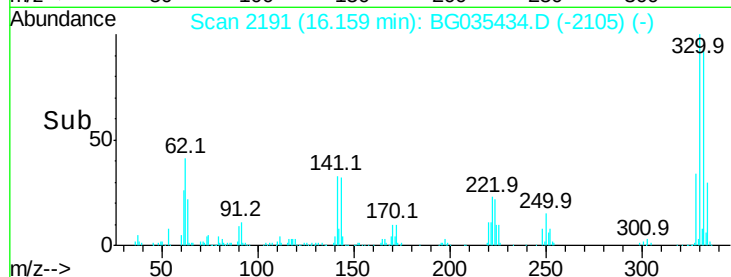
#41
 2,4,6-Tribromophenol
 Concen: 117.276 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Instrument :
 BNA_G
 ClientSampleId :
 PB110599BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.4	25.2	37.8

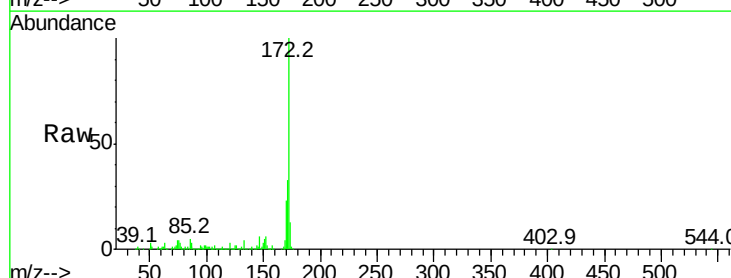


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

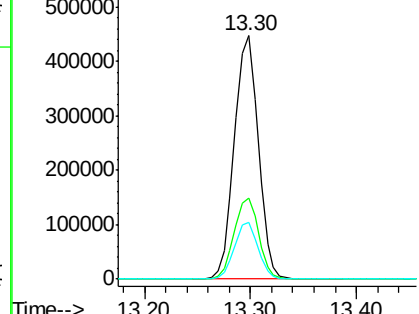
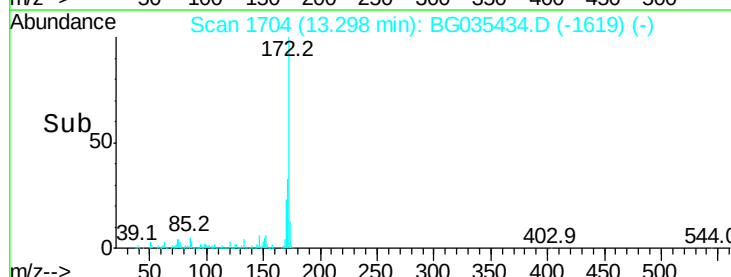


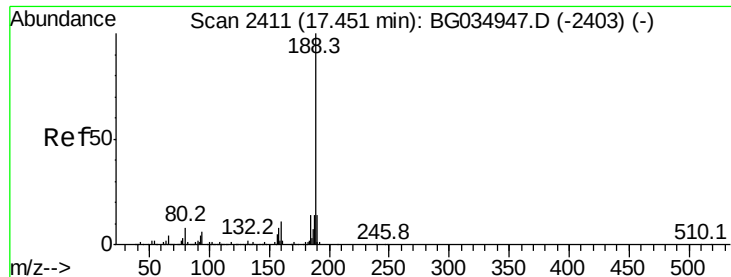
#44
 2-Fluorobiphenyl
 Concen: 63.844 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	30.0	45.0
170	23.4	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

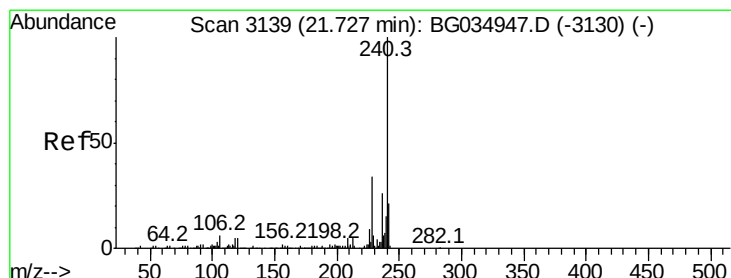
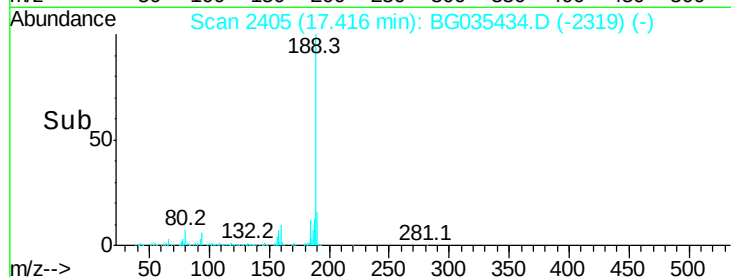
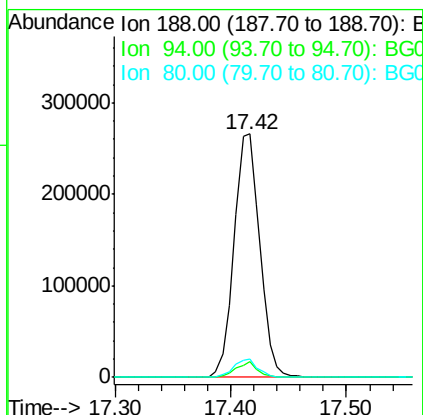
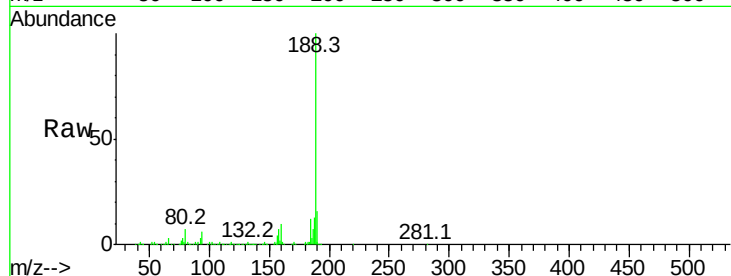




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035434.D
Acq: 27 Jun 2018 7:15

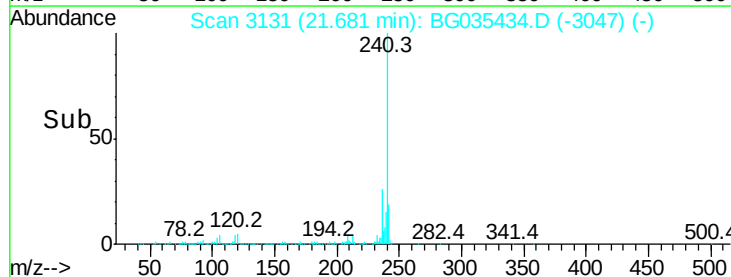
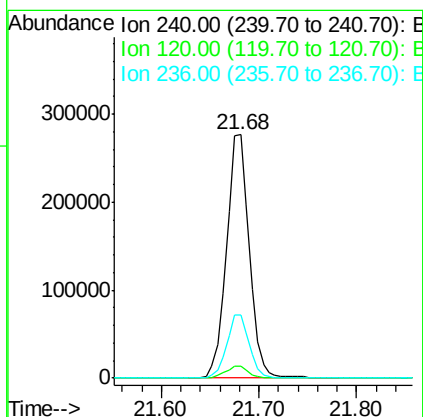
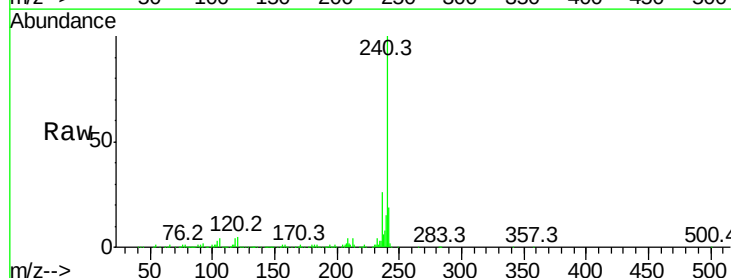
Instrument :
BNA_G
ClientSampleId :
PB110599BL

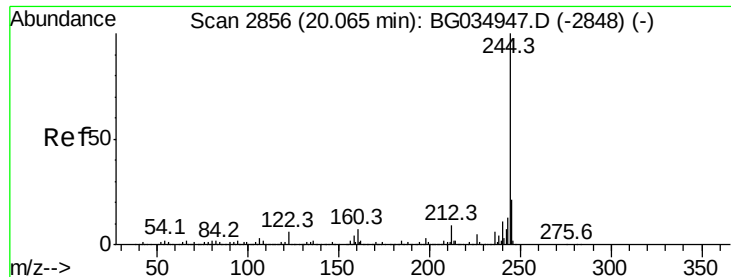
Tot Ion:188 Resp: 410397
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035434.D
Acq: 27 Jun 2018 7:15

Tgt Ion:240 Resp: 448428
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 63.079 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035434.D

Acq: 27 Jun 2018 7:15

Instrument :

BNA_G

ClientSampleId :

PB110599BL

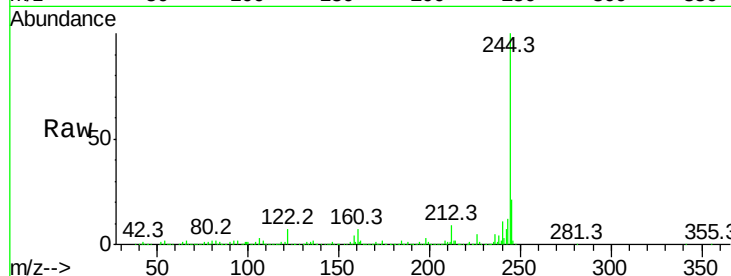
Tot Ion:244 Resp: 1350386

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

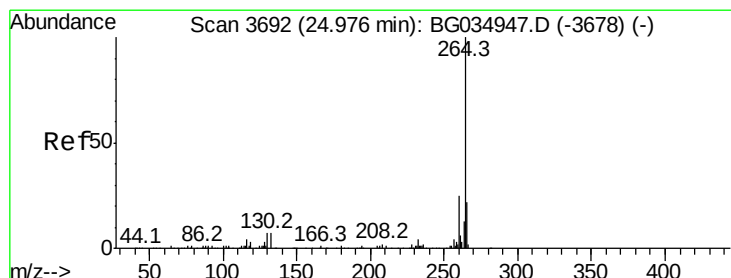
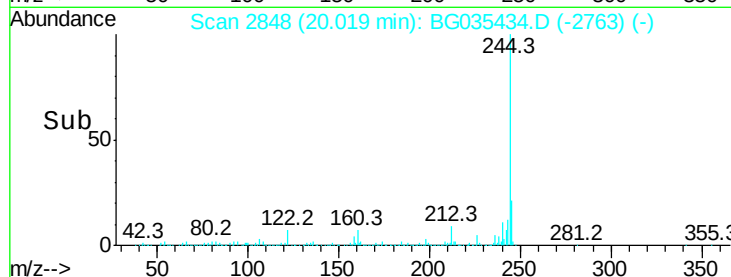
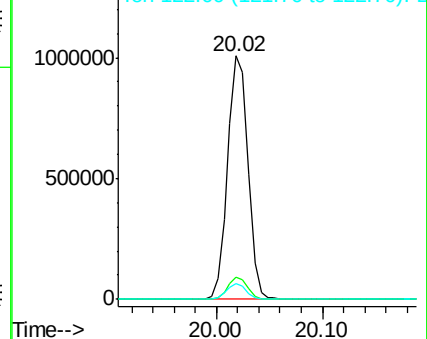
122 6.7 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035434.D

Acq: 27 Jun 2018 7:15

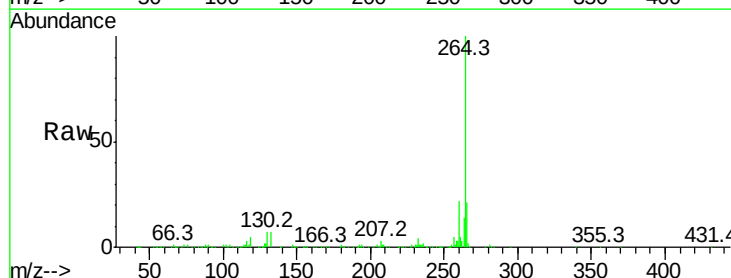
Tgt Ion:264 Resp: 410153

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.7 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

