

Data File : BG035273.D
Acq On : 20 Jun 2018 19:34
Operator : SJ/JU
Sample : J3249-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-D

Quant Time: Jun 21 05:46:30 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	8.06	152	55675	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	195807	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128370	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	370923	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	395199	20.00	ng	-0.03
86) Perylene-d12	24.91	264	190145	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414239	125.56	ng	0.00
7) Phenol-d6	7.22	99	522023	107.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	424263	102.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	295670	179.92	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	958715	97.09	ng	-0.02
78) Terphenyl-d14	20.03	244	1746473	92.57	ng	-0.02

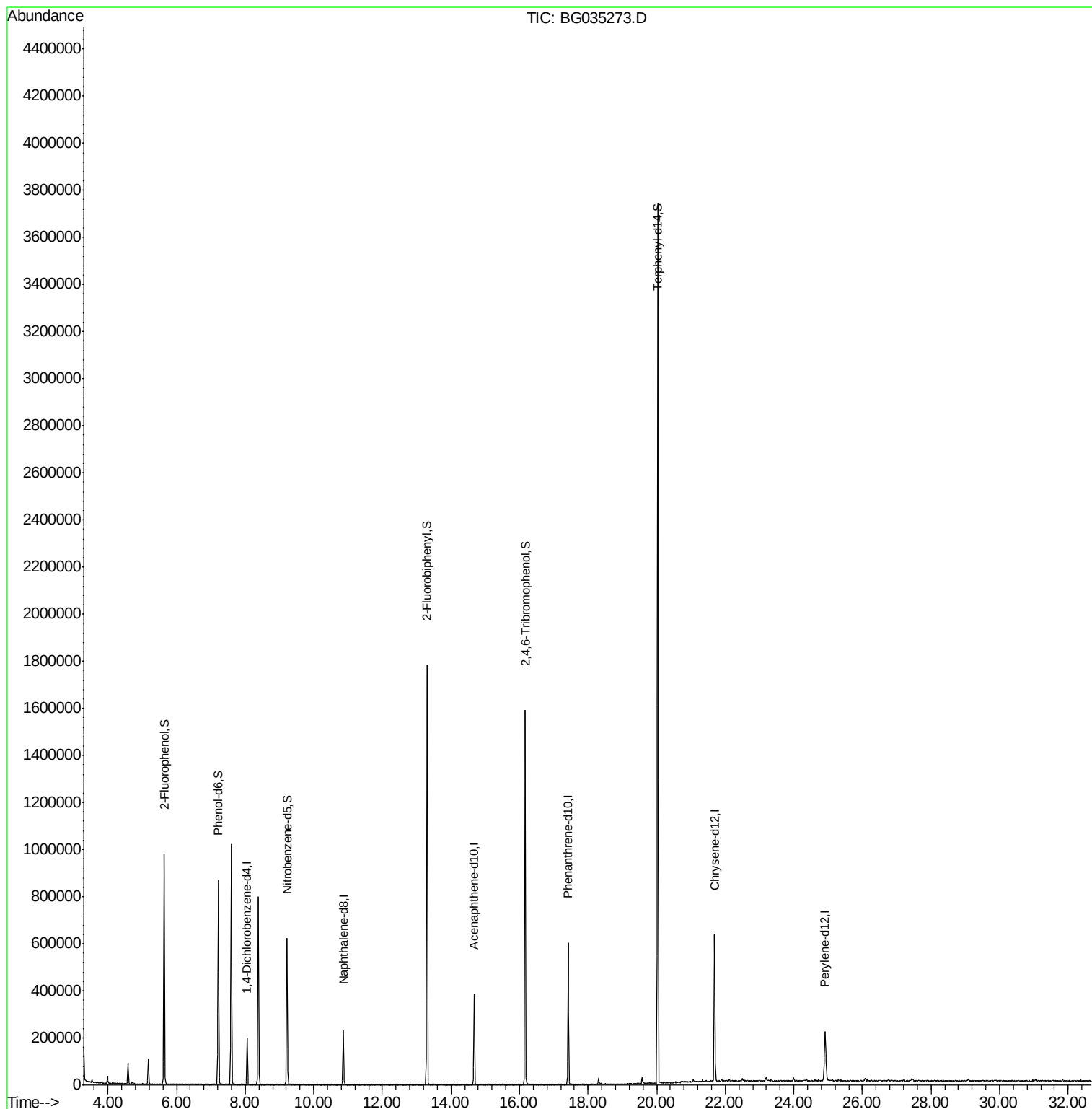
Target Compounds Qvalue

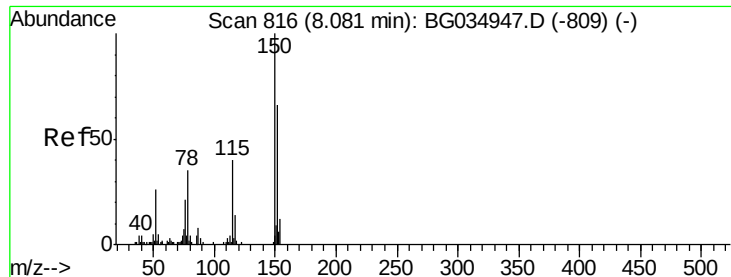
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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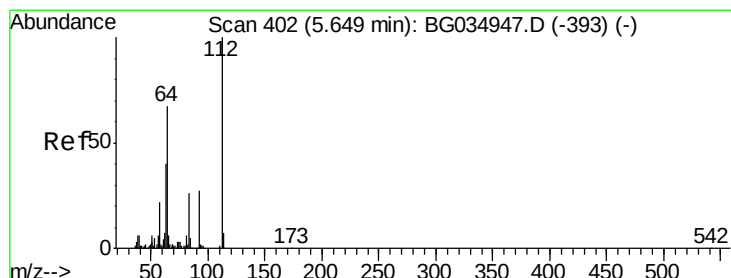
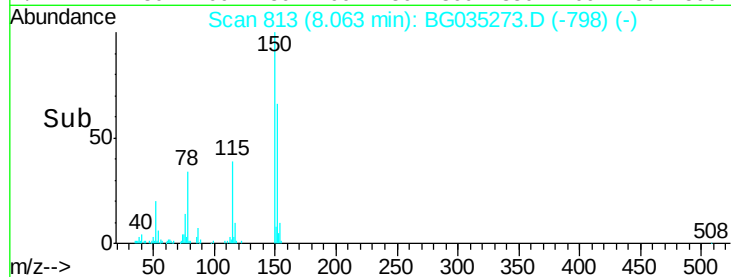
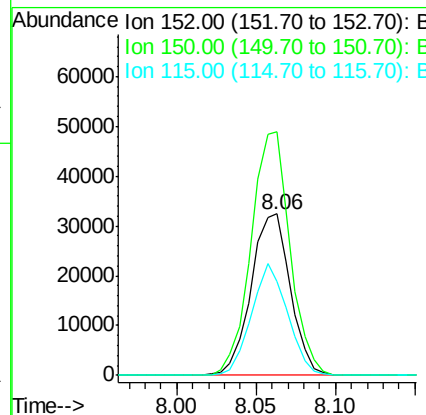
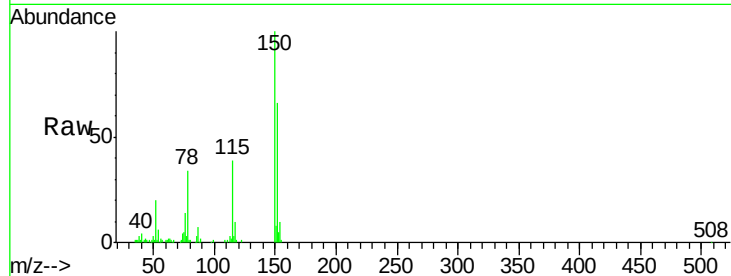


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PL-01-061818-D

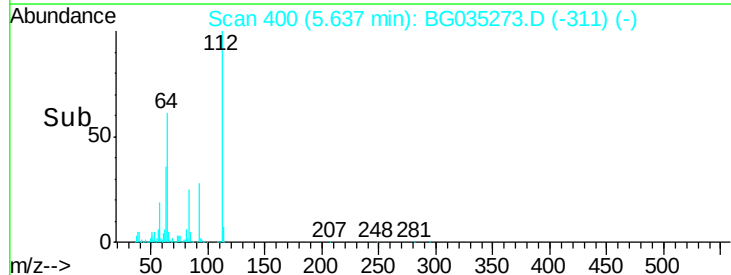
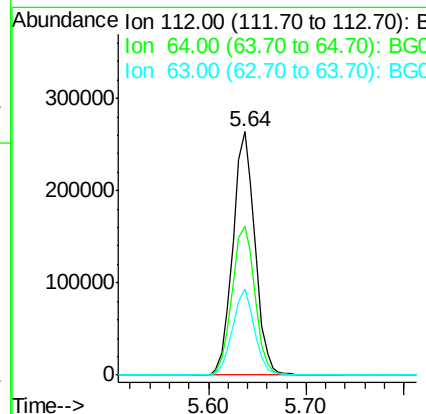
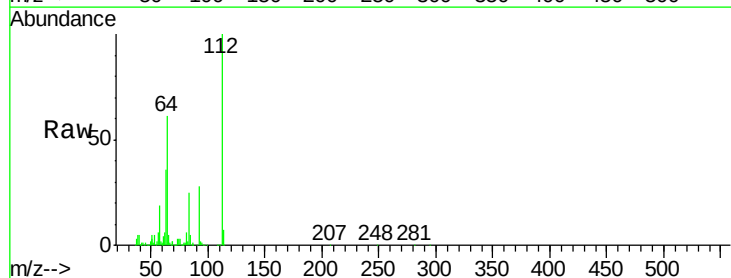
Tgt Ion:152 Resp: 55675
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 58.2 53.0 79.4

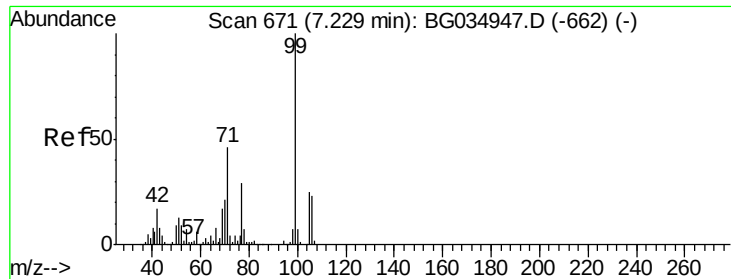


#5

2-Fluorophenol
Concen: 125.563 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Tgt Ion:112 Resp: 414239
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 107.209 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-D

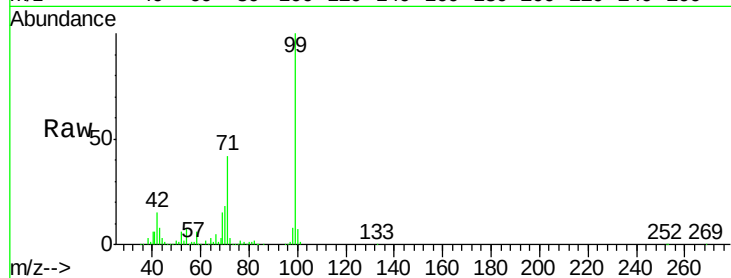
Tgt Ion: 99 Resp: 522023

Ion Ratio Lower Upper

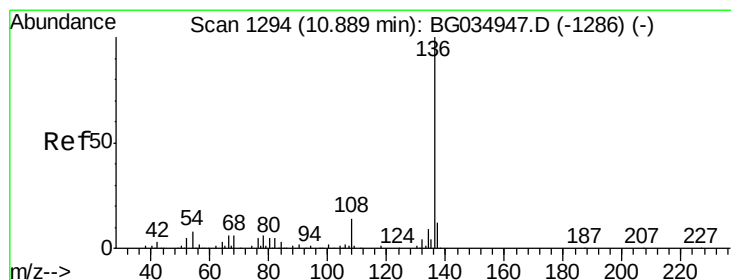
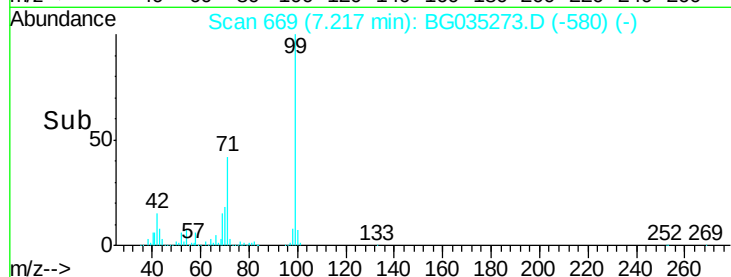
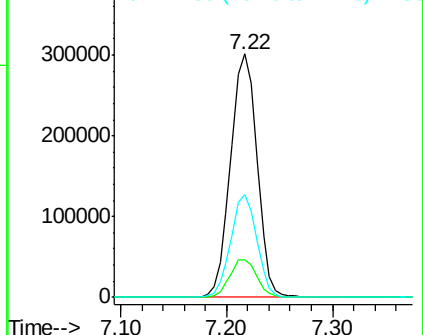
99 100

42 15.4 14.1 21.1

71 42.4 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Tgt Ion: 136 Resp: 195807

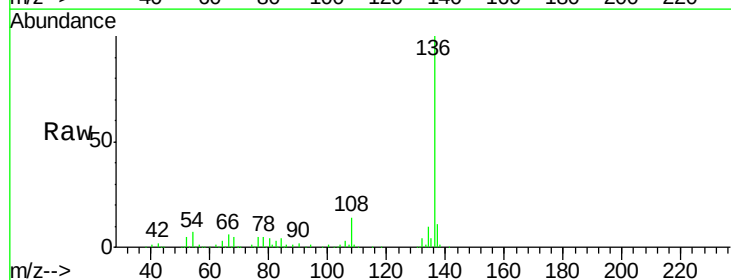
Ion Ratio Lower Upper

136 100

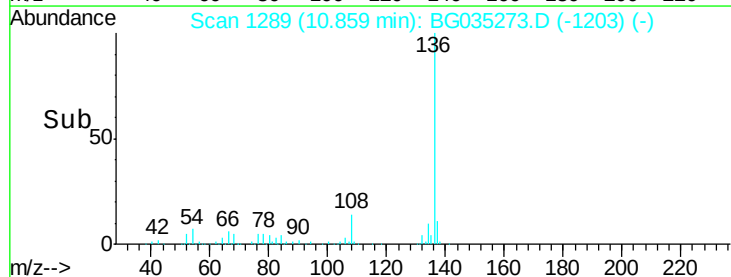
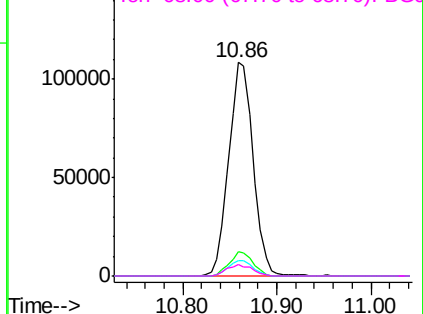
137 11.3 9.2 13.8

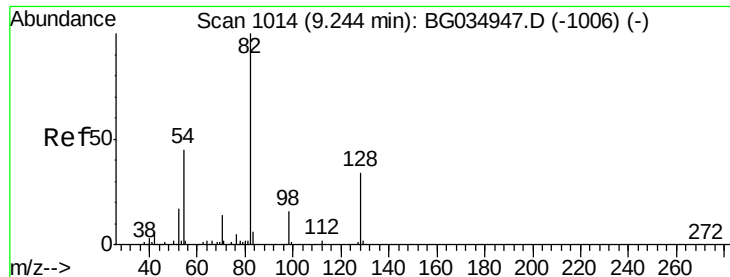
54 7.1 10.3 15.5#

68 5.1 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

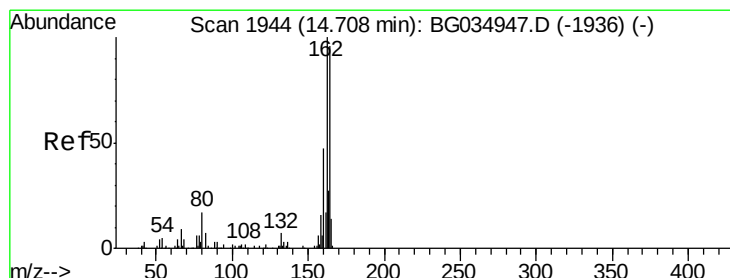
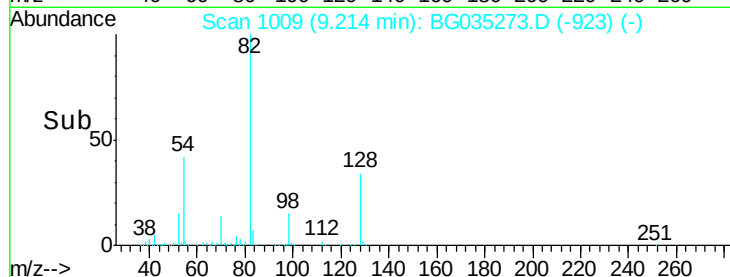
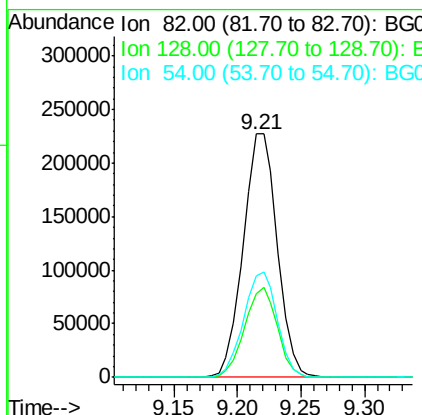
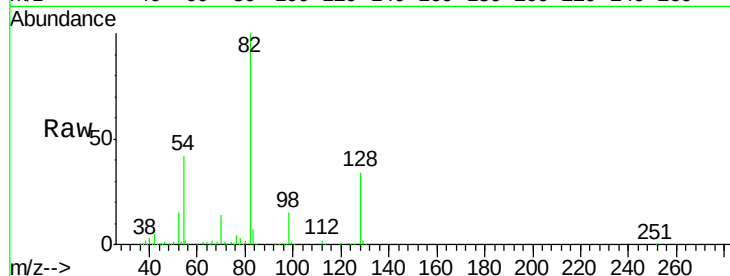




#23
 Nitrobenzene-d5
 Concen: 102.995 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

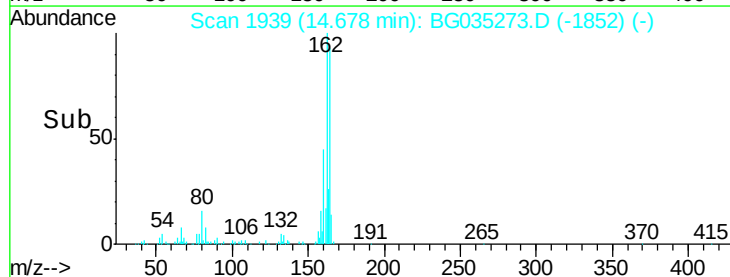
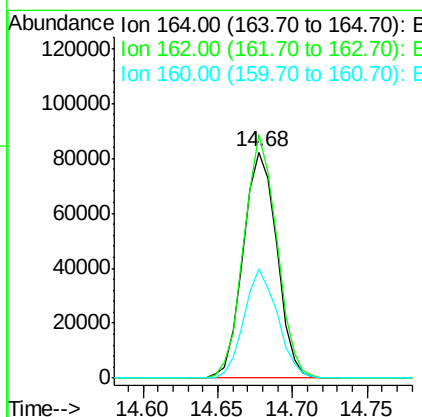
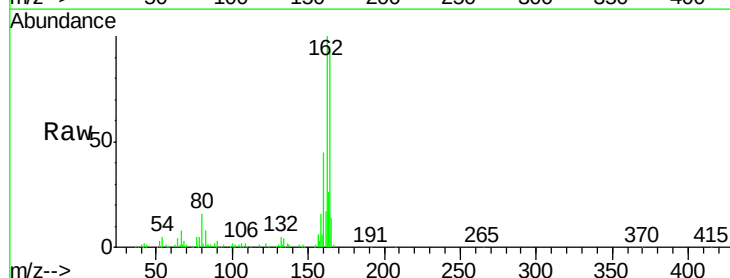
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-061818-D

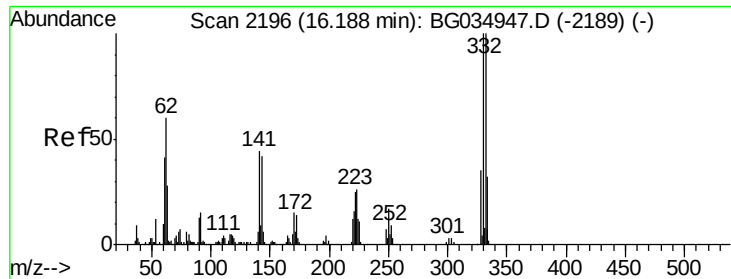
Tgt Ion: 82 Resp: 424263
 Ion Ratio Lower Upper
 82 100
 128 34.2 29.7 44.5
 54 41.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

Tgt Ion: 164 Resp: 128370
 Ion Ratio Lower Upper
 164 100
 162 107.9 78.8 118.2
 160 48.5 35.4 53.0

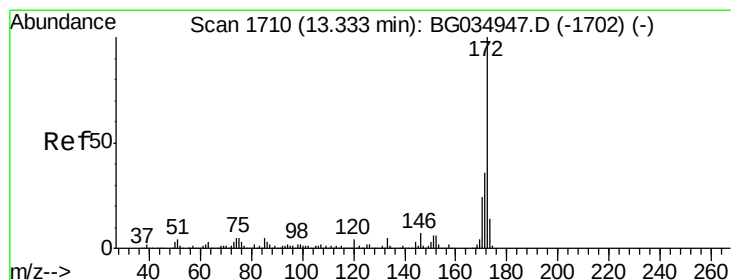
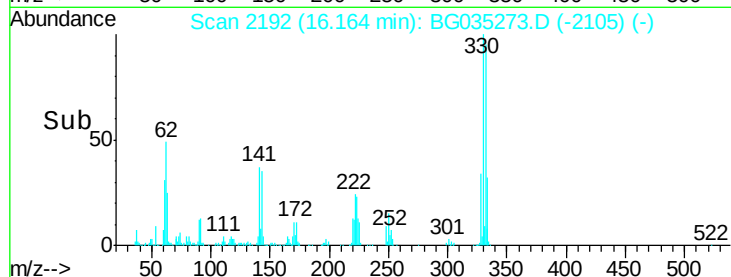
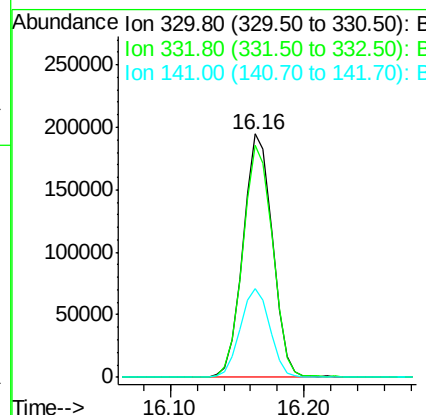
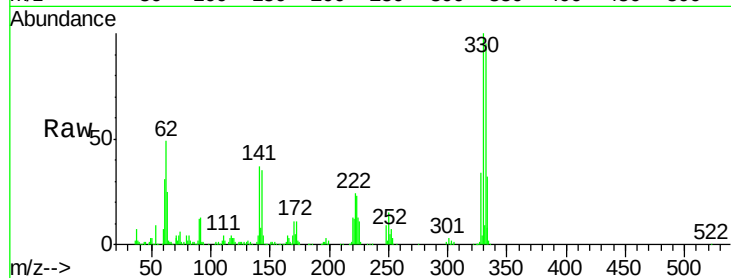




#41
 2,4,6-Tribromophenol
 Concen: 179.925 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

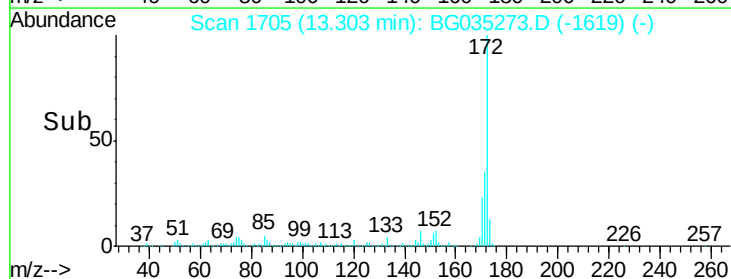
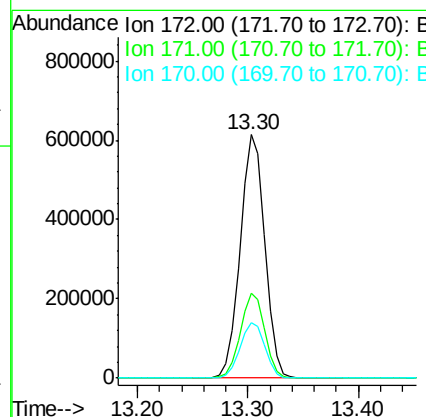
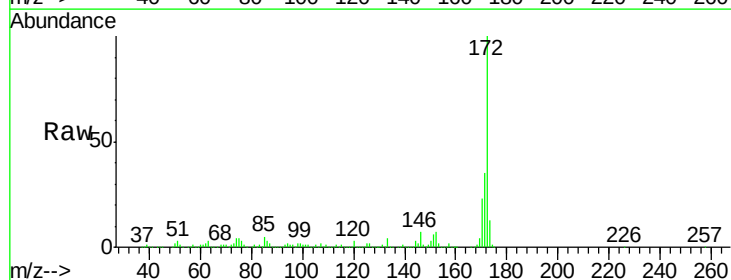
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-061818-D

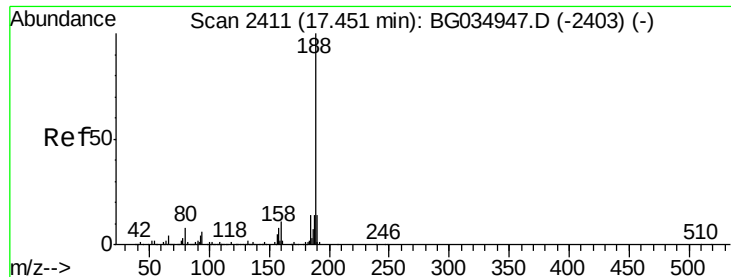
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.089 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-D

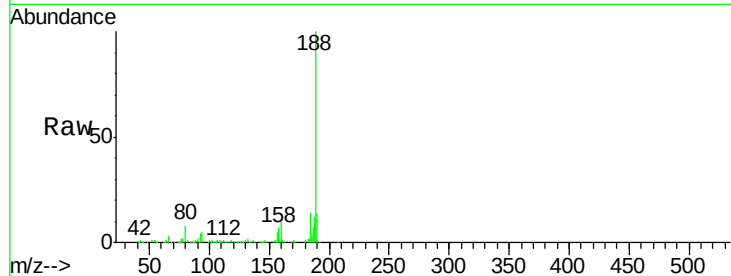
Tgt Ion:188 Resp: 370923

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

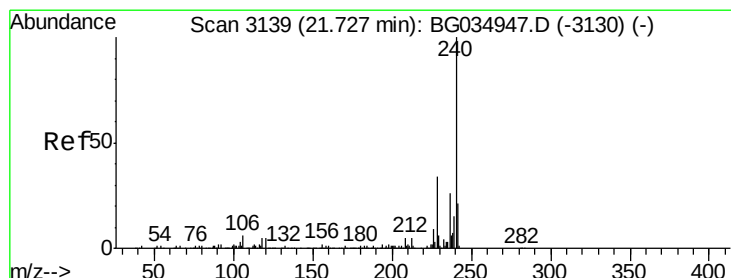
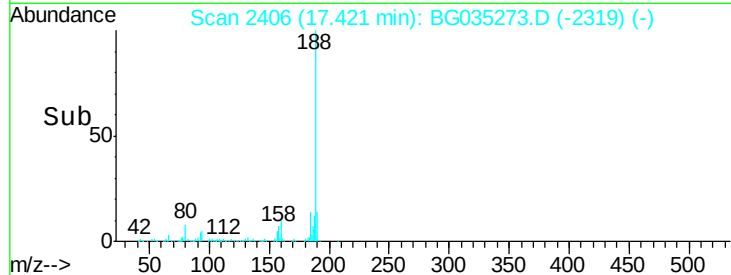
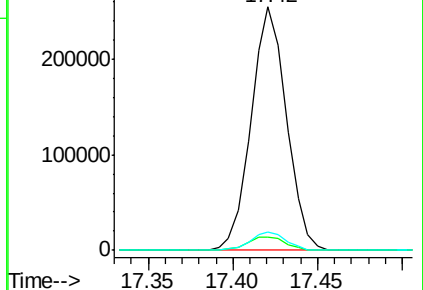
80 7.6 7.7 11.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

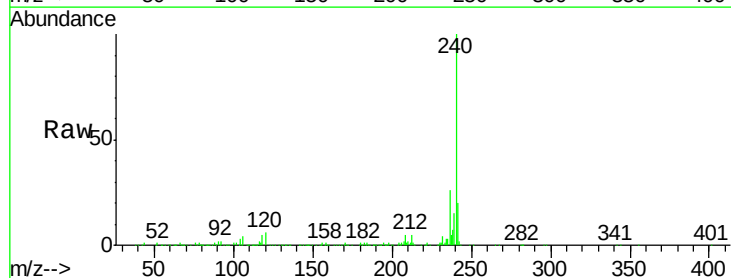
Tgt Ion:240 Resp: 395199

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

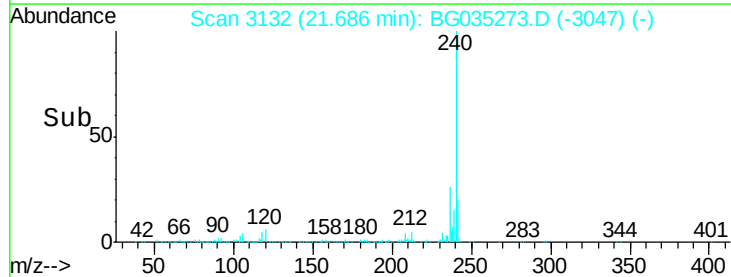
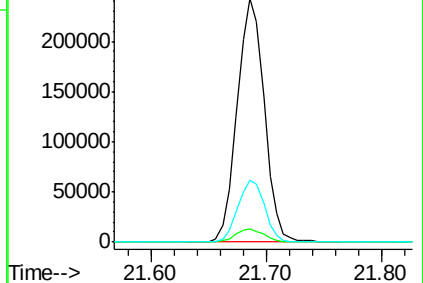
236 25.6 20.9 31.3

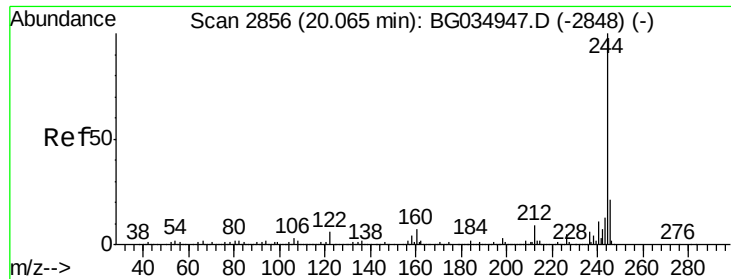


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.568 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-D

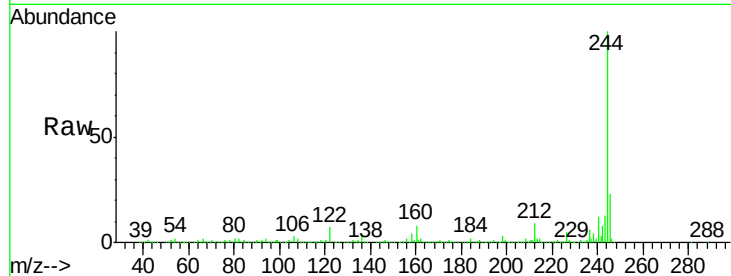
Tgt Ion:244 Resp: 1746473

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

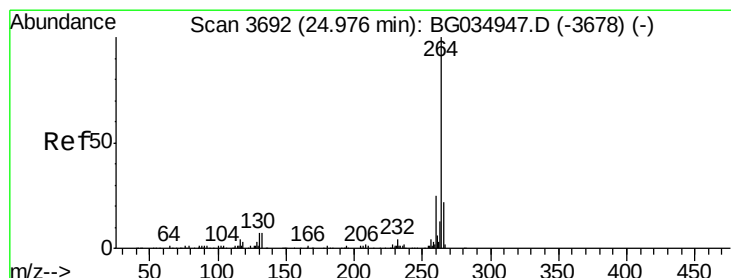
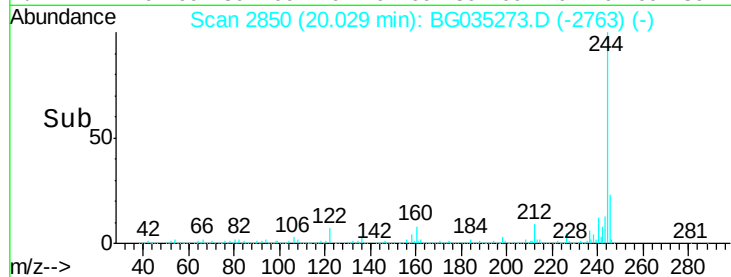
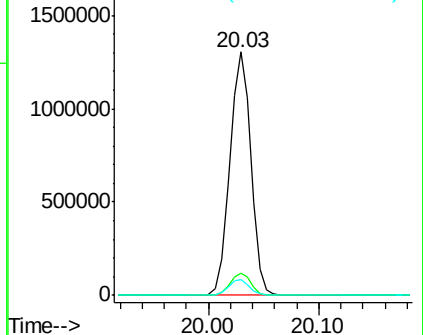
122 6.7 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

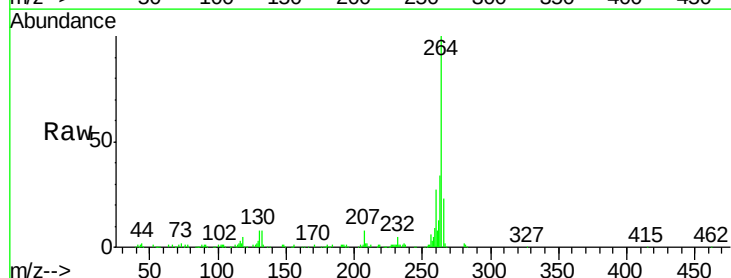
Tgt Ion:264 Resp: 190145

Ion Ratio Lower Upper

264 100

260 27.5 17.4 26.0#

265 23.3 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

