

Data File : BG035274.D
Acq On : 20 Jun 2018 20:13
Operator : SJ/JU
Sample : J3249-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 21 05:47:12 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	56520	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	201587	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	132318	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	372296	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	414614	20.00	ng	-0.03
86) Perylene-d12	24.91	264	389615	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448488	133.91	ng	0.00
7) Phenol-d6	7.22	99	567346	114.78	ng	0.00
23) Nitrobenzene-d5	9.22	82	442393	104.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	307987	181.83	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	975835	95.87	ng	-0.02
78) Terphenyl-d14	20.03	244	1812050	91.55	ng	-0.02

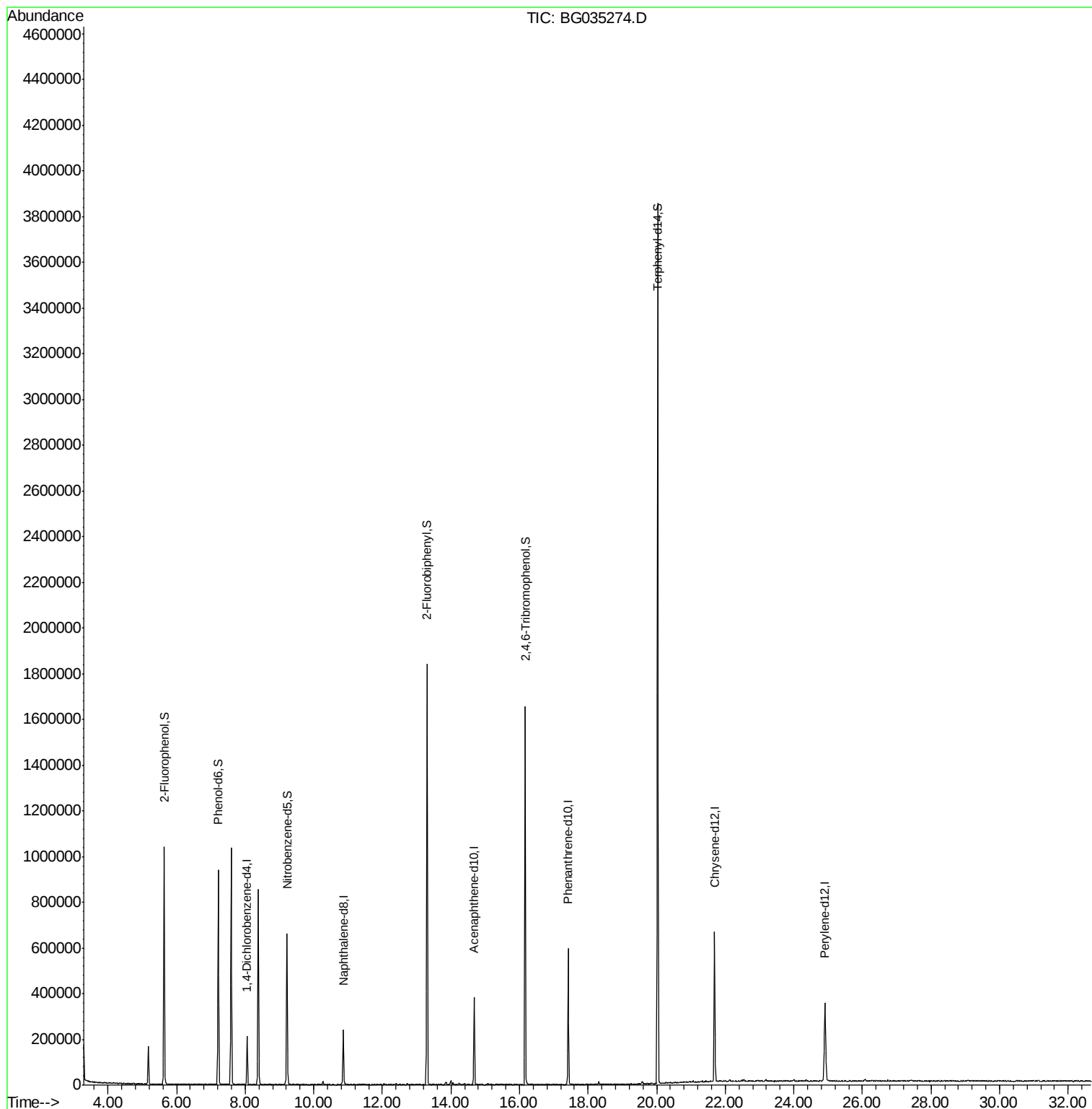
Target Compounds	Qvalue
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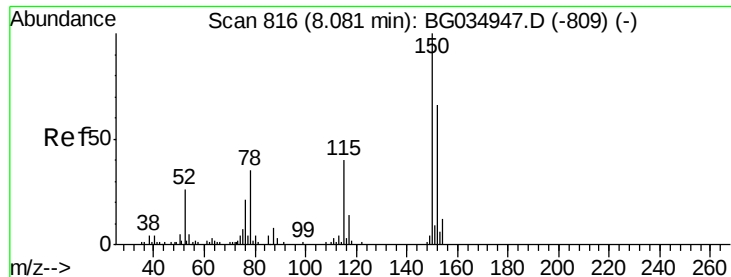
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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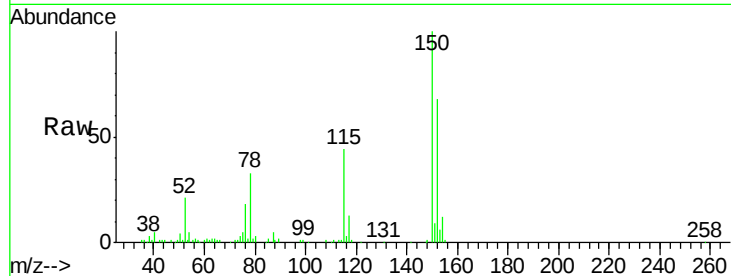


#1

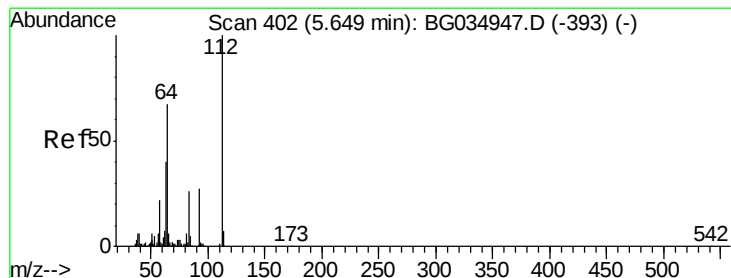
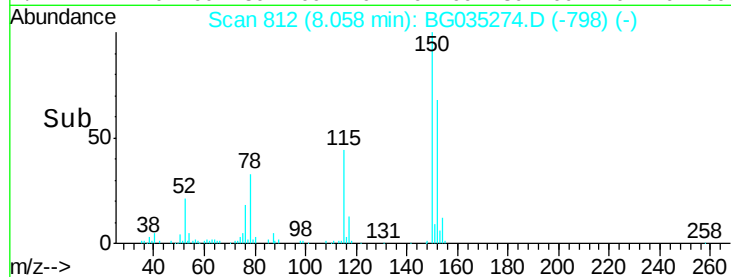
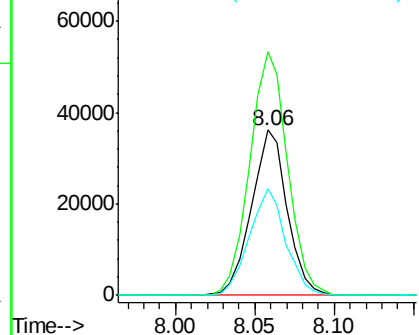
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

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

Tgt Ion:152 Resp: 56520
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 64.3 53.0 79.4



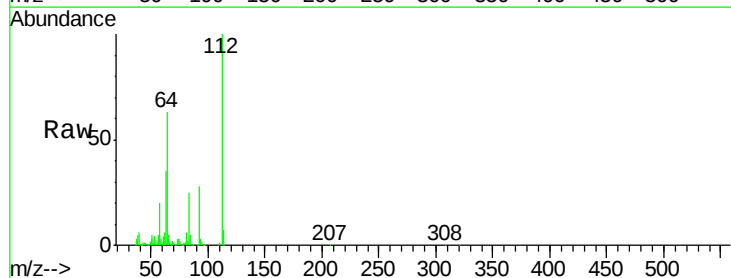
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



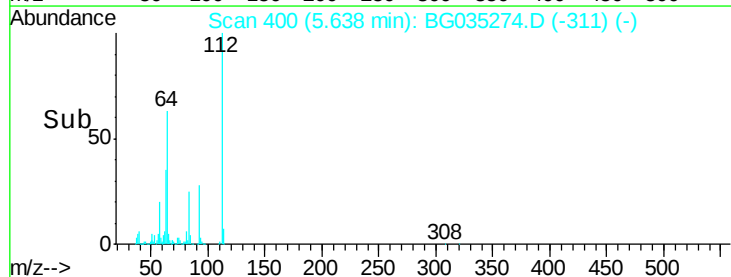
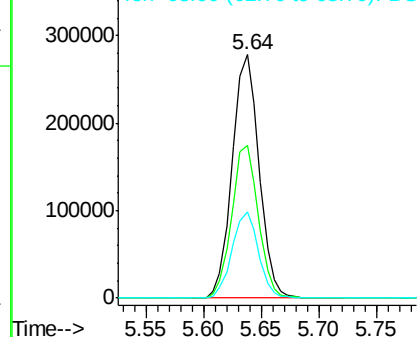
#5

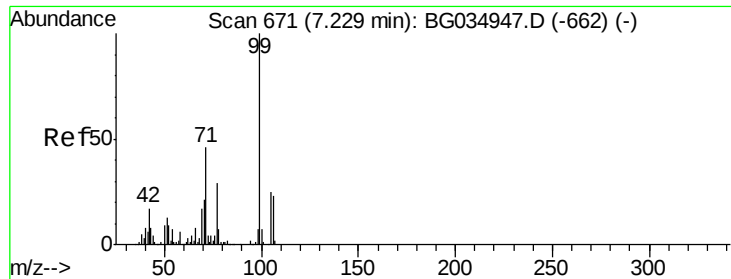
2-Fluorophenol
Concen: 133.912 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

Tgt Ion:112 Resp: 448488
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 35.4 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: 114.775 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-E

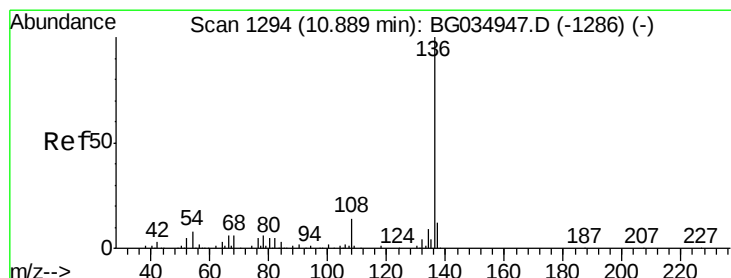
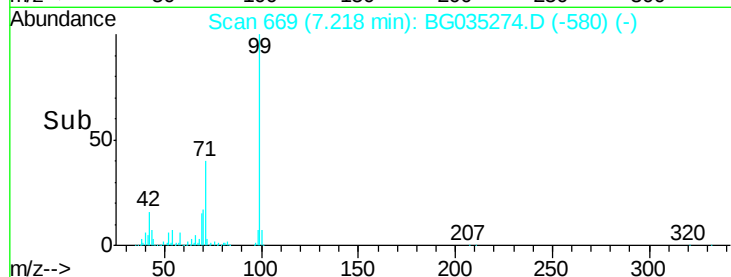
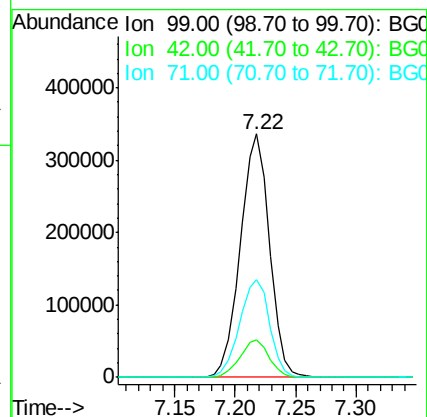
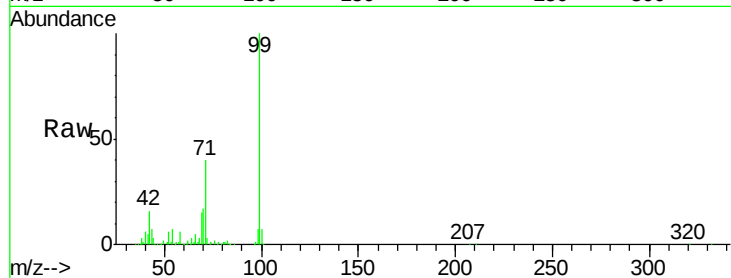
Tgt Ion: 99 Resp: 567346

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 40.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Tgt Ion: 136 Resp: 201587

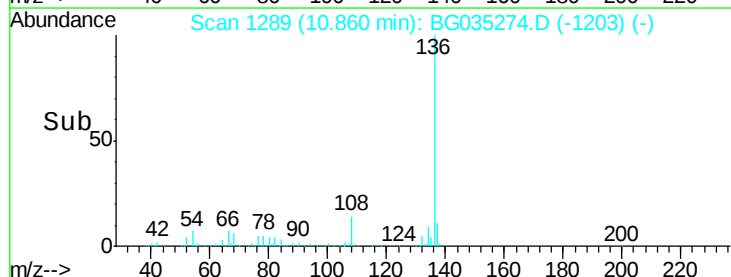
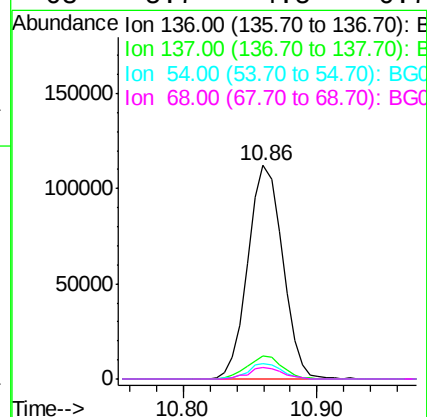
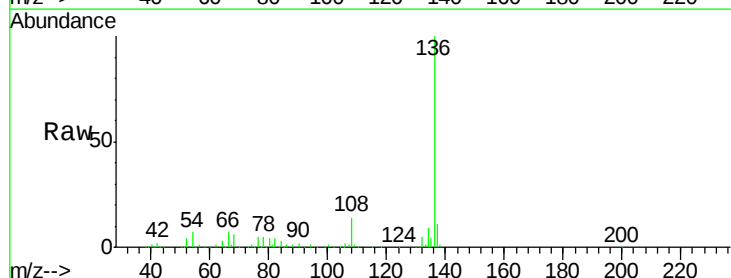
Ion Ratio Lower Upper

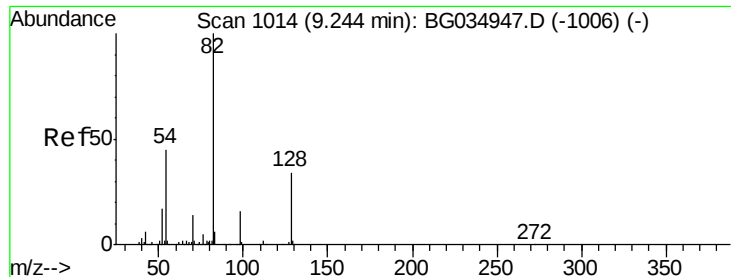
136 100

137 10.9 9.2 13.8

54 7.1 10.3 15.5#

68 5.7 4.5 6.7

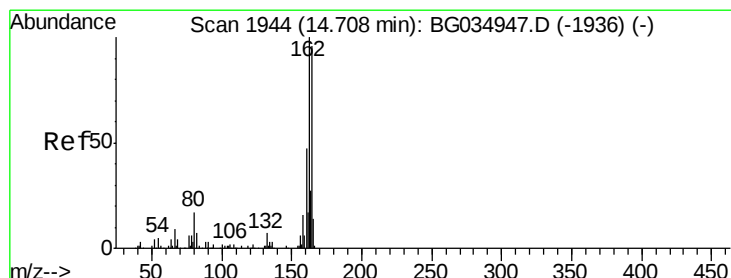
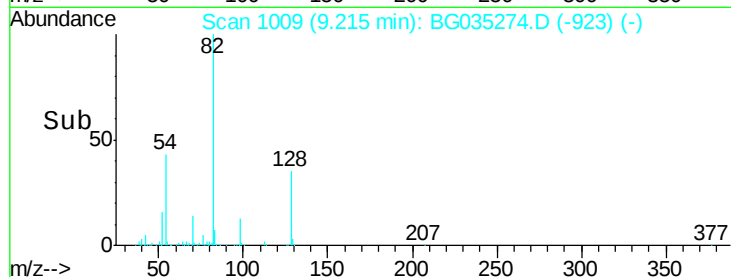
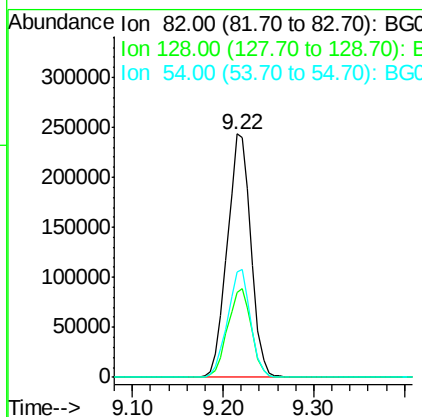
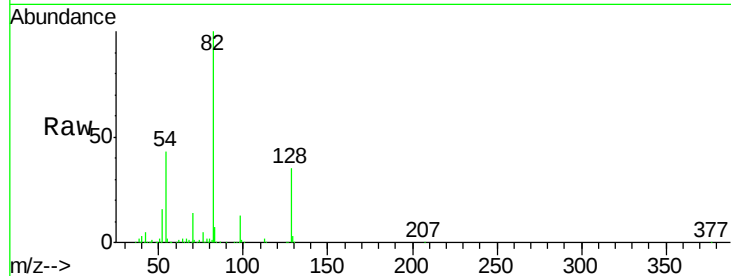




#23
 Nitrobenzene-d5
 Concen: 104.317 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

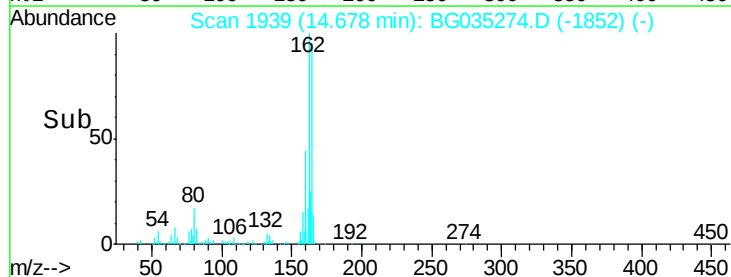
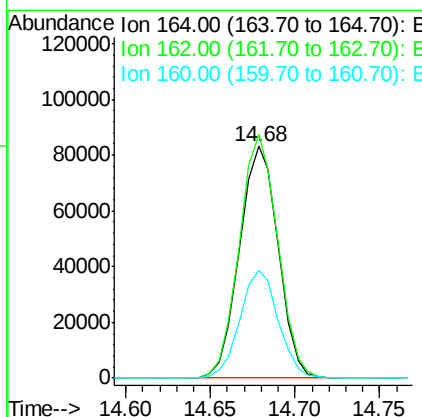
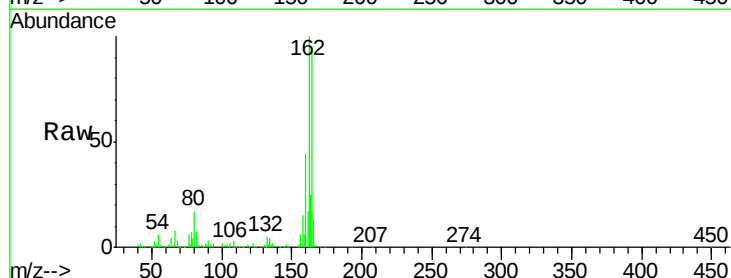
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-061818-E

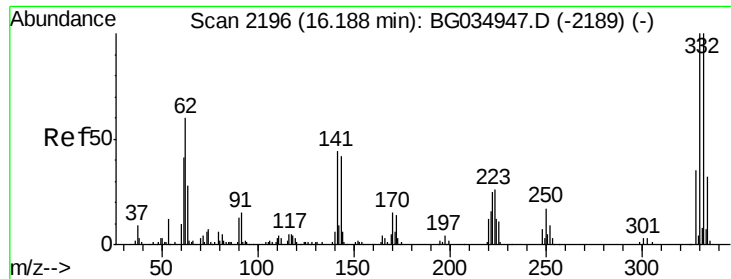
Tgt Ion: 82 Resp: 442393
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 43.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

Tgt Ion: 164 Resp: 132318
 Ion Ratio Lower Upper
 164 100
 162 105.0 78.8 118.2
 160 46.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 181.828 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-E

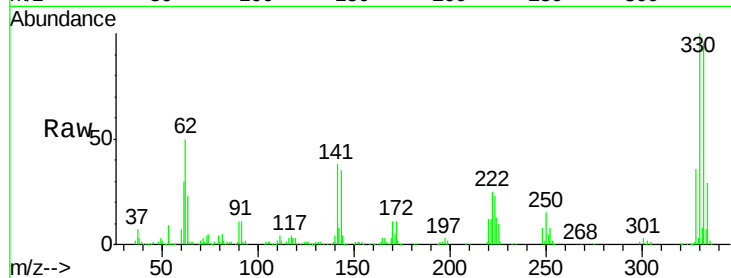
Tgt Ion:330 Resp: 307987

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

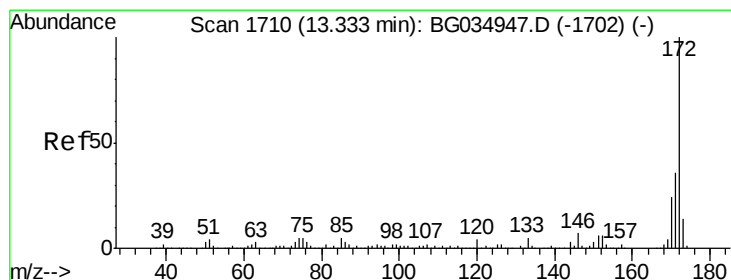
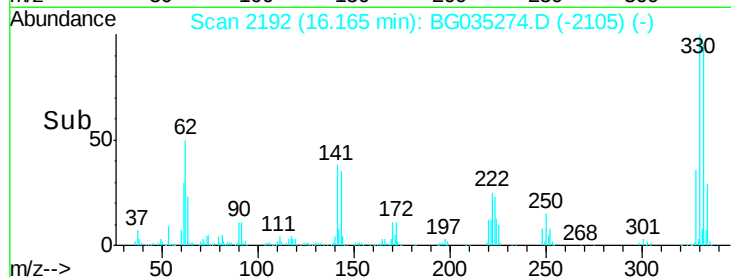
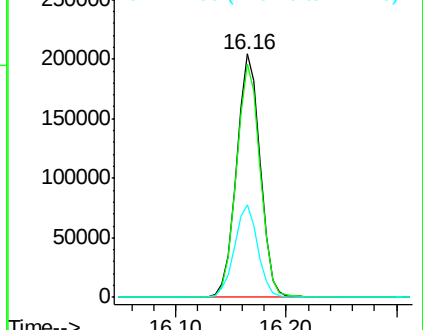
141 37.4 25.2 37.8



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: 95.874 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

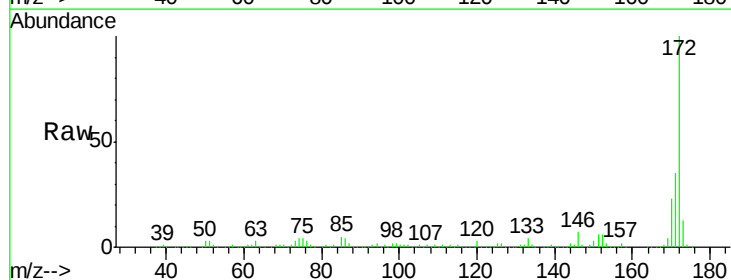
Tgt Ion:172 Resp: 975835

Ion Ratio Lower Upper

172 100

171 35.0 30.0 45.0

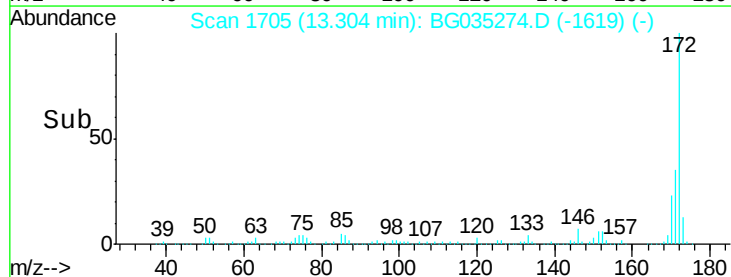
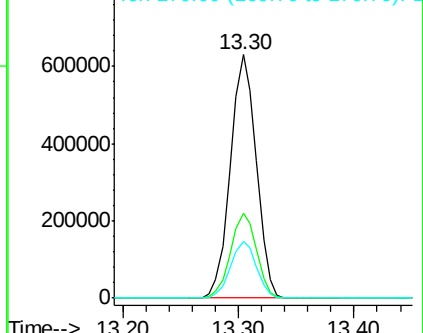
170 23.4 19.5 29.3

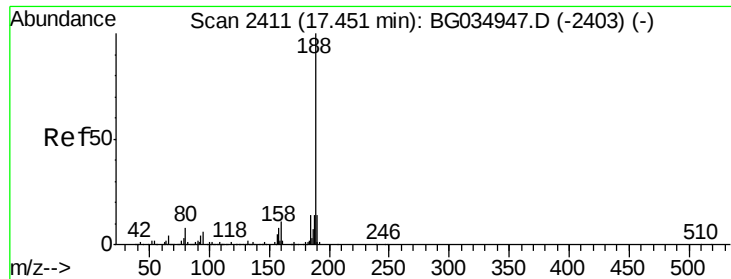


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2406

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-E

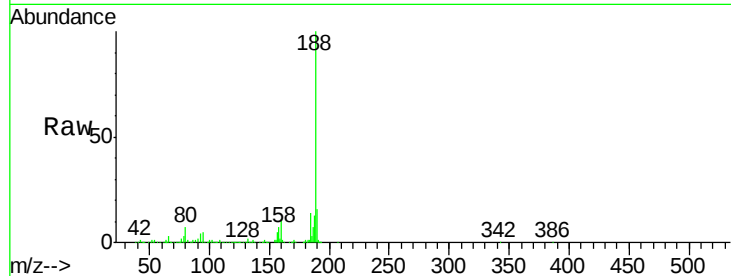
Tgt Ion:188 Resp: 372296

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

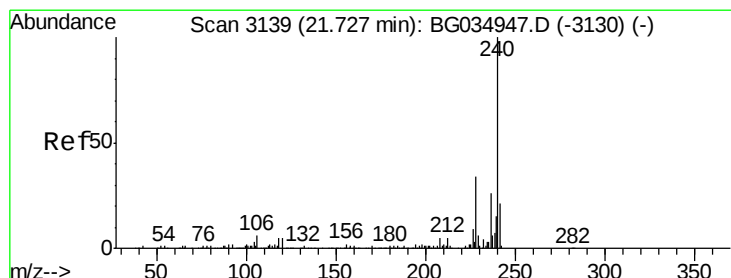
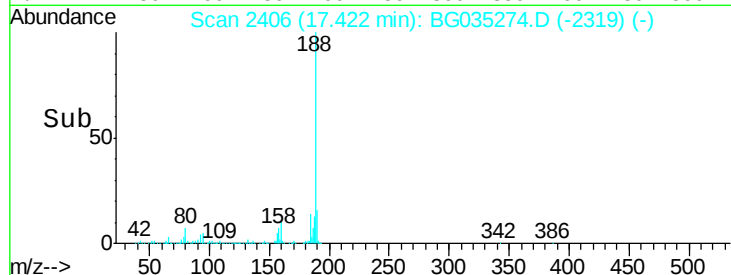
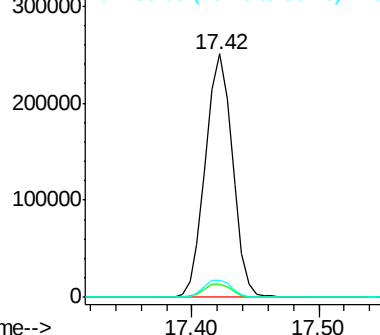
80 7.2 7.7 11.5#



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: BG035274.D

Acq: 20 Jun 2018 20:13

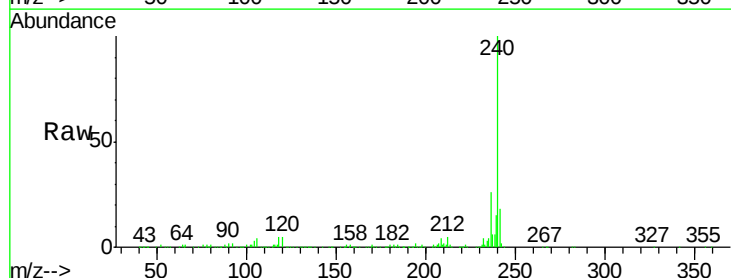
Tgt Ion:240 Resp: 414614

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

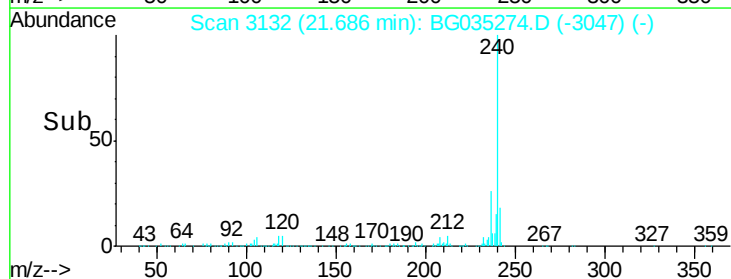
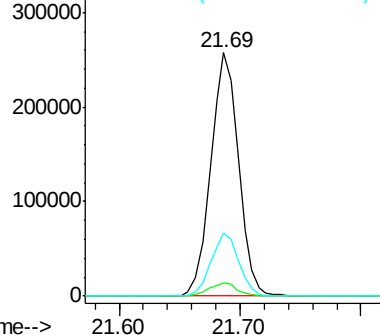
236 25.8 20.9 31.3

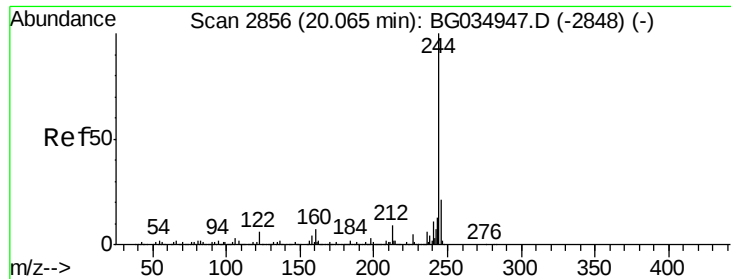


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.547 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PL-01-061818-E

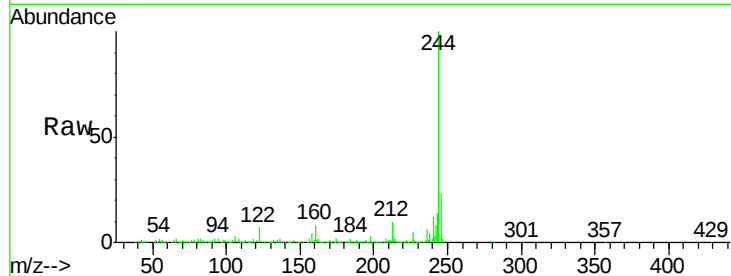
Tgt Ion:244 Resp: 1812050

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

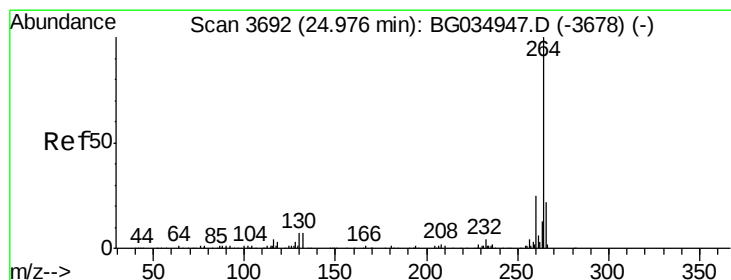
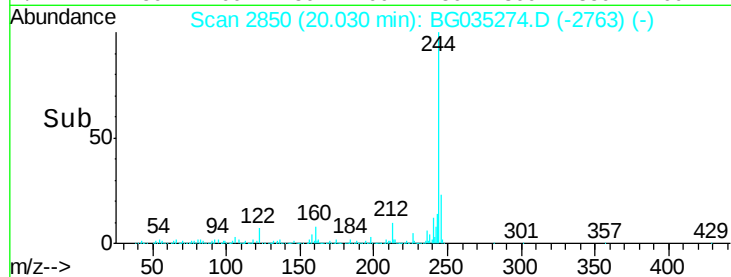
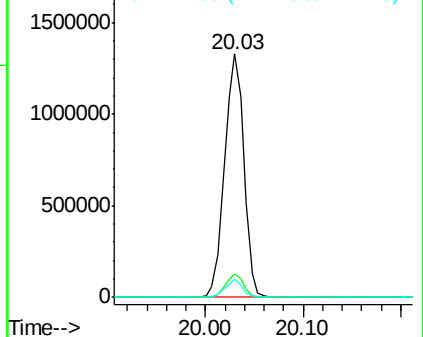
122 7.3 7.0 10.4



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: BG035274.D

Acq: 20 Jun 2018 20:13

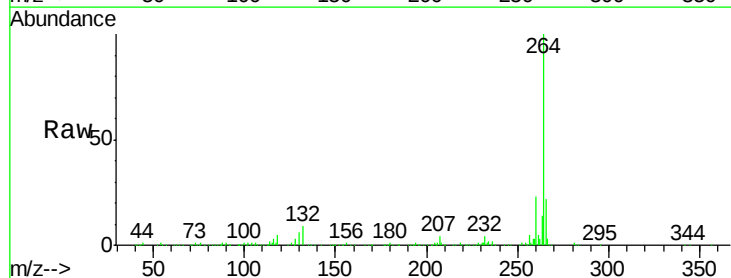
Tgt Ion:264 Resp: 389615

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.3 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

