

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035425.D
 Acq On : 27 Jun 2018 00:43
 Operator : JU/SJ
 Sample : J3695-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Quant Time: Jun 27 03:26:22 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	47464	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	185066	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	130343	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	351298	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	376561	20.00	ng	-0.04
86) Perylene-d12	24.90	264	373987	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210792	74.95	ng	-0.01
7) Phenol-d6	7.21	99	266561	64.21	ng	-0.01
23) Nitrobenzene-d5	9.21	82	279117	71.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	188674	113.08	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	608821	60.72	ng	-0.03
78) Terphenyl-d14	20.02	244	1162296	64.65	ng	-0.03

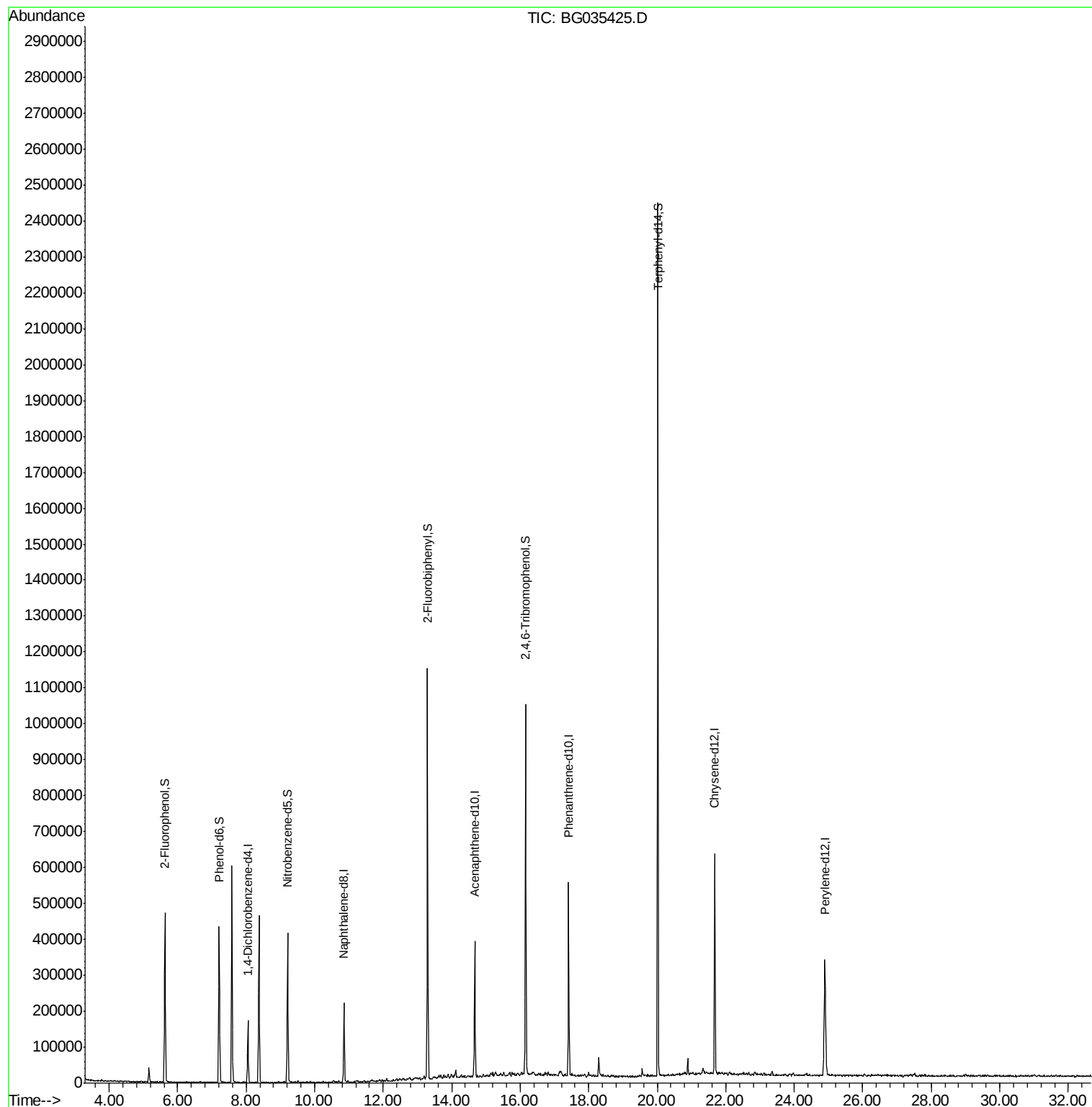
Target Compounds Qvalue

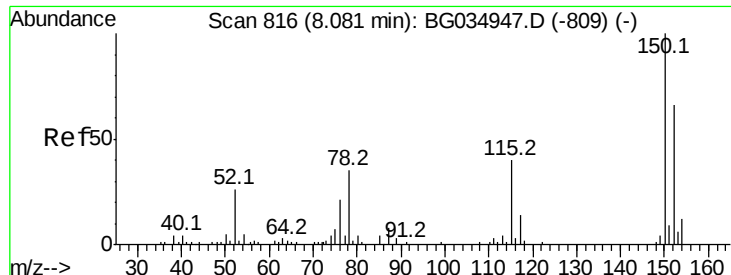
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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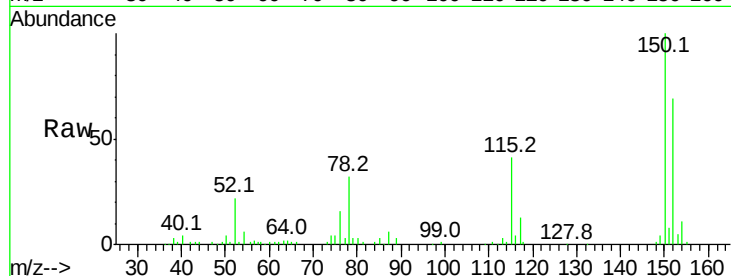


#1

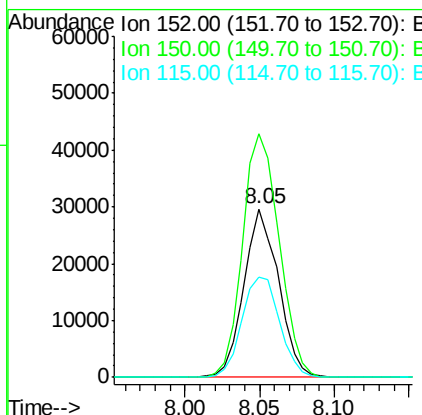
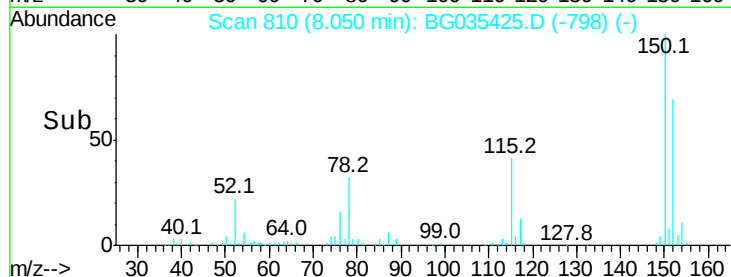
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	126.6	189.8
115	59.3	53.0	79.4



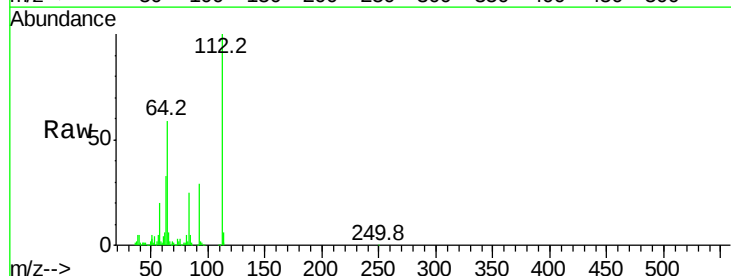
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



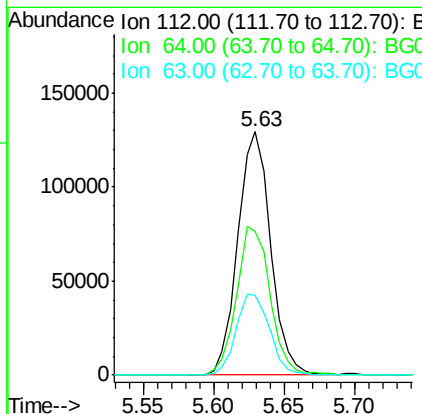
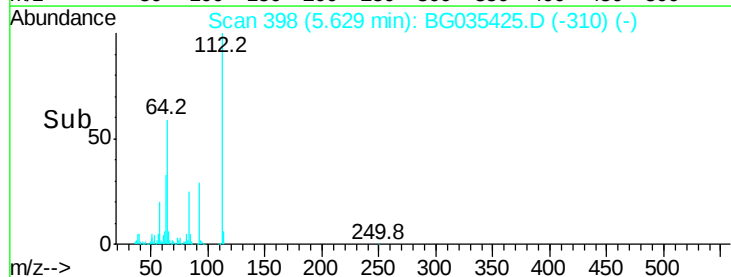
#5

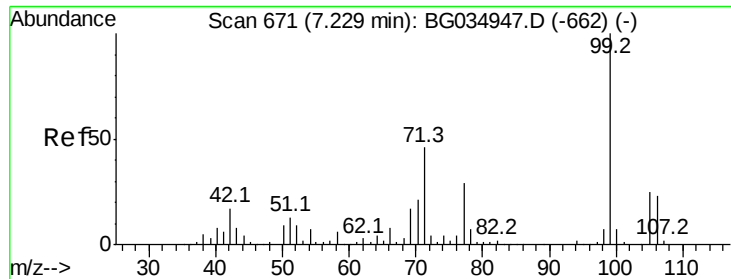
2-Fluorophenol
 Concen: 74.948 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	56.3	84.5
63	33.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 64.215 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

LIP-22

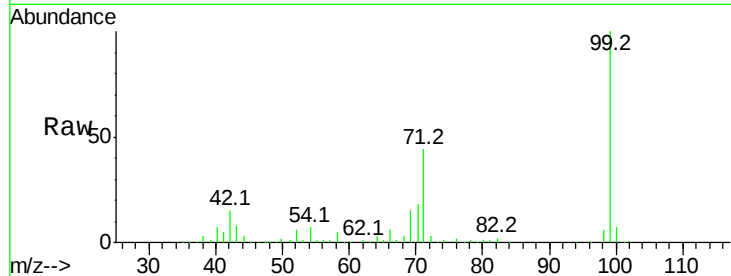
Tot Ion: 99 Resp: 266561

Ion Ratio Lower Upper

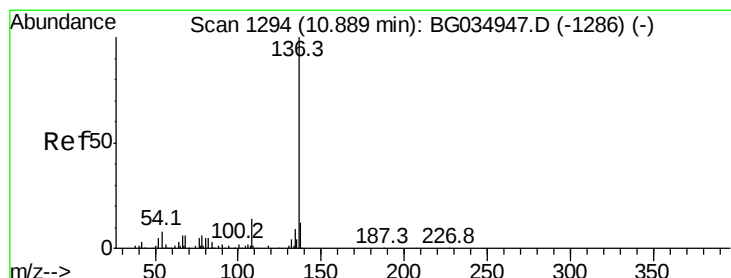
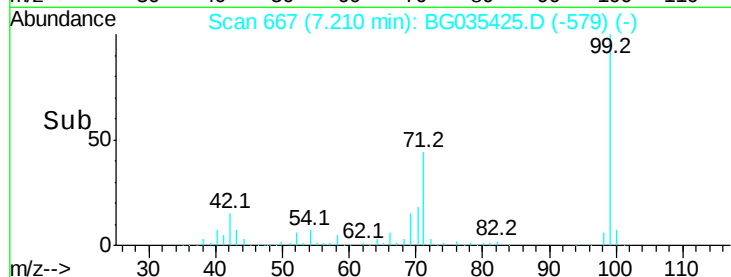
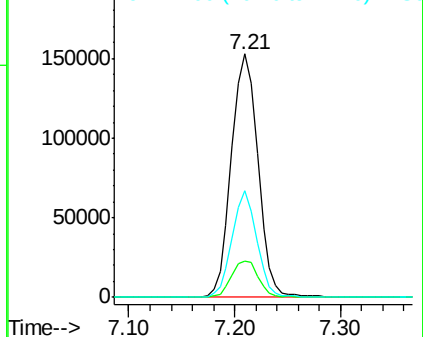
99 100

42 15.0 14.1 21.1

71 43.6 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# 1288

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Tgt Ion: 136 Resp: 185066

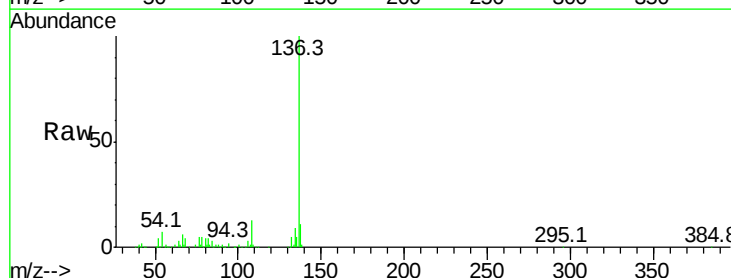
Ion Ratio Lower Upper

136 100

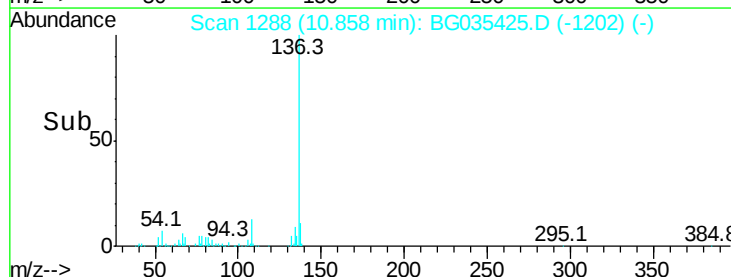
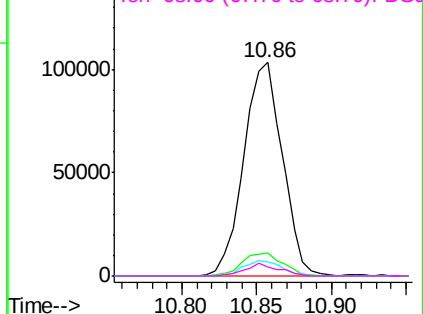
137 11.0 9.2 13.8

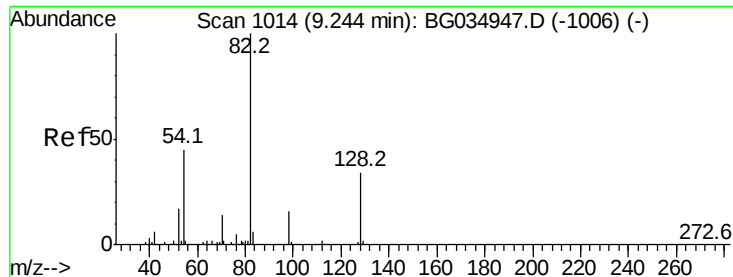
54 6.7 10.3 15.5#

68 4.5 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: 71.691 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

LIP-22

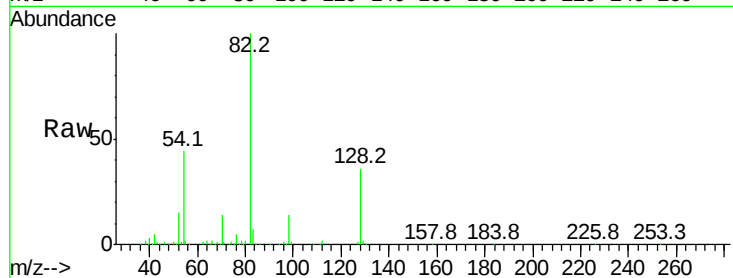
Tot Ion: 82 Resp: 279117

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

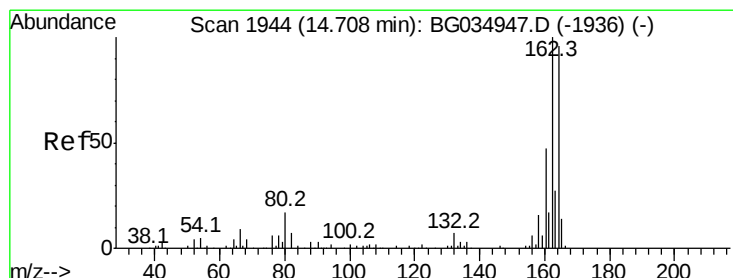
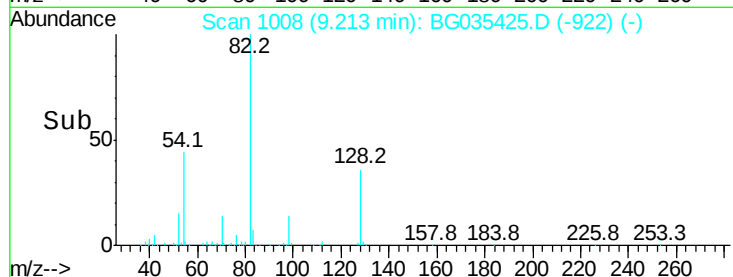
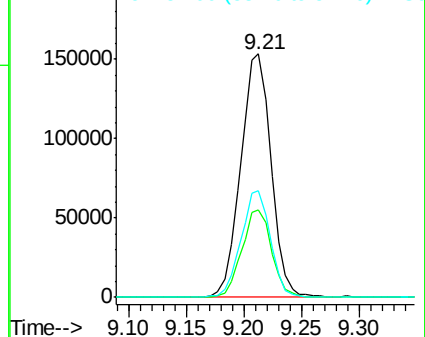
54 43.7 43.1 64.7



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: 14.67 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

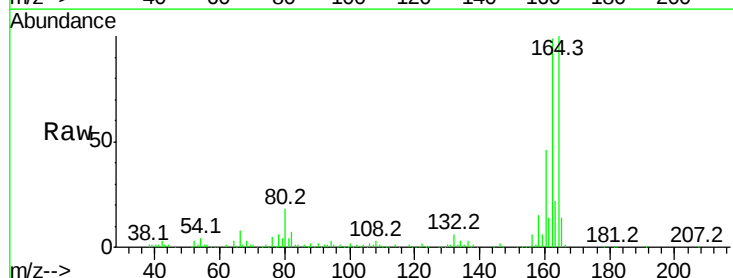
Tgt Ion:164 Resp: 130343

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

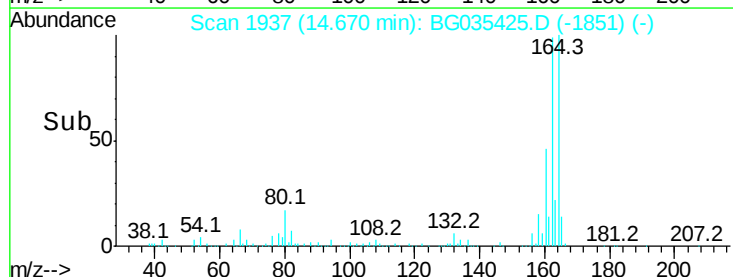
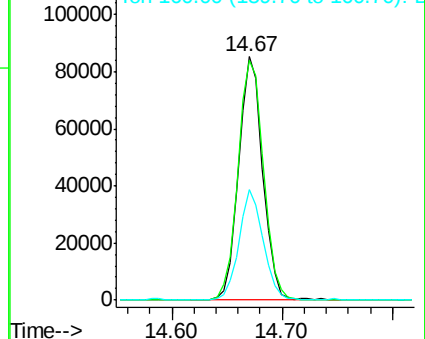
160 45.6 35.4 53.0

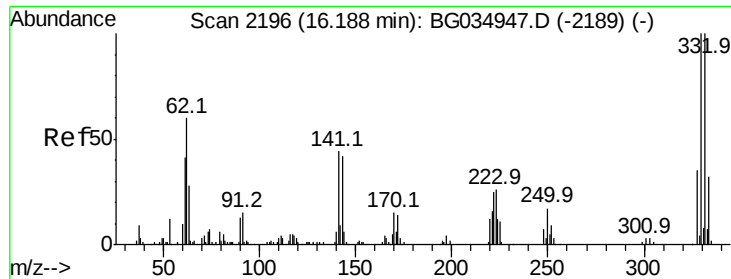


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 113.076 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

LIP-22

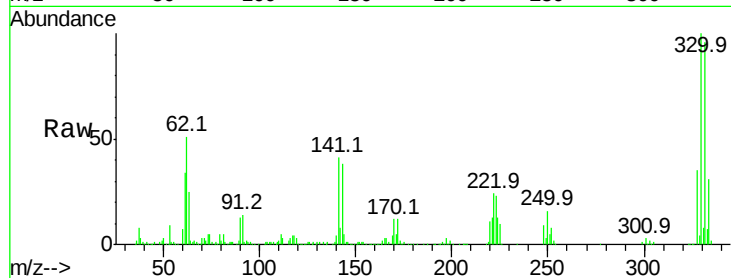
Tot Ion:330 Resp: 188674

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

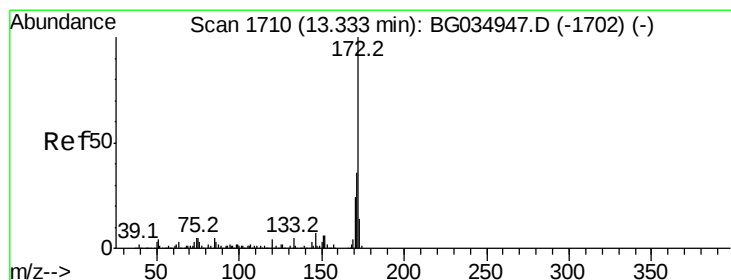
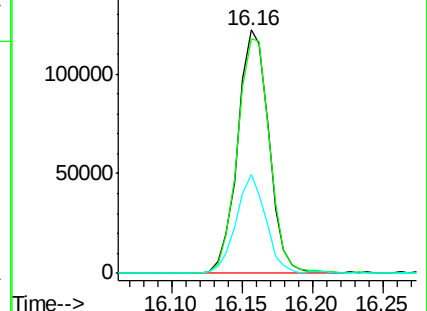
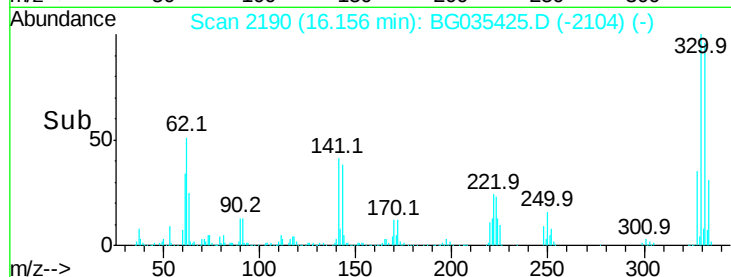
141 38.3 25.2 37.8#



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: 60.722 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

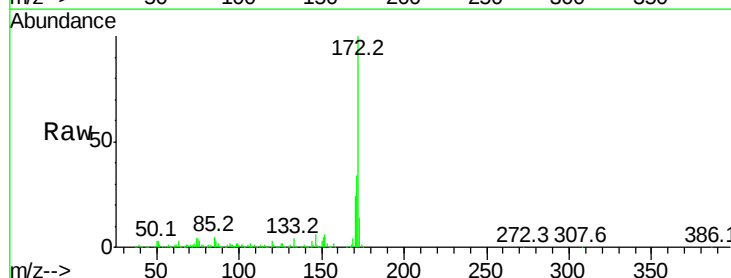
Tgt Ion:172 Resp: 608821

Ion Ratio Lower Upper

172 100

171 33.6 30.0 45.0

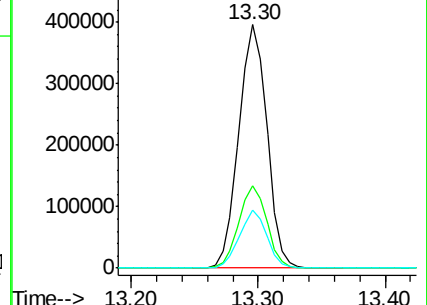
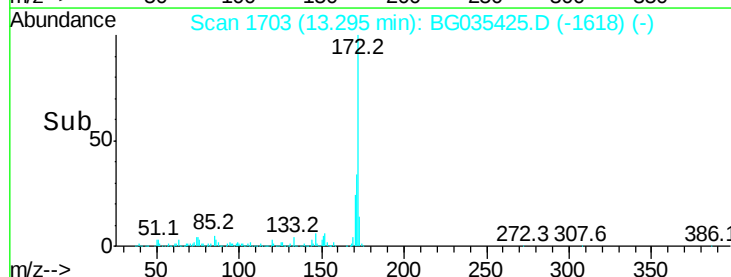
170 23.6 19.5 29.3



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

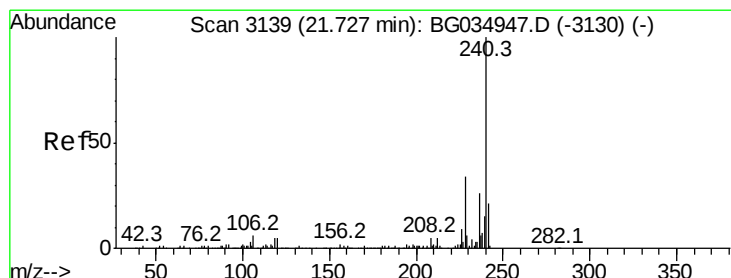
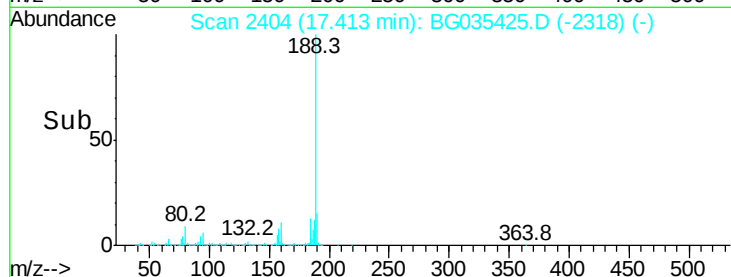
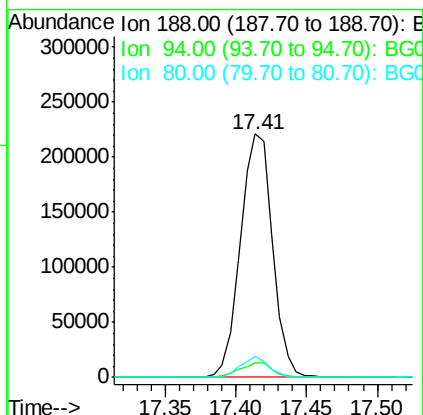
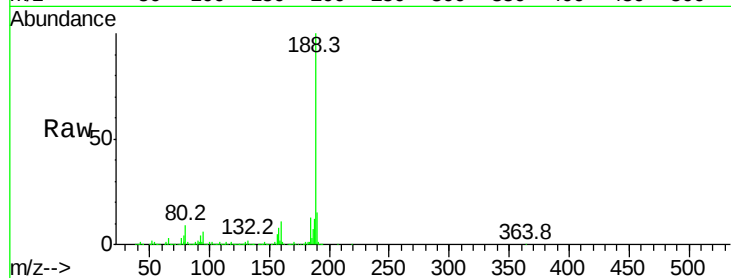




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.03 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

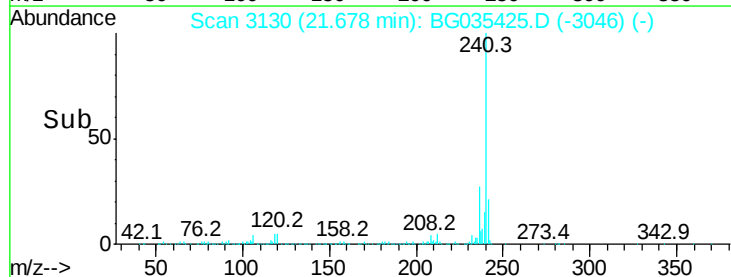
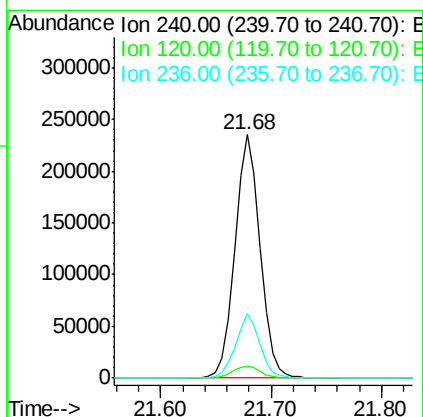
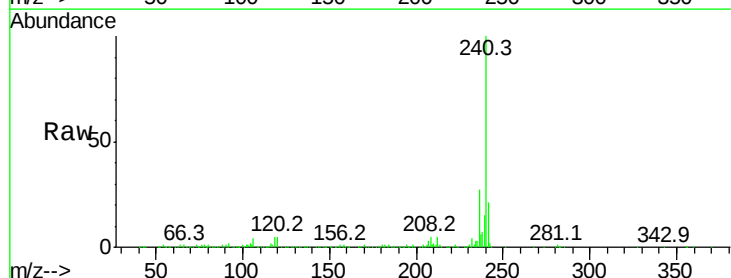
Instrument :
BNA_G
ClientSampleId :
LIP-22

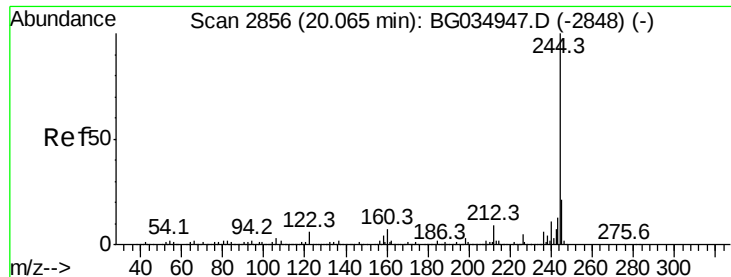
Tot Ion:188 Resp: 351298
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 8.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.04 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Tgt Ion:240 Resp: 376561
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 64.654 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

LIP-22

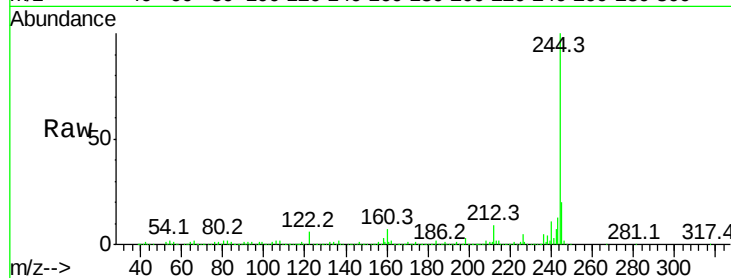
Tot Ion:244 Resp: 1162296

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

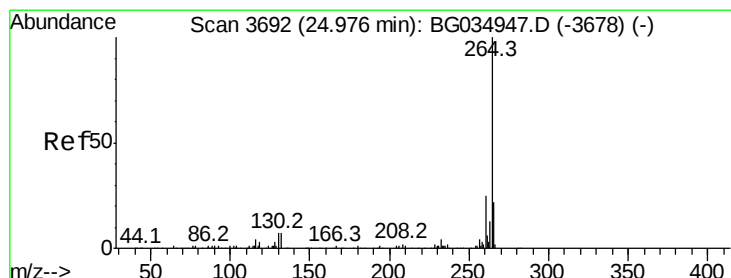
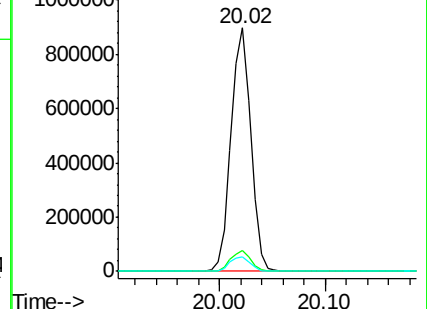
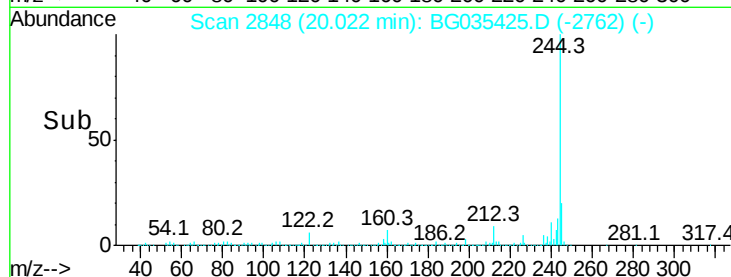
122 6.2 7.0 10.4#



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# 3678

Delta R.T. -0.06 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

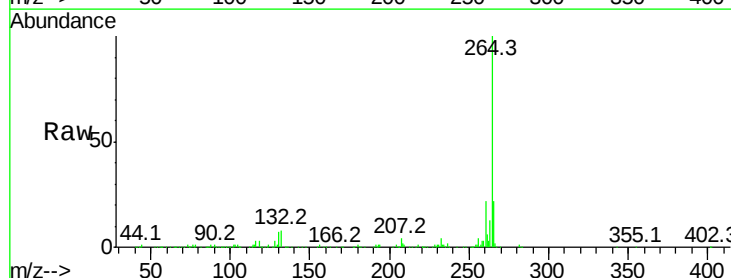
Tgt Ion:264 Resp: 373987

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 22.1 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

