

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035656.D
 Acq On : 14 Jul 2018 8:23
 Operator : JU/SJ
 Sample : J3820-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-071218

Quant Time: Jul 16 01:10:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44650	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	173379	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128428	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	368458	20.00	ng	0.00
75) Chrysene-d12	21.68	240	396996	20.00	ng	0.00
86) Perylene-d12	24.90	264	371924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408675	151.96	ng	0.00
7) Phenol-d6	7.22	99	552607	137.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	426634	102.80	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	276518	163.35	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	945669	98.65	ng	0.00
78) Terphenyl-d14	20.02	244	1821235	101.12	ng	0.00

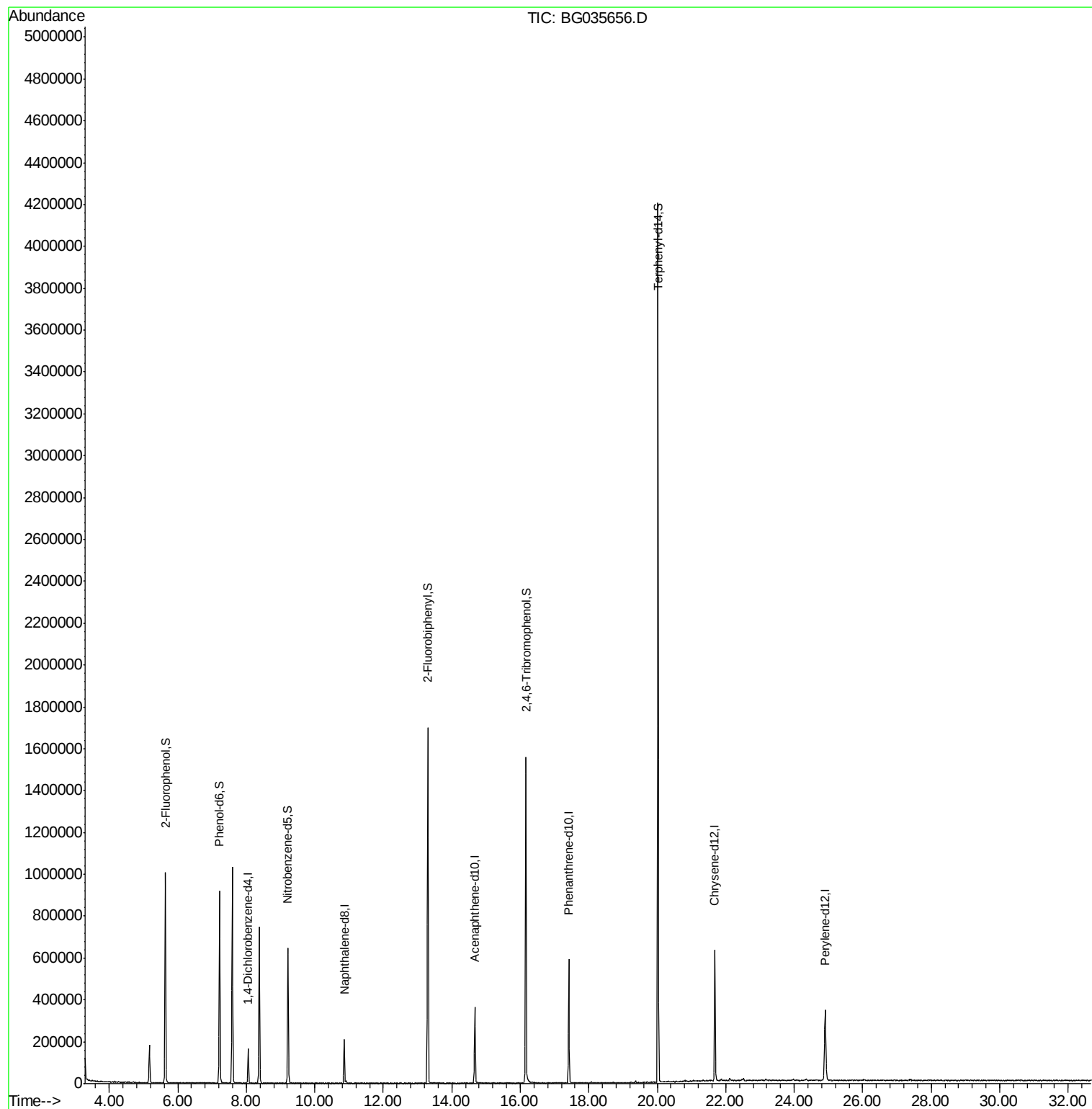
Target Compounds Qvalue

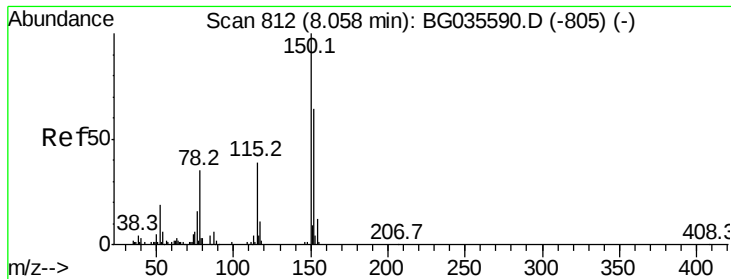
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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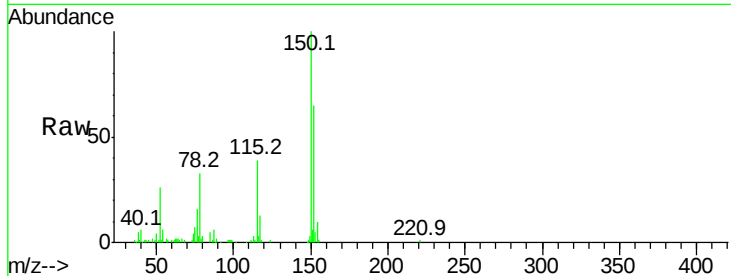


#1

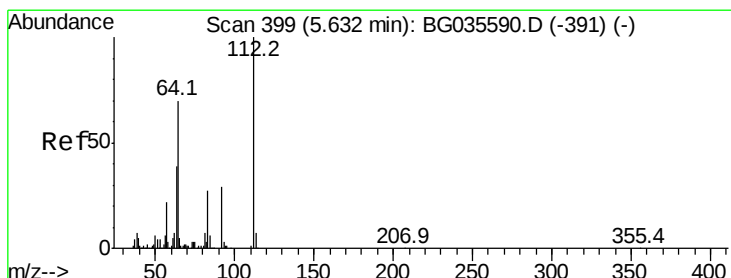
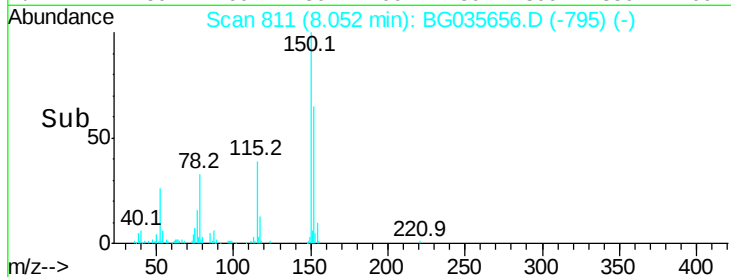
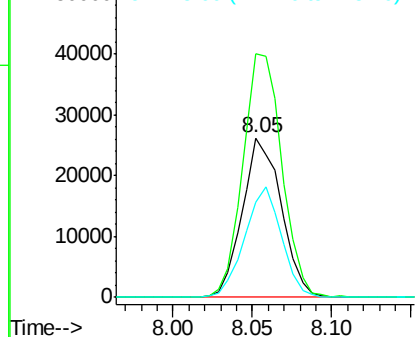
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Instrument :
BNA_G
ClientSampleId :
BU-02-071218

Tot Ion:152 Resp: 44650
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 59.9 53.0 79.4



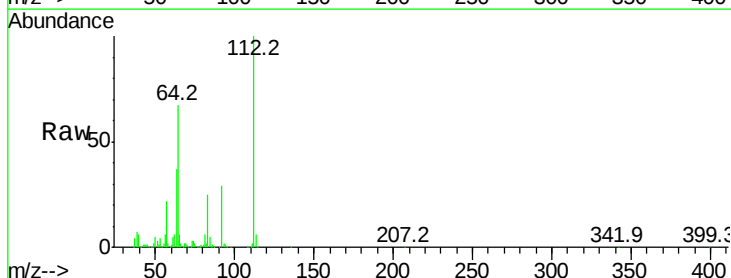
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



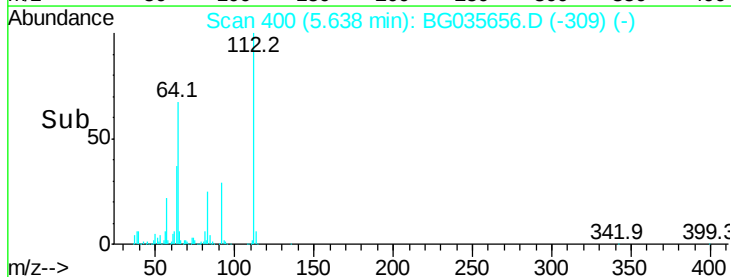
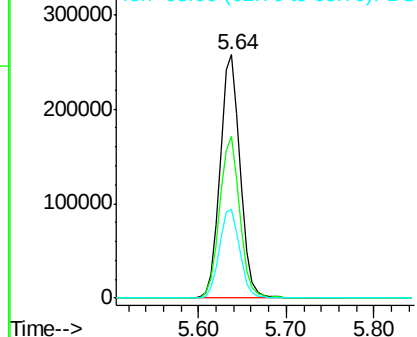
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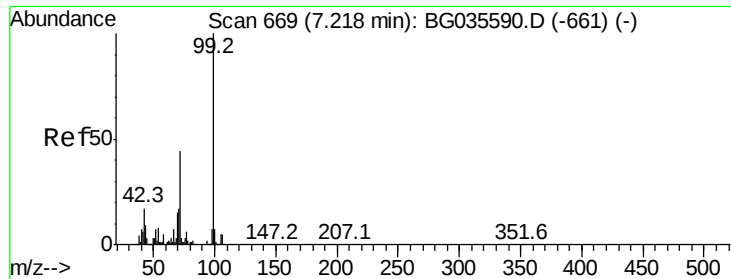
2-Fluorophenol
Concen: 151.959 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:112 Resp: 408675
Ion Ratio Lower Upper
112 100
64 66.7 56.3 84.5
63 36.7 30.1 45.1



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





#7

Phenol-d6

Concen: 137.721 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

Instrument :

BNA_G

ClientSampleId :

BU-02-071218

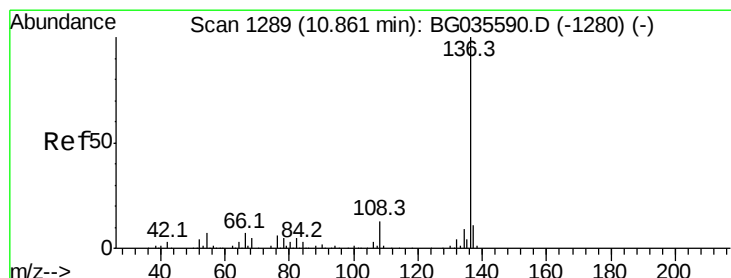
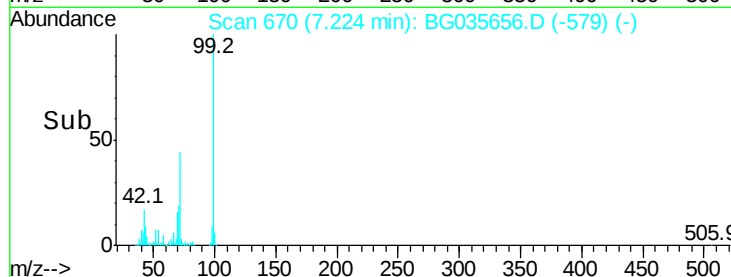
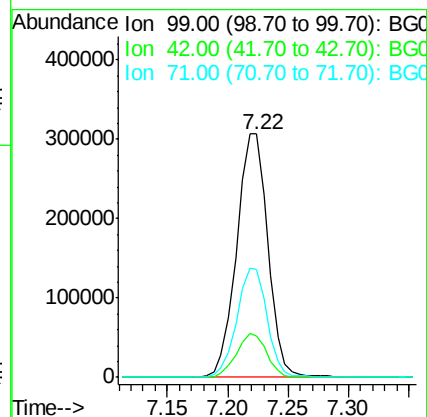
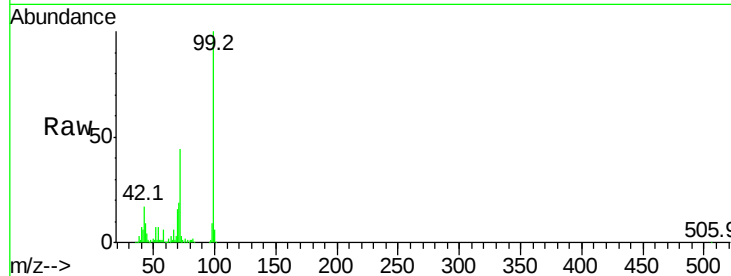
Tot Ion: 99 Resp: 552607

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 44.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

Tgt Ion: 136 Resp: 173379

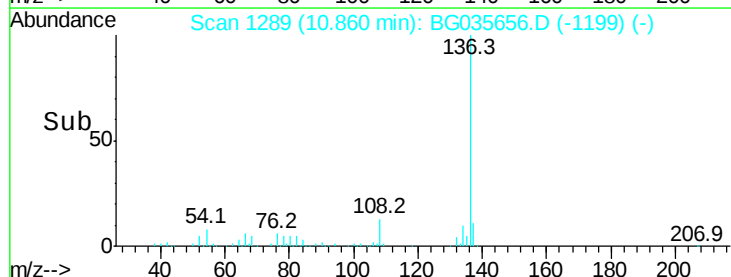
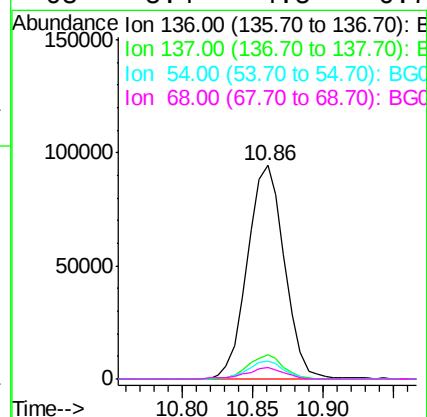
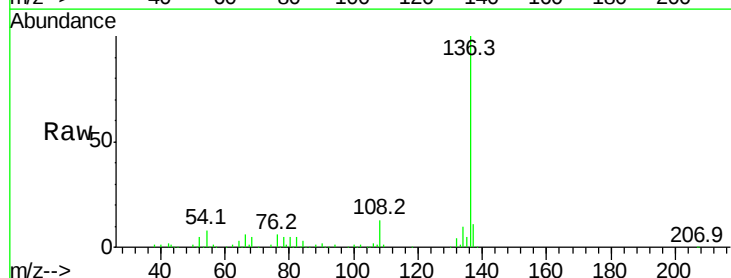
Ion Ratio Lower Upper

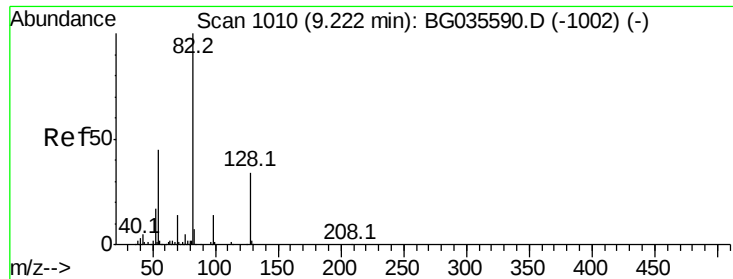
136 100

137 11.4 9.2 13.8

54 8.2 10.3 15.5#

68 5.4 4.5 6.7

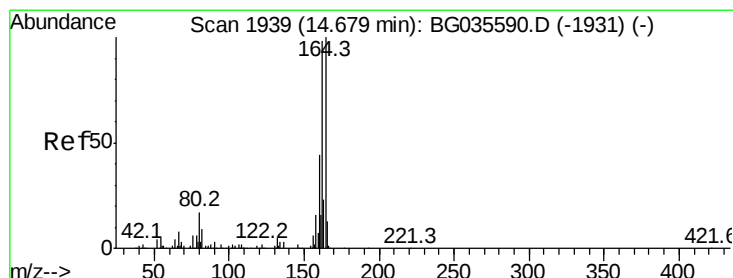
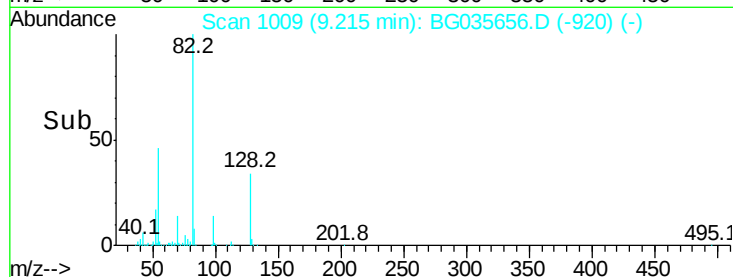
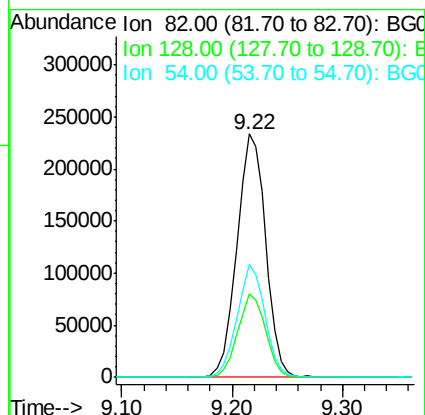
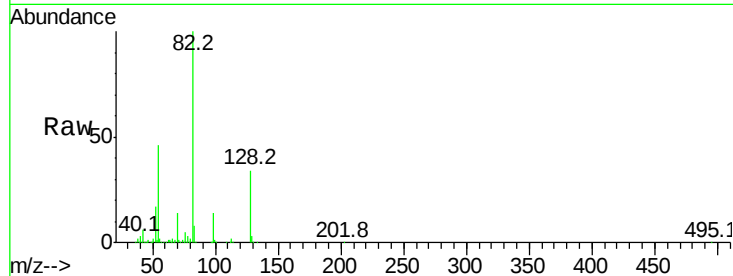




#23
 Nitrobenzene-d5
 Concen: 102.795 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035656.D
 Acq: 14 Jul 2018 8:23

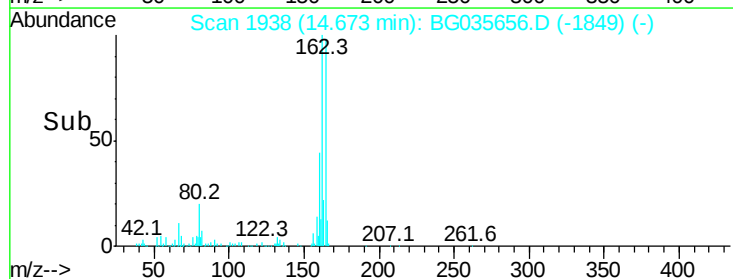
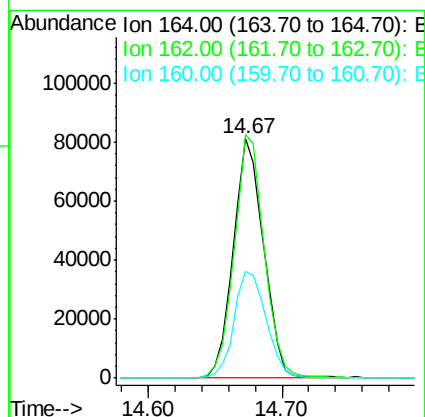
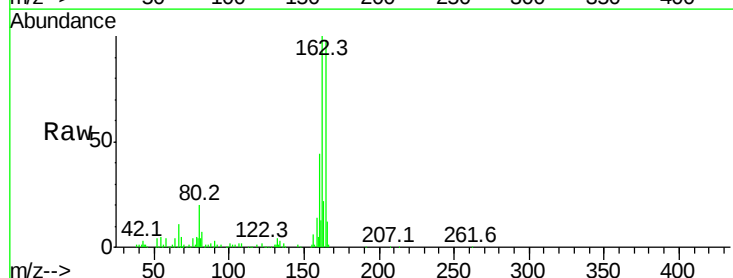
Instrument :
 BNA_G
 ClientSampleId :
 BU-02-071218

Tot Ion	82	Resp	426634
Ion Ratio	Lower	Upper	
82	100		
128	34.1	29.7	44.5
54	46.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035656.D
 Acq: 14 Jul 2018 8:23

Tgt Ion	164	Resp	128428
Ion Ratio	Lower	Upper	
164	100		
162	101.6	78.8	118.2
160	44.4	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 163.353 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

Instrument :

BNA_G

ClientSampleId :

BU-02-071218

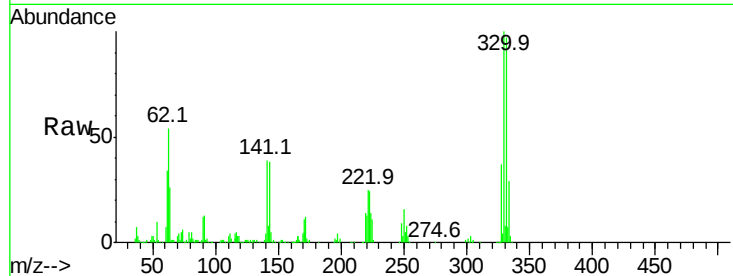
Tot Ion:330 Resp: 276518

Ion Ratio Lower Upper

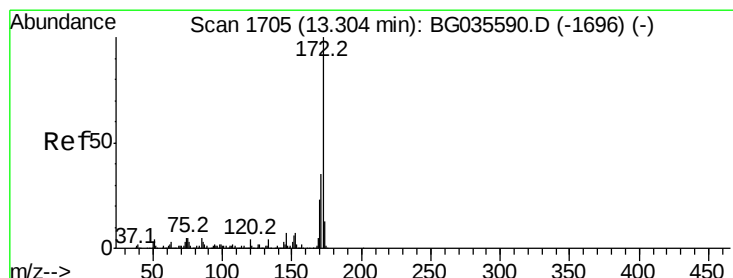
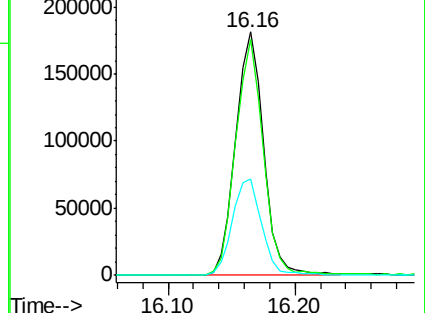
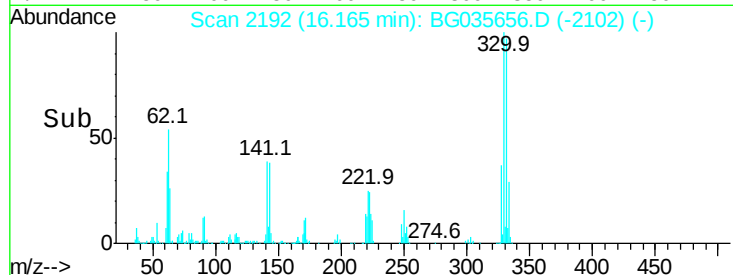
330 100

332 95.4 77.0 115.6

141 41.7 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: 98.651 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

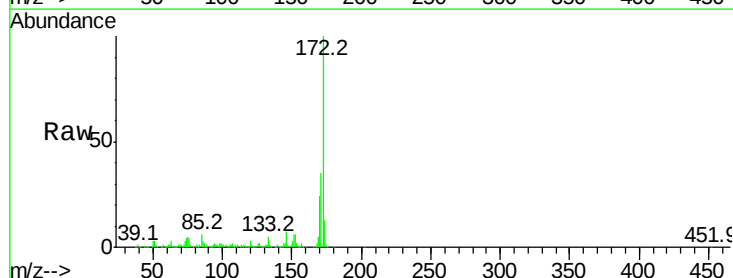
Tgt Ion:172 Resp: 945669

Ion Ratio Lower Upper

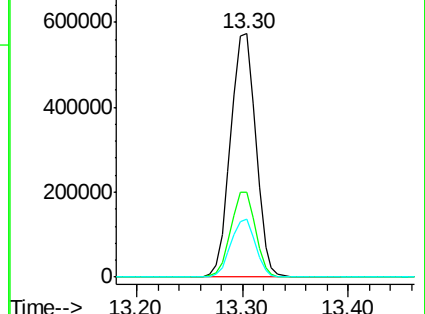
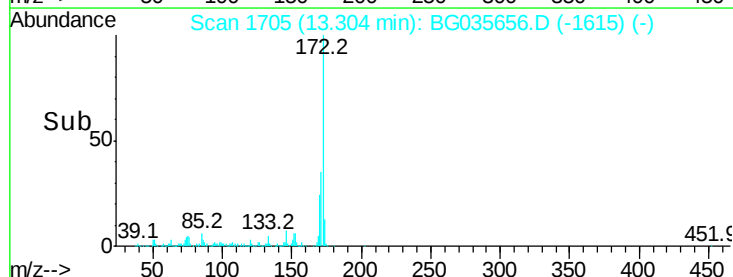
172 100

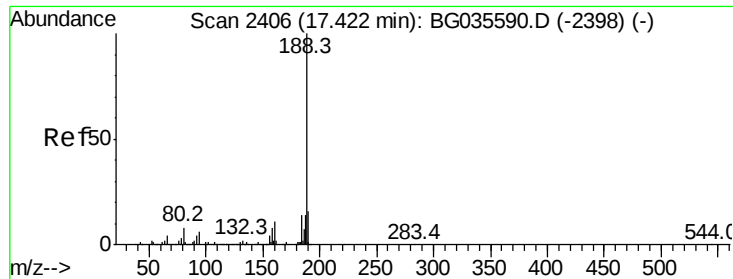
171 35.1 30.0 45.0

170 24.0 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

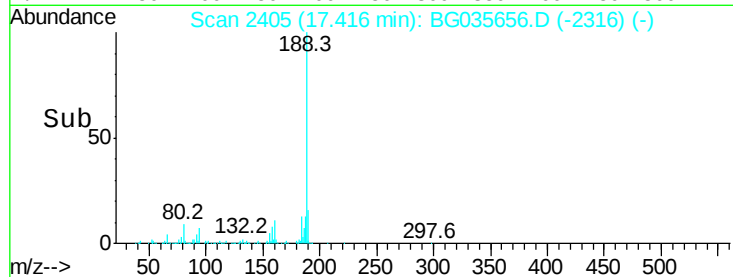
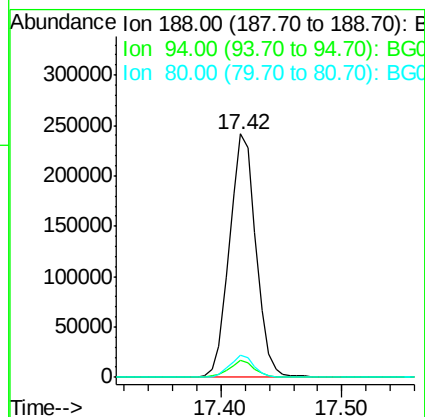
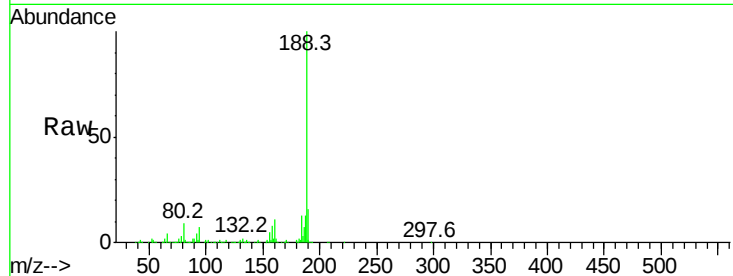




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

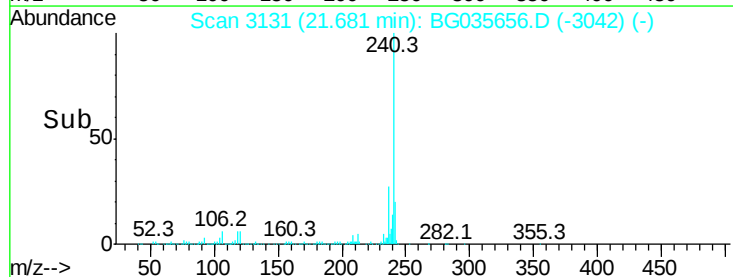
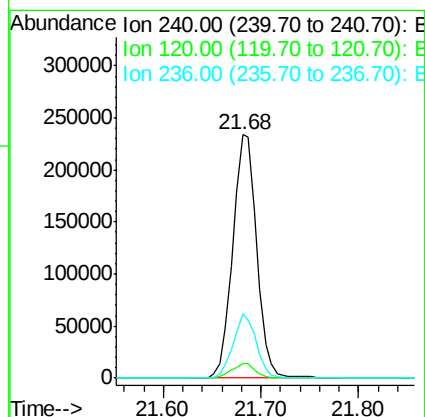
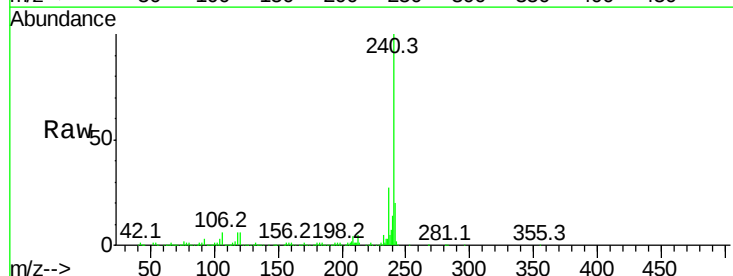
Instrument :
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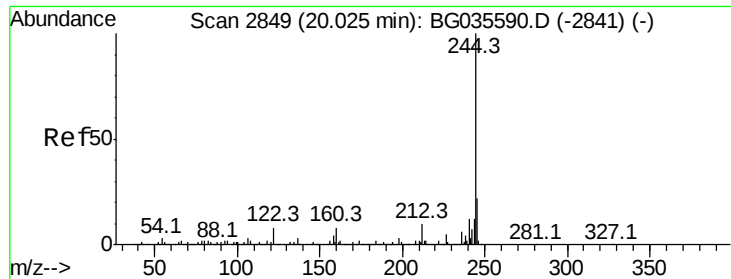
Tot Ion:188 Resp: 368458
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035656.D
Acq: 14 Jul 2018 8:23

Tgt Ion:240 Resp: 396996
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 101.123 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

Instrument :

BNA_G

ClientSampleId :

BU-02-071218

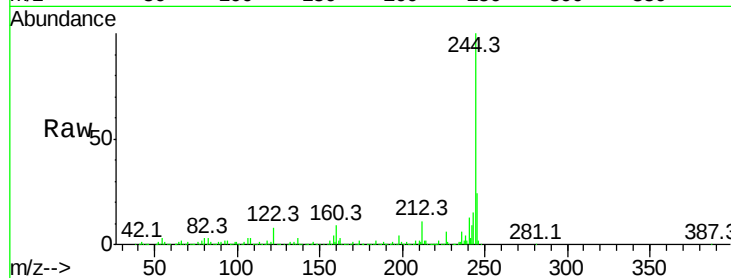
Tot Ion:244 Resp: 1821235

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

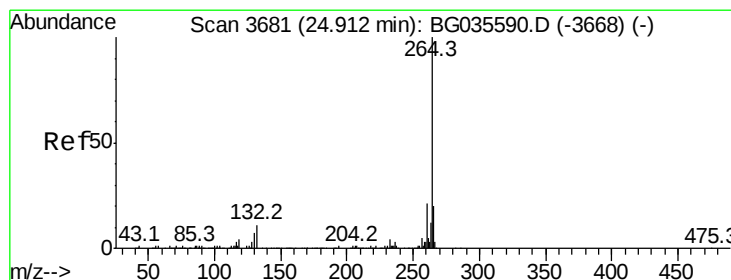
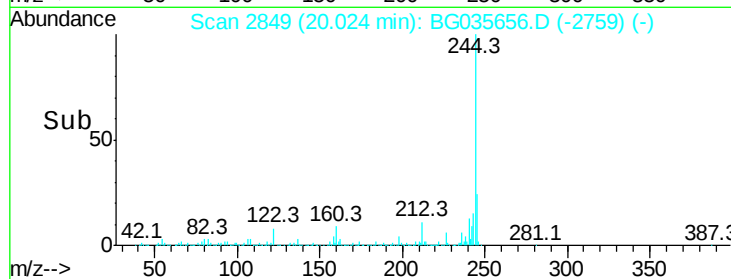
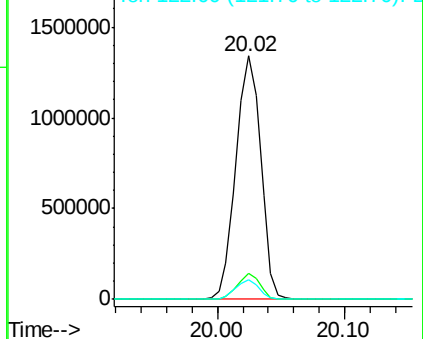
122 8.0 7.0 10.4



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. -0.01 min

Lab File: BG035656.D

Acq: 14 Jul 2018 8:23

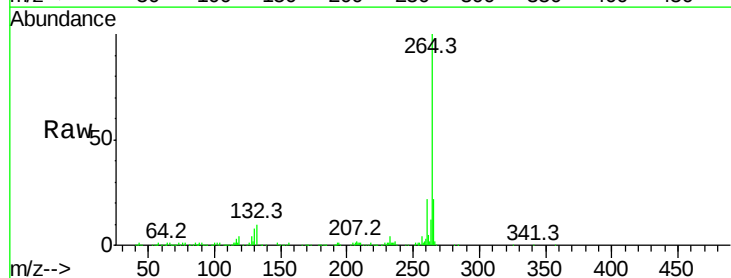
Tgt Ion:264 Resp: 371924

Ion Ratio Lower Upper

264 100

260 22.2 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

