

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035815.D
 Acq On : 21 Jul 2018 11:40
 Operator : JU/SJ
 Sample : J4087-53
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-PILLAR-3-4

Quant Time: Jul 23 01:58:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49207	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	171348	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	118892	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	328714	20.00	ng	0.00
75) Chrysene-d12	21.66	240	371442	20.00	ng	0.00
86) Perylene-d12	24.85	264	271651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	381546	128.73	ng	0.00
7) Phenol-d6	7.19	99	492894	111.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	377616	92.06	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	245134	156.43	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	840344	94.69	ng	0.00
78) Terphenyl-d14	20.00	244	1594283	94.61	ng	0.00

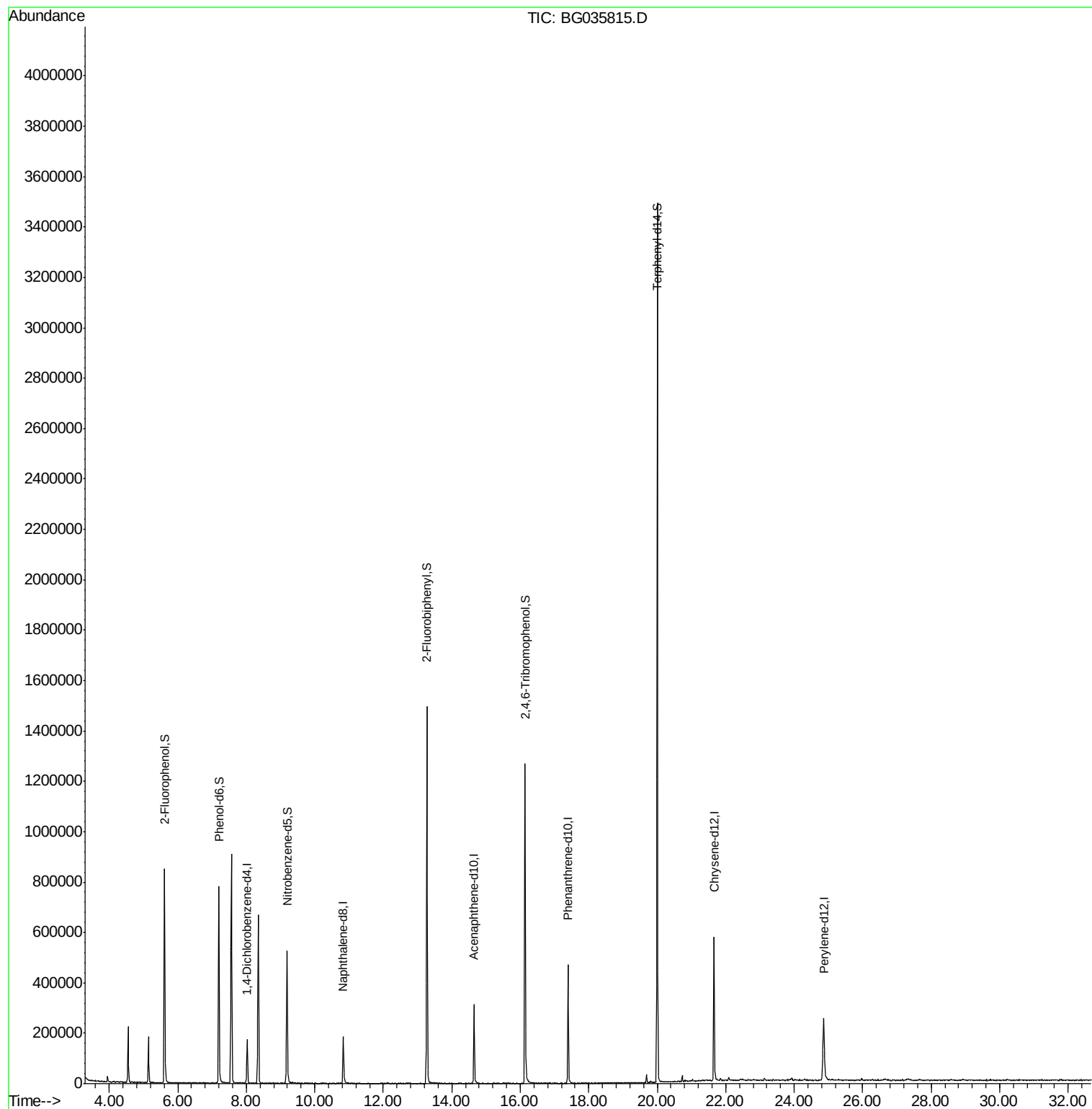
Target Compounds Qvalue

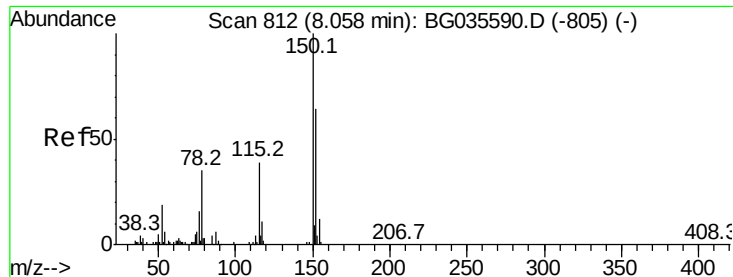
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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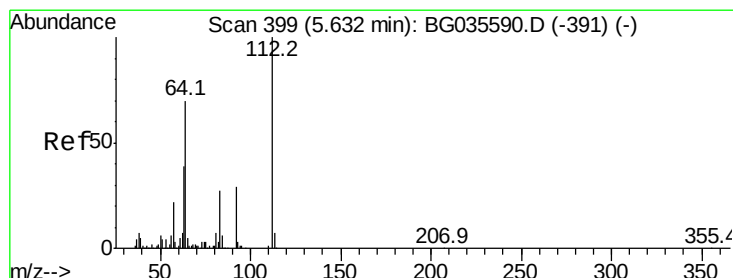
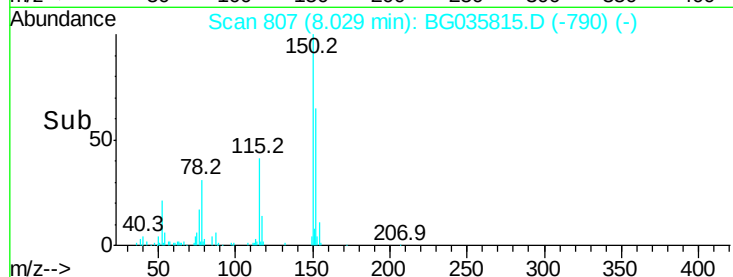
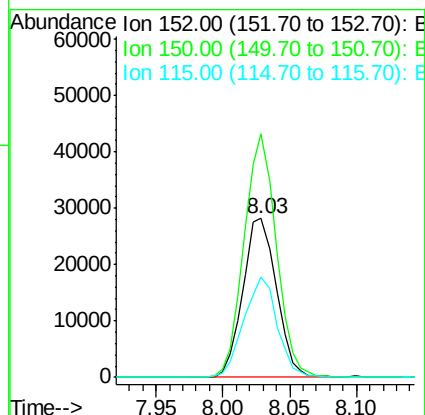
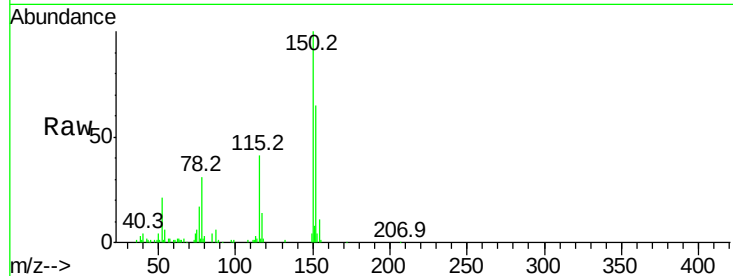


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035815.D
Acq: 21 Jul 2018 11:40

Instrument :
BNA_G
ClientSampleId :
ES-PILLAR-3-4

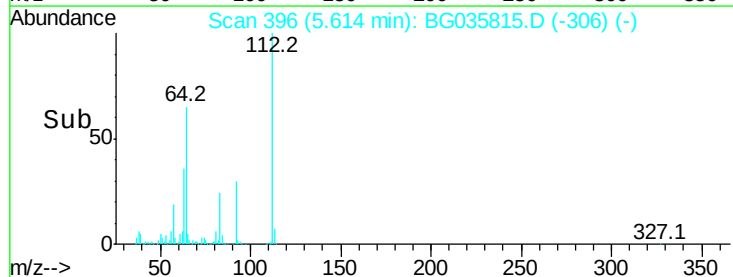
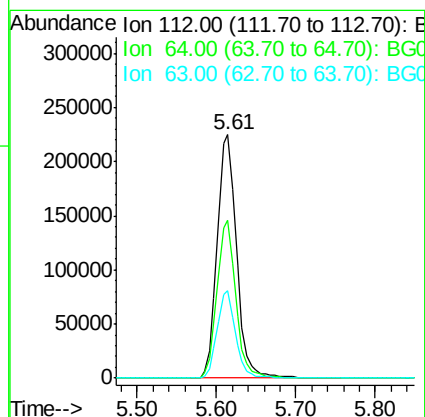
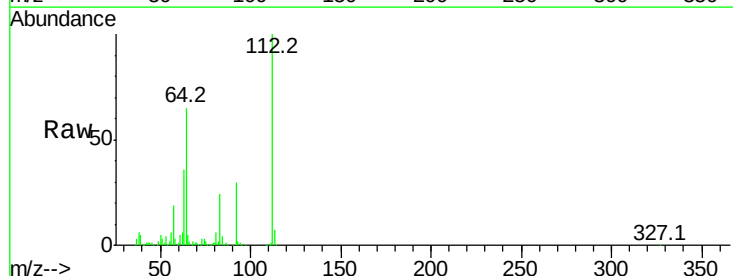
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	63.0	53.0	79.4

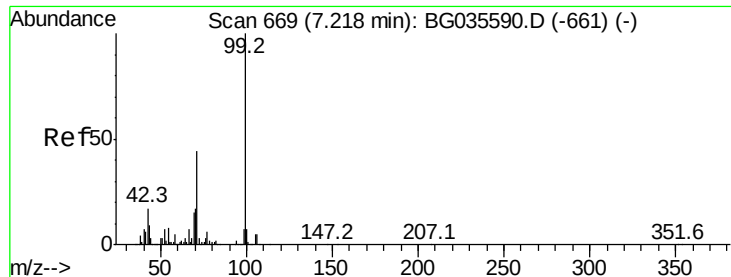


#5

2-Fluorophenol
Concen: 128.733 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035815.D
Acq: 21 Jul 2018 11:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	35.7	30.1	45.1





#7

Phenol-d6

Concen: 111.463 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

ES-PILLAR-3-4

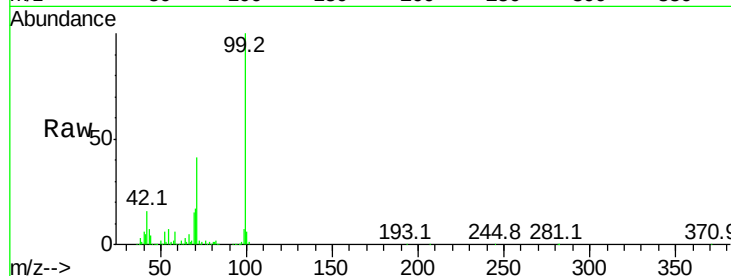
Tot Ion: 99 Resp: 492894

Ion Ratio Lower Upper

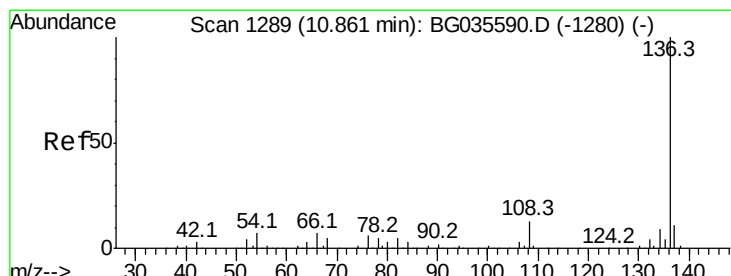
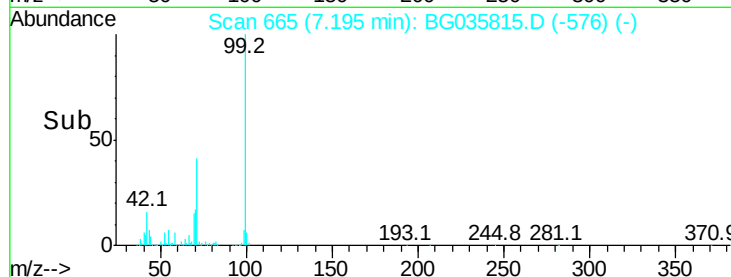
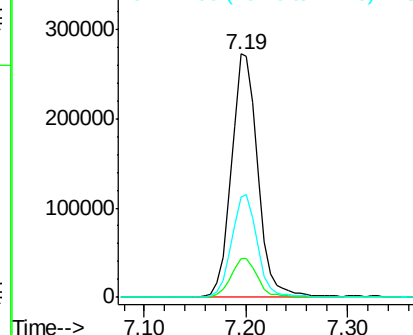
99 100

42 16.0 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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

Tgt Ion: 136 Resp: 171348

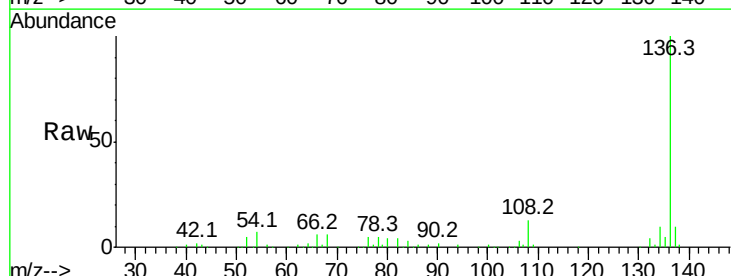
Ion Ratio Lower Upper

136 100

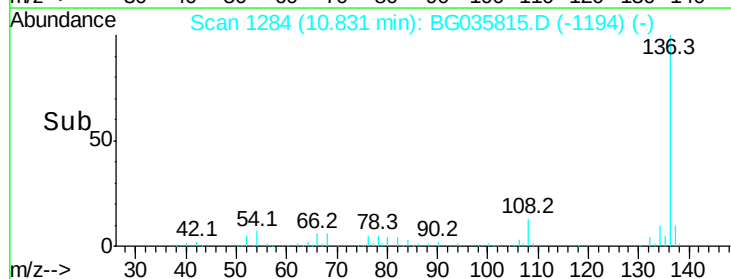
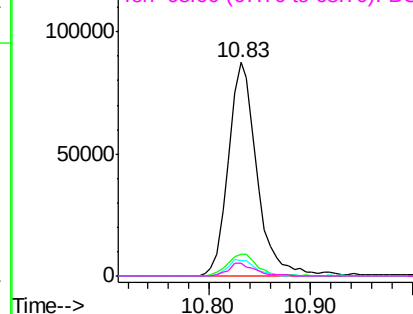
137 10.0 9.2 13.8

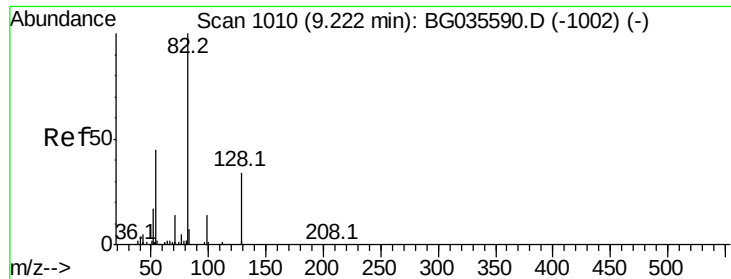
54 7.0 10.3 15.5#

68 6.0 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

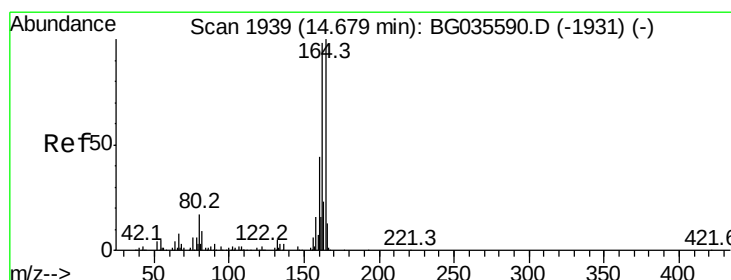
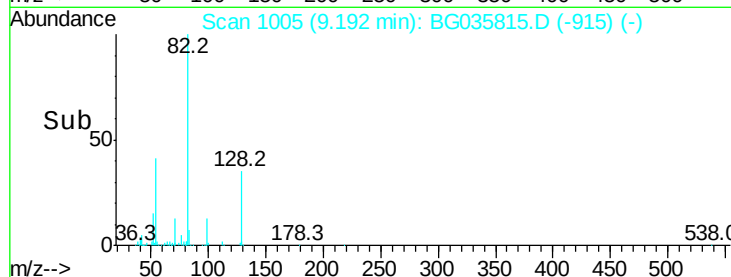
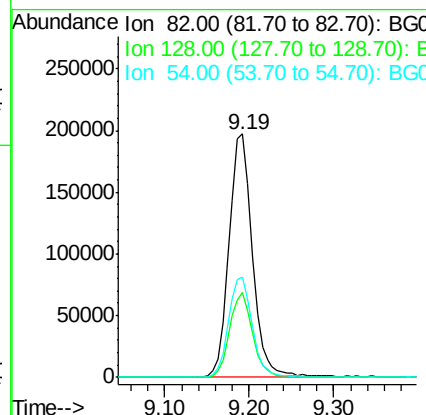
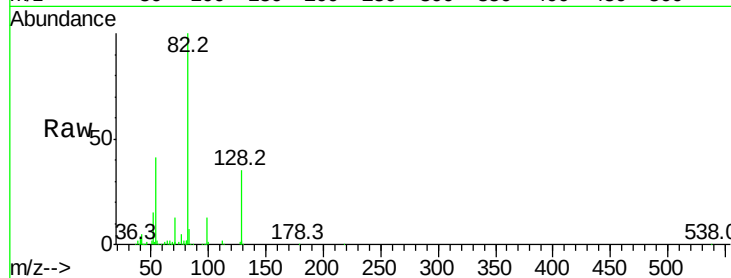




#23
Nitrobenzene-d5
Concen: 92.063 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035815.D
Acq: 21 Jul 2018 11:40

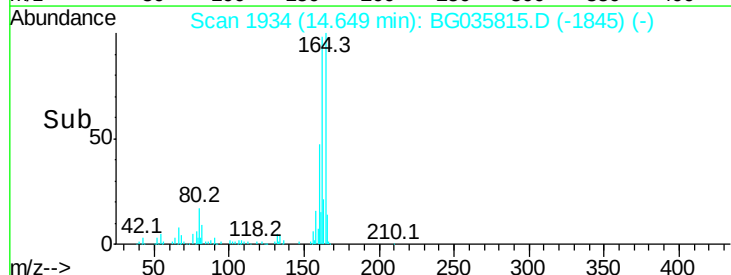
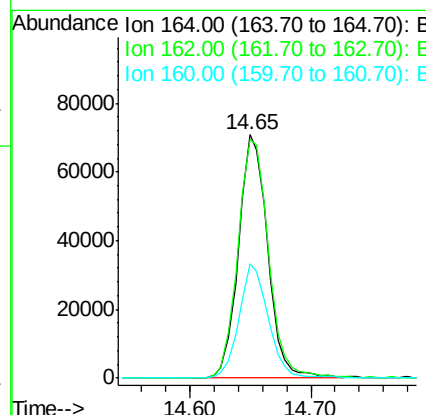
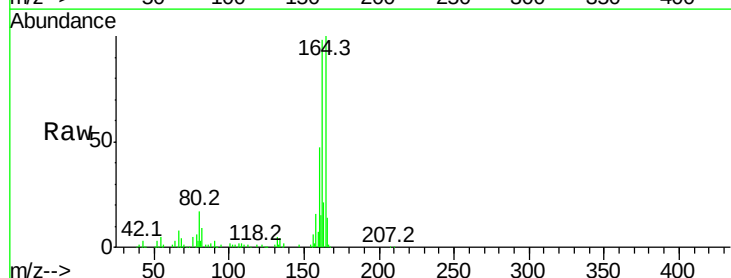
Instrument :
BNA_G
ClientSampleId :
ES-PILLAR-3-4

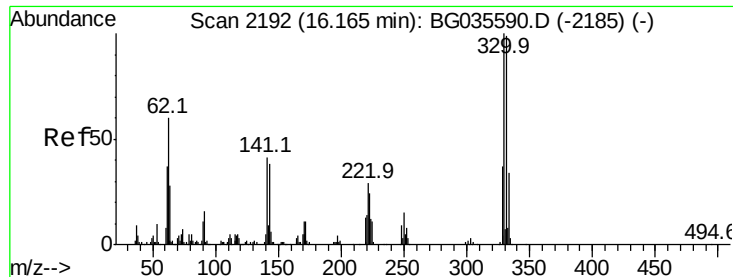
Tot Ion: 82 Resp: 377616
Ion Ratio Lower Upper
82 100
128 35.1 29.7 44.5
54 41.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035815.D
Acq: 21 Jul 2018 11:40

Tgt Ion:164 Resp: 118892
Ion Ratio Lower Upper
164 100
162 98.0 78.8 118.2
160 46.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 156.428 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

ES-PILLAR-3-4

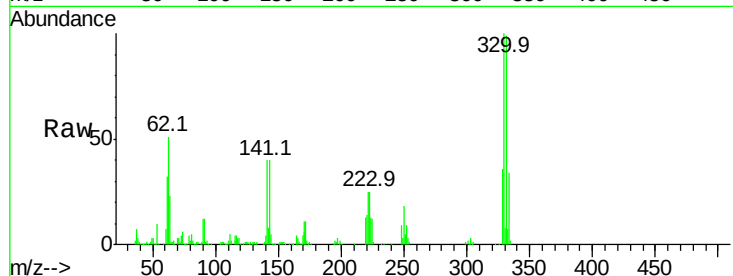
Tot Ion:330 Resp: 245134

Ion Ratio Lower Upper

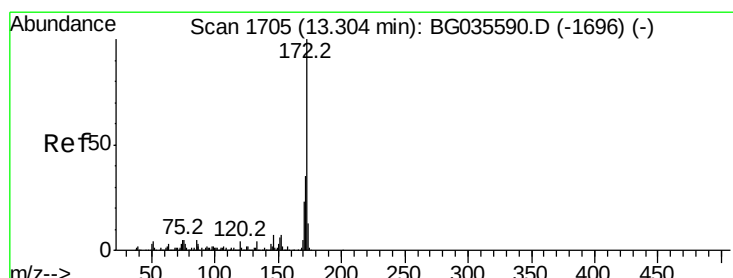
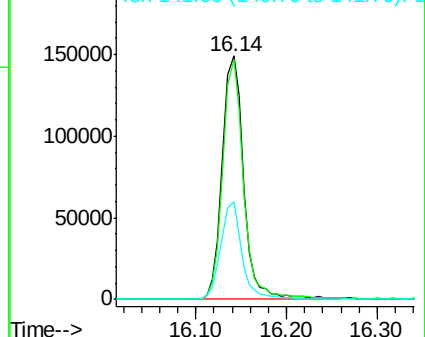
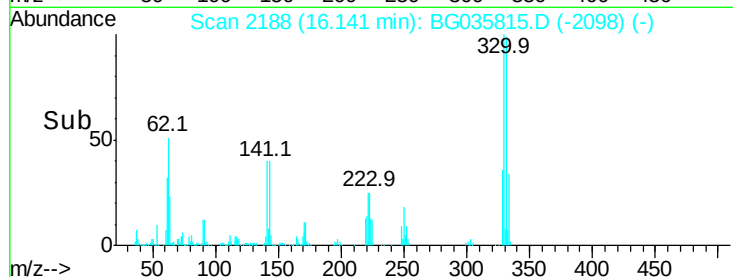
330 100

332 95.7 77.0 115.6

141 39.3 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: 94.695 ng

RT: 13.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

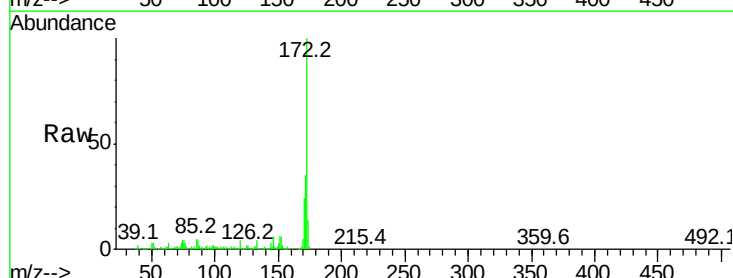
Tgt Ion:172 Resp: 840344

Ion Ratio Lower Upper

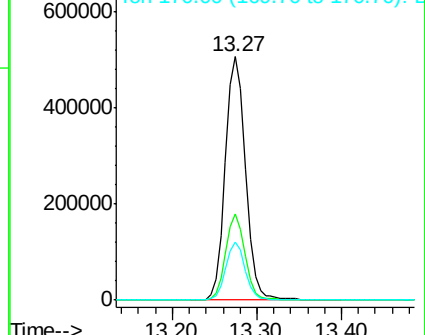
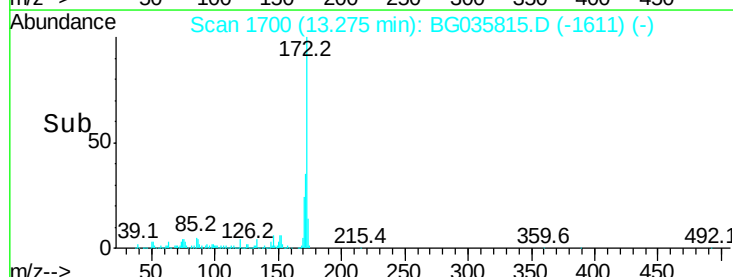
172 100

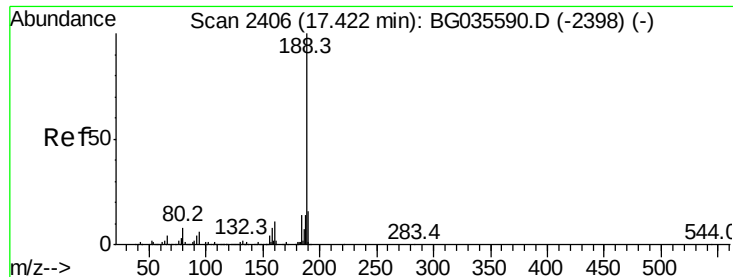
171 35.2 30.0 45.0

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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

ES-PILLAR-3-4

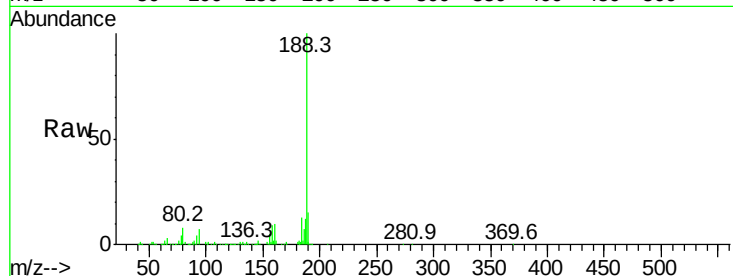
Tot Ion:188 Resp: 328714

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

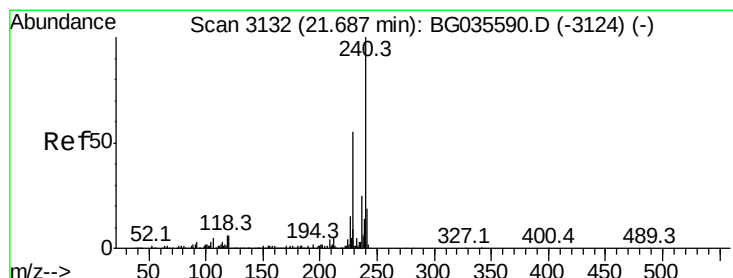
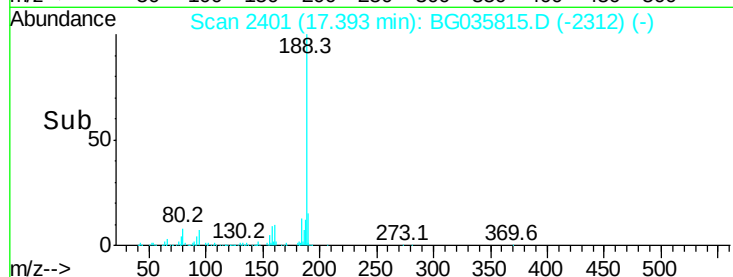
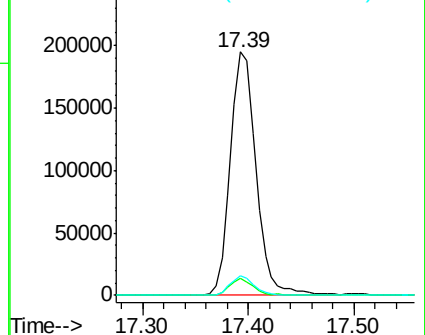
80 7.8 7.7 11.5



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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

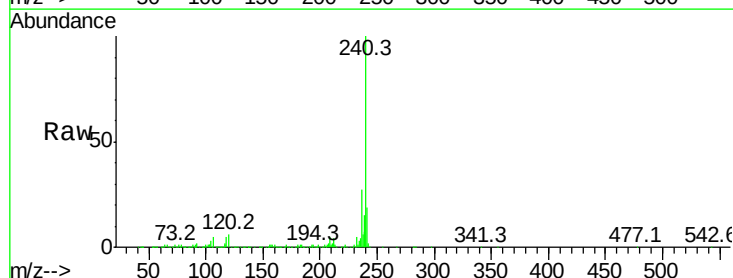
Tgt Ion:240 Resp: 371442

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

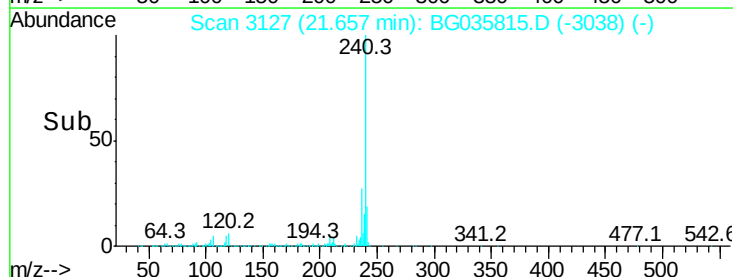
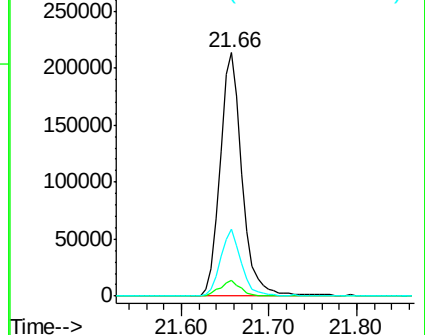
236 27.4 20.9 31.3

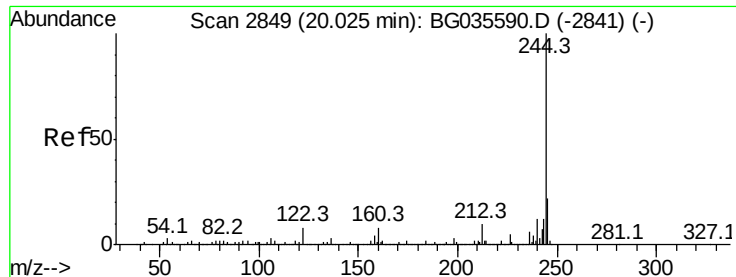


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.612 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

Instrument :

BNA_G

ClientSampleId :

ES-PILLAR-3-4

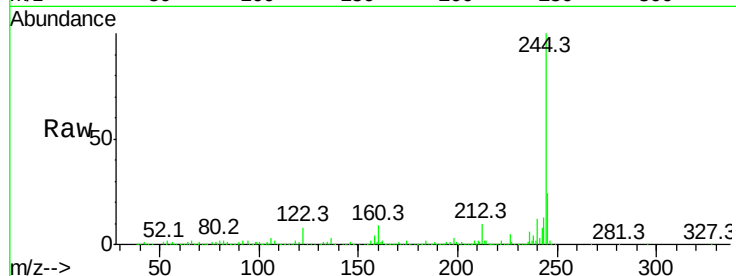
Tot Ion:244 Resp: 1594283

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

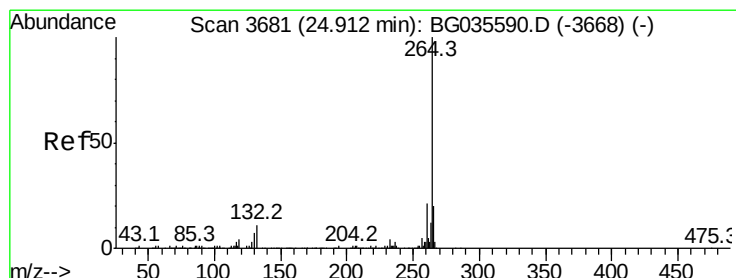
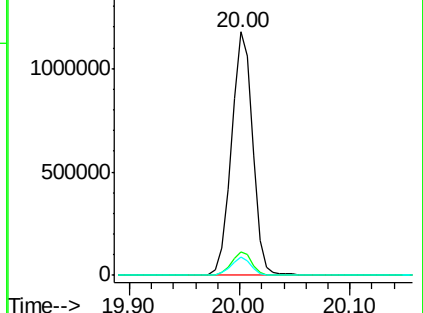
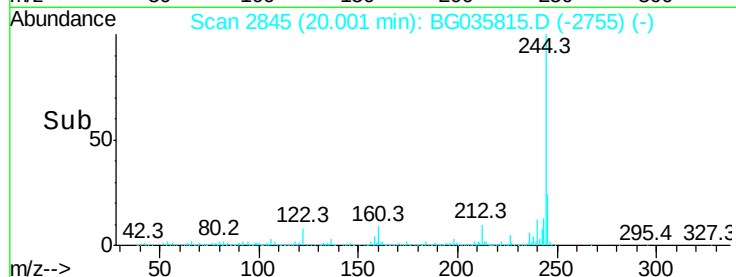
122 7.7 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035815.D

Acq: 21 Jul 2018 11:40

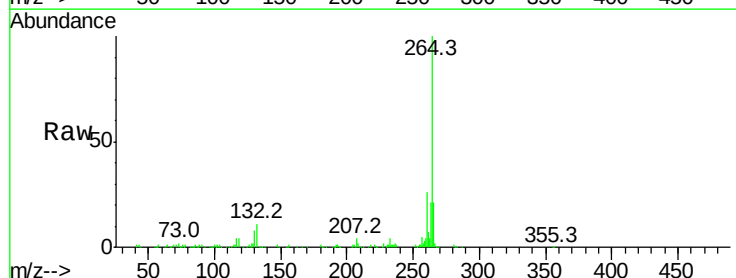
Tgt Ion:264 Resp: 271651

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 21.4 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

