

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036285.D
 Acq On : 11 Aug 2018 2:37
 Operator : JU/SJ
 Sample : PB111938BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BL

Quant Time: Aug 11 05:18:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25158	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90074	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	62046	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	181811	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	199602	20.00	ng	-0.02
86) Perylene-d12	24.83	264	173439	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	149273	98.51	ng	0.00
7) Phenol-d6	7.18	99	208044	92.02	ng	-0.02
23) Nitrobenzene-d5	9.17	82	216810	100.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	95819	117.17	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	516954	111.62	ng	-0.02
78) Terphenyl-d14	19.98	244	938698	103.66	ng	-0.02

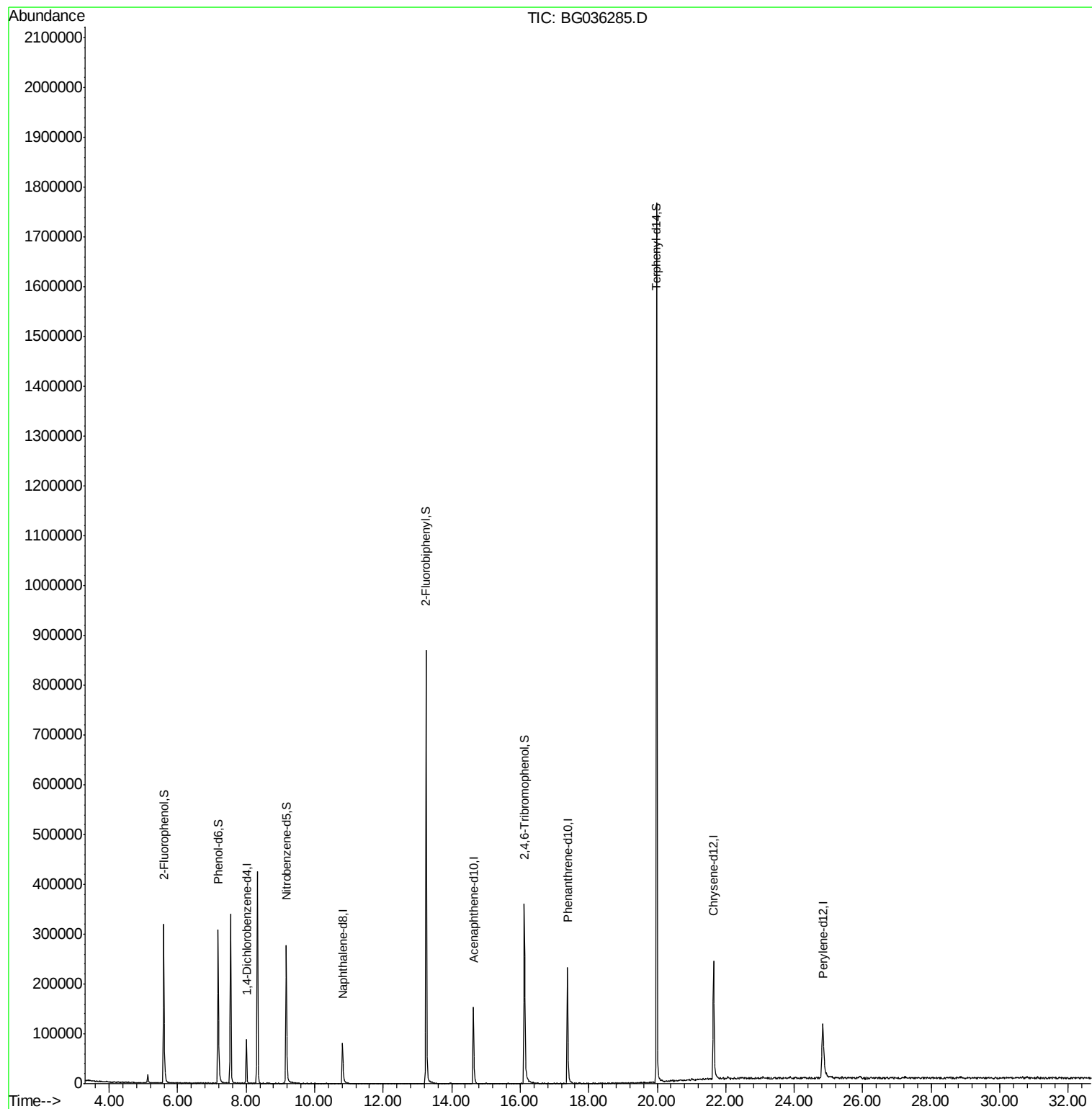
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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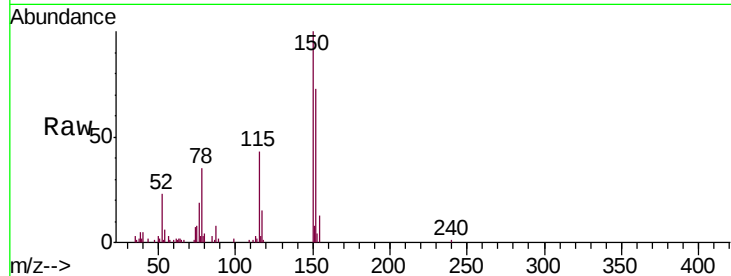


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

Instrument :
BNA_G
ClientSampleId :
PB111938BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.4	126.6	189.8
115	59.7	53.0	79.4

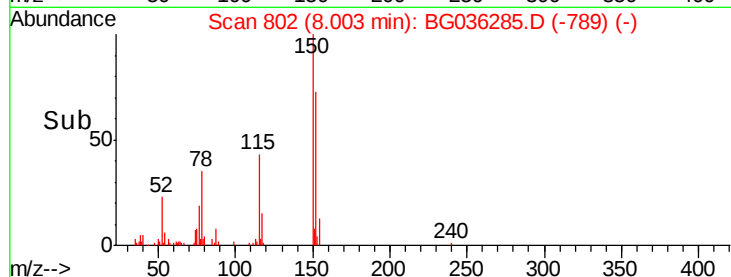
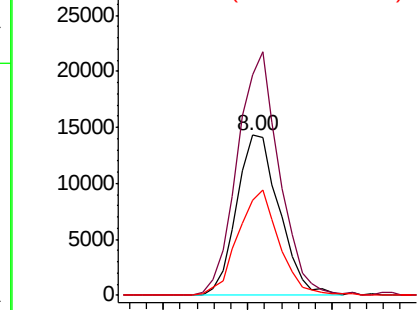


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

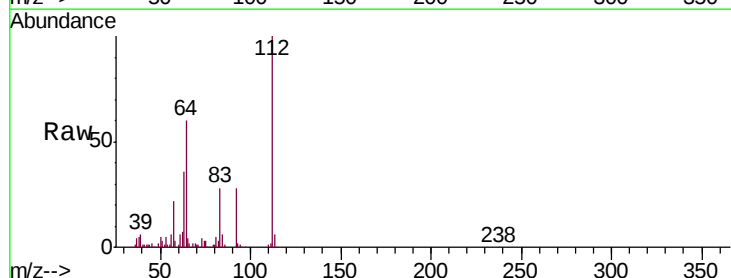
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.509 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	56.3	84.5
63	36.0	30.1	45.1

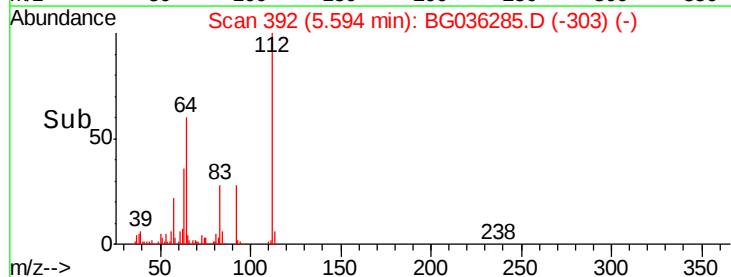
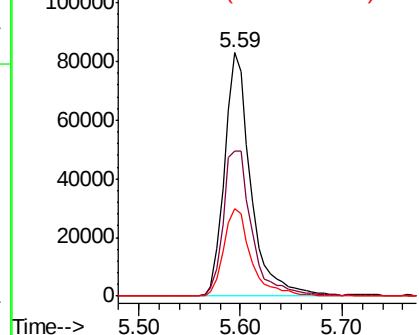


Abundance

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: 92.020 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

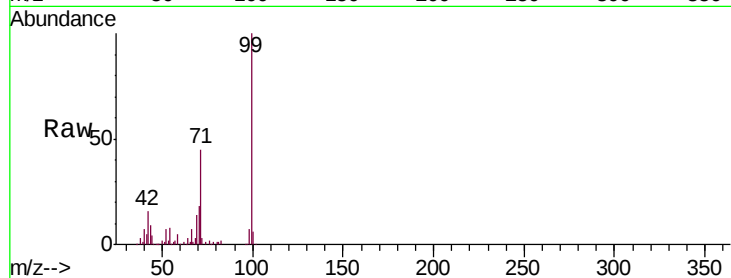
Tgt Ion: 99 Resp: 208044

Ion Ratio Lower Upper

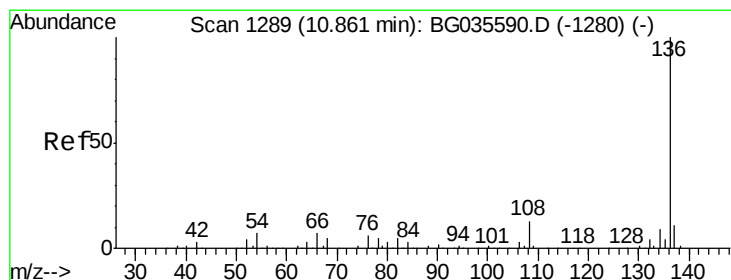
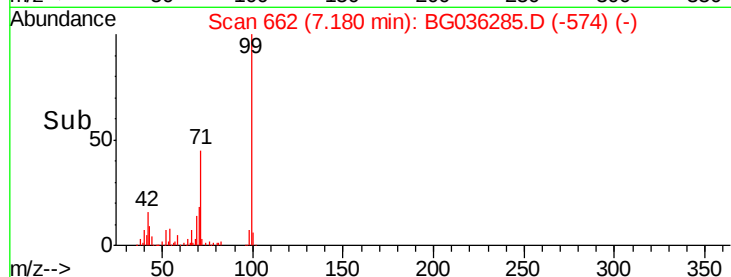
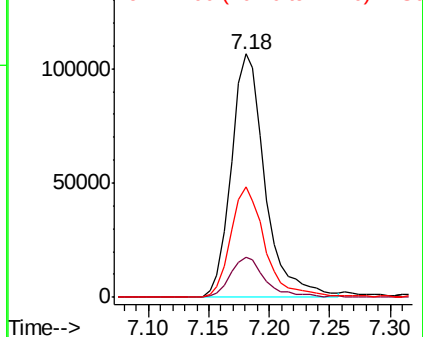
99 100

42 16.5 14.1 21.1

71 45.2 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: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Tgt Ion: 136 Resp: 90074

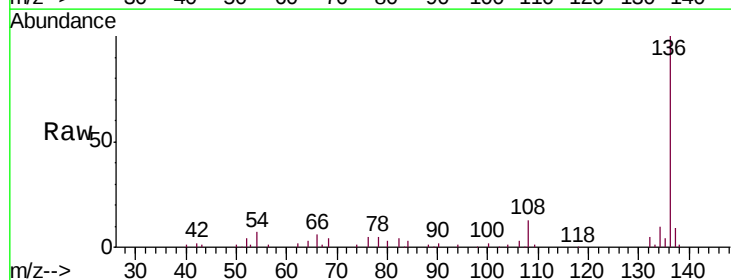
Ion Ratio Lower Upper

136 100

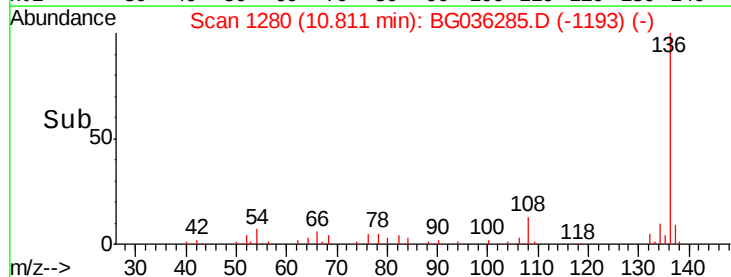
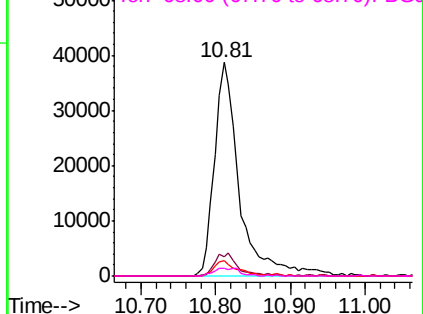
137 8.8 9.2 13.8#

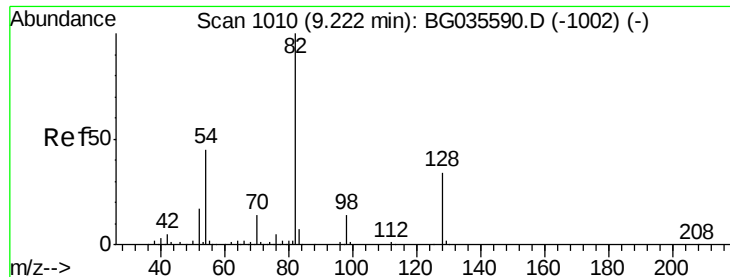
54 7.1 10.3 15.5#

68 3.7 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

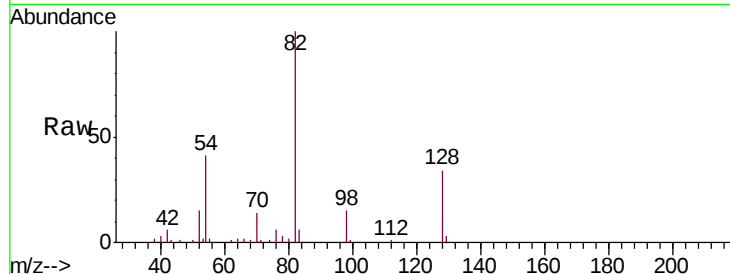




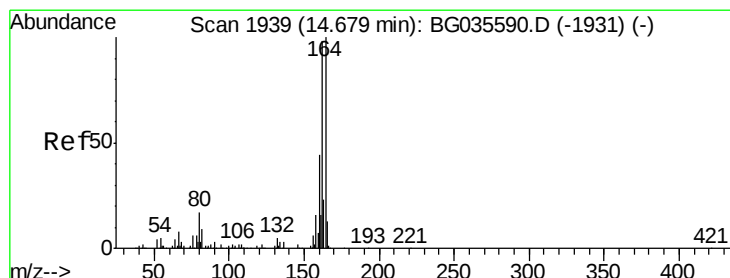
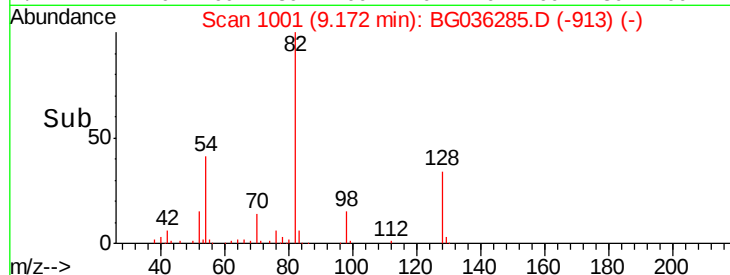
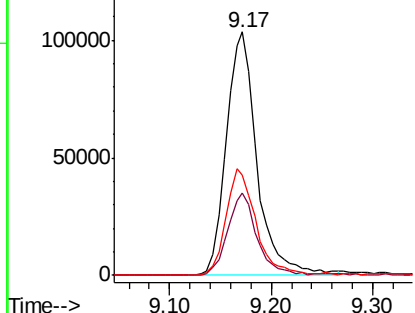
#23
 Nitrobenzene-d5
 Concen: 100.553 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	41.1	43.1	64.7#

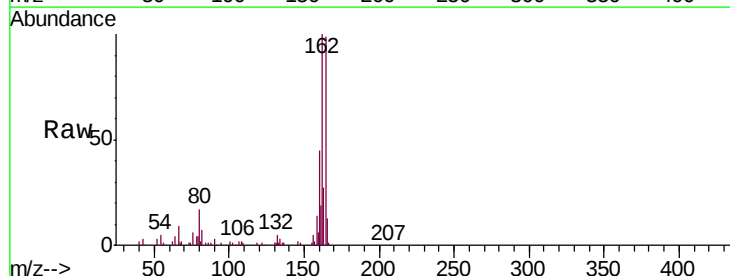


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

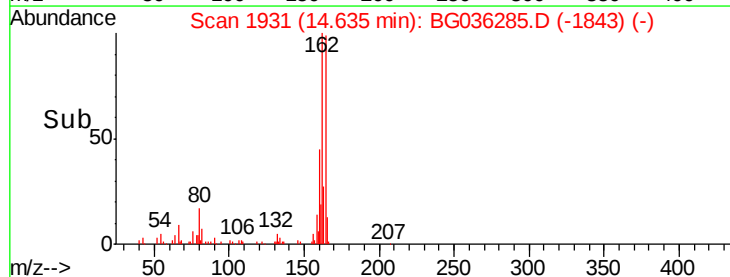
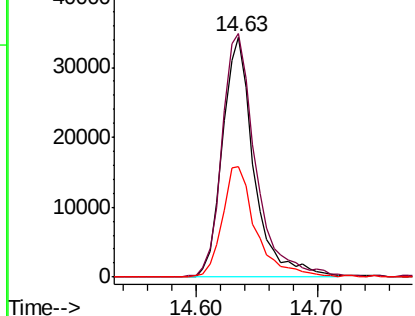


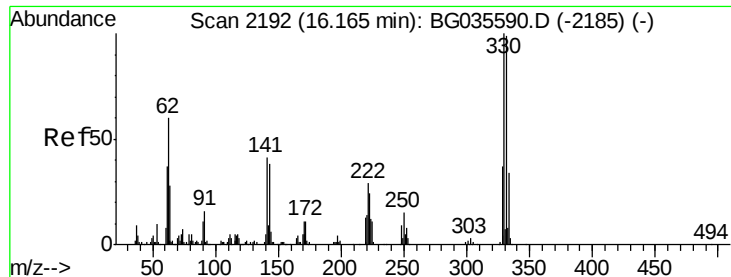
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.0	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

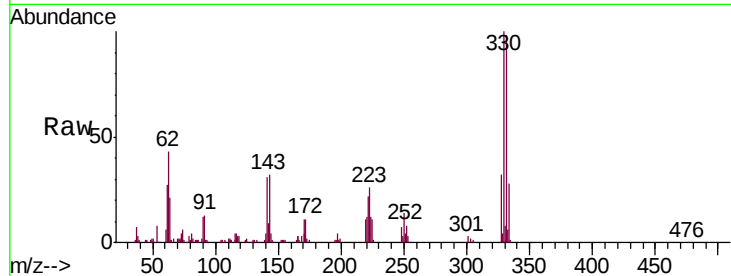




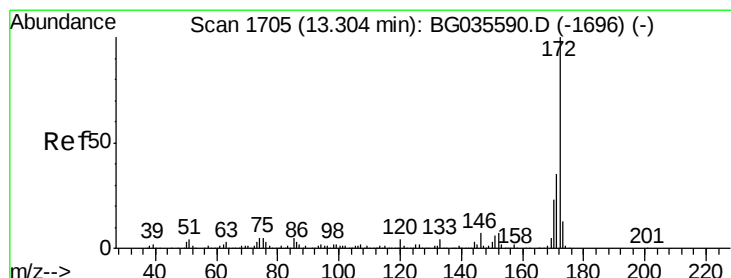
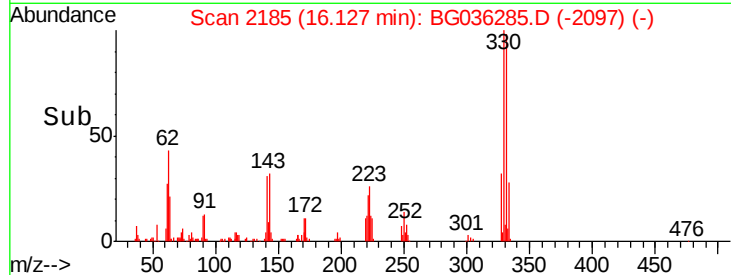
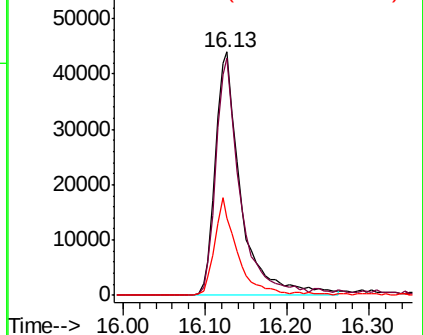
#41
 2,4,6-Tribromophenol
 Concen: 117.166 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BL

Tgt Ion:330 Resp: 95819
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.0 115.6
 141 35.0 25.2 37.8

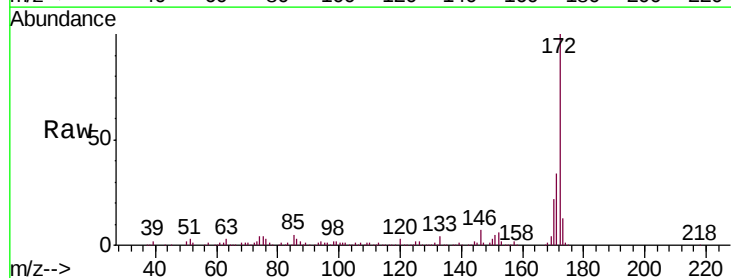


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

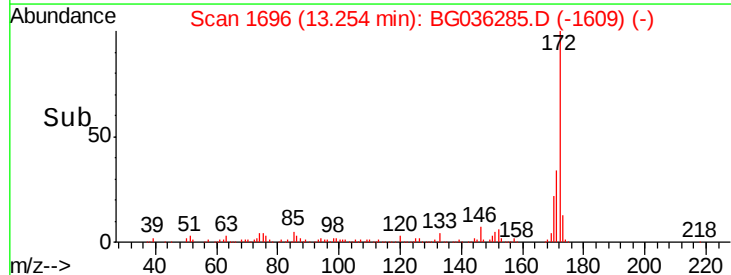
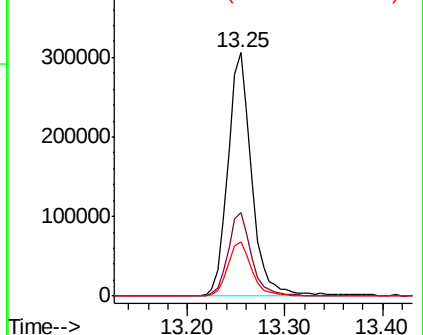


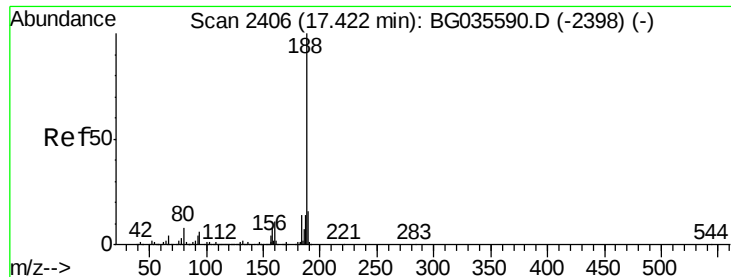
#44
 2-Fluorobiphenyl
 Concen: 111.624 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Tgt Ion:172 Resp: 516954
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 22.2 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: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

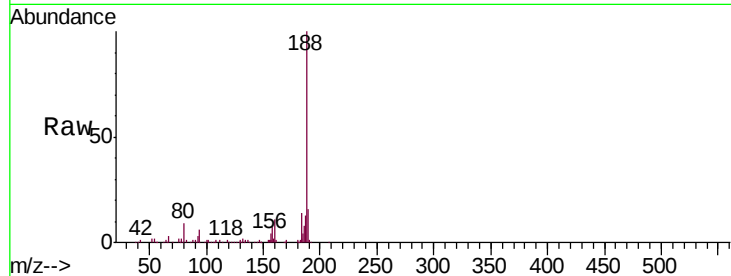
Tgt Ion:188 Resp: 181811

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

80 8.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

120000

100000

80000

60000

40000

20000

0

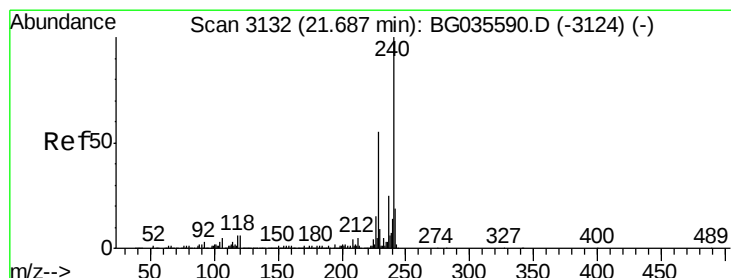
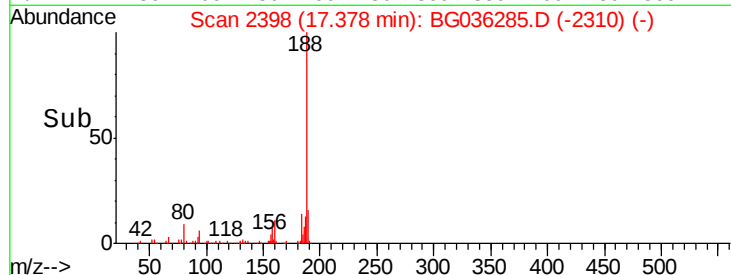
17.38

17.30

17.40

17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

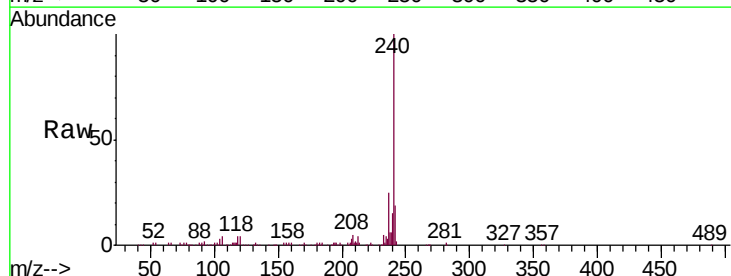
Tgt Ion:240 Resp: 199602

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

236 25.0 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

120000

100000

80000

60000

40000

20000

0

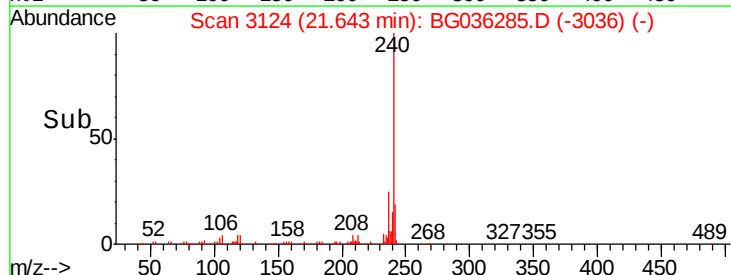
21.64

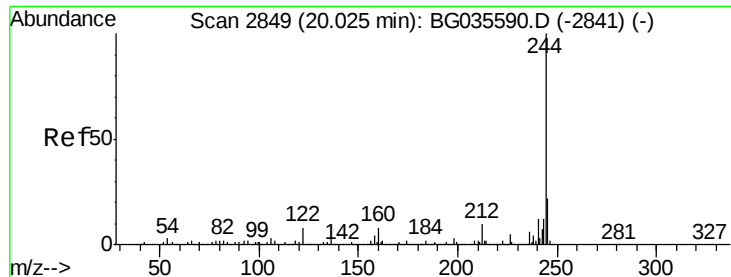
21.60

21.70

21.80

Time-->





#78

Terphenyl-d14

Concen: 103.665 ng

RT: 19.98 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

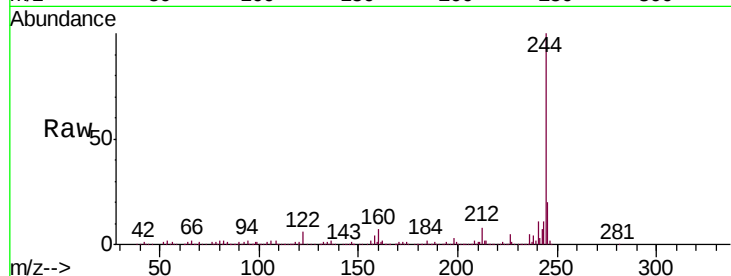
Tgt Ion:244 Resp: 938698

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

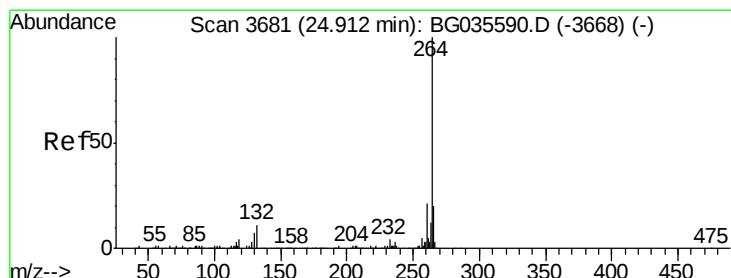
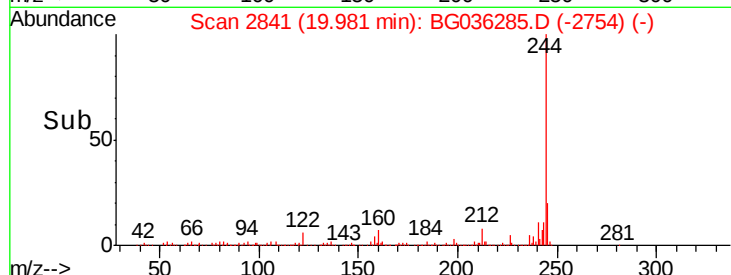
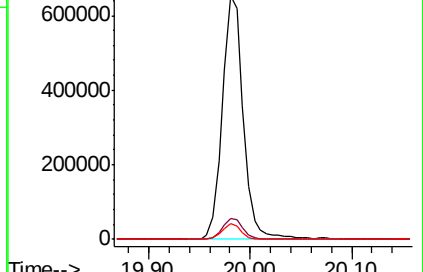
122 6.4 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

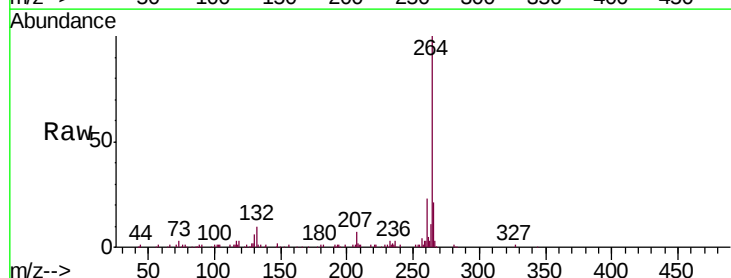
Tgt Ion:264 Resp: 173439

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.8 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

