

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035831.D
 Acq On : 23 Jul 2018 17:16
 Operator : JU/SJ
 Sample : J3993-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180414-FIELDBLANK

Quant Time: Jul 24 01:52:47 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	44983	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160780	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	115705	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	334432	20.00	ng	0.00
75) Chrysene-d12	21.65	240	398300	20.00	ng	-0.01
86) Perylene-d12	24.85	264	373777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	167365	61.77	ng	0.00
7) Phenol-d6	7.20	99	145023	35.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	388823	101.03	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	279917	183.54	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	870418	100.79	ng	0.00
78) Terphenyl-d14	20.00	244	1877754	103.92	ng	0.00

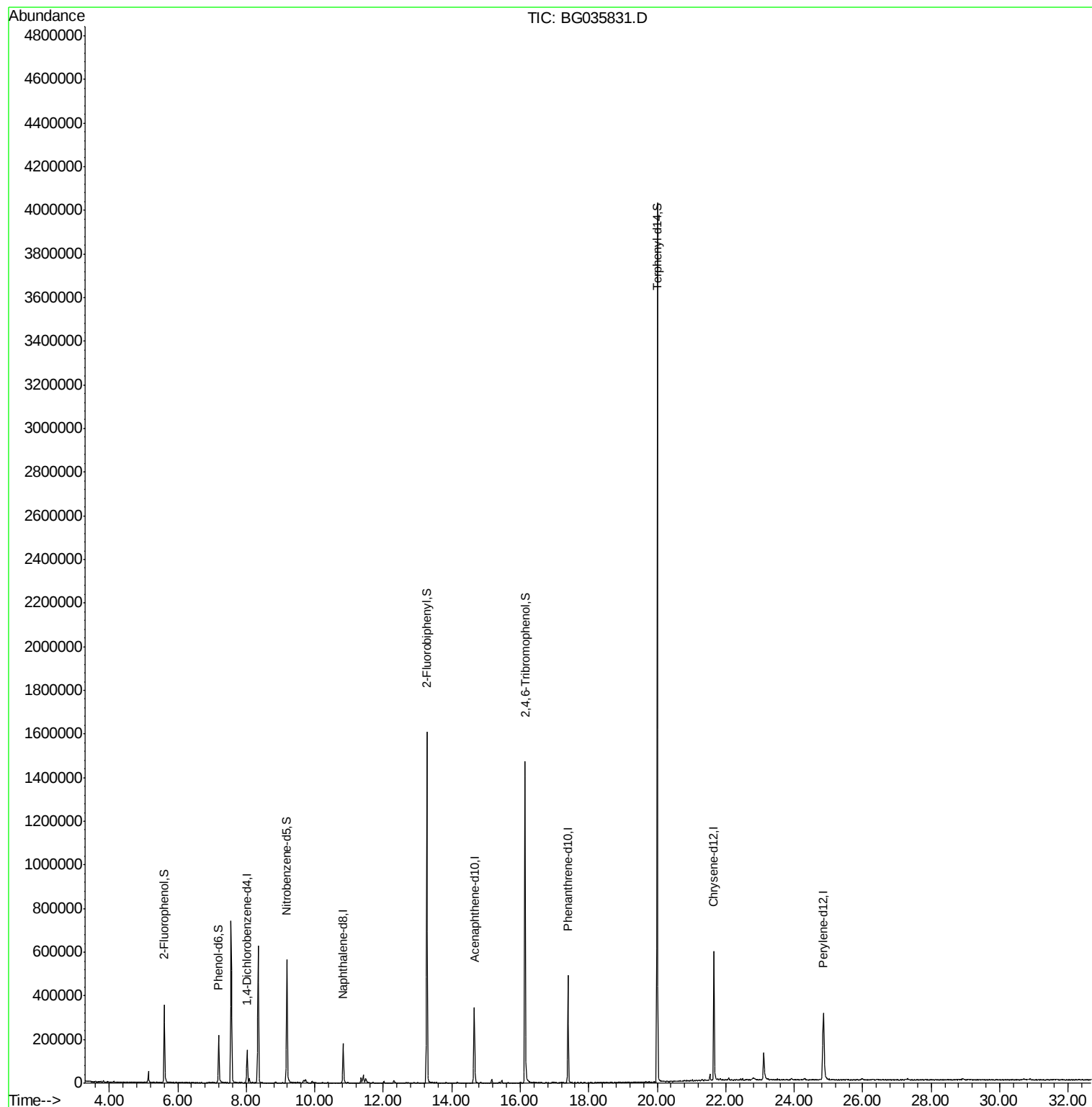
Target Compounds Qvalue

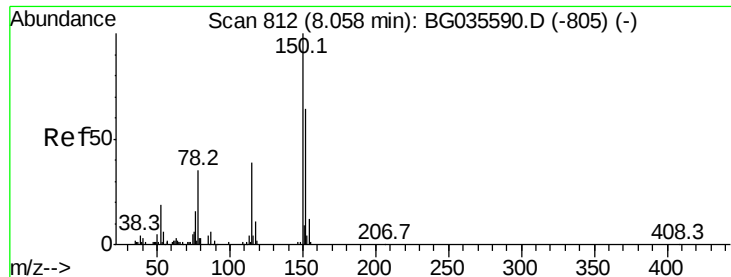
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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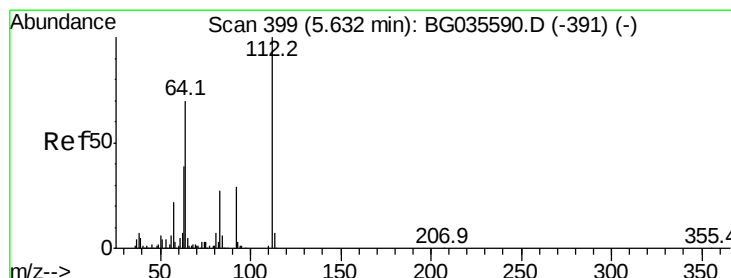
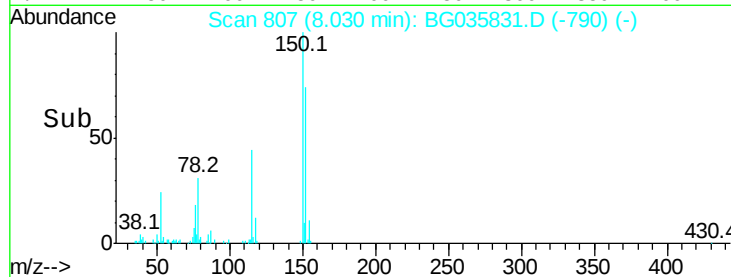
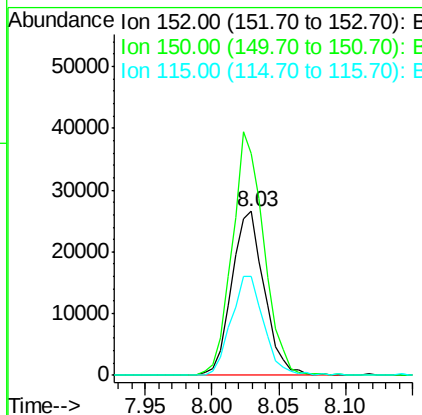
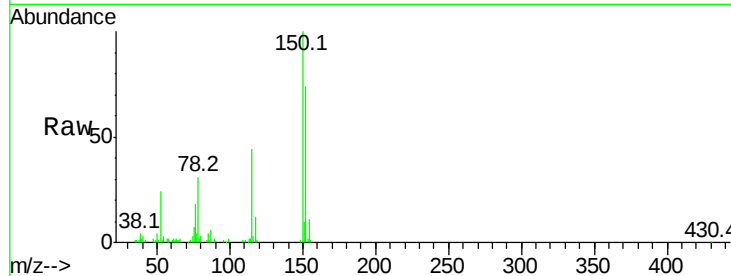


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Instrument :
BNA_G
ClientSampleId :
20180414-FIELDBLANK

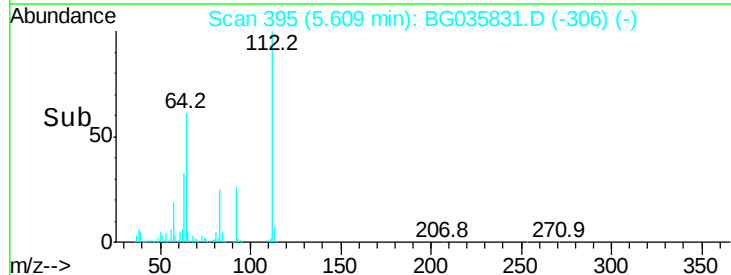
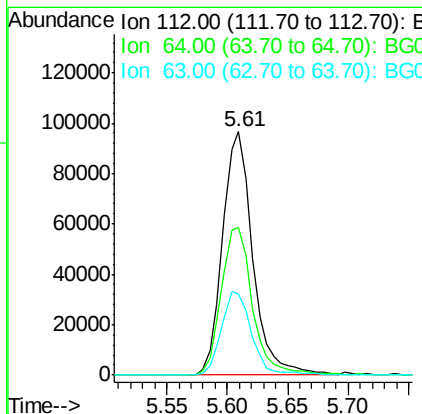
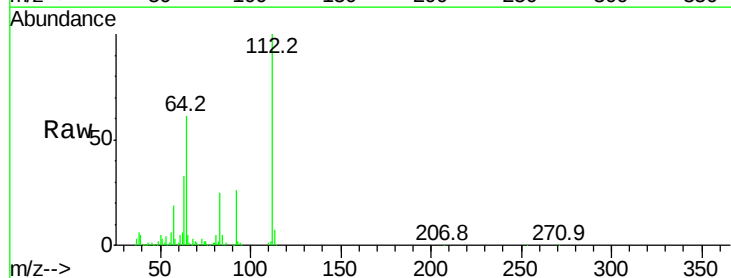
Tot Ion:152 Resp: 44983
Ion Ratio Lower Upper
152 100
150 135.4 126.6 189.8
115 60.2 53.0 79.4

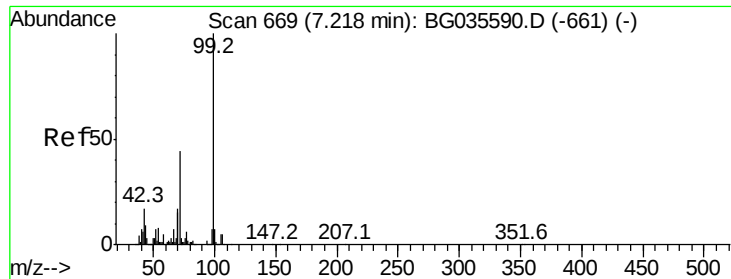


#5

2-Fluorophenol
Concen: 61.771 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Tgt Ion:112 Resp: 167365
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 33.2 30.1 45.1





#7

Phenol-d6

Concen: 35.875 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035831.D

Acq: 23 Jul 2018 17:16

Instrument :

BNA_G

ClientSampleId :

20180414-FIELDBLANK

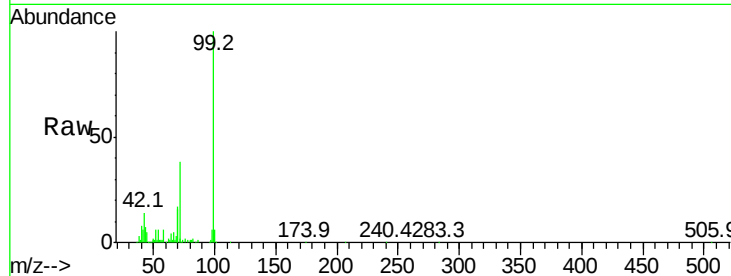
Tot Ion: 99 Resp: 145023

Ion Ratio Lower Upper

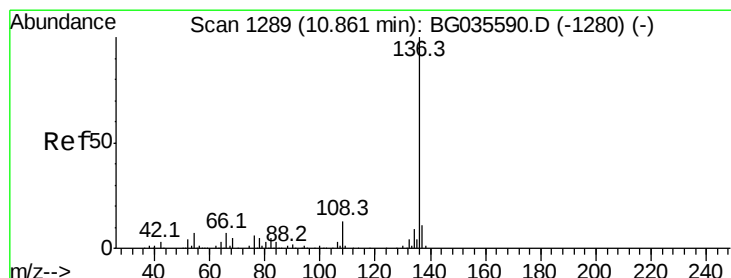
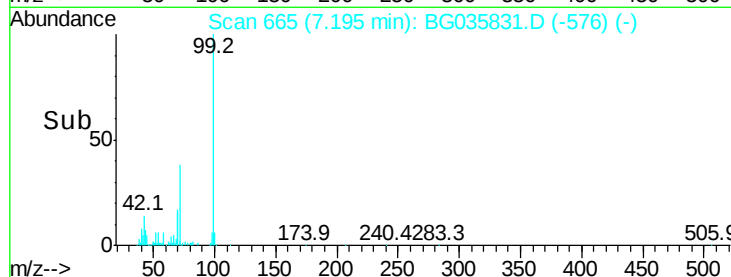
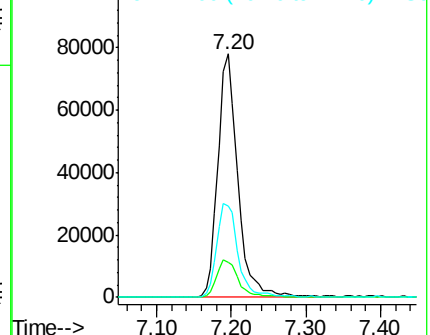
99 100

42 14.3 14.1 21.1

71 37.6 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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035831.D

Acq: 23 Jul 2018 17:16

Tgt Ion: 136 Resp: 160780

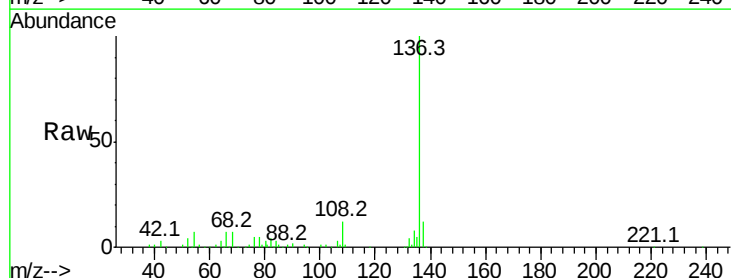
Ion Ratio Lower Upper

136 100

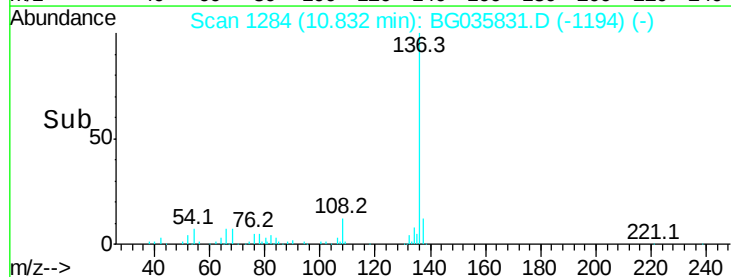
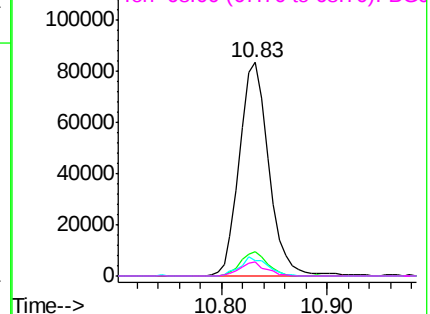
137 11.6 9.2 13.8

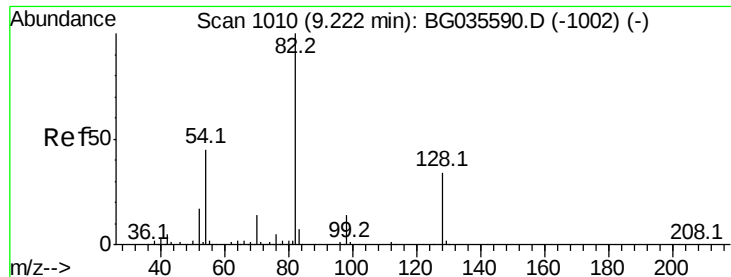
54 7.2 10.3 15.5#

68 6.9 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

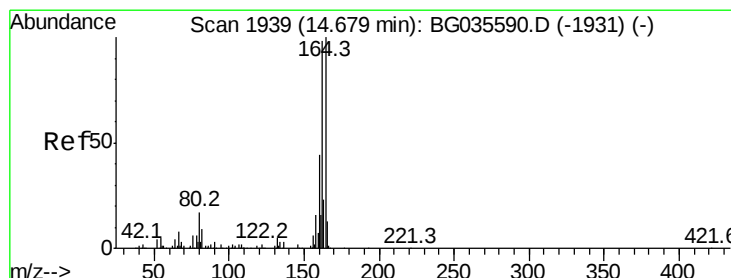
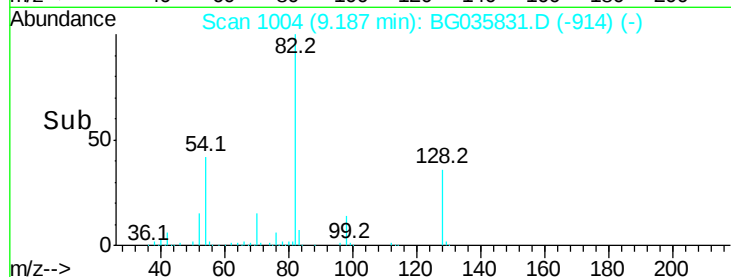
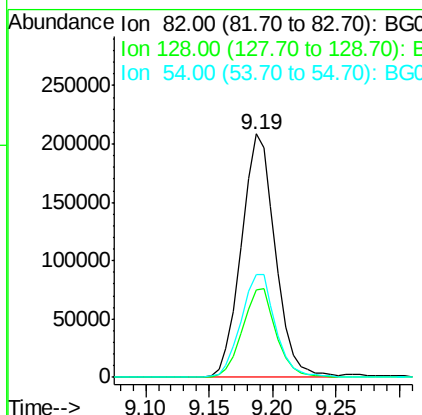
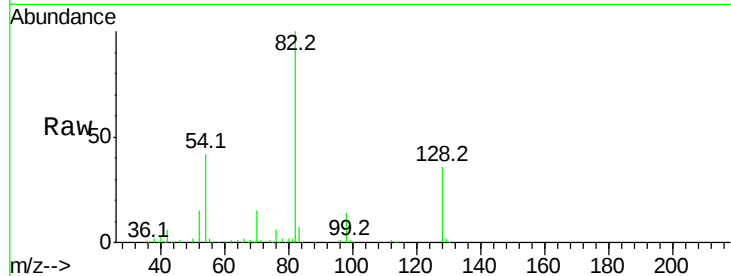




#23
 Nitrobenzene-d5
 Concen: 101.026 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035831.D
 Acq: 23 Jul 2018 17:16

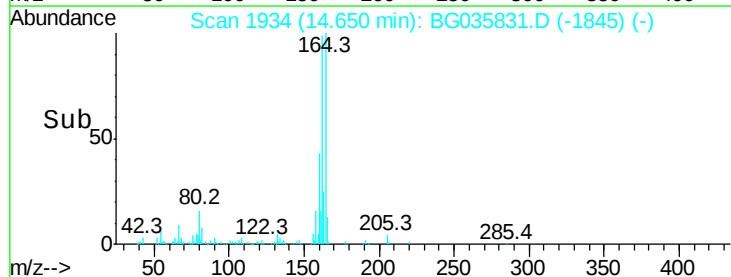
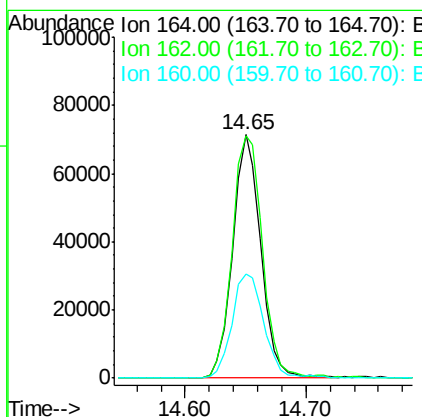
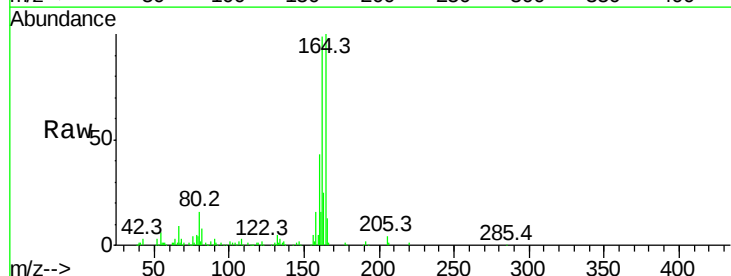
Instrument :
 BNA_G
 ClientSampleId :
 20180414-FIELDBLANK

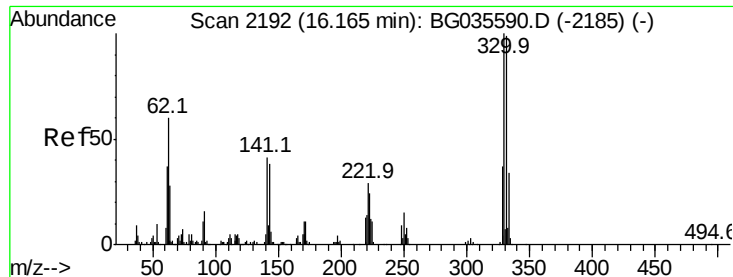
Tot Ion	82	Resp	388823
Ion Ratio	100	Lower	Upper
128	36.1	29.7	44.5
54	42.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035831.D
 Acq: 23 Jul 2018 17:16

Tgt Ion	164	Resp	115705
Ion Ratio	100	Lower	Upper
162	99.5	78.8	118.2
160	42.7	35.4	53.0

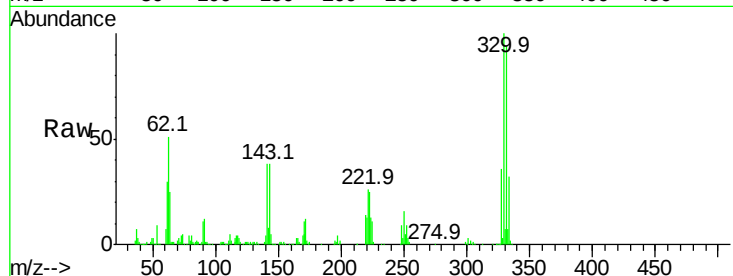




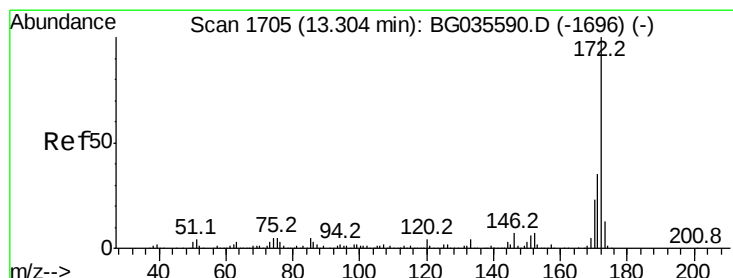
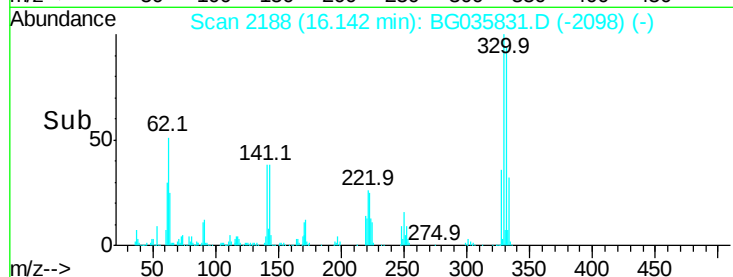
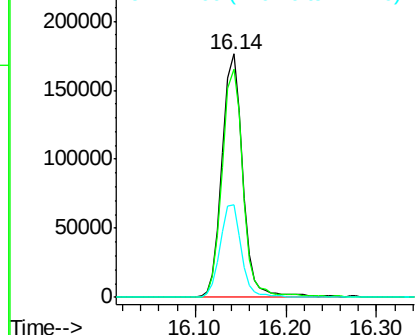
#41
2,4,6-Tribromophenol
Concen: 183.544 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Instrument :
BNA_G
ClientSampleId :
20180414-FIELDBLANK

Tot Ion:330 Resp: 279917
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 38.9 25.2 37.8#

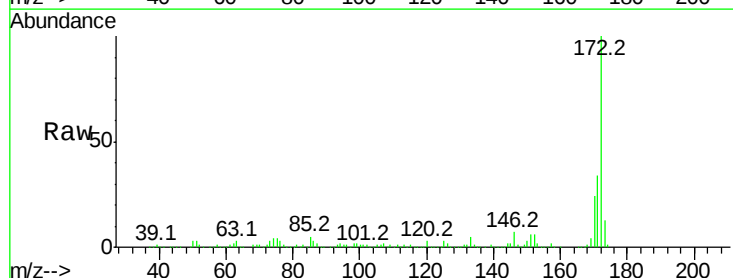


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

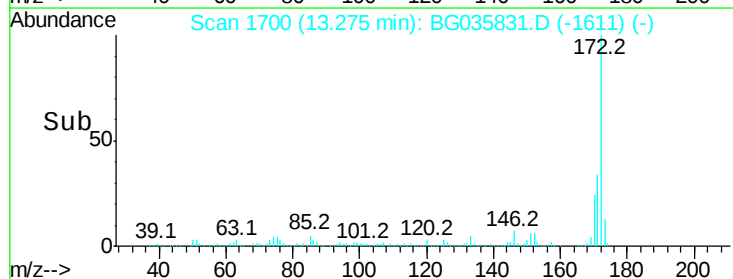
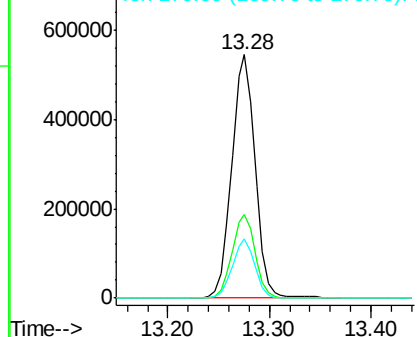


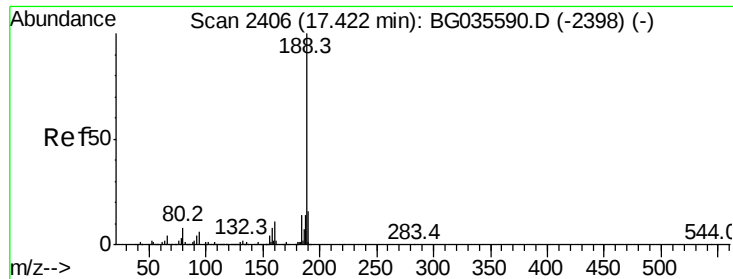
#44
2-Fluorobiphenyl
Concen: 100.785 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Tgt Ion:172 Resp: 870418
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 24.1 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: BG035831.D

Acq: 23 Jul 2018 17:16

Instrument :

BNA_G

ClientSampleId :

20180414-FIELDBLANK

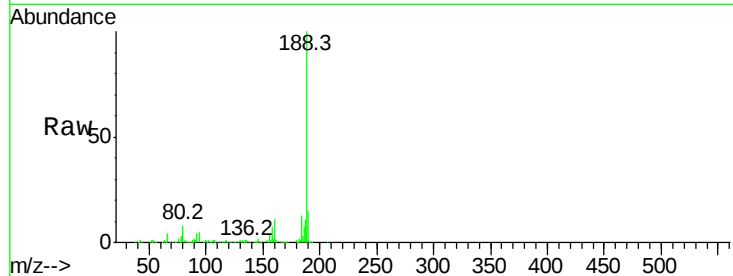
Tot Ion:188 Resp: 334432

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

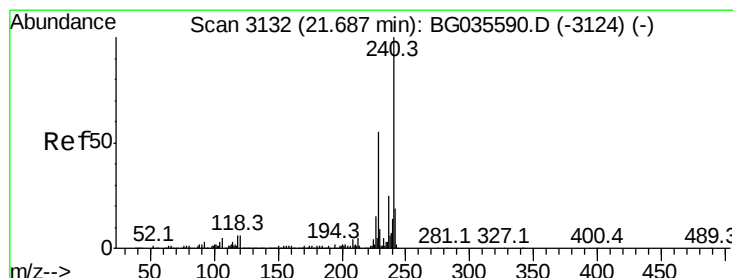
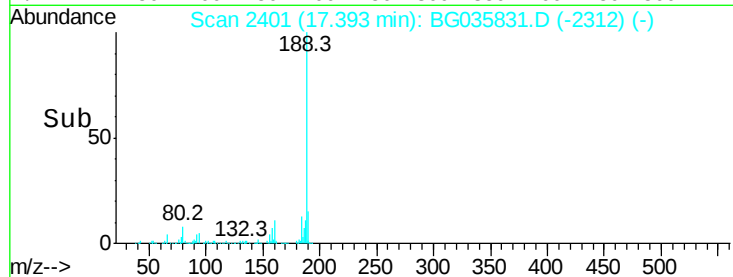
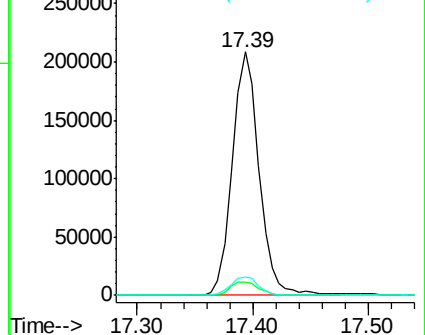
80 7.7 7.7 11.5



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035831.D

Acq: 23 Jul 2018 17:16

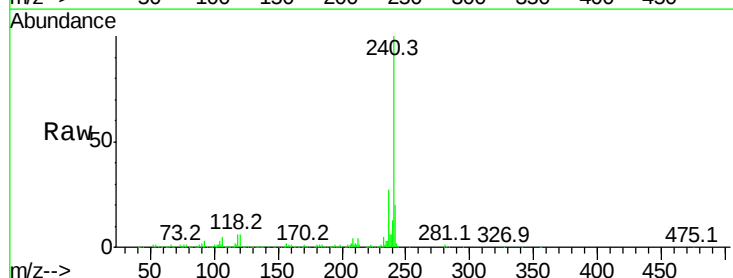
Tgt Ion:240 Resp: 398300

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

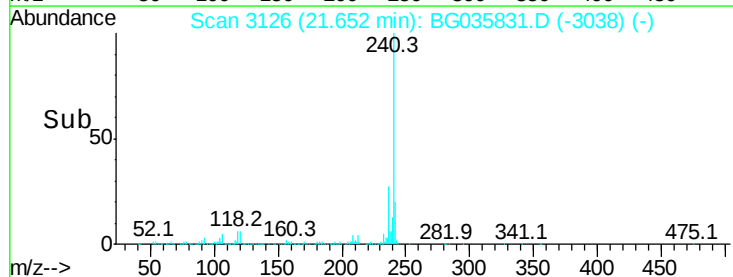
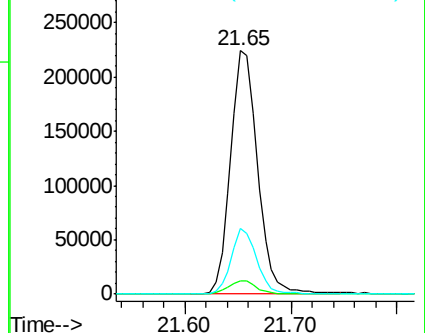
236 27.1 20.9 31.3

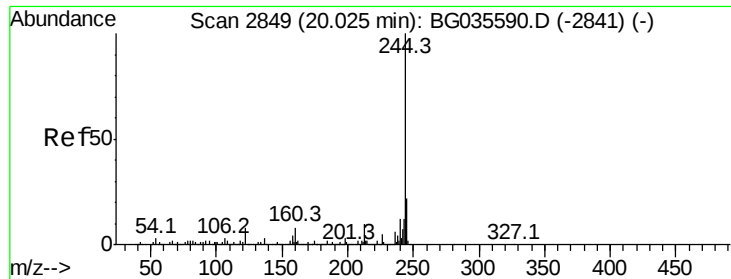


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.920 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035831.D

Acq: 23 Jul 2018 17:16

Instrument :

BNA_G

ClientSampleId :

20180414-FIELDBLANK

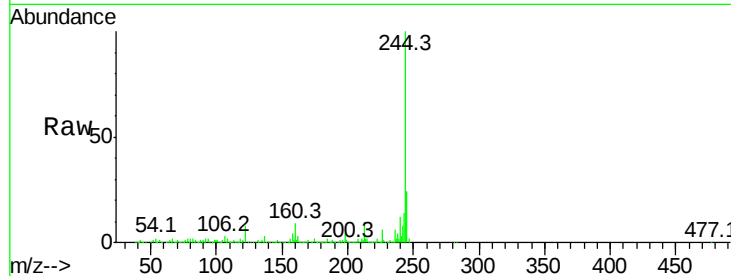
Tot Ion:244 Resp: 1877754

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

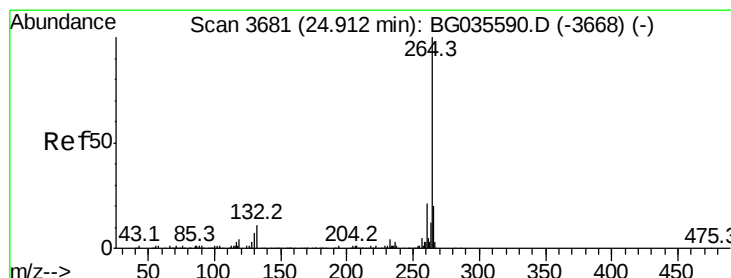
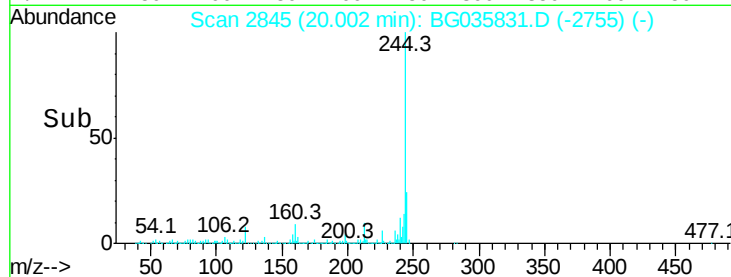
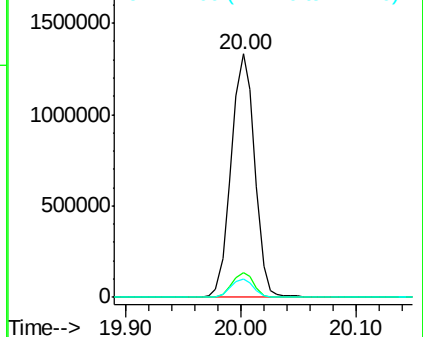
122 7.6 7.0 10.4



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: BG035831.D

Acq: 23 Jul 2018 17:16

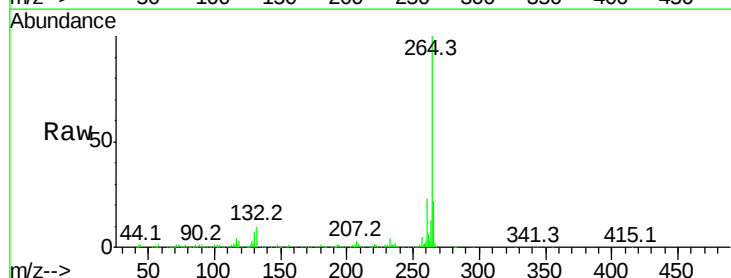
Tgt Ion:264 Resp: 373777

Ion Ratio Lower Upper

264 100

260 22.8 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

