

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 01:32:34 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

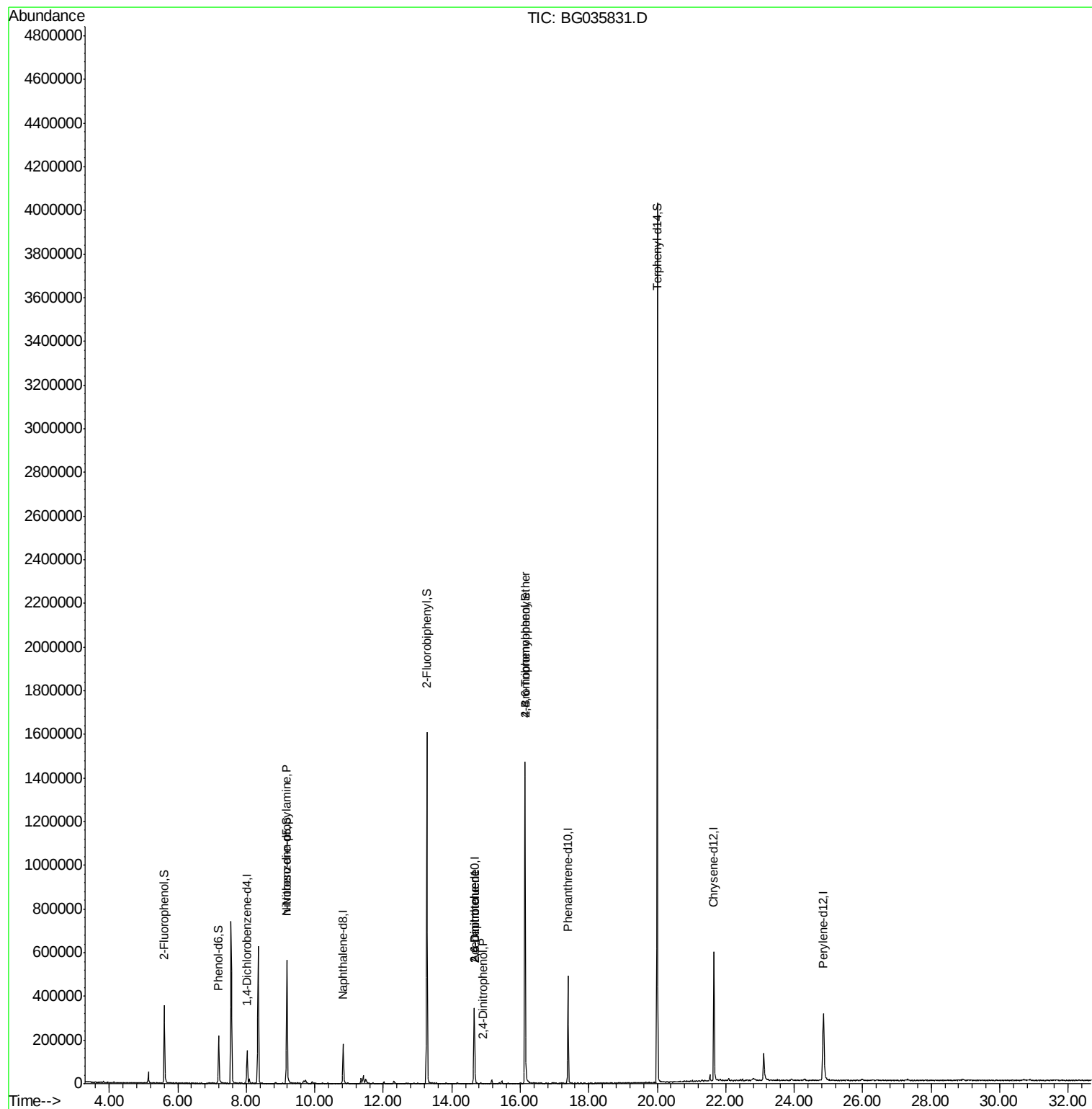
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44983	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160780	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	115705	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	334432	20.00	ng	0.00
75) Chrysene-d12	21.65	240	398300	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						
19) n-Nitroso-di-n-propylamine	9.19	70	53789	15.801	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	16563	8.023	ng	# 23
53) 2,4-Dinitrophenol	14.90	184	54	6.629	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	16563	5.593	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	22981	5.923	ng	# 1

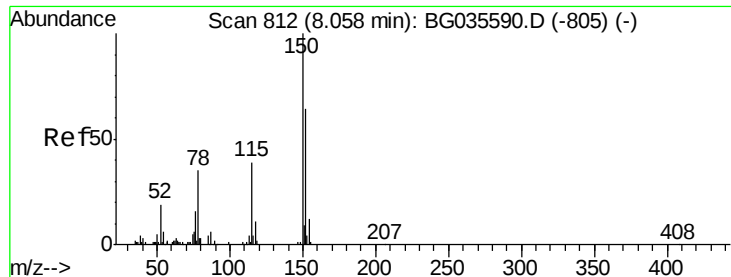
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



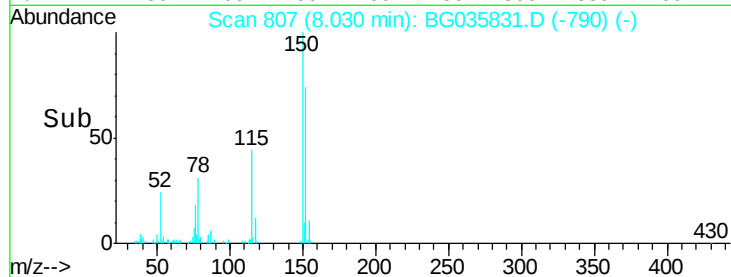
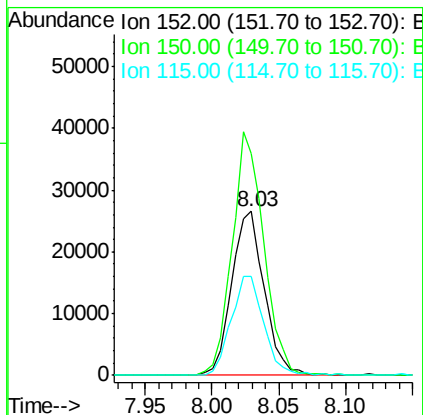
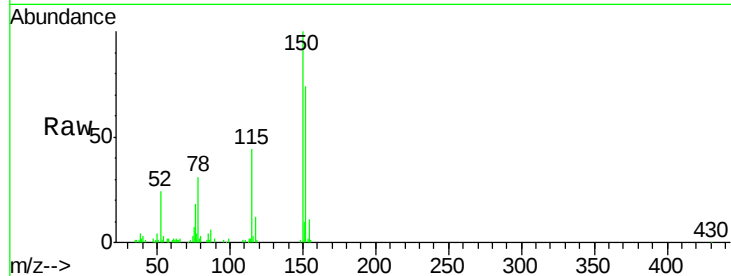


#1

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

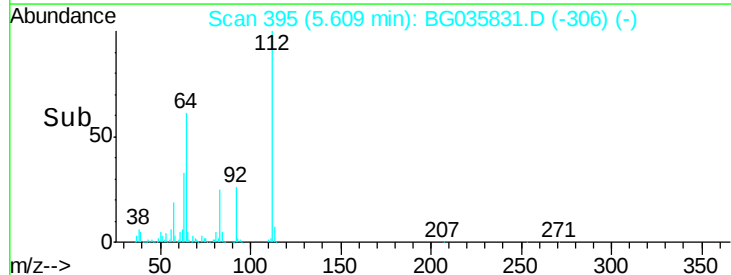
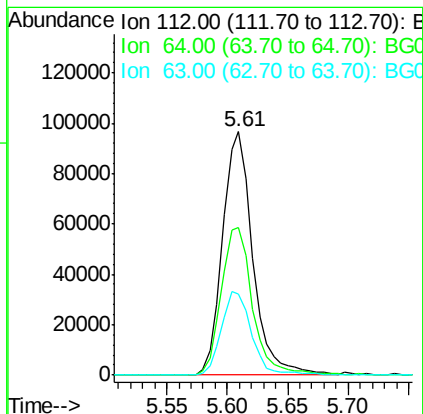
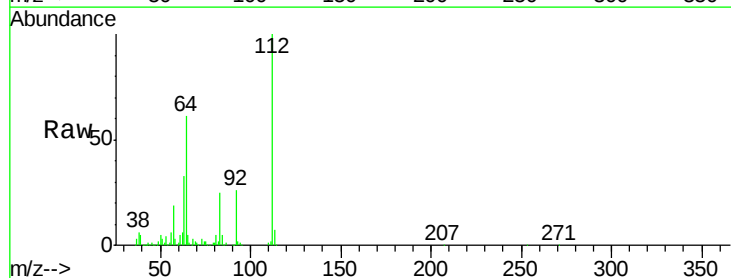
Tgt Ion:152 Resp: 44983
Ion Ratio Lower Upper
152 100
150 135.4 126.6 189.8
115 60.2 53.0 79.4

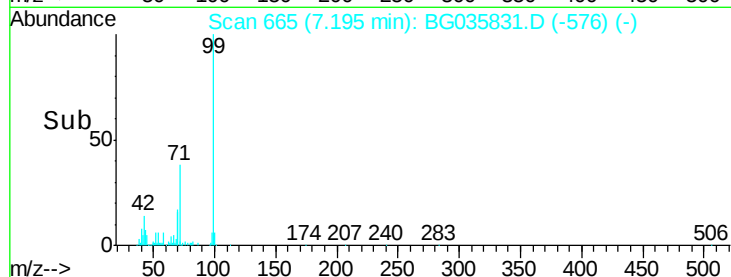
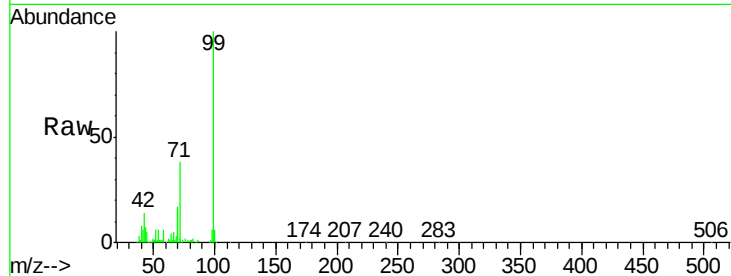
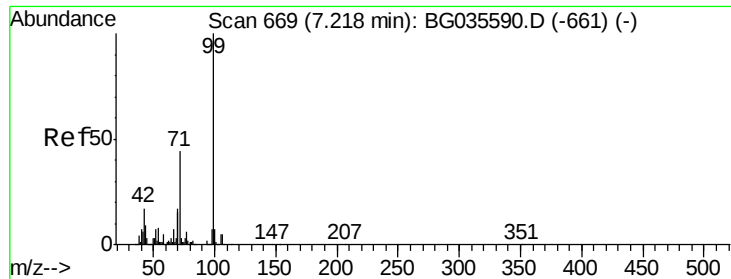


#5

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

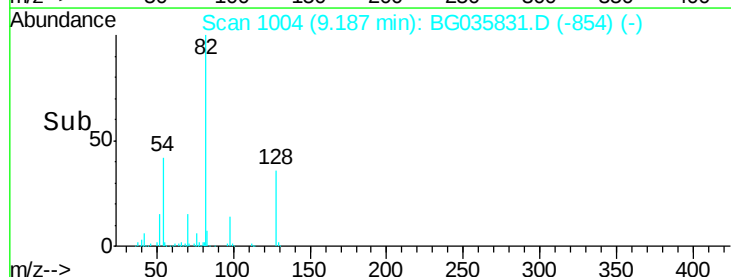
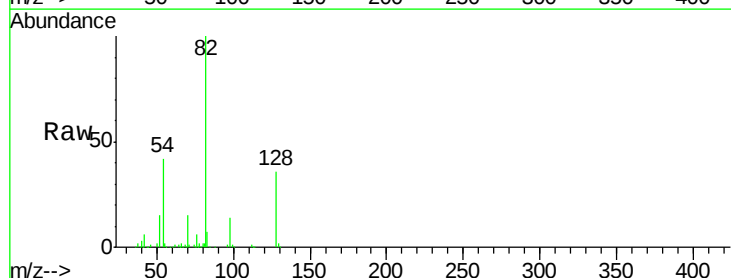
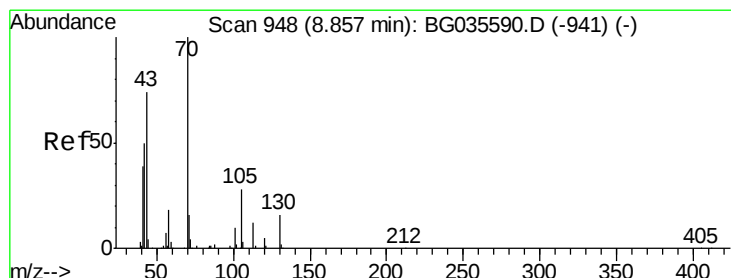
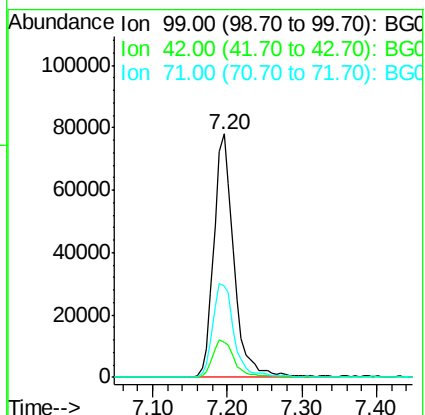
Tgt Ion: 99 Resp: 145023

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

71 37.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.801 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035831.D

Acq: 23 Jul 2018 17:16

Tgt Ion: 70 Resp: 53789

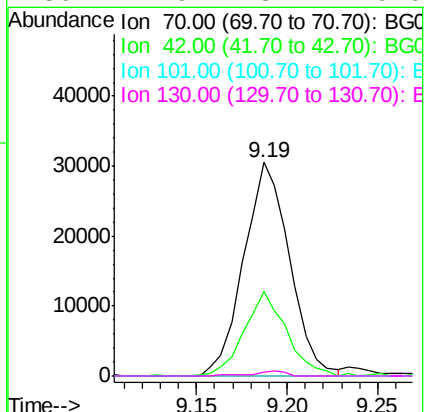
Ion Ratio Lower Upper

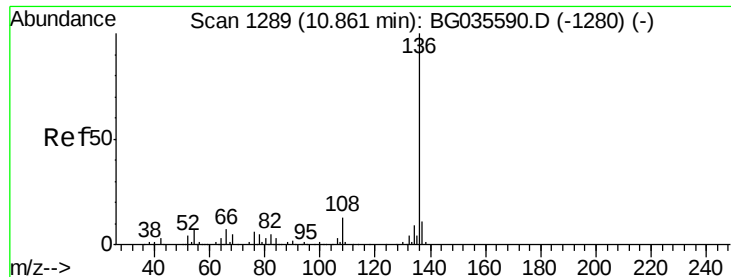
70 100

42 39.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

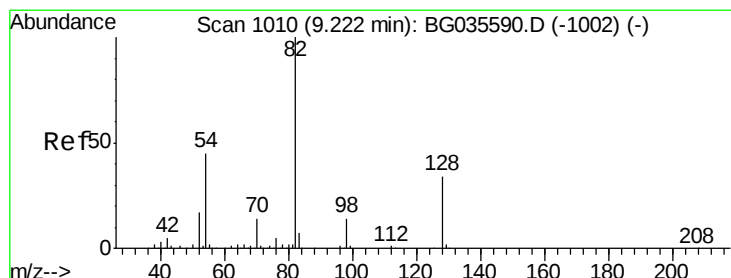
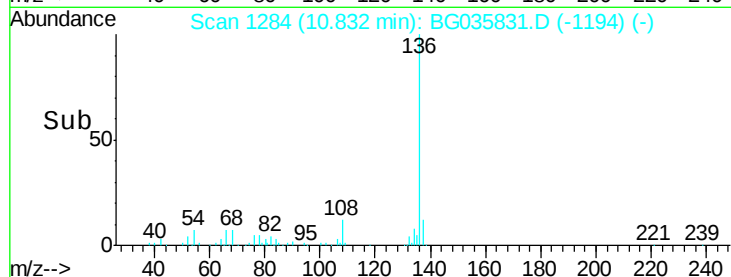
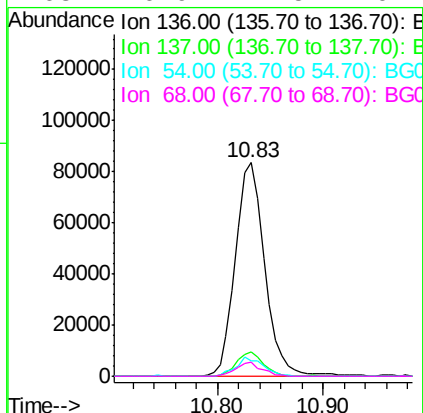
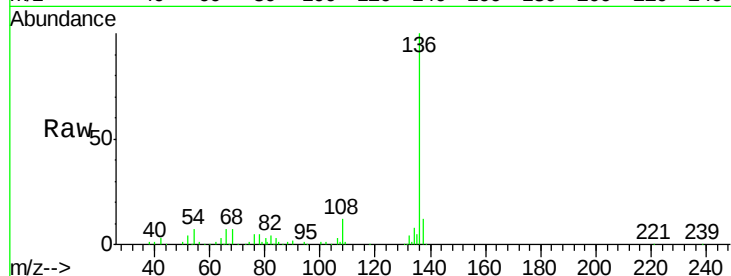




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

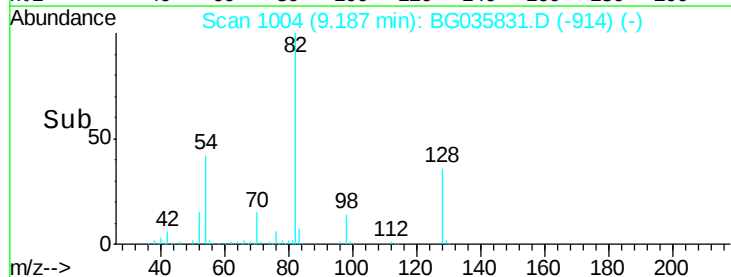
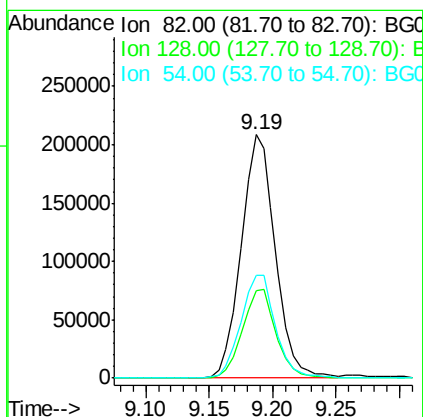
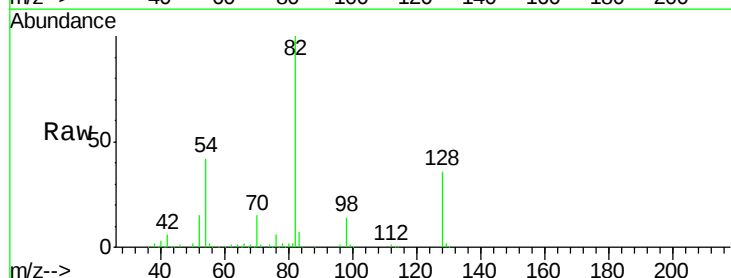
Instrument :
BNA_G
ClientSampleId :
20180414-FIELDBLANK

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#



#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

Tgt Ion:	82	Resp:	388823
Ion	Ratio	Lower	Upper
82	100		
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

Instrument :

BNA_G

ClientSampleId :

20180414-FIELDBLANK

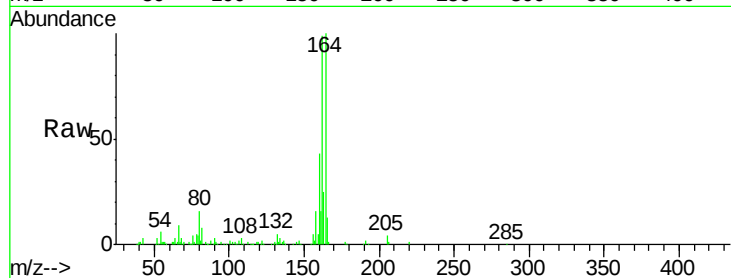
Tgt Ion:164 Resp: 115705

Ion Ratio Lower Upper

164 100

162 99.5 78.8 118.2

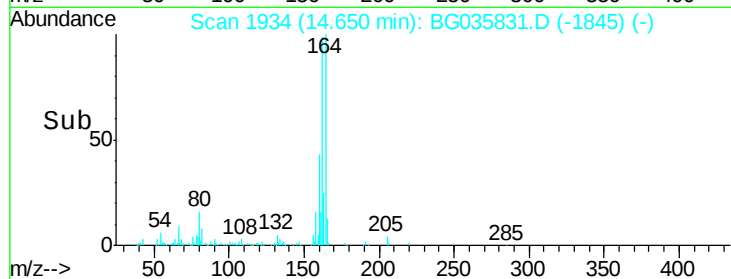
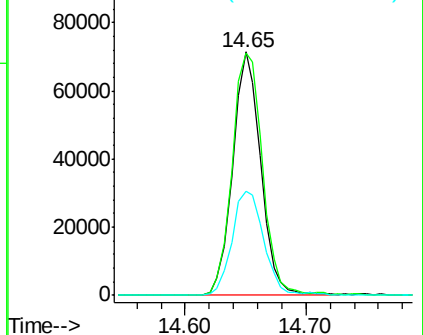
160 42.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

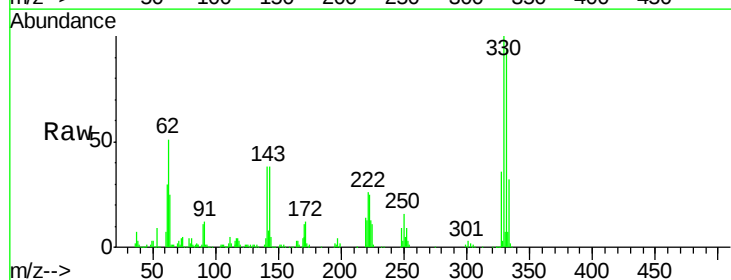
Tgt Ion:330 Resp: 279917

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

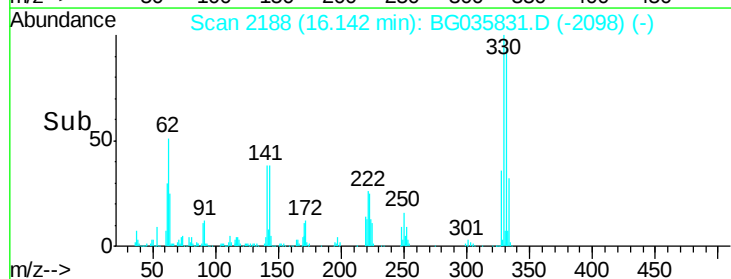
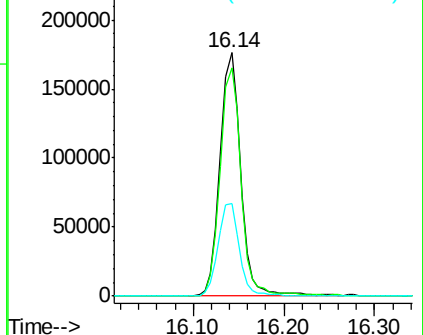
141 38.9 25.2 37.8#

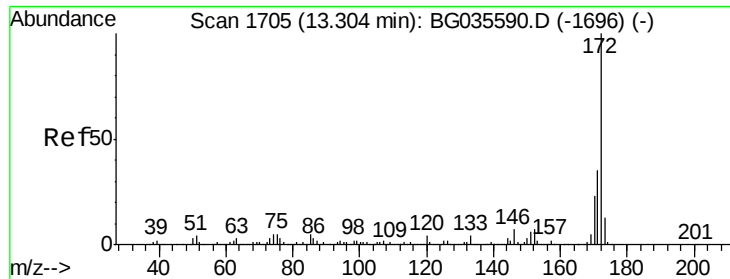


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

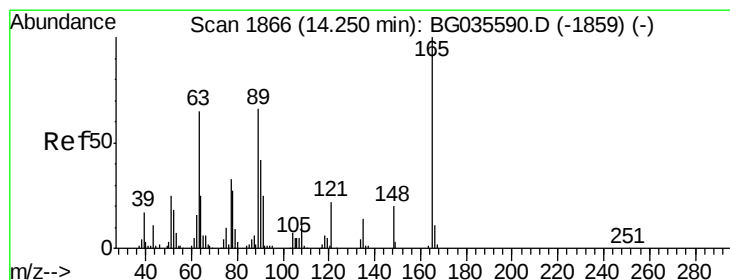
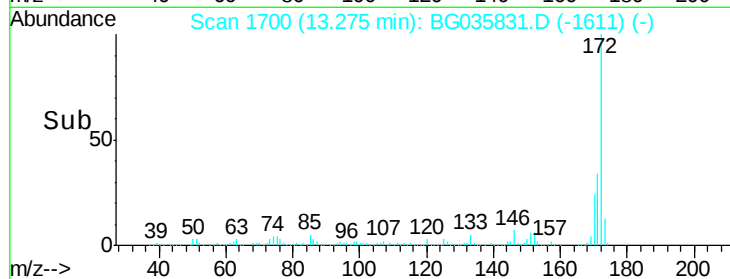
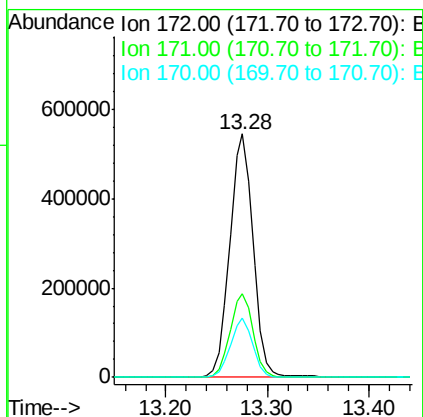
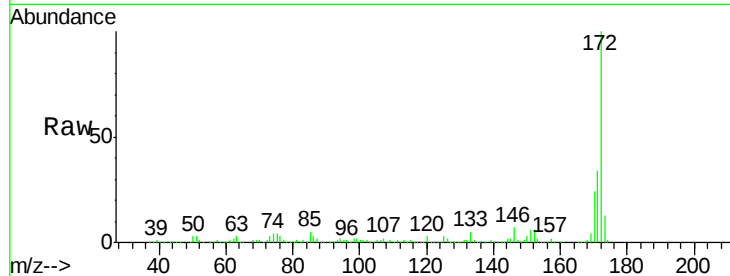




#44
 2-Fluorobiphenyl
 Concen: 100.785 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035831.D
 Acq: 23 Jul 2018 17:16

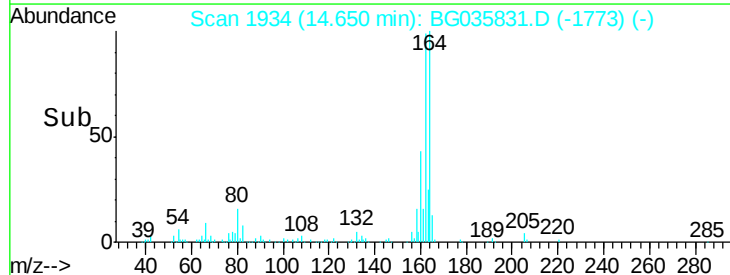
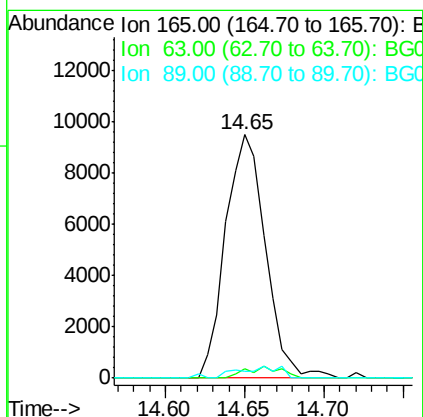
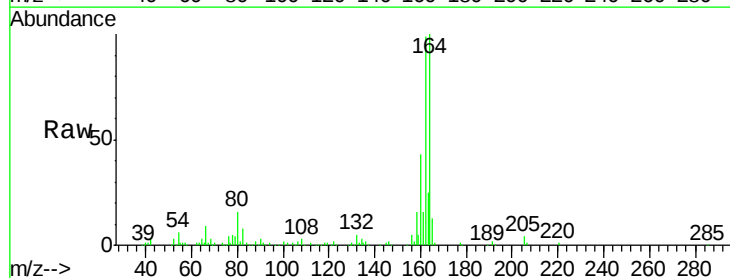
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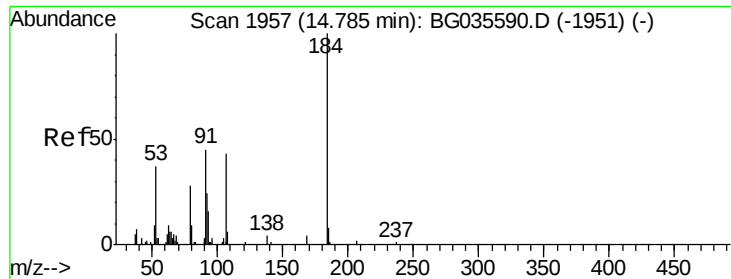
Tgt Ion:172 Resp: 870418
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 24.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.023 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035831.D
 Acq: 23 Jul 2018 17:16

Tgt Ion:165 Resp: 16563
 Ion Ratio Lower Upper
 165 100
 63 3.9 52.7 79.1#
 89 2.7 49.2 73.8#

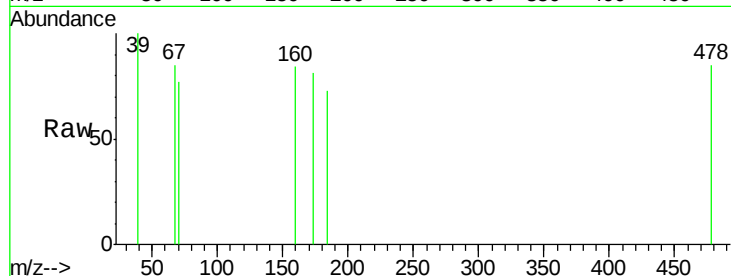




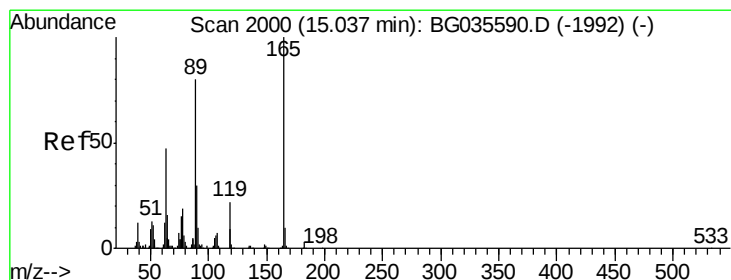
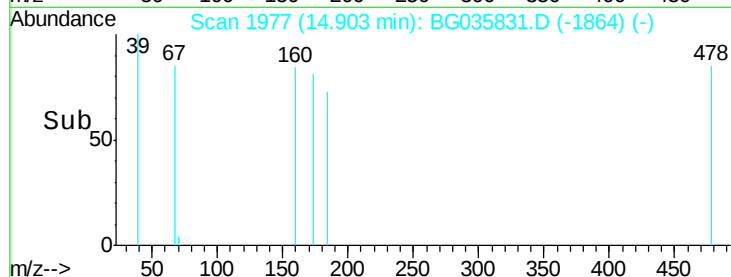
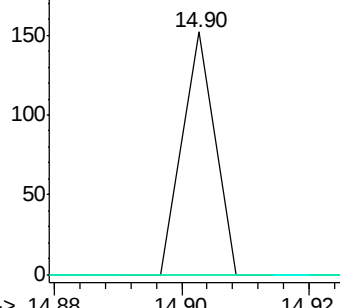
#53
2,4-Dinitrophenol
Concen: 6.629 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.14 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Instrument :
BNA_G
ClientSampleId :
20180414-FIELDBLANK

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



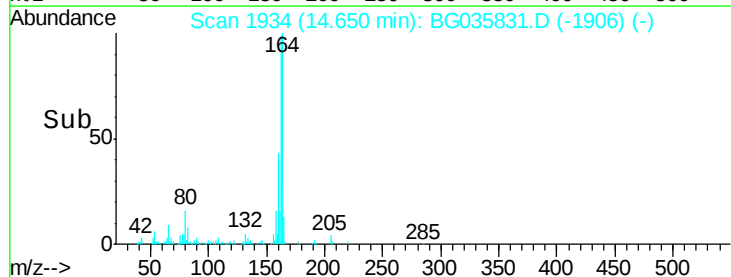
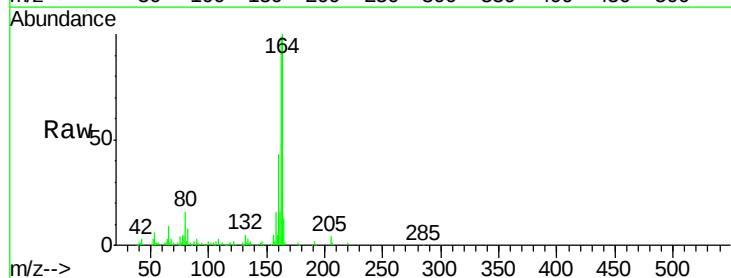
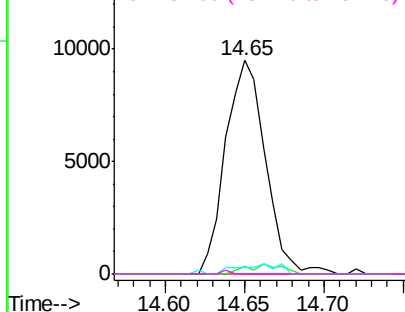
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E



#56
2,4-Dinitrotoluene
Concen: 5.593 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Tgt Ion:165 Resp: 16563
Ion Ratio Lower Upper
165 100
63 3.9 42.0 63.0#
89 2.7 66.9 100.3#
182 0.0 2.6 3.8#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

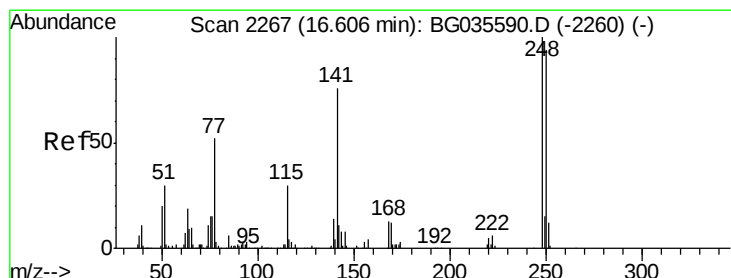
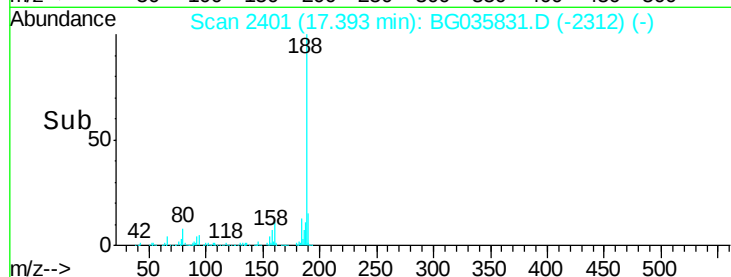
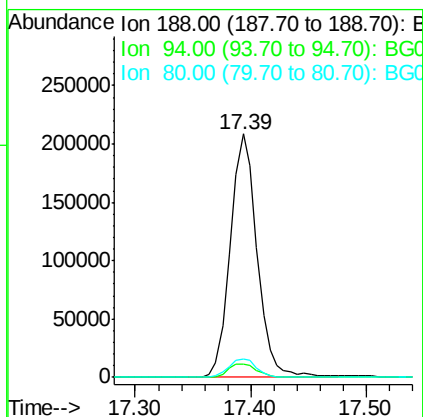
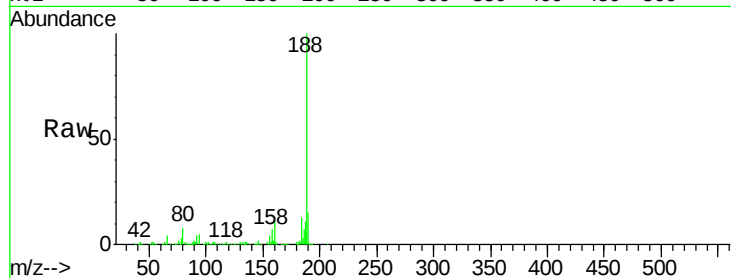




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

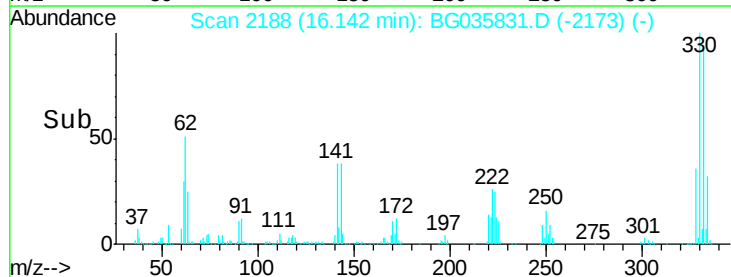
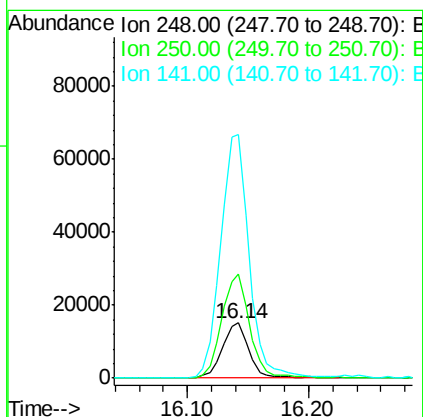
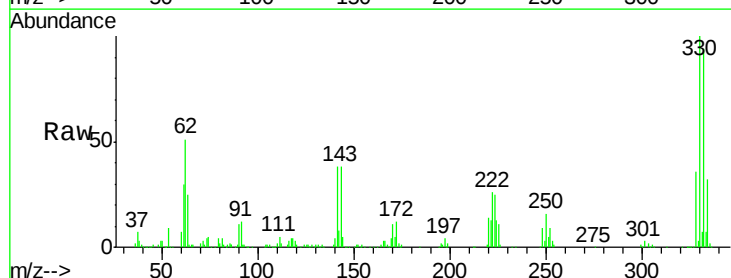
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ClientSampleId :
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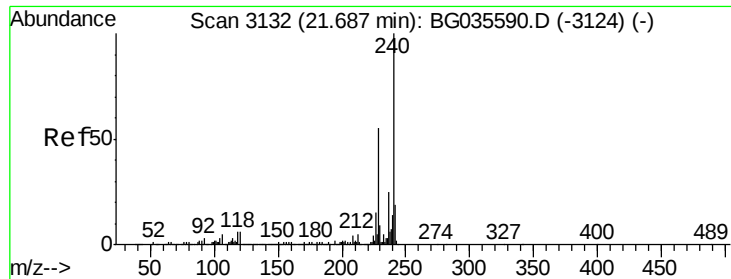
Tgt Ion:188 Resp: 334432
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.7 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.923 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035831.D
Acq: 23 Jul 2018 17:16

Tgt Ion:248 Resp: 22981
Ion Ratio Lower Upper
248 100
250 188.8 77.1 115.7#
141 442.1 50.8 76.2#





#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

Instrument :

BNA_G

ClientSampleId :

20180414-FIELDBLANK

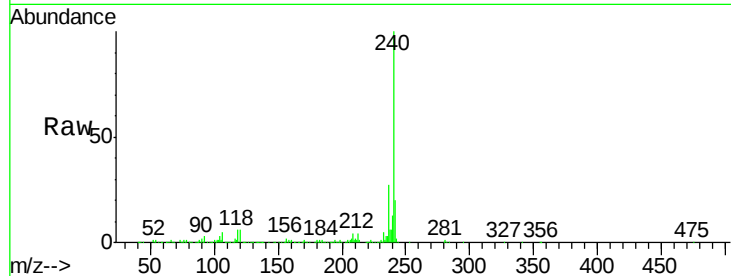
Tgt Ion:240 Resp: 398300

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

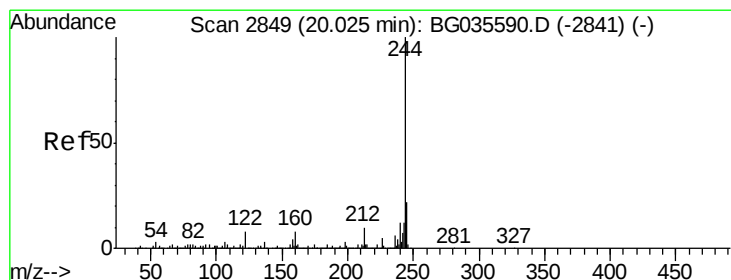
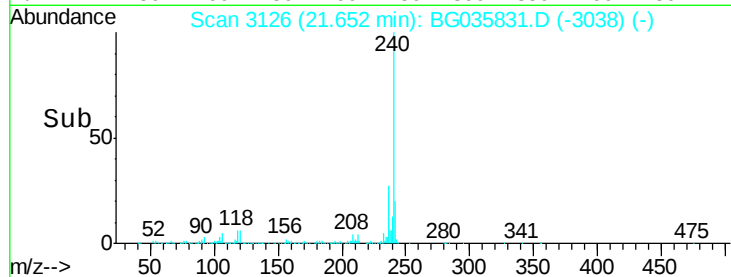
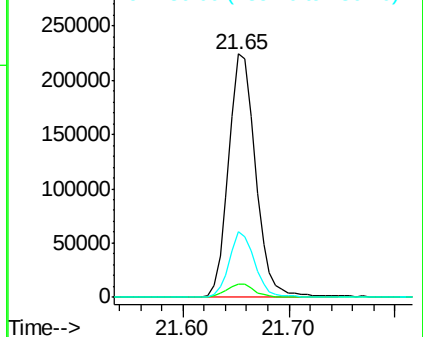
236 27.1 20.9 31.3



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

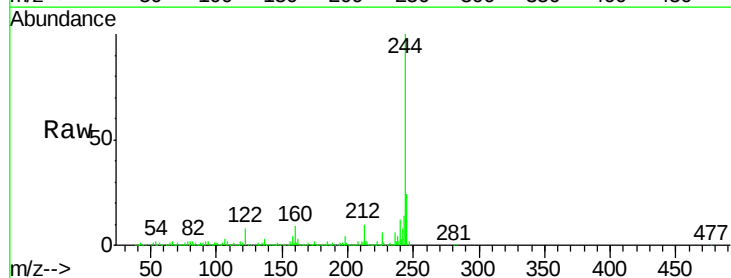
Tgt Ion:244 Resp: 1877754

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

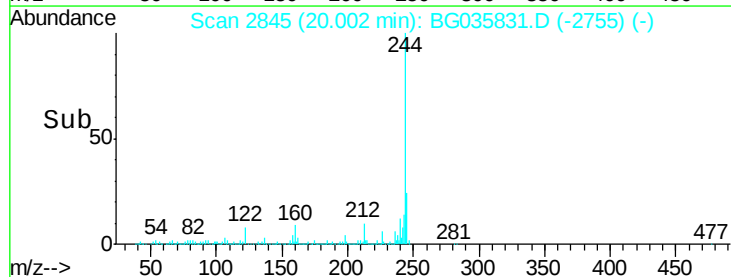
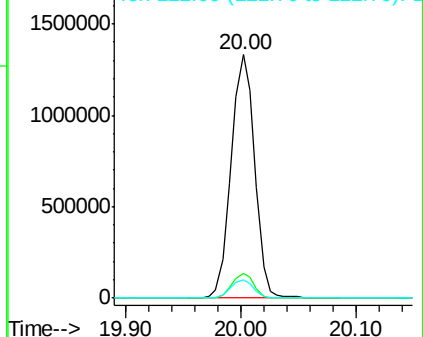
122 7.6 7.0 10.4

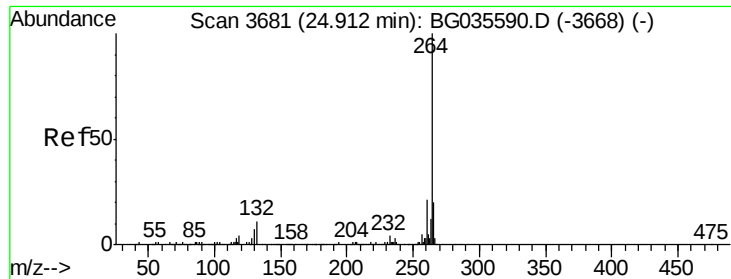


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
 BNA_G
 ClientSampleId :
 20180414-FIELDBLANK

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

