

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035260.D
 Acq On : 19 Jun 2018 22:54
 Operator : SJ/JU
 Sample : PB110338TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 01:08:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

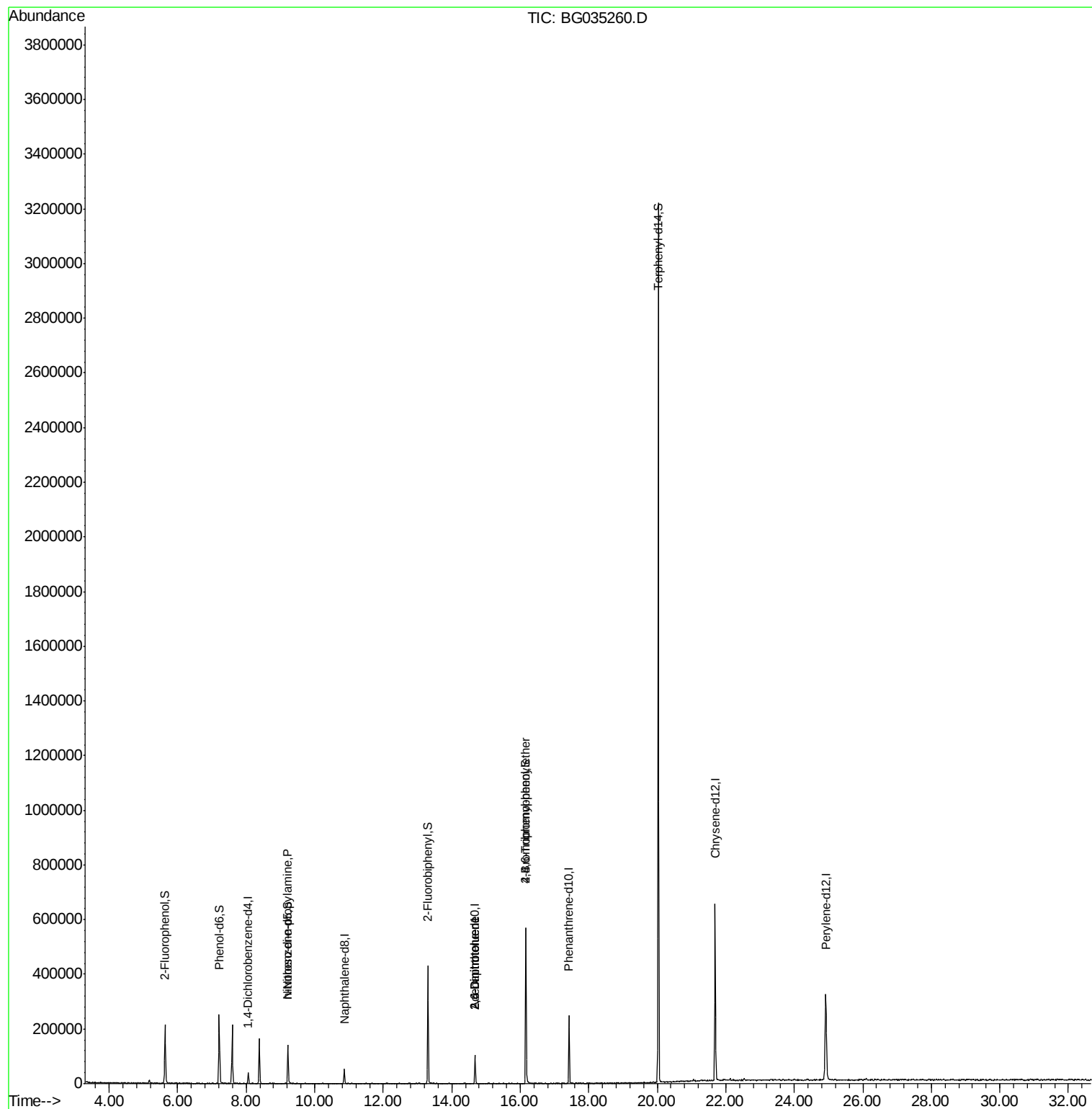
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	11990	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	46216	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	34799	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	165344	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	421505	20.00	ng	-0.03
86) Perylene-d12	24.92	264	360147	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103421	145.57	ng	-0.02
7) Phenol-d6	7.21	99	163935	156.33	ng	-0.02
23) Nitrobenzene-d5	9.22	82	90813	93.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	114429	256.87	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	242890	90.74	ng	-0.02
78) Terphenyl-d14	20.03	244	1533984	76.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	13111	14.717	ng	# 65
50) 2,6-Dinitrotoluene	14.68	165	4914	8.876	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	4914	6.682	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	8804	4.422	ng	# 1

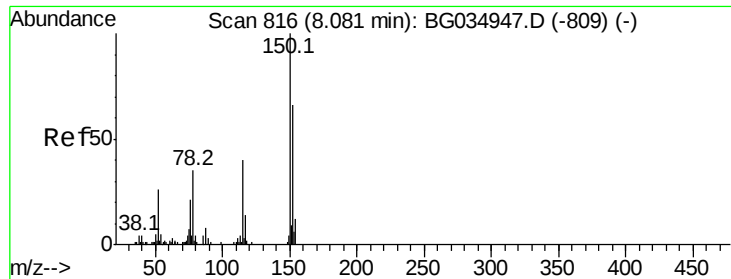
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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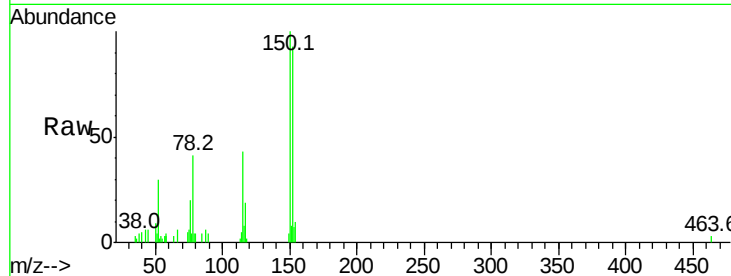


#1

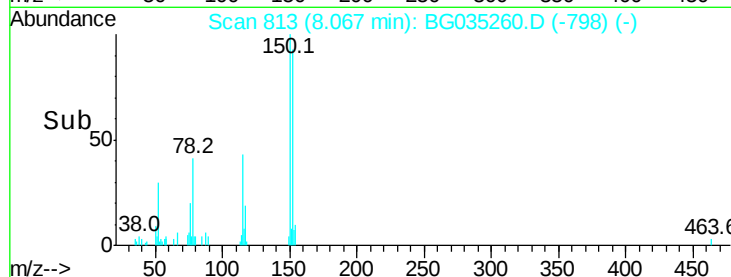
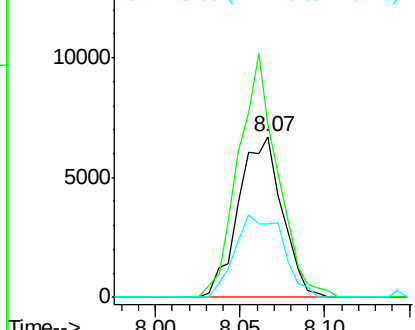
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	107.6	126.6	189.8#
115	45.8	53.0	79.4#



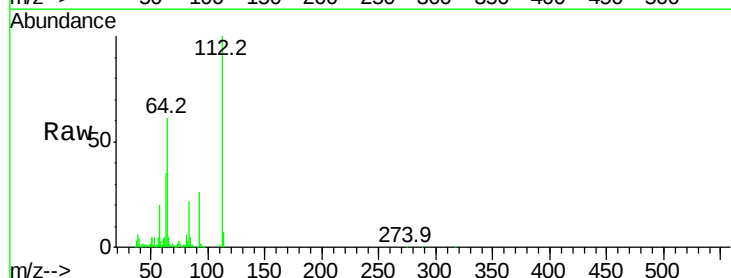
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



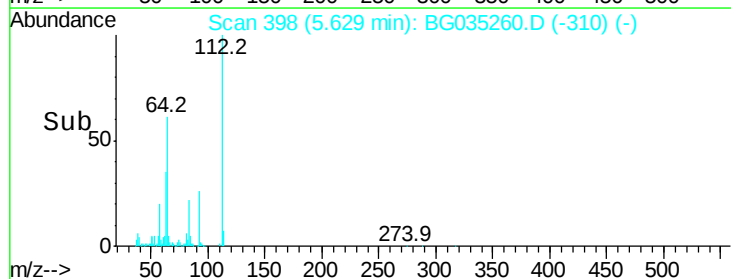
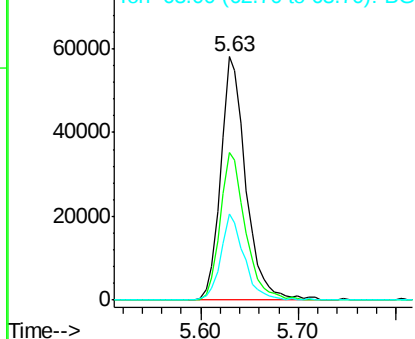
#5

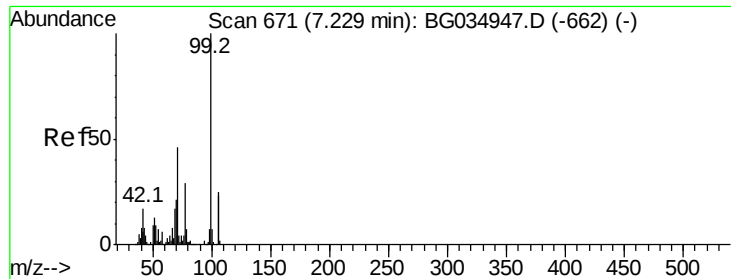
2-Fluorophenol
Concen: 145.566 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	56.3	84.5
63	35.3	30.1	45.1



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





#7

Phenol-d6

Concen: 156.335 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

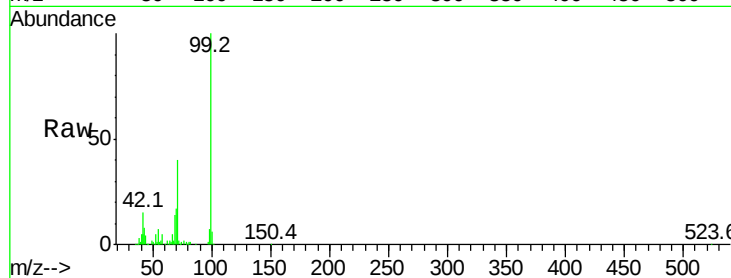
Tot Ion: 99 Resp: 163935

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 39.9 26.1 39.1#

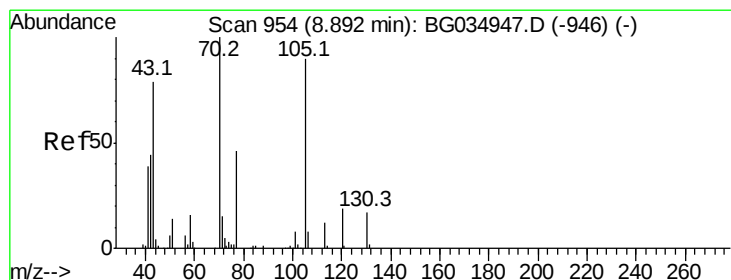
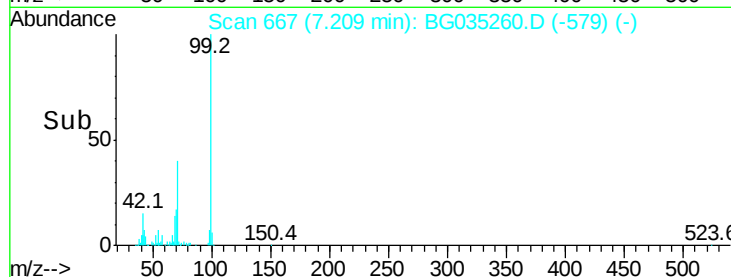
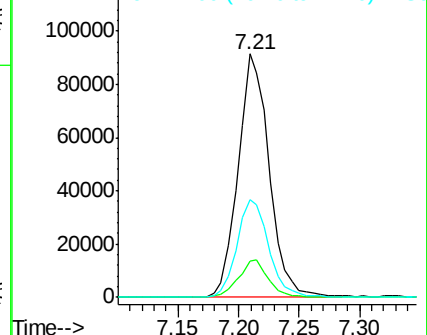


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 14.717 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Tgt Ion: 70 Resp: 13111

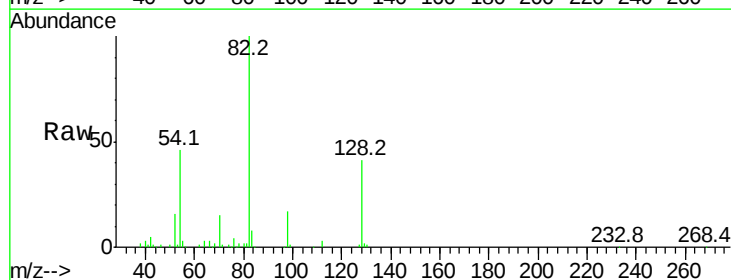
Ion Ratio Lower Upper

70 100

42 33.3 49.1 73.7#

101 0.0 8.5 12.7#

130 3.4 13.4 20.0#



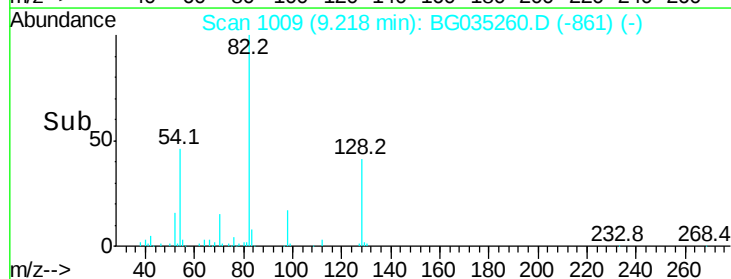
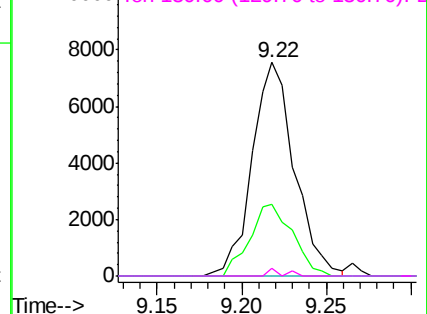
Abundance

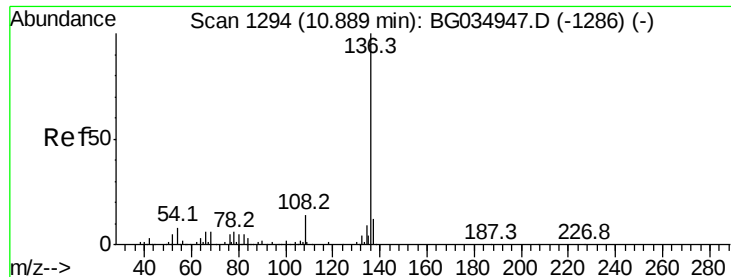
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035260.D

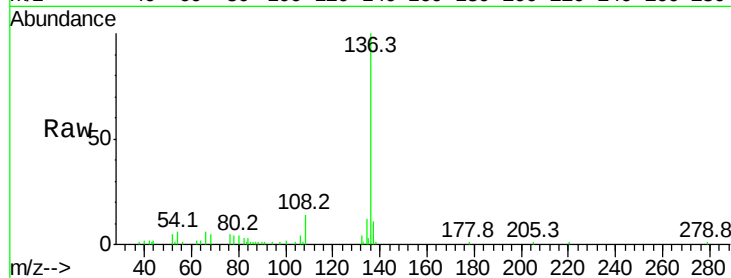
Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	46216
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	5.6	10.3 15.5#
68	5.4	4.5 6.7

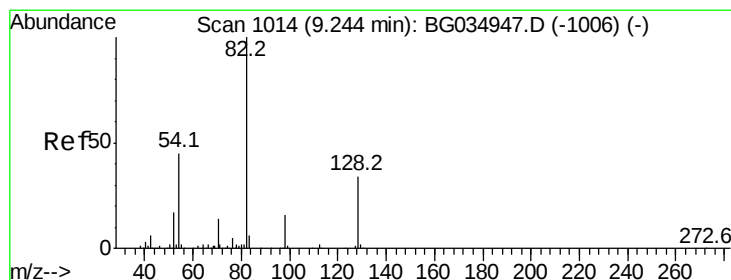
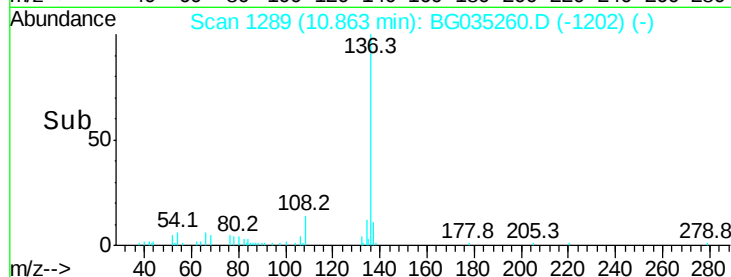
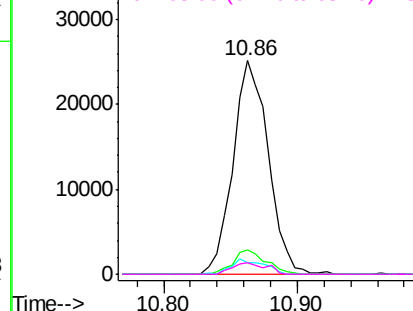


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 93.404 ng

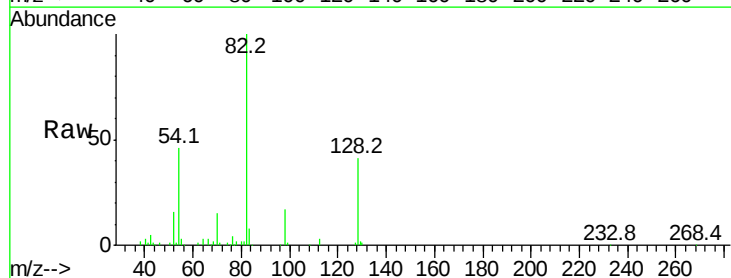
RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

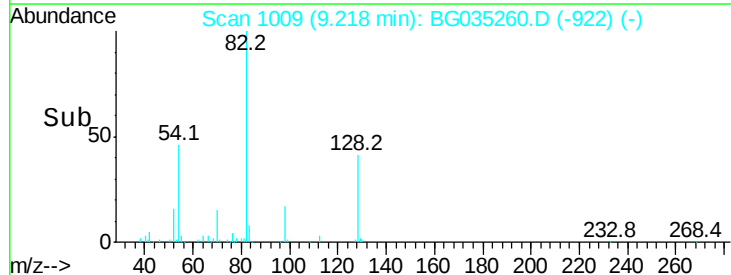
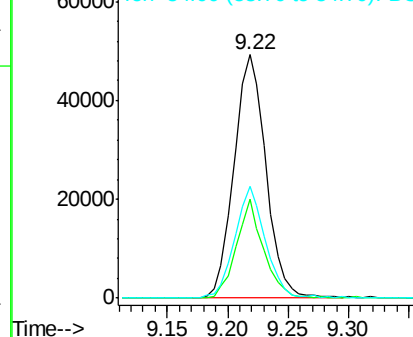
Tgt Ion: 82	Resp:	90813
Ion	Ratio	Lower Upper
82	100	
128	40.7	29.7 44.5
54	46.1	43.1 64.7

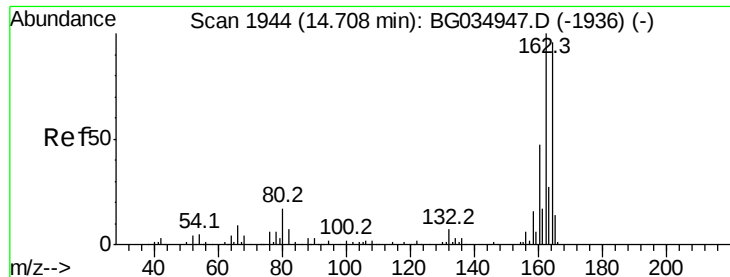


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

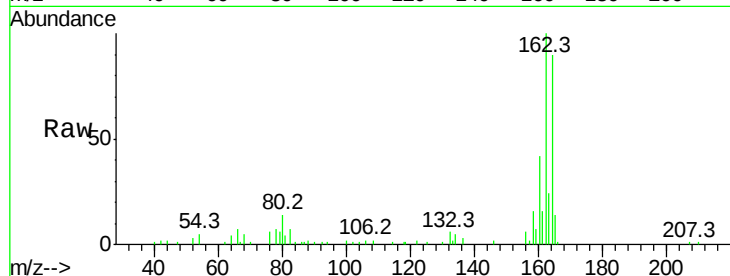
Tot Ion:164 Resp: 34799

Ion Ratio Lower Upper

164 100

162 111.2 78.8 118.2

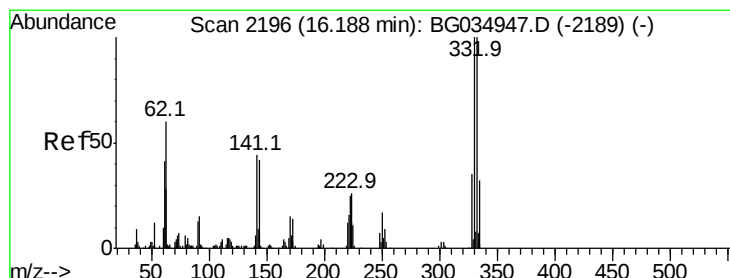
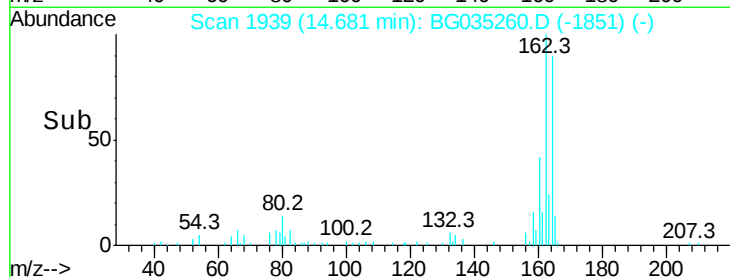
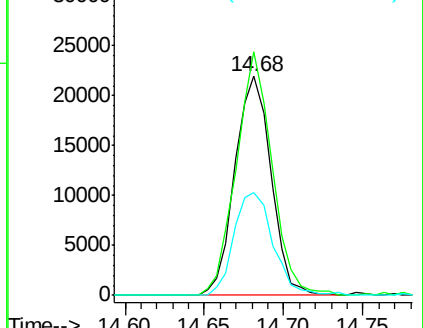
160 46.9 35.4 53.0



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: 256.872 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

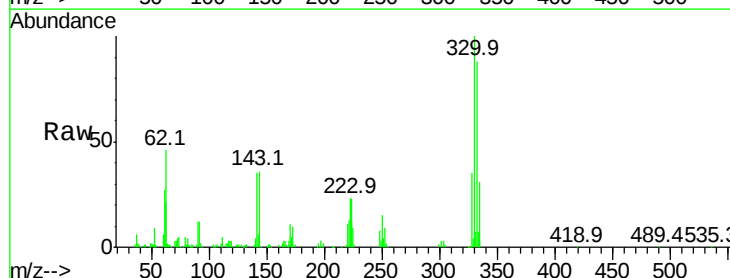
Tgt Ion:330 Resp: 114429

Ion Ratio Lower Upper

330 100

332 92.8 77.0 115.6

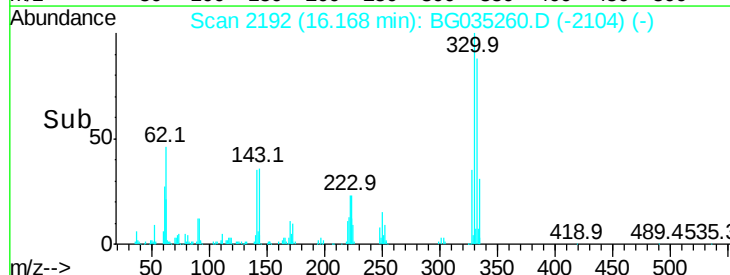
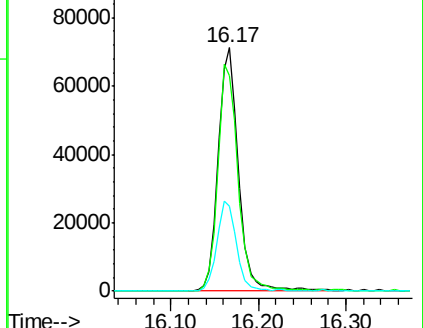
141 36.0 25.2 37.8

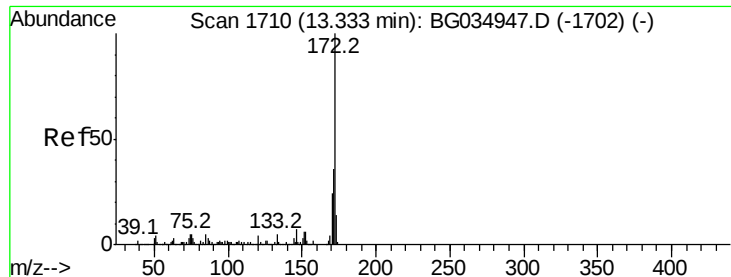


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

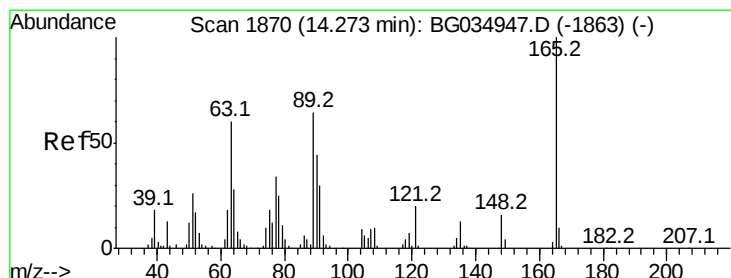
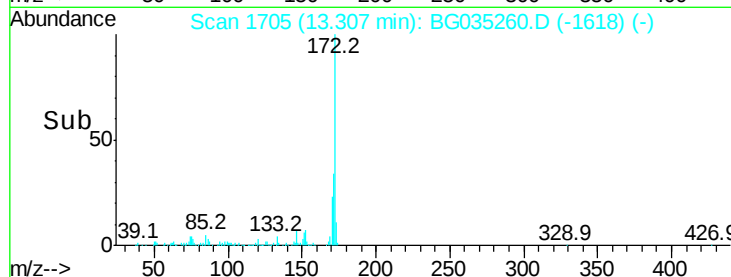
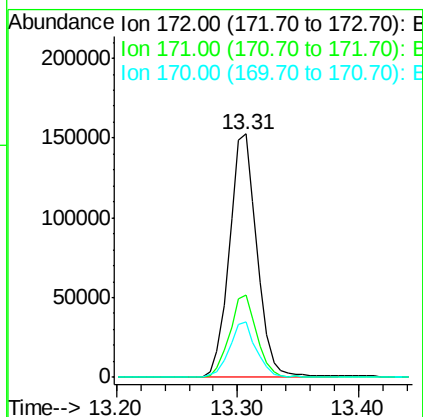
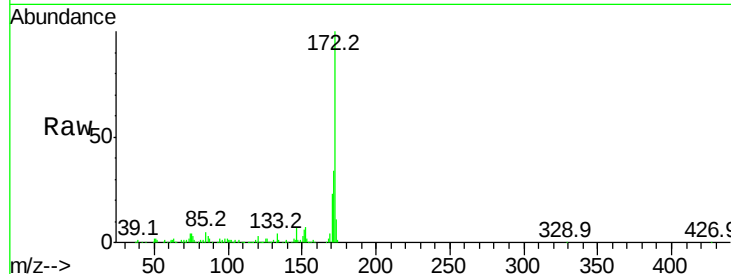




#44
2-Fluorobiphenyl
Concen: 90.737 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

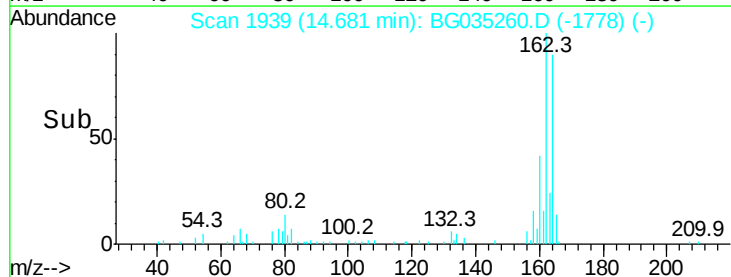
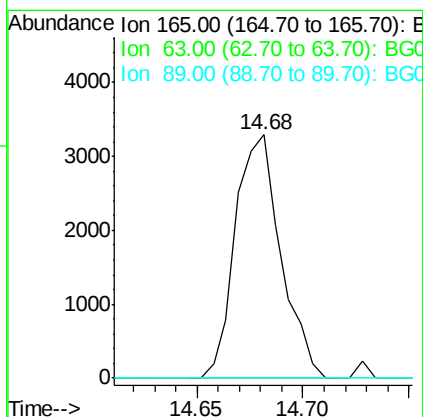
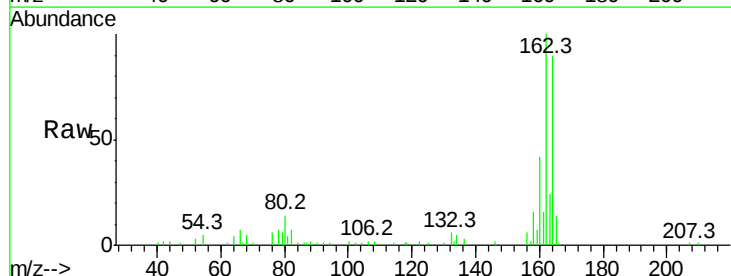
Instrument :
BNA_G
ClientSampleId :

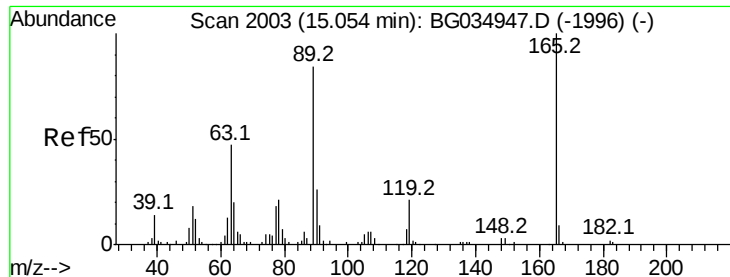
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.0	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 8.876 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 6.682 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 4914

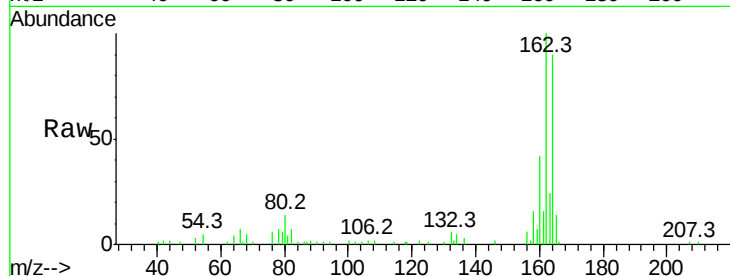
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

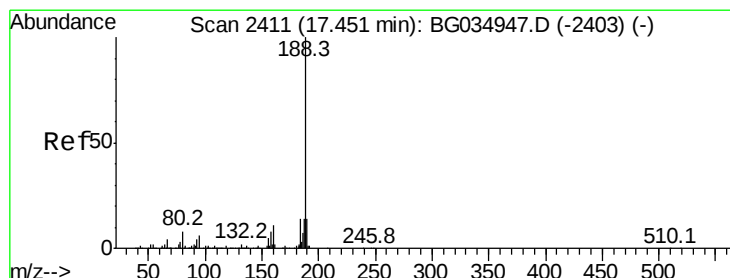
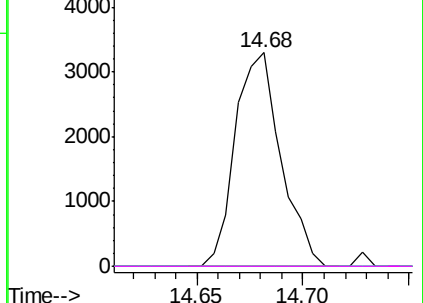
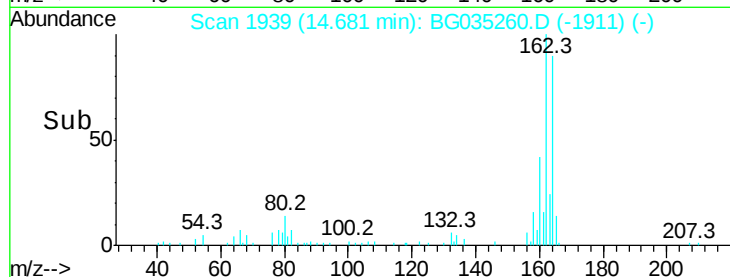


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

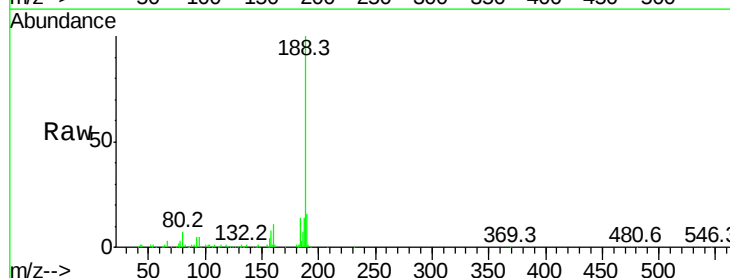
Tgt Ion:188 Resp: 165344

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

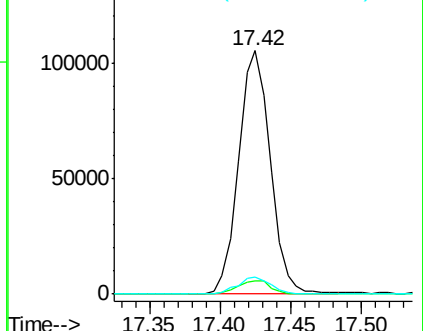
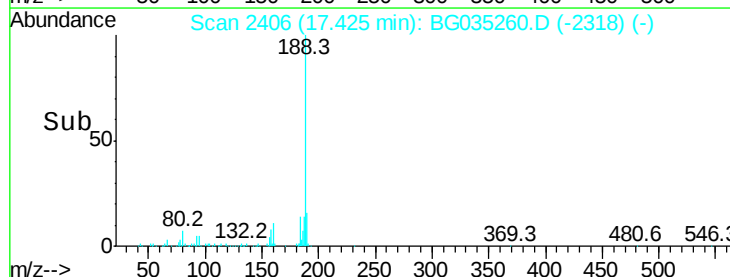
80 7.0 7.7 11.5#

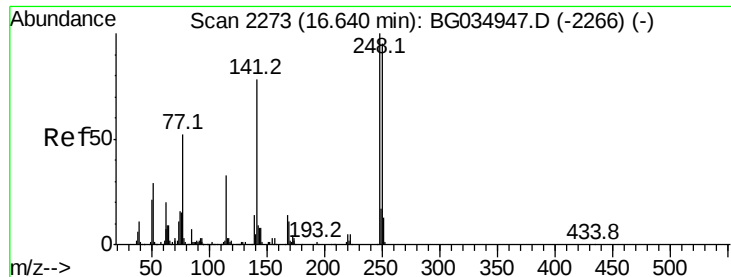


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

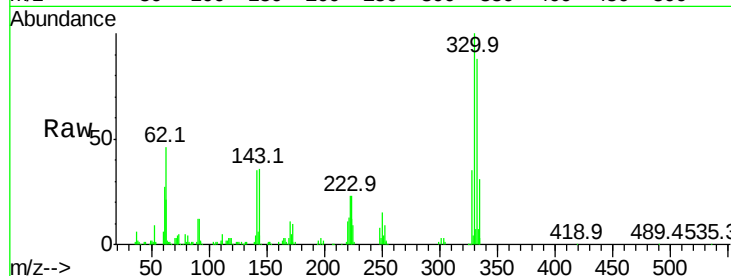




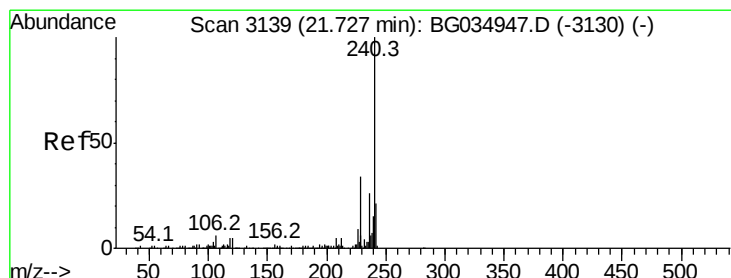
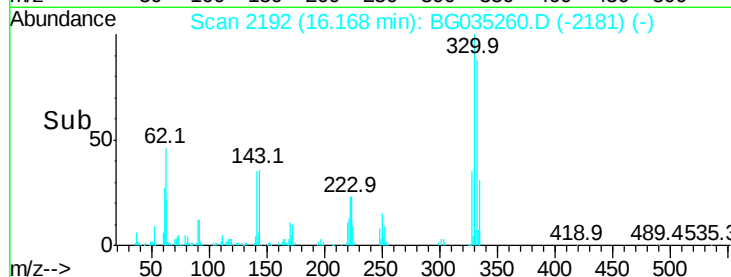
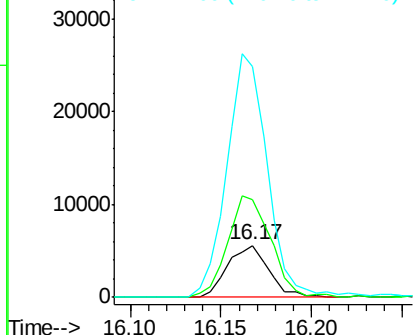
#66
4-Bromophenyl-phenylether
Concen: 4.422 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8804
Ion Ratio Lower Upper
248 100
250 188.2 77.1 115.7#
141 443.2 50.8 76.2#

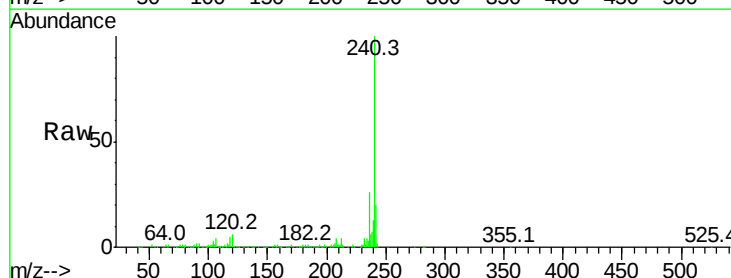


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

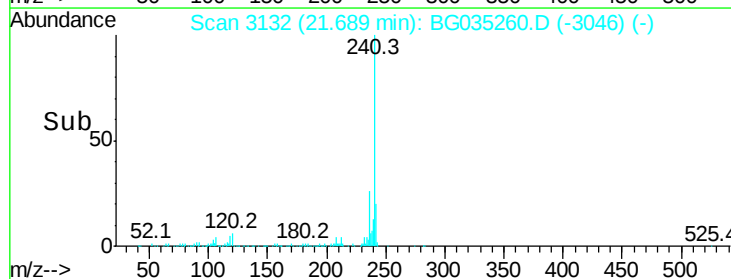
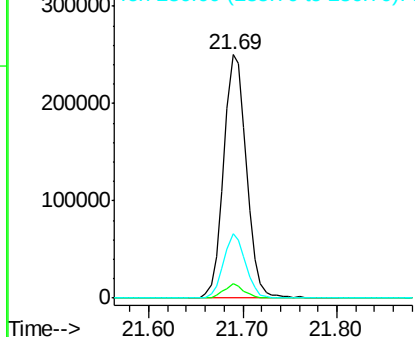


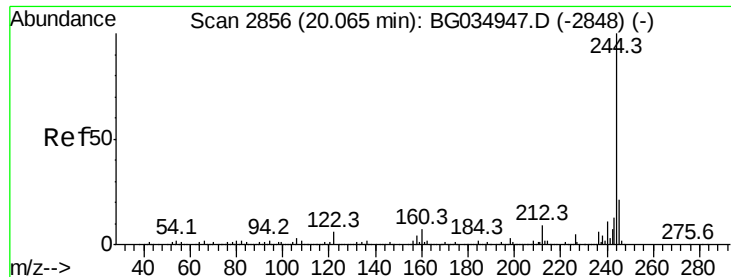
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Tgt Ion:240 Resp: 421505
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.4 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: 76.232 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

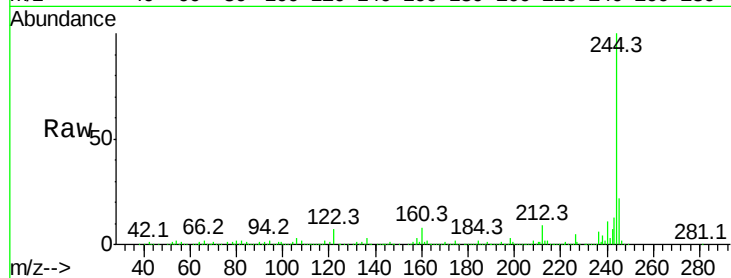
Tot Ion:244 Resp: 1533984

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

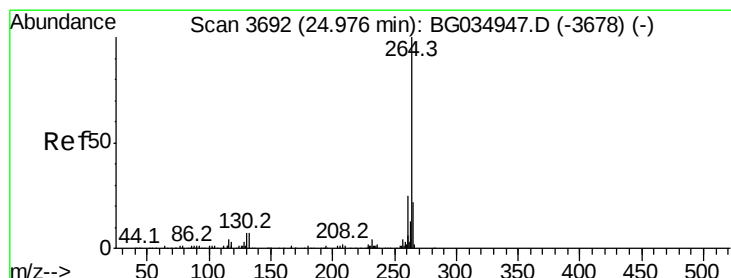
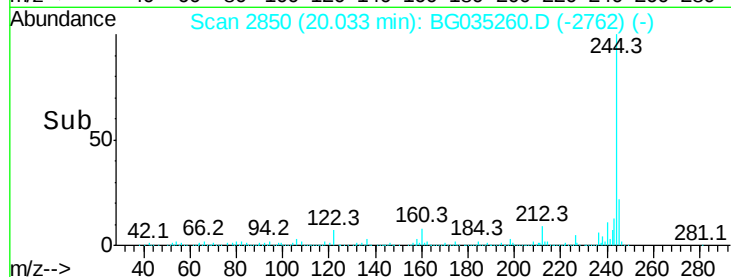
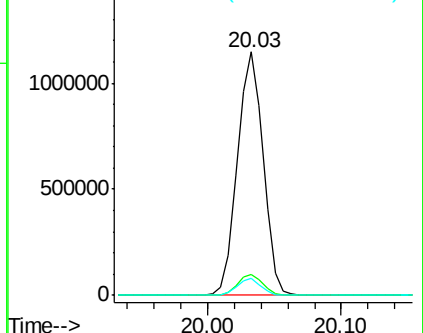
122 6.9 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

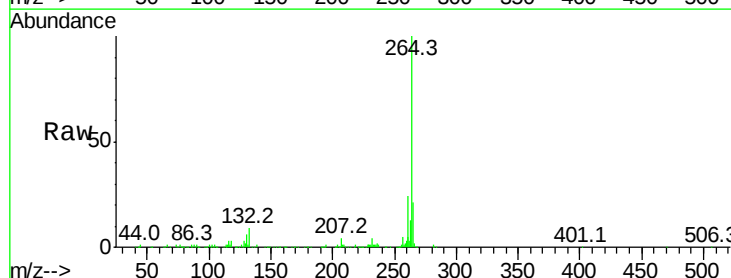
Tgt Ion:264 Resp: 360147

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 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

