

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035425.D
 Acq On : 27 Jun 2018 00:43
 Operator : JU/SJ
 Sample : J3695-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:55:54 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

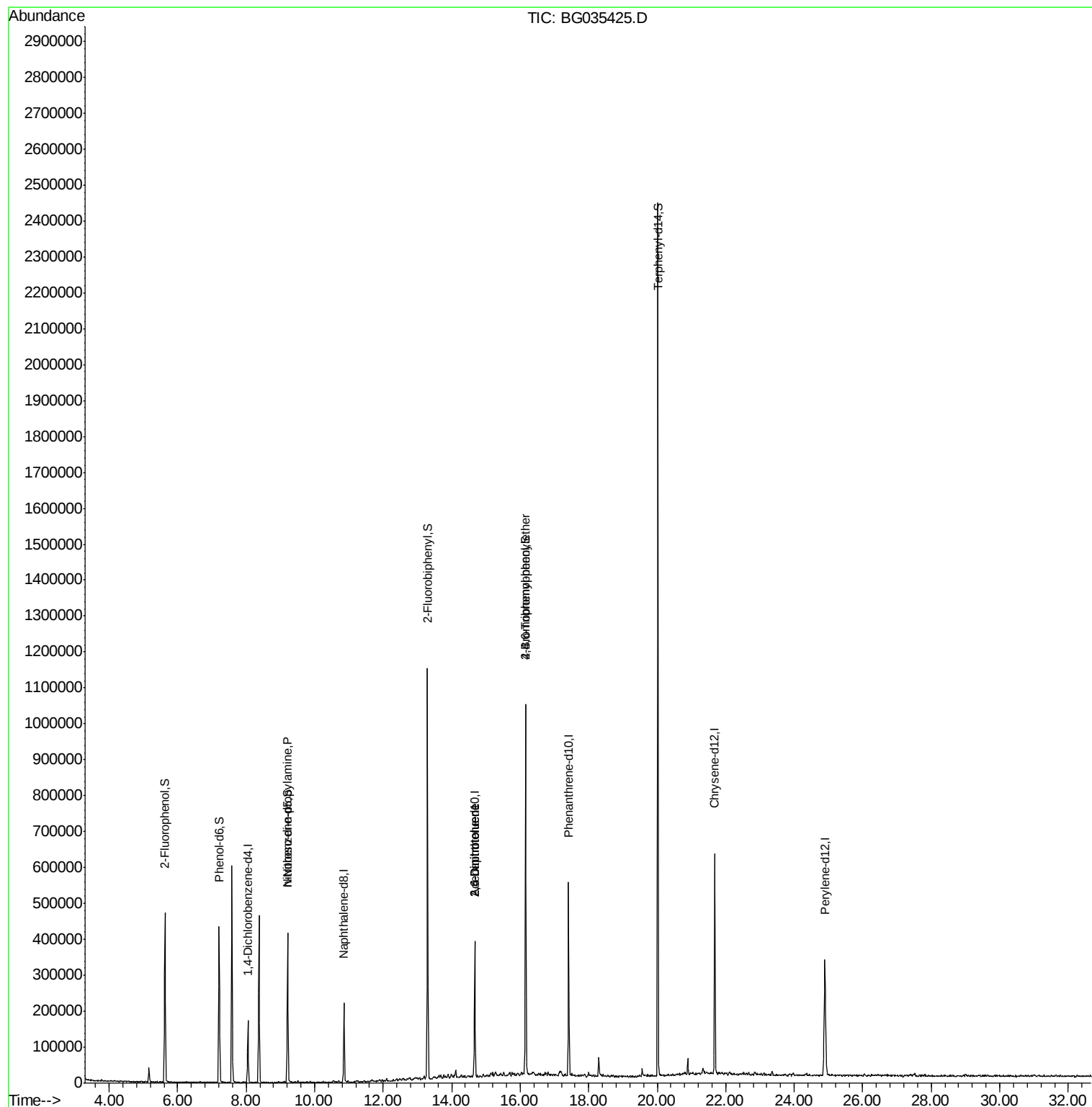
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47464	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	185066	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	130343	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	351298	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	376561	20.00	ng	-0.04
86) Perylene-d12	24.90	264	373987	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210792	74.95	ng	-0.01
7) Phenol-d6	7.21	99	266561	64.21	ng	-0.01
23) Nitrobenzene-d5	9.21	82	279117	71.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	188674	113.08	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	608821	60.72	ng	-0.03
78) Terphenyl-d14	20.02	244	1162296	64.65	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	37807	10.720	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	17697	8.534	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	17697	6.425	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	16081	3.801	ng	# 1

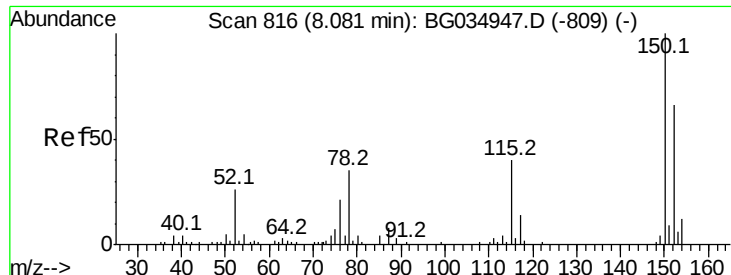
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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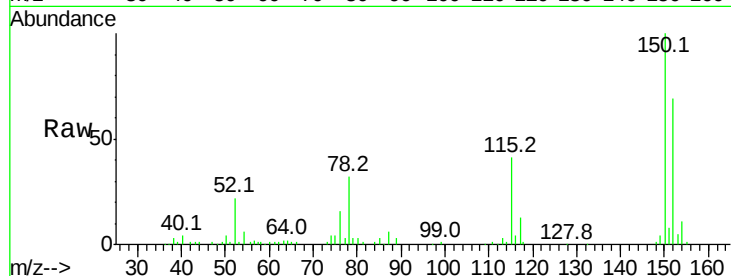


#1

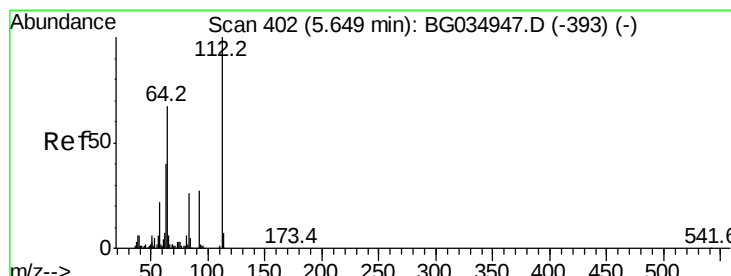
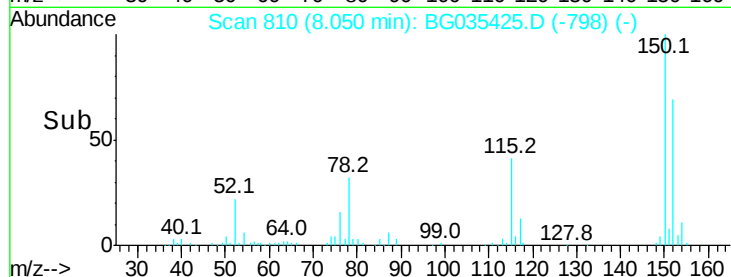
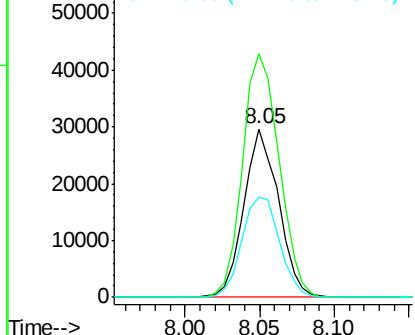
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47464
Ion Ratio Lower Upper
152 100
150 144.4 126.6 189.8
115 59.3 53.0 79.4



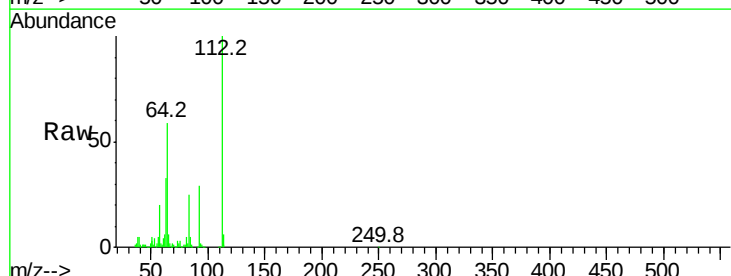
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



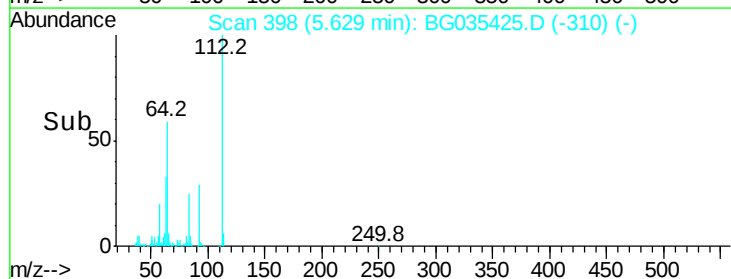
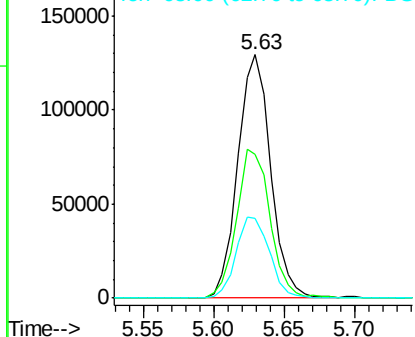
#5

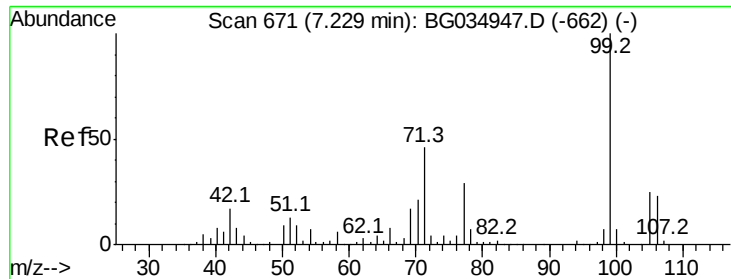
2-Fluorophenol
Concen: 74.948 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Tgt Ion:112 Resp: 210792
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 33.0 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: 64.215 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

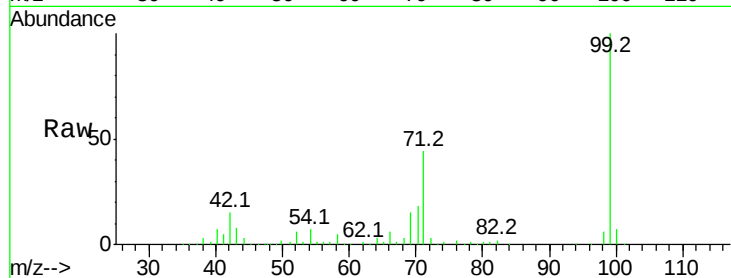
Tot Ion: 99 Resp: 266561

Ion Ratio Lower Upper

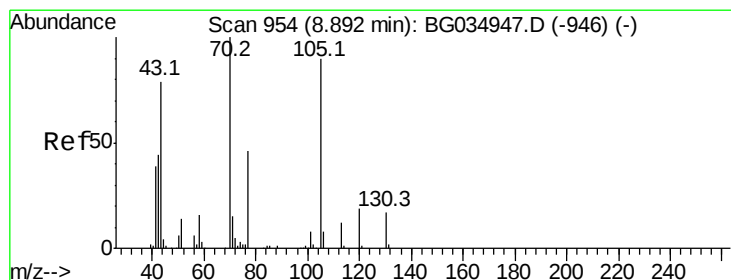
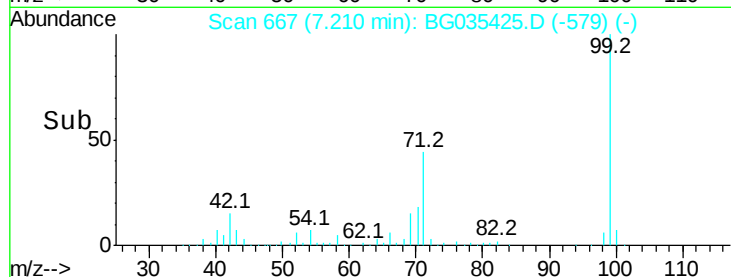
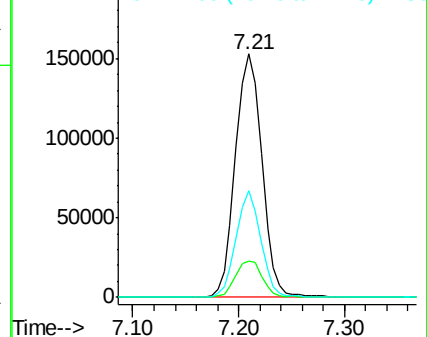
99 100

42 15.0 14.1 21.1

71 43.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.720 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Tgt Ion: 70 Resp: 37807

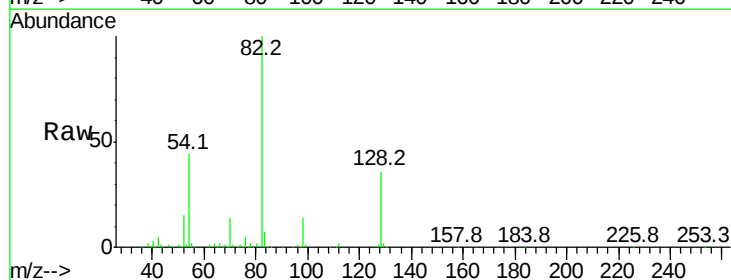
Ion Ratio Lower Upper

70 100

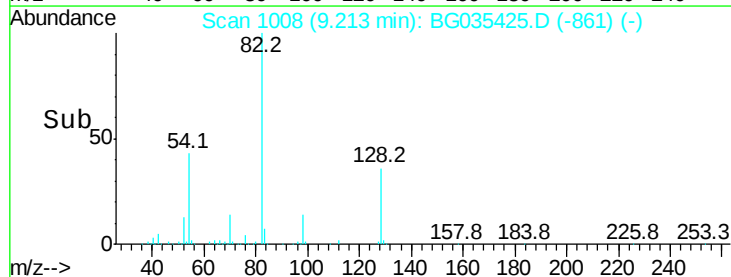
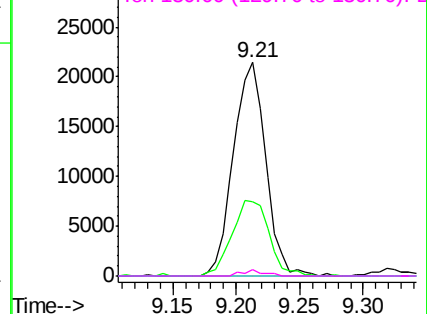
42 34.8 49.1 73.7#

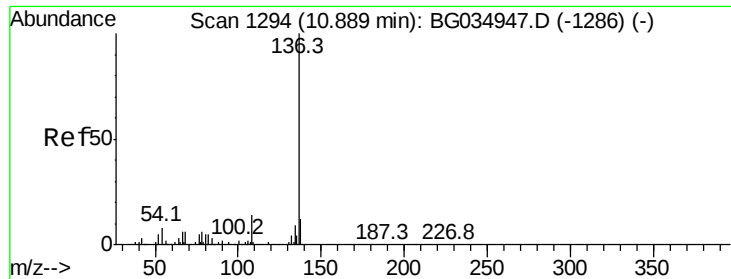
101 0.0 8.5 12.7#

130 2.8 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

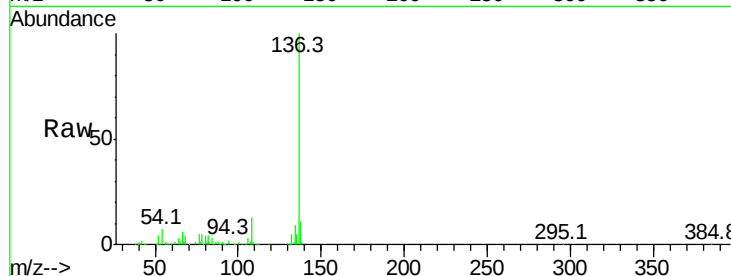




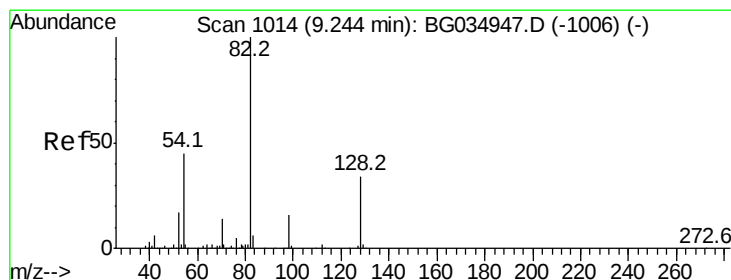
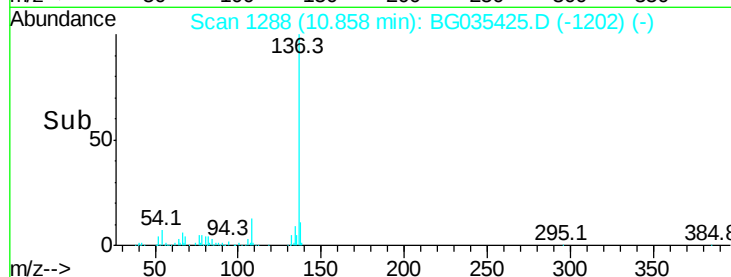
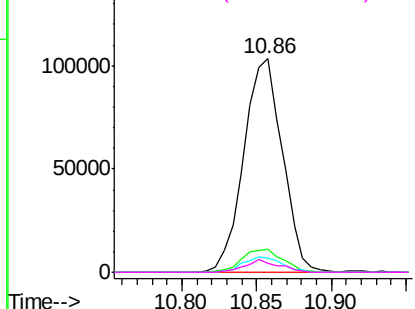
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	185066
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	10.3	15.5
68	4.5	4.5	6.7

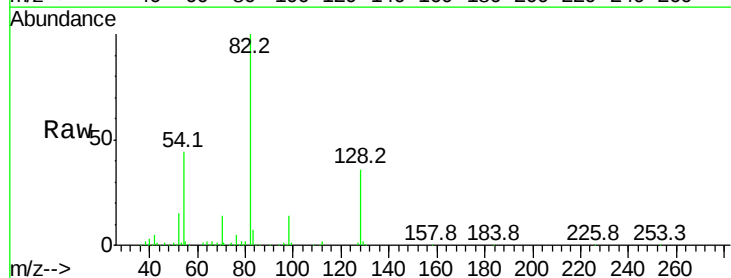


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

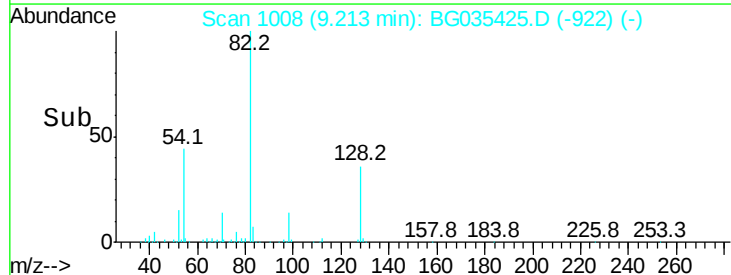
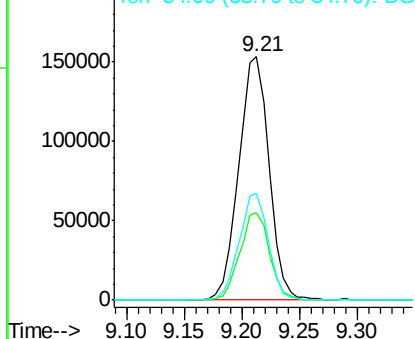


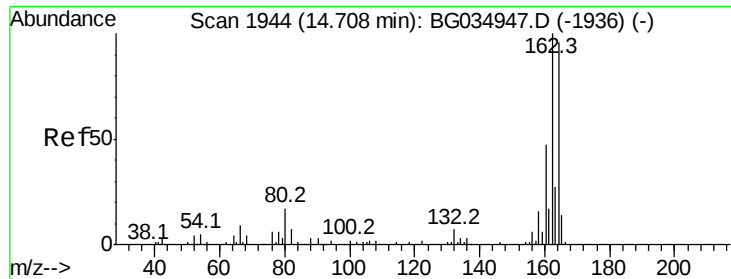
#23
Nitrobenzene-d5
Concen: 71.691 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Tgt Ion:	82	Resp:	279117
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.7	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

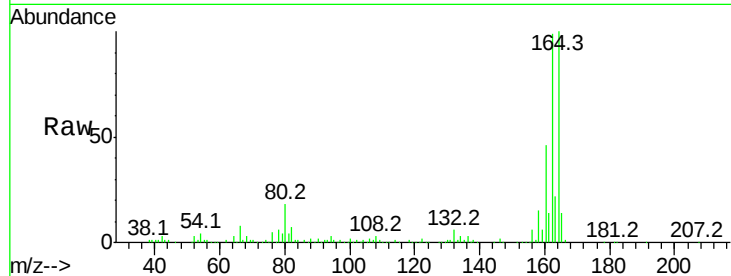




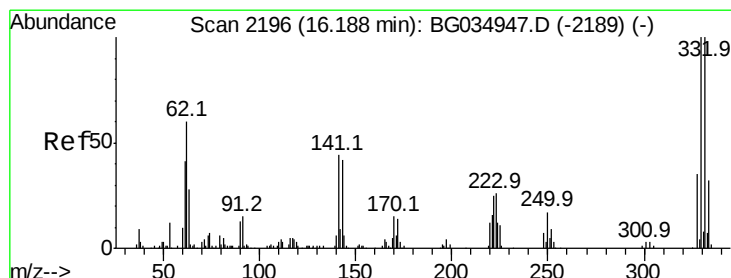
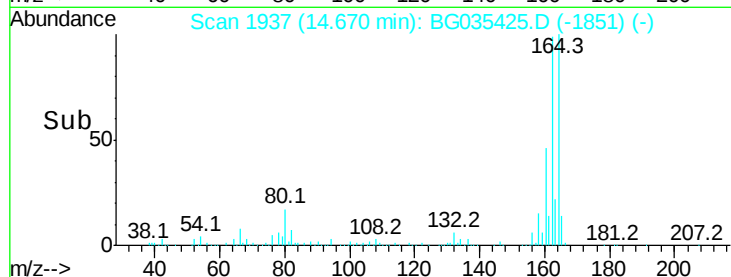
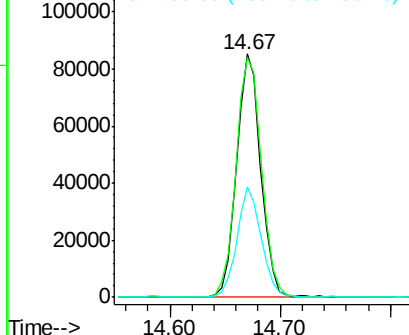
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 130343
 Ion Ratio Lower Upper
 164 100
 162 98.7 78.8 118.2
 160 45.6 35.4 53.0

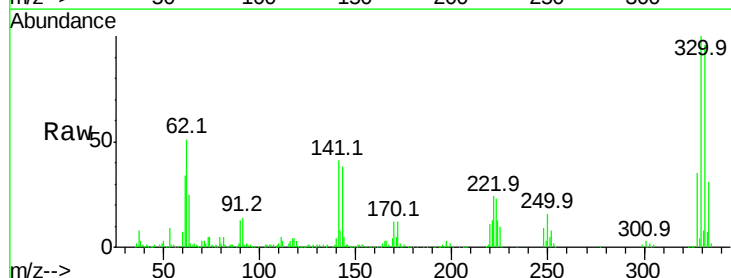


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

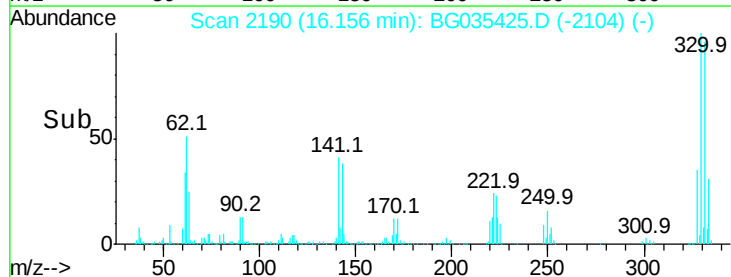
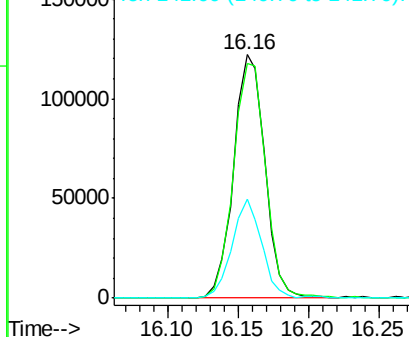


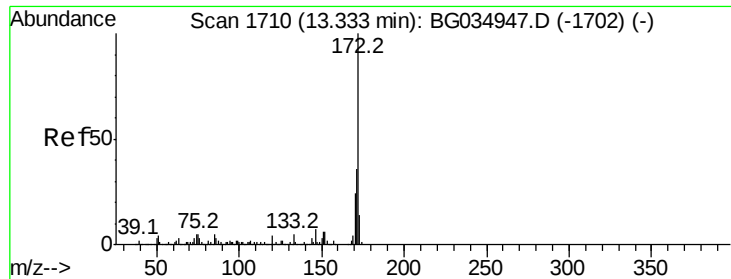
#41
 2,4,6-Tribromophenol
 Concen: 113.076 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Tgt Ion:330 Resp: 188674
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.0 115.6
 141 38.3 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

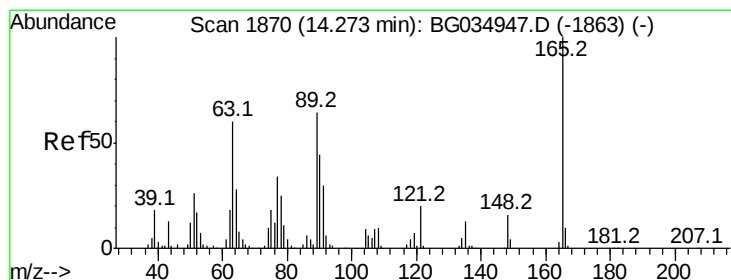
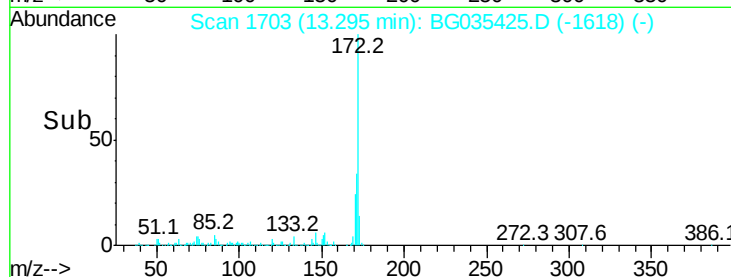
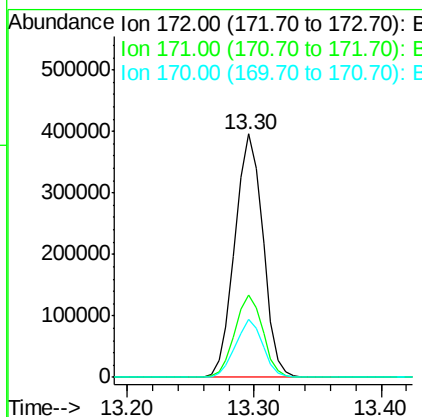
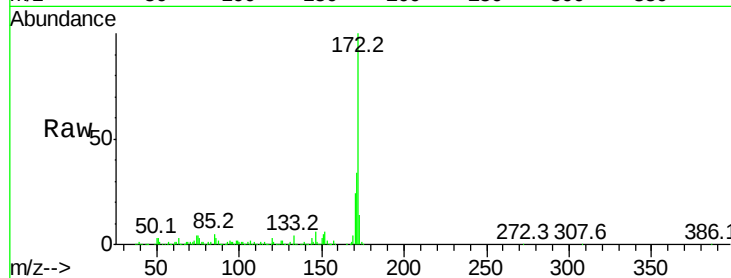




#44
2-Fluorobiphenyl
Concen: 60.722 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

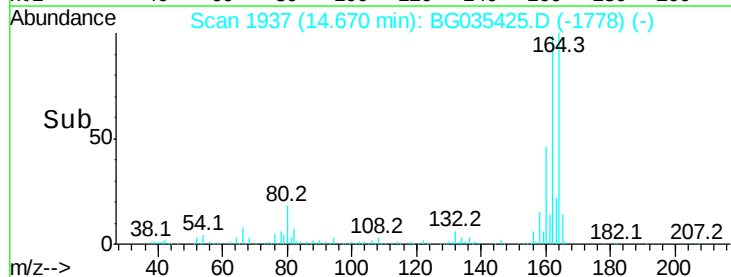
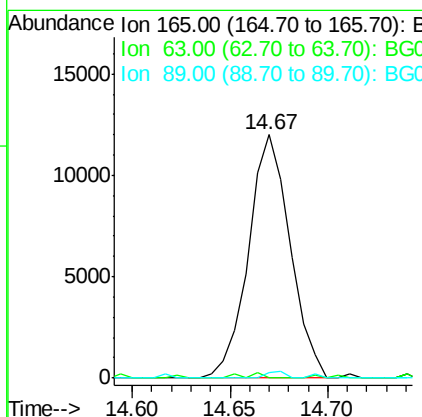
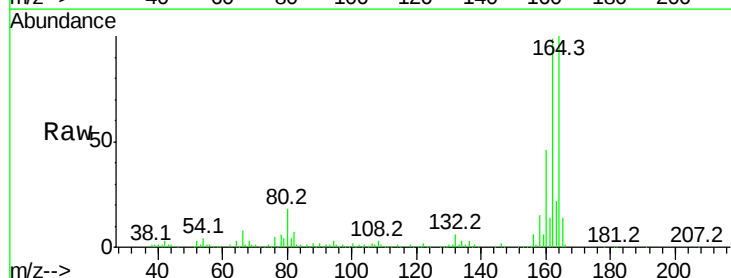
Instrument :
BNA_G
ClientSampled :

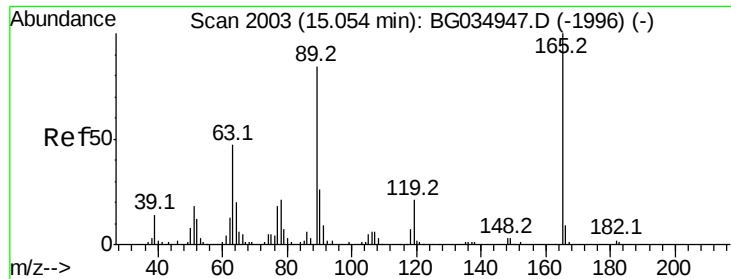
Tot Ion:172 Resp: 608821
Ion Ratio Lower Upper
172 100
171 33.6 30.0 45.0
170 23.6 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.534 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.40 min
Lab File: BG035425.D
Acq: 27 Jun 2018 00:43

Tgt Ion:165 Resp: 17697
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.5 49.2 73.8#

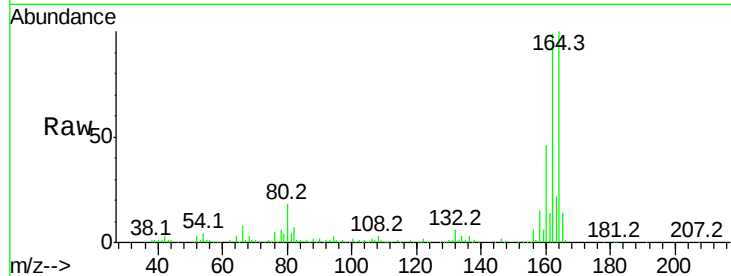




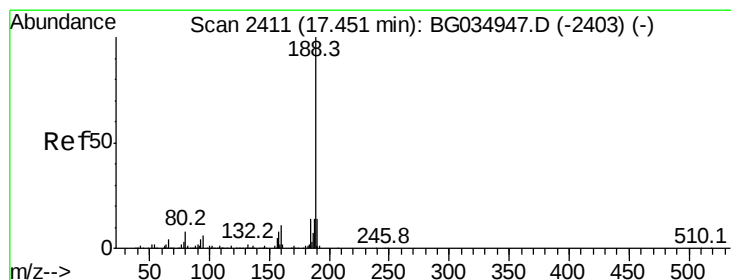
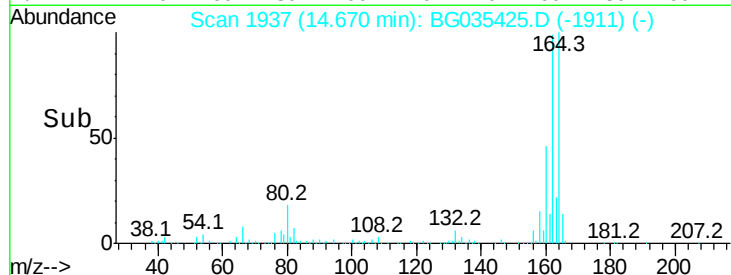
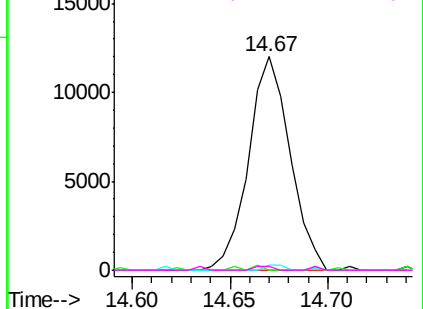
#56
 2,4-Dinitrotoluene
 Concen: 6.425 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17697
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.5 66.9 100.3#
 182 1.6 2.6 3.8#

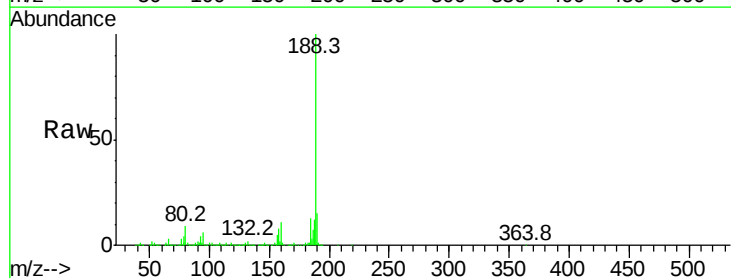


Abundance Ion 165.00 (164.70 to 165.70): E

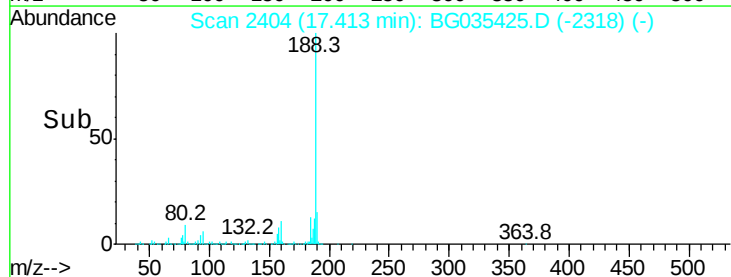
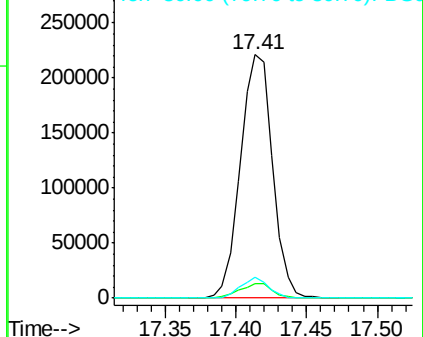


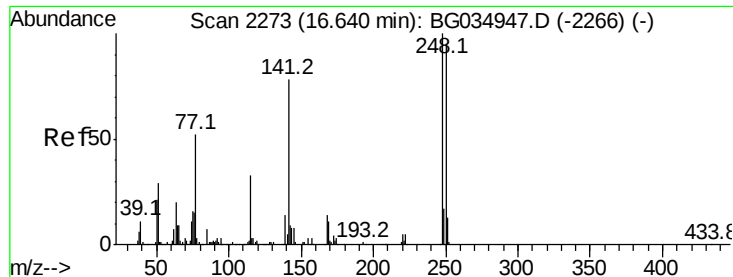
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.03 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Tgt Ion:188 Resp: 351298
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 8.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

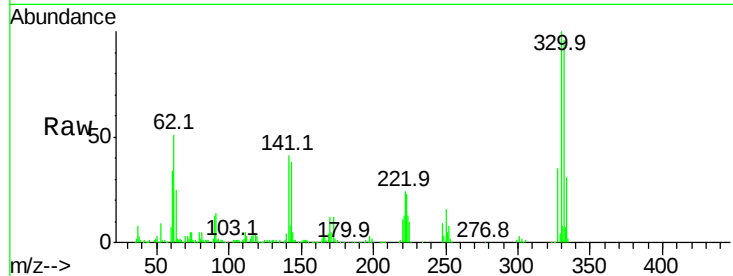




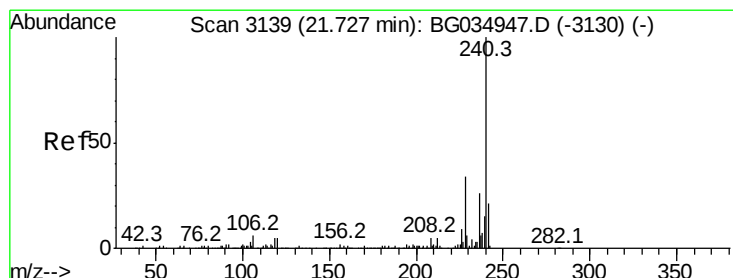
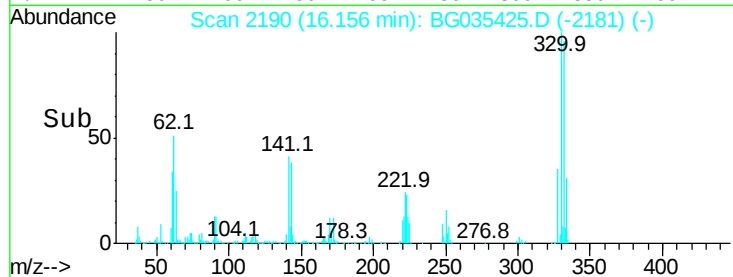
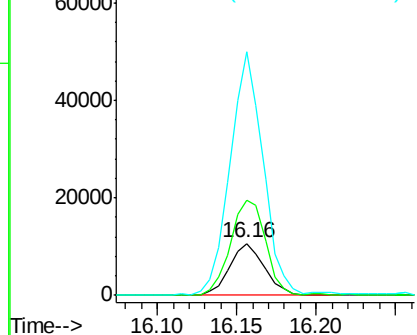
#66
 4-Bromophenyl-phenylether
 Concen: 3.801 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.48 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16081
 Ion Ratio Lower Upper
 248 100
 250 183.4 77.1 115.7#
 141 470.0 50.8 76.2#

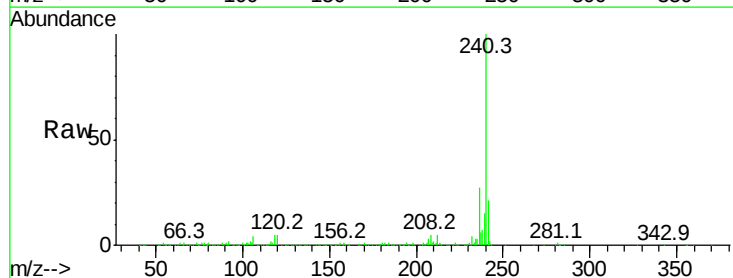


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

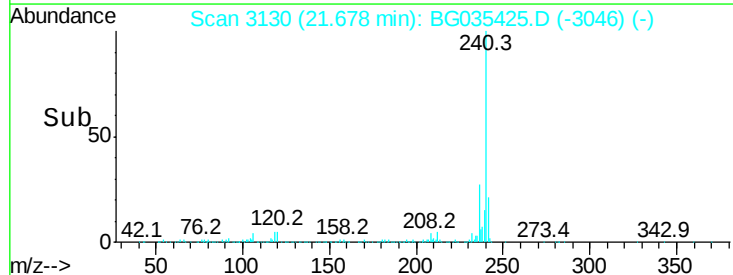
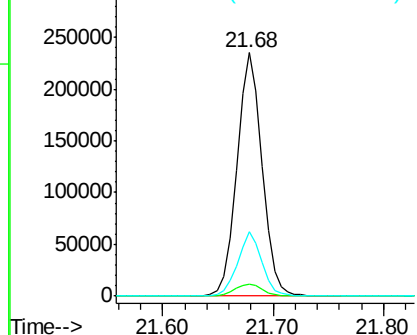


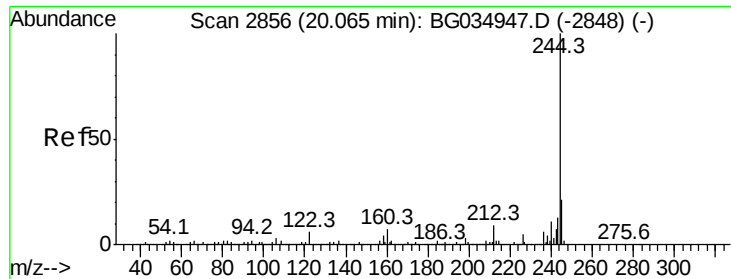
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.04 min
 Lab File: BG035425.D
 Acq: 27 Jun 2018 00:43

Tgt Ion:240 Resp: 376561
 Ion Ratio Lower Upper
 240 100
 120 4.8 6.8 10.2#
 236 26.7 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: 64.654 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Instrument :

BNA_G

ClientSampleId :

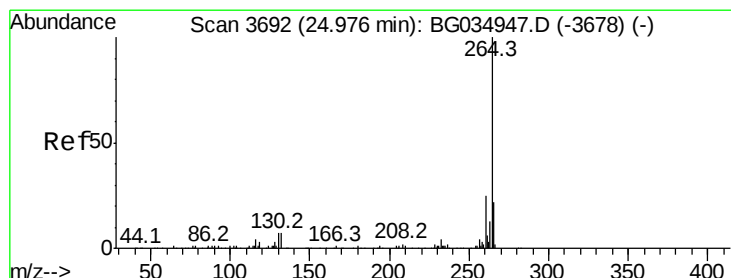
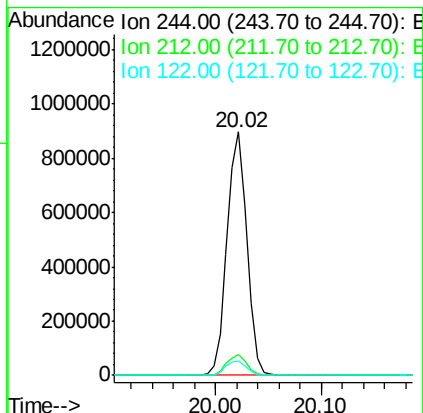
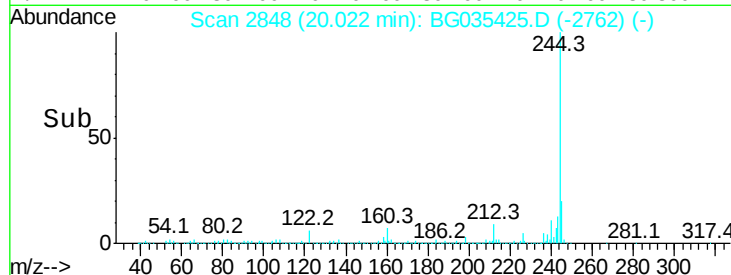
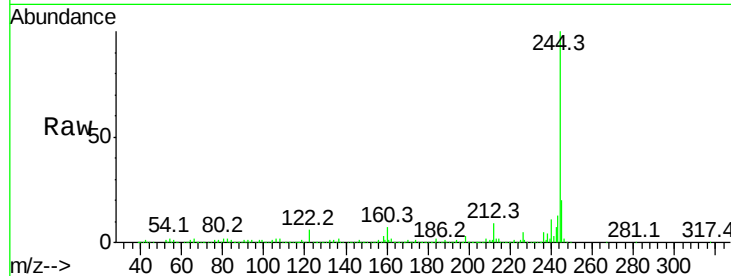
Tot Ion:244 Resp: 1162296

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 6.2 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035425.D

Acq: 27 Jun 2018 00:43

Tgt Ion:264 Resp: 373987

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 22.1 17.7 26.5

