

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
 Data File : BG035273.D
 Acq On : 20 Jun 2018 19:34
 Operator : SJ/JU
 Sample : J3249-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 03:58:09 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

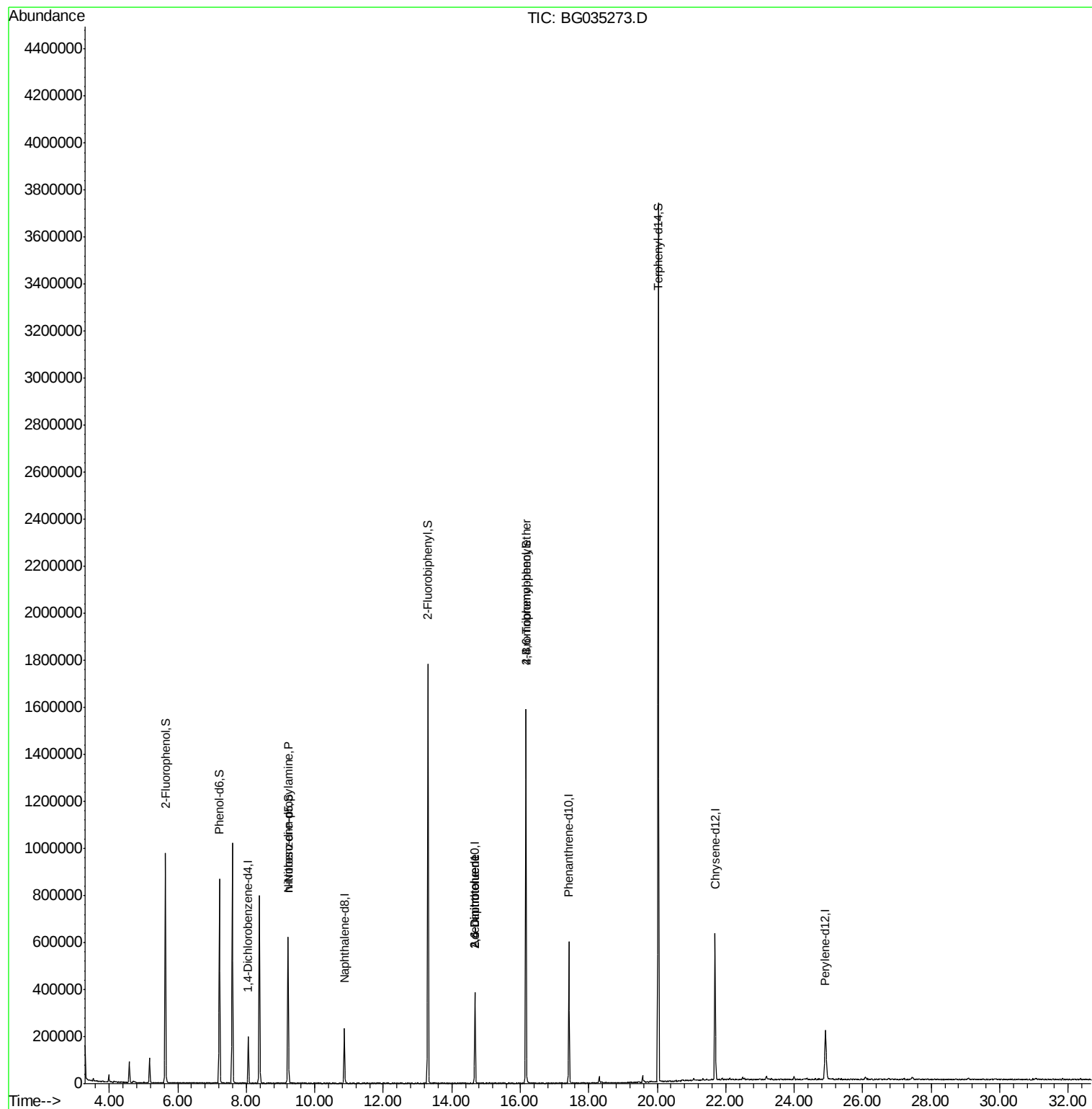
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55675	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	195807	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128370	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	370923	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	395199	20.00	ng	-0.03
86) Perylene-d12	24.91	264	190145	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	414239	125.56	ng	0.00
7) Phenol-d6	7.22	99	522023	107.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	424263	102.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	295670	179.92	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	958715	97.09	ng	-0.02
78) Terphenyl-d14	20.03	244	1746473	92.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	58164	14.060	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	18015	8.821	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	18015	6.641	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	23855	5.340	ng	# 1

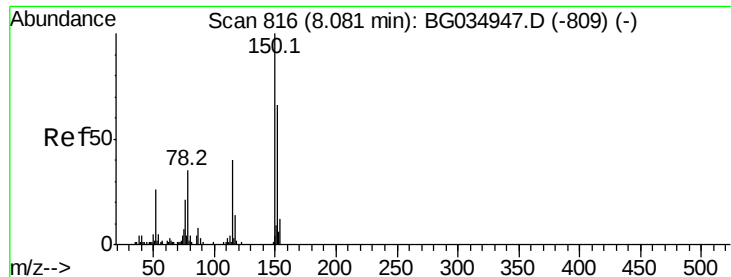
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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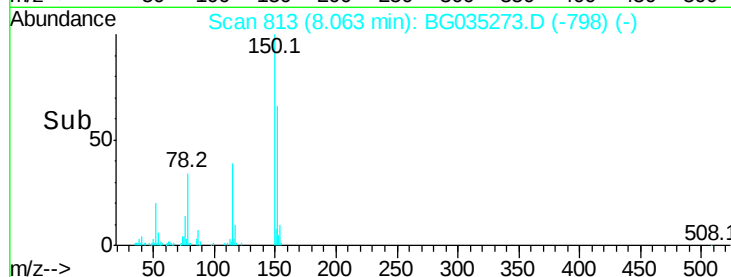
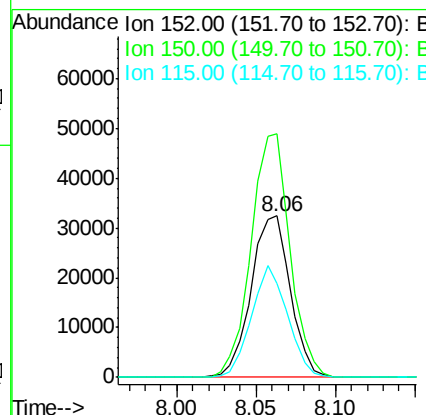
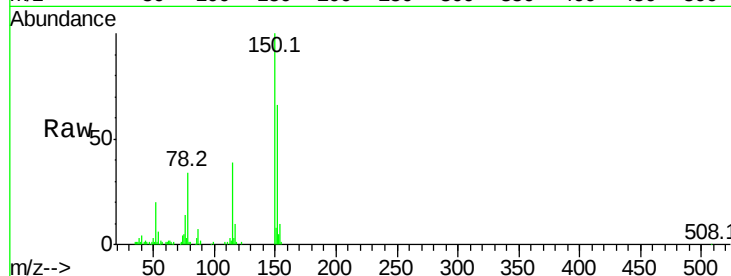


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :

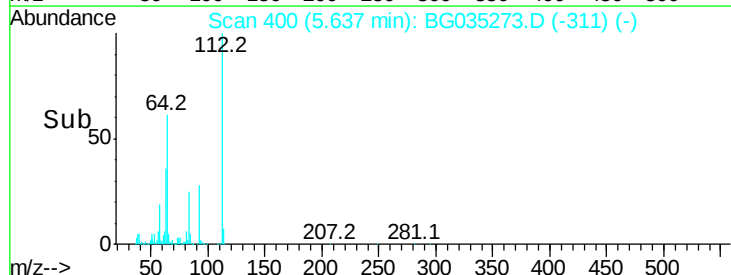
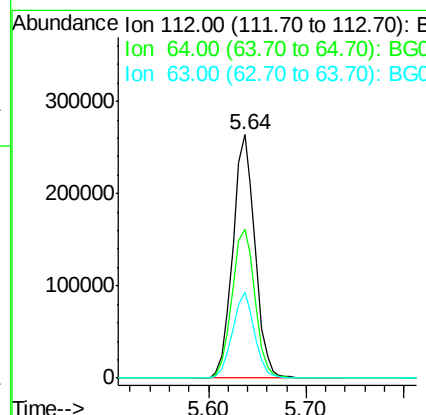
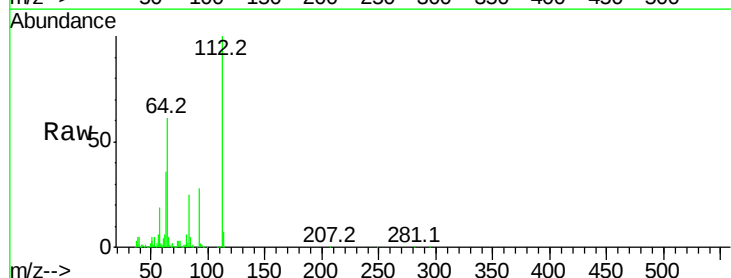
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	58.2	53.0	79.4

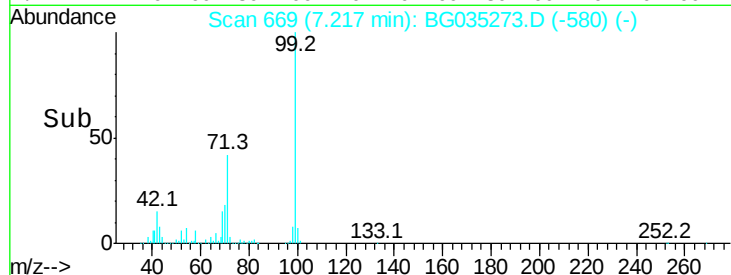
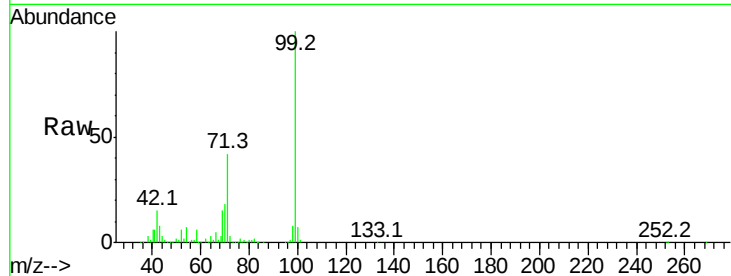
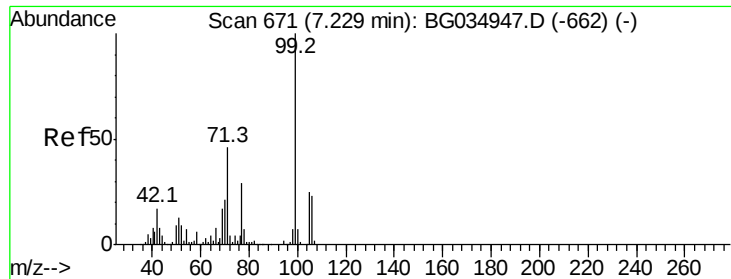


#5

2-Fluorophenol
Concen: 125.563 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.3	84.5
63	35.6	30.1	45.1





#7

Phenol-d6

Concen: 107.209 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

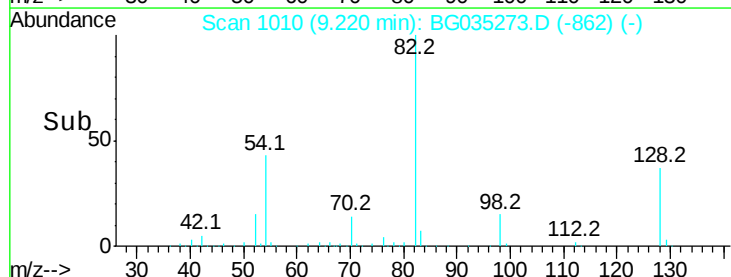
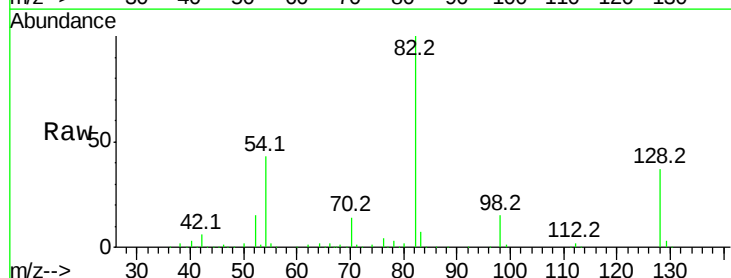
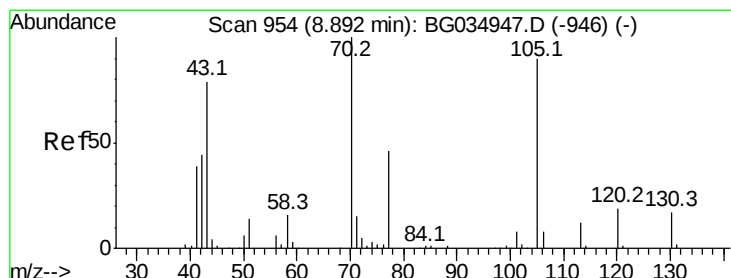
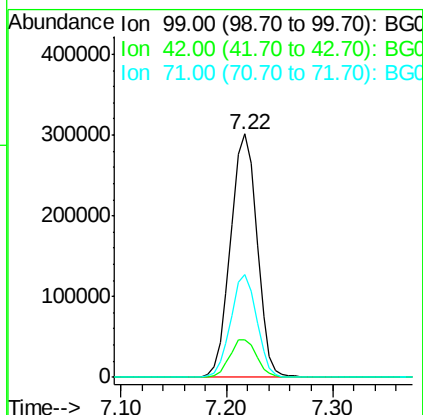
Tot Ion: 99 Resp: 522023

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 42.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.060 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Tgt Ion: 70 Resp: 58164

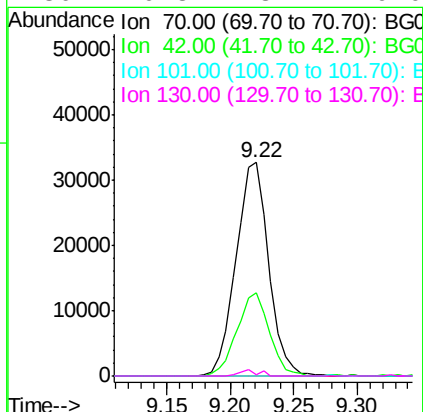
Ion Ratio Lower Upper

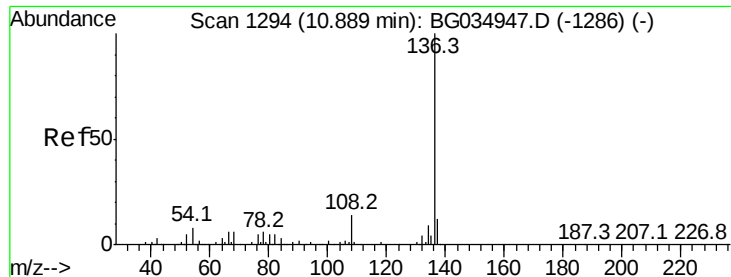
70 100

42 38.8 49.1 73.7#

101 0.0 8.5 12.7#

130 0.8 13.4 20.0#

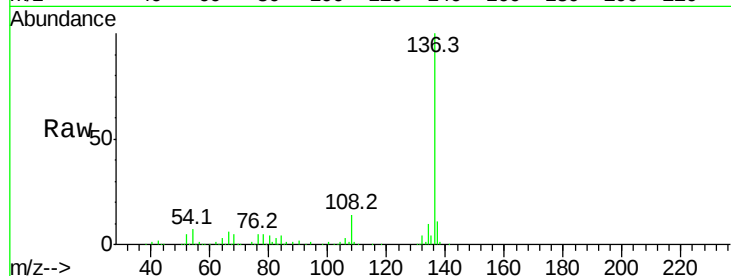




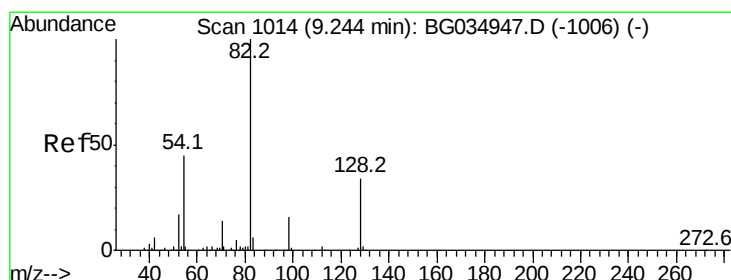
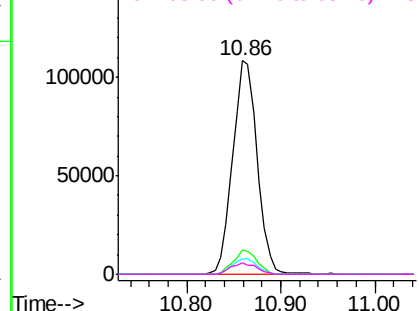
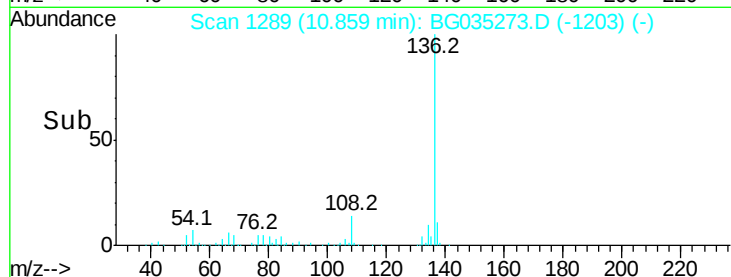
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195807
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	7.1	10.3 15.5#
68	5.1	4.5 6.7

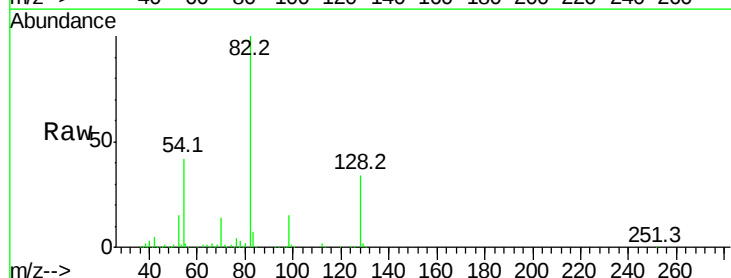


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

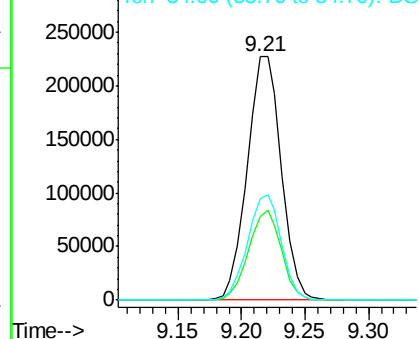
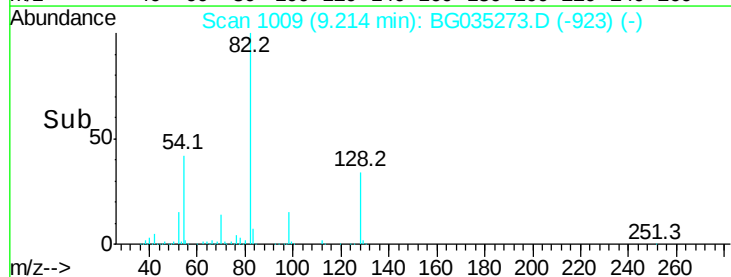


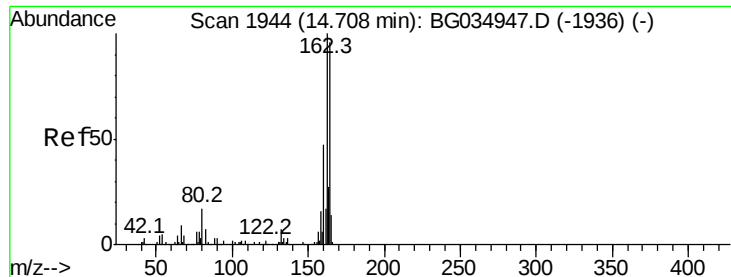
#23
Nitrobenzene-d5
Concen: 102.995 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Tgt Ion: 82	Resp:	424263
Ion Ratio	Lower	Upper
82	100	
128	34.2	29.7 44.5
54	41.8	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: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

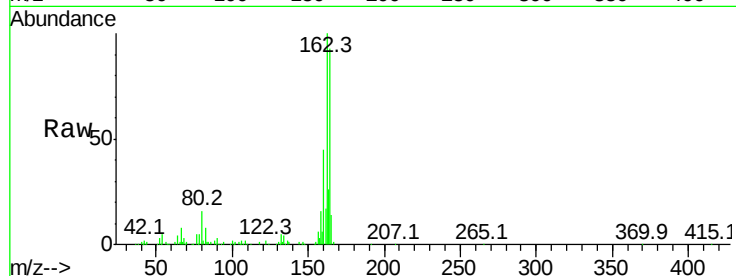
Tot Ion:164 Resp: 128370

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

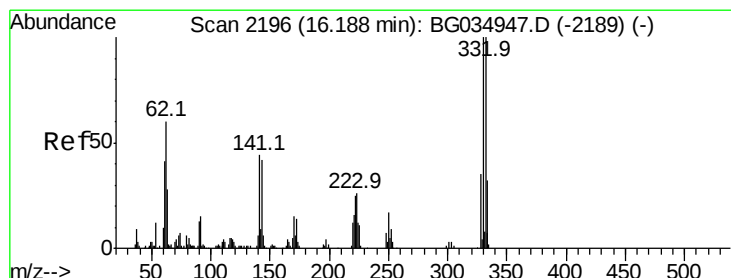
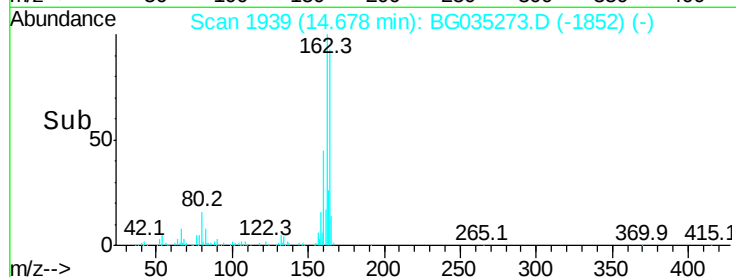
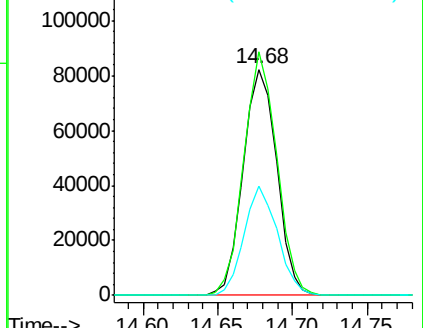
160 48.5 35.4 53.0



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: 179.925 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

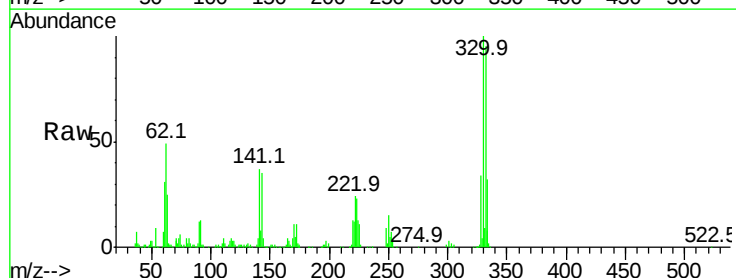
Tgt Ion:330 Resp: 295670

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

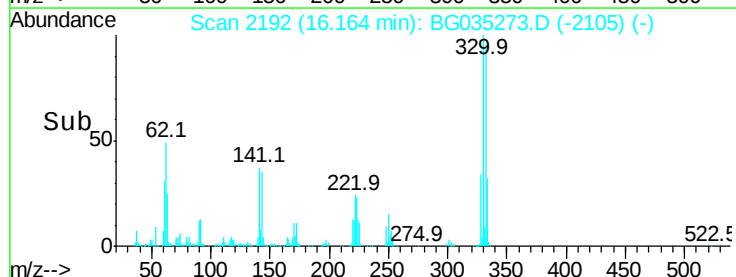
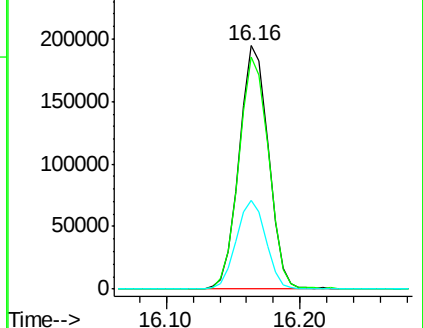
141 36.9 25.2 37.8

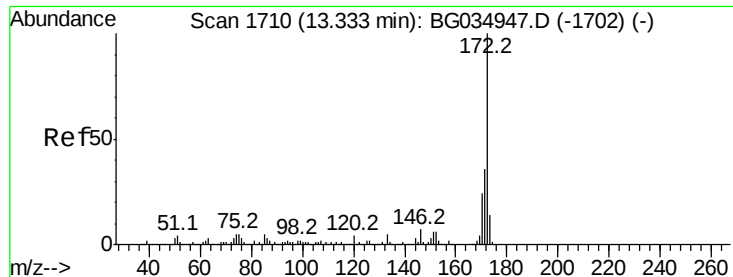


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

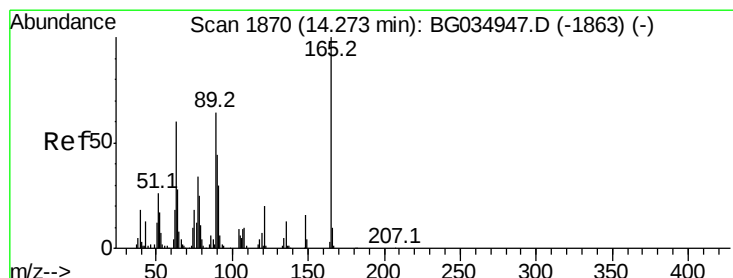
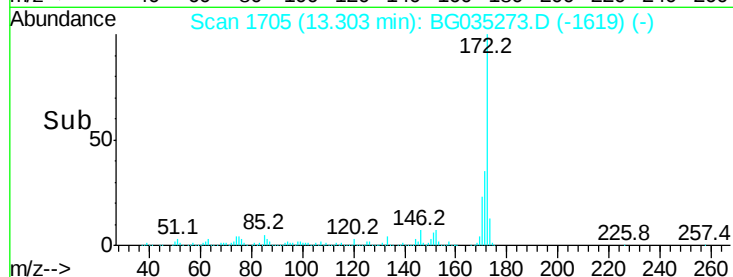
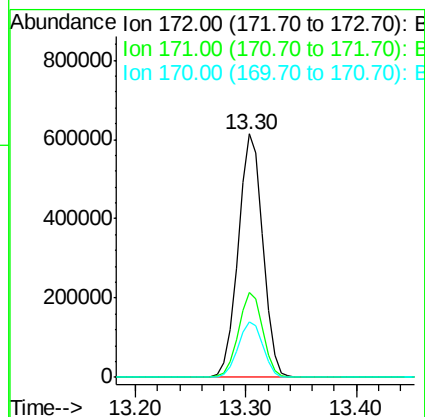
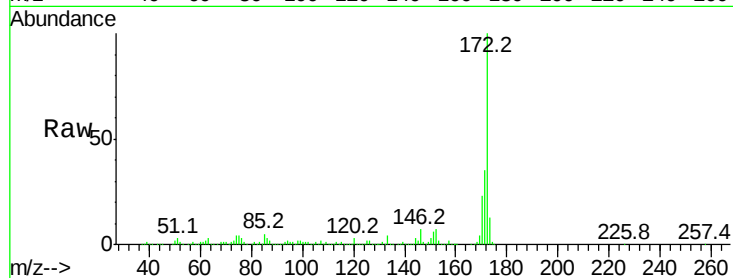




#44
 2-Fluorobiphenyl
 Concen: 97.089 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

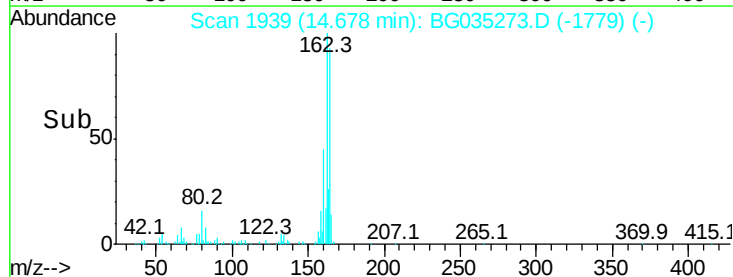
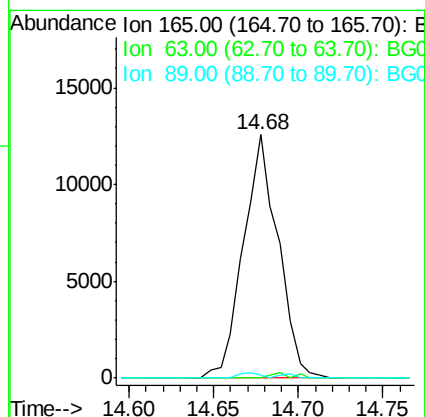
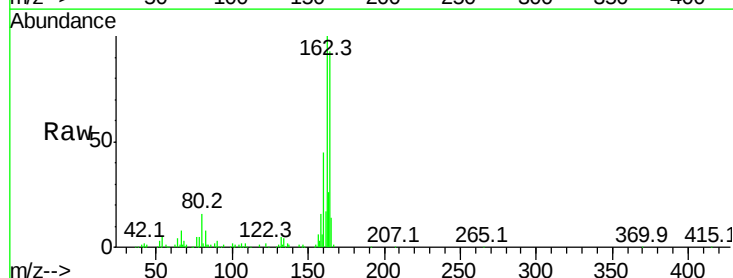
Instrument :
 BNA_G
 ClientSampleId :

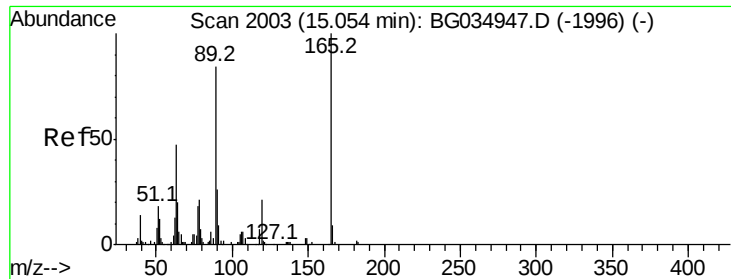
Tot Ion:172 Resp: 958715
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 22.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.821 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

Tgt Ion:165 Resp: 18015
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.4 49.2 73.8#

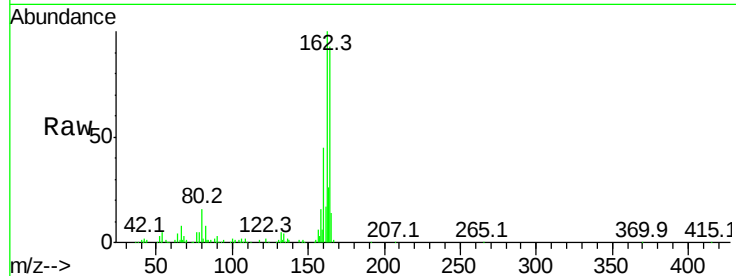




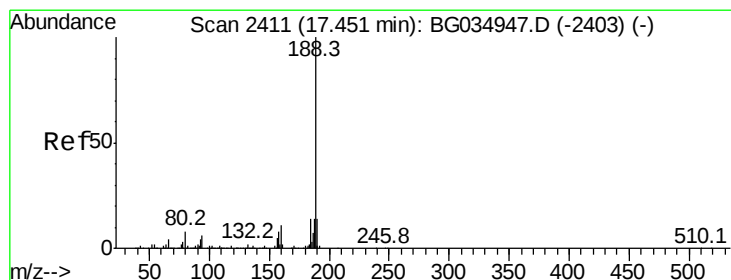
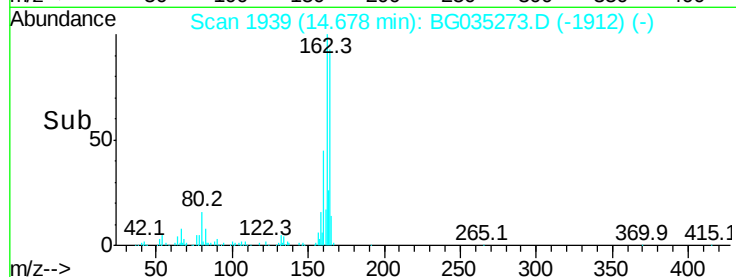
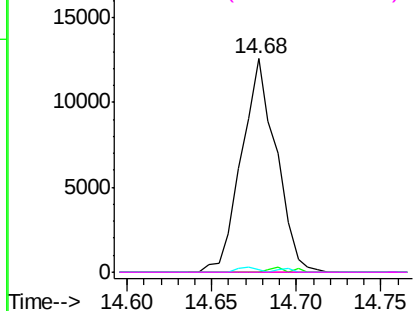
#56
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18015
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.4 66.9 100.3#
182 0.0 2.6 3.8#

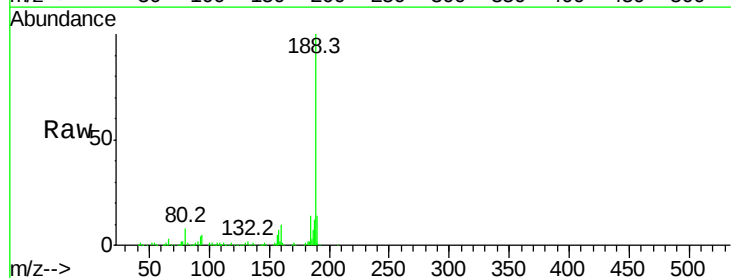


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

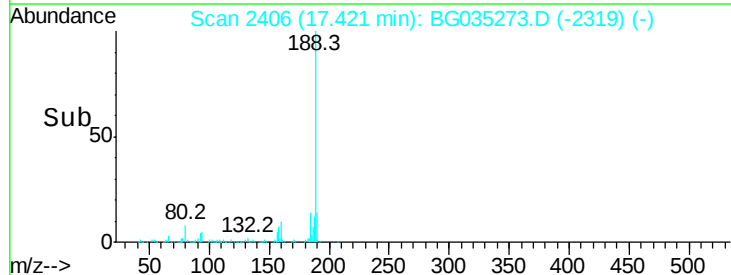
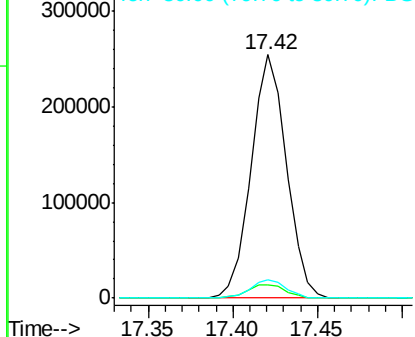


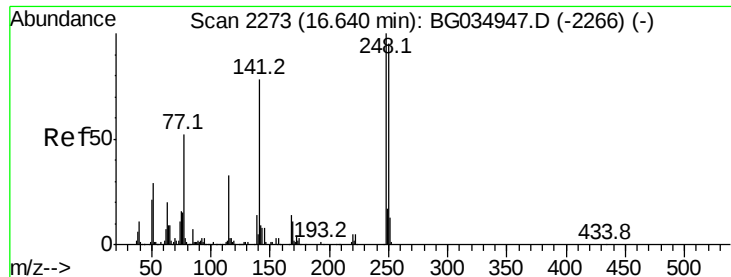
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035273.D
Acq: 20 Jun 2018 19:34

Tgt Ion:188 Resp: 370923
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.6 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

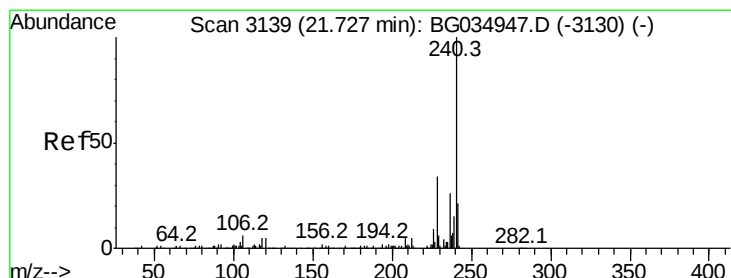
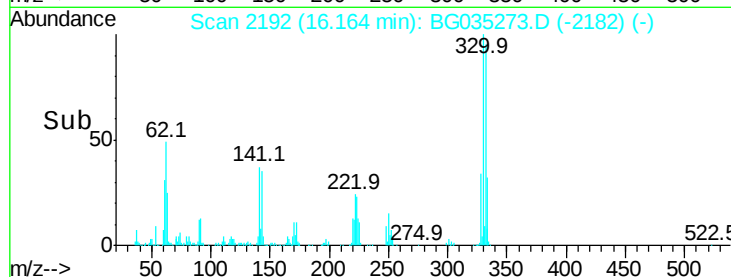
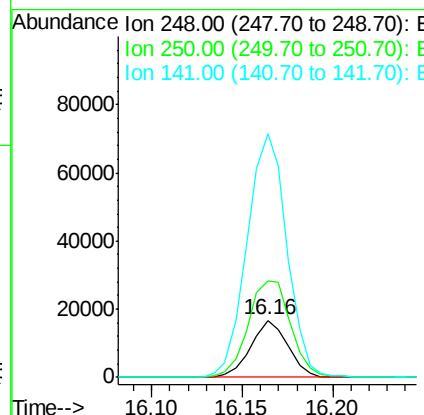
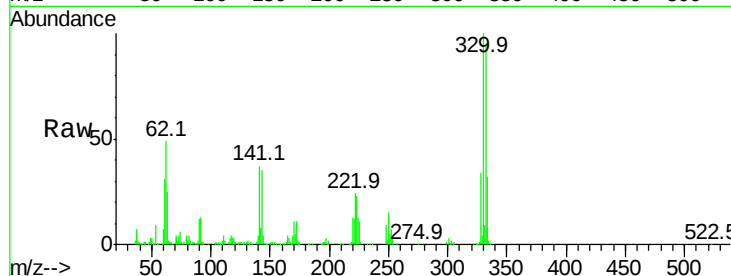




#66
 4-Bromophenyl-phenylether
 Concen: 5.340 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

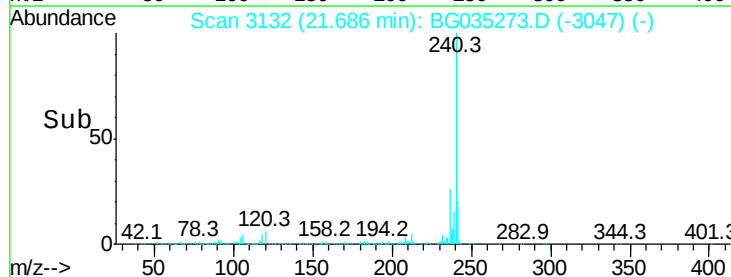
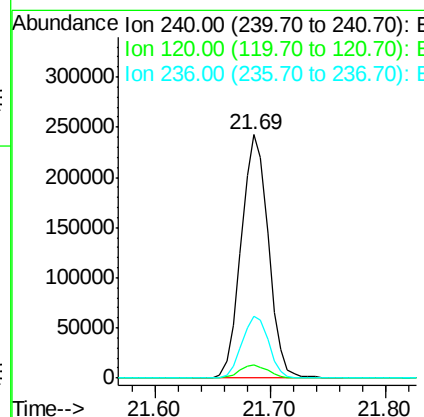
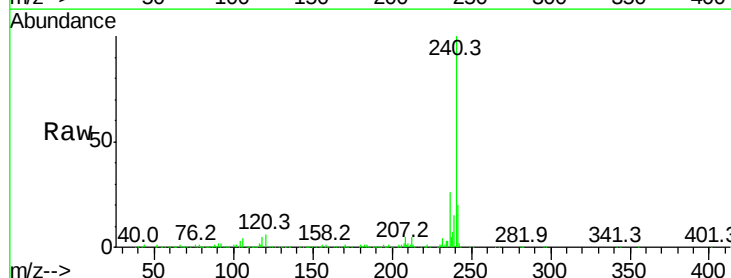
Instrument :
 BNA_G
 ClientSampled :

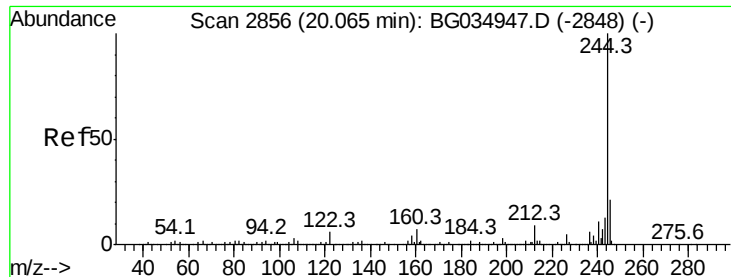
Tot Ion	Ratio	Lower	Upper
248	100		
250	169.5	77.1	115.7#
141	426.8	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035273.D
 Acq: 20 Jun 2018 19:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.6	20.9	31.3





#78

Terphenyl-d14

Concen: 92.568 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

Instrument :

BNA_G

ClientSampleId :

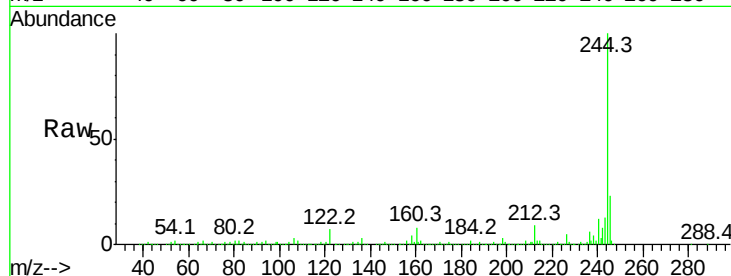
Tot Ion:244 Resp: 1746473

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

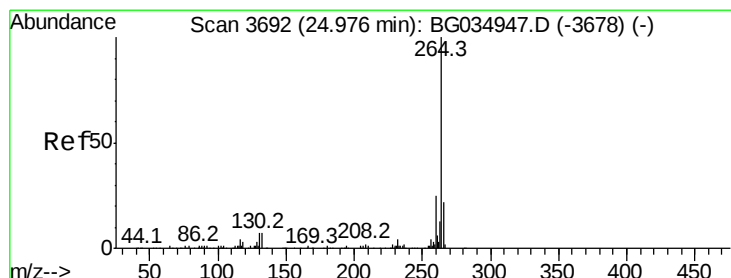
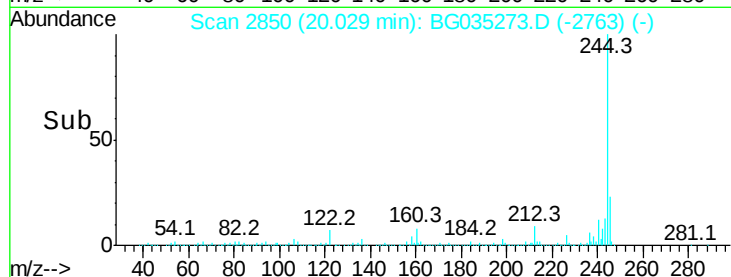
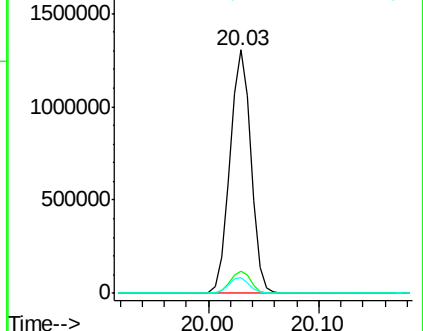
122 6.7 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035273.D

Acq: 20 Jun 2018 19:34

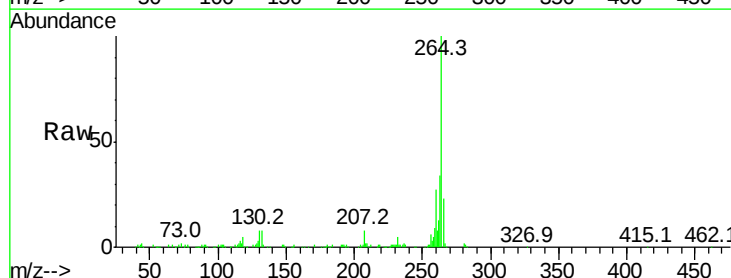
Tgt Ion:264 Resp: 190145

Ion Ratio Lower Upper

264 100

260 27.5 17.4 26.0#

265 23.3 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

