

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036427.D
 Acq On : 27 Aug 2018 12:10
 Operator : JU/SJ
 Sample : J4594-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 14:05:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

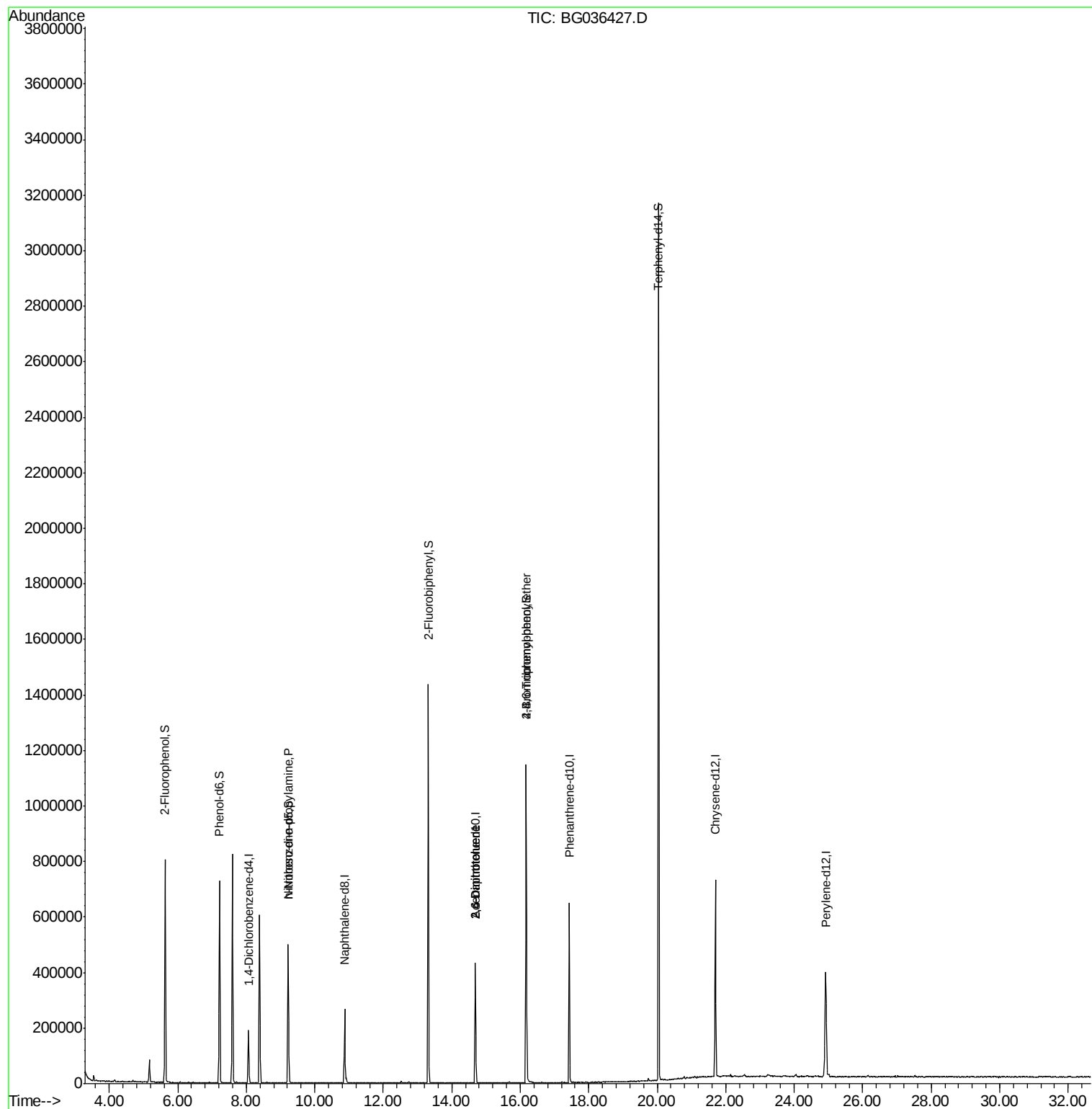
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53041	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	220997	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	149934	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	412302	20.00	ng	0.00
75) Chrysene-d12	21.70	240	444710	20.00	ng	-0.02
86) Perylene-d12	24.91	264	439160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328357	98.20	ng	0.00
7) Phenol-d6	7.22	99	406460	84.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	305410	74.98	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	211012	117.95	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	745233	70.97	ng	0.00
78) Terphenyl-d14	20.04	244	1444945	75.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40570	11.339	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	19837	7.874	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	19837	6.042	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	14717	3.049	ng	# 1

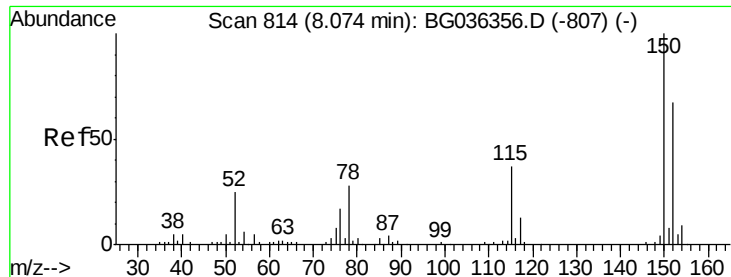
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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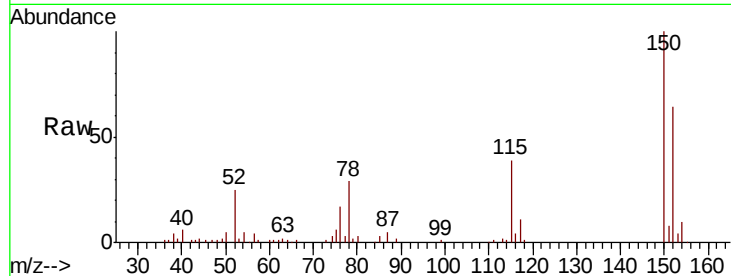


#1

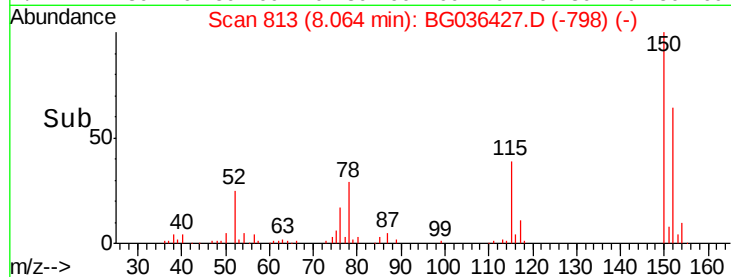
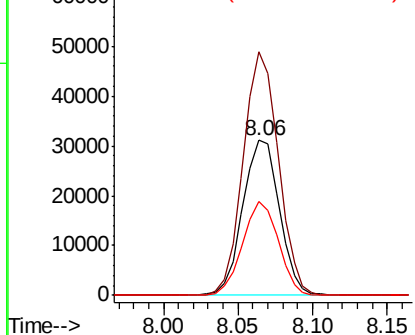
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53041
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 60.7 44.5 66.7



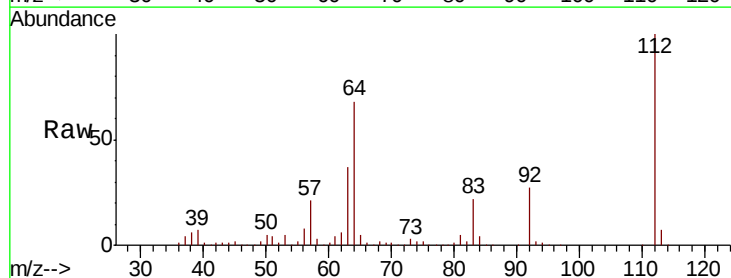
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



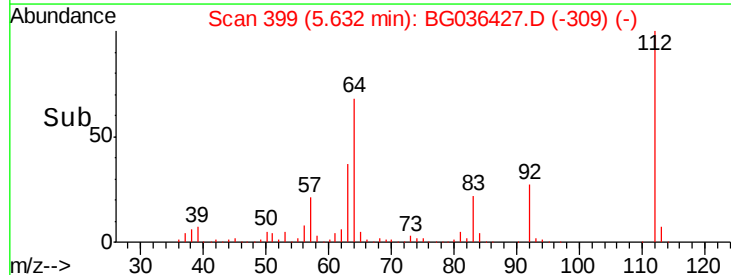
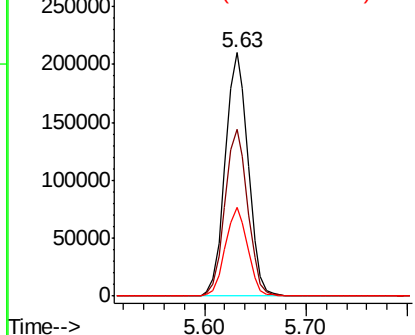
#5

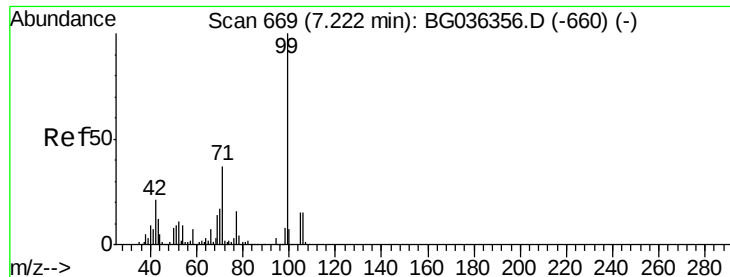
2-Fluorophenol
Concen: 98.202 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Tgt Ion:112 Resp: 328357
Ion Ratio Lower Upper
112 100
64 68.4 57.2 85.8
63 36.6 30.8 46.2



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





#7

Phenol-d6

Concen: 84.903 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampled :

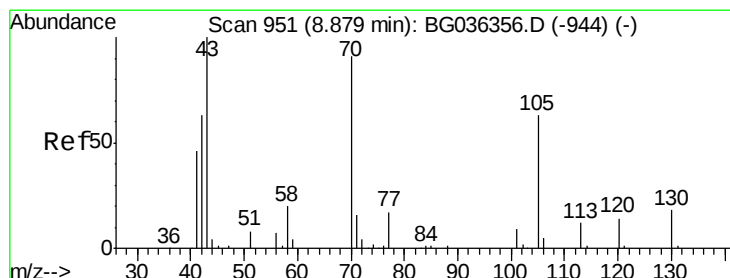
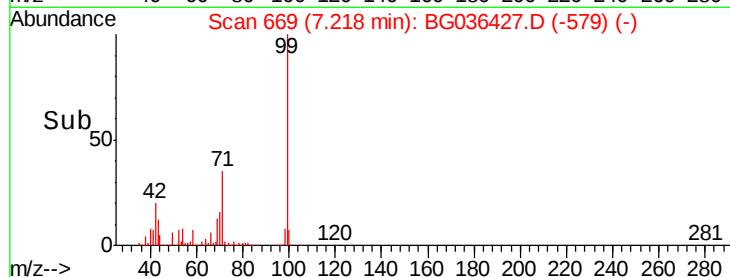
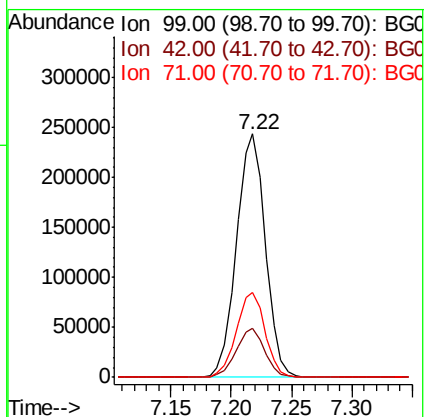
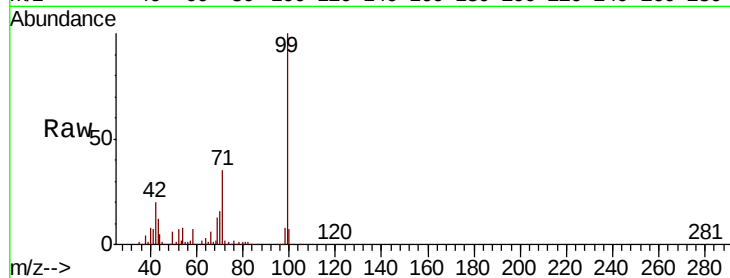
Tot Ion: 99 Resp: 406460

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 35.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.339 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Tgt Ion: 70 Resp: 40570

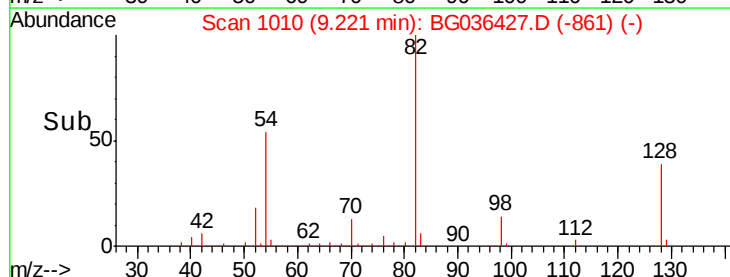
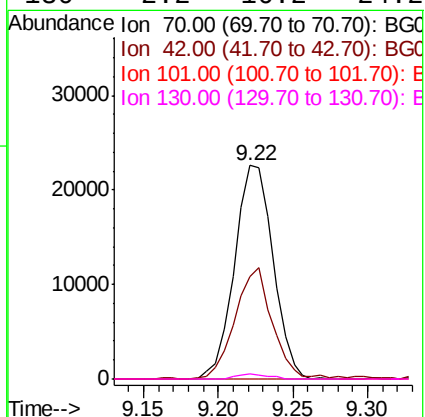
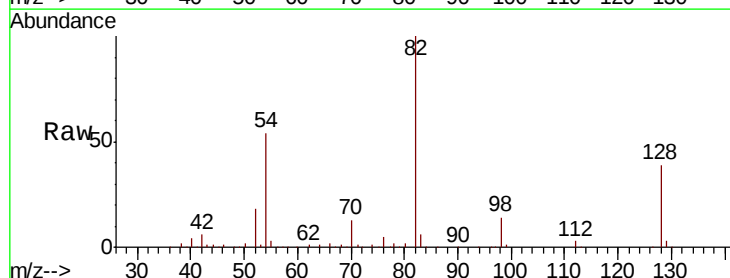
Ion Ratio Lower Upper

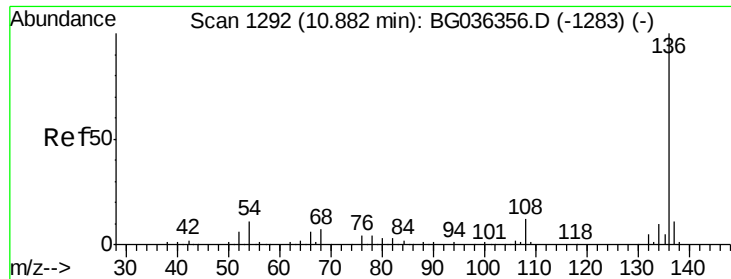
70 100

42 47.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 16.2 24.2#

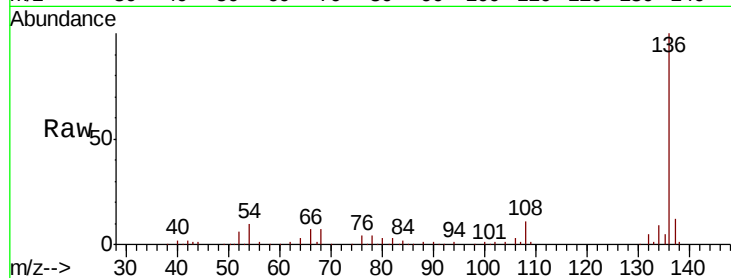




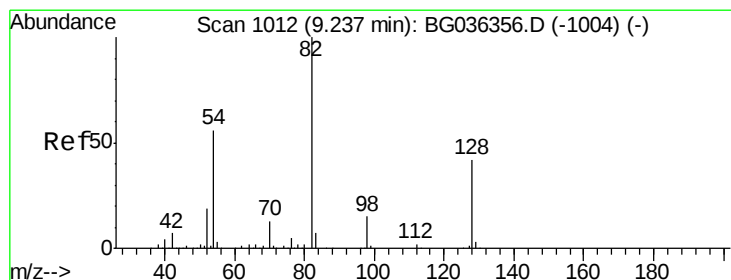
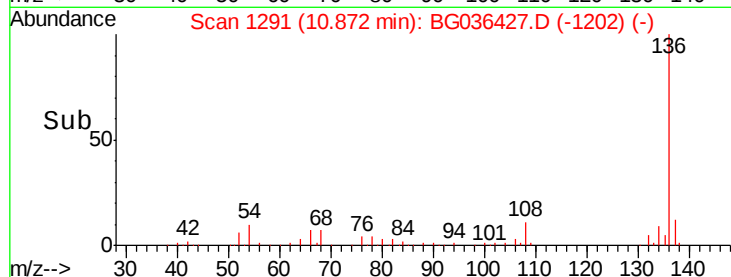
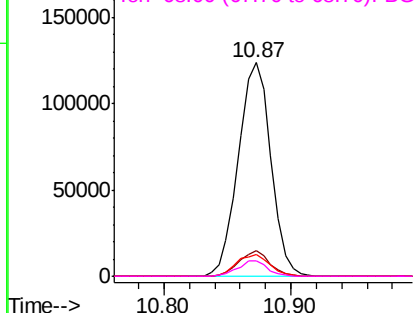
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	220997
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.8 13.2
54	10.3	9.2 13.8
68	7.0	5.8 8.6

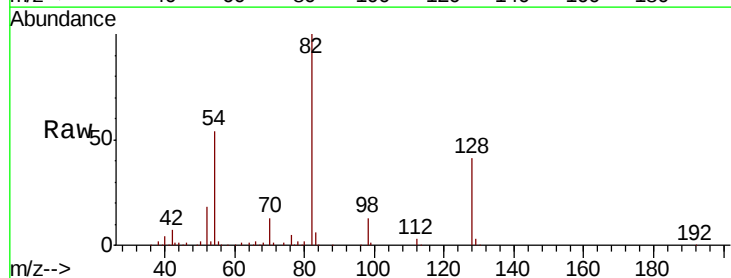


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

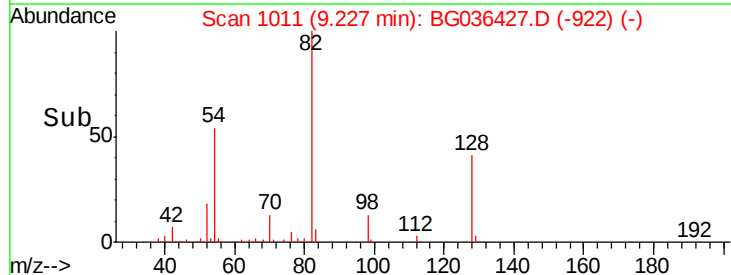
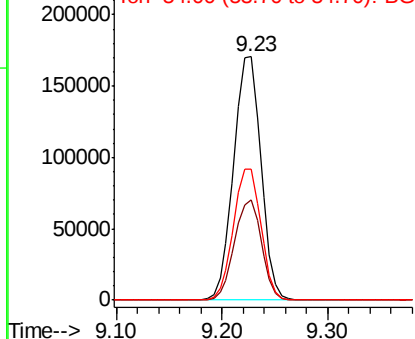


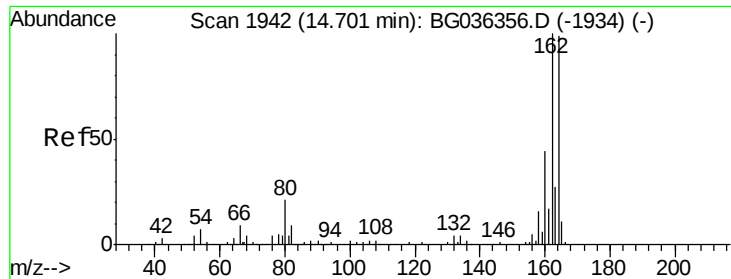
#23
Nitrobenzene-d5
Concen: 74.981 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Tgt Ion: 82	Resp:	305410
Ion	Ratio	Lower Upper
82	100	
128	41.3	33.3 49.9
54	53.7	45.1 67.7



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: 14.69 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampleId :

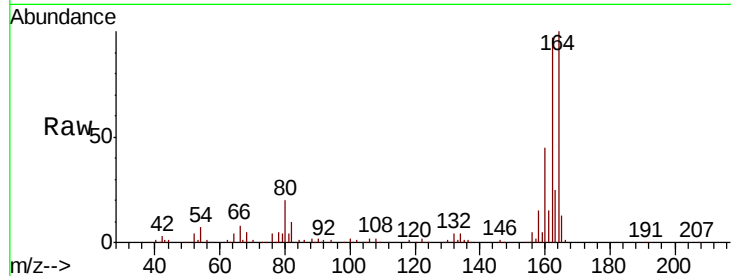
Tot Ion:164 Resp: 149934

Ion Ratio Lower Upper

164 100

162 96.7 80.7 121.1

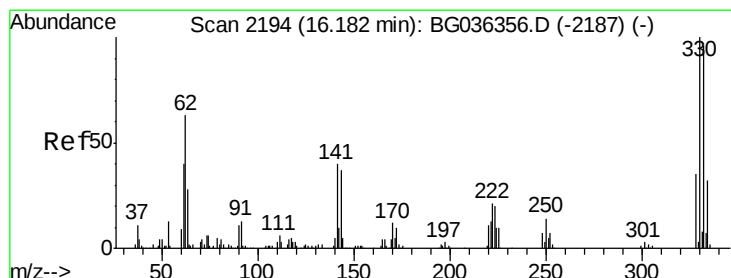
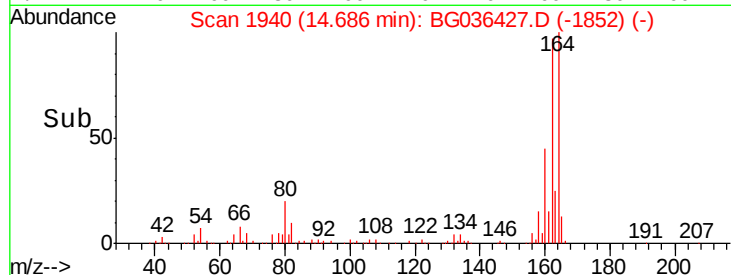
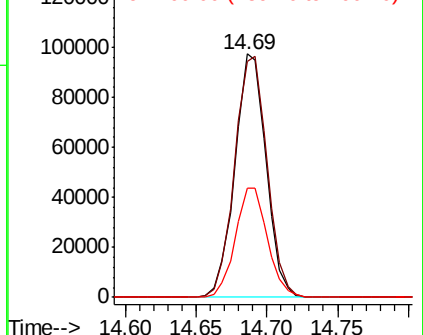
160 44.8 35.3 52.9



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: 117.947 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

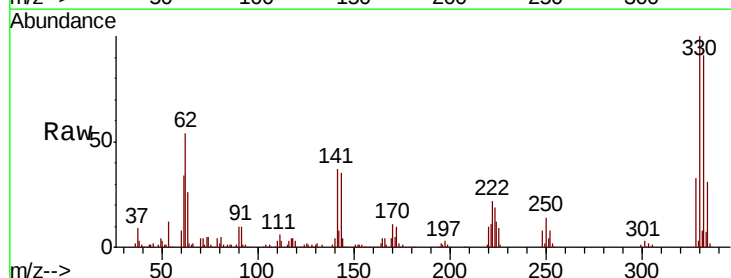
Tgt Ion:330 Resp: 211012

Ion Ratio Lower Upper

330 100

332 93.7 75.4 113.2

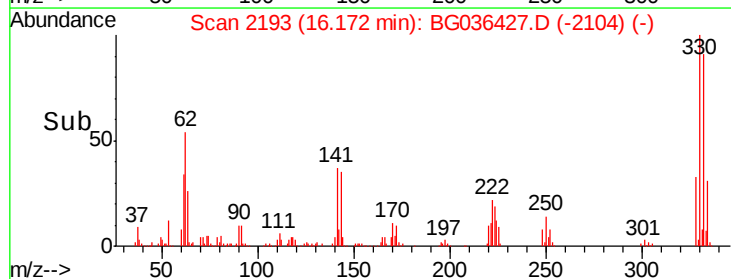
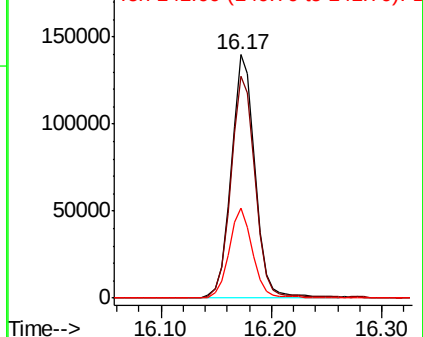
141 36.5 30.7 46.1



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: 70.968 ng

RT: 13.32 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampleId :

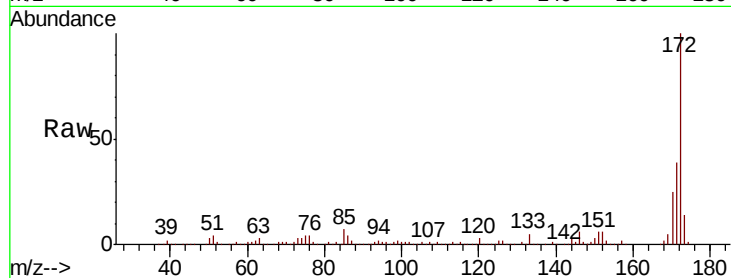
Tot Ion:172 Resp: 745233

Ion Ratio Lower Upper

172 100

171 38.8 31.3 46.9

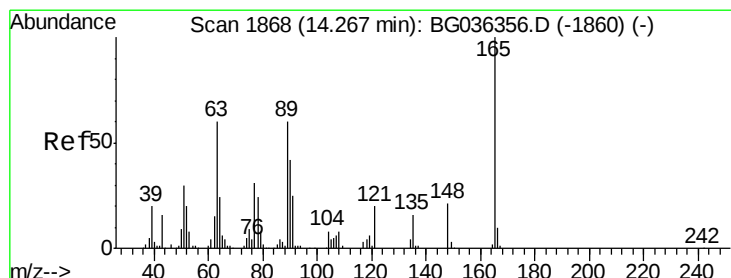
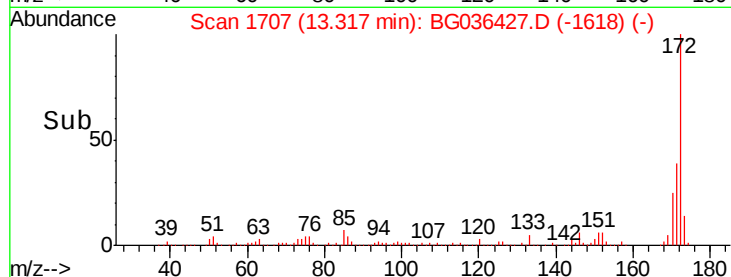
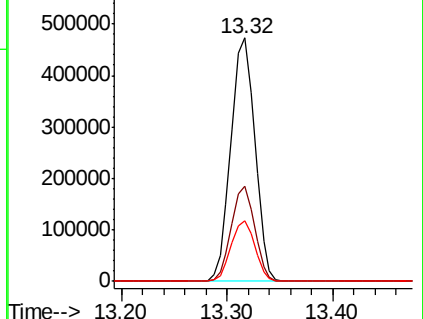
170 24.9 21.0 31.6



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



#50

2,6-Dinitrotoluene

Concen: 7.874 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.42 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

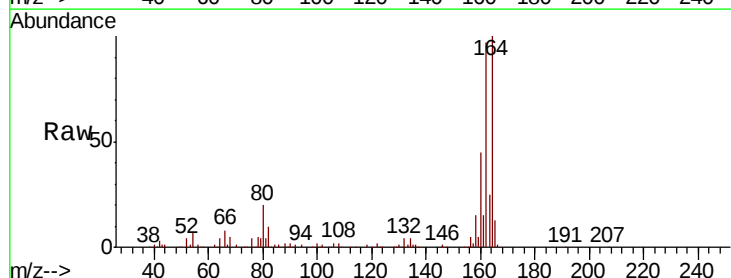
Tgt Ion:165 Resp: 19837

Ion Ratio Lower Upper

165 100

63 1.8 50.1 75.1#

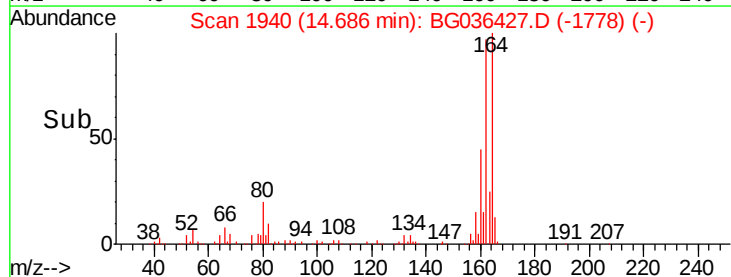
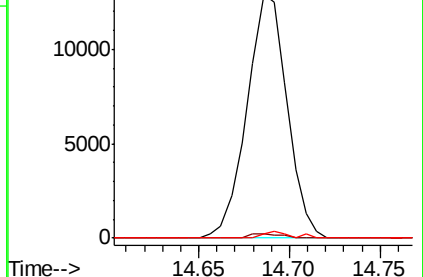
89 2.0 47.8 71.6#

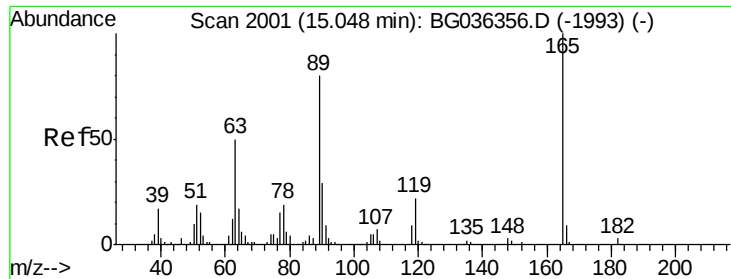


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

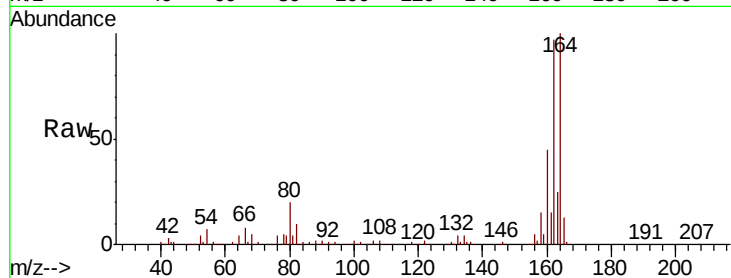




#56
 2,4-Dinitrotoluene
 Concen: 6.042 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

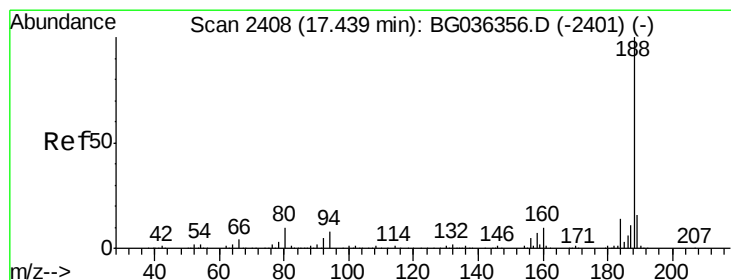
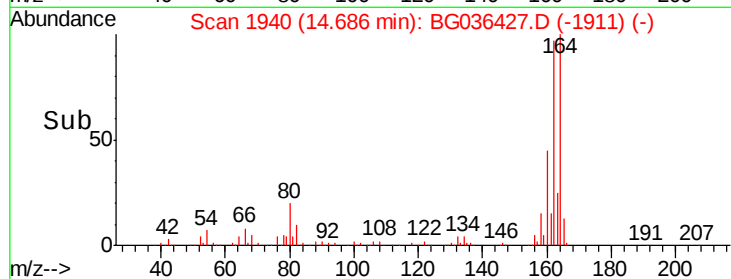
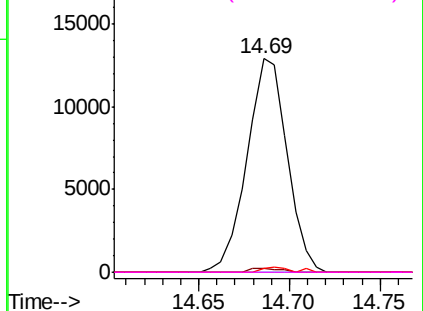


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

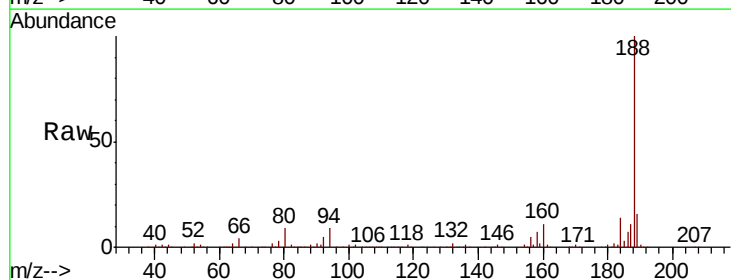
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

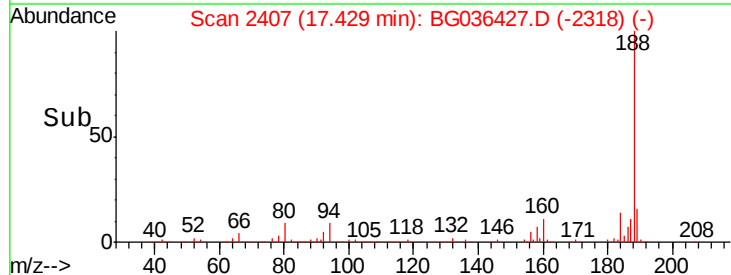
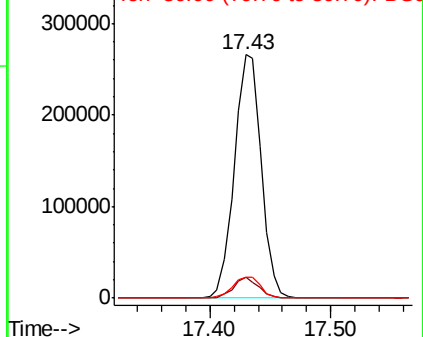
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	8.8	8.1	12.1

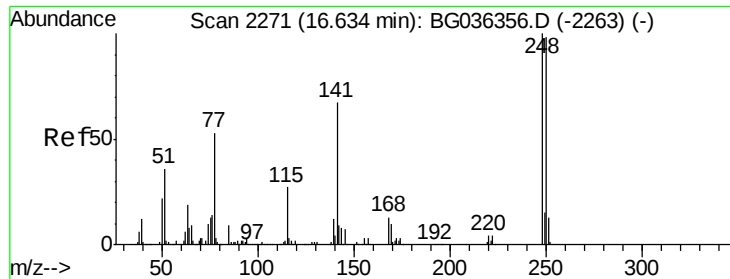


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

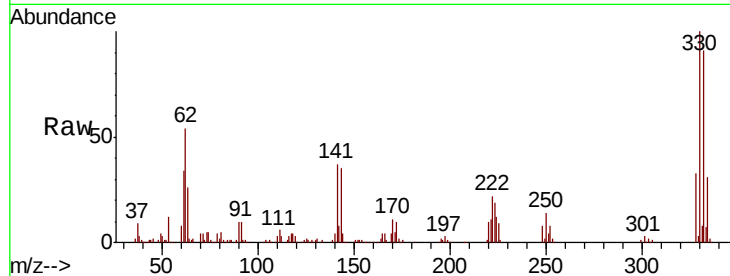




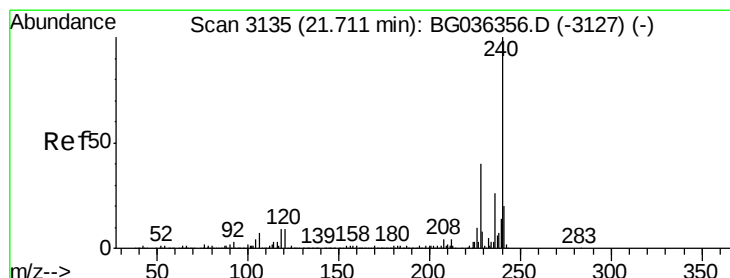
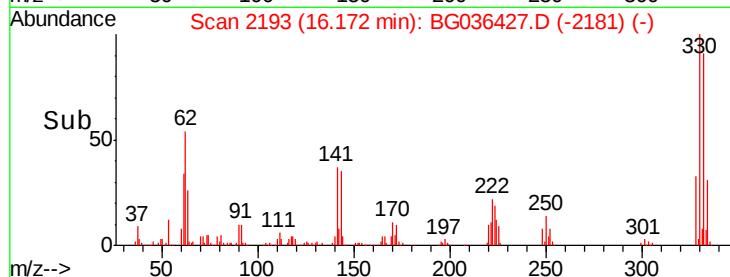
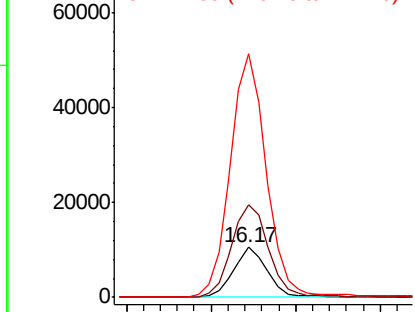
#66
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14717
Ion Ratio Lower Upper
248 100
250 186.9 78.1 117.1#
141 488.8 53.7 80.5#

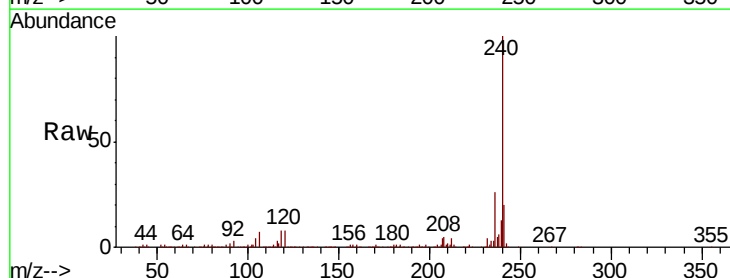


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

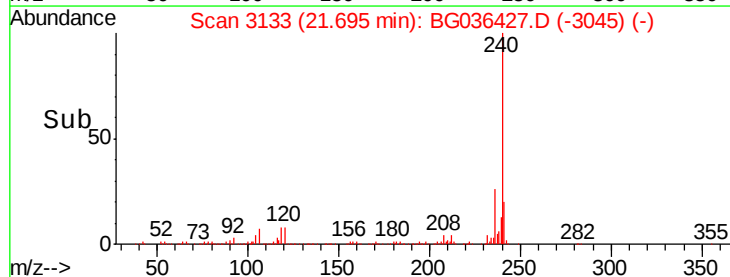
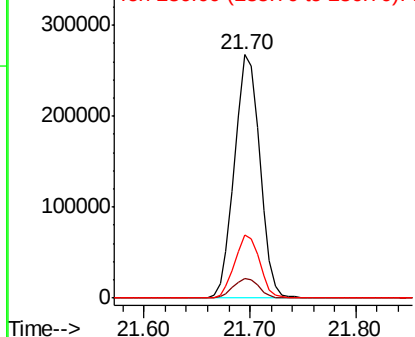


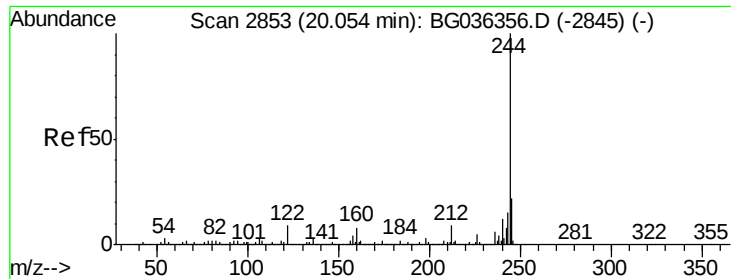
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Tgt Ion:240 Resp: 444710
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 21.2 31.8



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: 75.945 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampled :

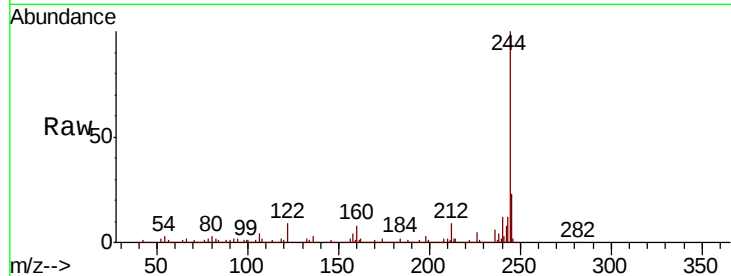
Tot Ion:244 Resp: 1444945

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

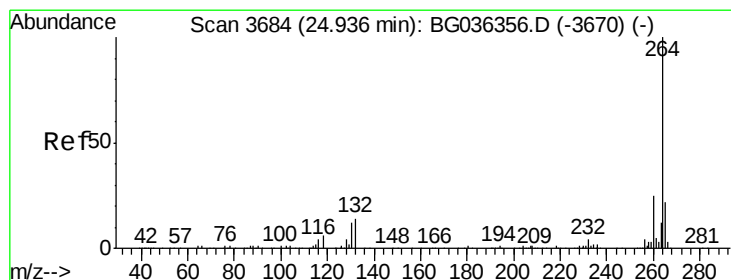
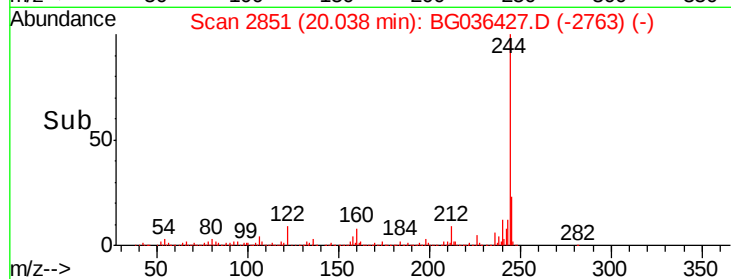
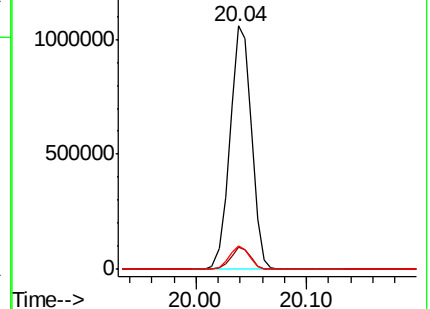
122 9.5 7.1 10.7



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. -0.02 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

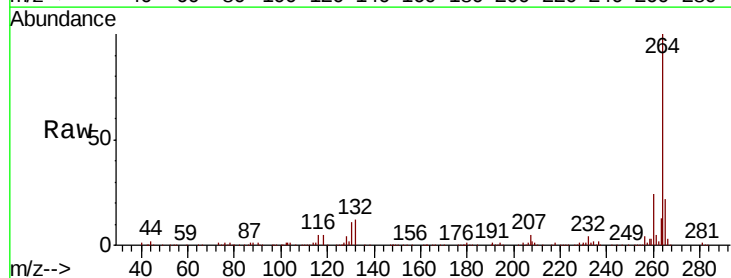
Tgt Ion:264 Resp: 439160

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.5 17.4 26.0



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

