

Data File : BG036587.D
Acq On : 7 Sep 2018 2:39
Operator : JU/SJ
Sample : PB112644TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112644TB

Quant Time: Sep 07 04:35:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54573	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	232651	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161965	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	418136	20.00	ng	0.00
75) Chrysene-d12	21.69	240	433070	20.00	ng	0.00
86) Perylene-d12	24.90	264	387657	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	438528	127.47	ng	0.00
7) Phenol-d6	7.21	99	617445	125.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	373883	87.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	250459	129.60	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	929836	81.97	ng	0.00
78) Terphenyl-d14	20.03	244	1562134	84.31	ng	0.00

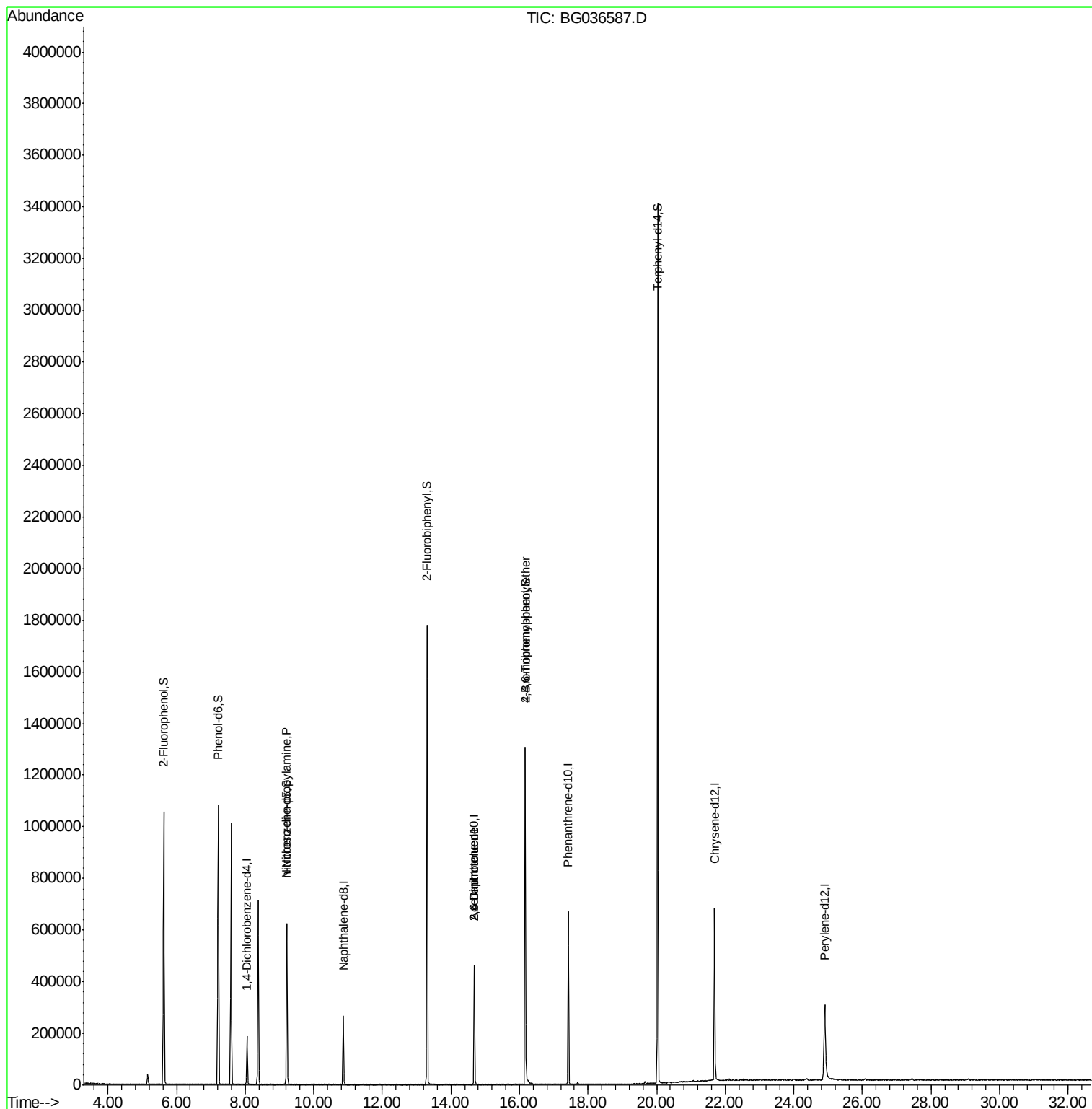
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	49019	13.316	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	20063	7.372	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20063	5.657	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17191	3.512	ng	# 1

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

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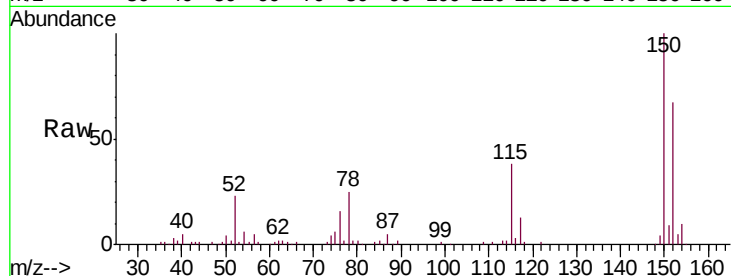


#1

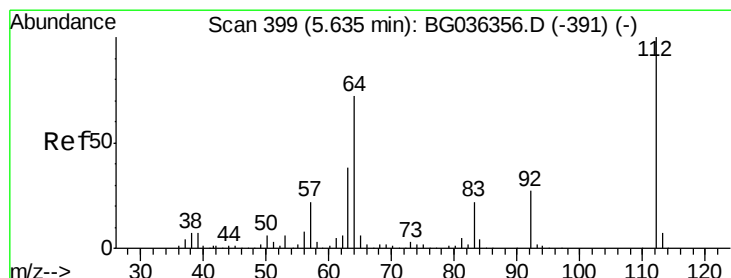
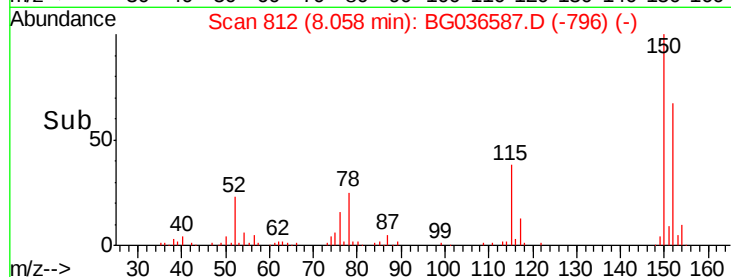
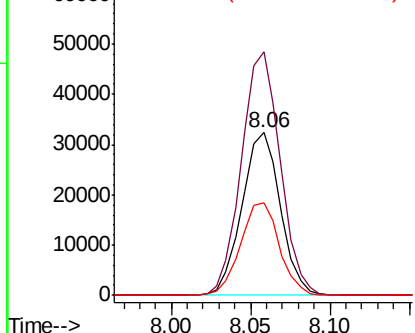
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tgt Ion:152 Resp: 54573
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 57.1 44.5 66.7



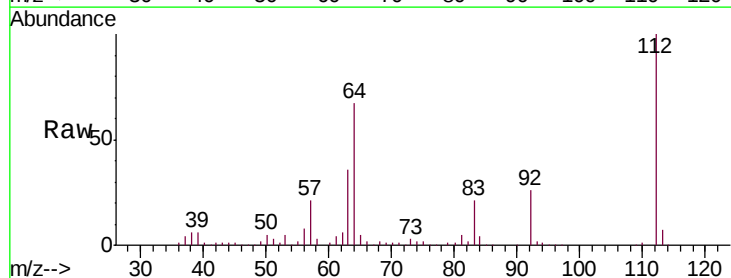
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



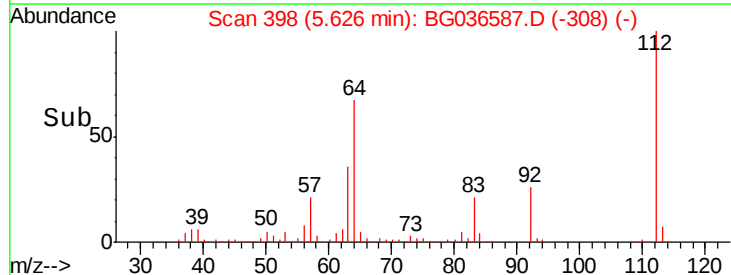
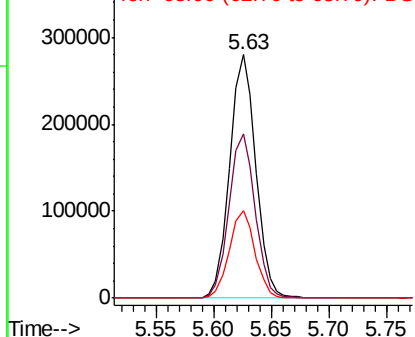
#5

2-Fluorophenol
Concen: 127.469 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion:112 Resp: 438528
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 36.1 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: 125.353 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

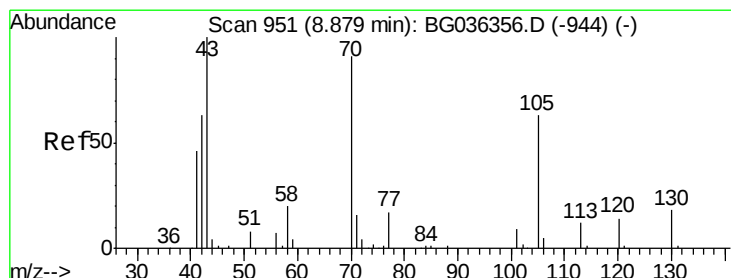
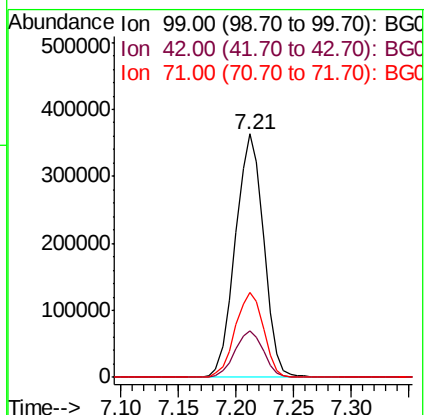
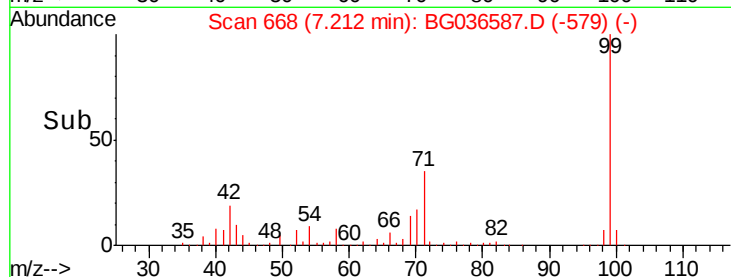
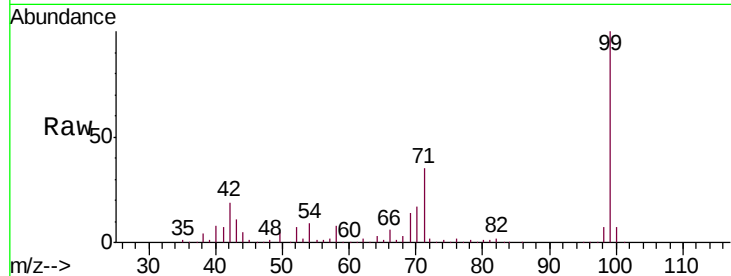
Tgt Ion: 99 Resp: 617445

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 34.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.316 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Tgt Ion: 70 Resp: 49019

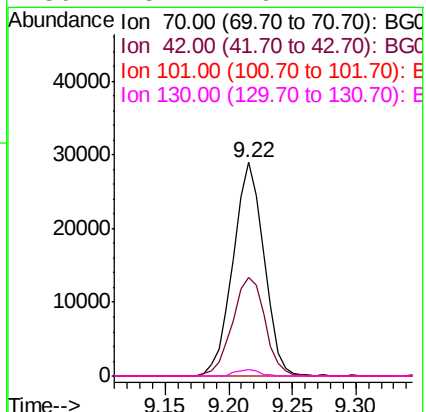
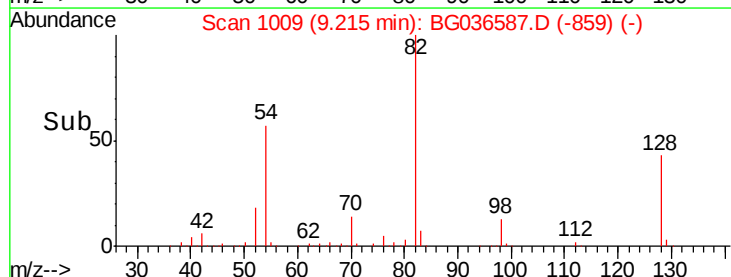
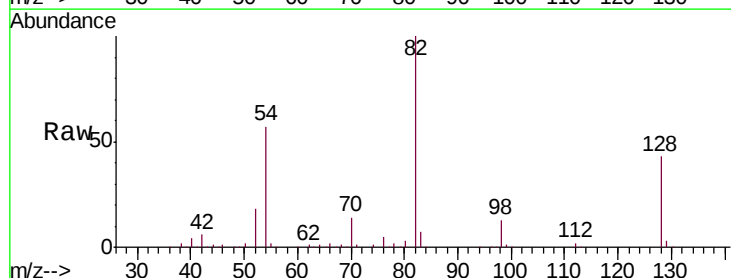
Ion Ratio Lower Upper

70 100

42 46.0 56.2 84.4#

101 0.0 7.8 11.6#

130 3.2 16.2 24.2#

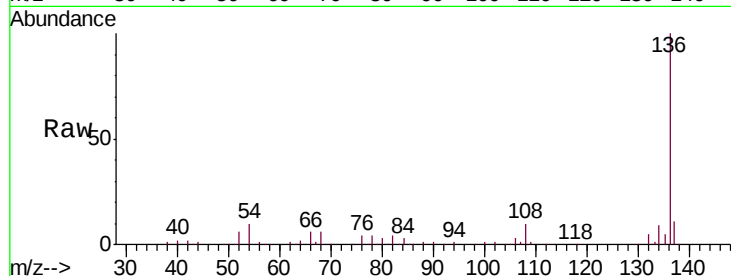




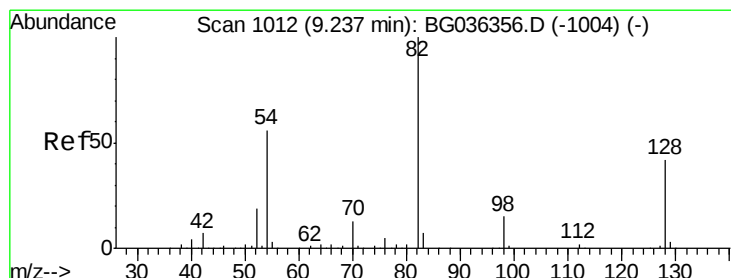
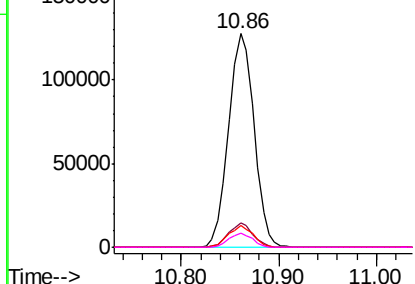
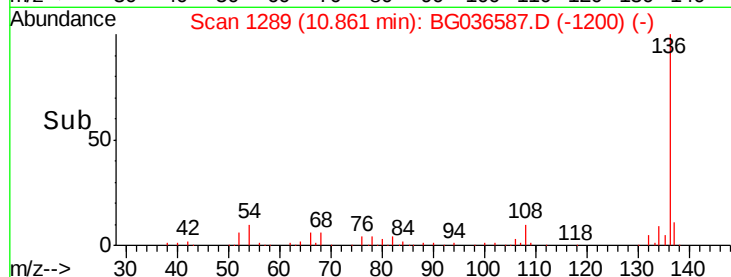
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tgt Ion:	136	Resp:	232651
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	9.2	13.8
68	6.4	5.8	8.6

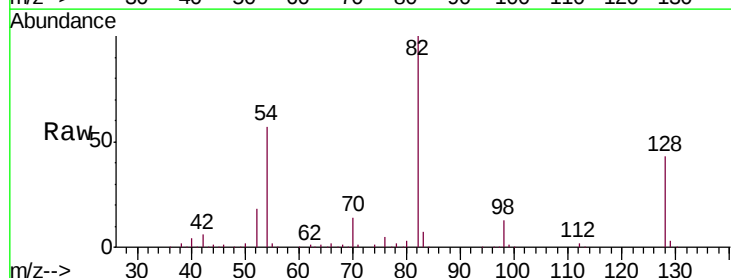


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

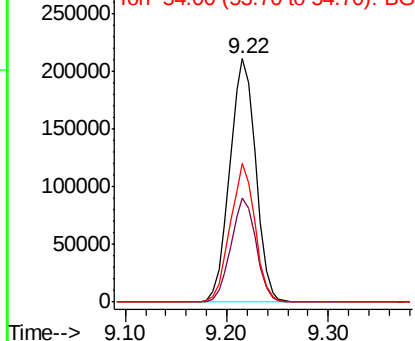
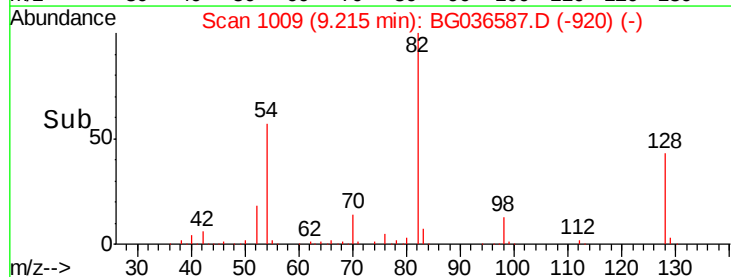


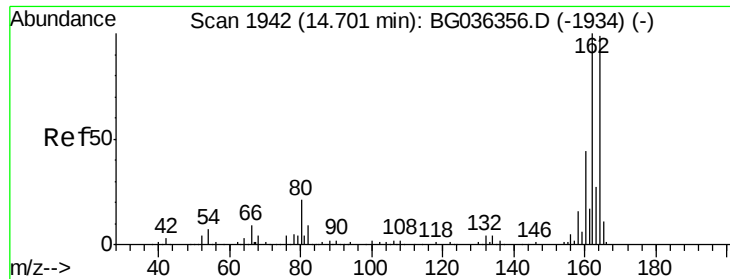
#23
Nitrobenzene-d5
Concen: 87.194 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion:	82	Resp:	373883
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.3	49.9
54	56.7	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

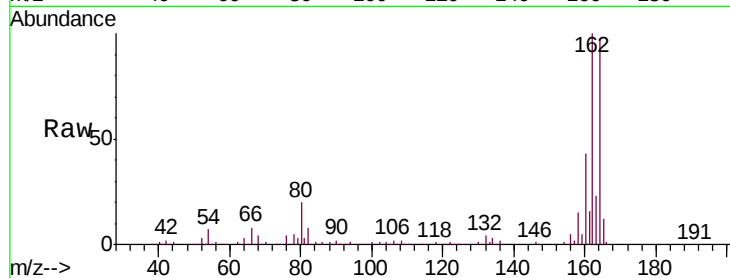
Tgt Ion:164 Resp: 161965

Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

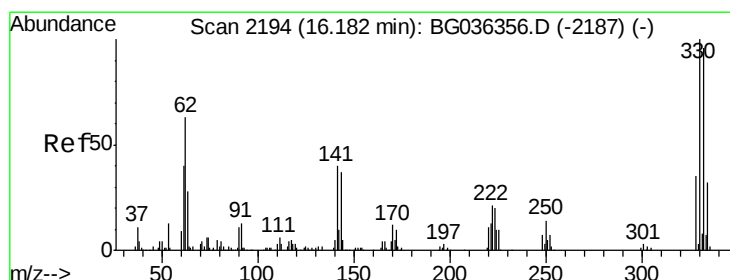
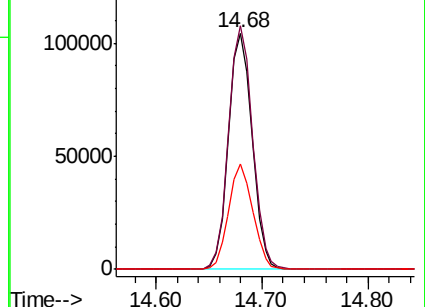
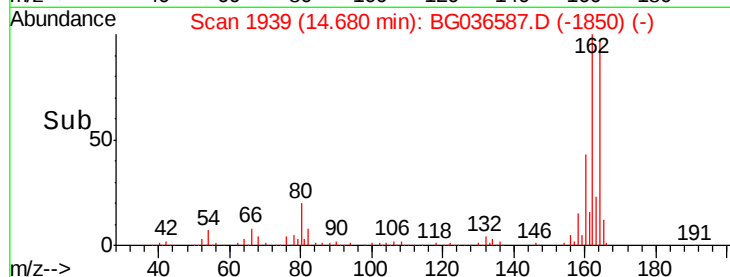
160 44.4 35.3 52.9



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: 129.597 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

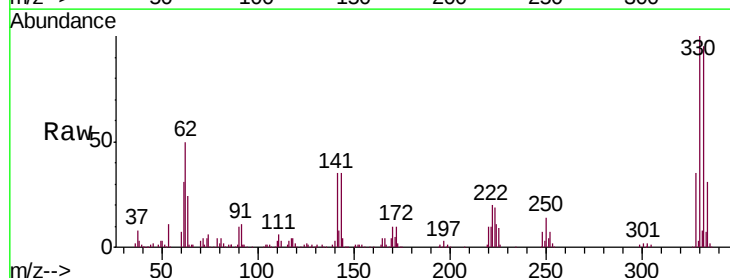
Tgt Ion:330 Resp: 250459

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

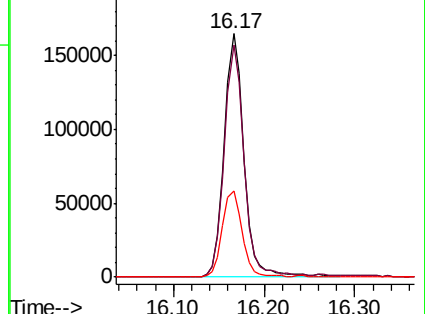
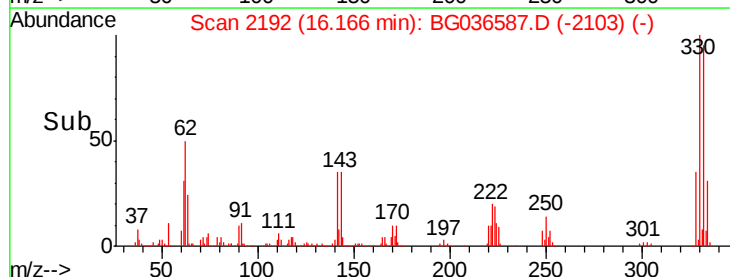
141 35.3 30.7 46.1



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: 81.971 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

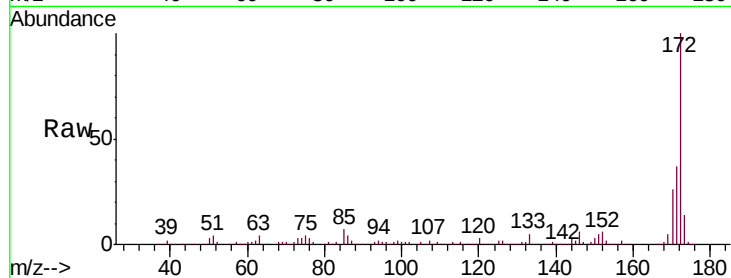
Tgt Ion:172 Resp: 929836

Ion Ratio Lower Upper

172 100

171 37.2 31.3 46.9

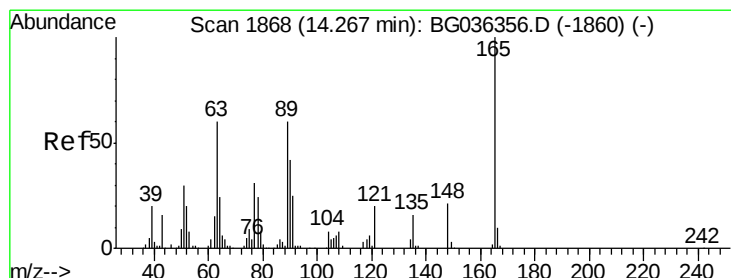
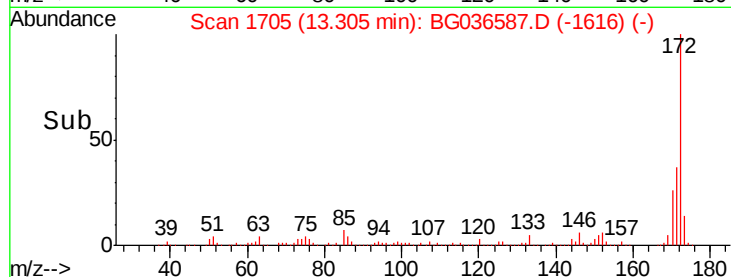
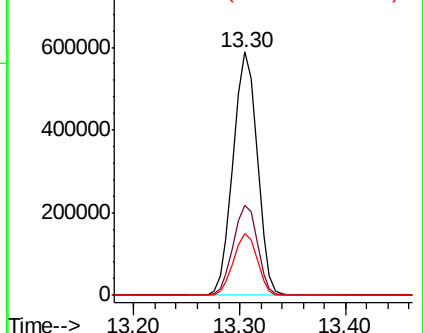
170 25.5 21.0 31.6



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: 7.372 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.42 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

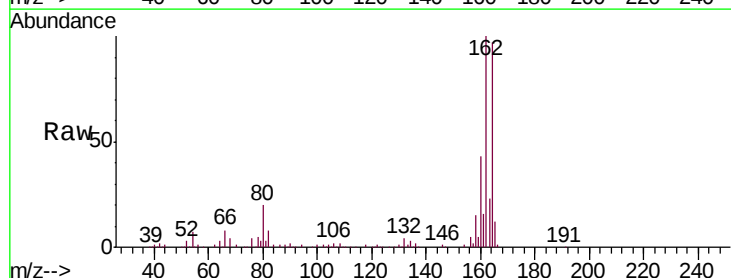
Tgt Ion:165 Resp: 20063

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

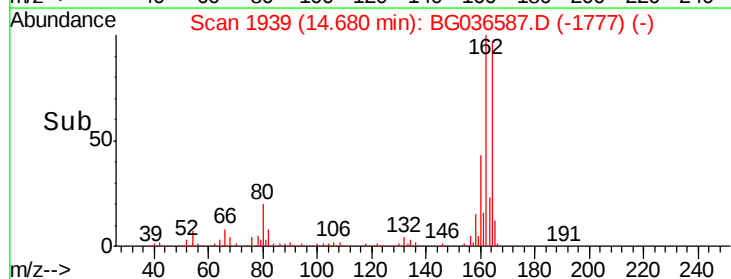
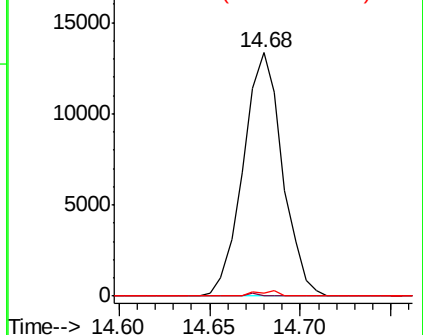
89 1.3 47.8 71.6#

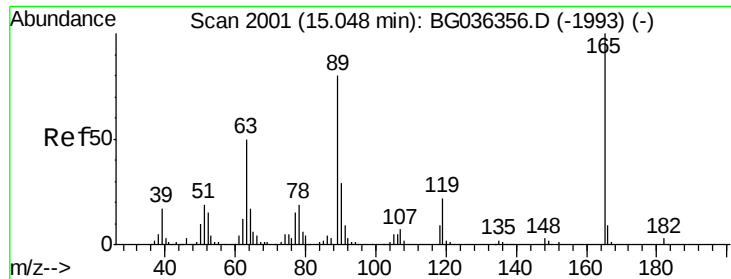


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

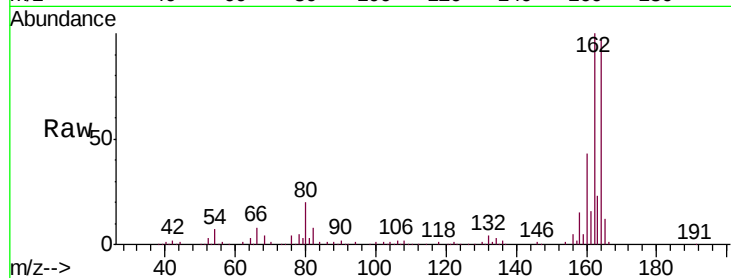




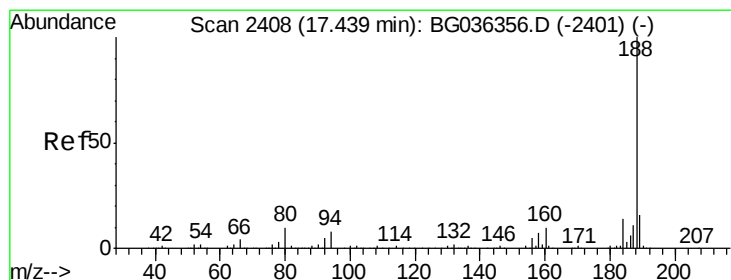
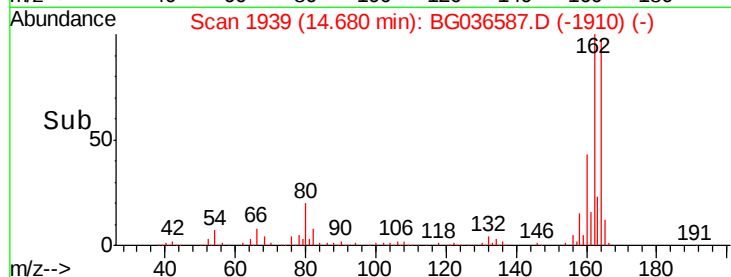
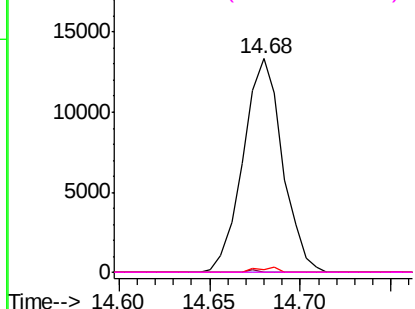
#56
2,4-Dinitrotoluene
Concen: 5.657 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Instrument :
BNA_G
ClientSampleId :
PB112644TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.3	63.7	95.5#
182	0.0	2.5	3.7#



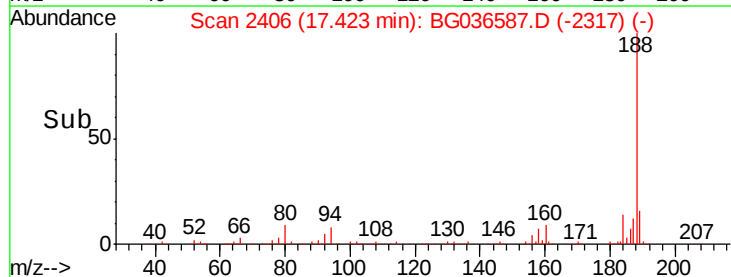
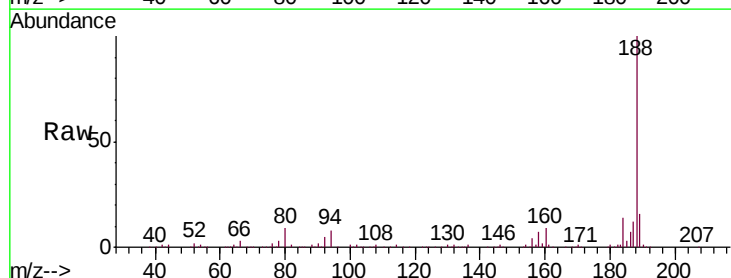
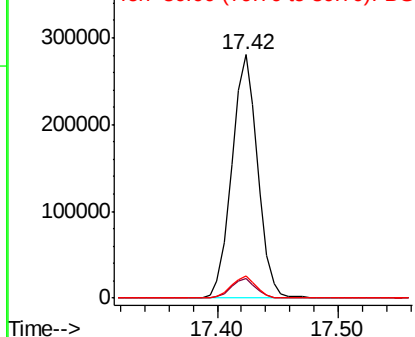
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

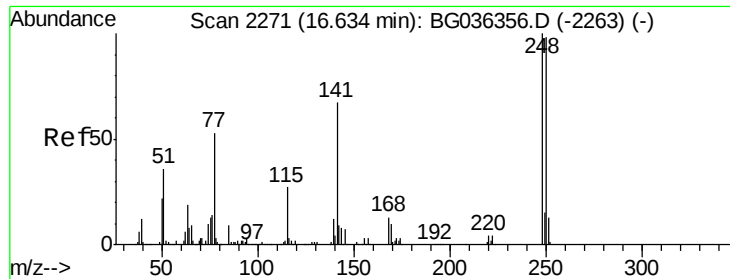


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036587.D
Acq: 7 Sep 2018 2:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.0	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

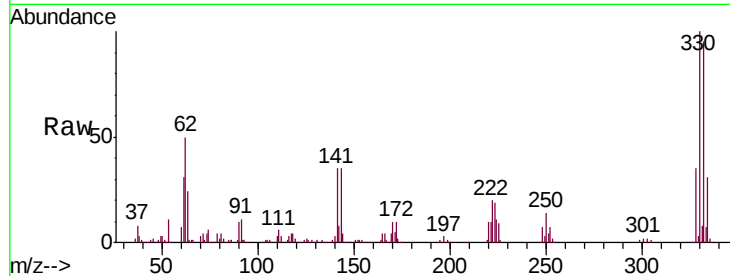




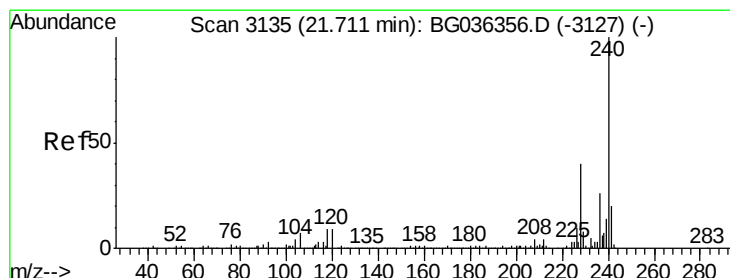
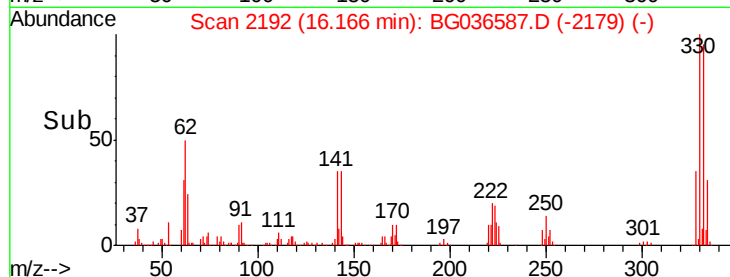
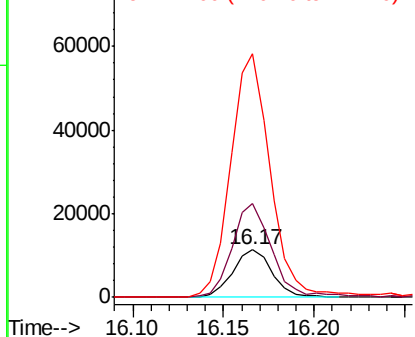
#66
 4-Bromophenyl-phenylether
 Concen: 3.512 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036587.D
 Acq: 7 Sep 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 PB112644TB

Tgt Ion:248 Resp: 17191
 Ion Ratio Lower Upper
 248 100
 250 197.5 78.1 117.1#
 141 510.9 53.7 80.5#

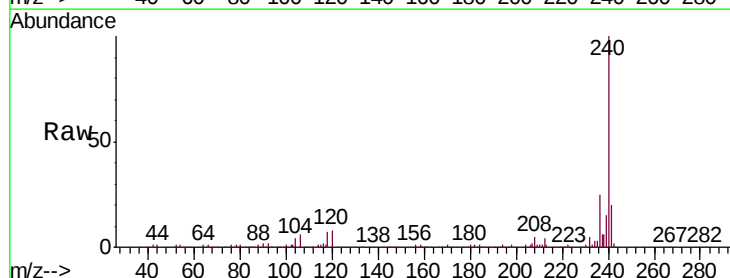


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

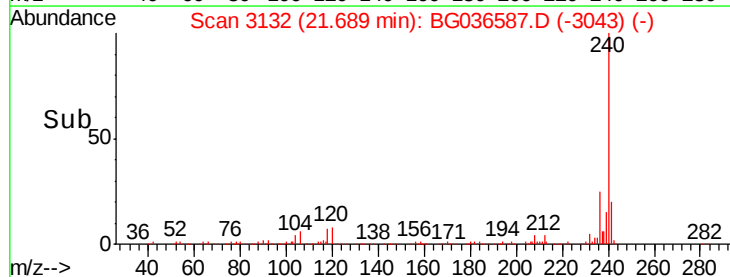
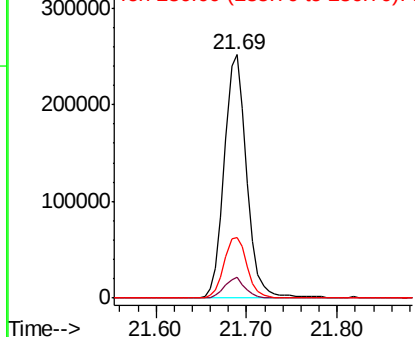


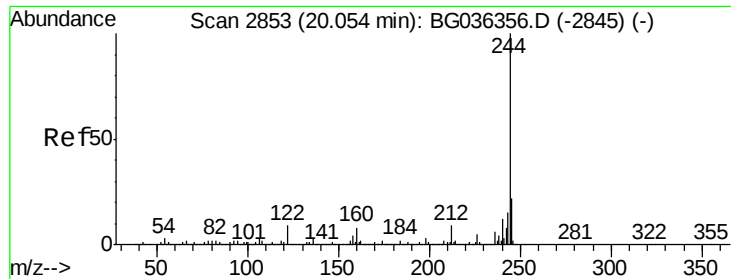
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036587.D
 Acq: 7 Sep 2018 2:39

Tgt Ion:240 Resp: 433070
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.1 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: 84.311 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

Instrument :

BNA_G

ClientSampleId :

PB112644TB

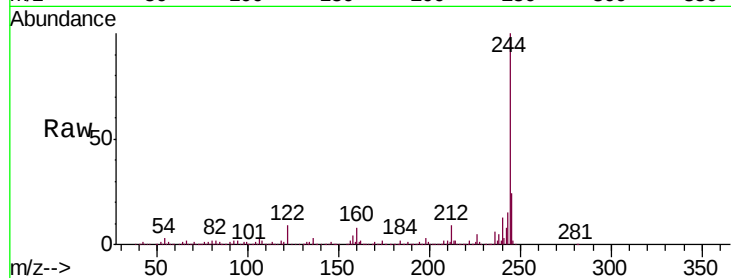
Tgt Ion:244 Resp: 1562134

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

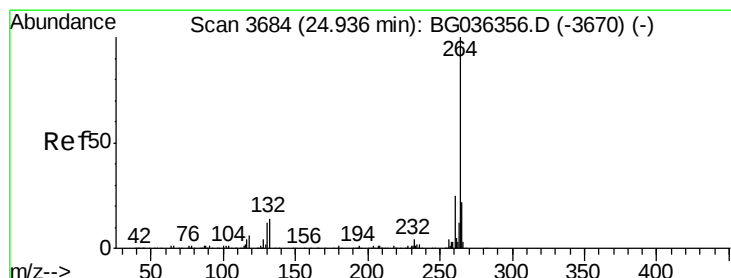
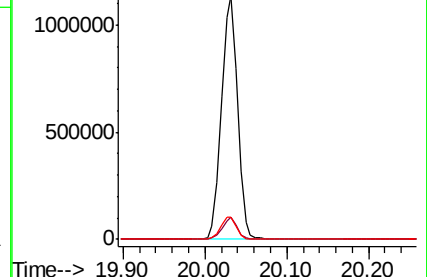
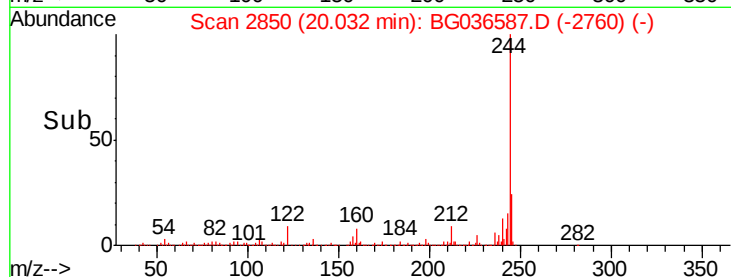
122 9.2 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036587.D

Acq: 7 Sep 2018 2:39

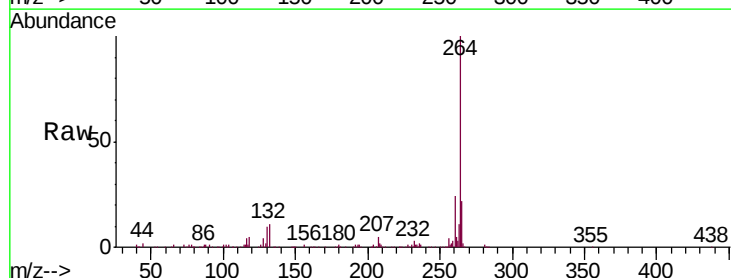
Tgt Ion:264 Resp: 387657

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.4 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

