

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080118\
 Data File : BG036033.D
 Acq On : 1 Aug 2018 14:38
 Operator : JU/SJ
 Sample : J4238-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVB-3

Quant Time: Aug 01 16:33:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

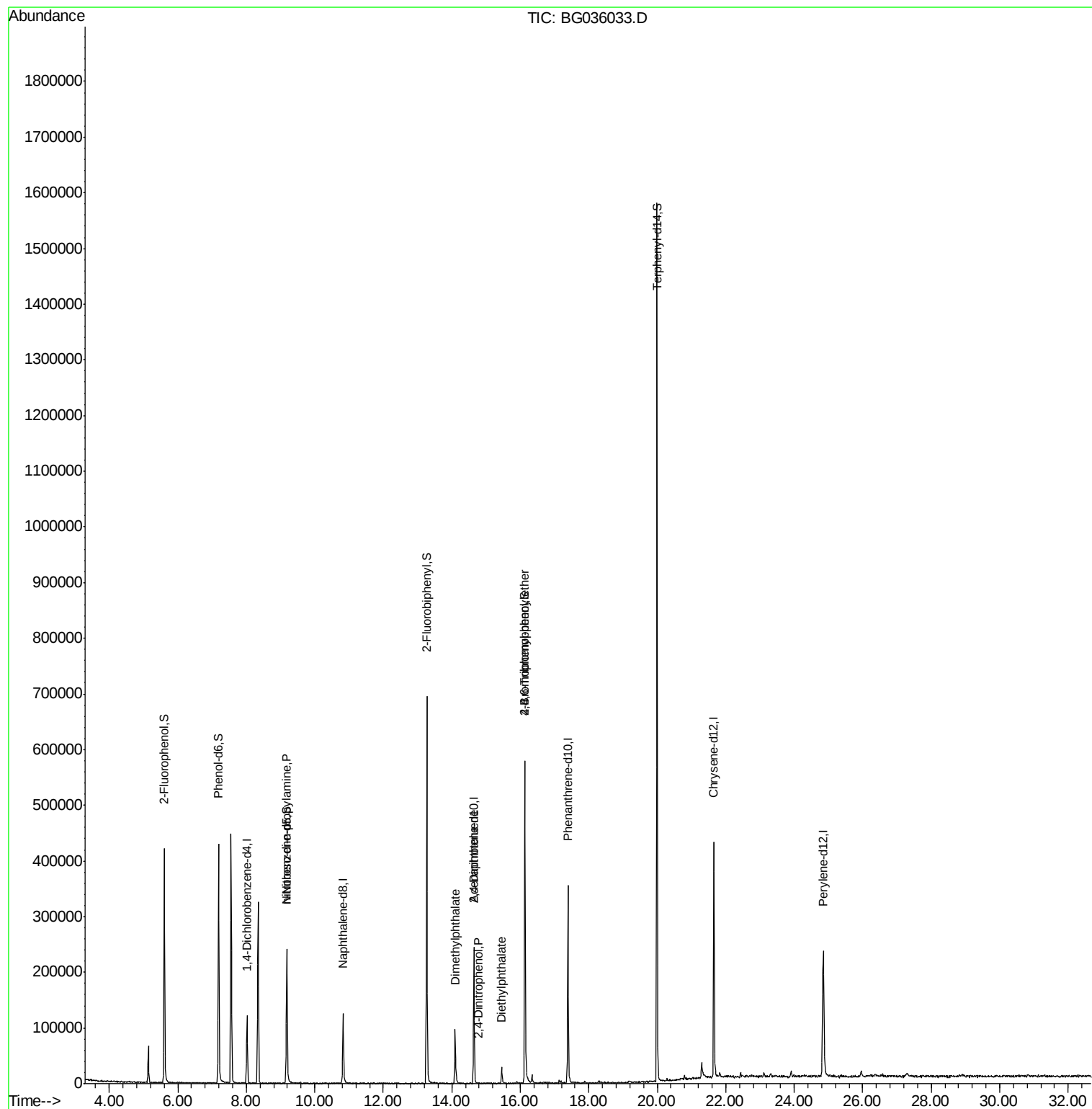
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33507	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124783	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	91074	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	254171	20.00	ng	0.00
75) Chrysene-d12	21.65	240	288685	20.00	ng	0.00
86) Perylene-d12	24.85	264	268406	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	194662	96.45	ng	0.00
7) Phenol-d6	7.19	99	276984	91.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	183095	61.30	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	120943	100.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	398314	58.59	ng	0.00
78) Terphenyl-d14	19.99	244	764555	58.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	24622	9.710	ng	# 69
49) Dimethylphthalate	14.10	163	82105	10.290	ng	# 97
53) 2,4-Dinitrophenol	14.77	184	56	6.644	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	13299	5.705	ng	# 22
59) Diethylphthalate	15.45	149	17837	2.174	ng	95
66) 4-Bromophenyl-phenylether	16.13	248	10264	3.481	ng	# 1

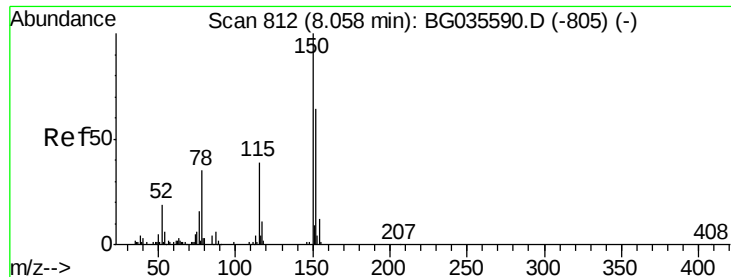
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



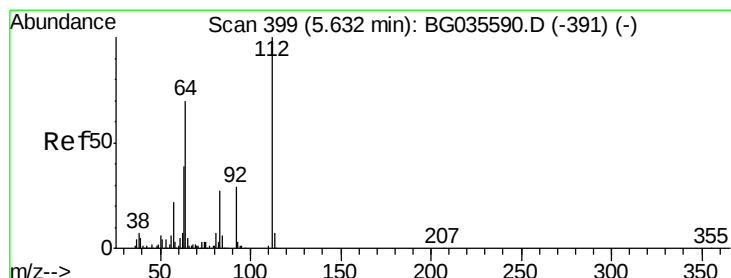
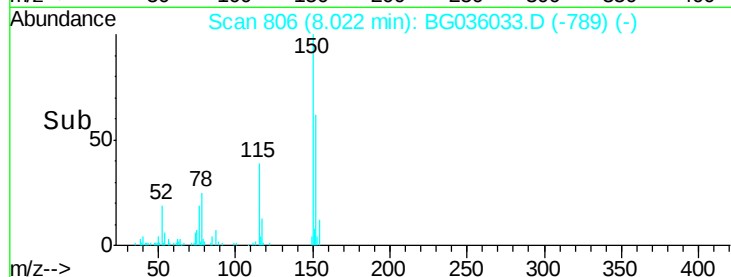
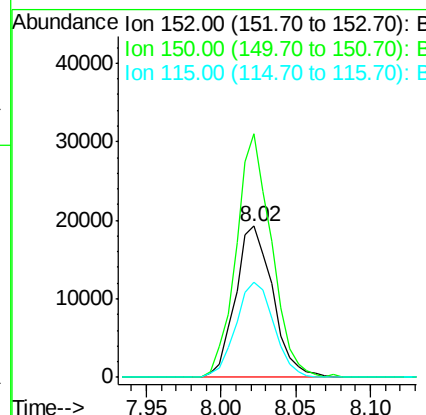
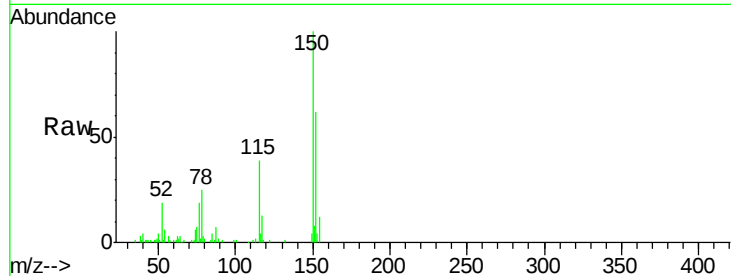


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :
 RVB-3

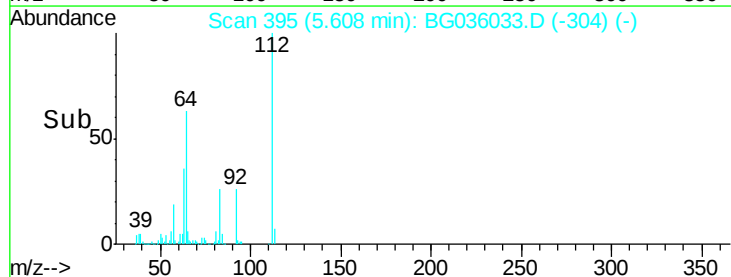
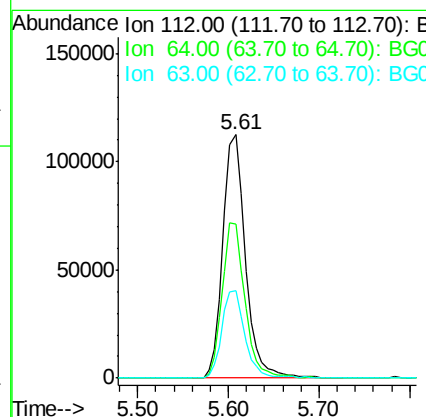
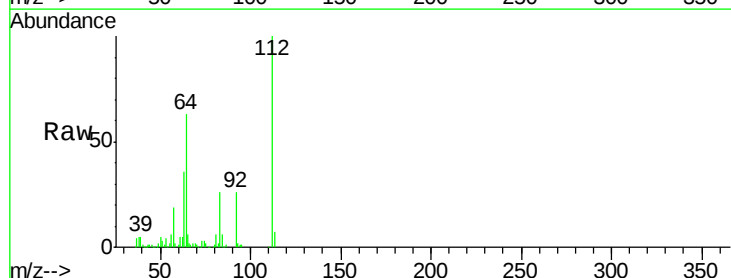
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	63.0	53.0	79.4

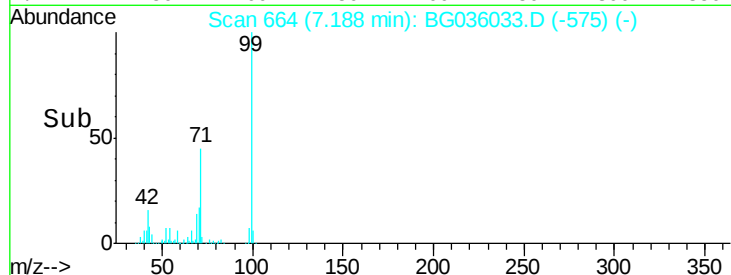
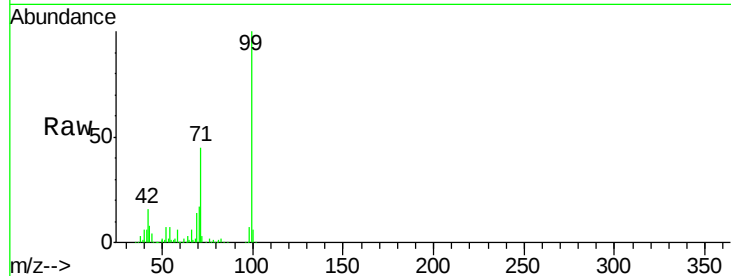
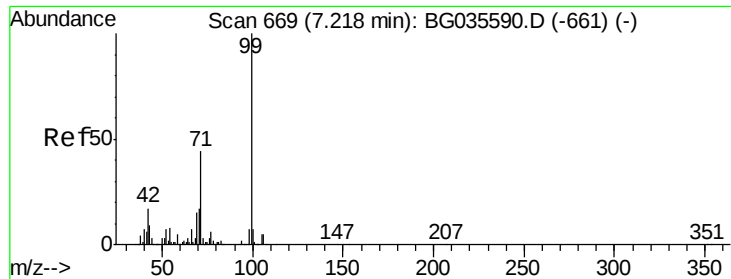


#5

2-Fluorophenol
 Concen: 96.453 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	35.9	30.1	45.1





#7

Phenol-d6

Concen: 91.986 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

Instrument :

BNA_G

ClientSampleId :

RVB-3

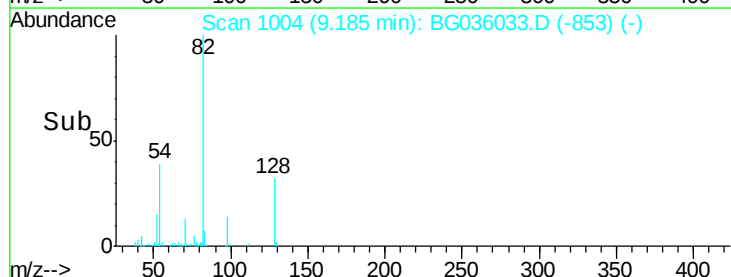
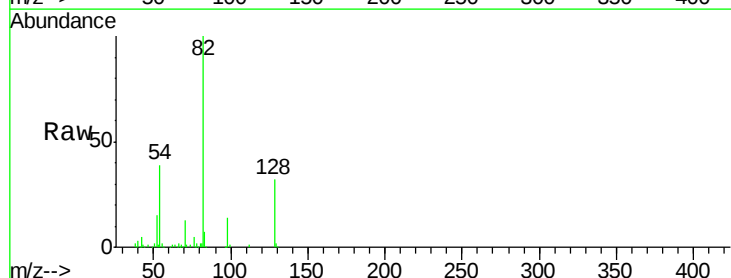
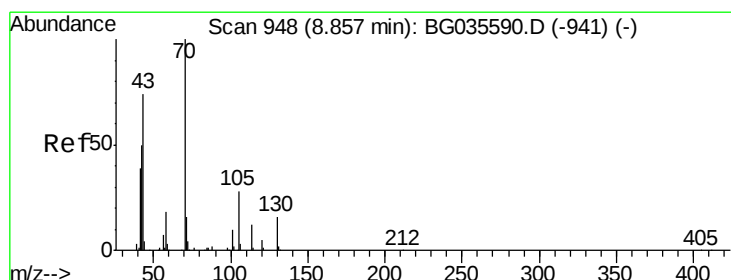
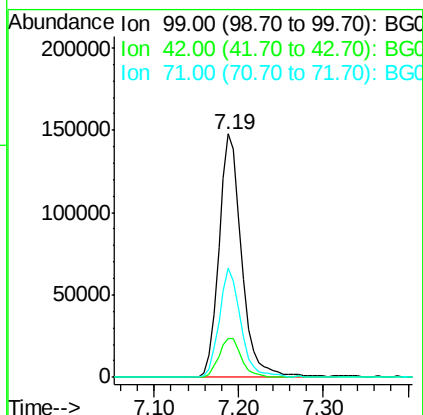
Tgt Ion: 99 Resp: 276984

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 45.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 9.710 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

Tgt Ion: 70 Resp: 24622

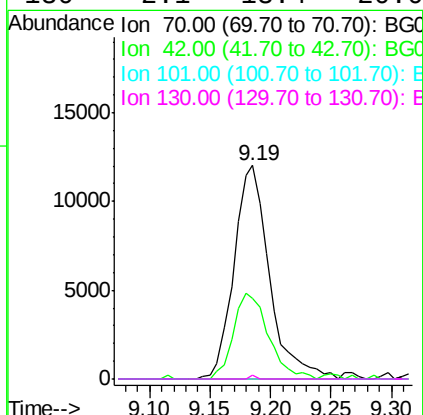
Ion Ratio Lower Upper

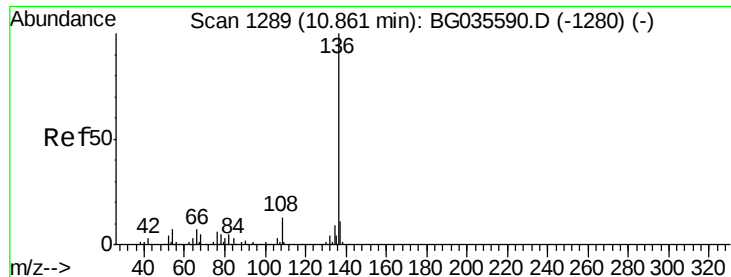
70 100

42 37.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

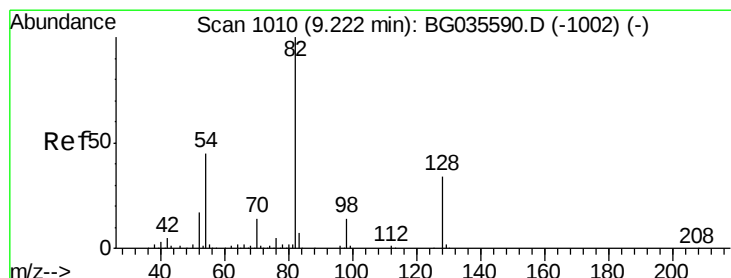
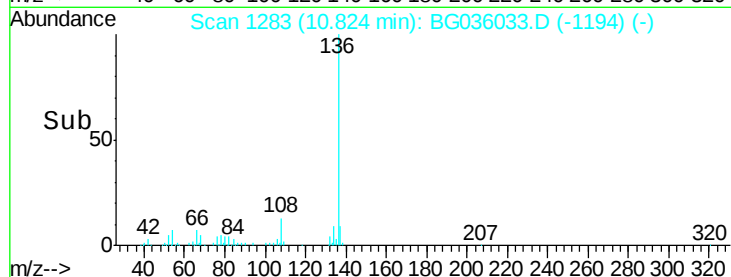
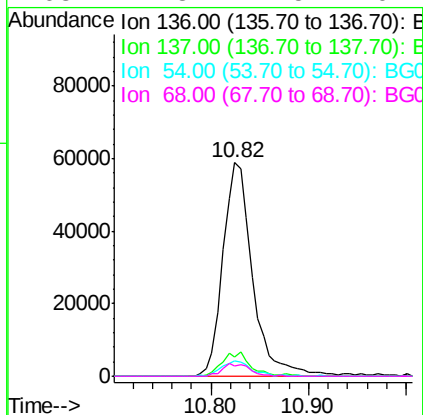
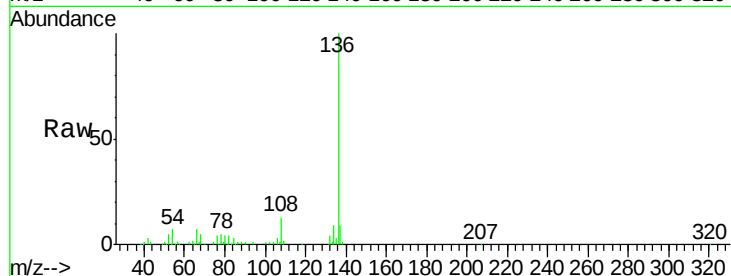




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

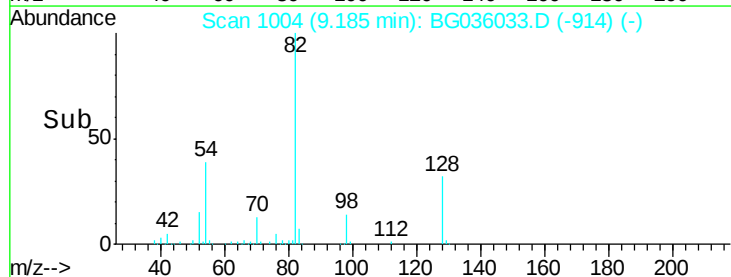
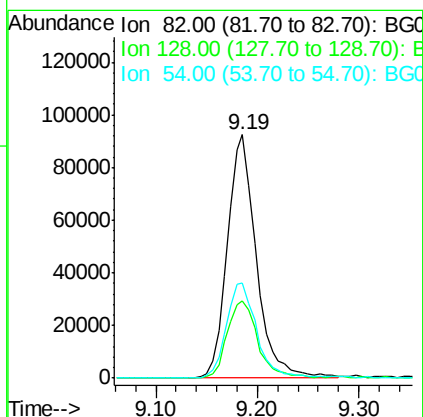
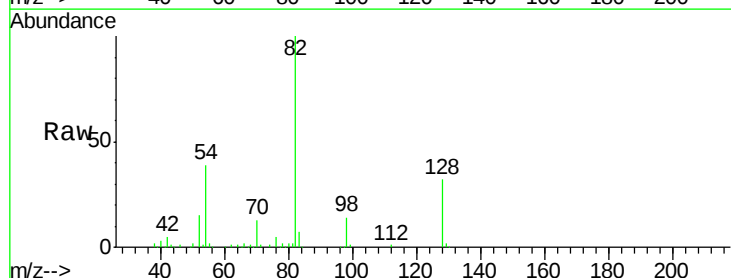
Instrument :
BNA_G
ClientSampleId :
RVB-3

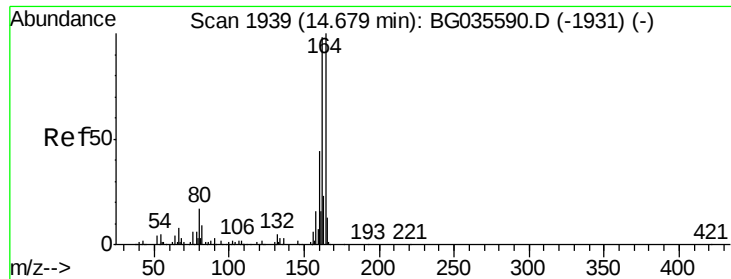
Tgt Ion:	136	Resp:	124783
Ion	Ratio	Lower	Upper
136	100		
137	9.0	9.2	13.8#
54	7.4	10.3	15.5#
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 61.296 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

Tgt Ion:	82	Resp:	183095
Ion	Ratio	Lower	Upper
82	100		
128	31.8	29.7	44.5
54	39.2	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

Instrument :

BNA_G

ClientSampleId :

RVB-3

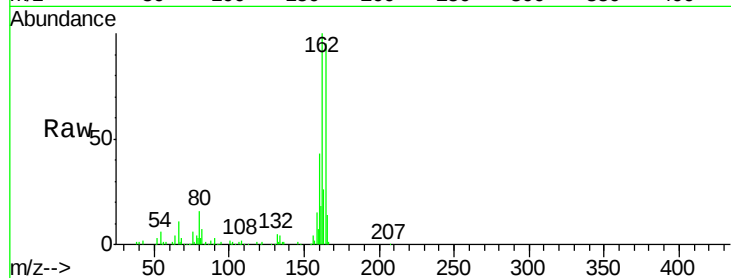
Tgt Ion:164 Resp: 91074

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

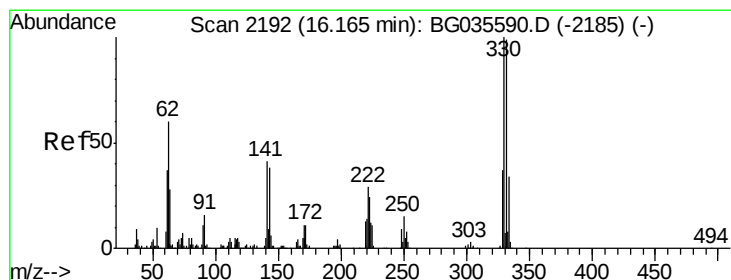
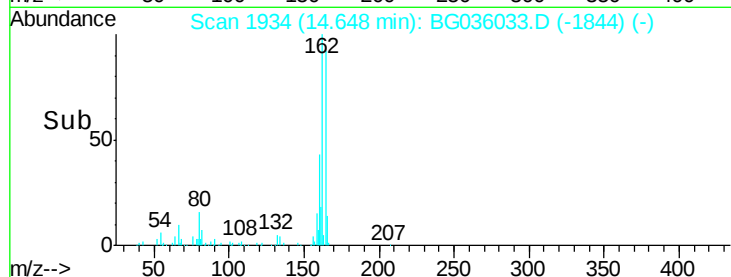
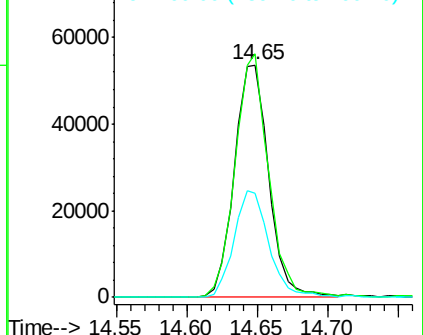
160 44.6 35.4 53.0



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: 100.751 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

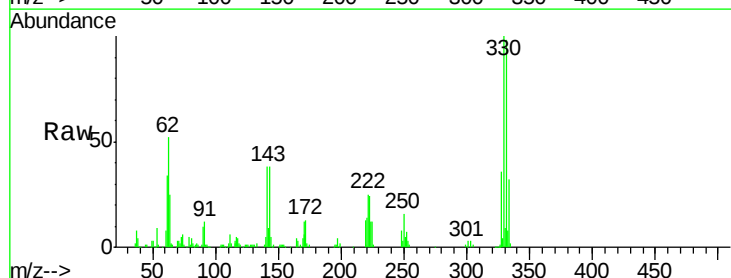
Tgt Ion:330 Resp: 120943

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

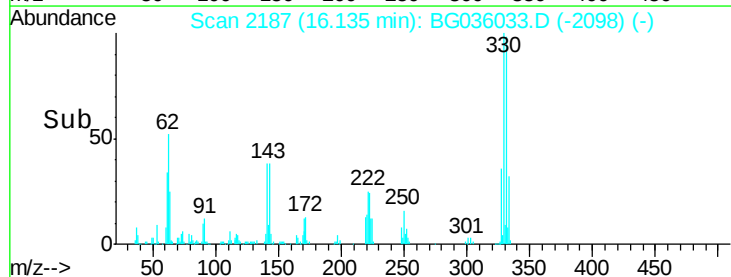
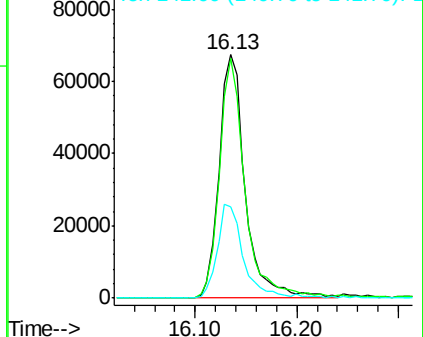
141 38.8 25.2 37.8#

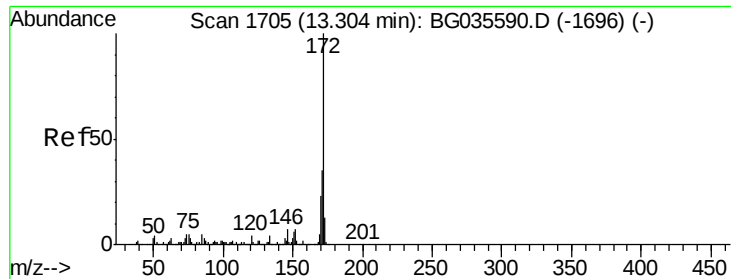


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 58.594 ng

RT: 13.27 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

Instrument :

BNA_G

ClientSampleId :

RVB-3

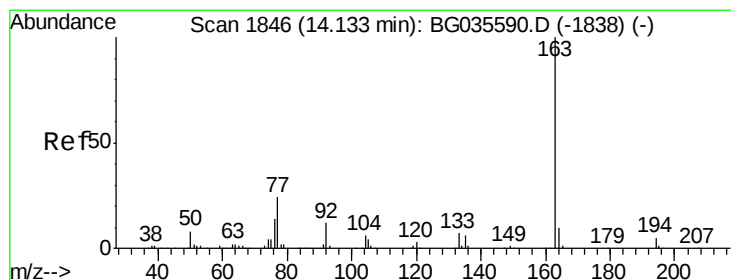
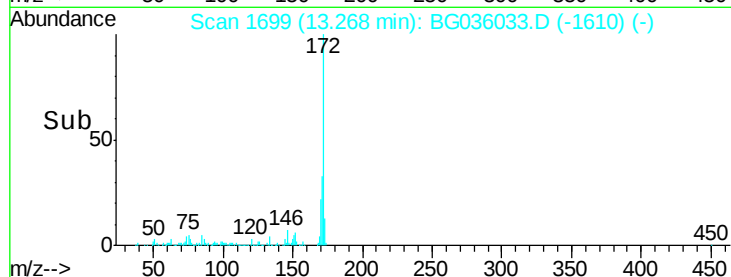
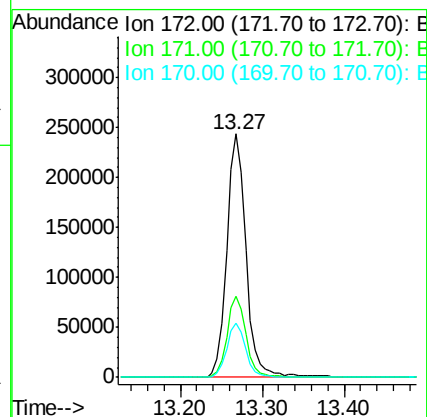
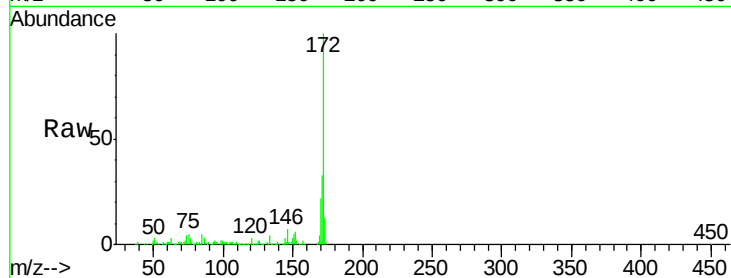
Tgt Ion:172 Resp: 398314

Ion Ratio Lower Upper

172 100

171 33.4 30.0 45.0

170 22.0 19.5 29.3



#49

Dimethylphthalate

Concen: 10.290 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

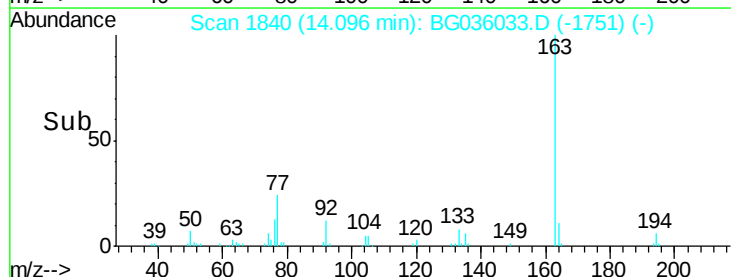
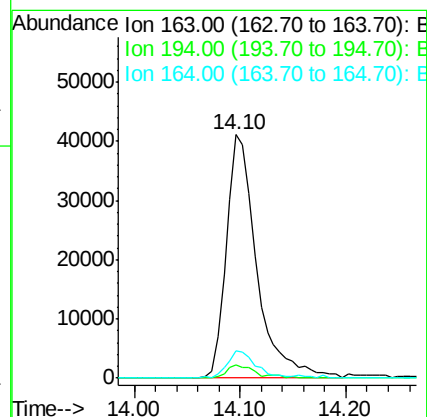
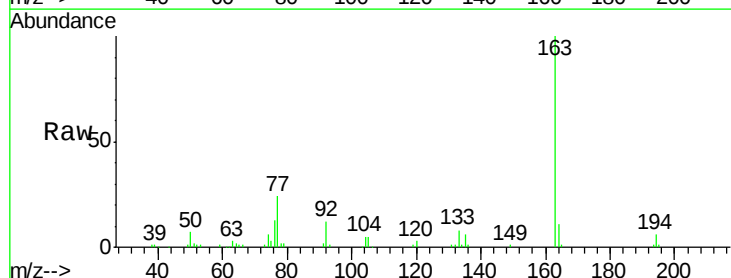
Tgt Ion:163 Resp: 82105

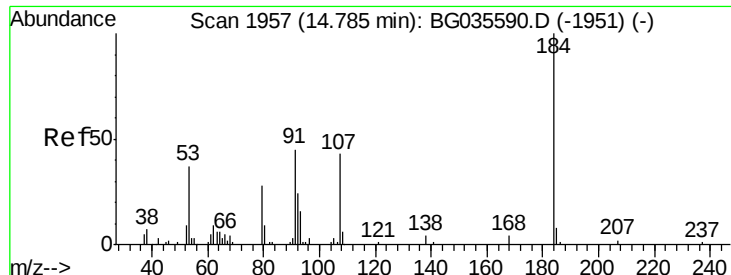
Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

164 11.0 8.2 12.4

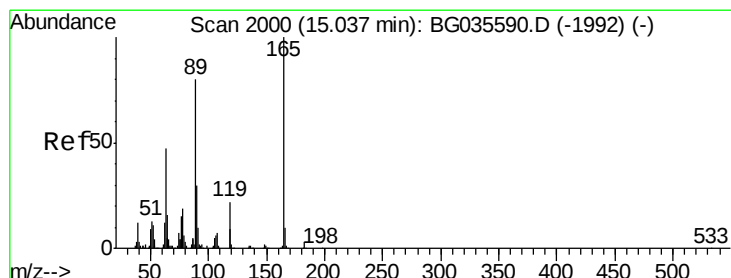
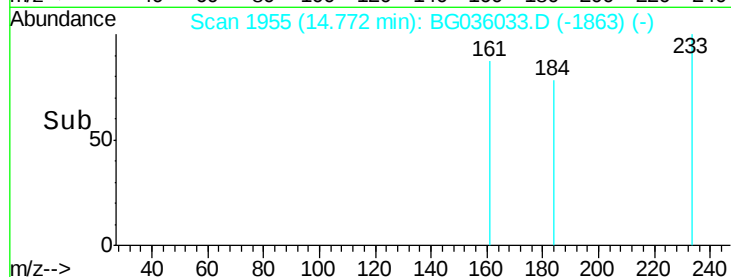
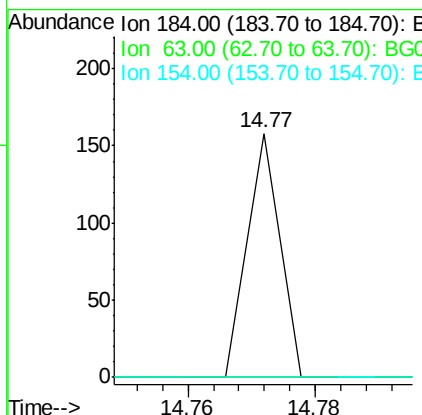
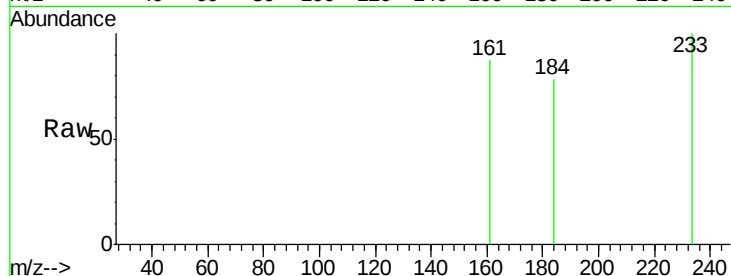




#53
 2,4-Dinitrophenol
 Concen: 6.644 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. 0.01 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

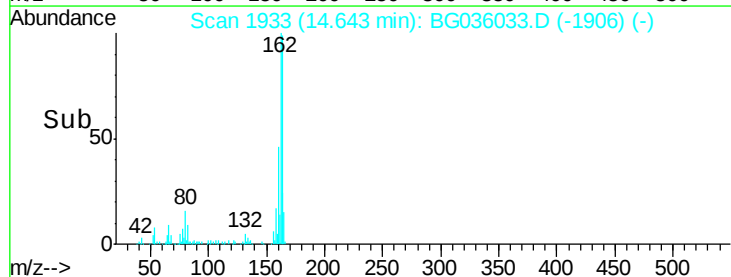
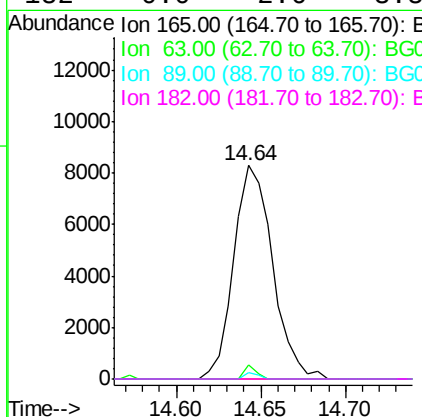
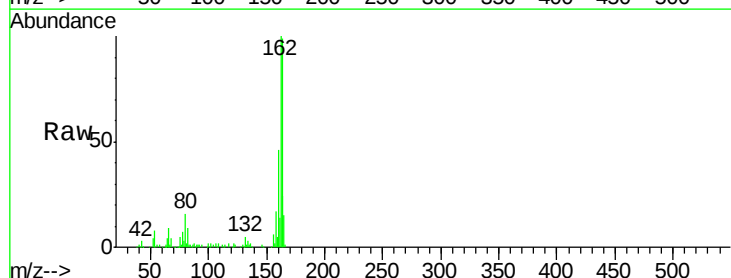
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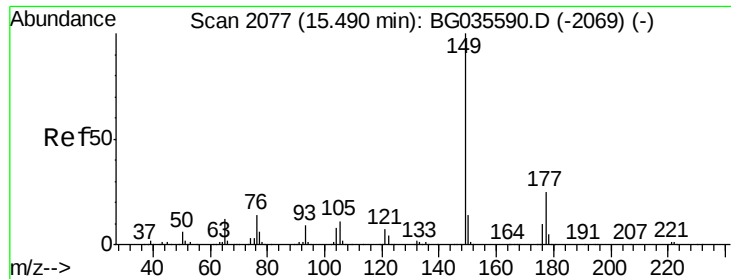
Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.705 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

Tgt Ion:165 Resp: 13299
 Ion Ratio Lower Upper
 165 100
 63 6.4 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#

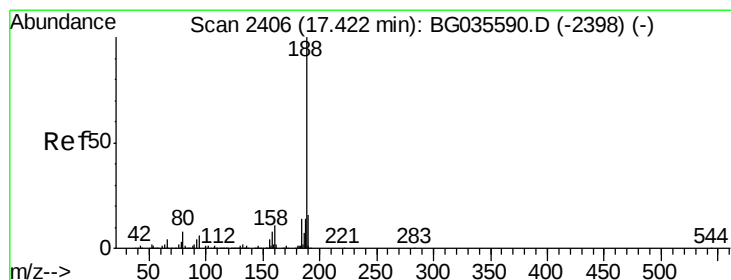
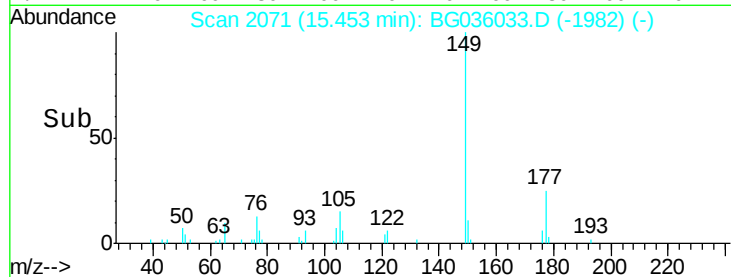
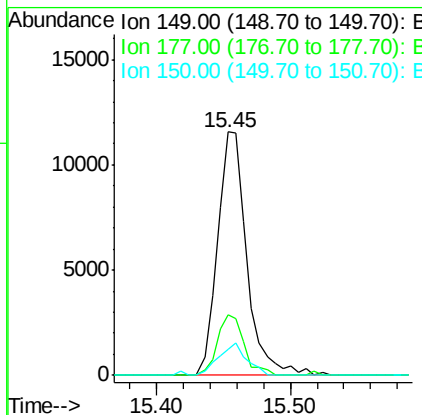
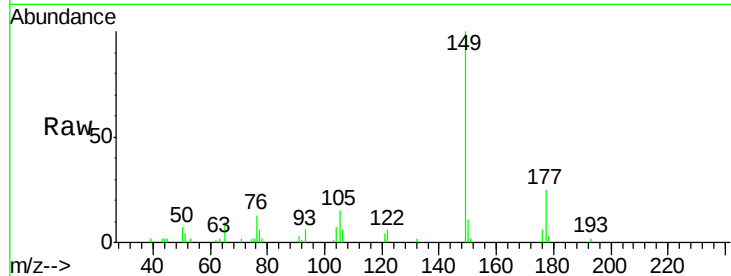




#59
Diethylphthalate
Concen: 2.174 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

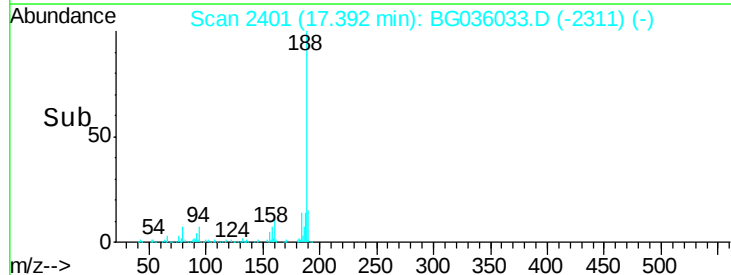
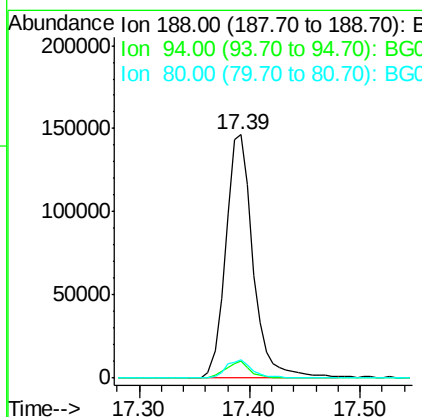
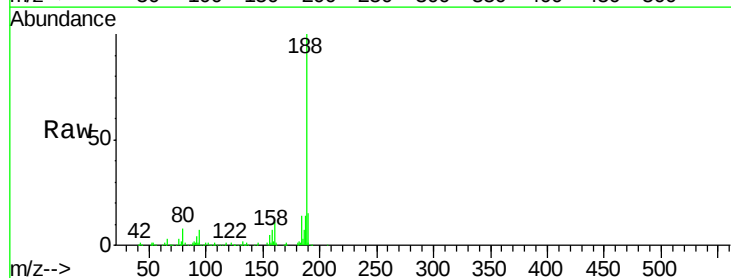
Instrument :
BNA_G
ClientSampleId :
RVB-3

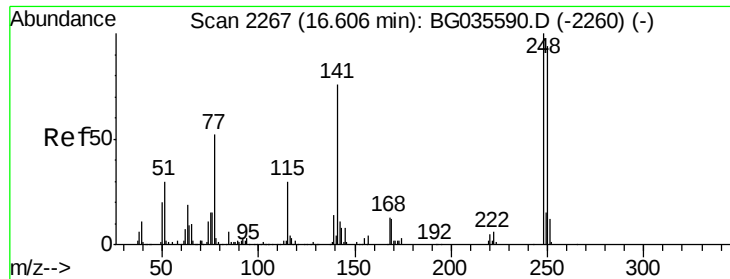
Tgt Ion:149 Resp: 17837
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 10.6 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

Tgt Ion:188 Resp: 254171
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.6 7.7 11.5#

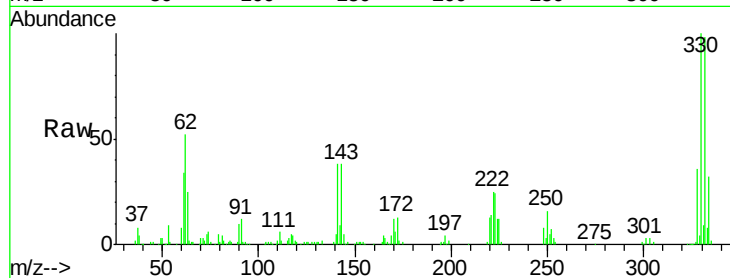




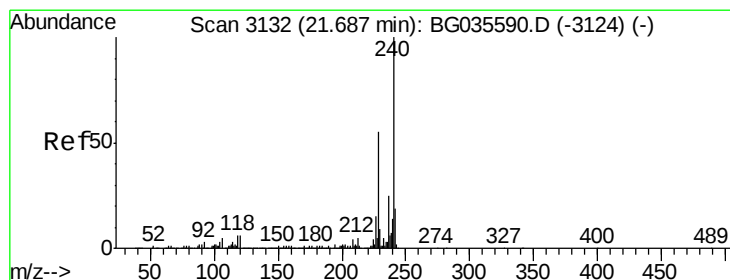
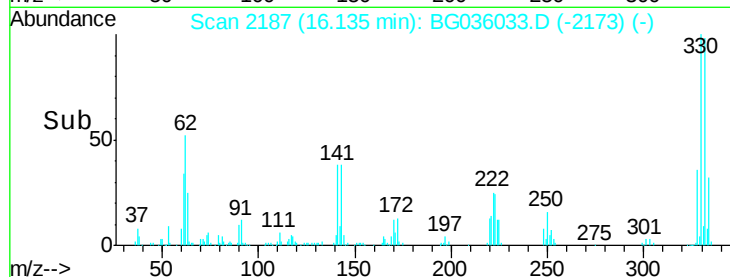
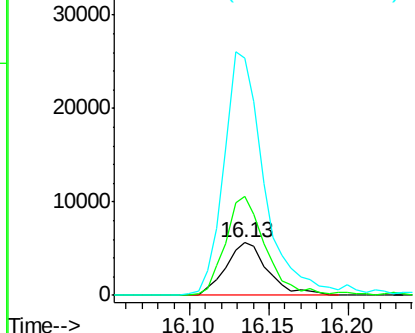
#66
 4-Bromophenyl-phenylether
 Concen: 3.481 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :
 RVB-3

Tgt Ion:248 Resp: 10264
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.1 115.7#
 141 452.5 50.8 76.2#

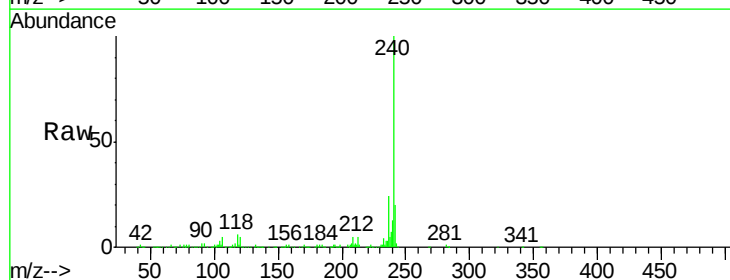


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

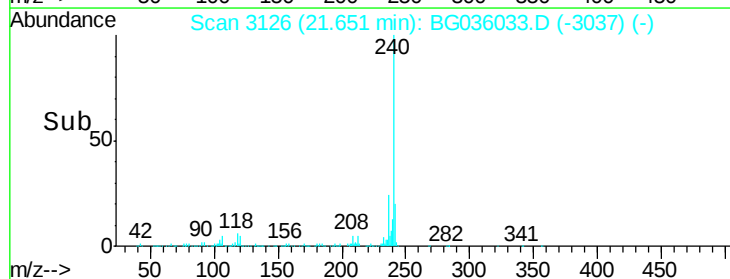
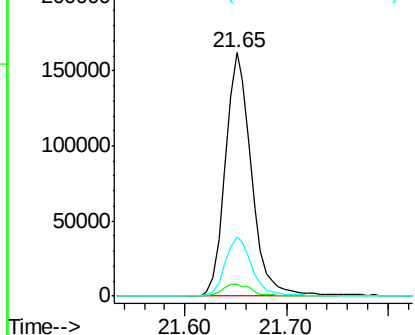


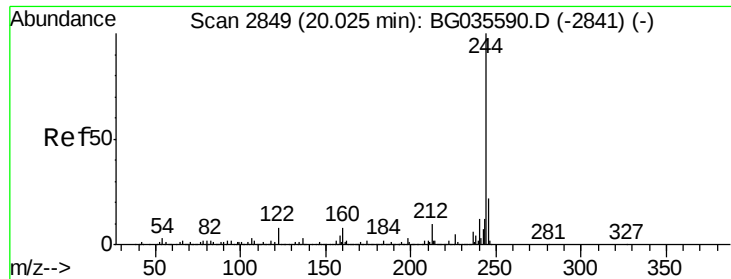
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

Tgt Ion:240 Resp: 288685
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 24.5 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: 58.379 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

Instrument :

BNA_G

ClientSampleId :

RVB-3

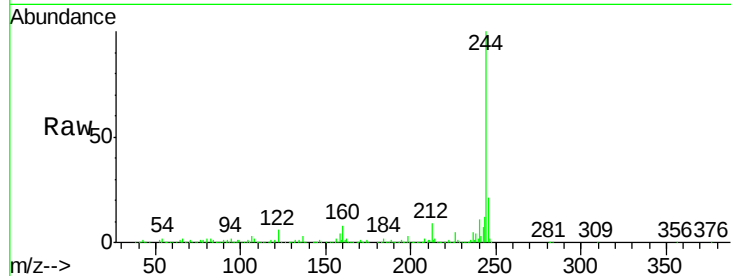
Tgt Ion:244 Resp: 764555

Ion Ratio Lower Upper

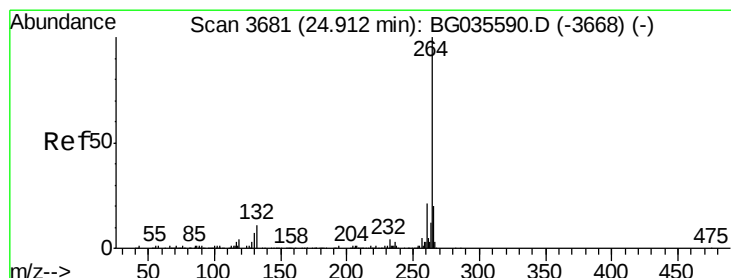
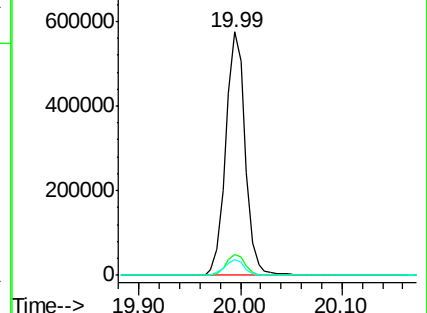
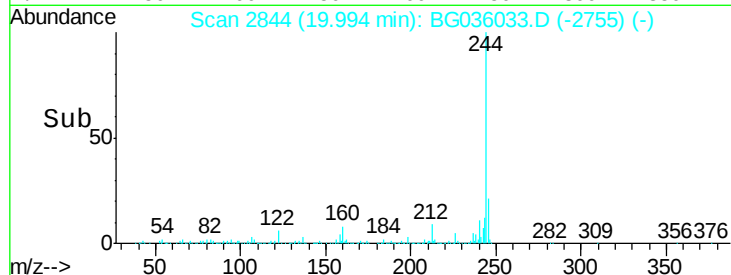
244 100

212 8.7 5.8 8.8

122 6.4 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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036033.D

Acq: 1 Aug 2018 14:38

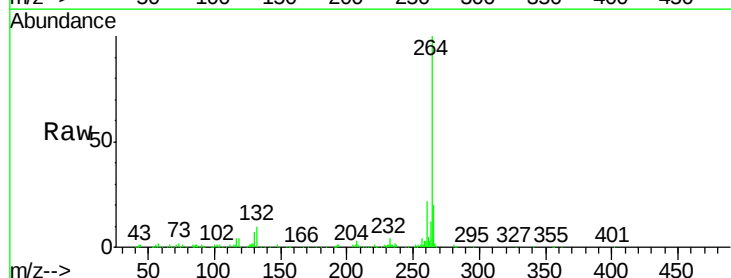
Tgt Ion:264 Resp: 268406

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 19.5 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

