

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 16:41:36 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

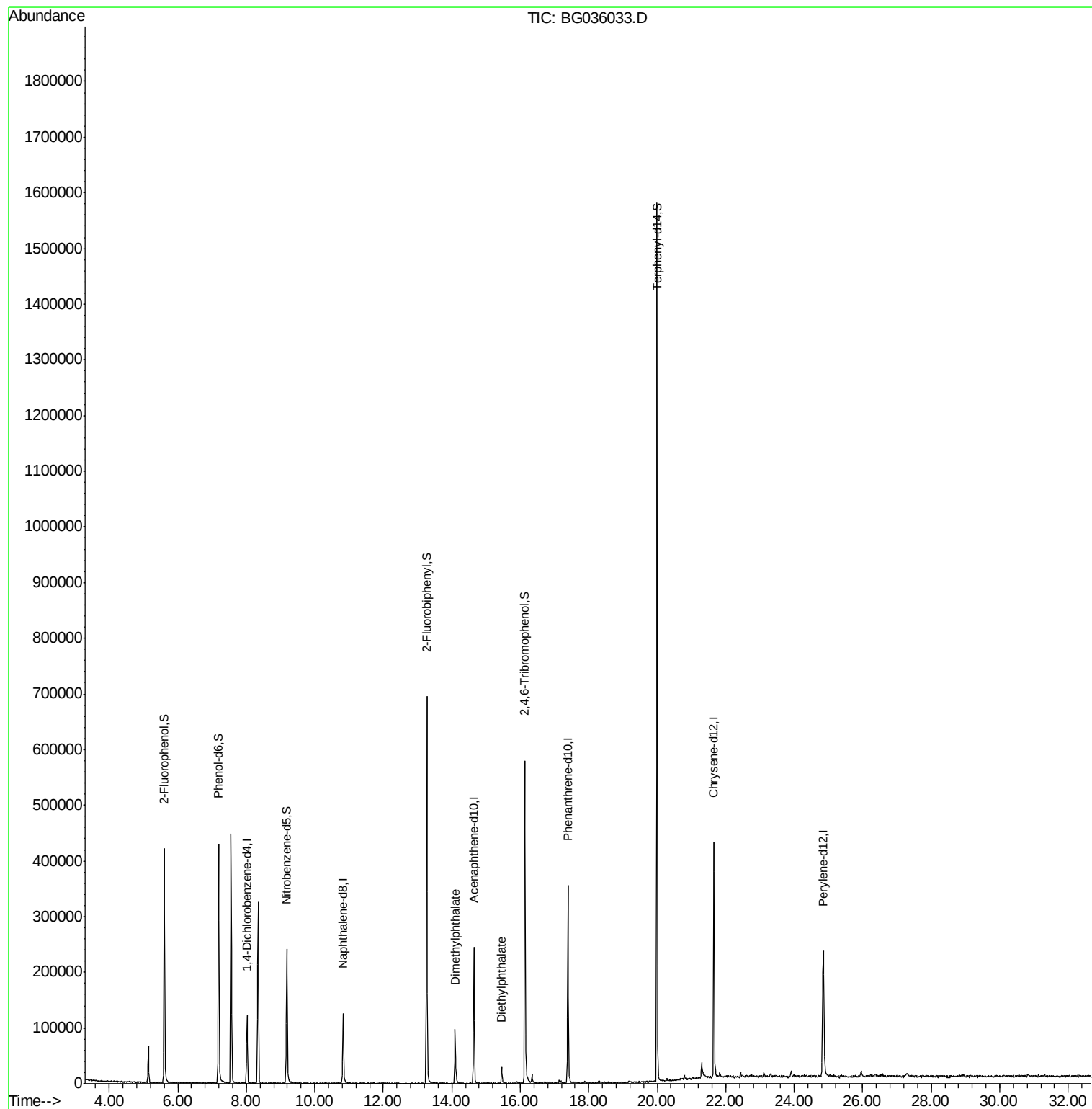
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33507	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124783	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	91074	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	254171	20.00	ng	0.00
75) Chrysene-d12	21.65	240	288685	20.00	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						
49) Dimethylphthalate	14.10	163	82105	10.290	ng	Qvalue # 97
59) Diethylphthalate	15.45	149	17837	2.174	ng	95

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

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#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

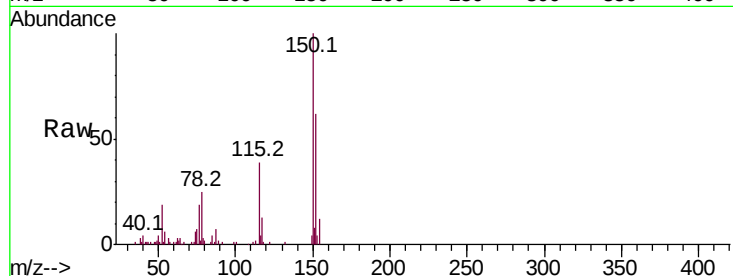
Tot Ion:152 Resp: 33507

Ion Ratio Lower Upper

152 100

150 161.2 126.6 189.8

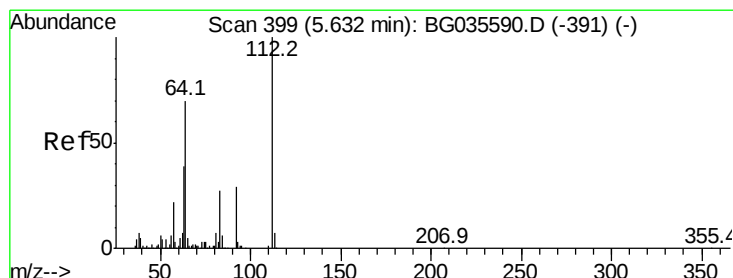
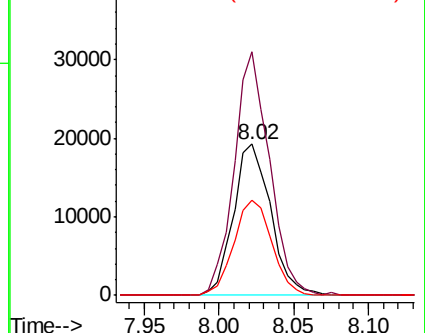
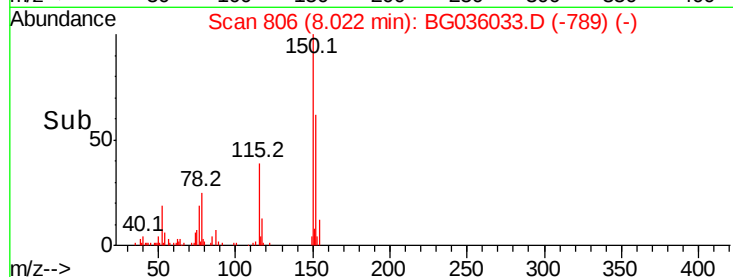
115 63.0 53.0 79.4



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: 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

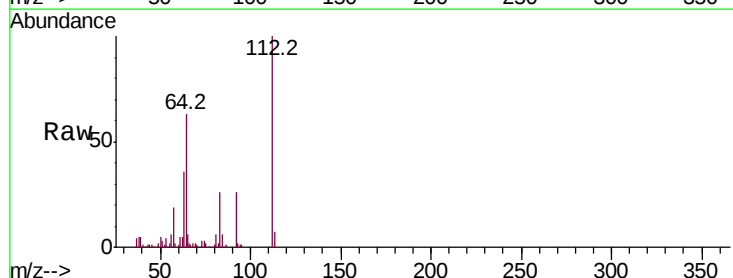
Tgt Ion:112 Resp: 194662

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

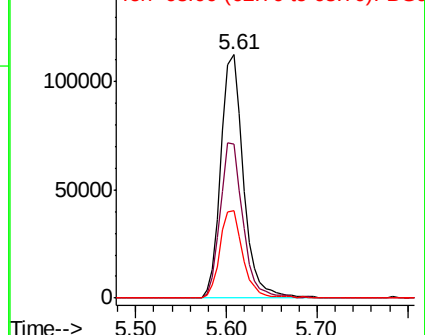
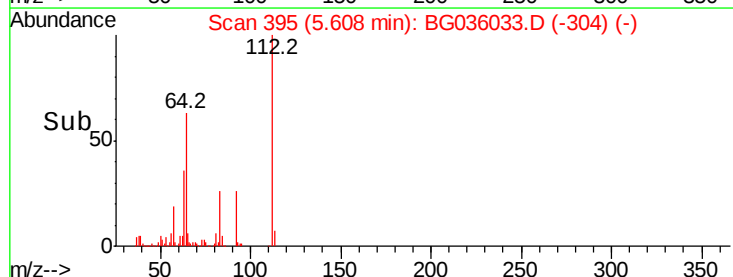
63 35.9 30.1 45.1



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: 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

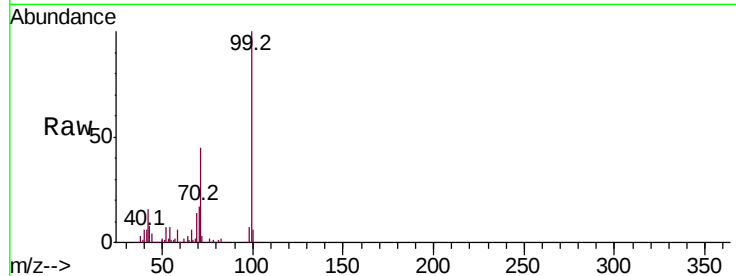
Tot Ion: 99 Resp: 276984

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

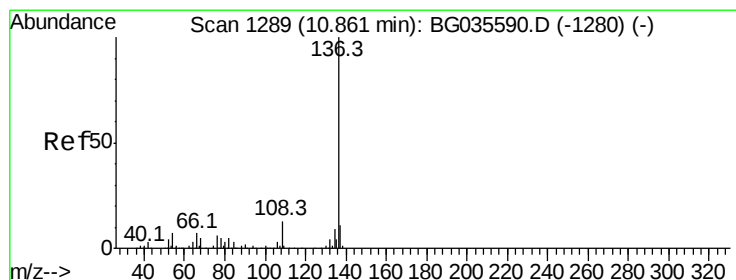
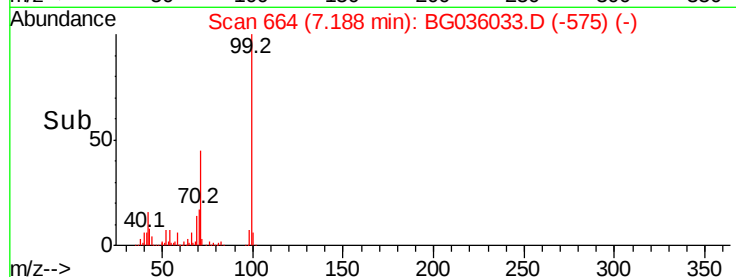
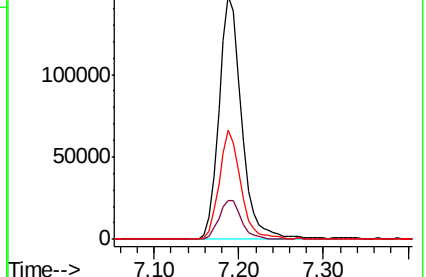
71 45.0 26.1 39.1#



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



#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

Tgt Ion: 136 Resp: 124783

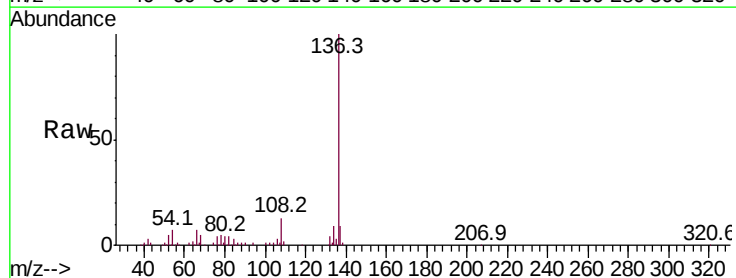
Ion Ratio Lower Upper

136 100

137 9.0 9.2 13.8#

54 7.4 10.3 15.5#

68 4.8 4.5 6.7

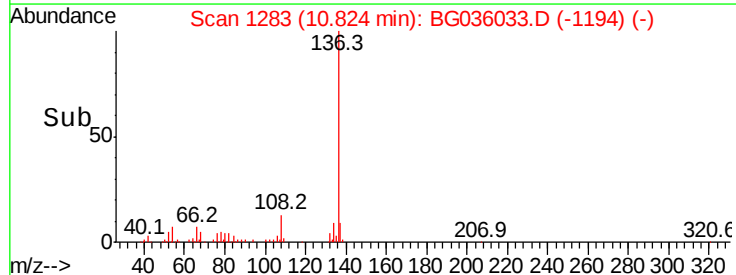
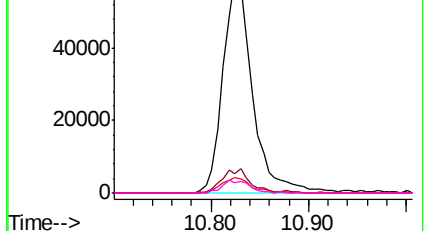


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

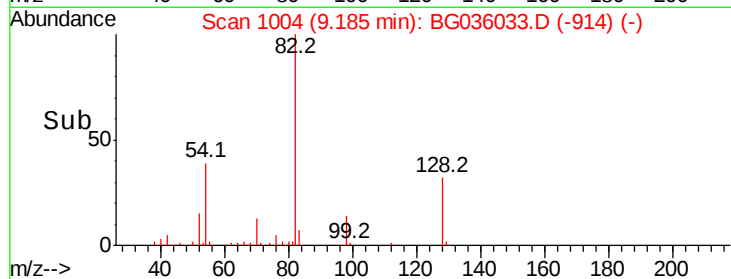
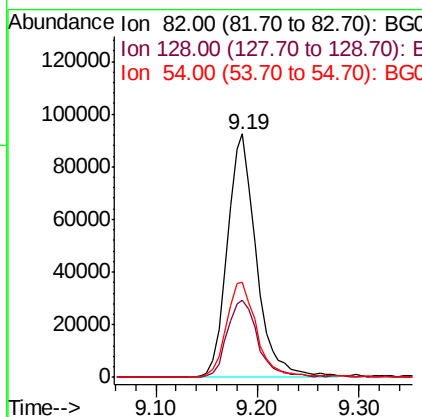
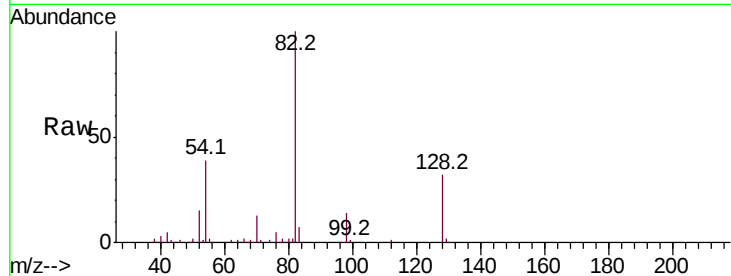




#23
 Nitrobenzene-d5
 Concen: 61.296 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

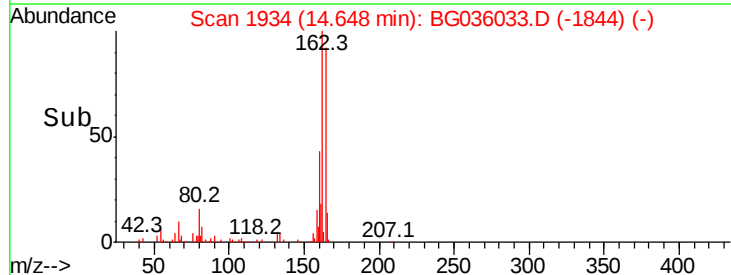
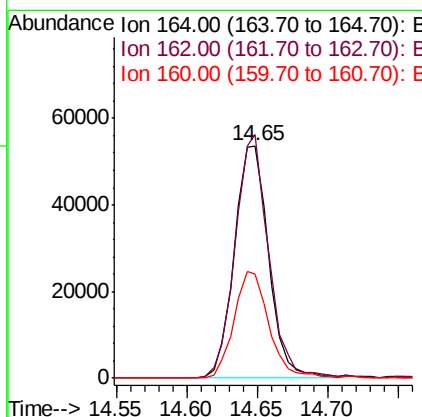
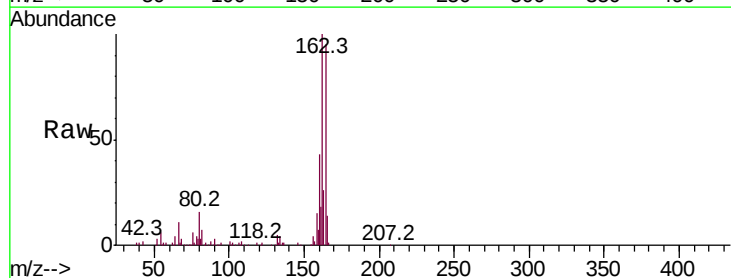
Instrument :
 BNA_G
 ClientSampleId :
 RVB-3

Tot Ion	82	Resp	183095
Ion Ratio	100	Lower	Upper
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

Tgt Ion	164	Resp	91074
Ion Ratio	100	Lower	Upper
162	104.8	78.8	118.2
160	44.6	35.4	53.0

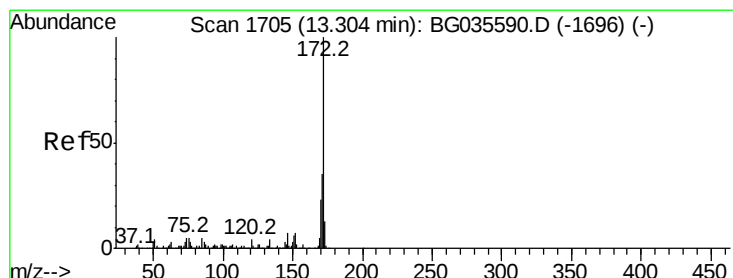
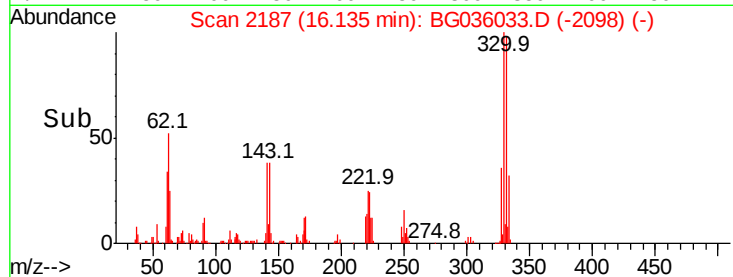
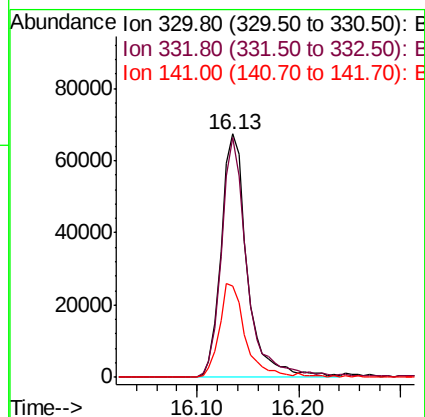
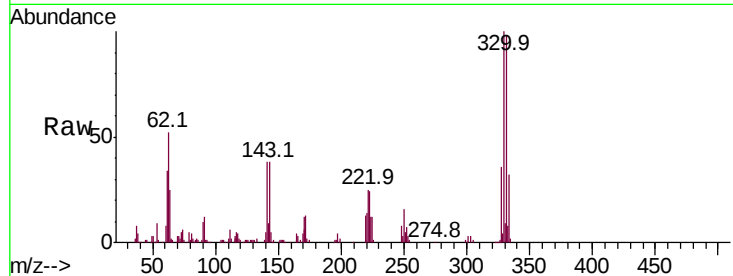




#41
 2,4,6-Tribromophenol
 Concen: 100.751 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036033.D
 Acq: 1 Aug 2018 14:38

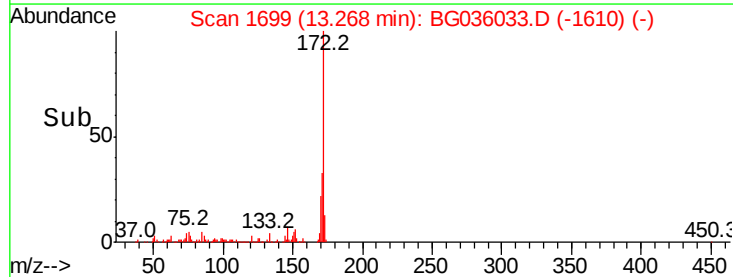
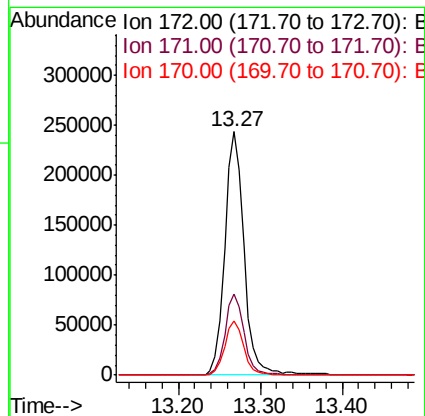
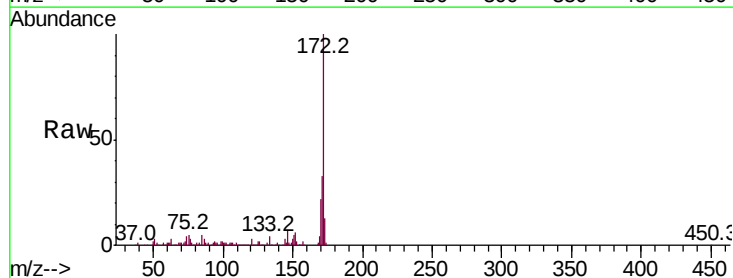
Instrument :
 BNA_G
 ClientSampleId :
 RVB-3

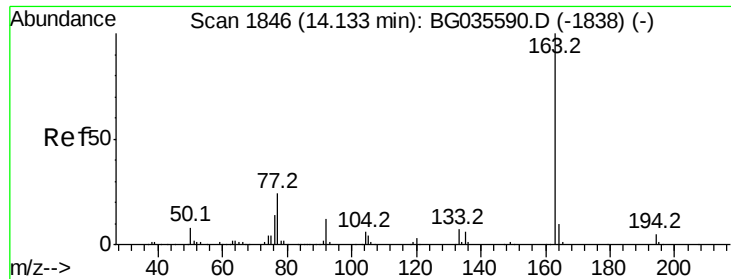
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.8	25.2	37.8#



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.0	19.5	29.3

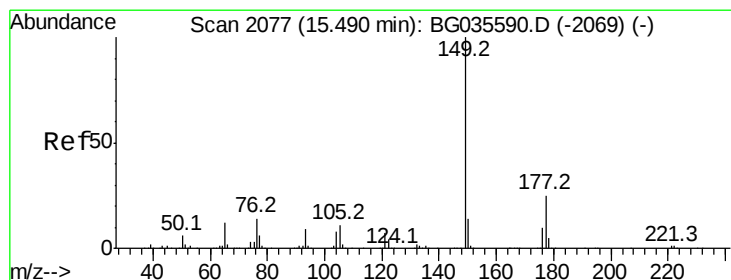
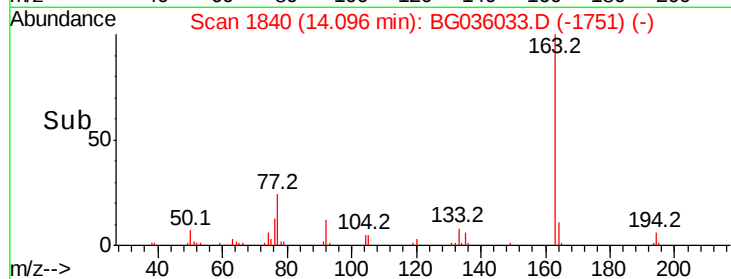
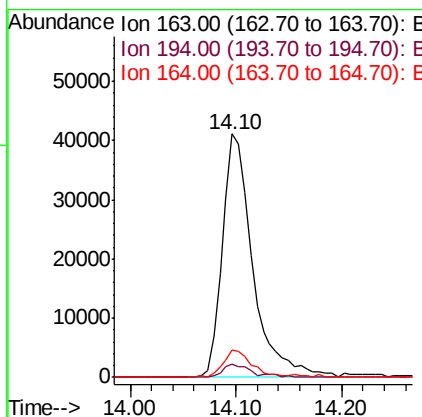
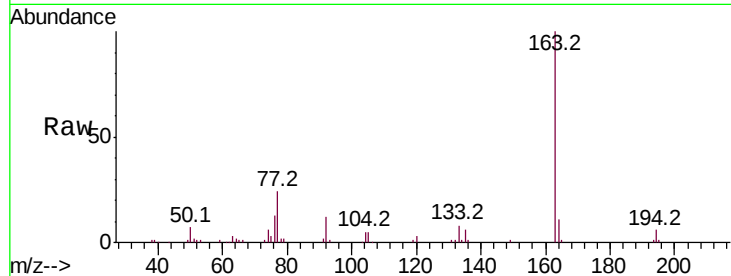




#49
Dimethylphthalate
Concen: 10.290 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

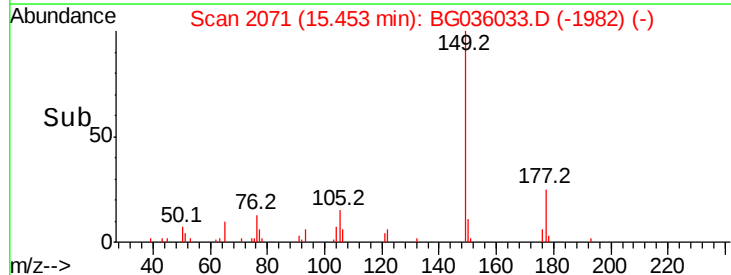
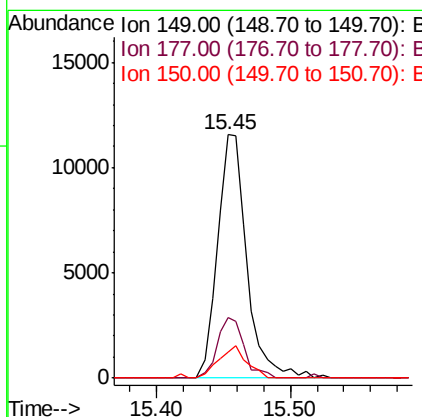
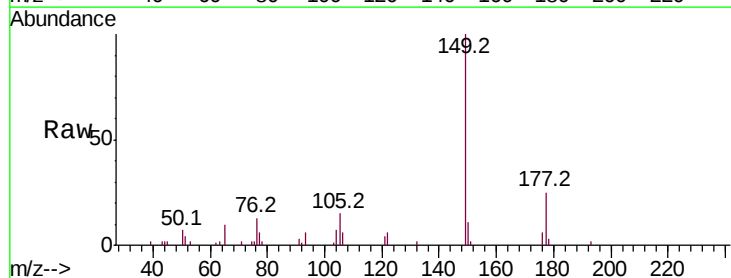
Instrument :
BNA_G
ClientSampled :
RVB-3

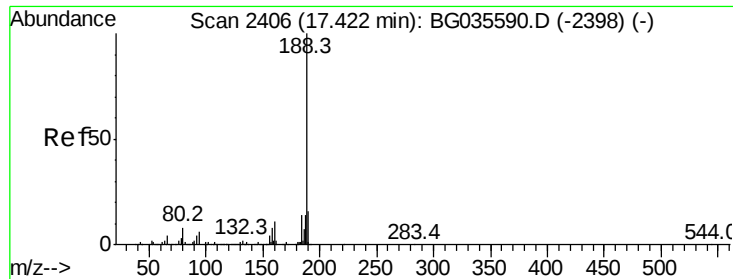
Tot Ion:163 Resp: 82105
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 11.0 8.2 12.4



#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

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

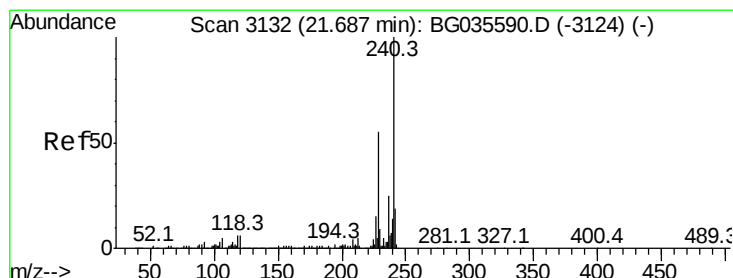
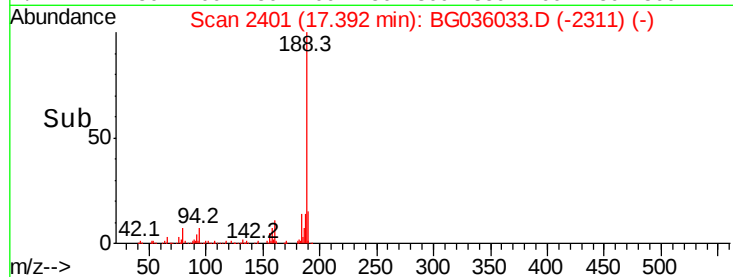
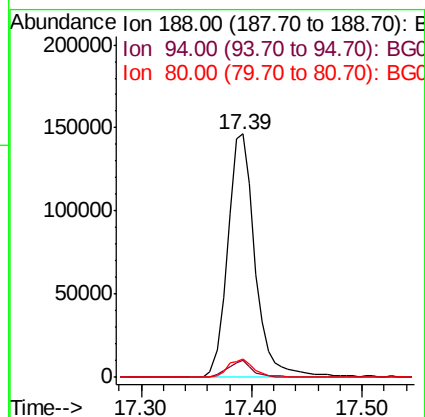
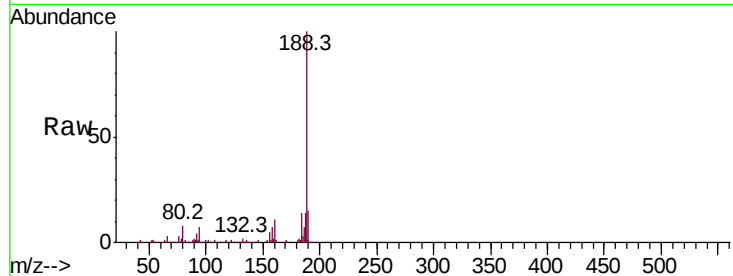




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036033.D
Acq: 1 Aug 2018 14:38

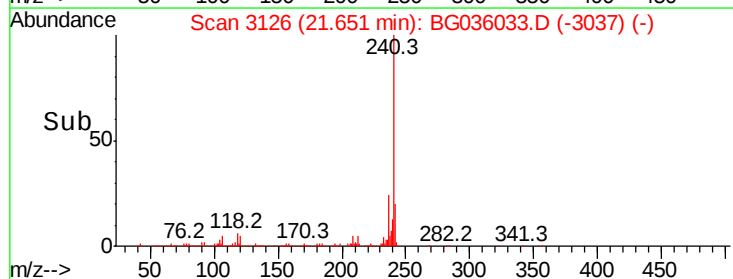
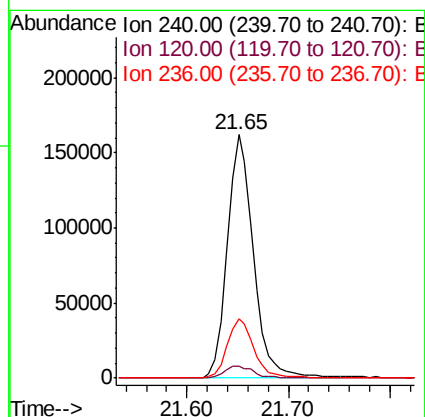
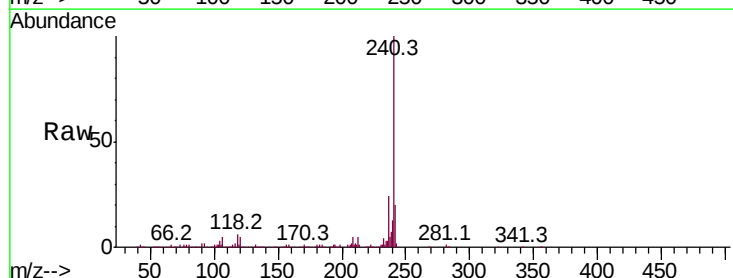
Instrument :
BNA_G
ClientSampleId :
RVB-3

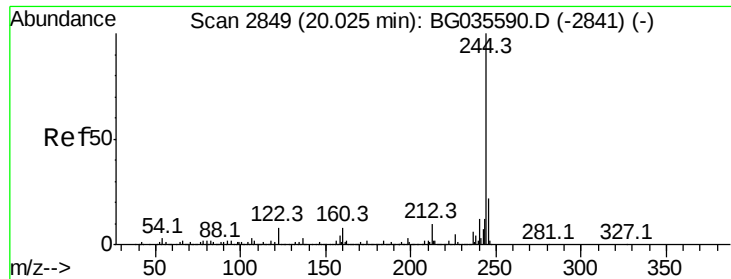
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.6	7.7	11.5#



#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	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	24.5	20.9	31.3





#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

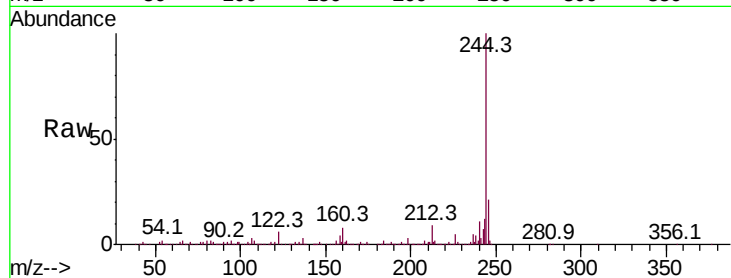
Tot Ion:244 Resp: 764555

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

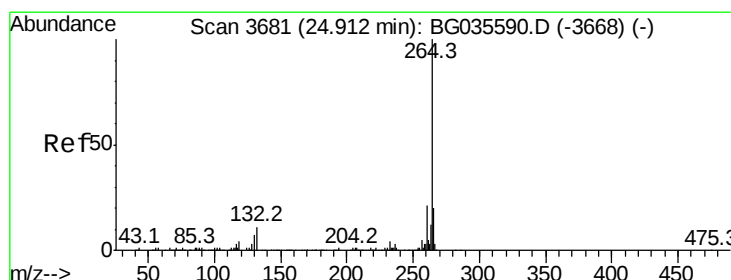
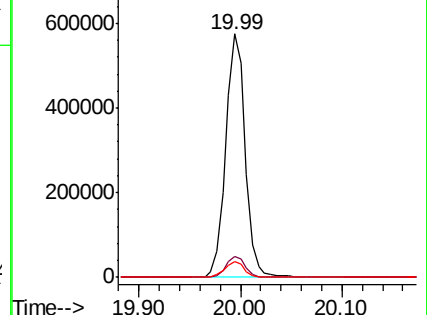
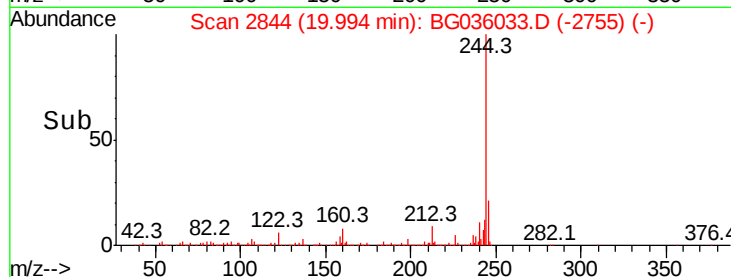
122 6.4 7.0 10.4#



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

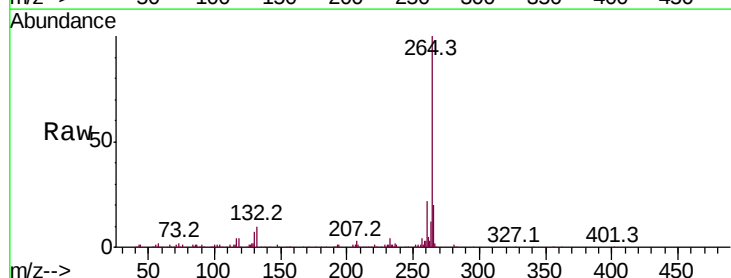
Tgt Ion:264 Resp: 268406

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

