

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038856.D
 Acq On : 27 Dec 2018 23:12
 Operator : JU/SJ
 Sample : J6575-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-122618-A

Quant Time: Dec 28 11:28:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

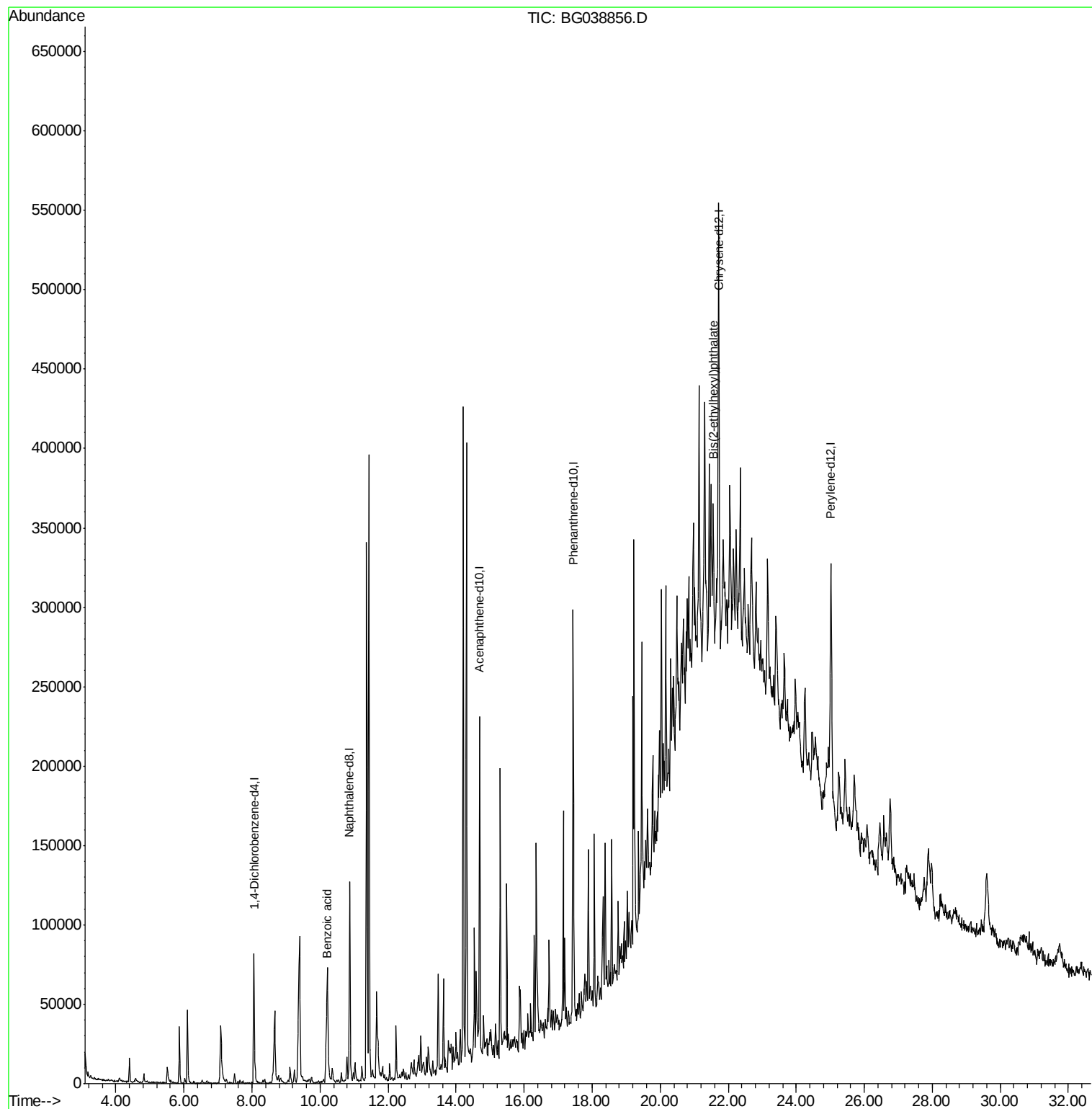
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24704	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	110530	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73897	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163565	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164910	20.00	ng	0.00
87) Perylene-d12	25.02	264	181231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	530	0.38	ng	0.00
7) Phenol-d6	7.22	99	457	0.24	ng	0.01
23) Nitrobenzene-d5	9.23	82	1155	0.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	406	0.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	4685	0.87	ng	0.00
79) Terphenyl-d14	20.04	244	6930	0.91	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	10142	18.004	ng	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	19970	3.308	ng	92

(#) = 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# 846

Delta R.T. -0.00 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Instrument :

BNA_G

ClientSampleId :

SS-122618-A

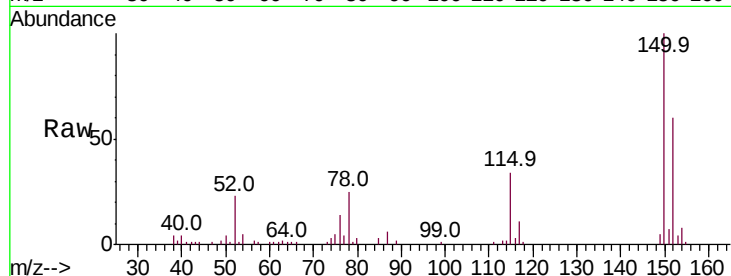
Tot Ion:152 Resp: 24704

Ion Ratio Lower Upper

152 100

150 166.1 119.5 179.3

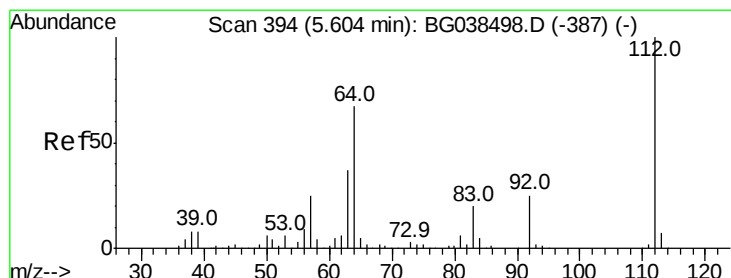
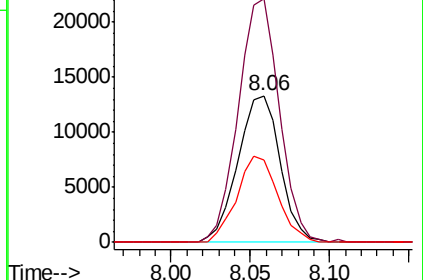
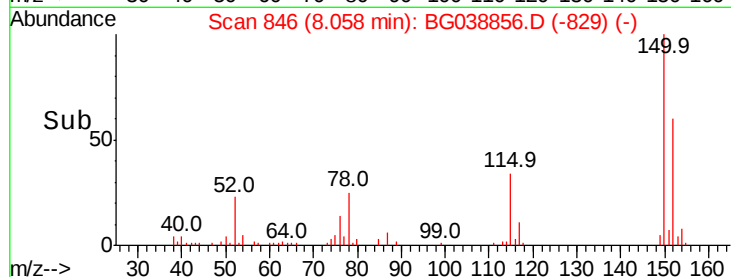
115 56.6 49.6 74.4



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: 0.381 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

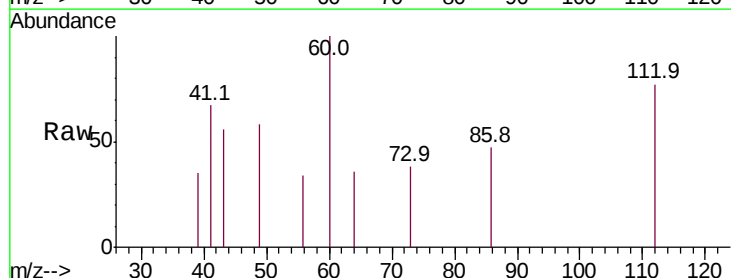
Tgt Ion:112 Resp: 530

Ion Ratio Lower Upper

112 100

64 47.4 53.4 80.2#

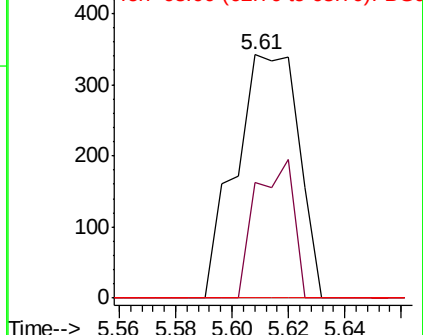
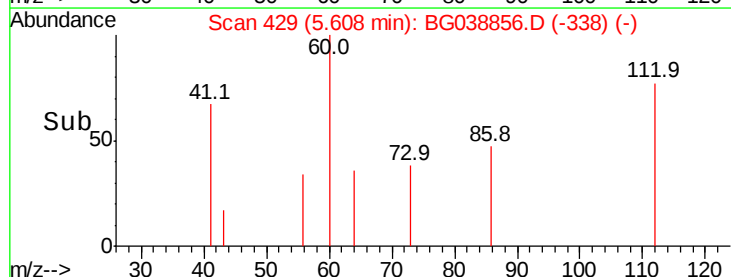
63 0.0 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.239 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Instrument :

BNA_G

ClientSampleId :

SS-122618-A

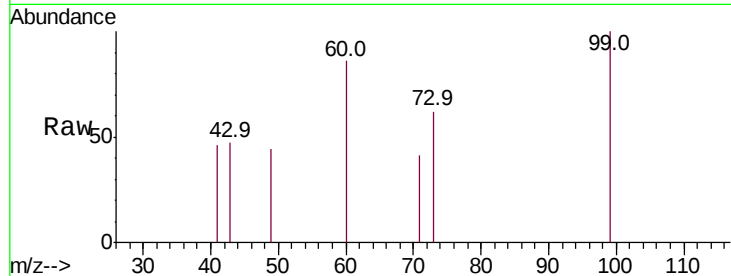
Tot Ion: 99 Resp: 457

Ion Ratio Lower Upper

99 100

42 0.0 18.5 27.7#

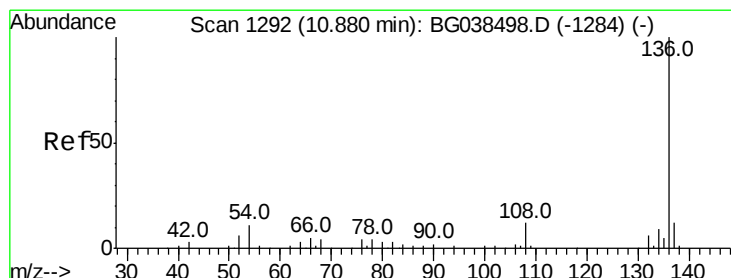
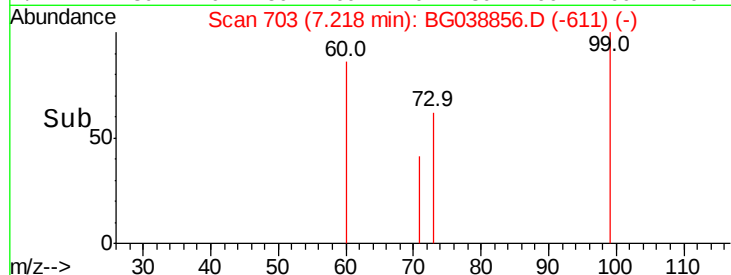
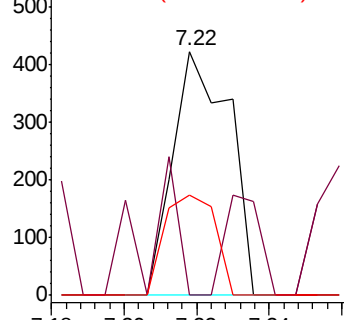
71 41.1 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Tgt Ion:136 Resp: 110530

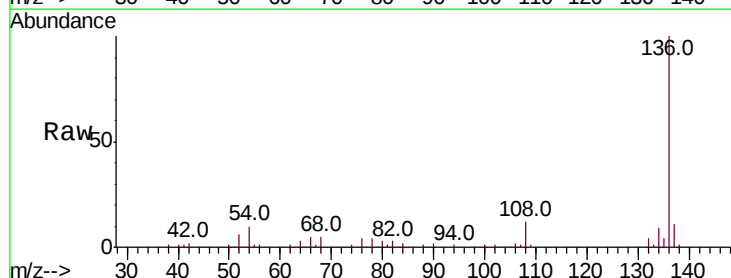
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 9.9 8.5 12.7

68 4.5 3.5 5.3

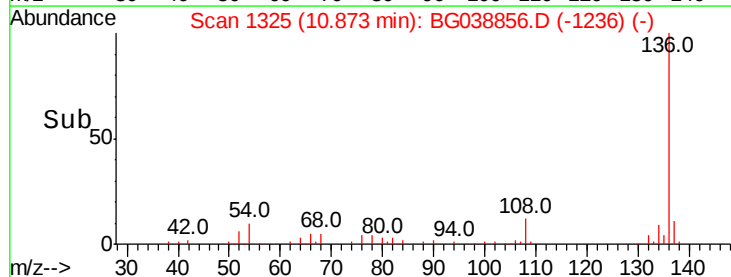
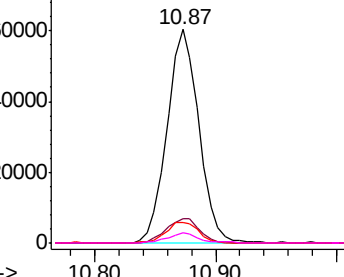


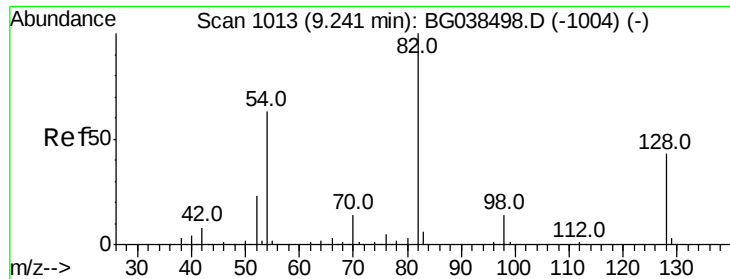
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.534 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Instrument :

BNA_G

ClientSampleId :

SS-122618-A

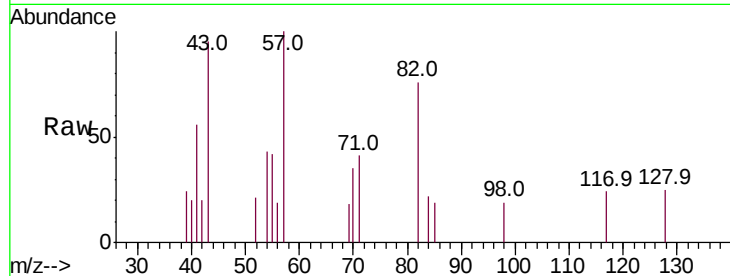
Tot Ion: 82 Resp: 1155

Ion Ratio Lower Upper

82 100

128 33.6 34.6 52.0#

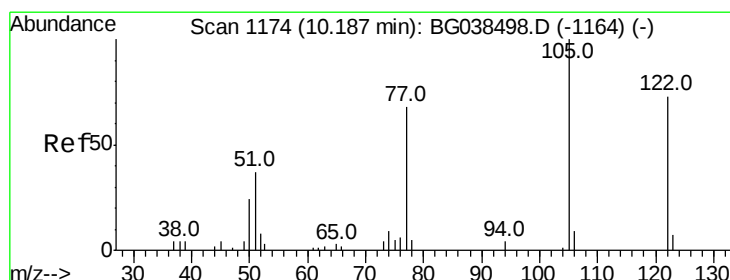
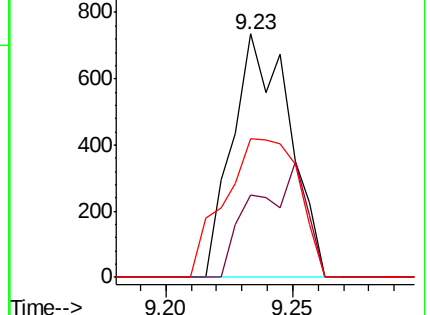
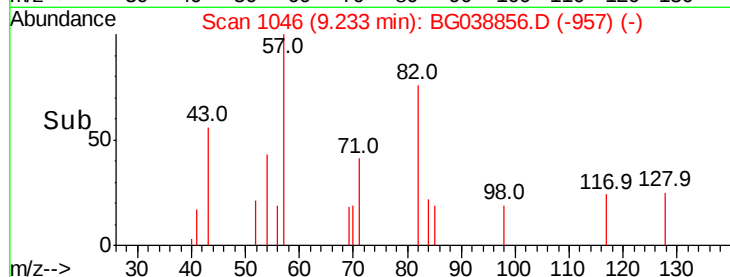
54 56.9 50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 18.004 ng

RT: 10.19 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

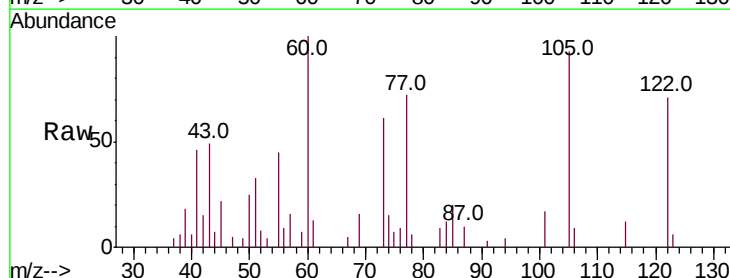
Tgt Ion: 122 Resp: 10142

Ion Ratio Lower Upper

122 100

105 131.1 116.7 156.7

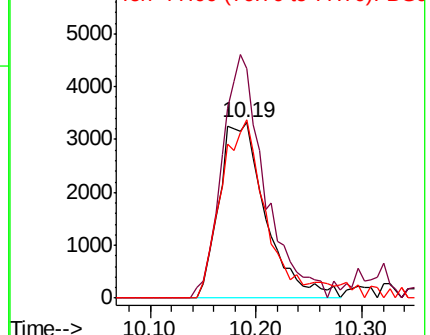
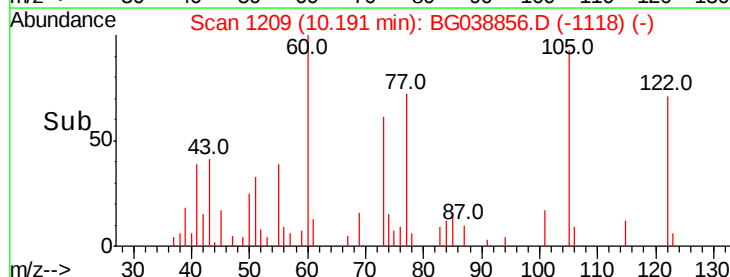
77 101.5 72.5 112.5

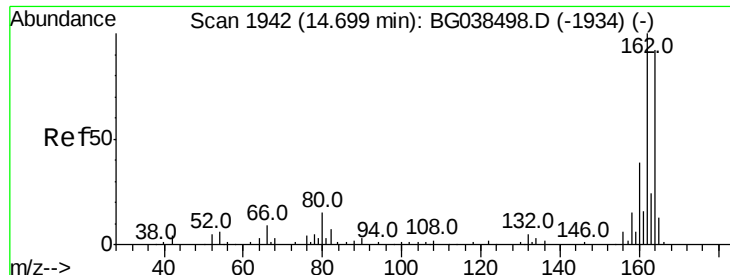


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Instrument :

BNA_G

ClientSampleId :

SS-122618-A

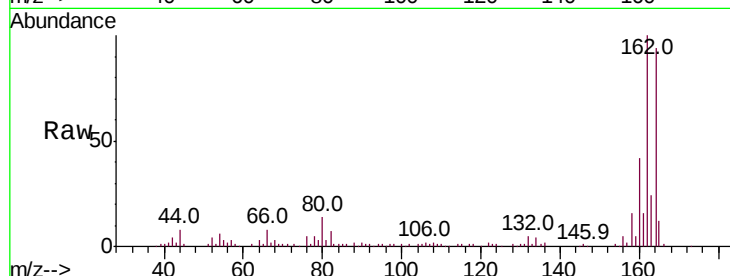
Tot Ion:164 Resp: 73897

Ion Ratio Lower Upper

164 100

162 106.3 86.6 130.0

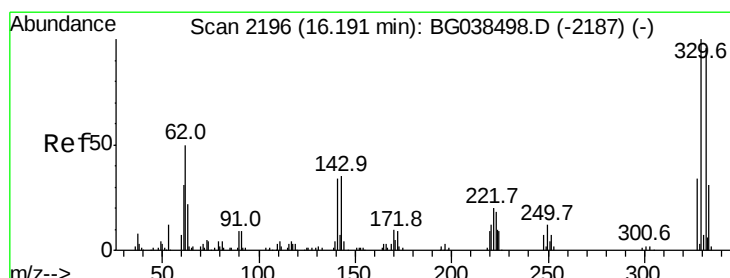
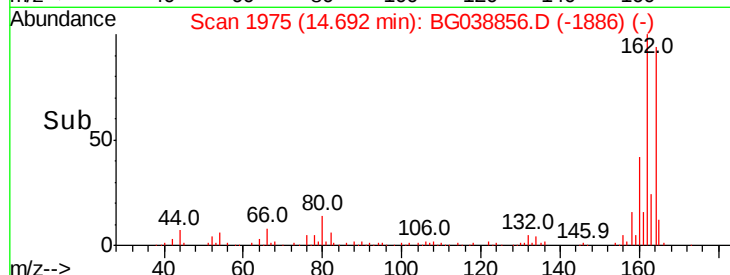
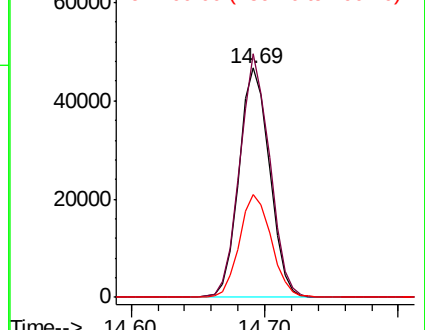
160 44.7 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

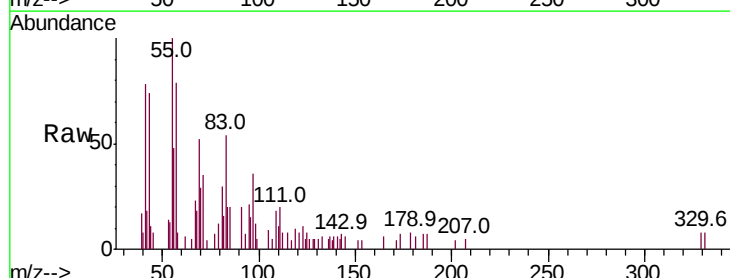
Tgt Ion:330 Resp: 406

Ion Ratio Lower Upper

330 100

332 121.9 76.9 115.3#

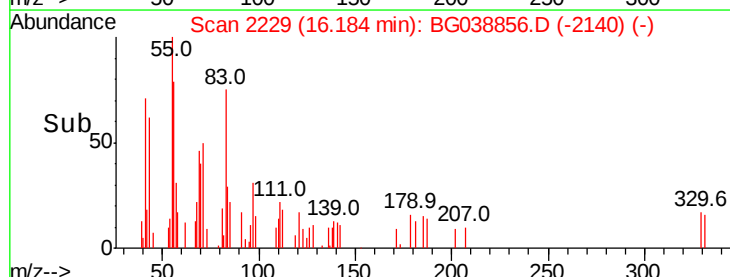
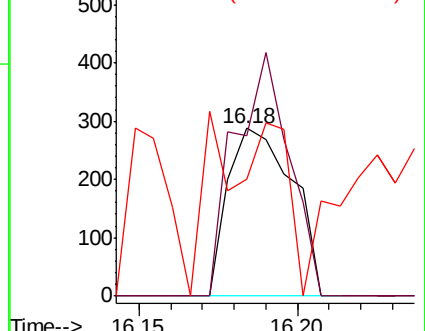
141 111.1 28.8 43.2#



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



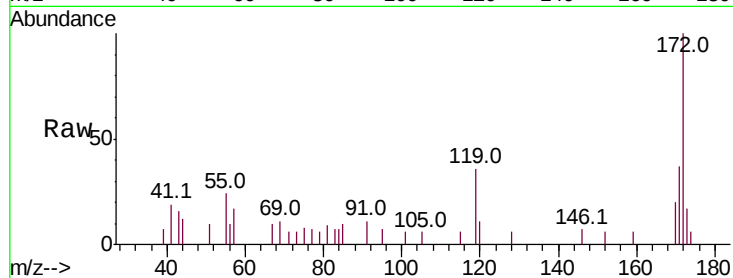


#45
 2-Fluorobiphenyl
 Concen: 0.870 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

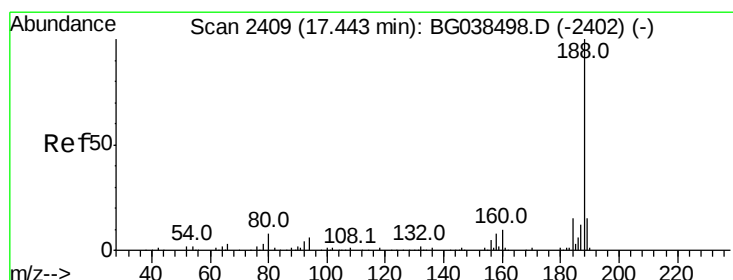
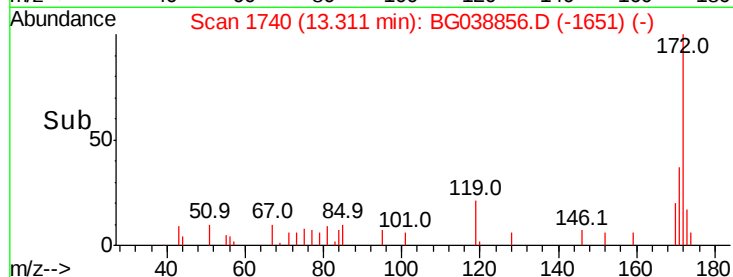
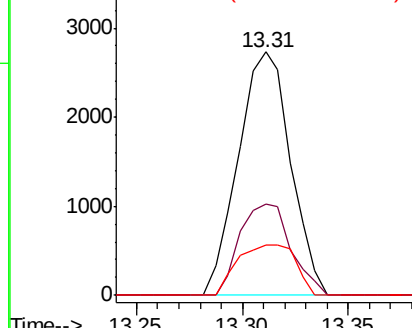
Instrument :
 BNA_G
 ClientSampleId :
 SS-122618-A

Tot Ion:172 Resp: 4685

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	20.5	19.5	29.3



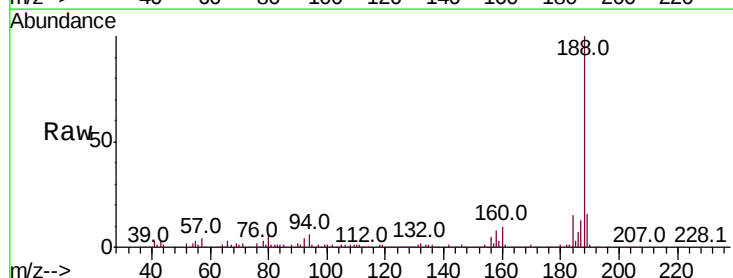
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



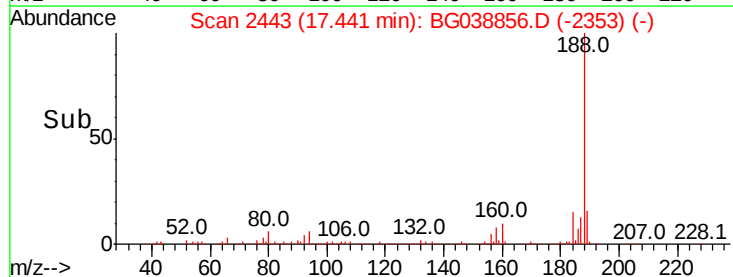
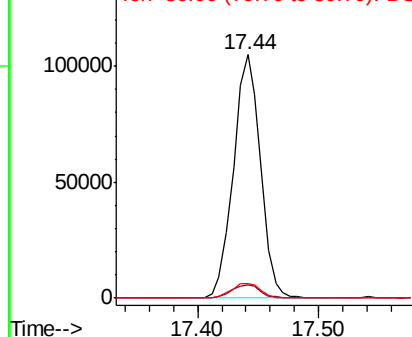
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

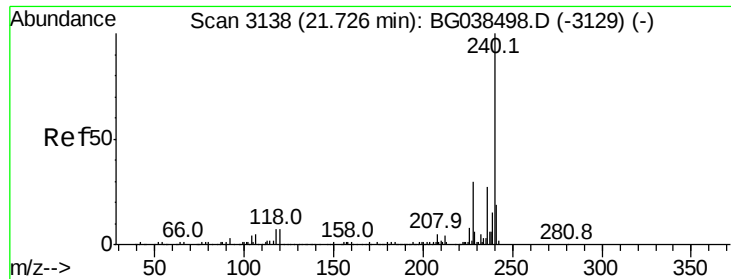
Tgt Ion:188 Resp: 163565

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.1	7.7
80	5.7	6.1	9.1#



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

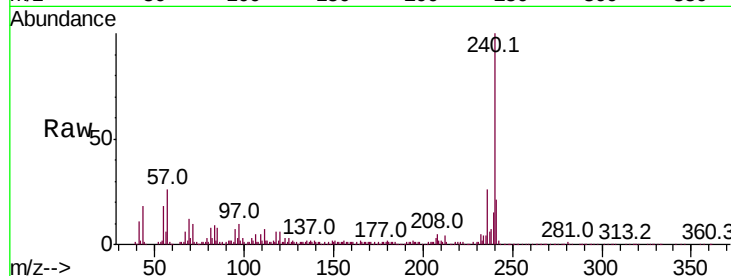




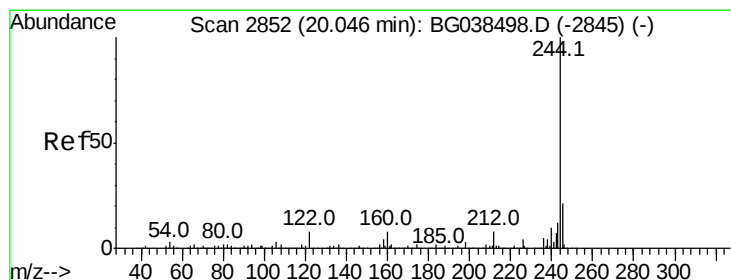
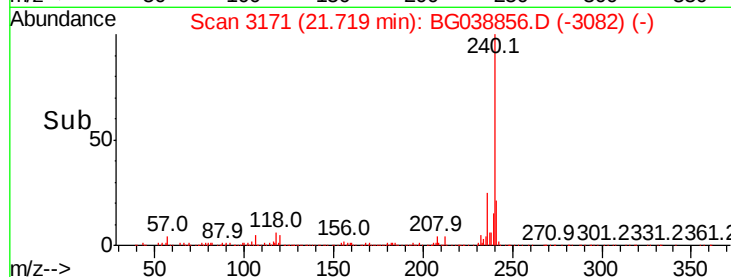
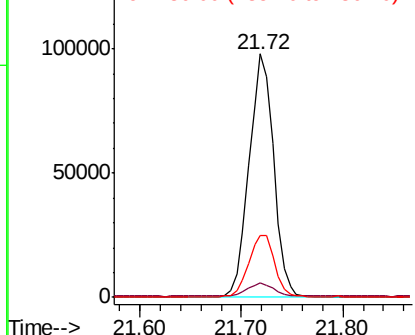
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Instrument :
 BNA_G
 ClientSampleID :
 SS-122618-A

Tot Ion:240 Resp: 164910
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 25.6 21.4 32.2

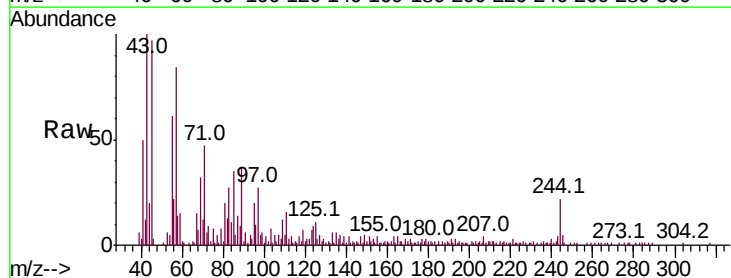


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

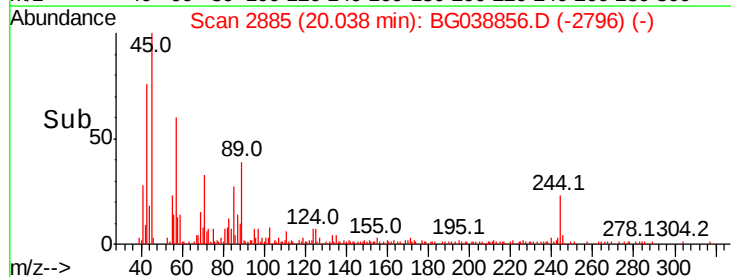
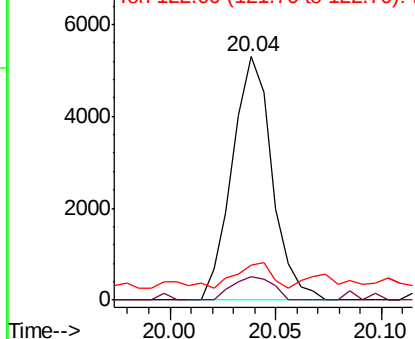


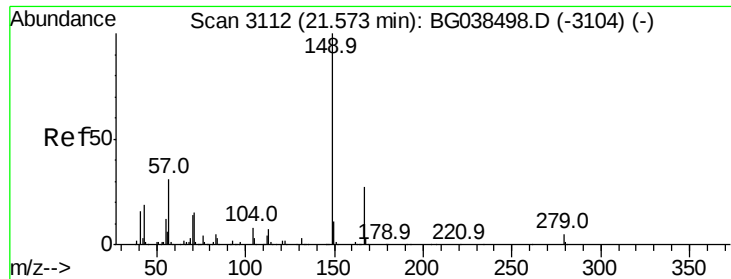
#79
 Terphenyl-d14
 Concen: 0.915 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Tgt Ion:244 Resp: 6930
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.2 9.2#
 122 14.3 6.3 9.5#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.308 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

Instrument :

BNA_G

ClientSampleId :

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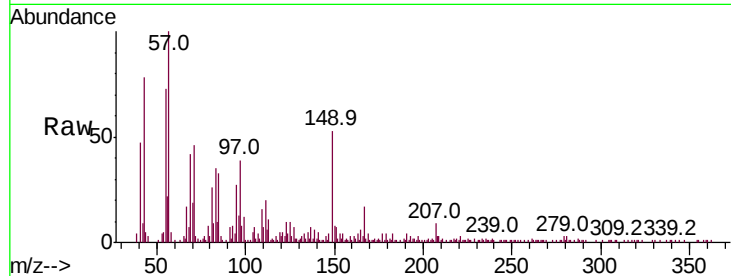
Tot Ion:149 Resp: 19970

Ion Ratio Lower Upper

149 100

167 32.5 21.9 32.9

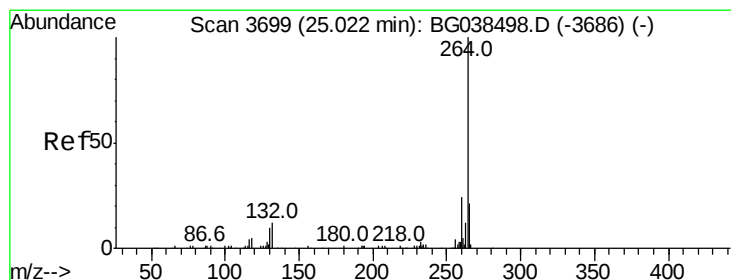
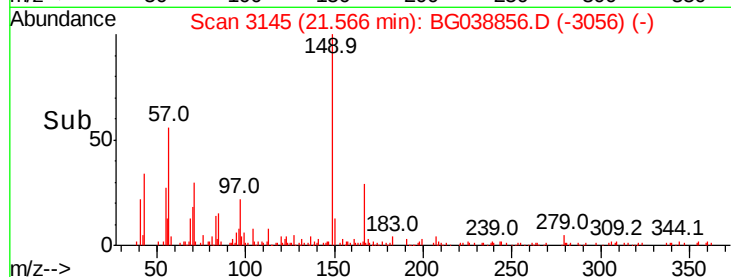
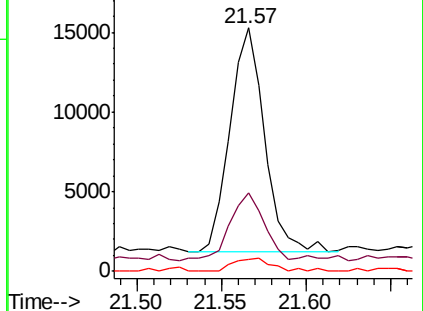
279 4.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038856.D

Acq: 27 Dec 2018 23:12

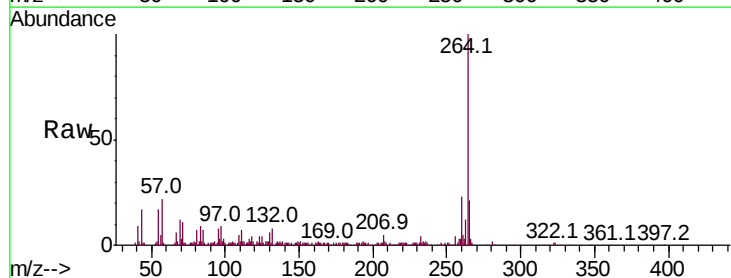
Tgt Ion:264 Resp: 181231

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.2 17.0 25.4



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

