

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038939.D
 Acq On : 4 Jan 2019 21:06
 Operator : JU/SJ
 Sample : K1046-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 22:48:57 2019
 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	8.05	152	25922	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	108858	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	72481	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	160715	20.00	ng	0.00
76) Chrysene-d12	21.71	240	165250	20.00	ng	-0.01
87) Perylene-d12	25.01	264	179287	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	81260	55.60	ng	0.00
7) Phenol-d6	7.21	99	71129	35.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	163161	76.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	138497	138.65	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	447382	84.68	ng	-0.01
79) Terphenyl-d14	20.04	244	715645	94.25	ng	0.00

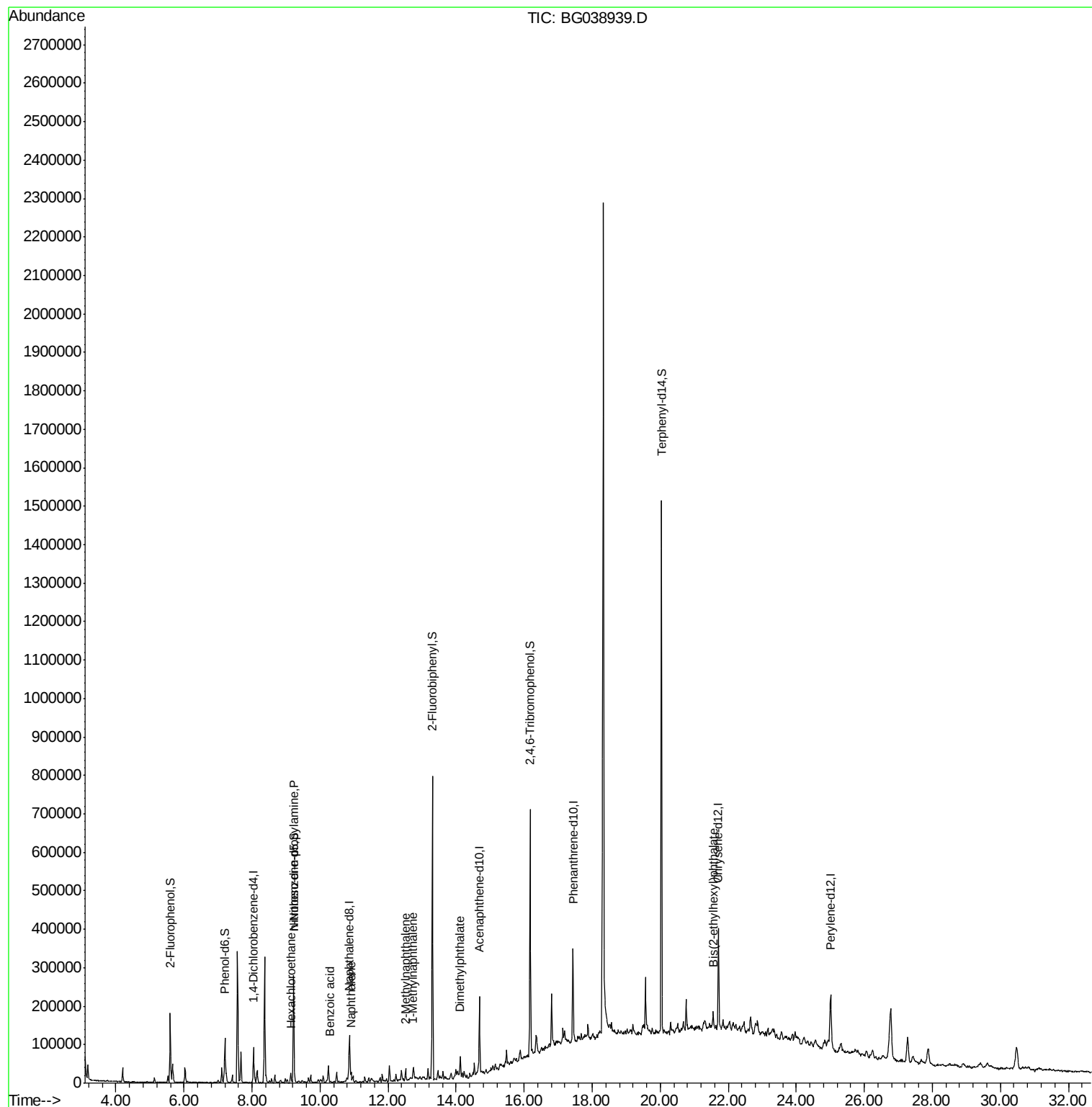
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.14	117	3426	4.578	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	21540	15.286	ng	# 70
31) Naphthalene	10.91	128	18057	3.367	ng	# 95
32) Benzoic acid	10.30	122	72	10.221	ng	# 34
37) 2-Methylnaphthalene	12.52	142	16896	4.416	ng	# 93
38) 1-Methylnaphthalene	12.73	142	11132	2.998	ng	# 99
50) Dimethylphthalate	14.13	163	21556	3.642	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.56	149	17902	2.959	ng	# 95

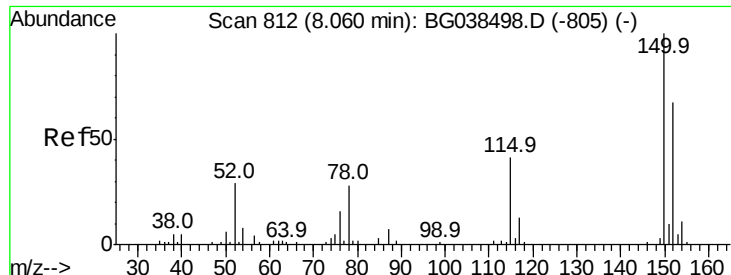
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



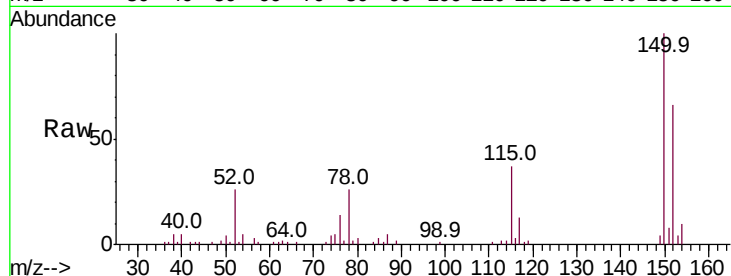


#1

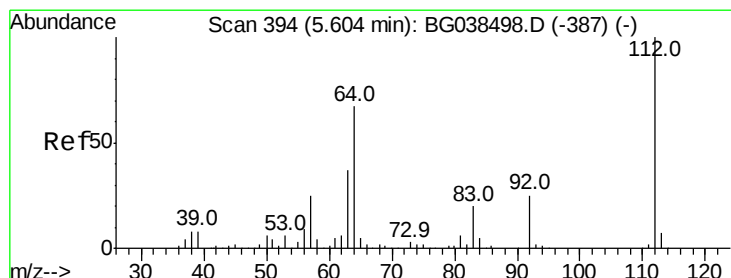
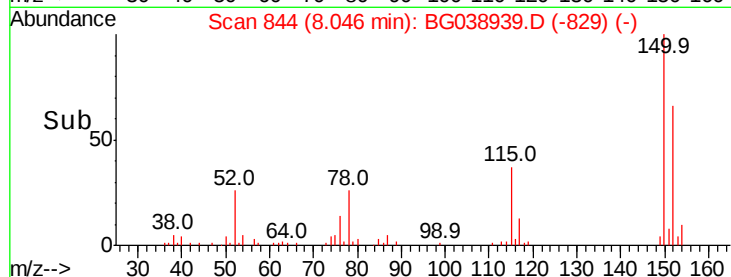
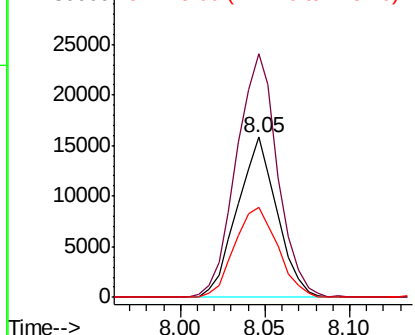
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25922
Ion Ratio Lower Upper
152 100
150 152.2 119.5 179.3
115 56.1 49.6 74.4



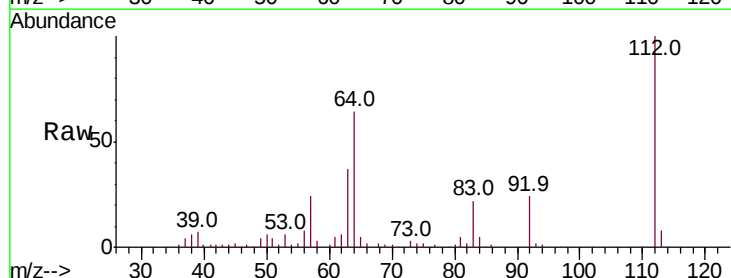
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



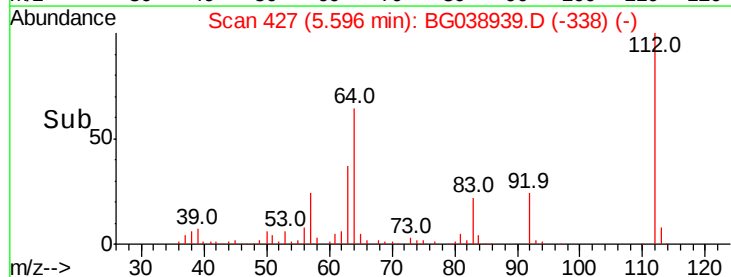
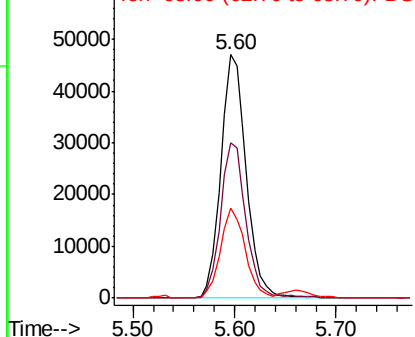
#5

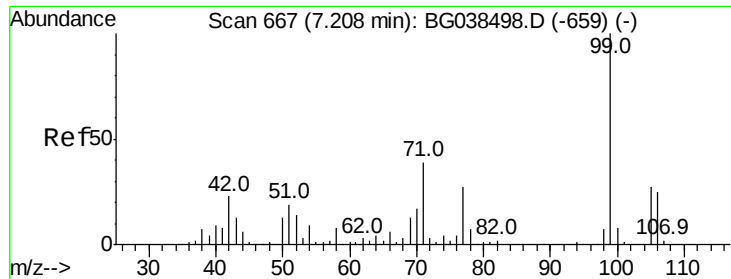
2-Fluorophenol
Concen: 55.600 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Tgt Ion:112 Resp: 81260
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 36.9 29.3 43.9



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: 35.452 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

Instrument :

BNA_G

ClientSampled :

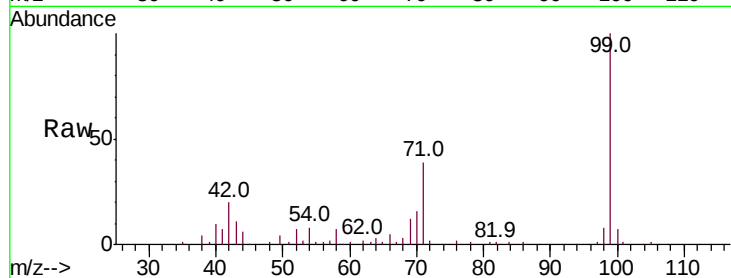
Tot Ion: 99 Resp: 71129

Ion Ratio Lower Upper

99 100

42 20.2 18.5 27.7

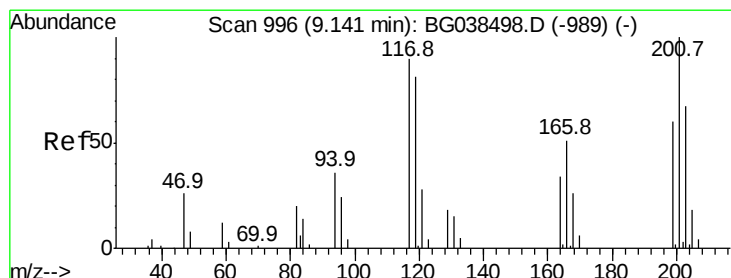
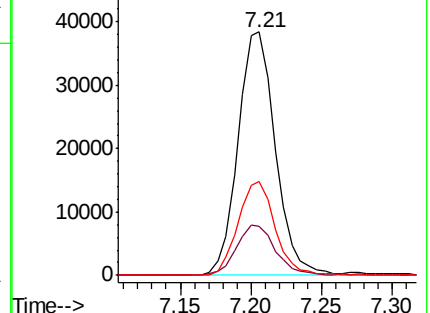
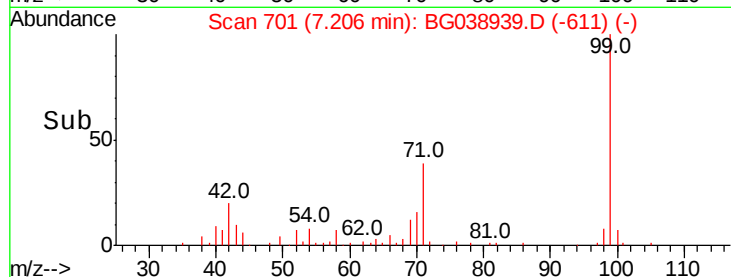
71 38.7 31.1 46.7



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



#18

Hexachloroethane

Concen: 4.578 ng

RT: 9.14 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

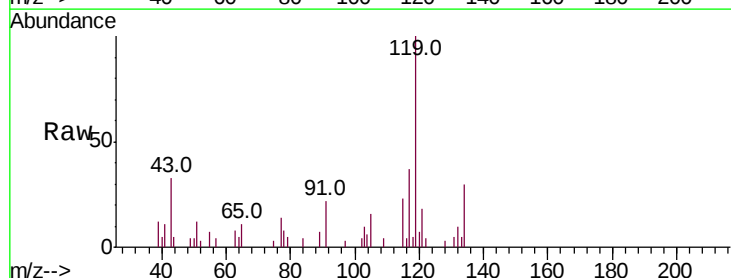
Tgt Ion: 117 Resp: 3426

Ion Ratio Lower Upper

117 100

119 268.7 73.8 110.8#

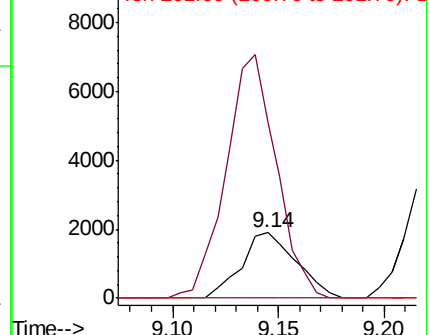
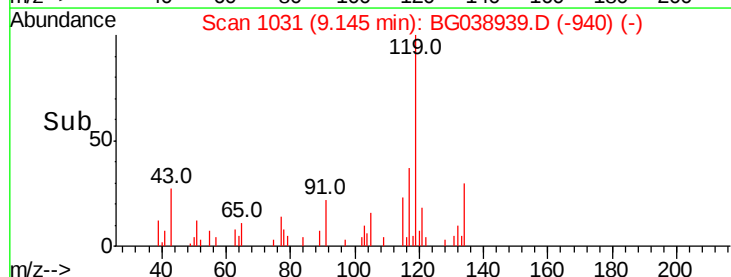
201 0.0 89.4 134.0#

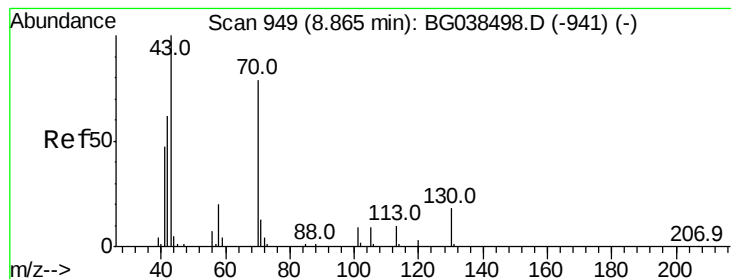


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.286 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 21540

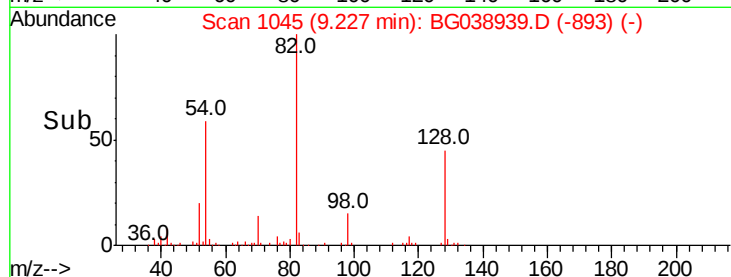
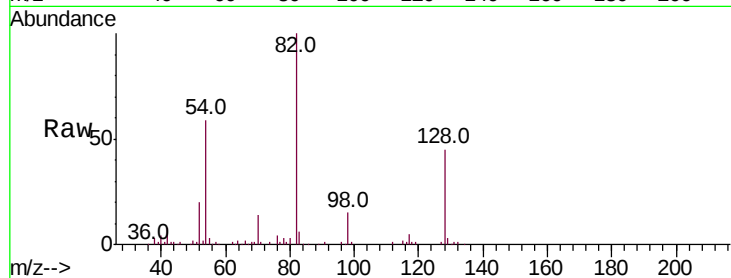
Ion Ratio Lower Upper

70 100

42 56.0 63.6 95.4#

101 0.0 9.2 13.8#

130 2.3 18.5 27.7#

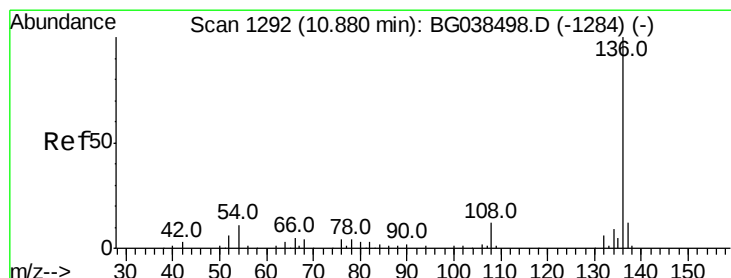
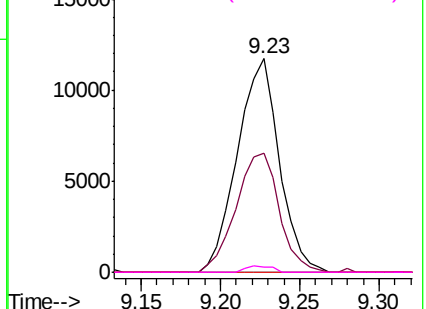


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

Tgt Ion: 136 Resp: 108858

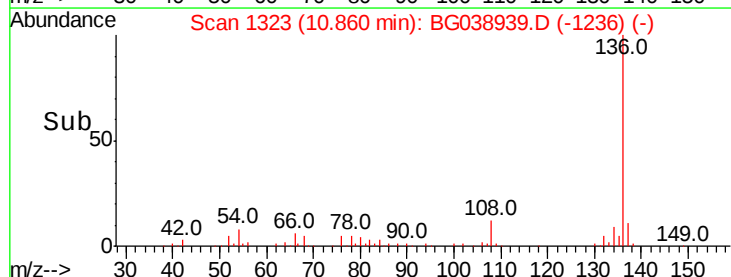
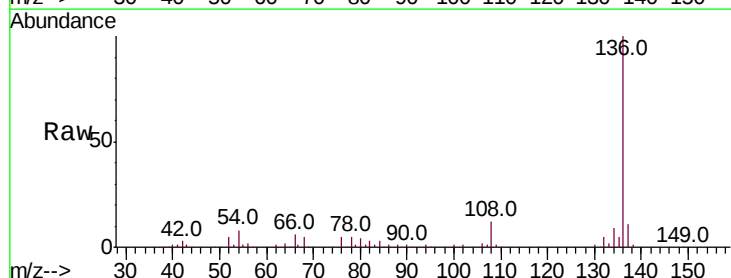
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.5 8.5 12.7#

68 5.1 3.5 5.3

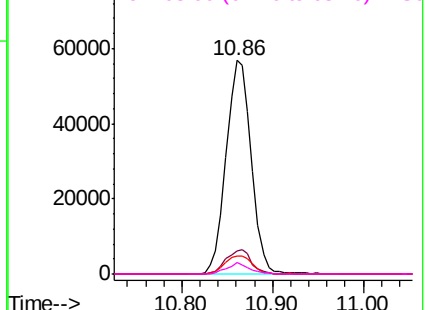


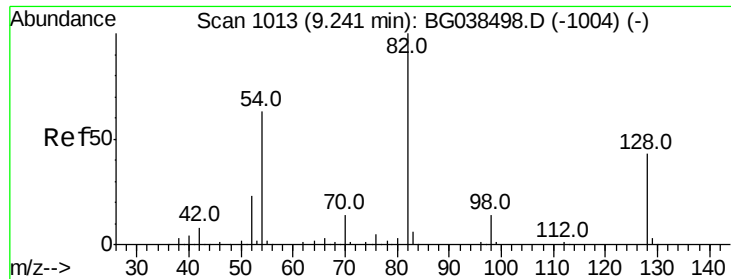
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

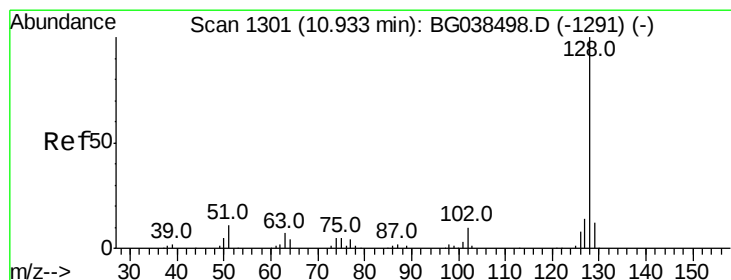
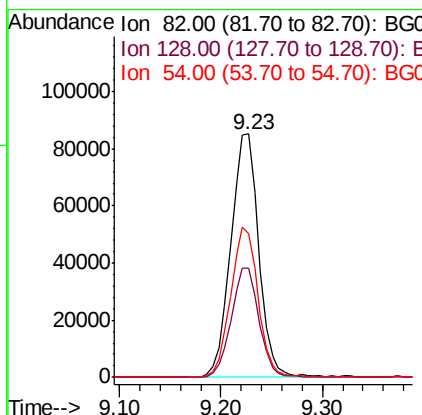
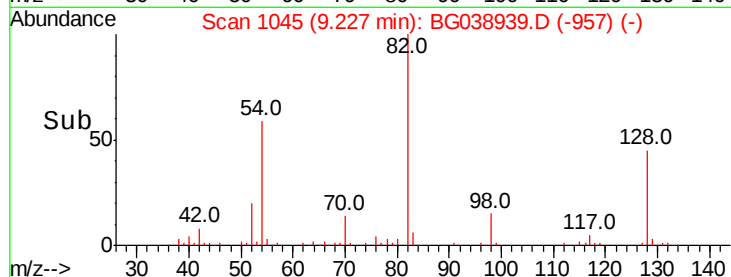
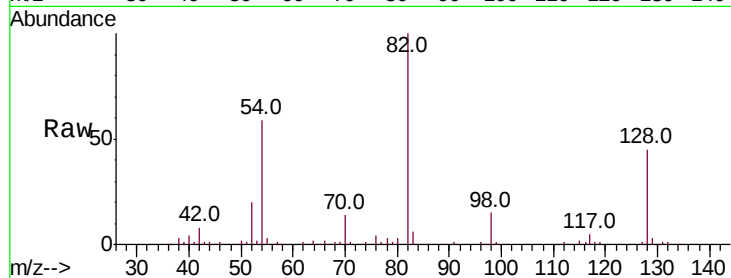




#23
 Nitrobenzene-d5
 Concen: 76.572 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

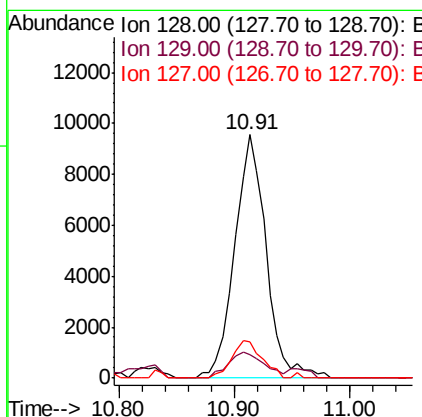
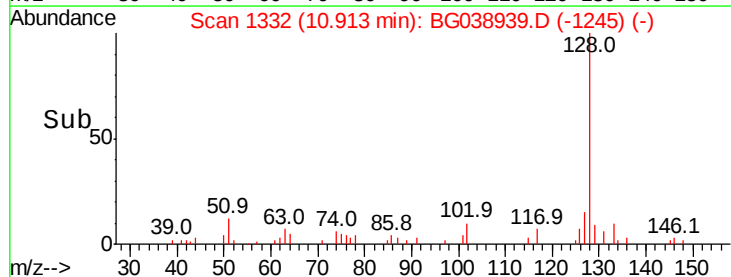
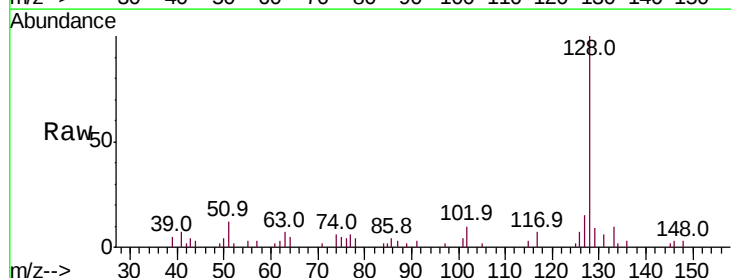
Instrument :
 BNA_G
 ClientSampleId :

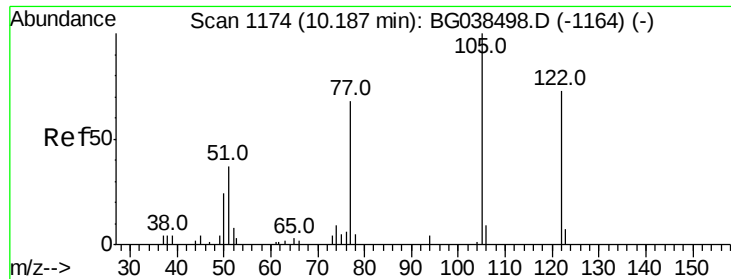
Tot Ion: 82 Resp: 163161
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 59.2 50.6 76.0



#31
 Naphthalene
 Concen: 3.367 ng
 RT: 10.91 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Tgt Ion: 128 Resp: 18057
 Ion Ratio Lower Upper
 128 100
 129 9.4 9.5 14.3#
 127 14.7 10.9 16.3

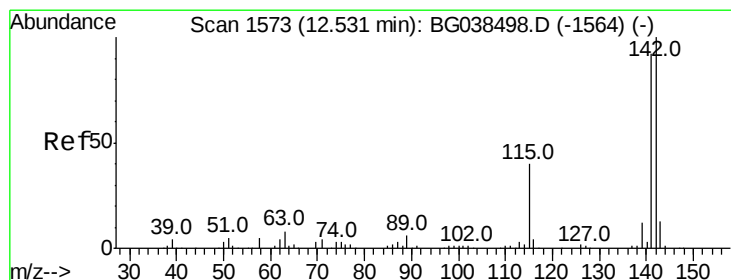
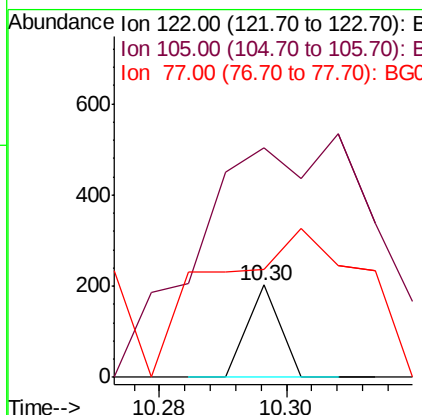
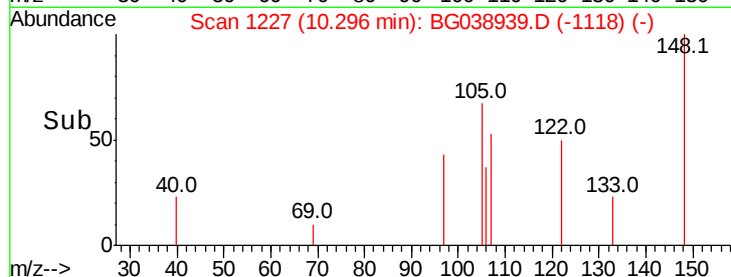
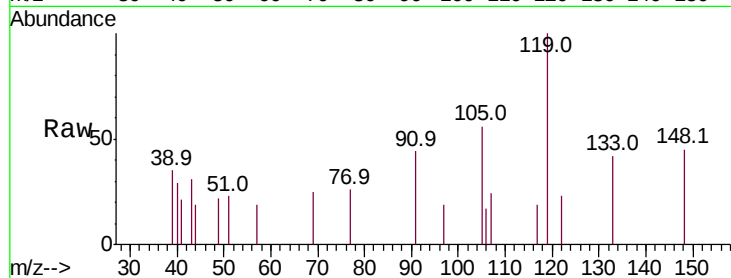




#32
Benzoic acid
Concen: 10.221 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.11 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

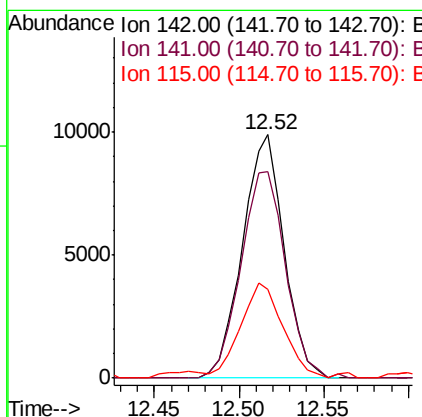
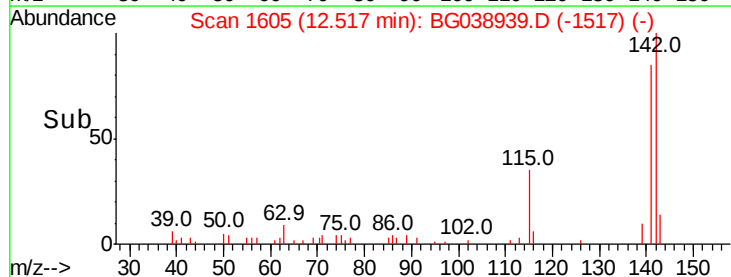
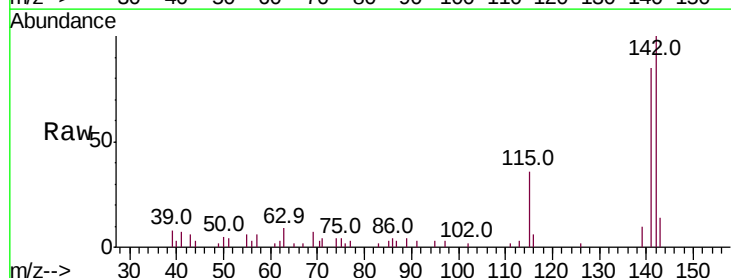
Instrument :
BNA_G
ClientSampled :

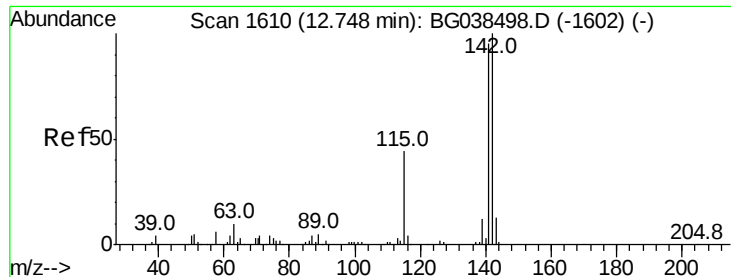
Tot Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 248.8 116.7 156.7#
77 116.3 72.5 112.5#



#37
2-Methylnaphthalene
Concen: 4.416 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Tgt Ion:142 Resp: 16896
Ion Ratio Lower Upper
142 100
141 84.8 73.5 110.3
115 36.5 31.7 47.5

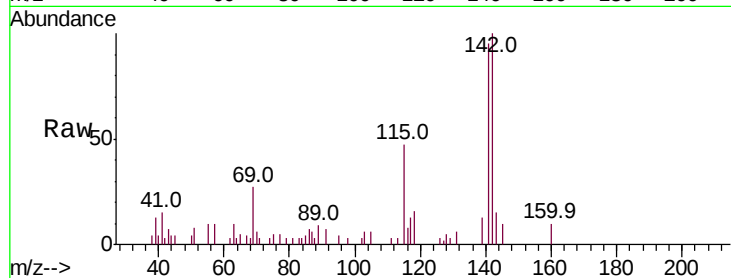




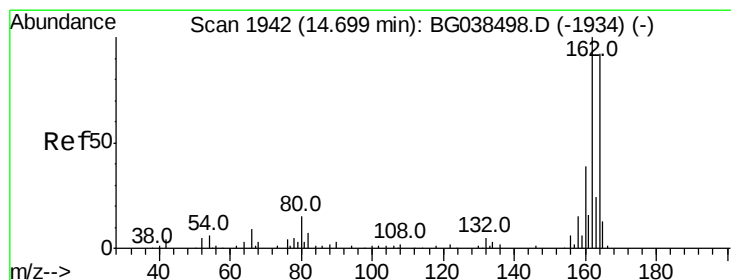
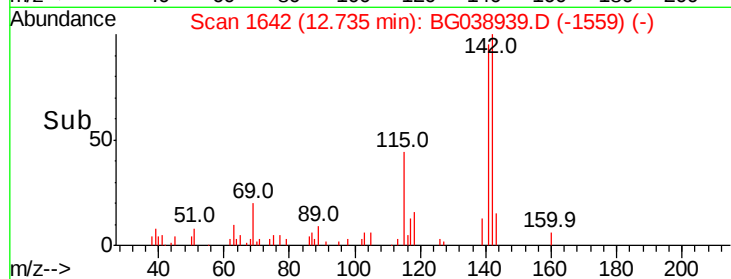
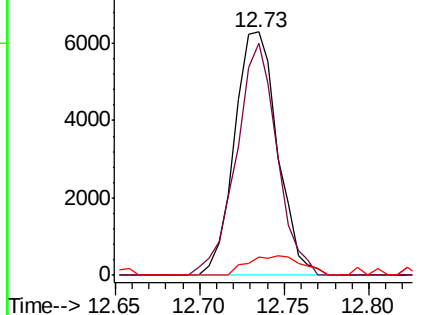
#38
 1-Methylnaphthalene
 Concen: 2.998 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 11132
 Ion Ratio Lower Upper
 142 100
 141 95.2 75.8 113.8
 116 7.8 3.6 5.4#

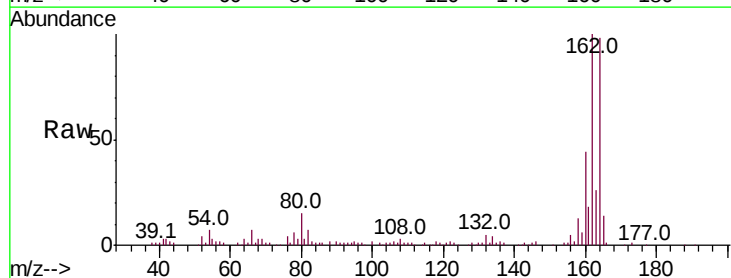


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

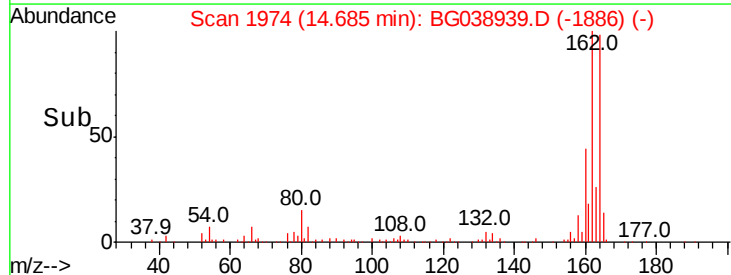
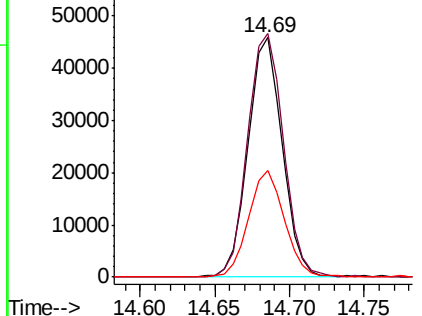


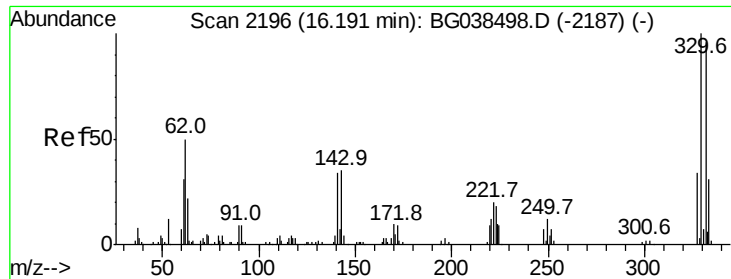
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Tgt Ion:164 Resp: 72481
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.6 130.0
 160 44.4 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

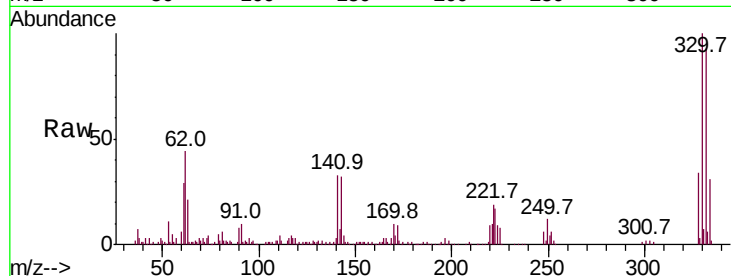




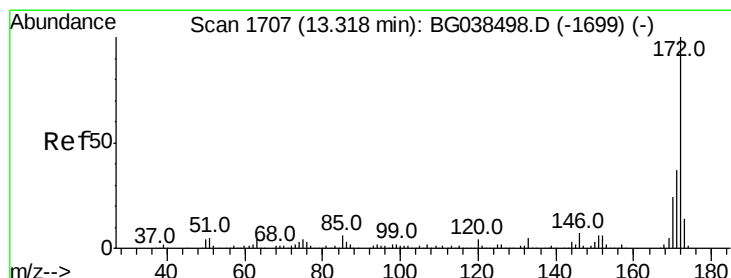
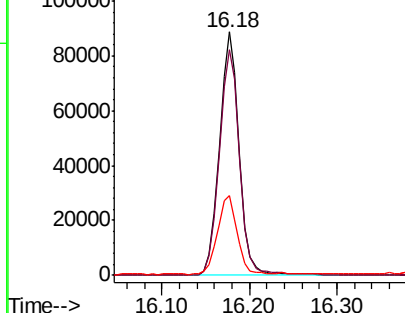
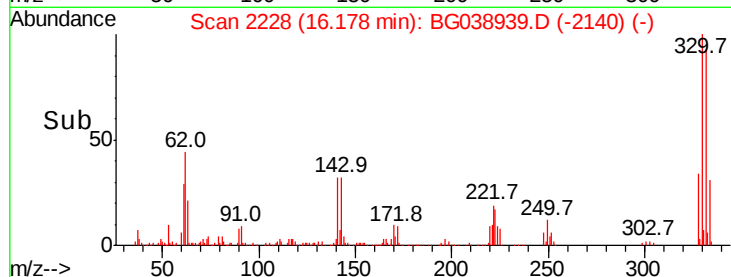
#42
 2,4,6-Tribromophenol
 Concen: 138.647 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	32.4	28.8	43.2

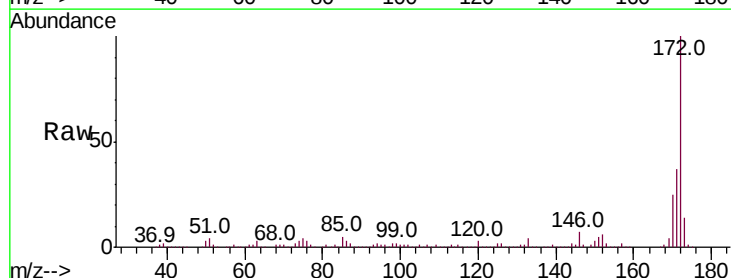


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

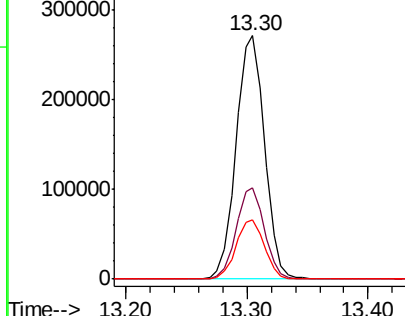
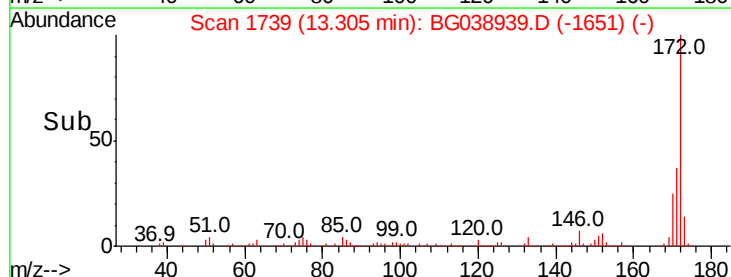


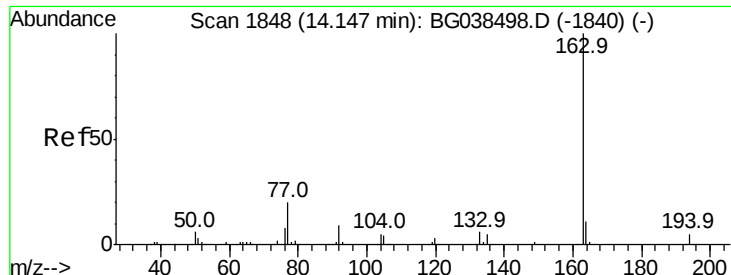
#45
 2-Fluorobiphenyl
 Concen: 84.676 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.5	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





#50

Dimethylphthalate

Concen: 3.642 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

Instrument :

BNA_G

ClientSampleId :

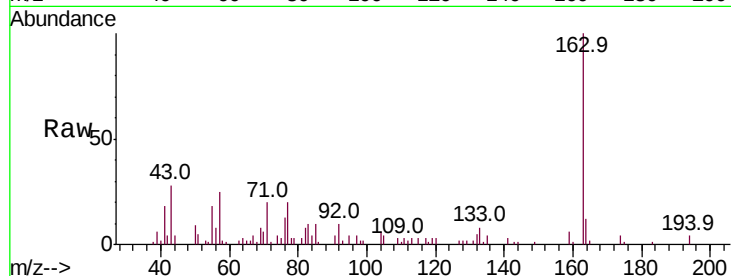
Tot Ion:163 Resp: 21556

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

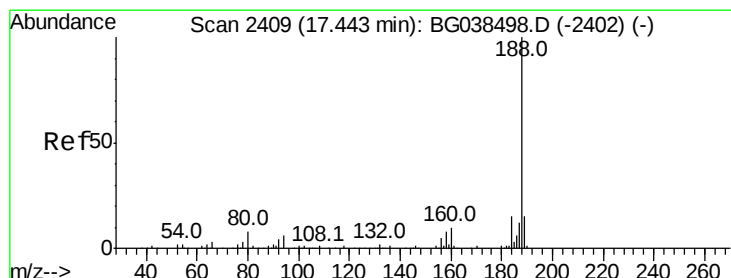
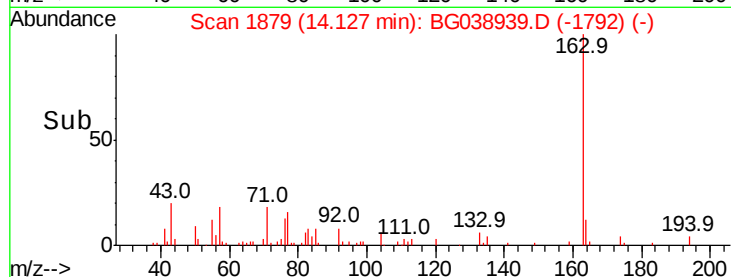
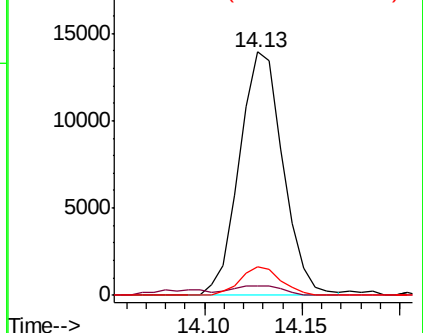
164 11.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

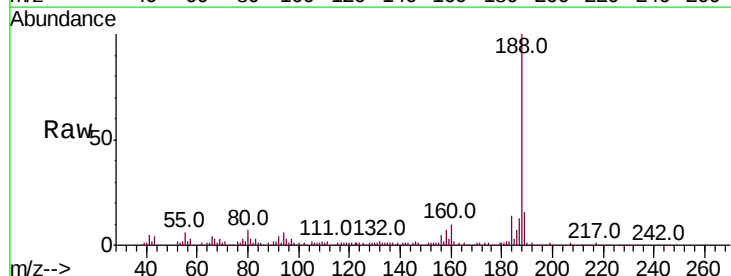
Tgt Ion:188 Resp: 160715

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

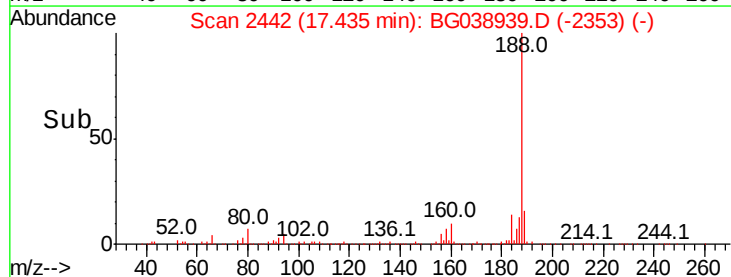
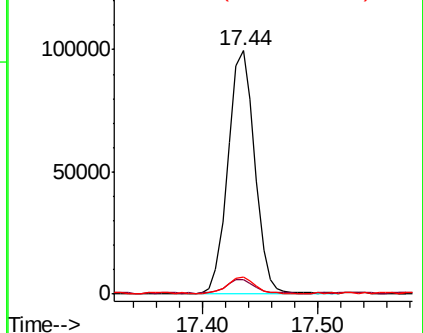
80 6.9 6.1 9.1

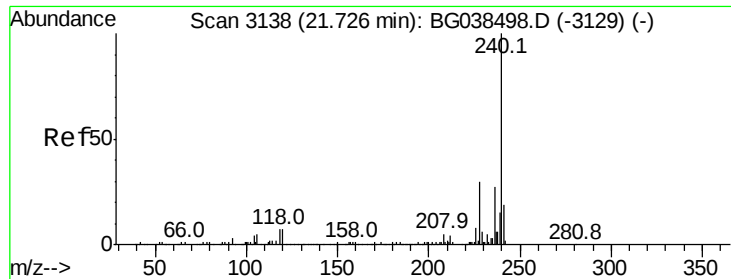


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

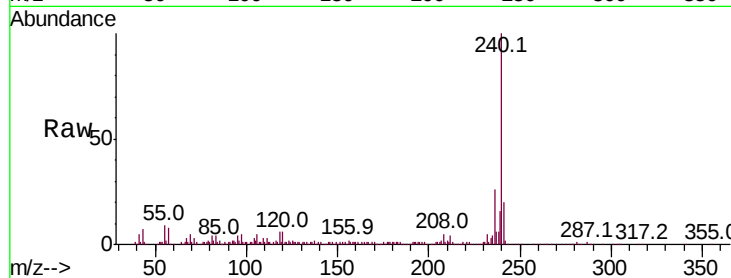




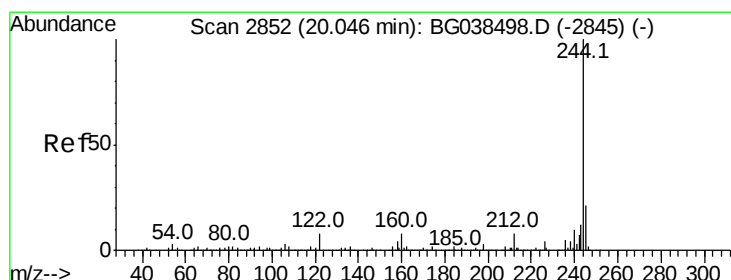
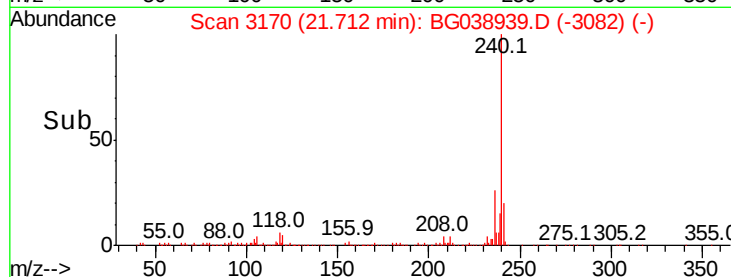
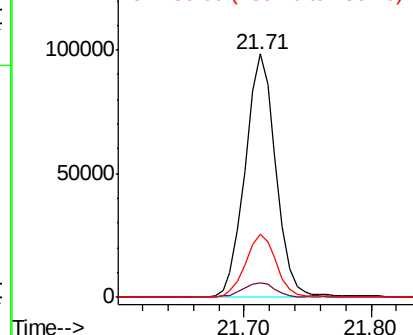
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.3	7.9
236	26.1	21.4	32.2

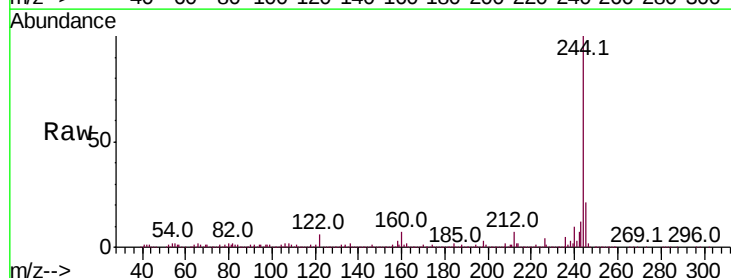


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

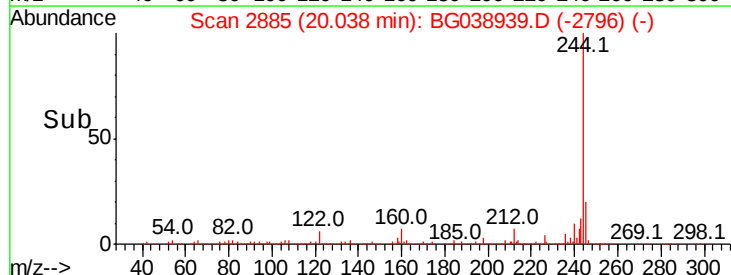
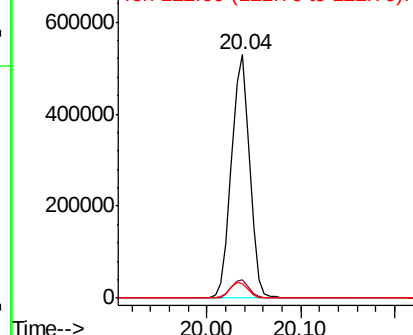


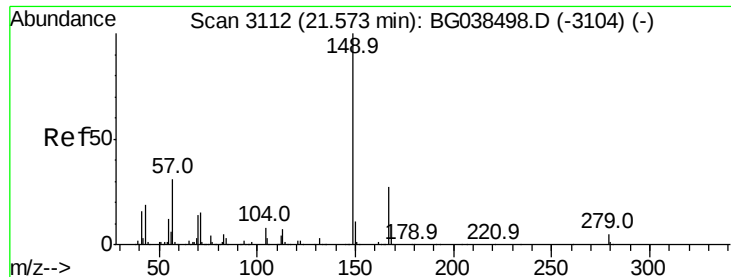
#79
 Terphenyl-d14
 Concen: 94.250 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.2	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: 2.959 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

Instrument :

BNA_G

ClientSampleId :

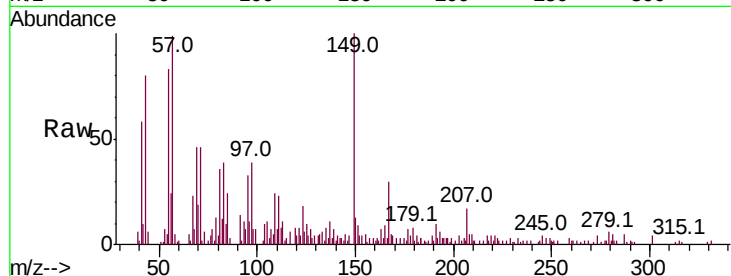
Tot Ion:149 Resp: 17902

Ion Ratio Lower Upper

149 100

167 30.3 21.9 32.9

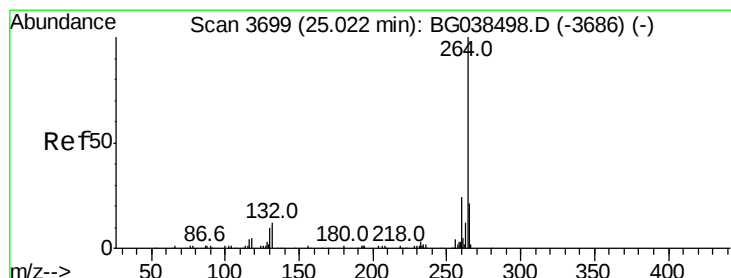
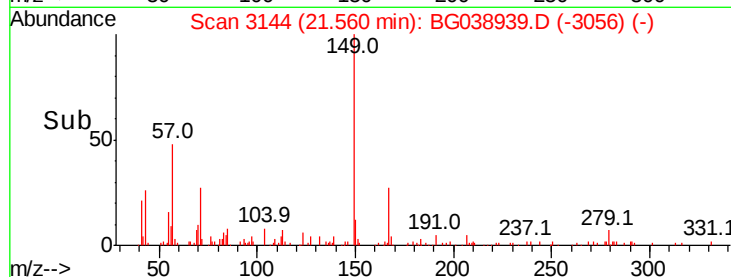
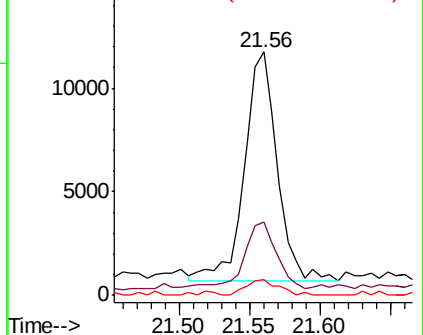
279 6.2 4.2 6.2#



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038939.D

Acq: 4 Jan 2019 21:06

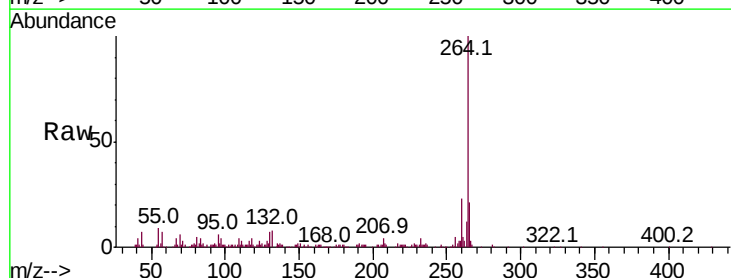
Tgt Ion:264 Resp: 179287

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.4 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

