

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038939.D
 Acq On : 4 Jan 2019 21:06
 Operator : JU/SJ
 Sample : K1043-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HB-1319-WS

Quant Time: Jan 04 23:11:52 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

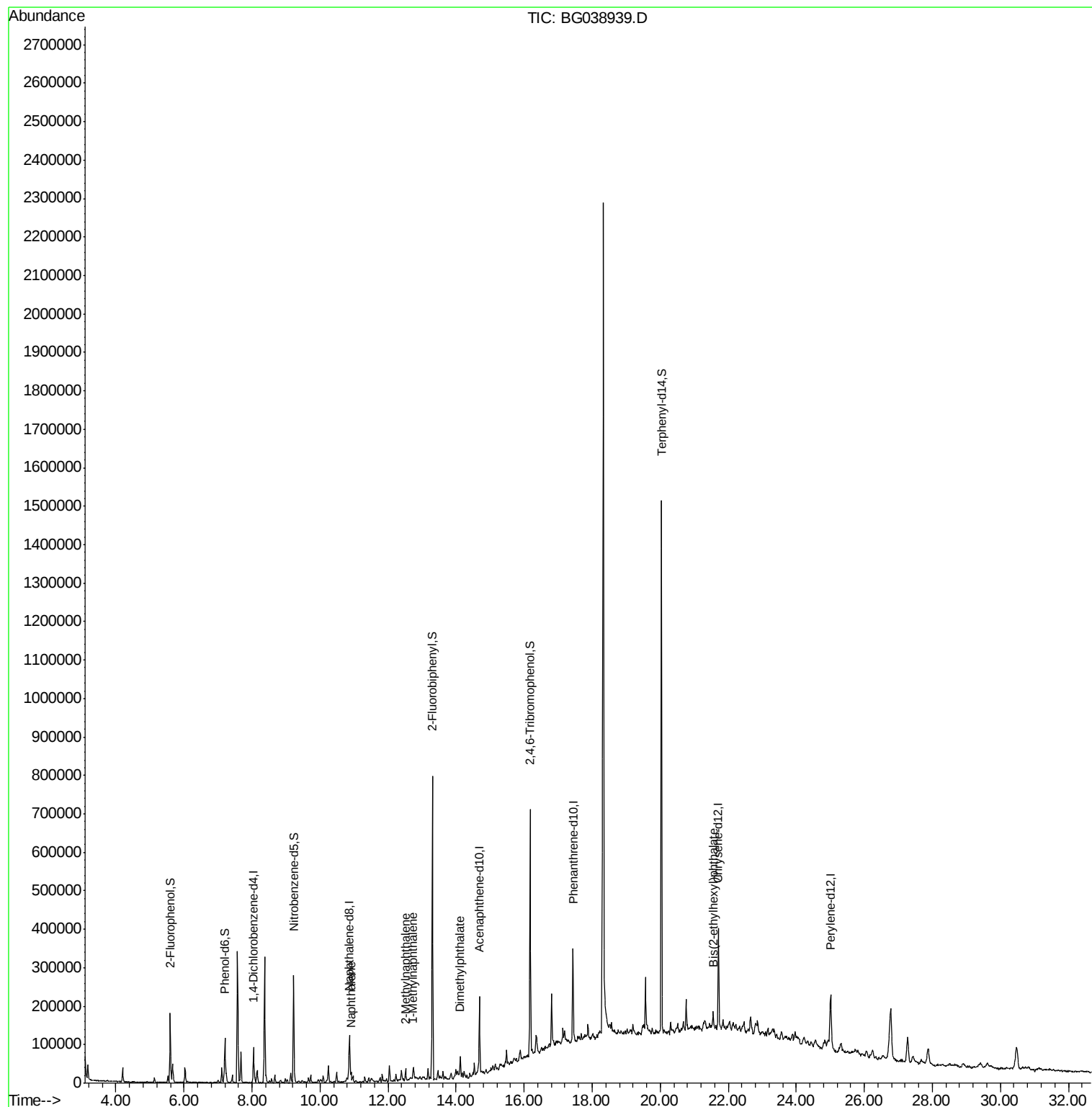
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.91	128	18057	3.367	ng	# 95
37) 2-Methylnaphthalene	12.52	142	16896	4.416	ng	93
38) 1-Methylnaphthalene	12.73	142	11132	2.998	ng	# 99
50) Dimethylphthalate	14.13	163	21556	3.642	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	17902	2.959	ng	# 95

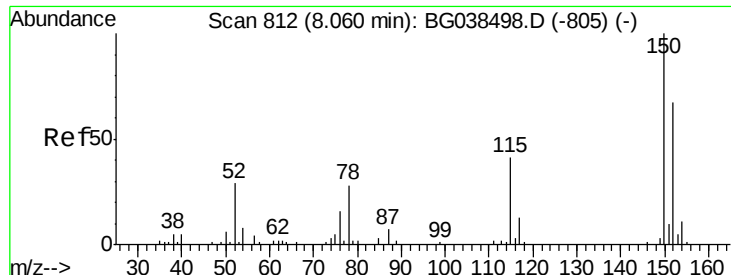
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 23:11:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



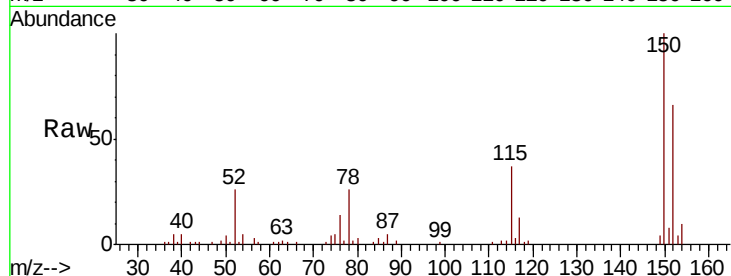


#1

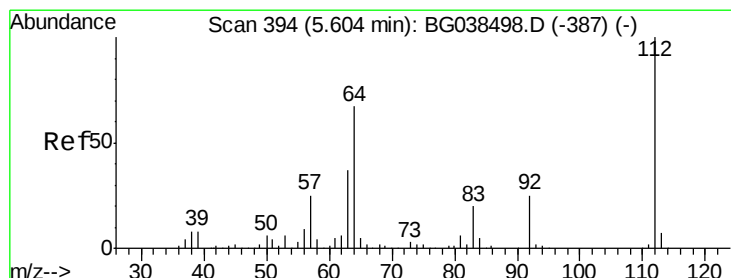
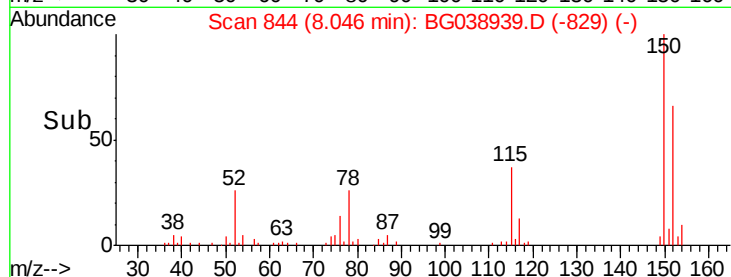
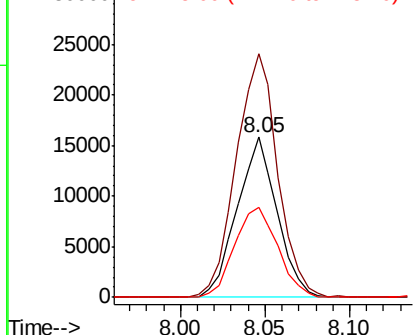
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Instrument :
BNA_G
ClientSampleId :
HB-1319-WS

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



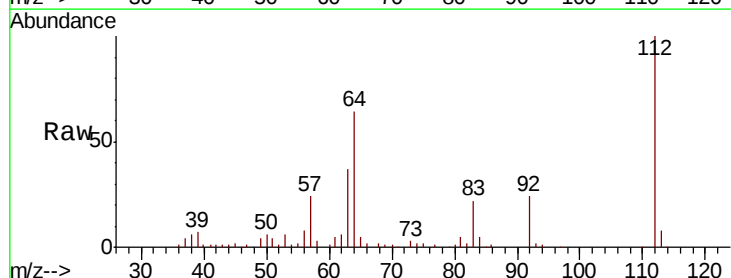
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



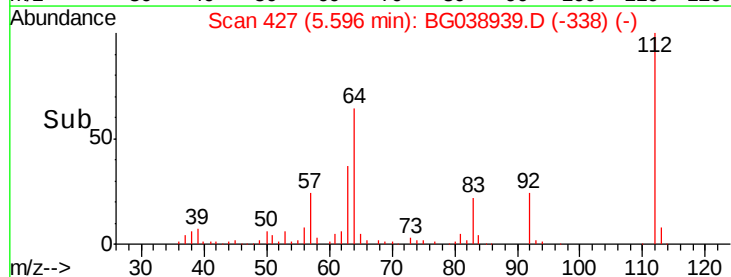
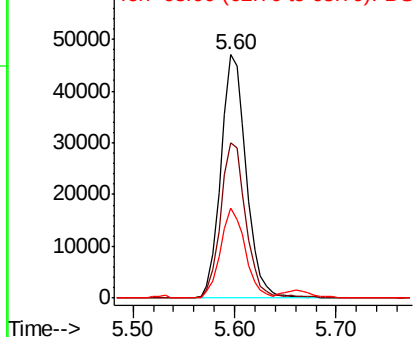
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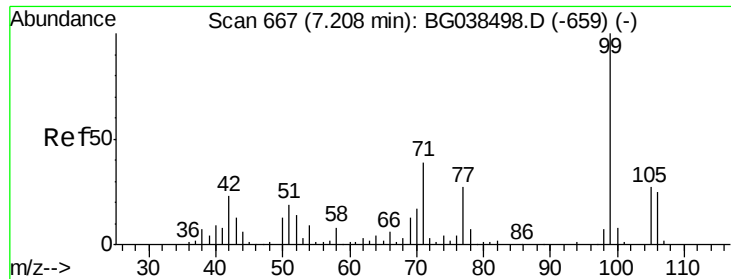
2-Fluorophenol
Concen: 55.600 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

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

ClientSampleId :

HB-1319-WS

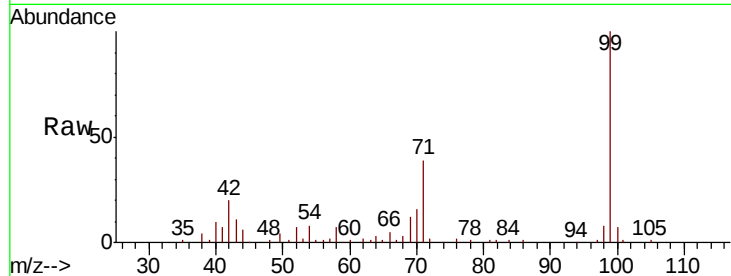
Tot Ion: 99 Resp: 71129

Ion Ratio Lower Upper

99 100

42 20.2 18.5 27.7

71 38.7 31.1 46.7

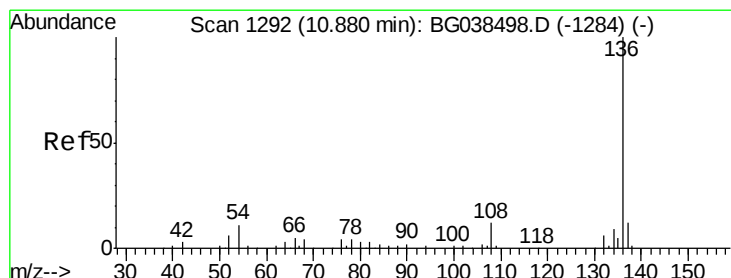
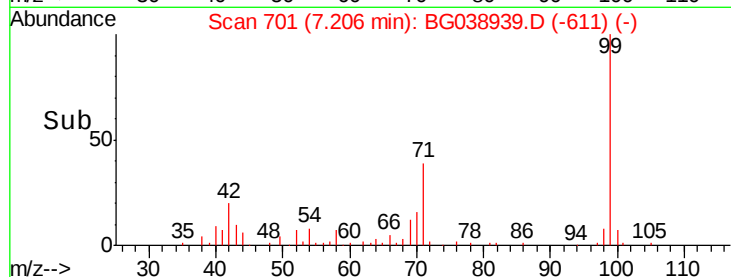
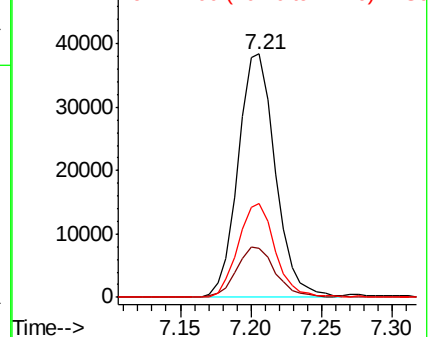


Abundance

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



#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

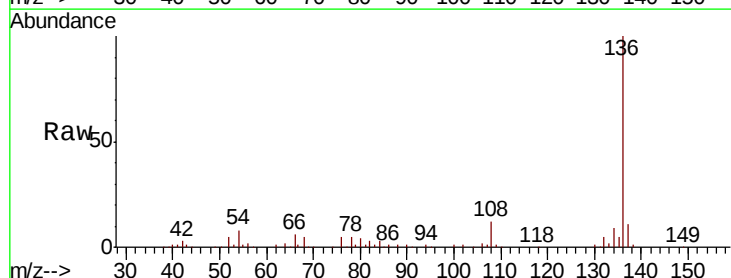
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.5 8.5 12.7#

68 5.1 3.5 5.3



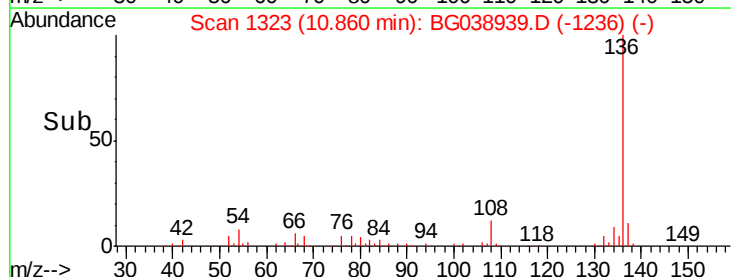
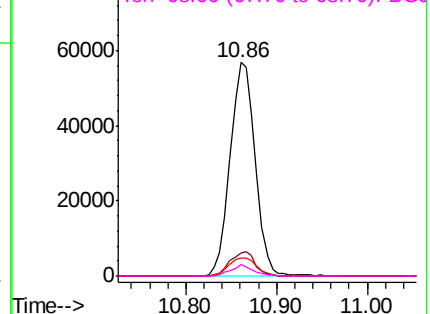
Abundance

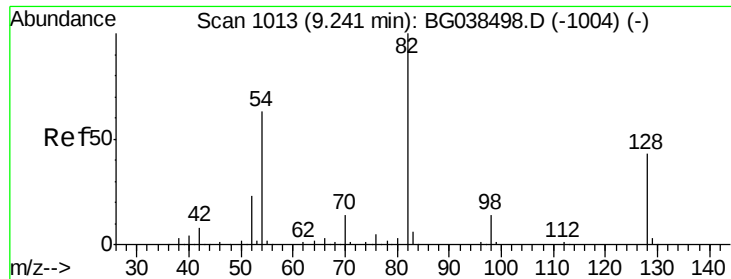
Ion 136.00 (135.70 to 136.70): BGC

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

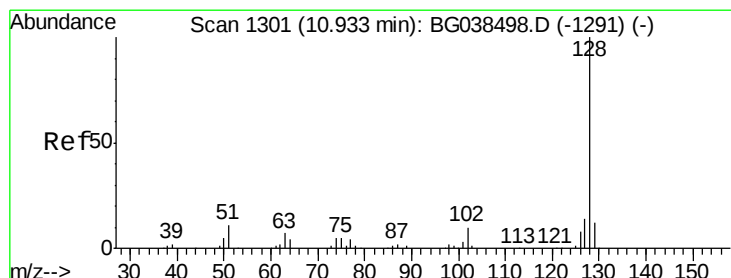
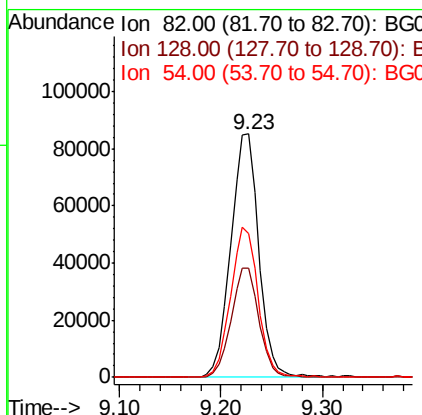
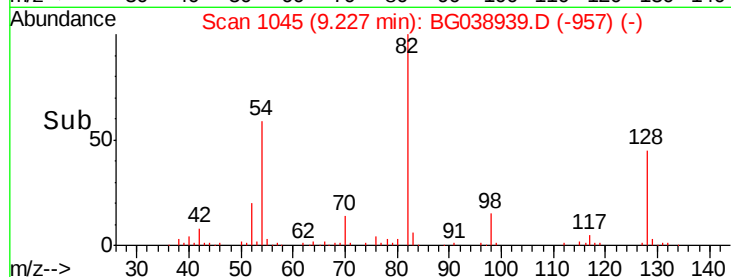
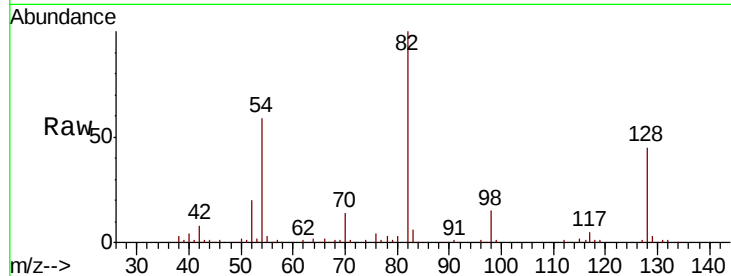




#23
Nitrobenzene-d5
Concen: 76.572 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

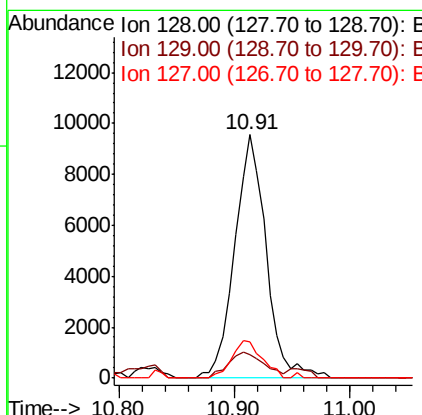
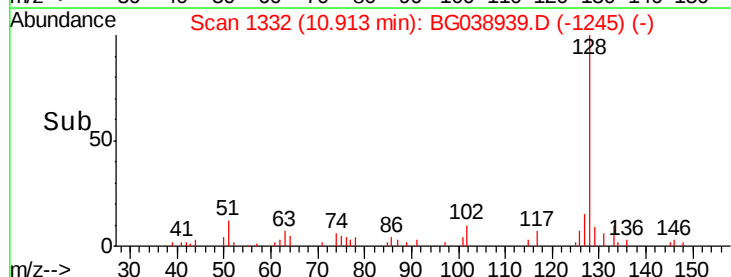
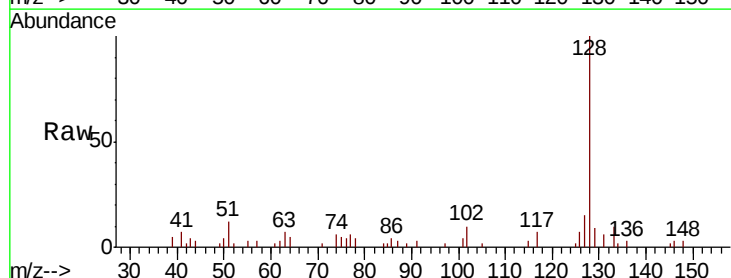
Instrument :
BNA_G
ClientSampleId :
HB-1319-WS

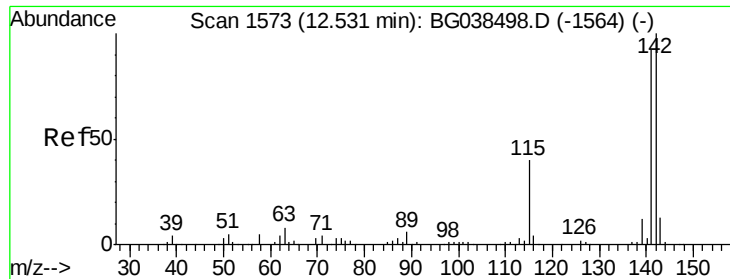
Tot Ion: 82 Resp: 163161
Ion Ratio Lower Upper
82 100
128 44.9 34.6 52.0
54 59.2 50.6 76.0



#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

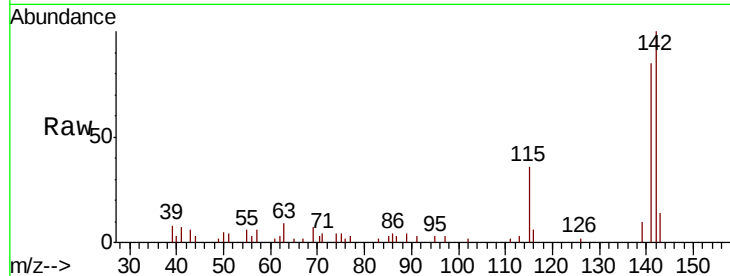




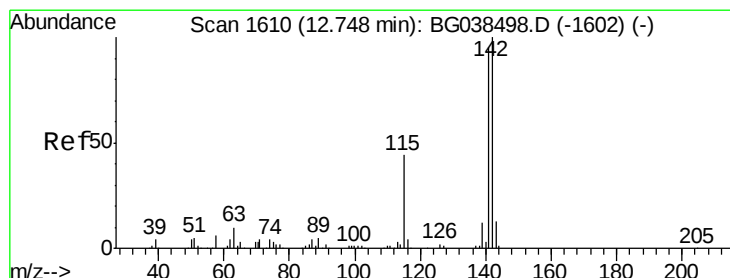
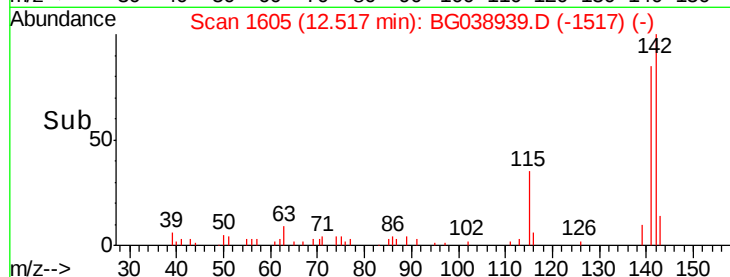
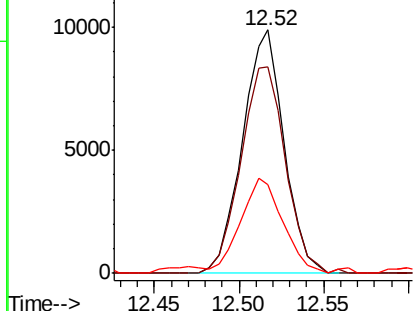
#37
 2-Methylnaphthalene
 Concen: 4.416 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Instrument :
 BNA_G
 ClientSampleId :
 HB-1319-WS

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

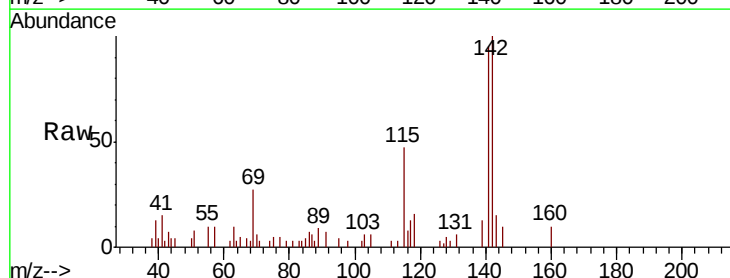


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

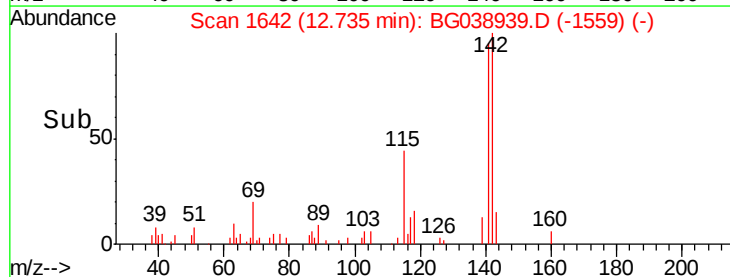
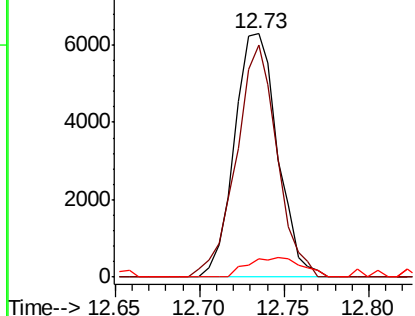


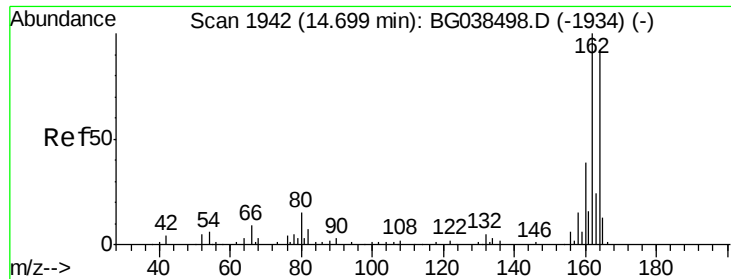
#38
 1-Methylnaphthalene
 Concen: 2.998 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038939.D
 Acq: 4 Jan 2019 21:06

Tgt 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

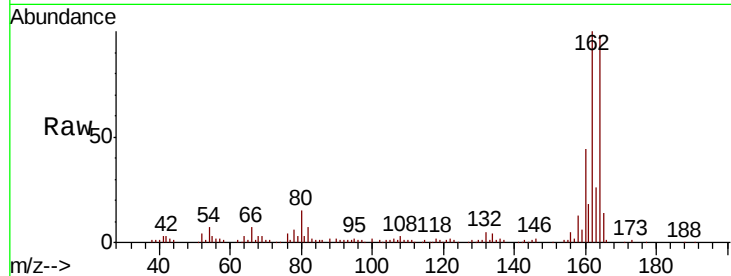




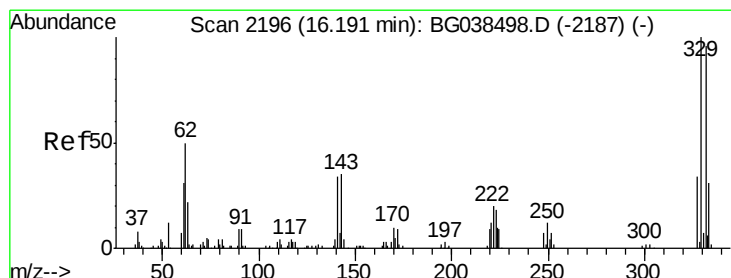
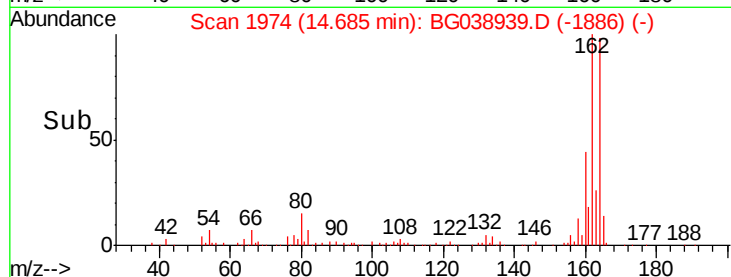
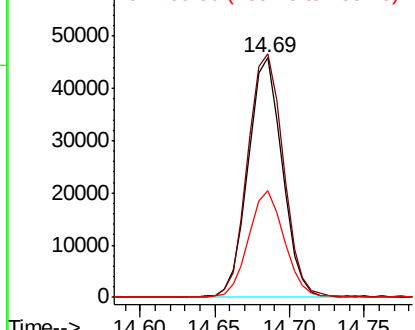
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Instrument :
BNA_G
ClientSampleId :
HB-1319-WS

Tot Ion:164 Resp: 72481
Ion Ratio Lower Upper
164 100
162 101.8 86.6 130.0
160 44.4 34.2 51.2

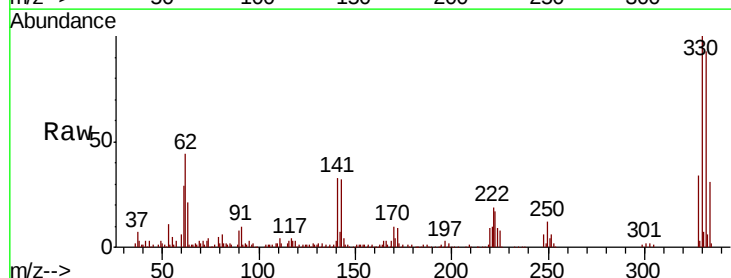


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

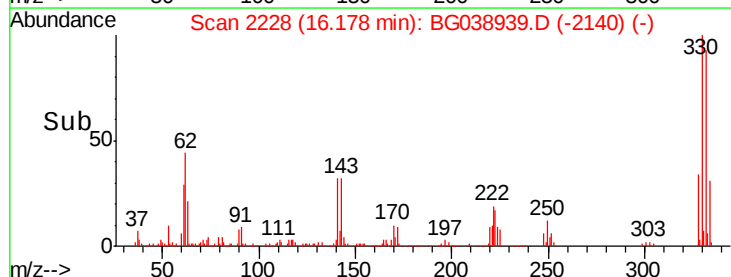
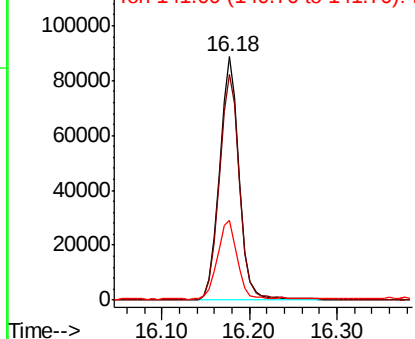


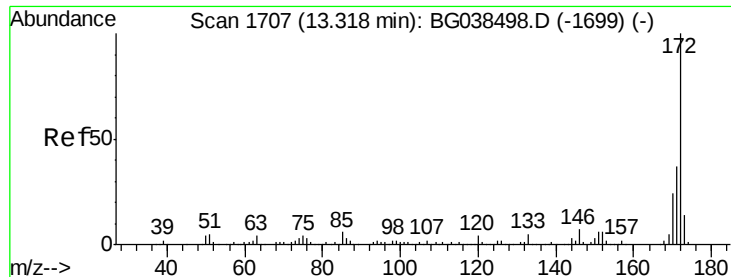
#42
2,4,6-Tribromophenol
Concen: 138.647 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Tgt Ion:330 Resp: 138497
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

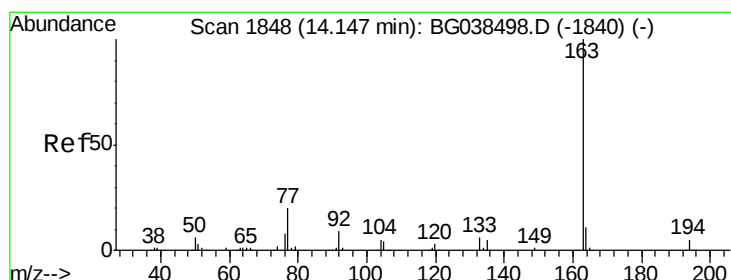
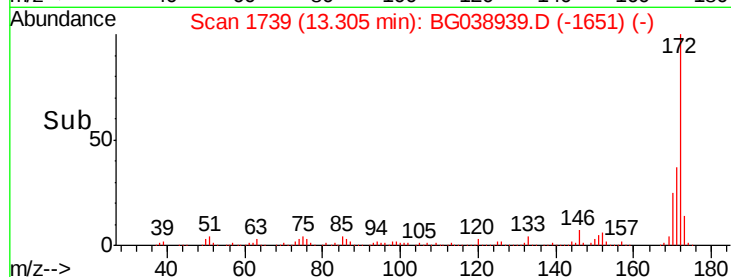
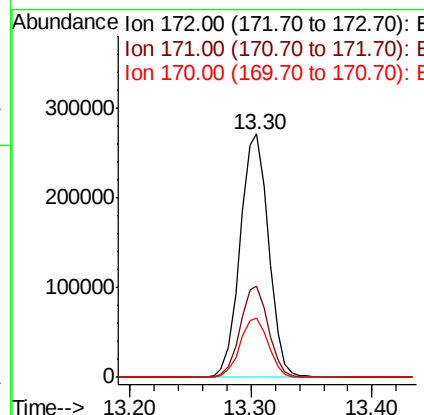
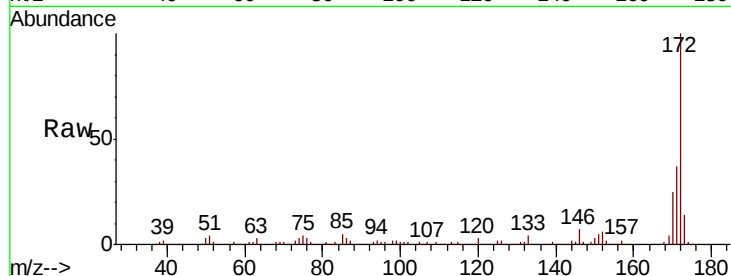




#45
2-Fluorobiphenyl
Concen: 84.676 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

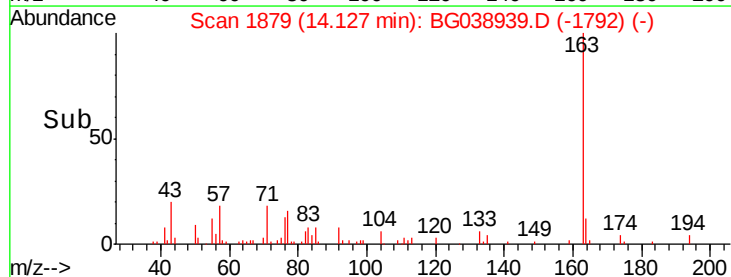
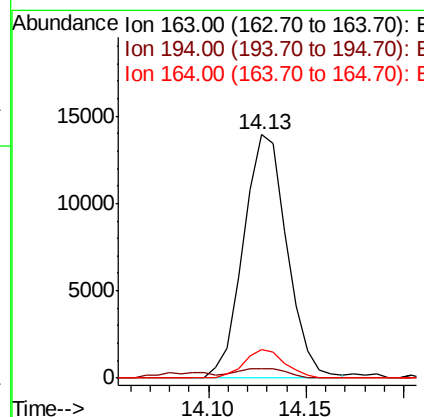
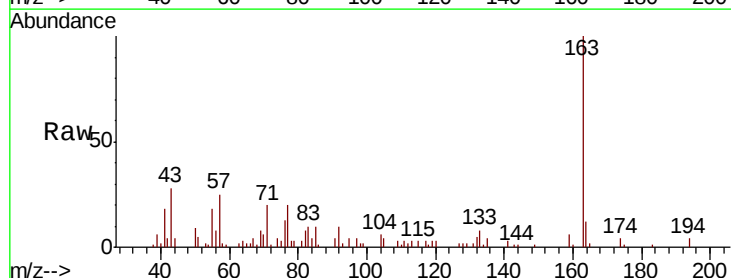
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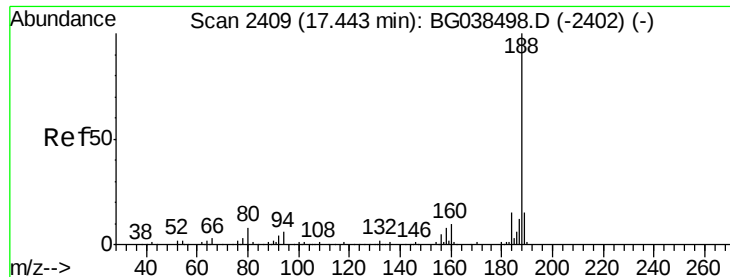
Tot Ion:172 Resp: 447382
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.5 19.5 29.3



#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

Tgt Ion:163 Resp: 21556
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 11.6 8.6 12.8

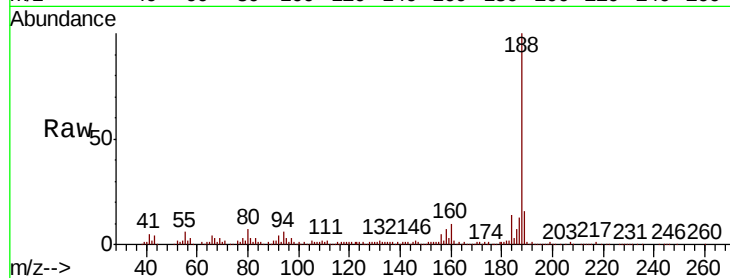




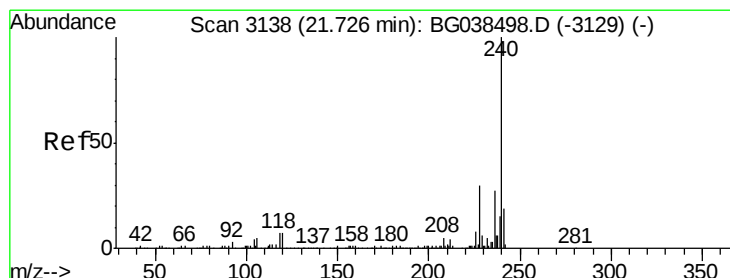
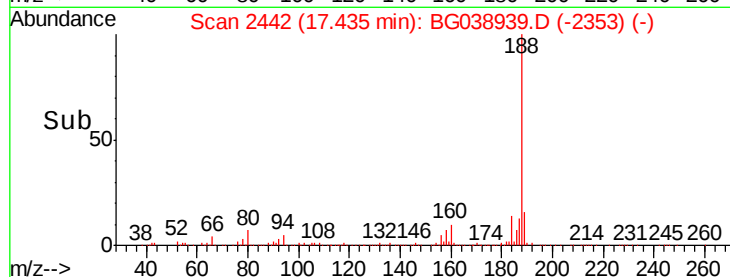
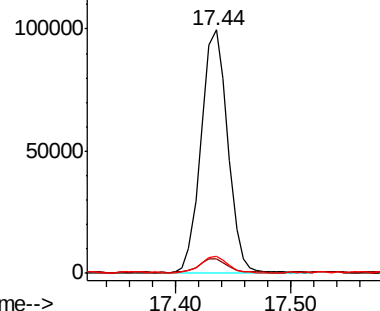
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Instrument :
BNA_G
ClientSampleId :
HB-1319-WS

Tot Ion:188 Resp: 160715
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.9 6.1 9.1

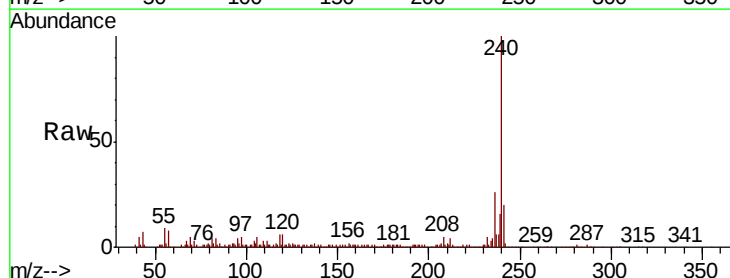


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

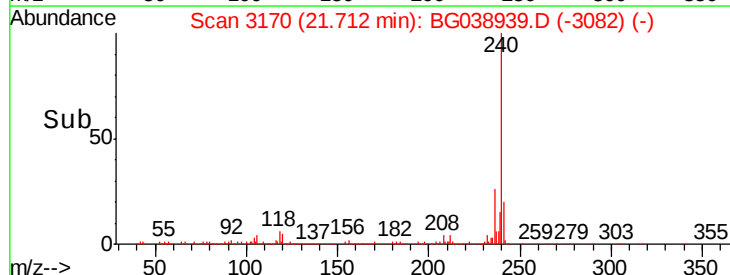
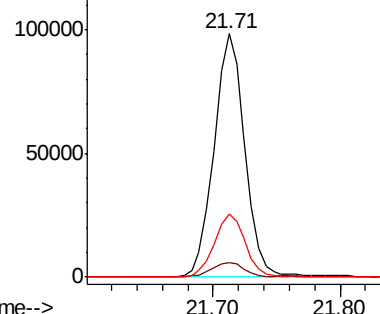


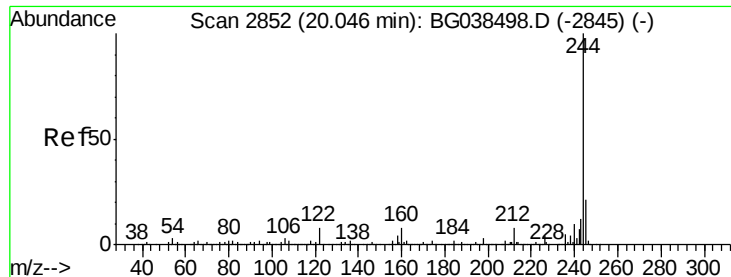
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Tgt Ion:240 Resp: 165250
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

Instrument :

BNA_G

ClientSampleId :

HB-1319-WS

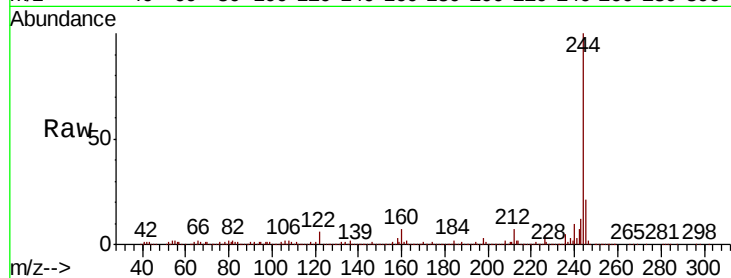
Tot Ion:244 Resp: 715645

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

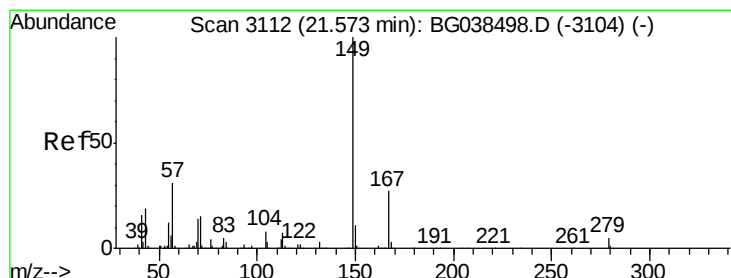
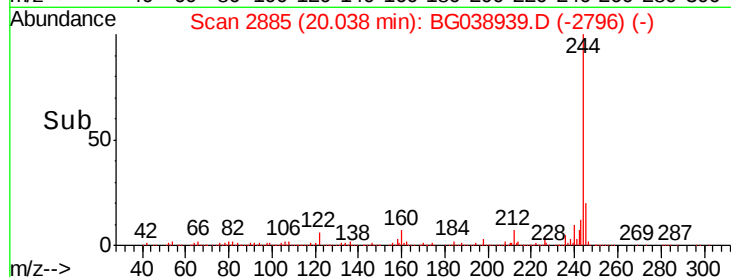
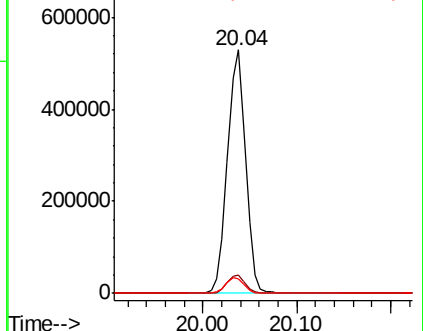
122 6.2 6.3 9.5#



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

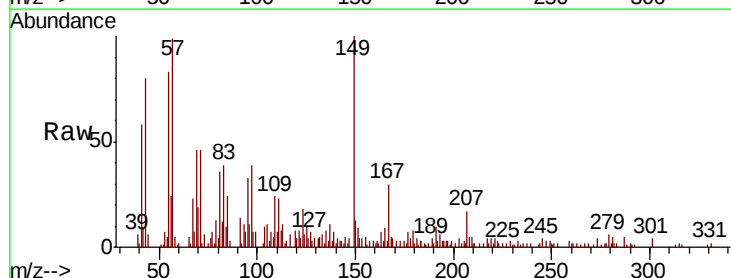
Tgt Ion:149 Resp: 17902

Ion Ratio Lower Upper

149 100

167 30.3 21.9 32.9

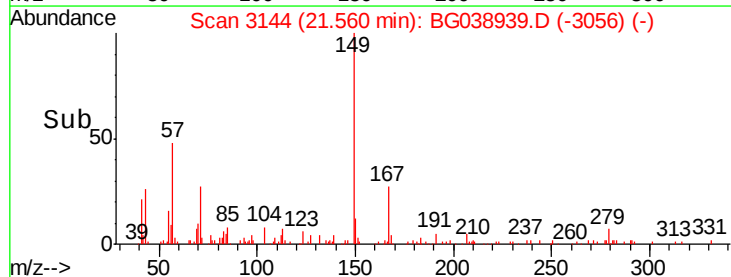
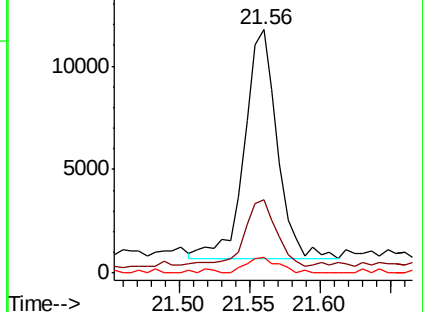
279 6.2 4.2 6.2#

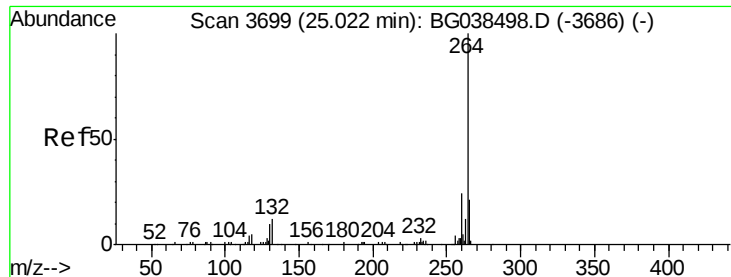


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

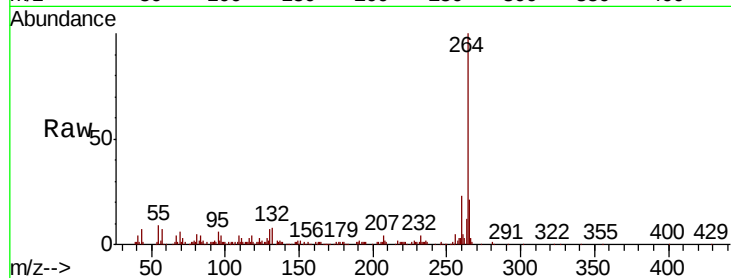




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038939.D
Acq: 4 Jan 2019 21:06

Instrument :
BNA_G
ClientSampleId :
HB-1319-WS

Tot Ion	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

