

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 00:30:46 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

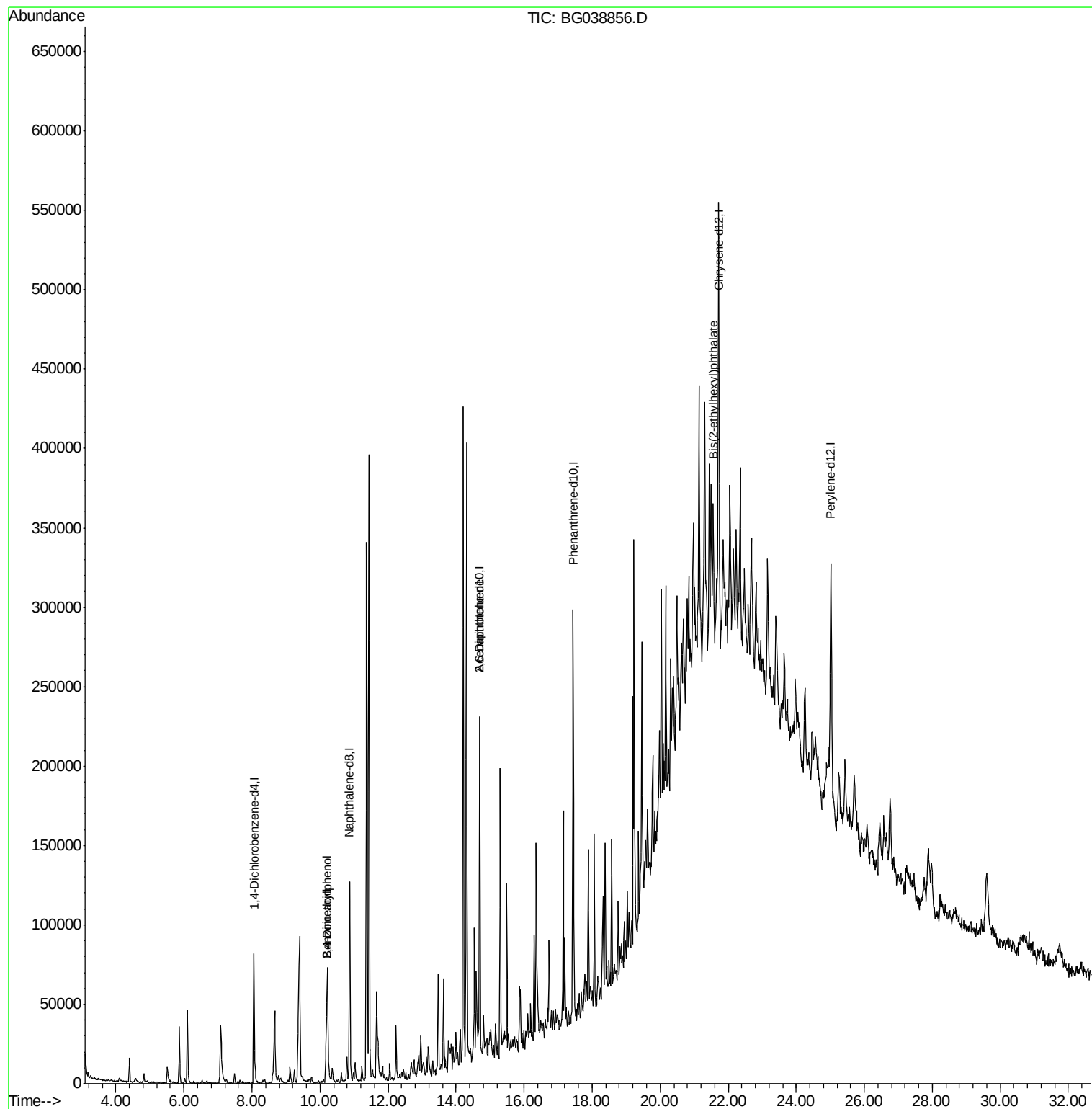
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) 2,4-Dimethylphenol	10.19	122	10142	6.317	ng	# 1
32) Benzoic acid	10.19	122	10142	18.004	ng	93
51) 2,6-Dinitrotoluene	14.69	165	9960	7.283	ng	# 22
84) Bis(2-ethylhexyl)phthalate	21.57	149	19970	3.308	ng	92

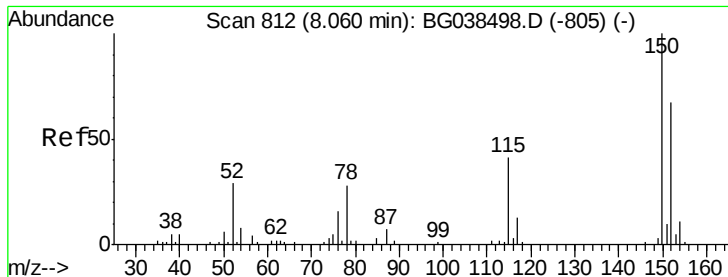
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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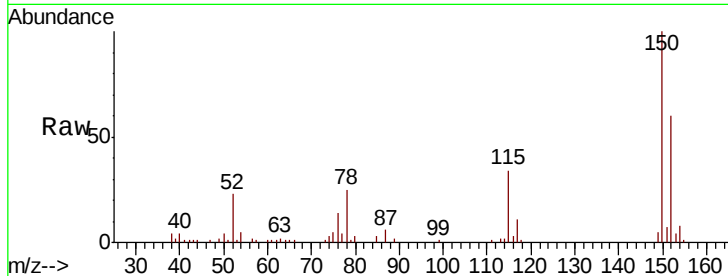


#1

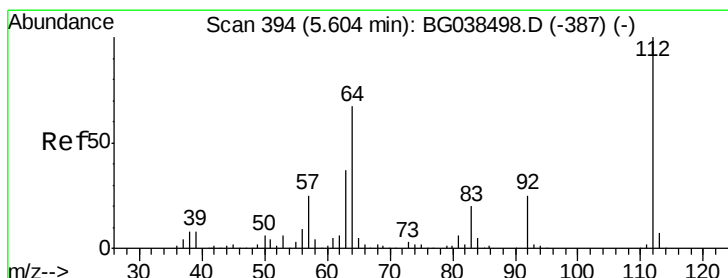
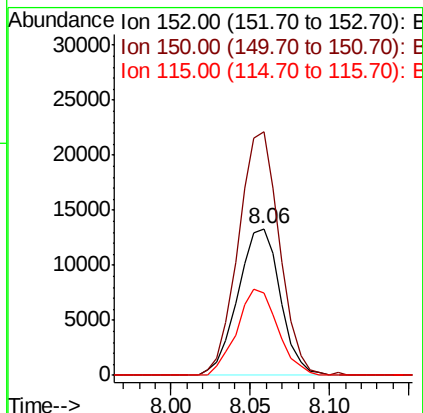
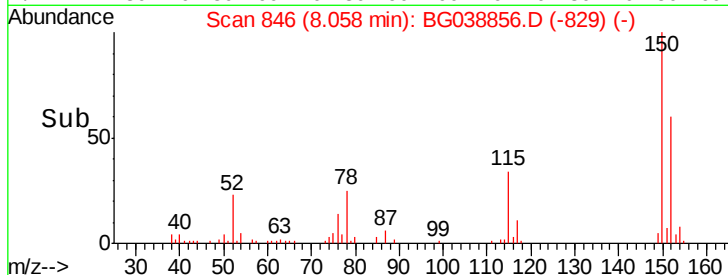
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038856.D
Acq: 27 Dec 2018 23:12

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



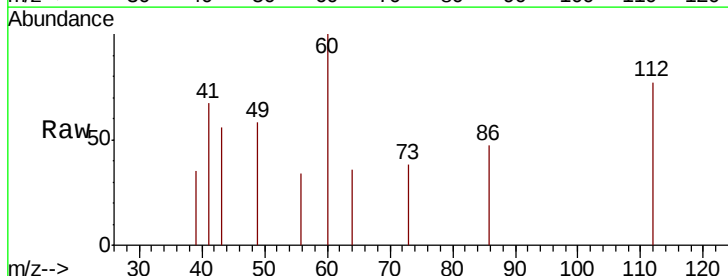
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



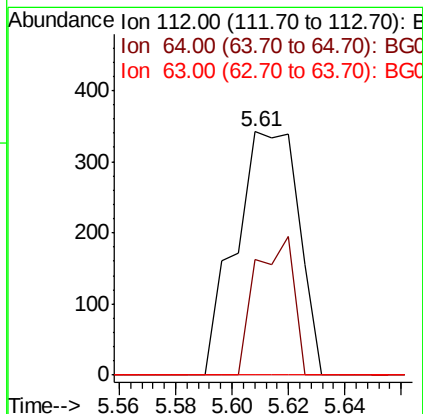
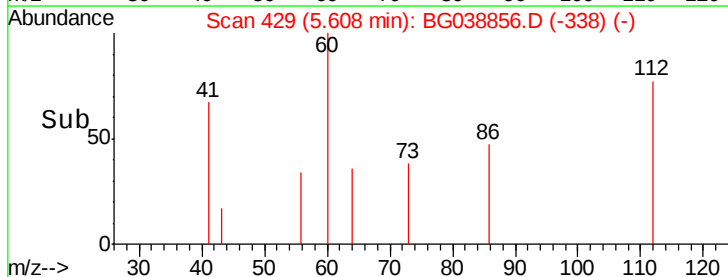
#5

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

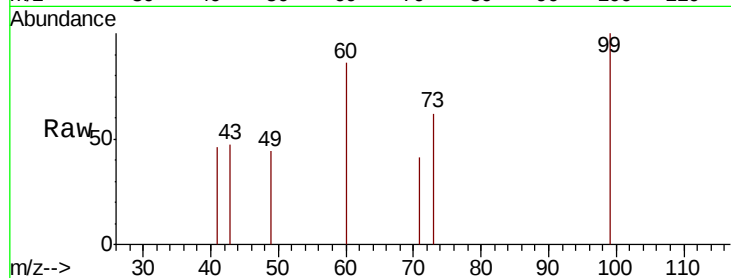
Tot Ion: 99 Resp: 457

Ion Ratio Lower Upper

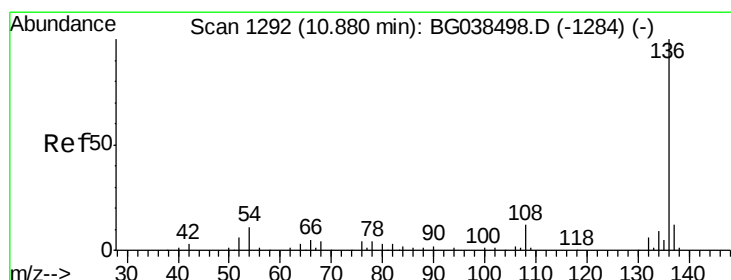
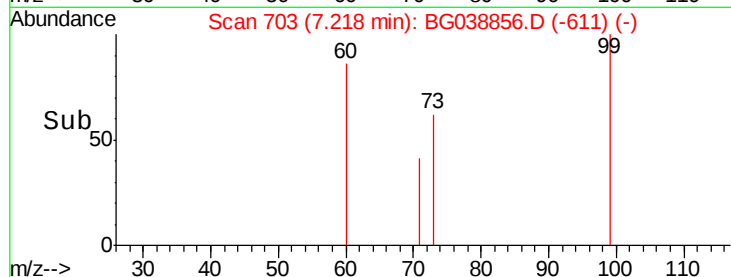
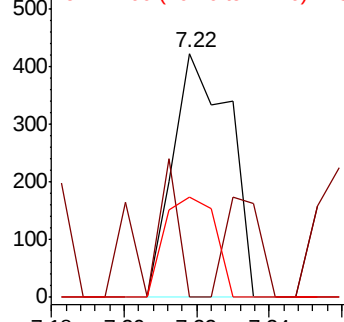
99 100

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

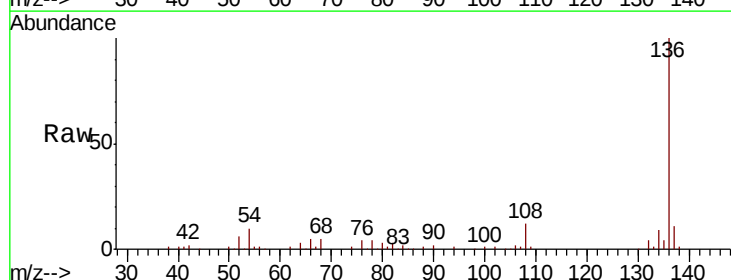
Ion Ratio Lower Upper

136 100

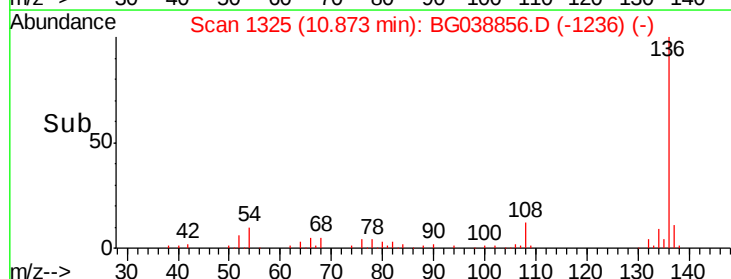
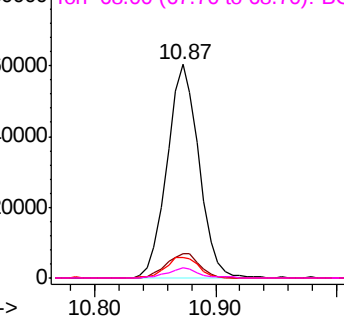
137 11.2 9.3 13.9

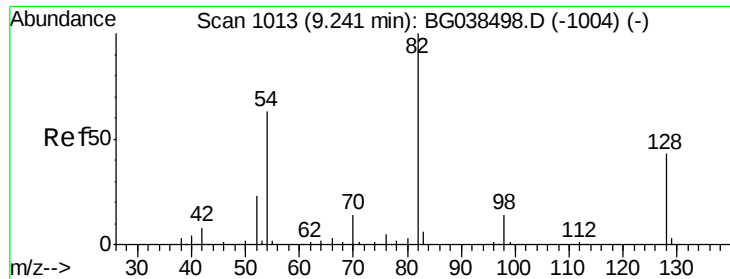
54 9.9 8.5 12.7

68 4.5 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): 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

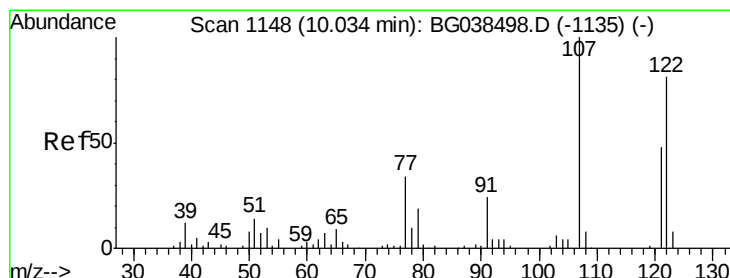
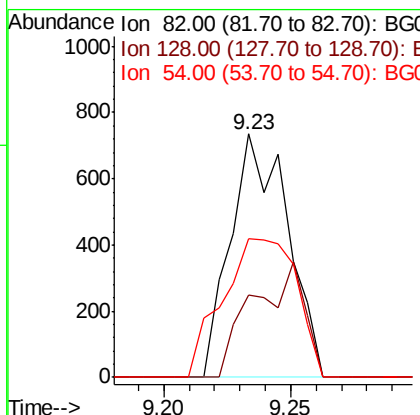
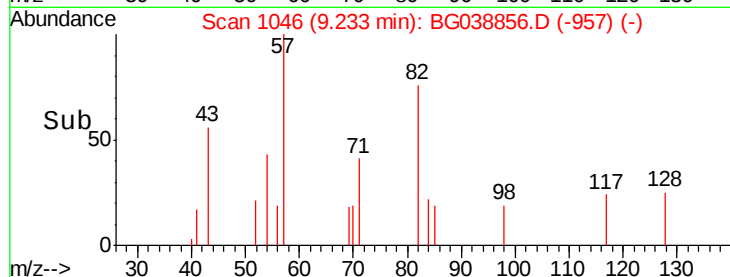
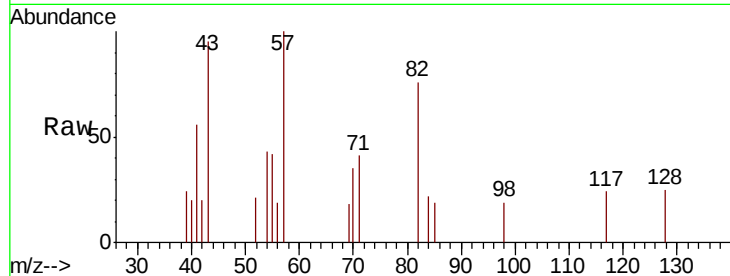




#23
Nitrobenzene-d5
Concen: 0.534 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038856.D
Acq: 27 Dec 2018 23:12

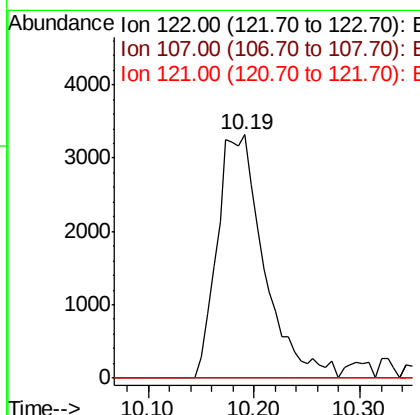
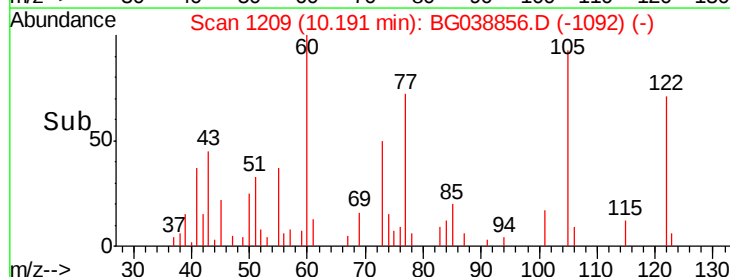
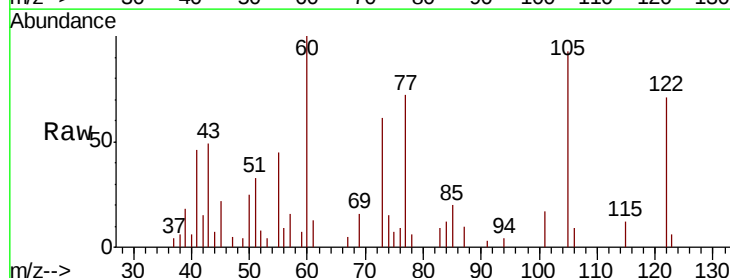
Instrument :
BNA_G
ClientSampleId :
SS-122618-A

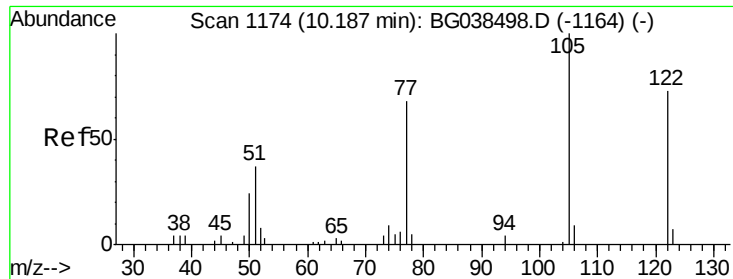
Tot Ion: 82 Resp: 1155
Ion Ratio Lower Upper
82 100
128 33.6 34.6 52.0#
54 56.9 50.6 76.0



#27
2,4-Dimethylphenol
Concen: 6.317 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.16 min
Lab File: BG038856.D
Acq: 27 Dec 2018 23:12

Tgt Ion:122 Resp: 10142
Ion Ratio Lower Upper
122 100
107 0.0 98.4 147.6#
121 0.0 47.2 70.8#

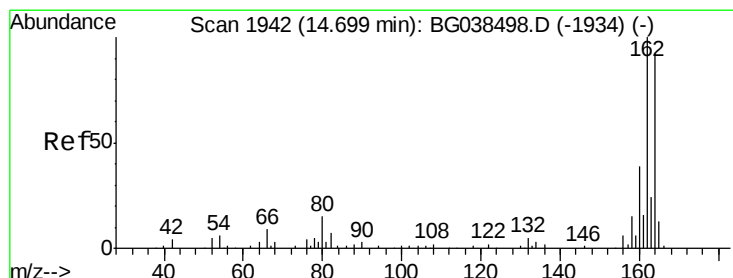
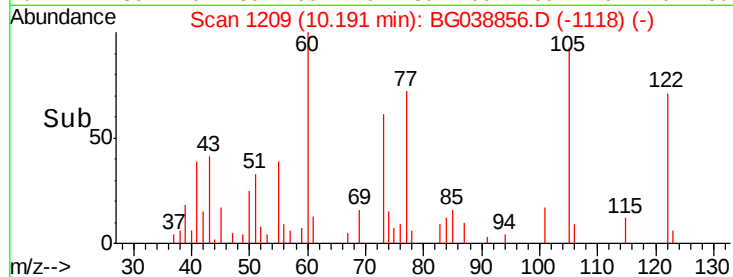
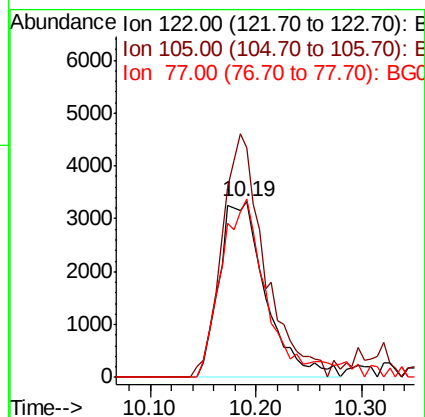
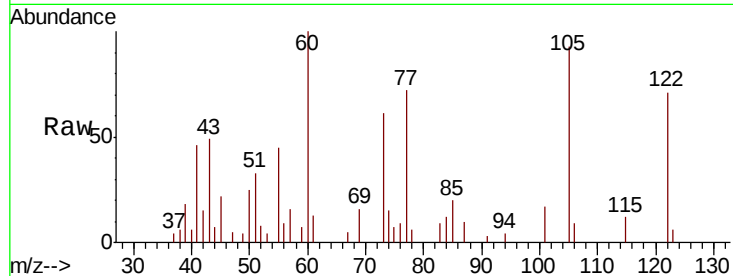




#32
Benzoic acid
Concen: 18.004 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038856.D
Acq: 27 Dec 2018 23:12

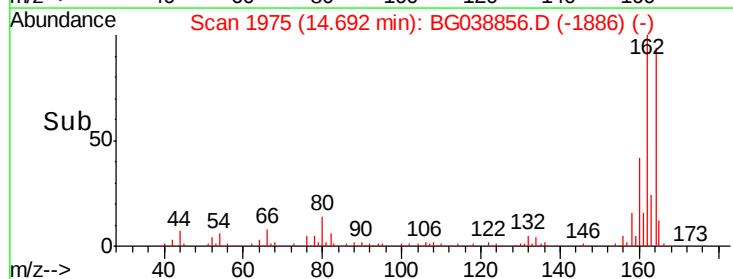
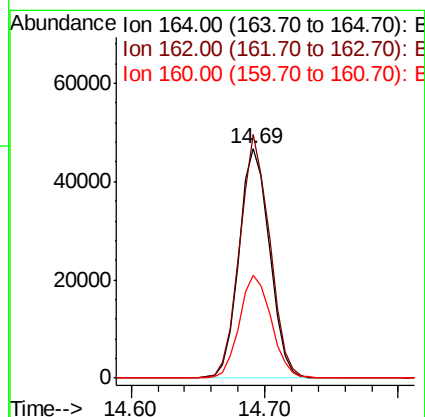
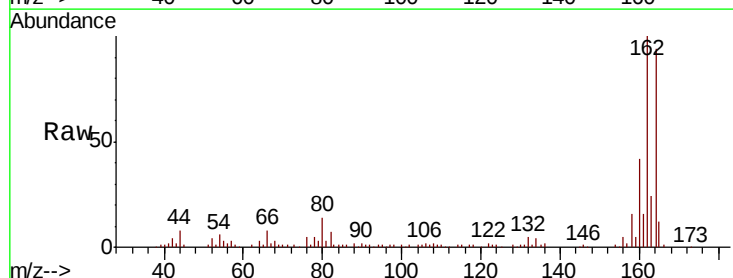
Instrument :
BNA_G
ClientSampleId :
SS-122618-A

Tot Ion:122 Resp: 10142
Ion Ratio Lower Upper
122 100
105 131.1 116.7 156.7
77 101.5 72.5 112.5



#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

Tgt Ion:164 Resp: 73897
Ion Ratio Lower Upper
164 100
162 106.3 86.6 130.0
160 44.7 34.2 51.2

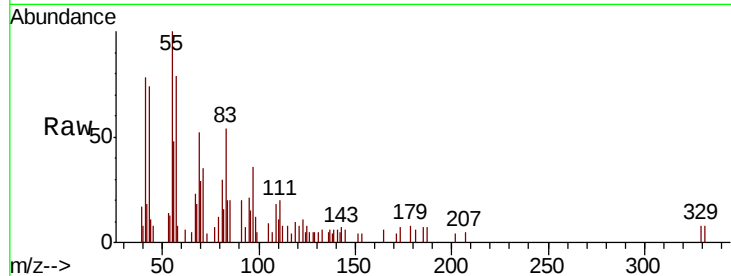




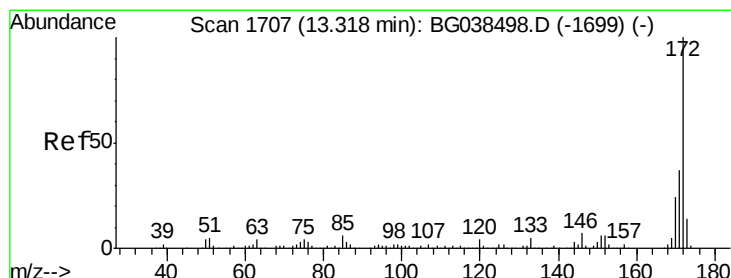
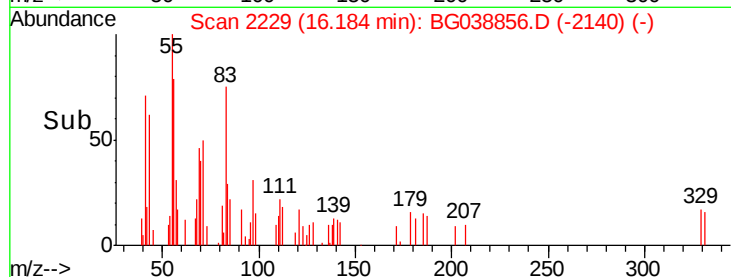
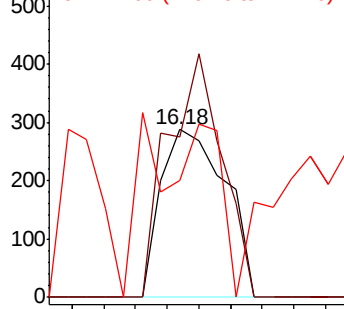
#42
 2,4,6-Tribromophenol
 Concen: 0.399 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 SS-122618-A

Tot Ion:330 Resp: 406
 Ion Ratio Lower Upper
 330 100
 332 121.9 76.9 115.3#
 141 111.1 28.8 43.2#

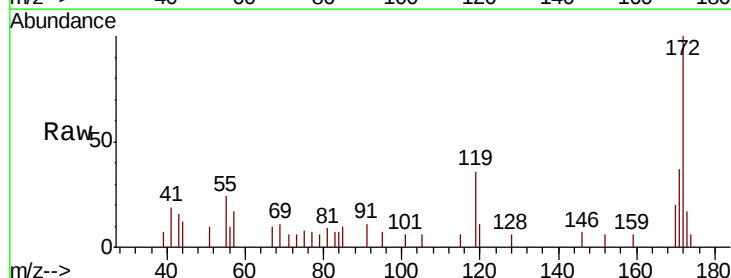


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

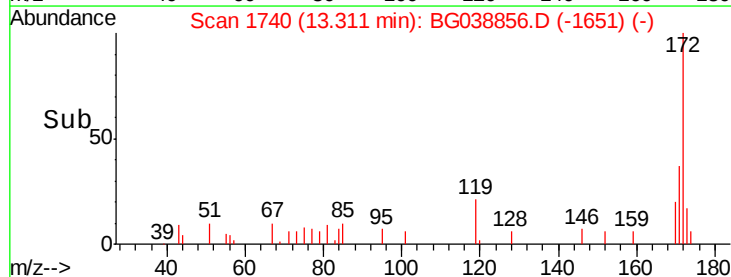
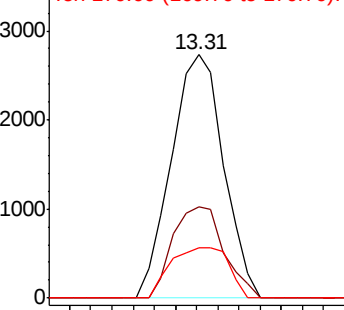


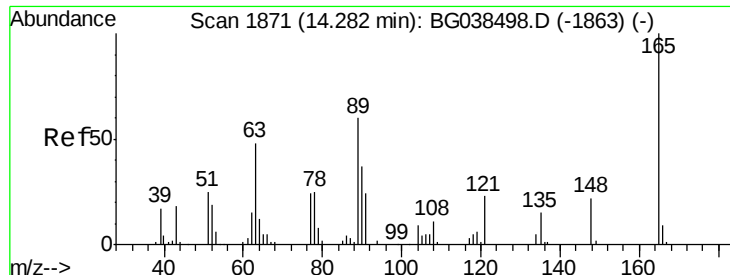
#45
 2-Fluorobiphenyl
 Concen: 0.870 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Tgt 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

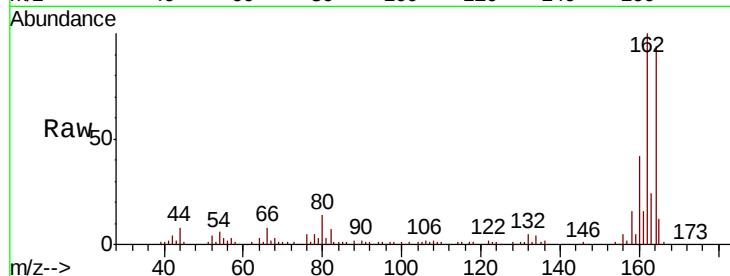




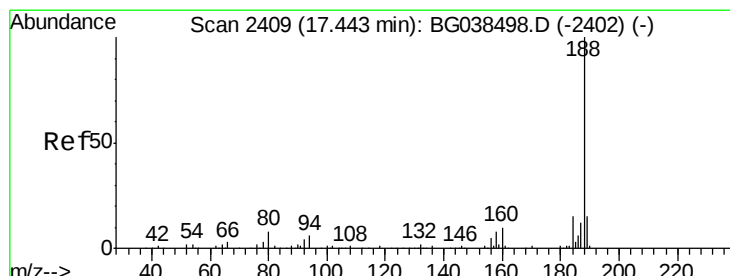
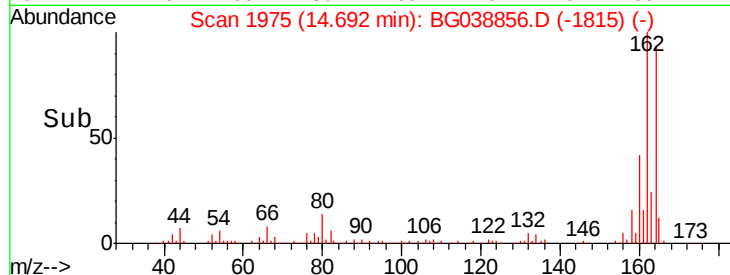
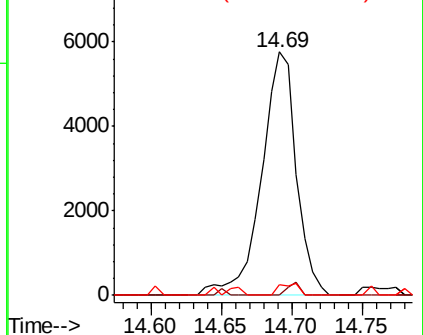
#51
 2,6-Dinitrotoluene
 Concen: 7.283 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 SS-122618-A

Tot Ion:165 Resp: 9960
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 4.3 47.9 71.9#

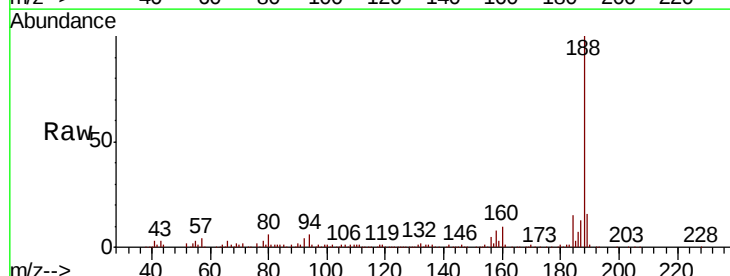


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

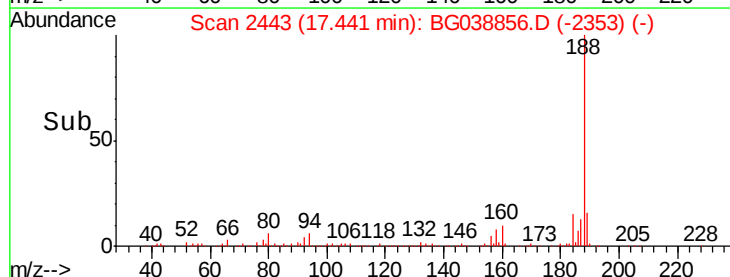
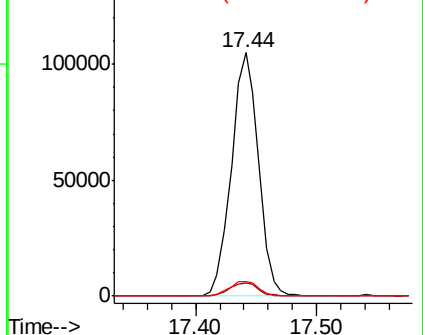


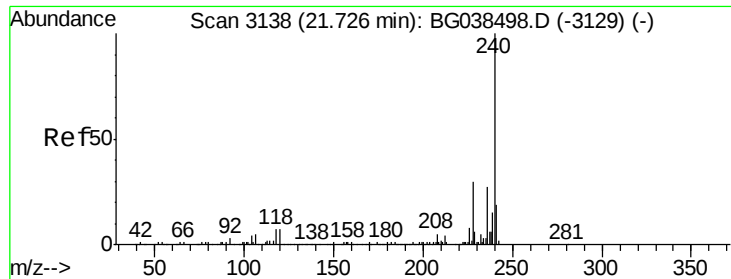
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

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

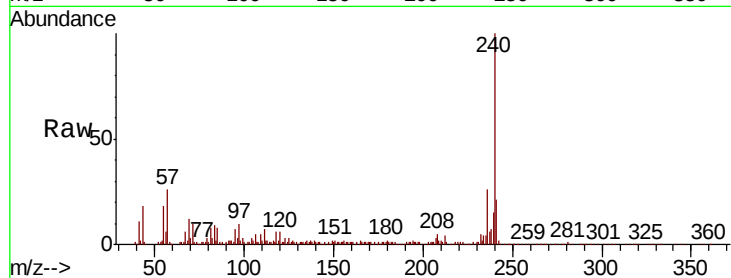




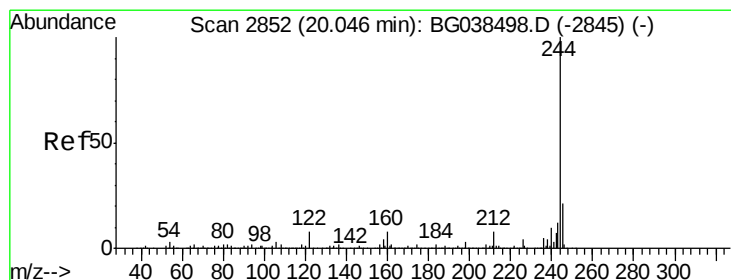
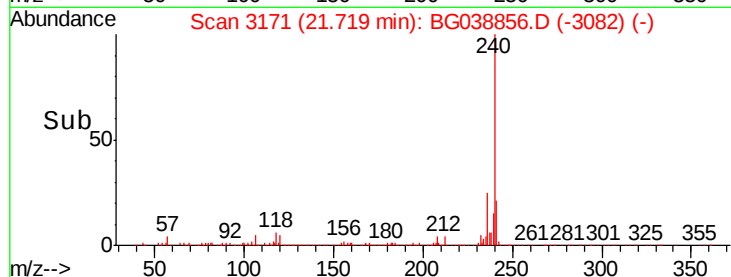
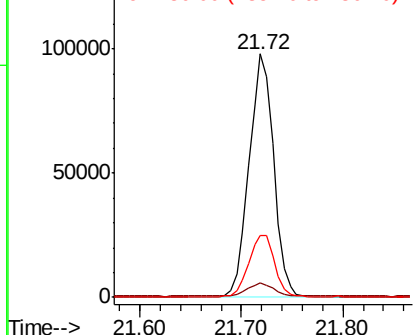
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

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

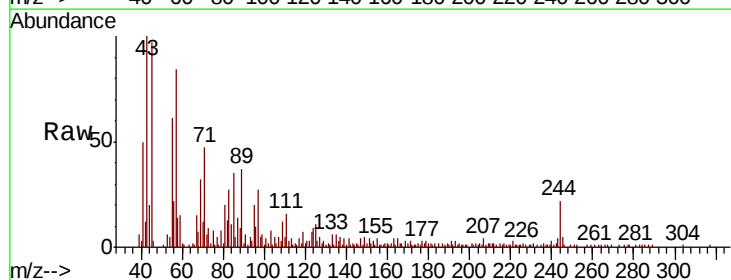


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

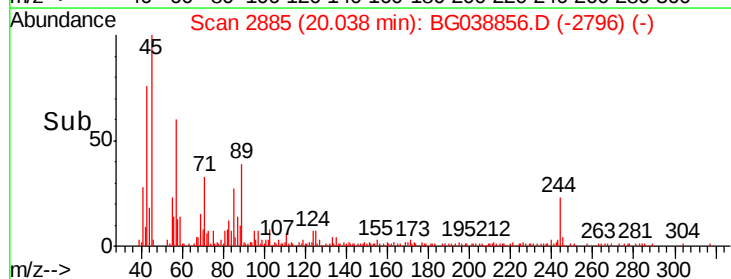
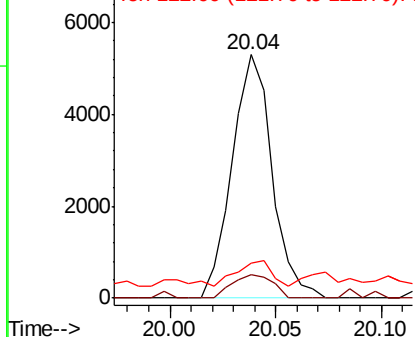


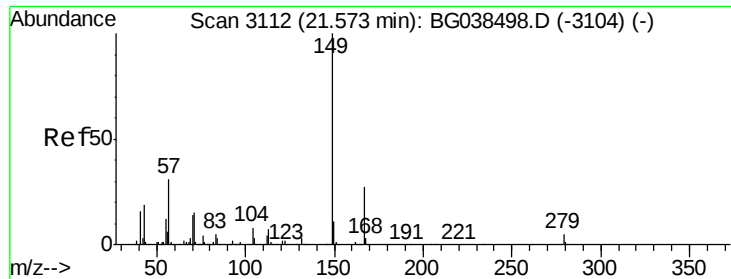
#79
 Terphenyl-d14
 Concen: 0.915 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

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

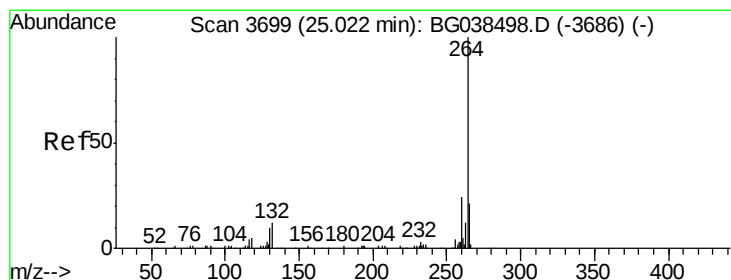
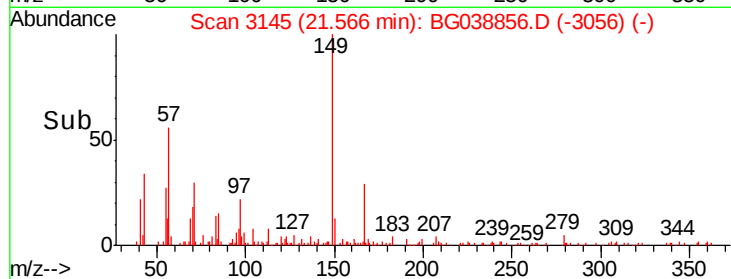
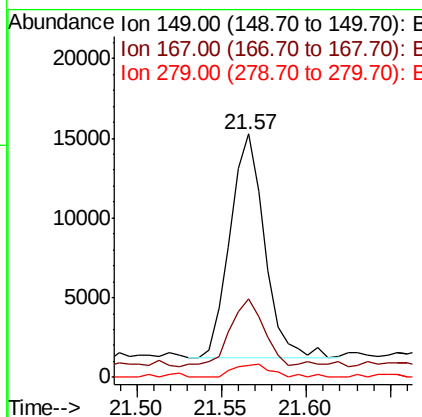
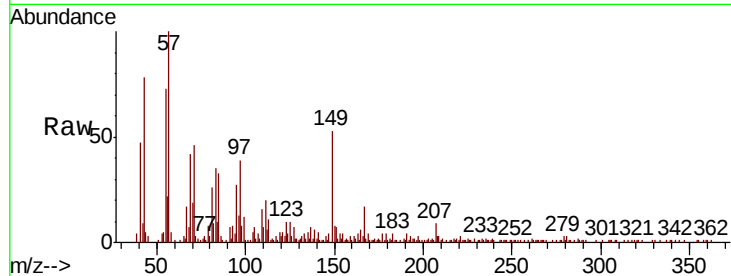




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.308 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038856.D
 Acq: 27 Dec 2018 23:12

Instrument :
 BNA_G
 ClientSampleId :
 SS-122618-A

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.5	21.9	32.9
279	4.8	4.2	6.2



#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	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.2	17.0	25.4

