

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038545.D
 Acq On : 13 Dec 2018 23:19
 Operator : JU/SJ
 Sample : J6347-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01

Quant Time: Dec 14 00:47:04 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

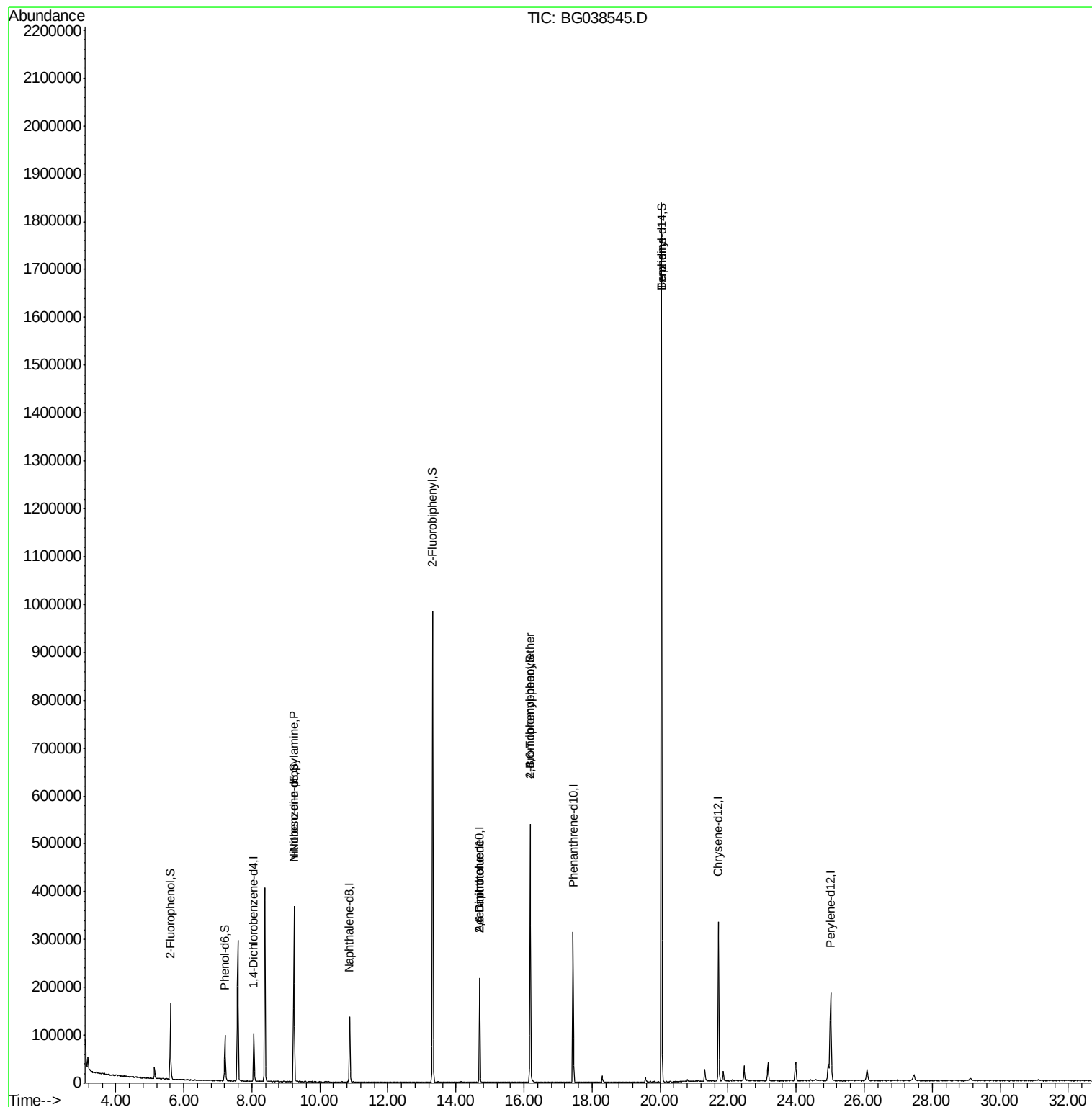
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29372	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	117632	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	78709	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	203181	20.00	ng	0.00
76) Chrysene-d12	21.72	240	208734	20.00	ng	0.00
87) Perylene-d12	25.01	264	218682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69122	41.74	ng	0.00
7) Phenol-d6	7.21	99	56415	24.82	ng	0.00
23) Nitrobenzene-d5	9.24	82	222749	96.74	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	108628	100.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	523590	91.26	ng	0.00
79) Terphenyl-d14	20.04	244	916379	95.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	30393	19.035	ng	# 62
51) 2,6-Dinitrotoluene	14.70	165	9985	6.855	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	9985	4.867	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7294	2.939	ng	# 1
77) Benzidine	20.04	184	17015	2.756	ng	# 92

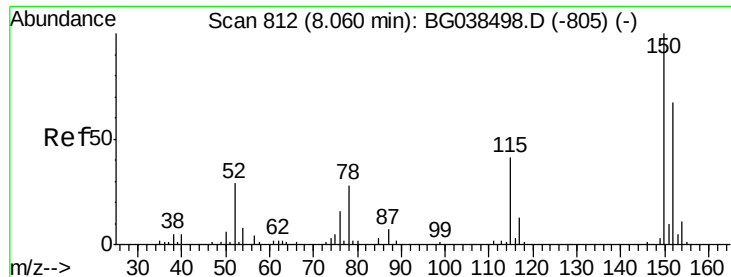
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01

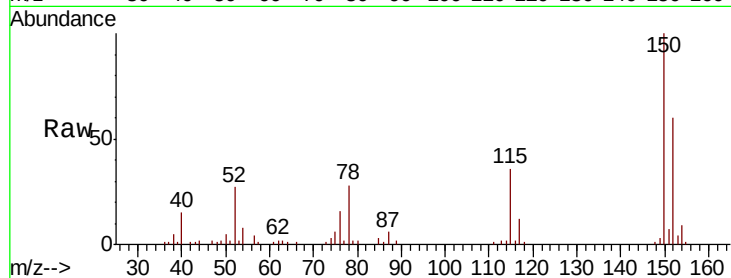
Tgt Ion:152 Resp: 29372

Ion Ratio Lower Upper

152 100

150 167.6 119.5 179.3

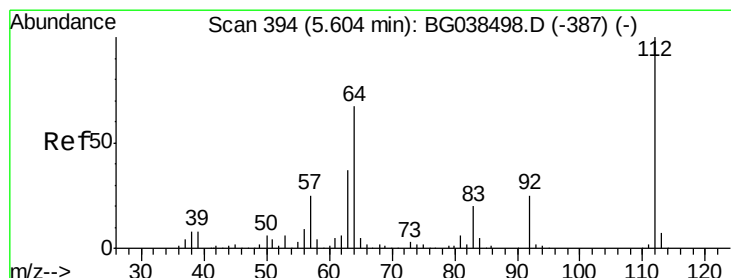
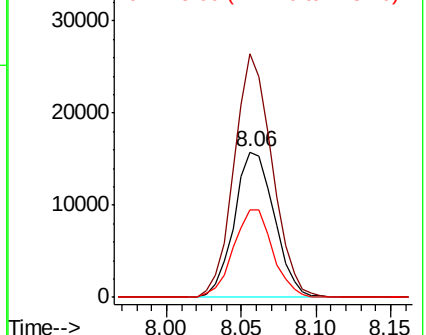
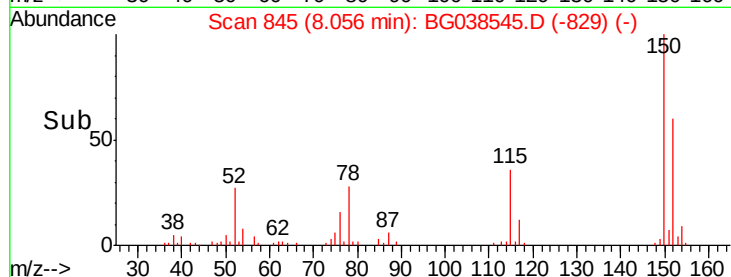
115 60.0 49.6 74.4



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: 41.740 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

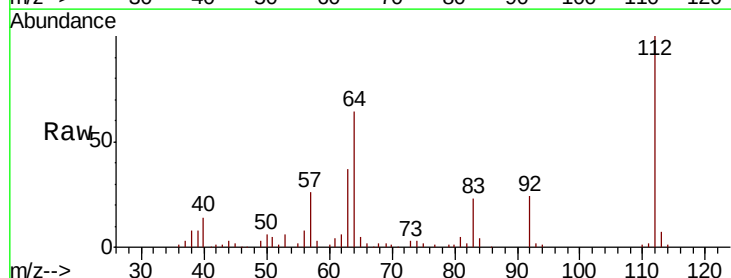
Tgt Ion:112 Resp: 69122

Ion Ratio Lower Upper

112 100

64 64.4 53.4 80.2

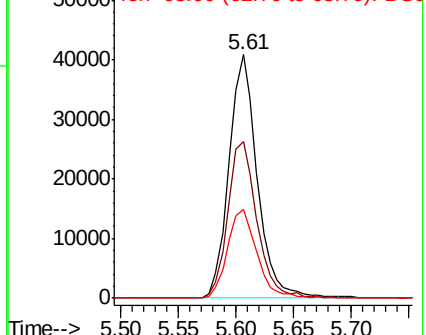
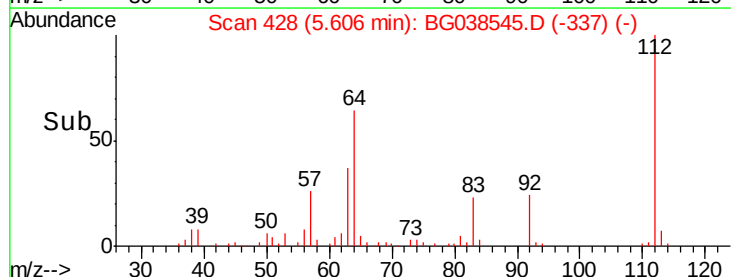
63 36.6 29.3 43.9

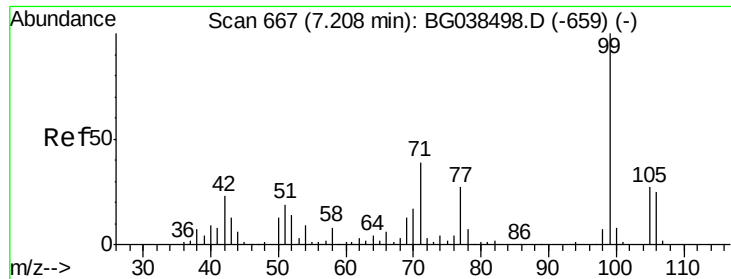


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.815 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01

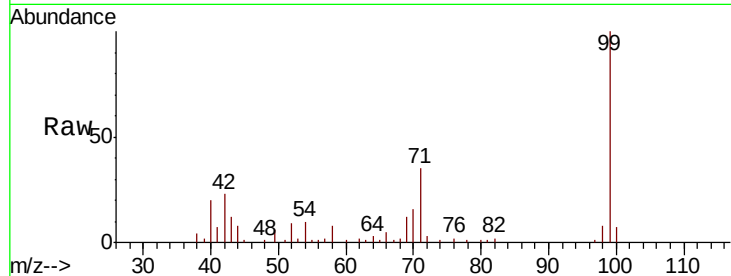
Tgt Ion: 99 Resp: 56415

Ion Ratio Lower Upper

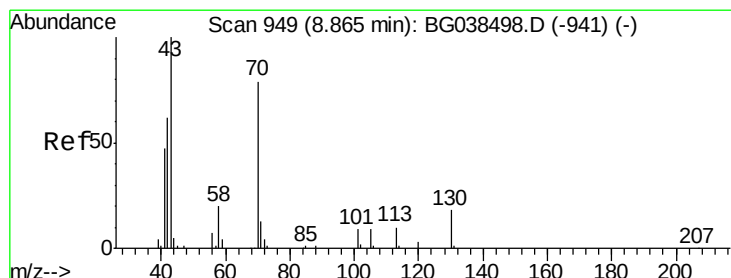
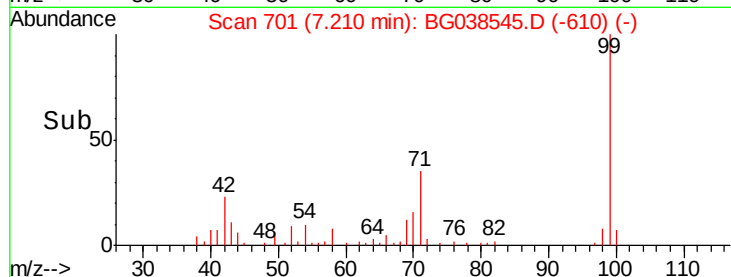
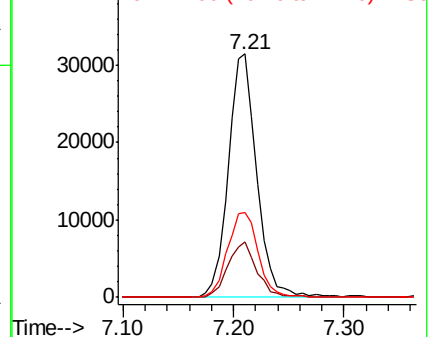
99 100

42 22.6 18.5 27.7

71 34.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.035 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

Tgt Ion: 70 Resp: 30393

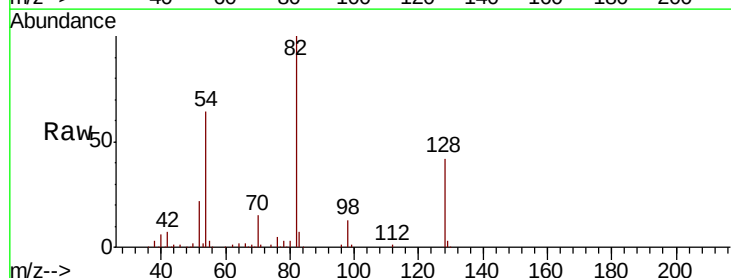
Ion Ratio Lower Upper

70 100

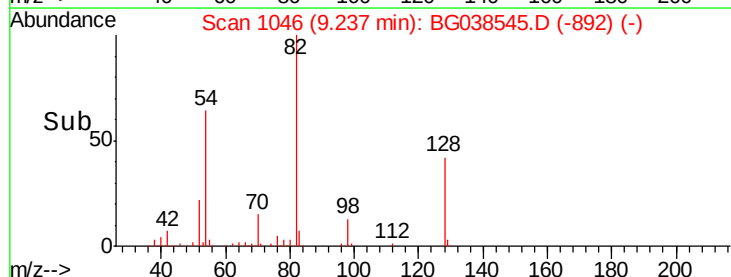
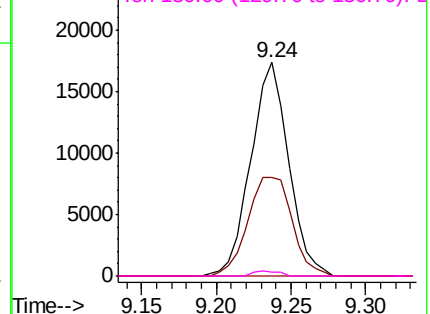
42 46.4 63.6 95.4#

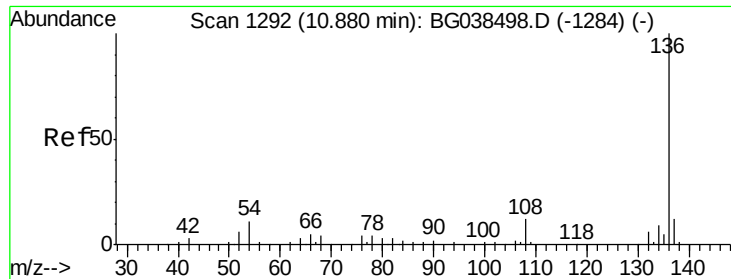
101 0.0 9.2 13.8#

130 2.1 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

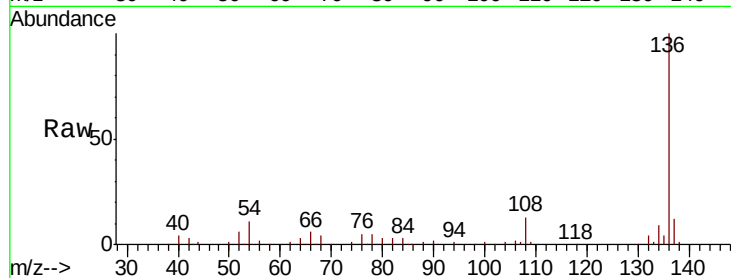




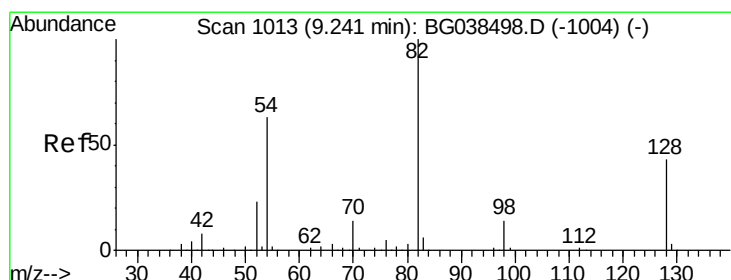
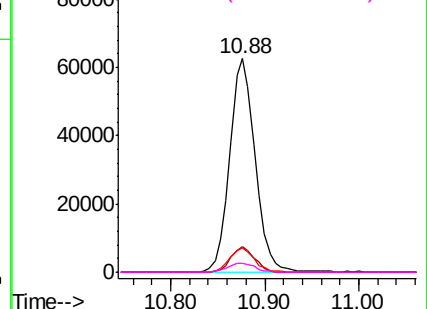
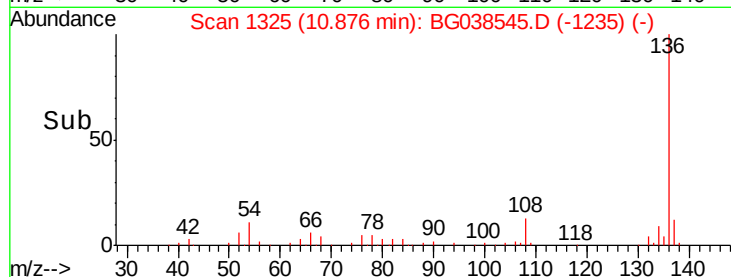
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038545.D
Acq: 13 Dec 2018 23:19

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01

Tgt Ion:	136	Resp:	117632
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	11.3	8.5	12.7
68	4.4	3.5	5.3

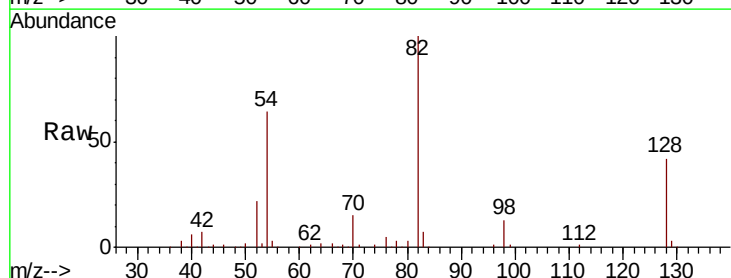


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

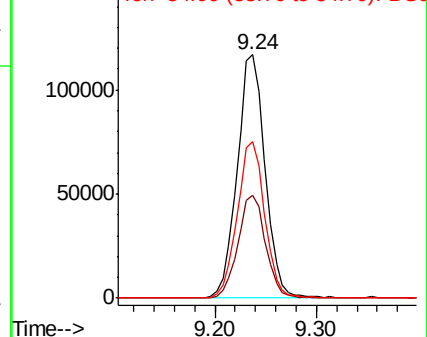
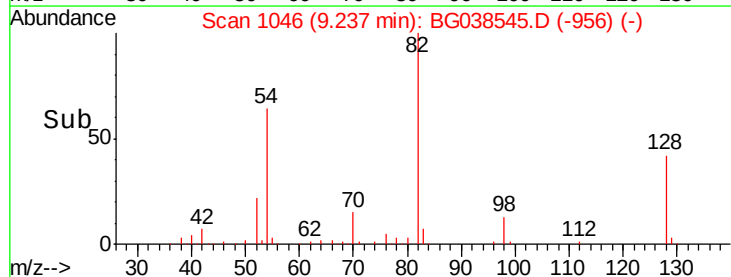


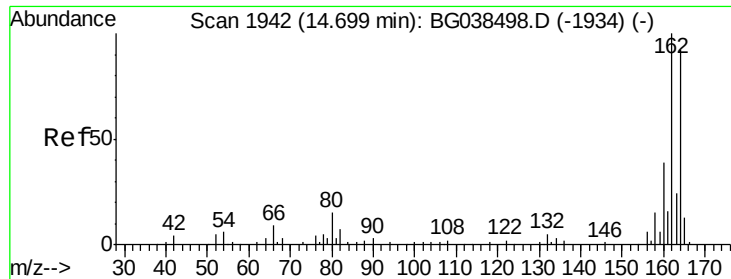
#23
Nitrobenzene-d5
Concen: 96.739 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038545.D
Acq: 13 Dec 2018 23:19

Tgt Ion:	82	Resp:	222749
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	64.4	50.6	76.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01

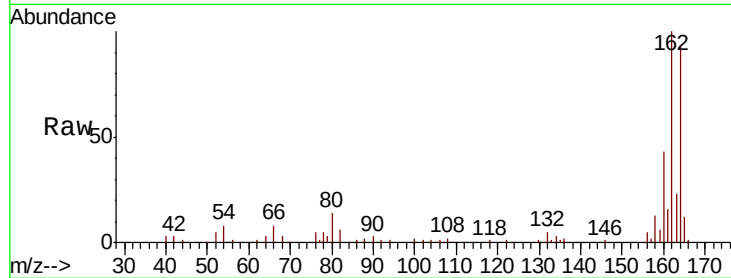
Tgt Ion:164 Resp: 78709

Ion Ratio Lower Upper

164 100

162 107.0 86.6 130.0

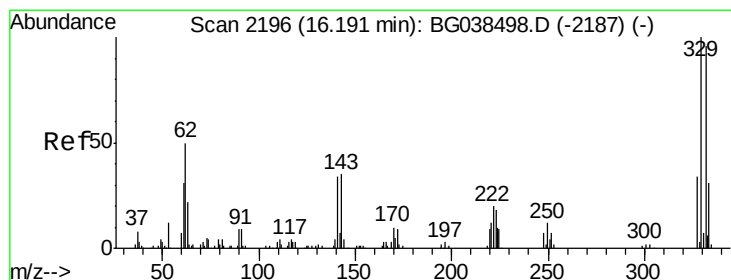
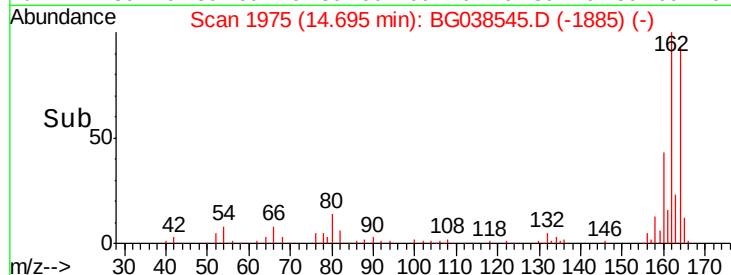
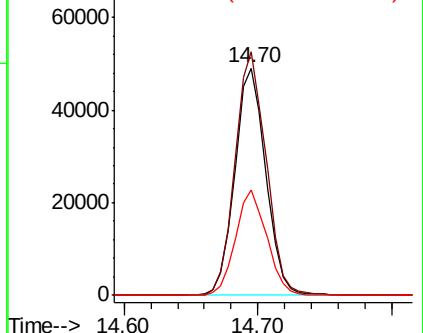
160 46.3 34.2 51.2



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: 100.141 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

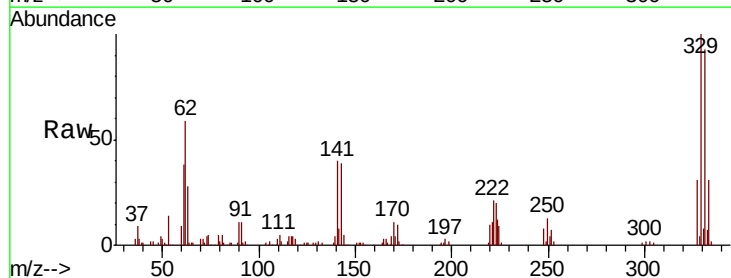
Tgt Ion:330 Resp: 108628

Ion Ratio Lower Upper

330 100

332 93.2 76.9 115.3

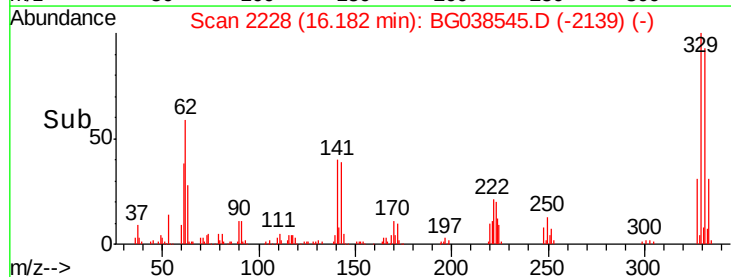
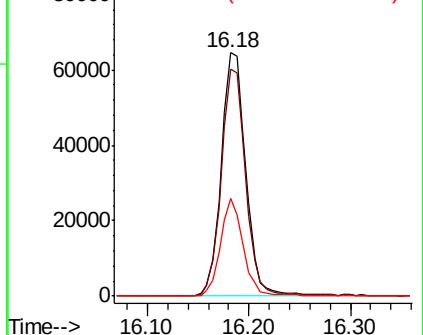
141 37.1 28.8 43.2

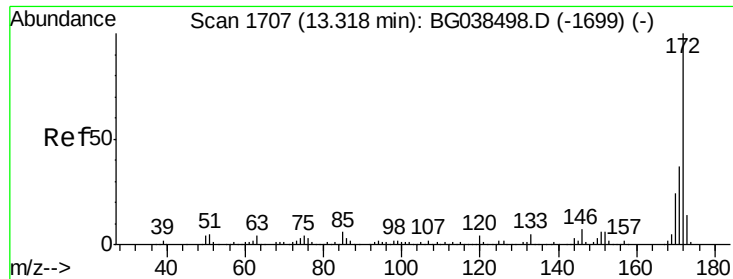


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

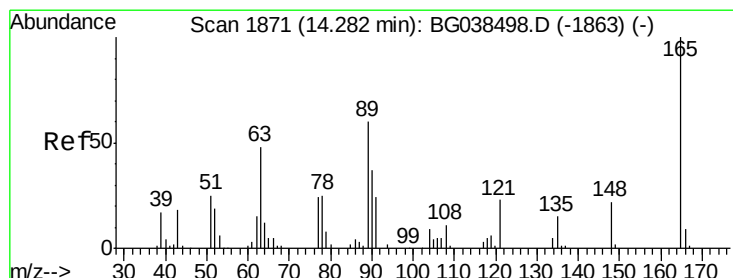
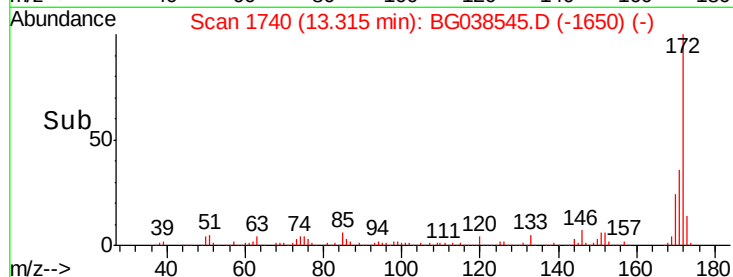
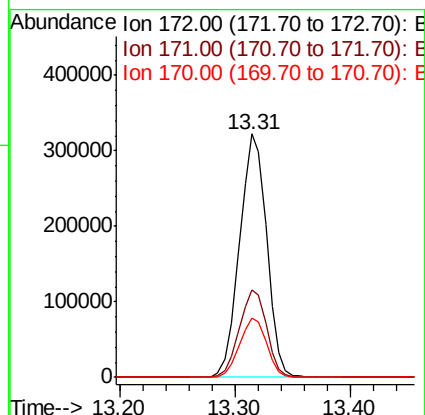
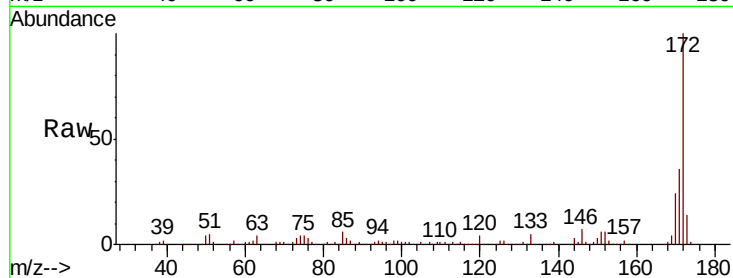




#45
 2-Fluorobiphenyl
 Concen: 91.258 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038545.D
 Acq: 13 Dec 2018 23:19

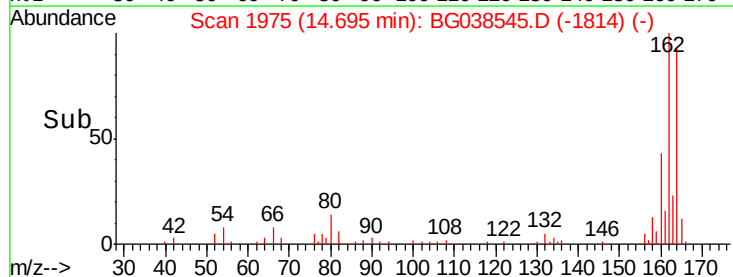
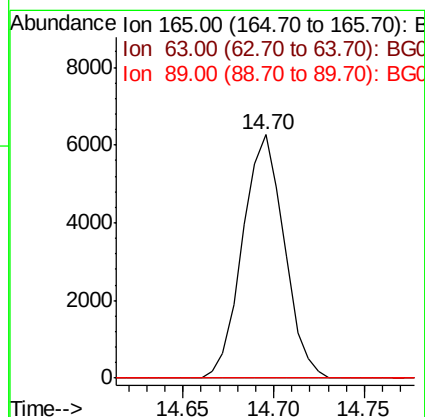
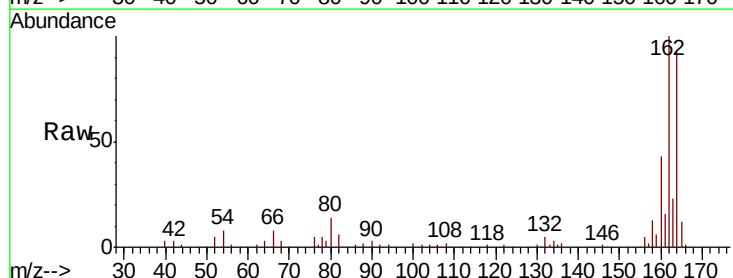
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 P001-TW001-01

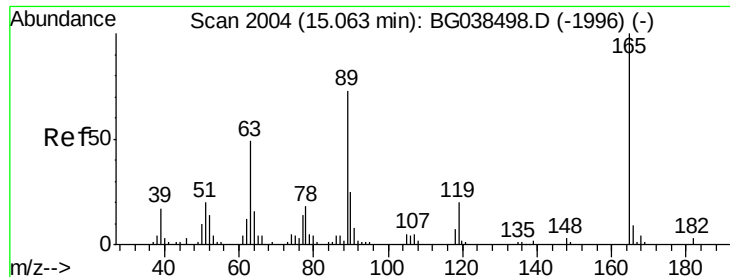
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.4	19.5	29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.855 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038545.D
 Acq: 13 Dec 2018 23:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

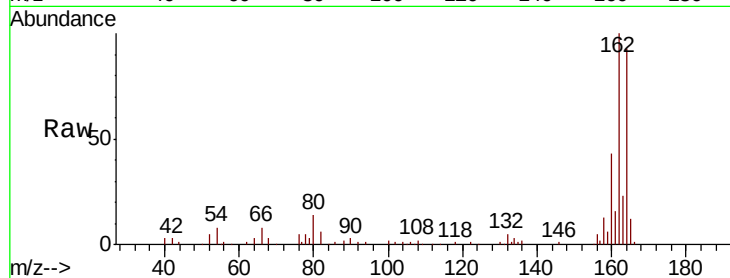




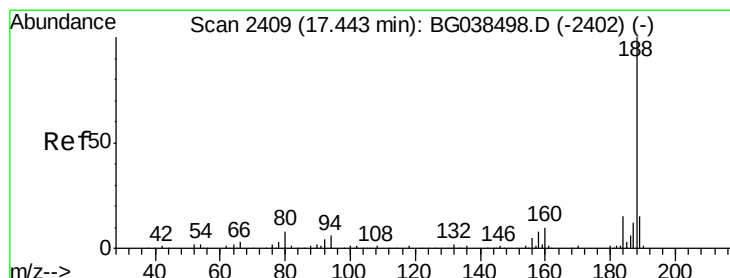
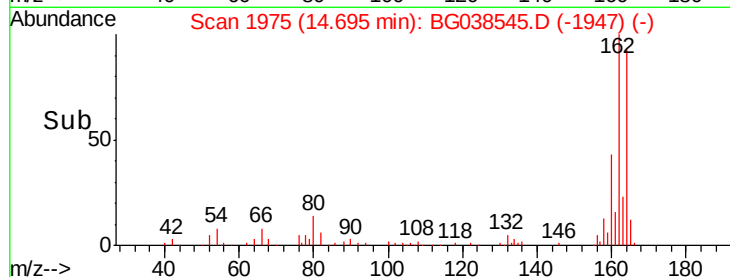
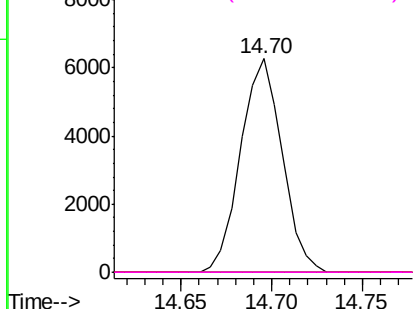
#57
 2,4-Dinitrotoluene
 Concen: 4.867 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038545.D
 Acq: 13 Dec 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01

Tgt Ion:	165	Resp:	9985
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

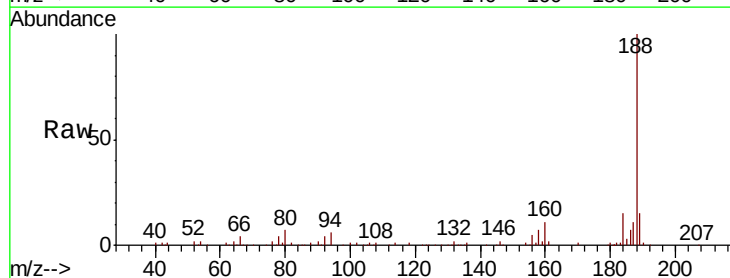


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

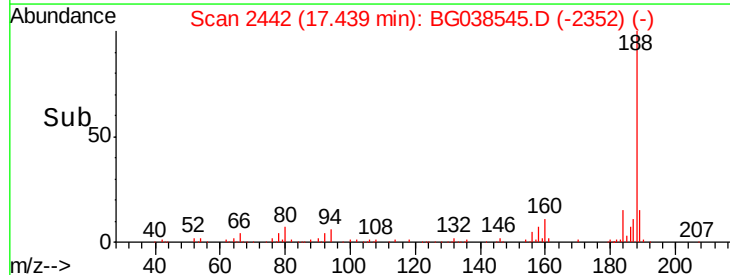
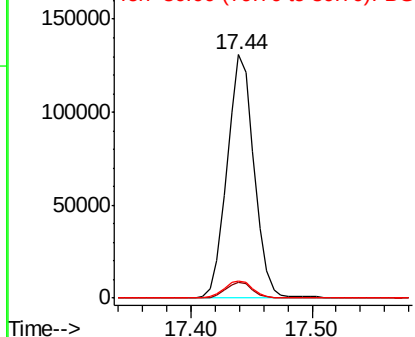


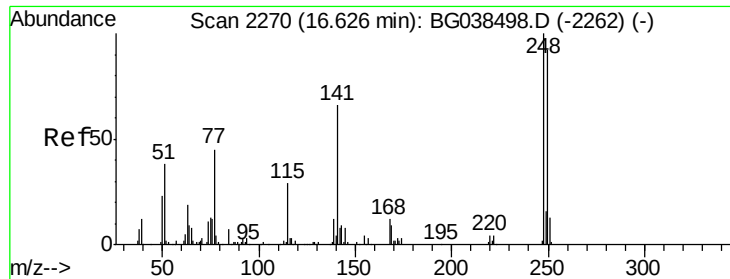
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038545.D
 Acq: 13 Dec 2018 23:19

Tgt Ion:	188	Resp:	203181
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	7.3	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

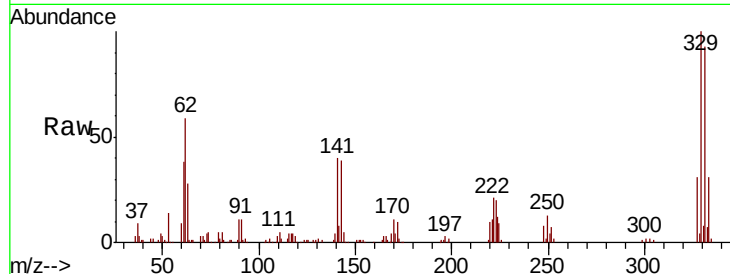




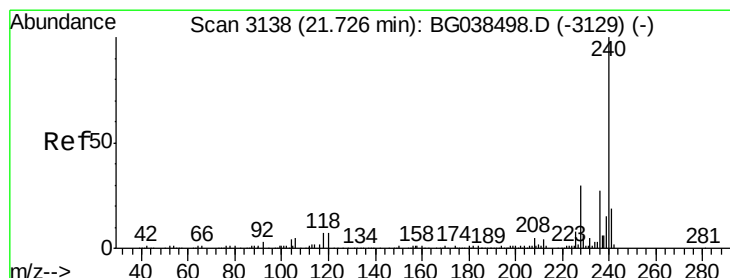
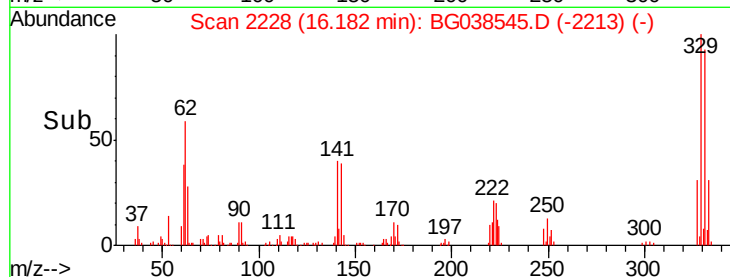
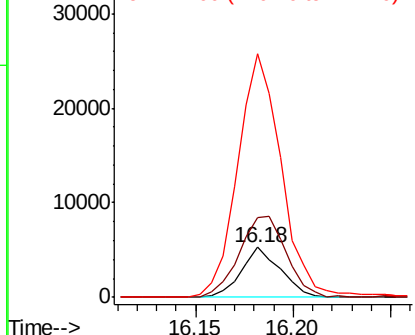
#67
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.44 min
Lab File: BG038545.D
Acq: 13 Dec 2018 23:19

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01

Tgt Ion:248 Resp: 7294
Ion Ratio Lower Upper
248 100
250 162.0 73.4 110.2#
141 376.5 52.9 79.3#

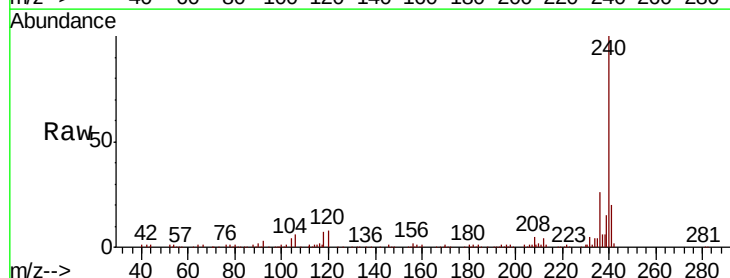


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

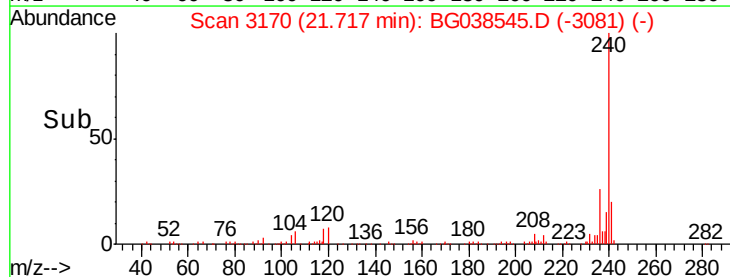
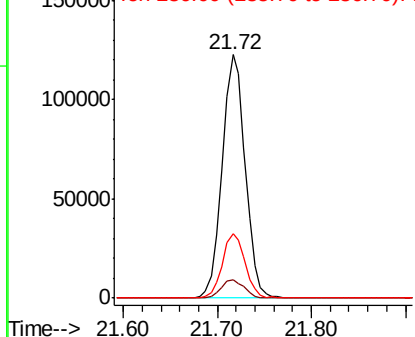


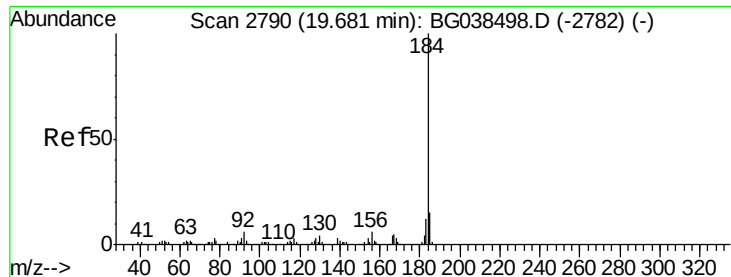
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038545.D
Acq: 13 Dec 2018 23:19

Tgt Ion:240 Resp: 208734
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 26.5 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





#77

Benzidine

Concen: 2.756 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01

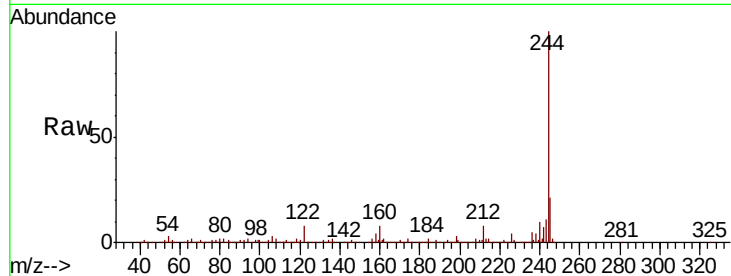
Tgt Ion:184 Resp: 17015

Ion Ratio Lower Upper

184 100

185 17.2 12.2 18.2

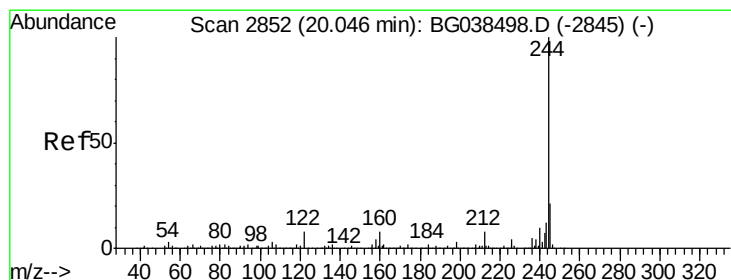
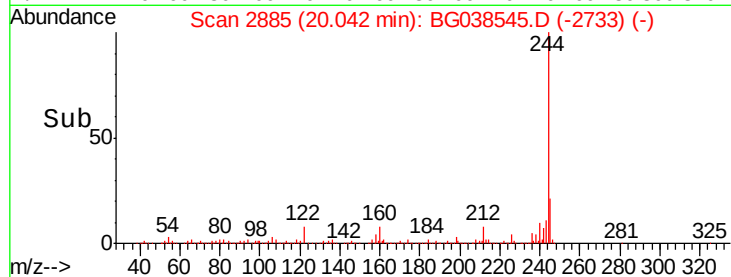
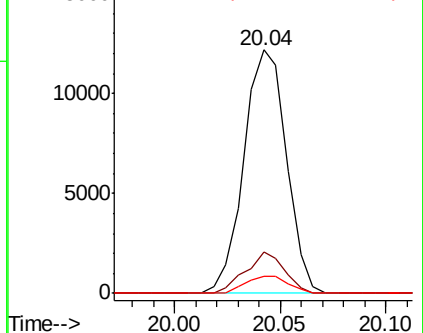
183 7.0 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 95.545 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038545.D

Acq: 13 Dec 2018 23:19

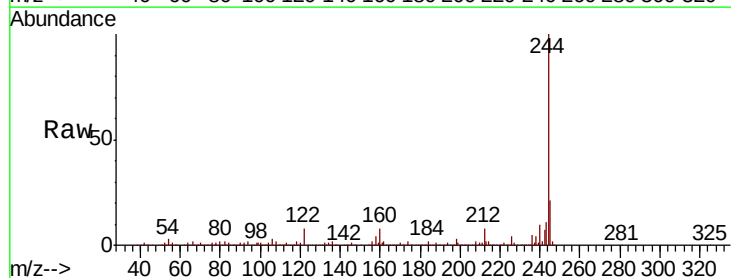
Tgt Ion:244 Resp: 916379

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

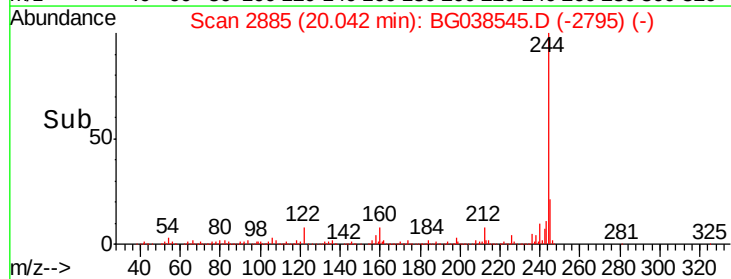
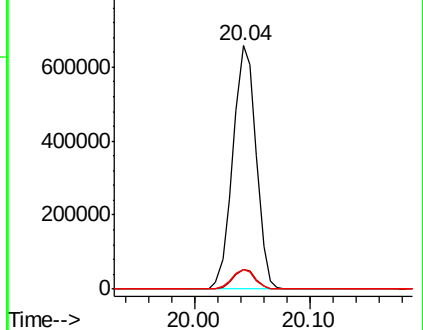
122 8.0 6.3 9.5

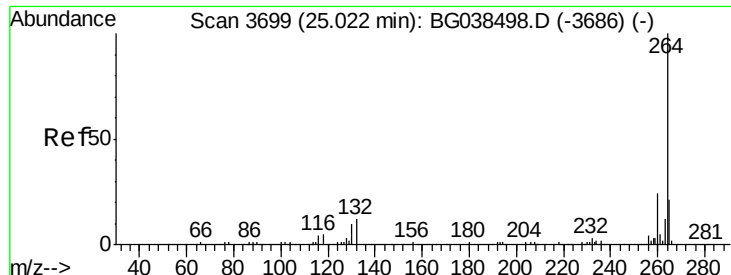


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038545.D
Acq: 13 Dec 2018 23:19

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	22.6	17.0	25.4

