

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038676.D
 Acq On : 18 Dec 2018 00:19
 Operator : JU/SJ
 Sample : J6378-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD008-0006-01

Quant Time: Dec 18 03:45:50 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

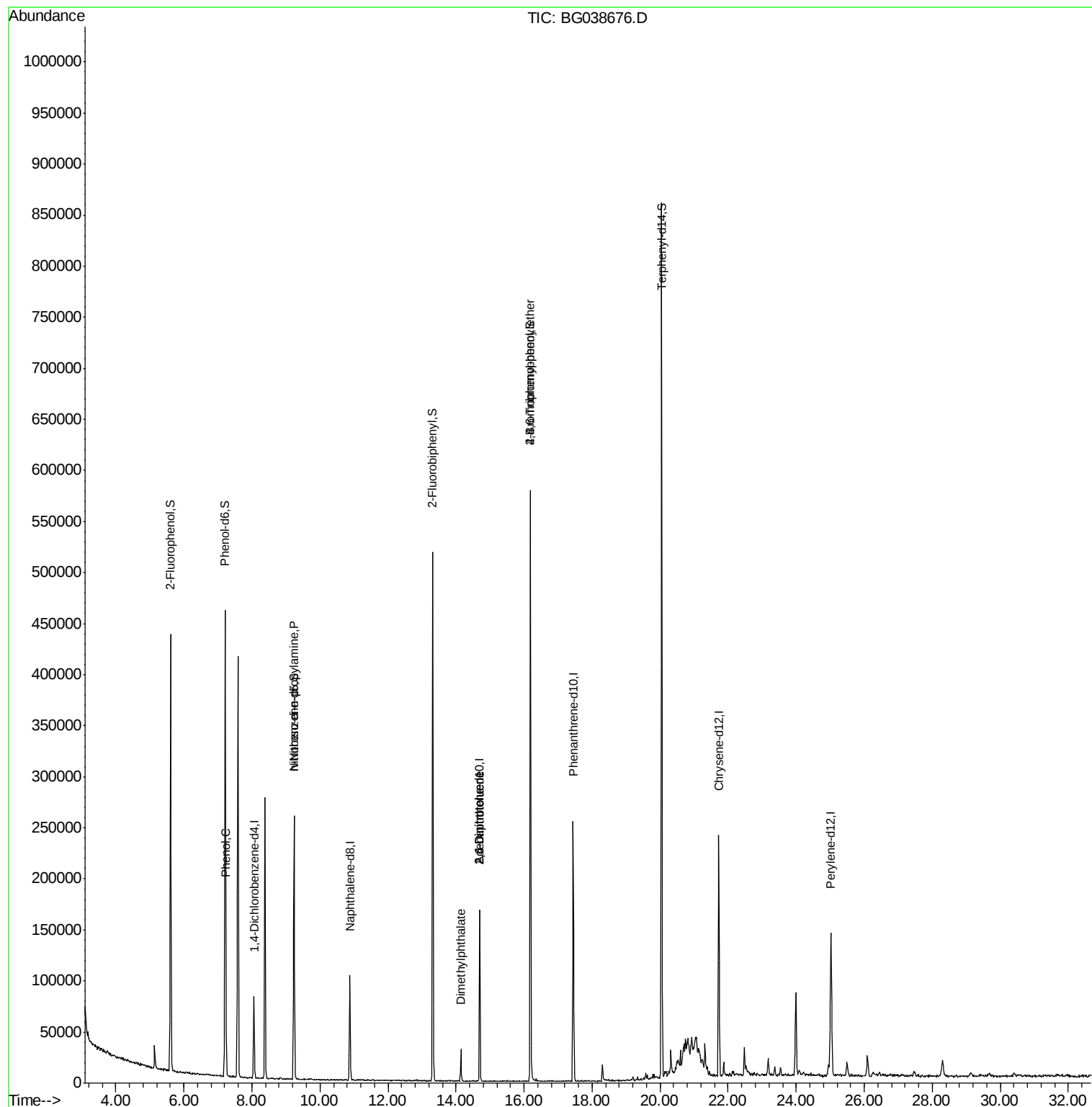
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22116	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91632	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61847	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160749	20.00	ng	0.00
76) Chrysene-d12	21.73	240	146876	20.00	ng	0.00
87) Perylene-d12	25.02	264	168206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176798	141.79	ng	0.00
7) Phenol-d6	7.21	99	243312	142.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	154617	86.20	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	111388	130.68	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	282849	62.74	ng	0.00
79) Terphenyl-d14	20.05	244	420441	62.30	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14067	7.735	ng	87
19) n-Nitroso-di-n-propylamine	9.23	70	20600	17.134	ng	# 72
50) Dimethylphthalate	14.14	163	24041	4.760	ng	97
51) 2,6-Dinitrotoluene	14.69	165	8048	7.032	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8048	4.992	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	7066	3.599	ng	# 1

(#) = 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: BG038676.D

Acq: 18 Dec 2018 00:19

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P001-SD008-0006-01

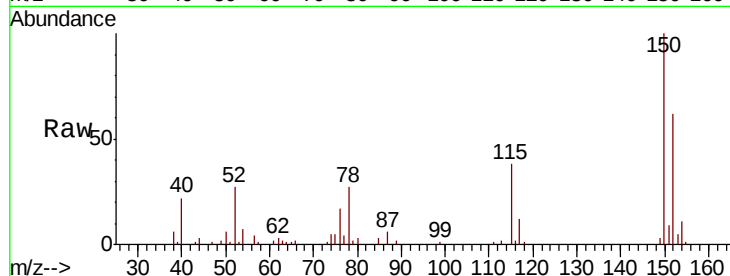
Tgt Ion:152 Resp: 22116

Ion Ratio Lower Upper

152 100

150 162.0 119.5 179.3

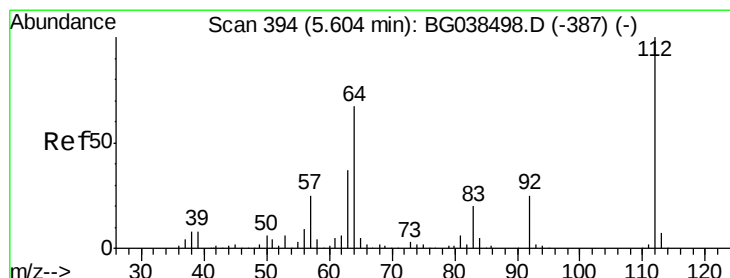
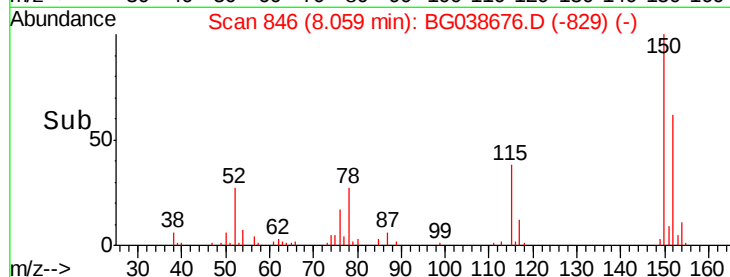
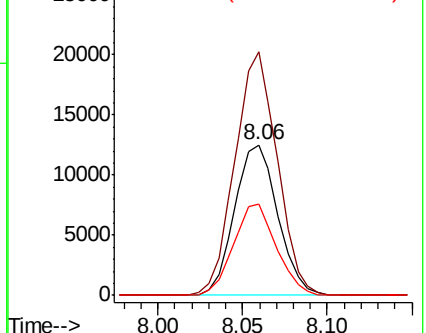
115 60.8 49.6 74.4



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: 141.788 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

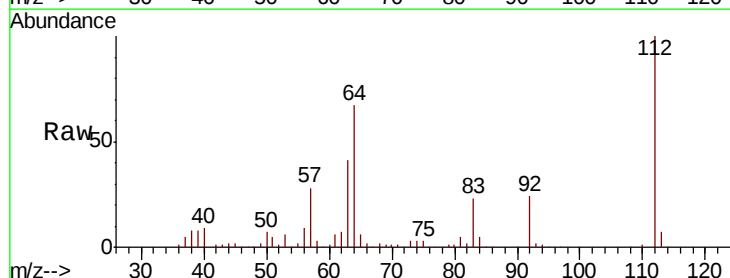
Tgt Ion:112 Resp: 176798

Ion Ratio Lower Upper

112 100

64 67.2 53.4 80.2

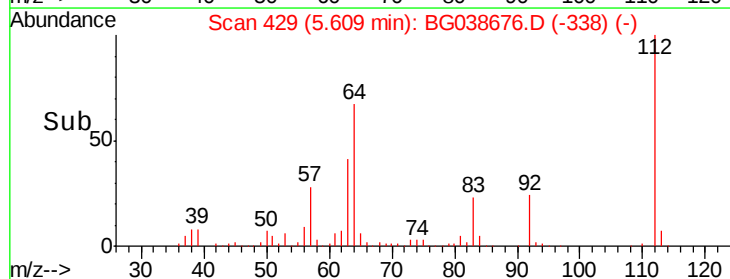
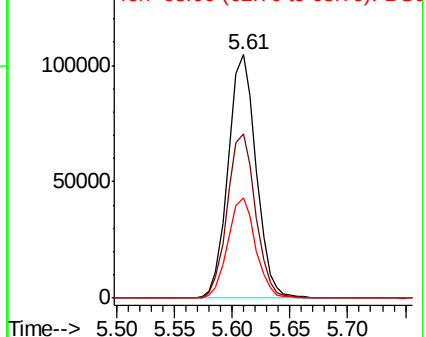
63 41.4 29.3 43.9



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: 142.140 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0006-01

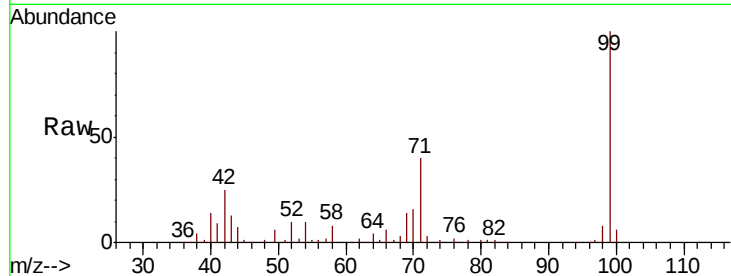
Tgt Ion: 99 Resp: 243312

Ion Ratio Lower Upper

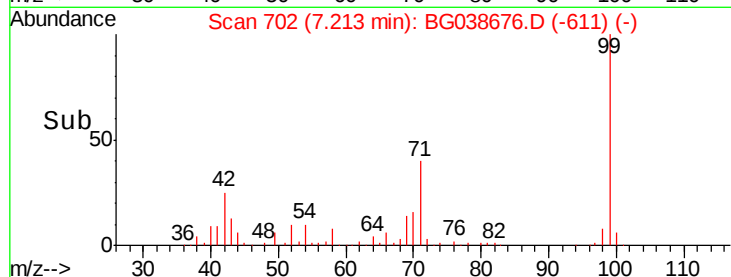
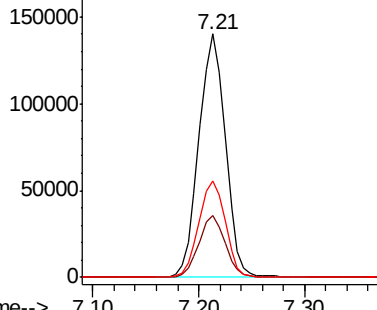
99 100

42 25.2 18.5 27.7

71 39.6 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



#10

Phenol

Concen: 7.735 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

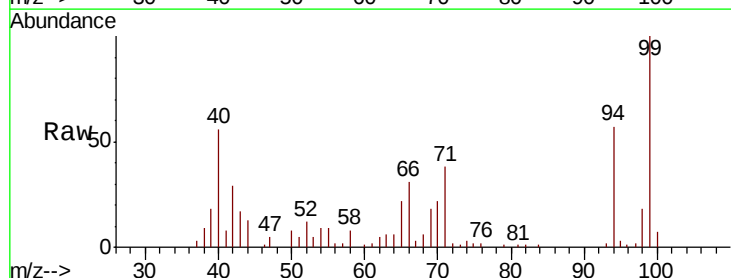
Tgt Ion: 94 Resp: 14067

Ion Ratio Lower Upper

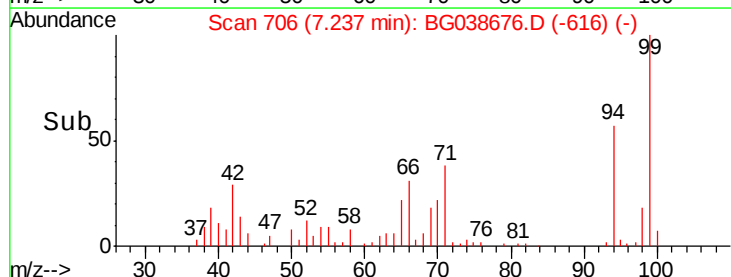
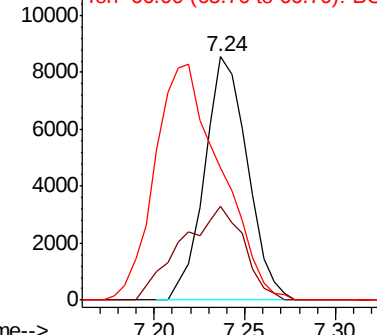
94 100

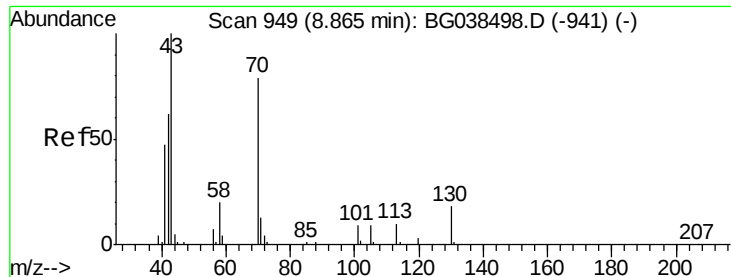
65 38.7 12.6 52.6

66 54.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

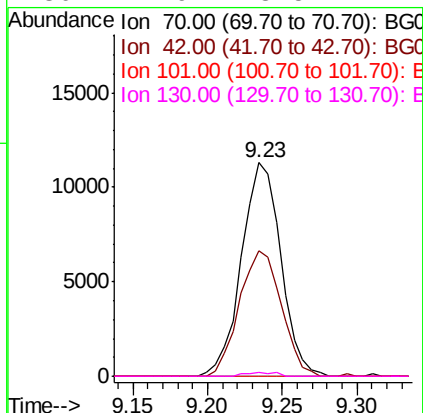
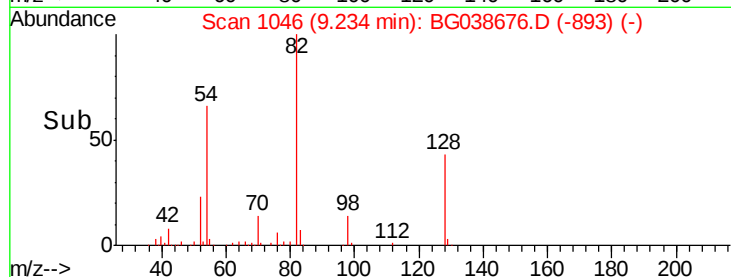
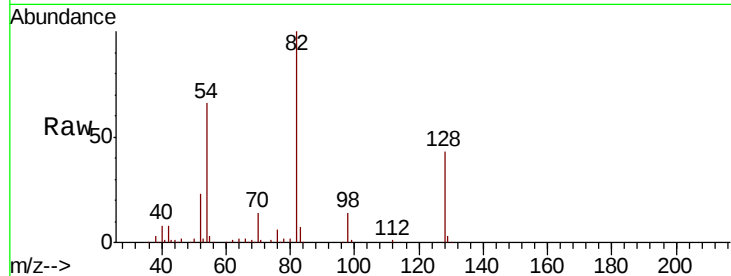




#19
n-Nitroso-di-n-propylamine
Concen: 17.134 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

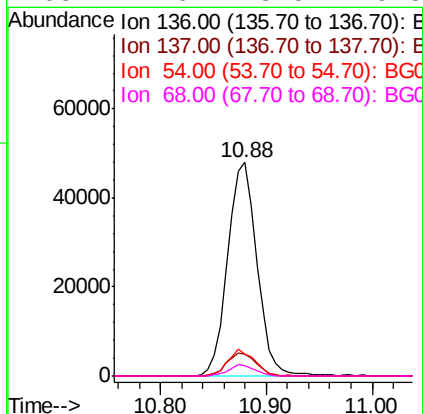
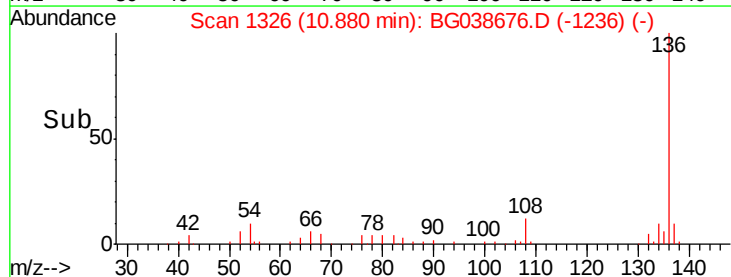
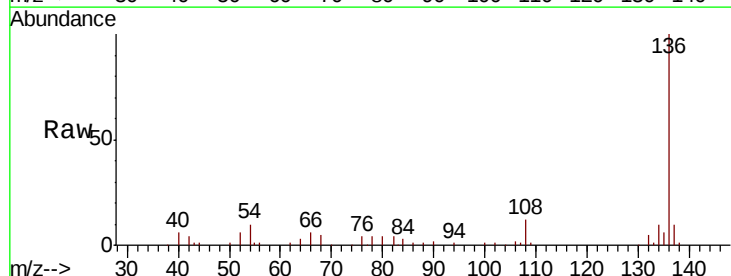
Instrument :
BNA_G
ClientSampleId :
P001-SD008-0006-01

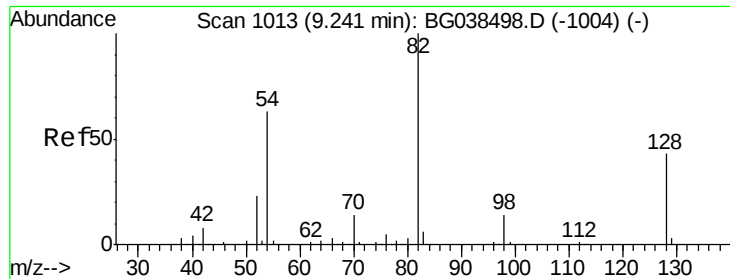
Tgt Ion: 70 Resp: 20600
Ion Ratio Lower Upper
70 100
42 58.9 63.6 95.4#
101 0.0 9.2 13.8#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

Tgt Ion: 136 Resp: 91632
Ion Ratio Lower Upper
136 100
137 10.4 9.3 13.9
54 10.3 8.5 12.7
68 4.6 3.5 5.3

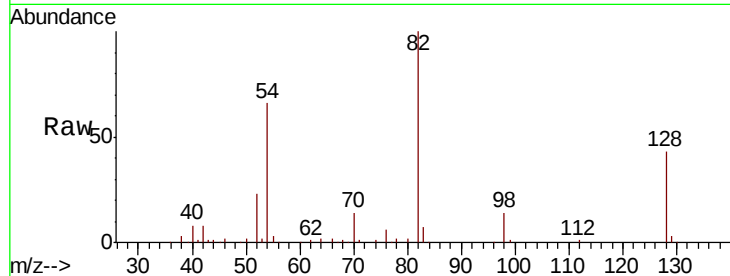




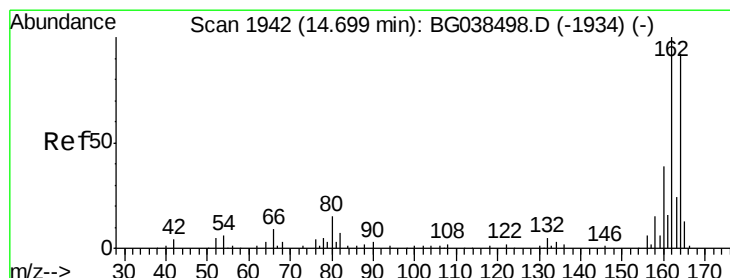
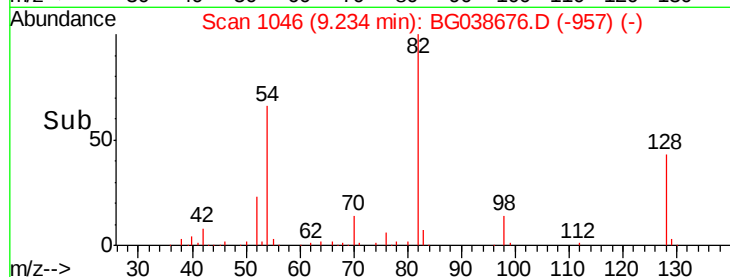
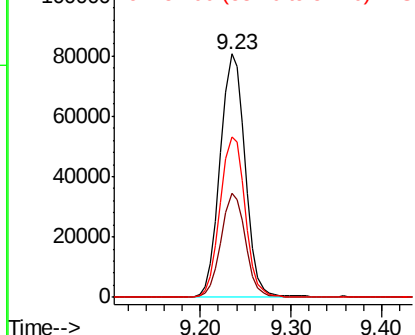
#23
 Nitrobenzene-d5
 Concen: 86.203 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038676.D
 Acq: 18 Dec 2018 00:19

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD008-0006-01

Tgt Ion: 82 Resp: 154617
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 65.7 50.6 76.0

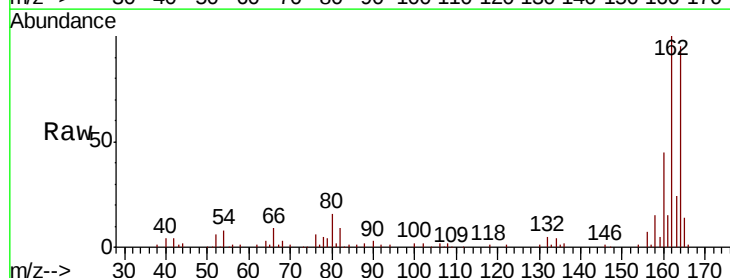


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

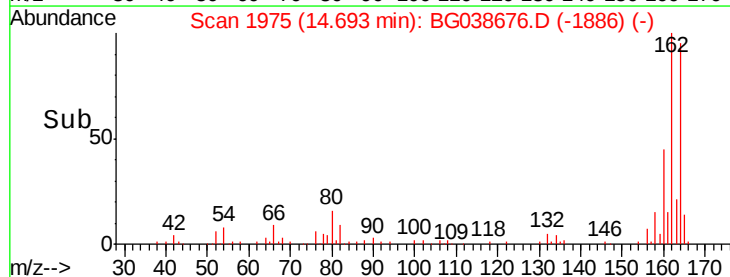
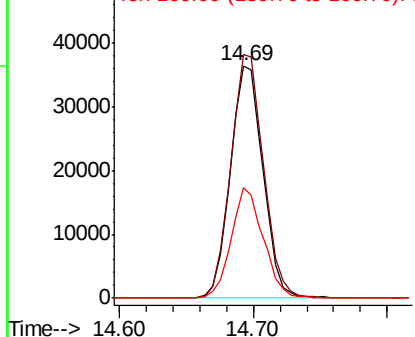


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038676.D
 Acq: 18 Dec 2018 00:19

Tgt Ion: 164 Resp: 61847
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.6 130.0
 160 47.6 34.2 51.2



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

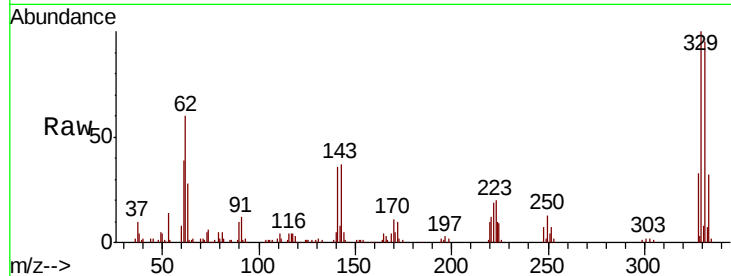




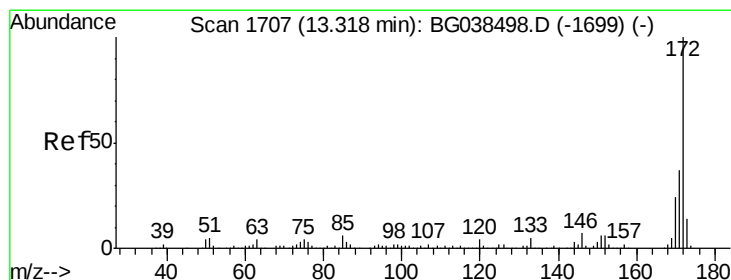
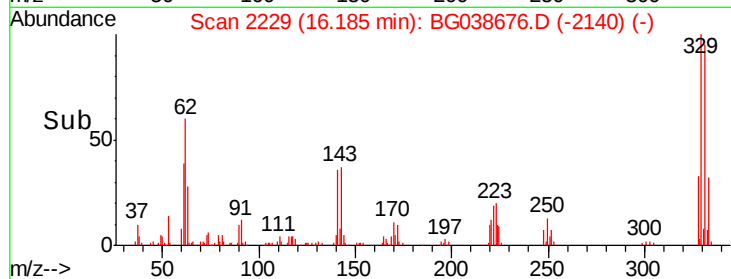
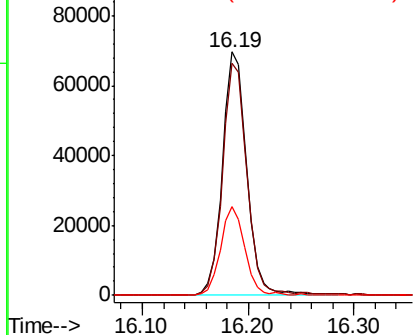
#42
 2,4,6-Tribromophenol
 Concen: 130.681 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038676.D
 Acq: 18 Dec 2018 00:19

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD008-0006-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9		76.9	115.3
141	36.4		28.8	43.2

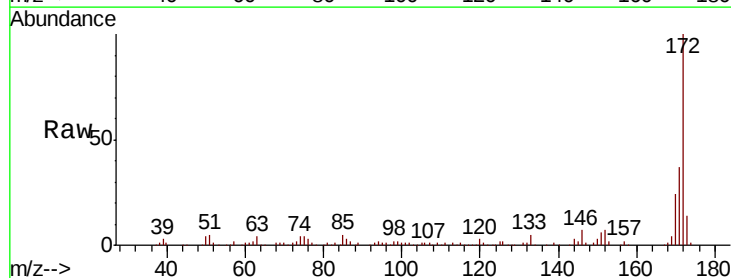


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

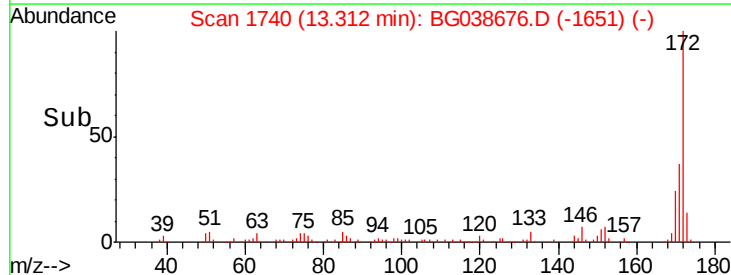
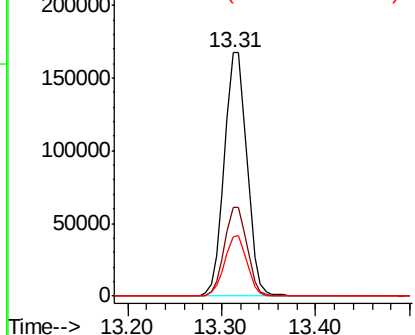


#45
 2-Fluorobiphenyl
 Concen: 62.740 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038676.D
 Acq: 18 Dec 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5		29.8	44.6
170	24.4		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: 4.760 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0006-01

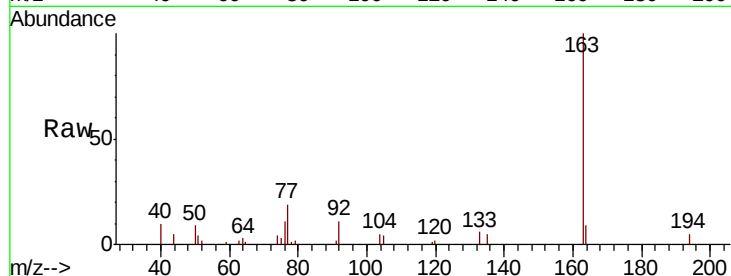
Tgt Ion:163 Resp: 24041

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

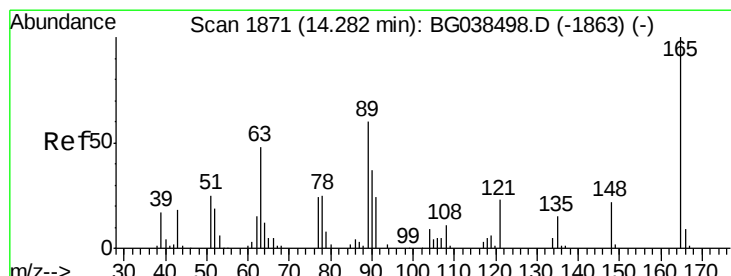
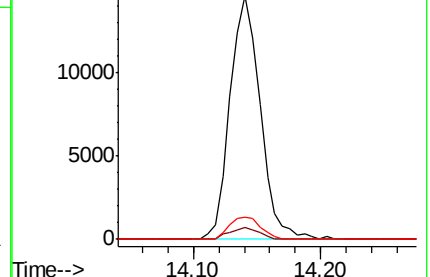
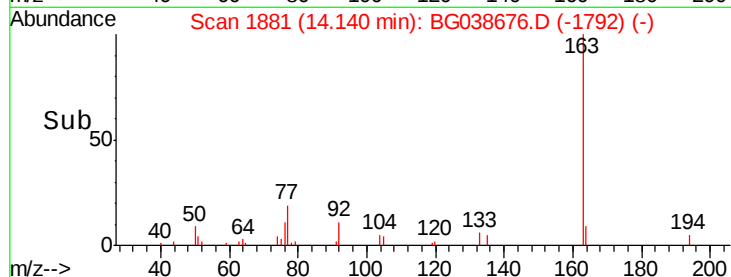
164 9.3 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.032 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

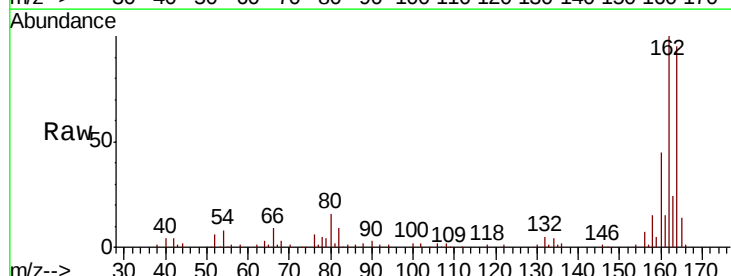
Tgt Ion:165 Resp: 8048

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

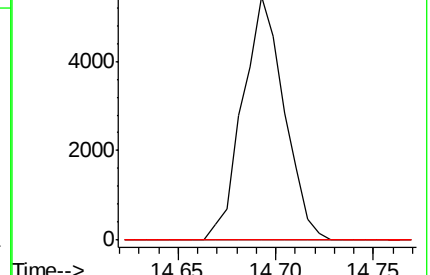
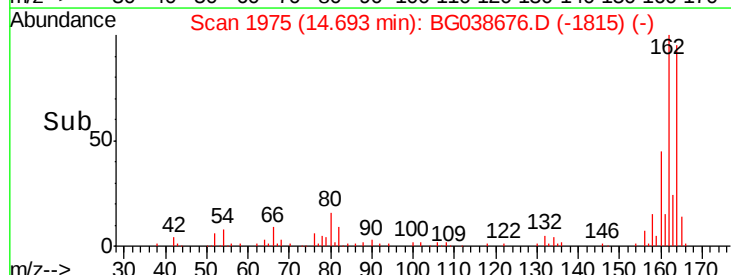
89 0.0 47.9 71.9#

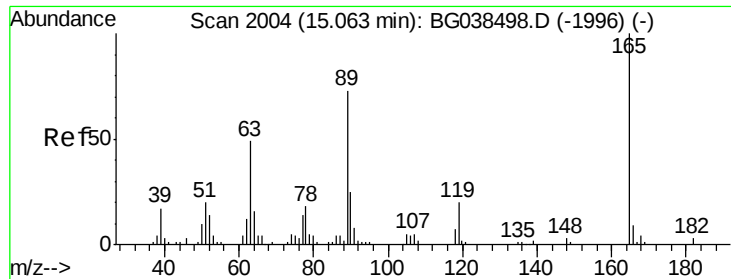


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

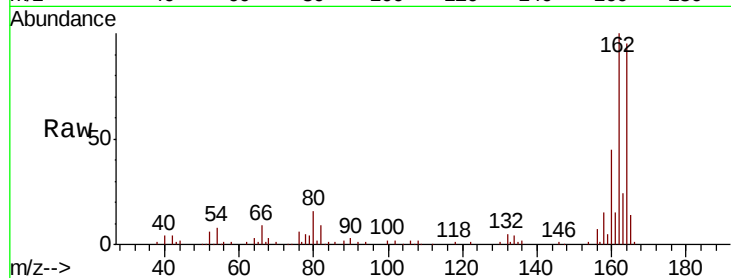




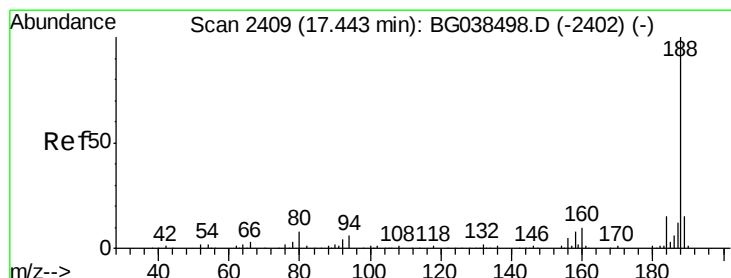
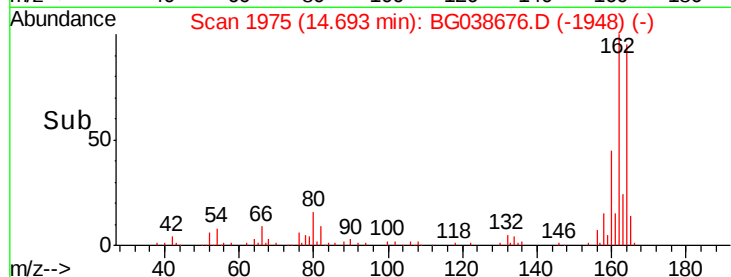
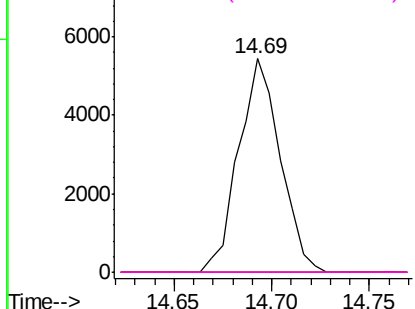
#57
2,4-Dinitrotoluene
Concen: 4.992 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

Instrument :
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ClientSampleId :
P001-SD008-0006-01

Tgt Ion:	165	Resp:	8048
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#

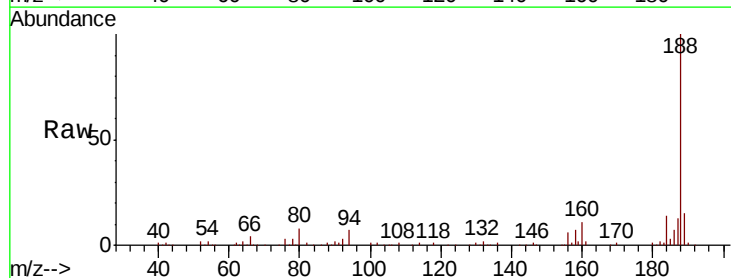


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

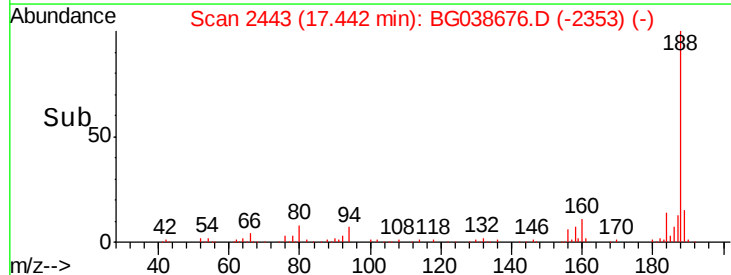
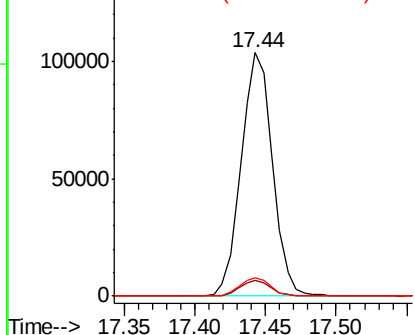


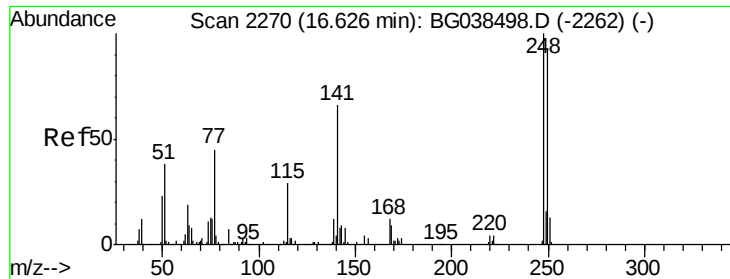
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

Tgt Ion:	188	Resp:	160749
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.5	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

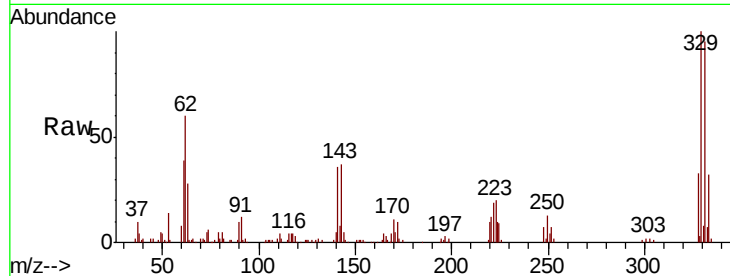




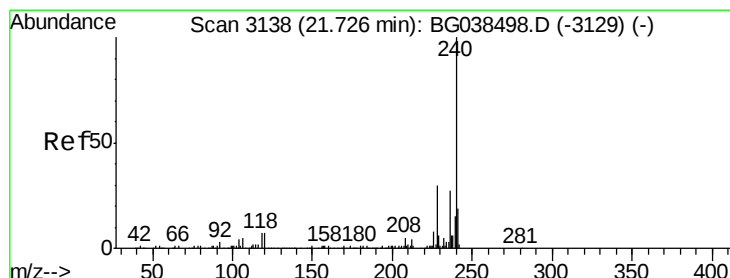
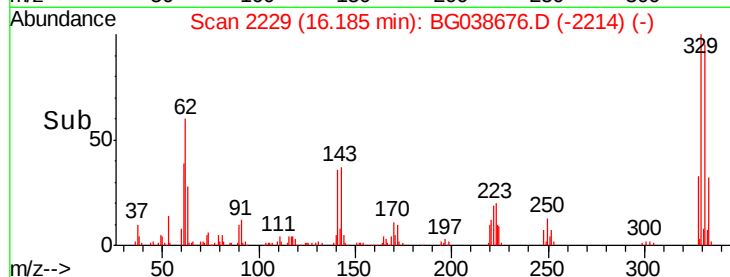
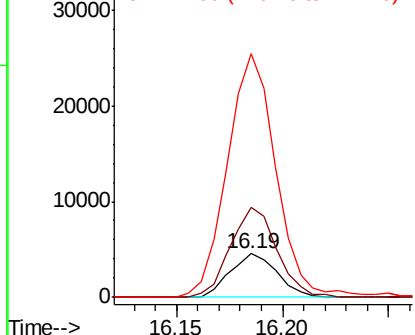
#67
4-Bromophenyl-phenylether
Concen: 3.599 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

Instrument :
BNA_G
ClientSampleId :
P001-SD008-0006-01

Tgt Ion:248 Resp: 7066
Ion Ratio Lower Upper
248 100
250 191.4 73.4 110.2#
141 406.3 52.9 79.3#

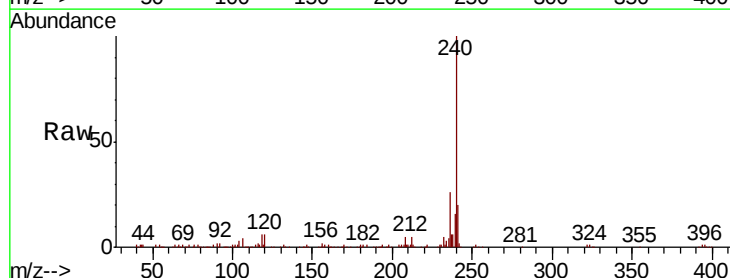


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

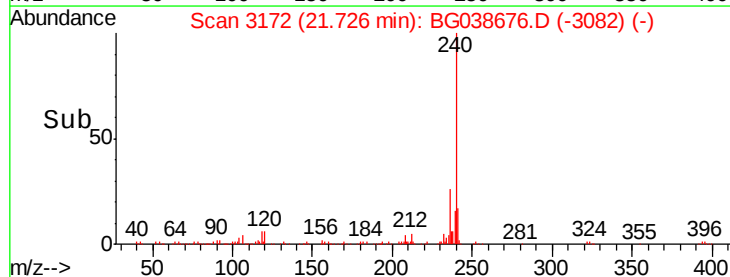
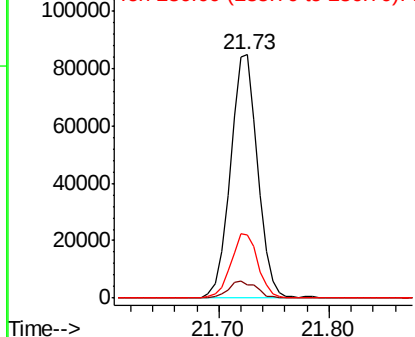


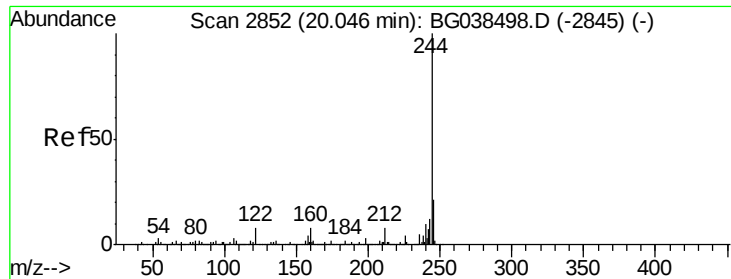
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038676.D
Acq: 18 Dec 2018 00:19

Tgt Ion:240 Resp: 146876
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: 62.299 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

Instrument :

BNA_G

ClientSampleId :

P001-SD008-0006-01

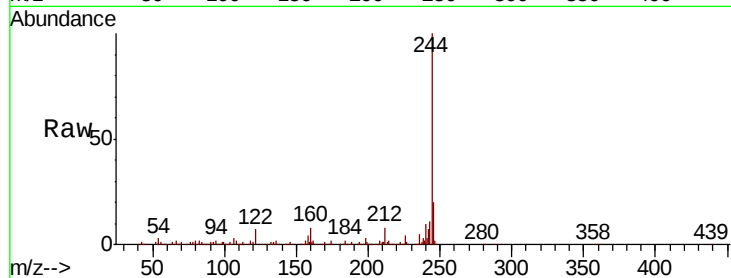
Tgt Ion:244 Resp: 420441

Ion Ratio Lower Upper

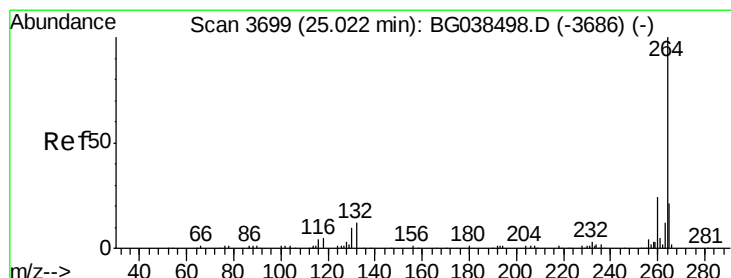
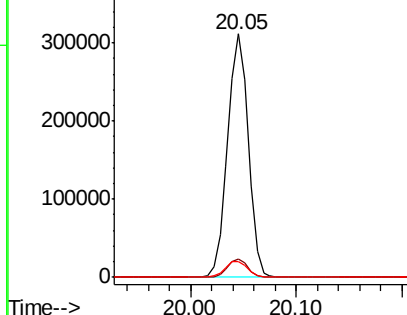
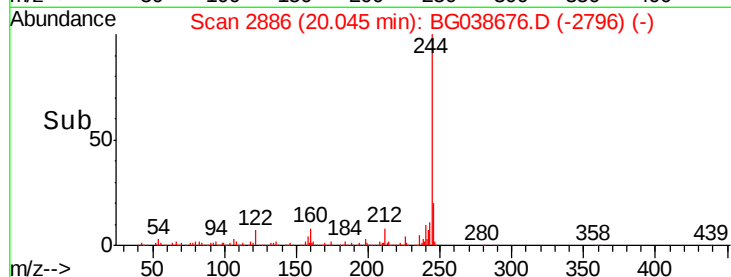
244 100

212 7.7 6.2 9.2

122 6.7 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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038676.D

Acq: 18 Dec 2018 00:19

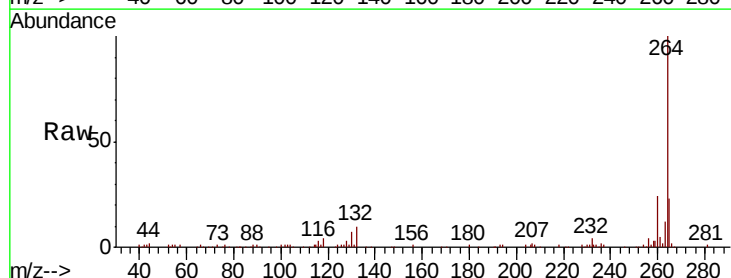
Tgt Ion:264 Resp: 168206

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.6 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

