

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038569.D
 Acq On : 14 Dec 2018 15:06
 Operator : JU/SJ
 Sample : J6326-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 15:41:49 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

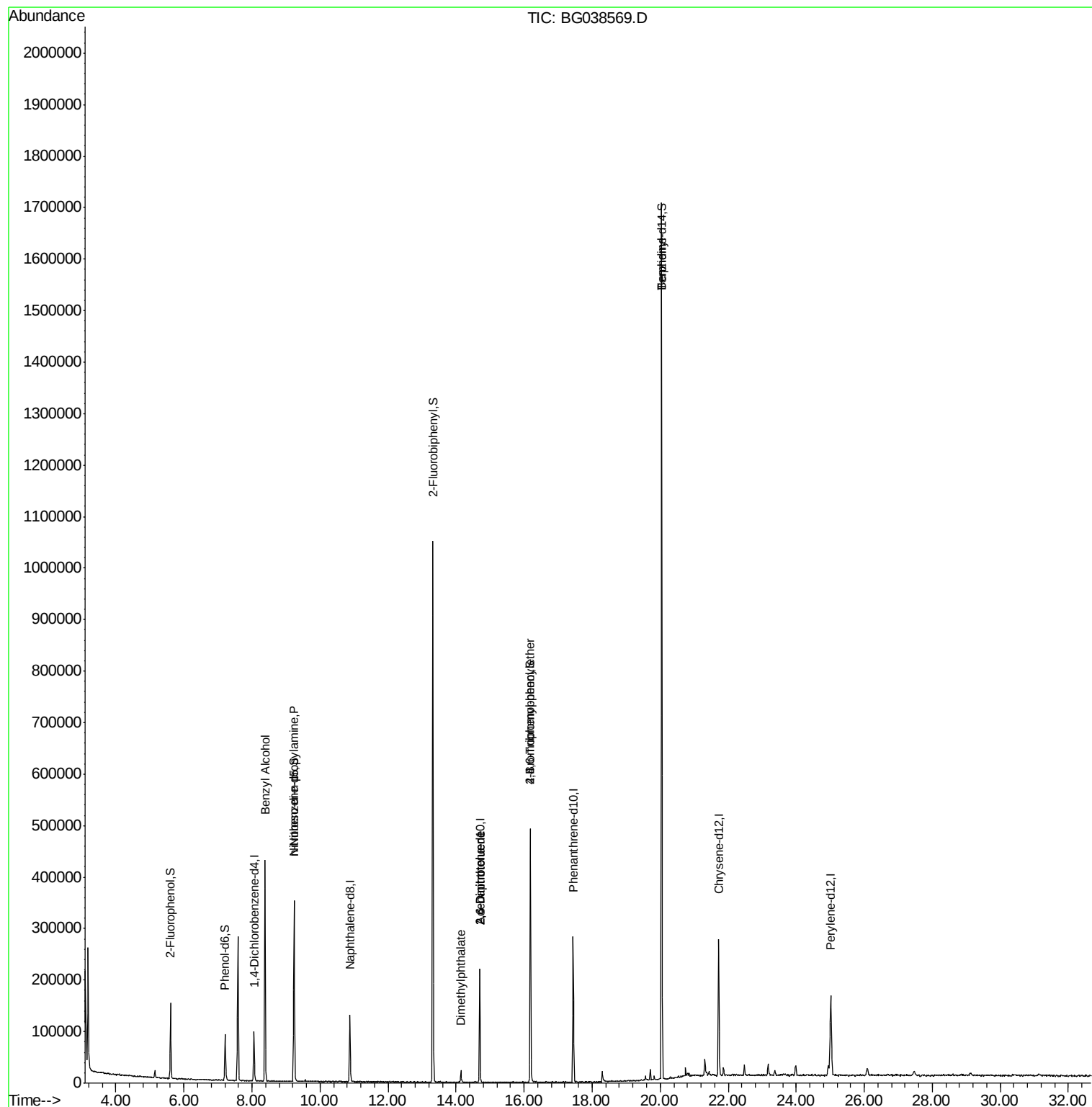
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26316	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	119278	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79645	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	179119	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169894	20.00	ng	0.00
87) Perylene-d12	25.02	264	182527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	64184	43.26	ng	0.00
7) Phenol-d6	7.21	99	53667	26.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	214348	91.81	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	97950	89.24	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	541578	93.28	ng	0.00
79) Terphenyl-d14	20.04	244	787476	100.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.39	79	3490	2.195	ng	# 50
19) n-Nitroso-di-n-propylamine	9.23	70	28955	20.240	ng	# 67
50) Dimethylphthalate	14.14	163	16799	2.583	ng	# 95
51) 2,6-Dinitrotoluene	14.69	165	10499	7.123	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	10499	5.057	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	6619	3.026	ng	# 1
77) Benizidine	20.04	184	14754	2.936	ng	# 95

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

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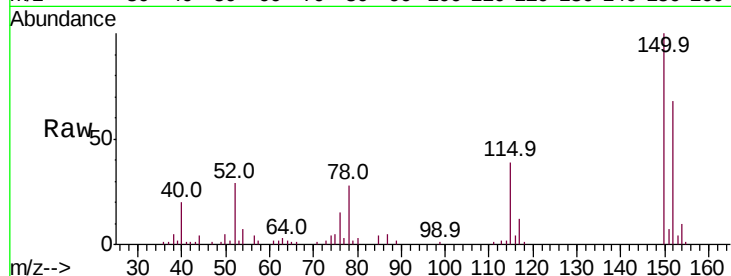


#1

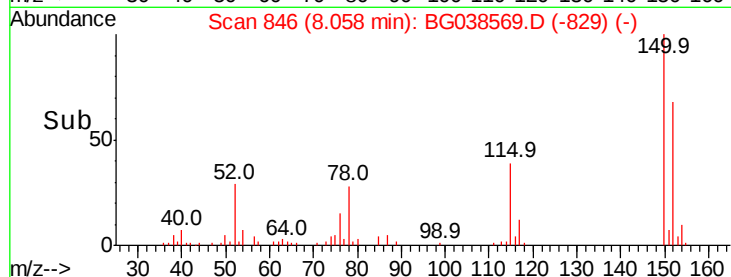
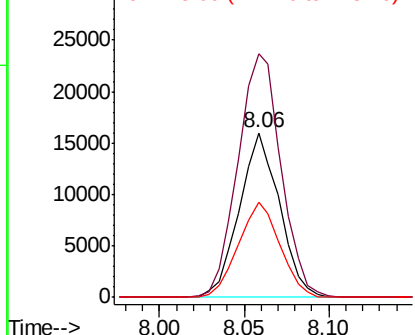
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26316
Ion Ratio Lower Upper
152 100
150 148.0 119.5 179.3
115 57.8 49.6 74.4



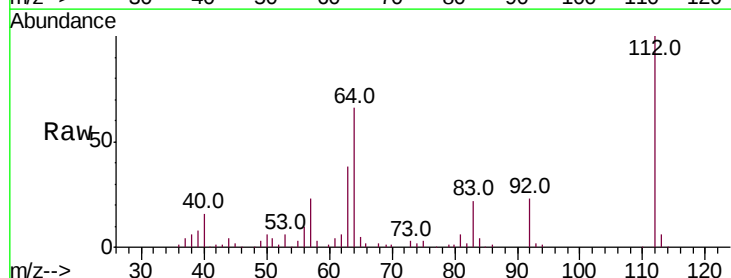
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



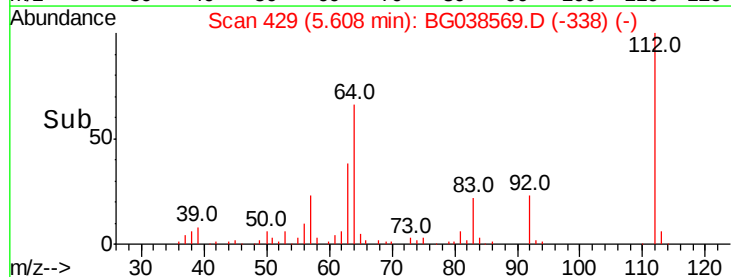
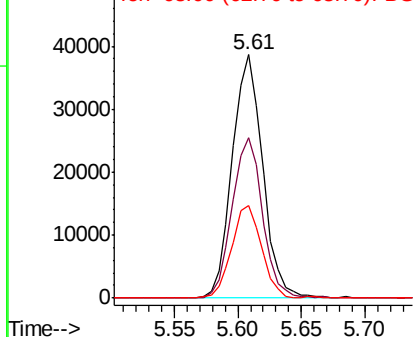
#5

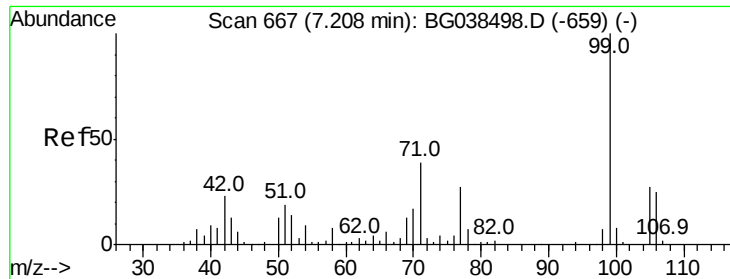
2-Fluorophenol
Concen: 43.259 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Tgt Ion:112 Resp: 64184
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 37.9 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: 26.348 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

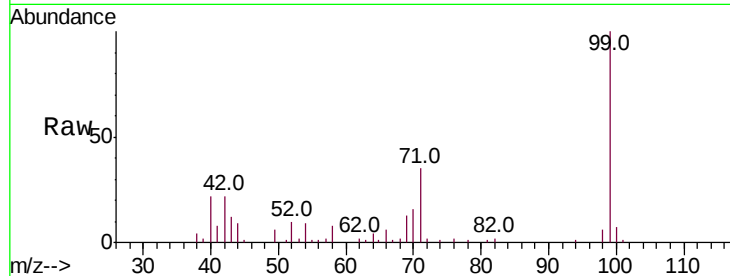
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 53667

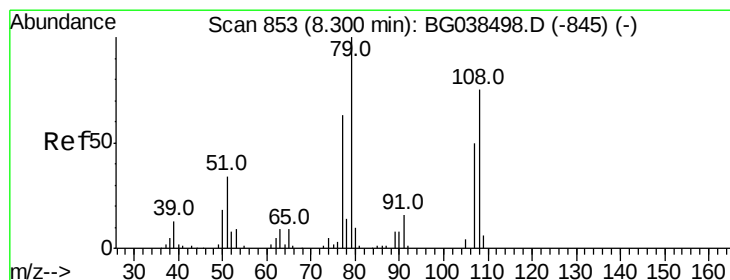
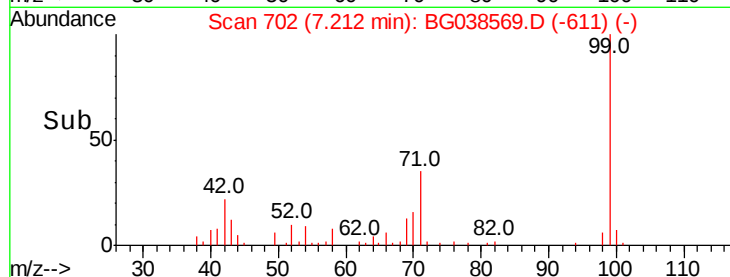
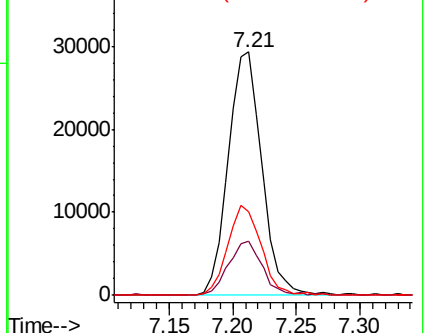
Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.5	27.7
71	34.5	31.1	46.7



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



#15

Benzyl Alcohol

Concen: 2.195 ng

RT: 8.39 min Scan# 902

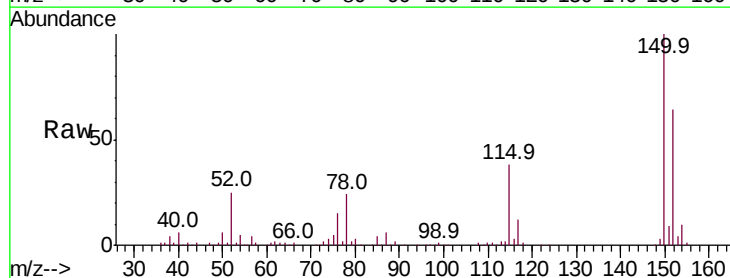
Delta R.T. 0.09 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

Tgt Ion: 79 Resp: 3490

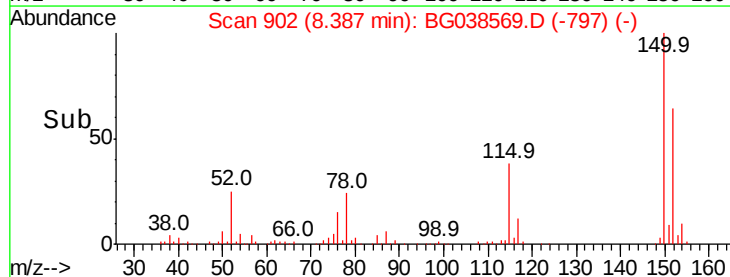
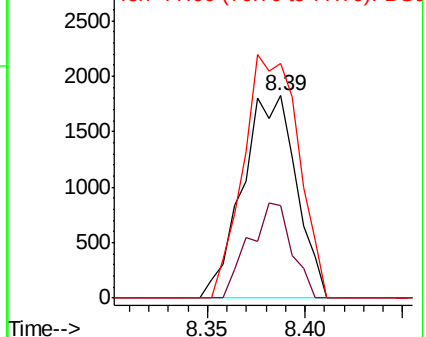
Ion	Ratio	Lower	Upper
79	100		
108	45.7	60.2	90.4#
77	116.1	50.7	76.1#

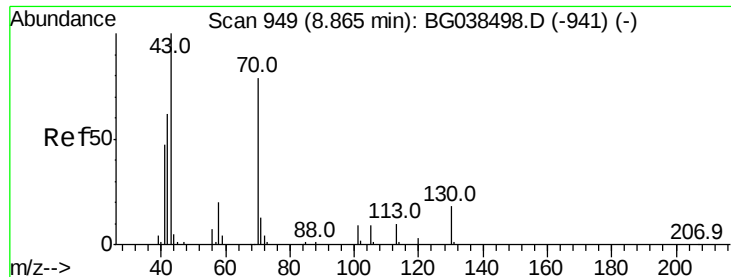


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

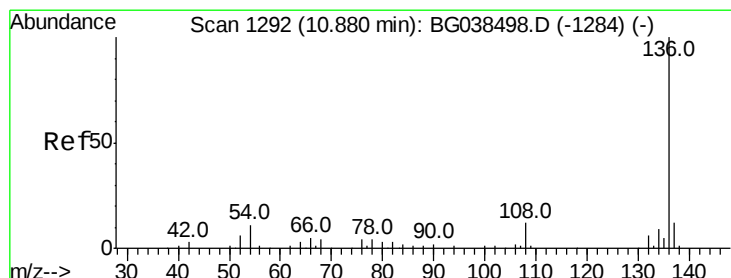
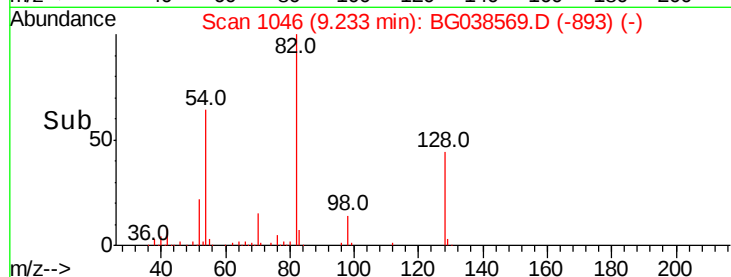
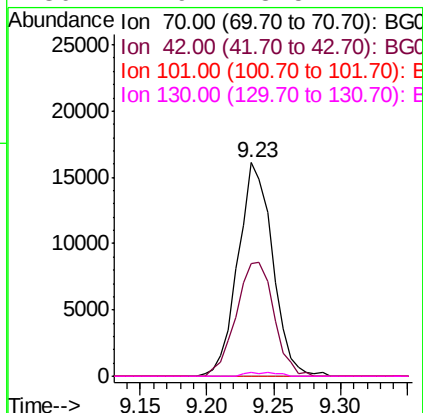
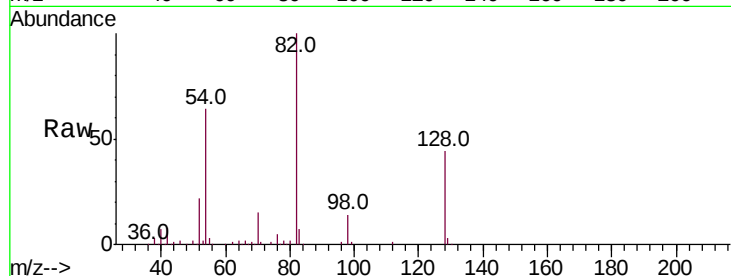




#19
n-Nitroso-di-n-propylamine
Concen: 20.240 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

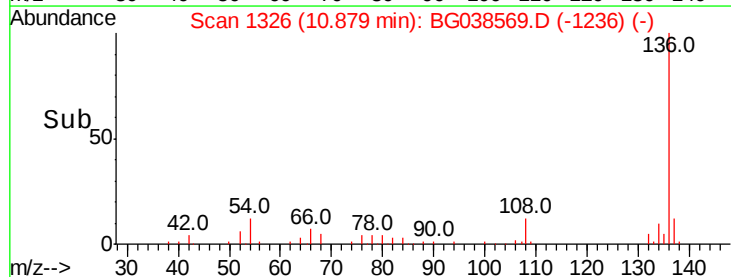
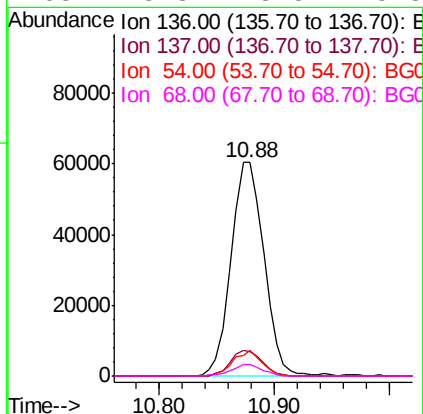
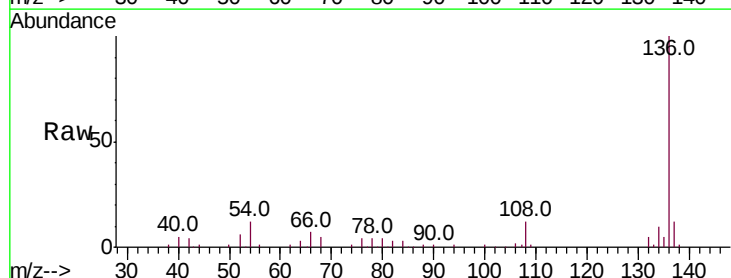
Instrument :
BNA_G
ClientSampleId :

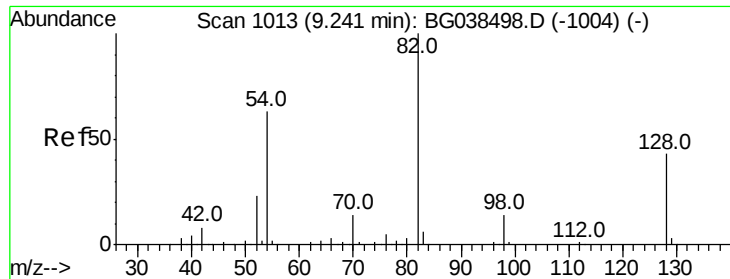
Tot Ion: 70 Resp: 28955
Ion Ratio Lower Upper
70 100
42 52.7 63.6 95.4#
101 0.0 9.2 13.8#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Tgt Ion:136 Resp: 119278
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 11.9 8.5 12.7
68 5.3 3.5 5.3#

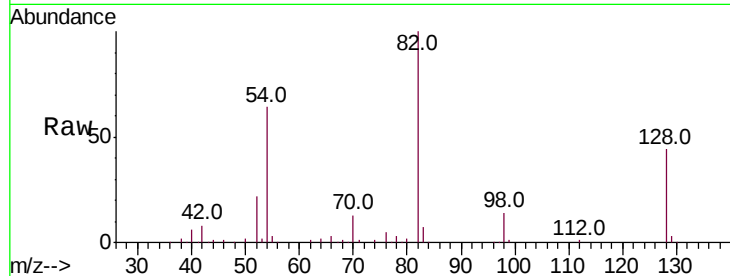




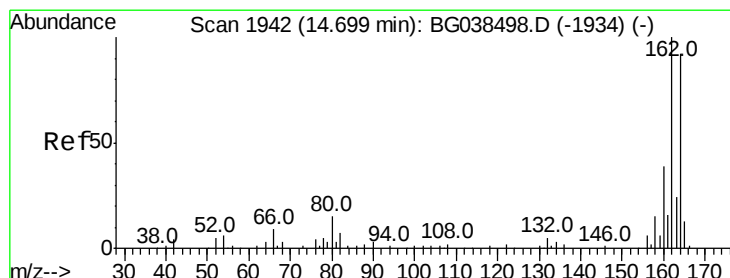
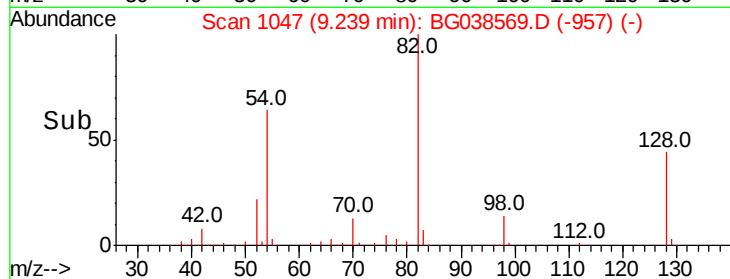
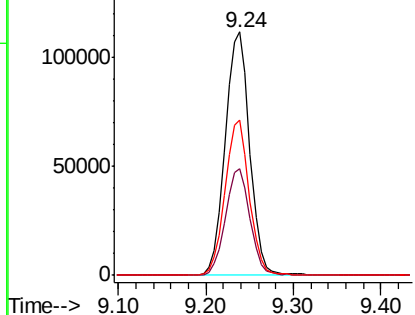
#23
Nitrobenzene-d5
Concen: 91.806 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 214348
Ion Ratio Lower Upper
82 100
128 44.0 34.6 52.0
54 63.5 50.6 76.0

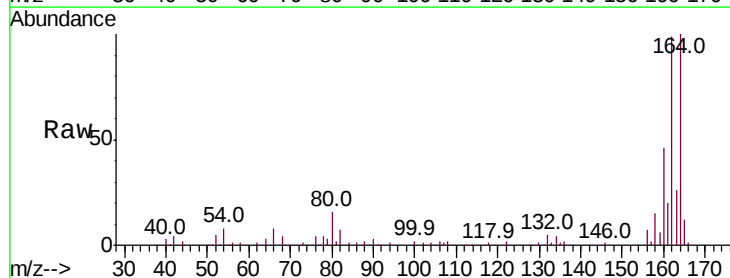


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

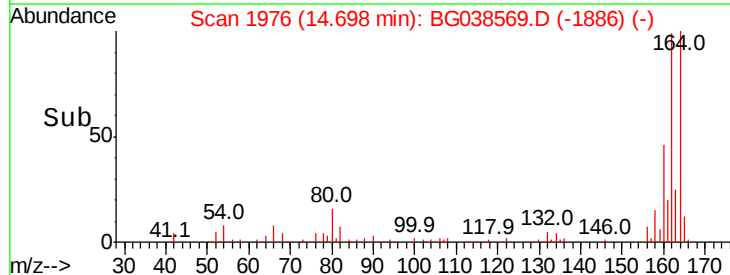
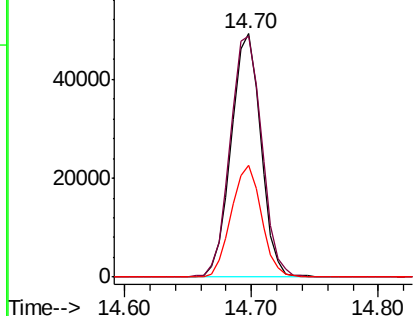


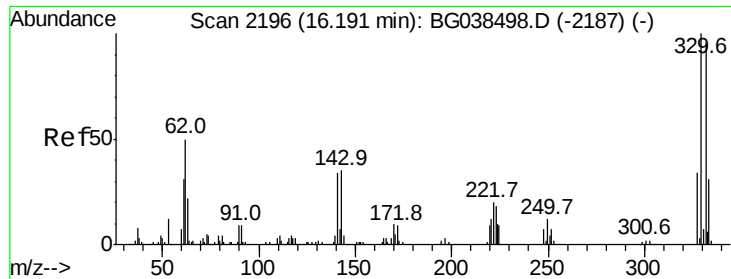
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Tgt Ion:164 Resp: 79645
Ion Ratio Lower Upper
164 100
162 99.2 86.6 130.0
160 45.7 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

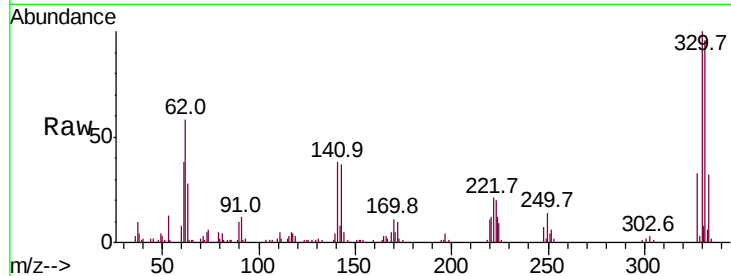




#42
 2,4,6-Tribromophenol
 Concen: 89.236 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038569.D
 Acq: 14 Dec 2018 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.9	115.3
141	36.4	28.8	43.2

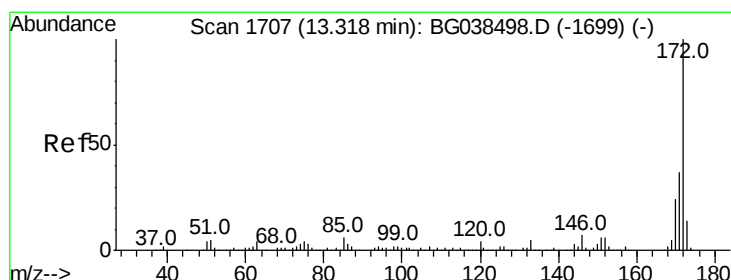
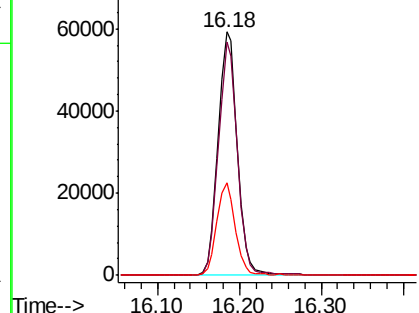
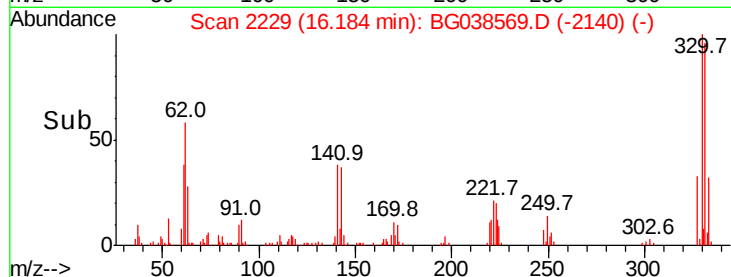


Abundance

Ion 329.80 (329.50 to 330.50): E

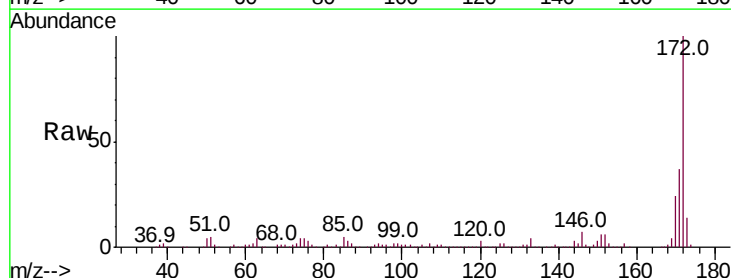
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.284 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038569.D
 Acq: 14 Dec 2018 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.4	19.5	29.3

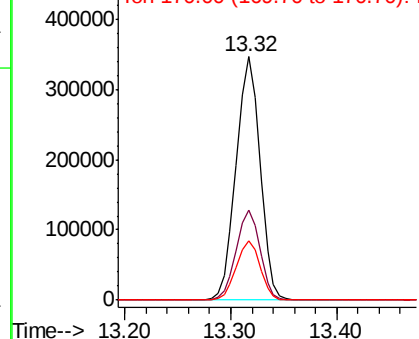
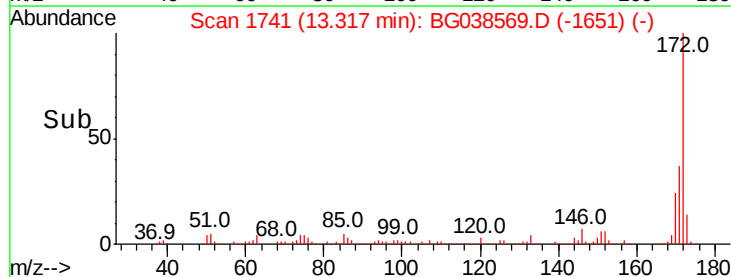


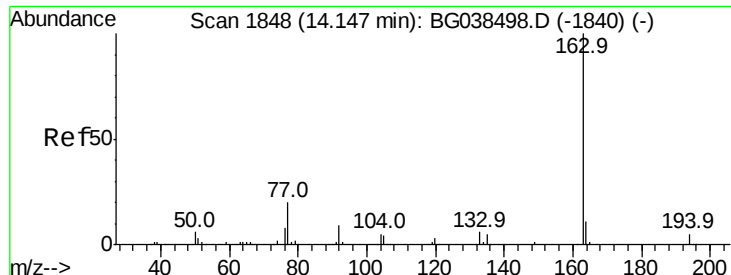
Abundance

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: 2.583 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

Instrument :

BNA_G

ClientSampled :

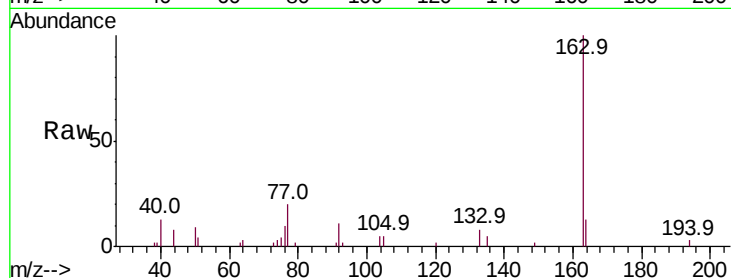
Tot Ion:163 Resp: 16799

Ion Ratio Lower Upper

163 100

194 3.0 3.7 5.5#

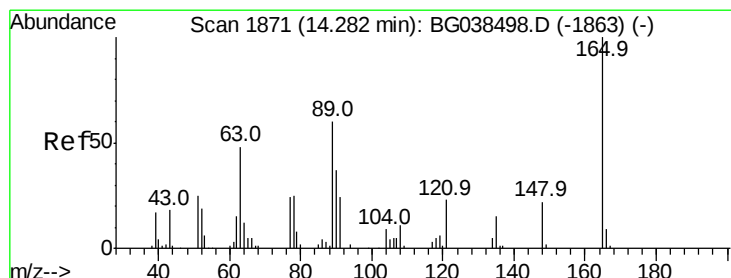
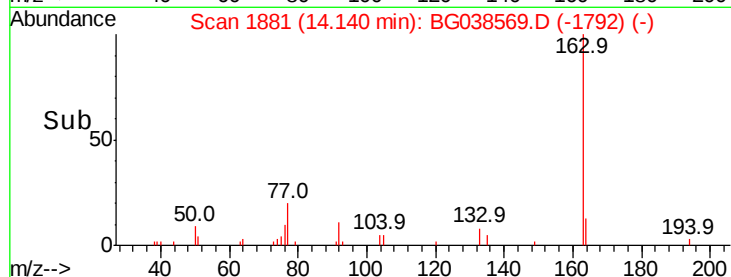
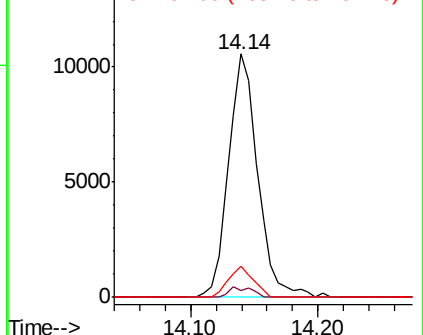
164 12.6 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 7.123 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

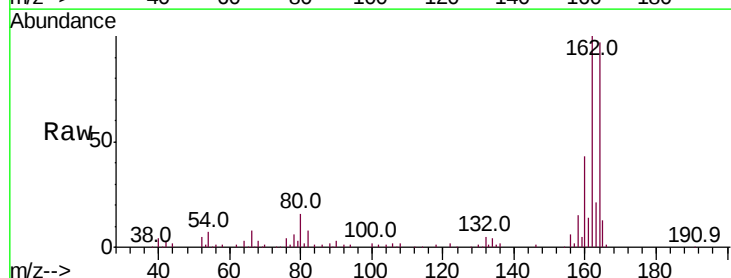
Tgt Ion:165 Resp: 10499

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

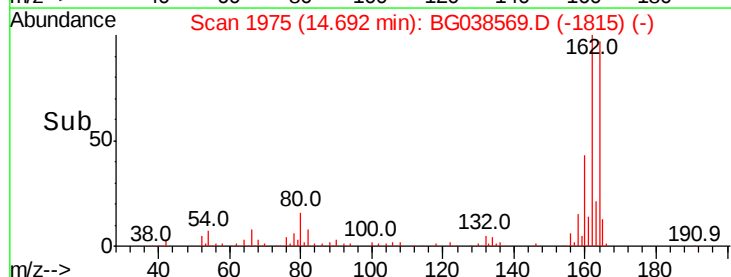
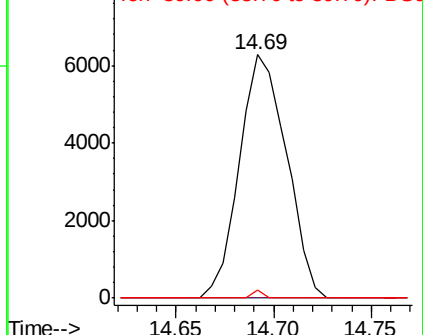
89 3.2 47.9 71.9#

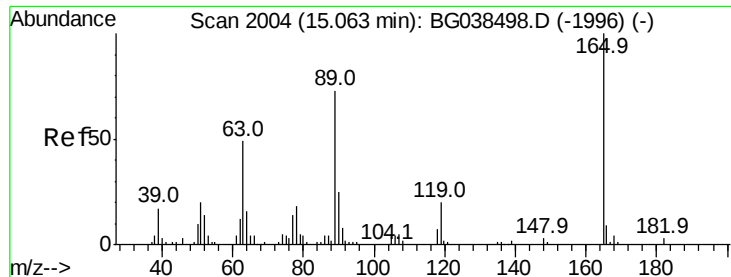


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

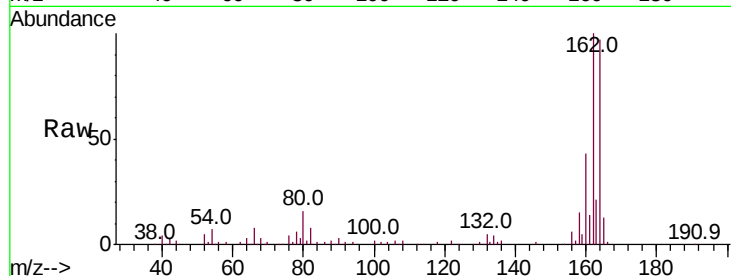




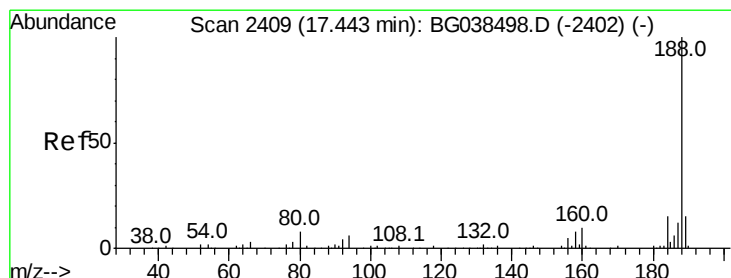
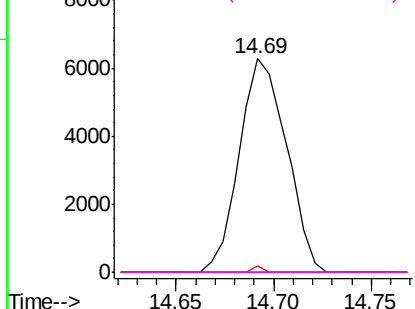
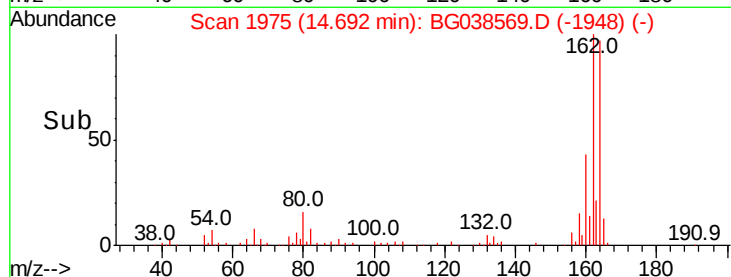
#57
 2,4-Dinitrotoluene
 Concen: 5.057 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038569.D
 Acq: 14 Dec 2018 15:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10499
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 3.2 58.0 87.0#
 182 0.0 2.3 3.5#

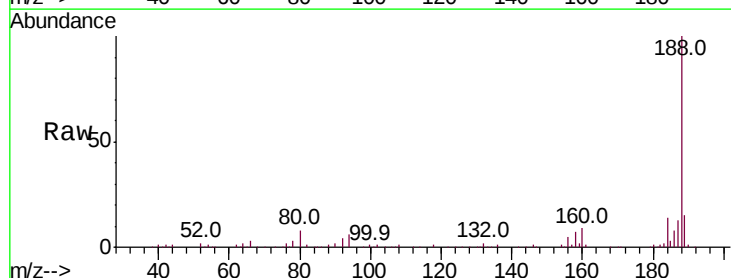


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

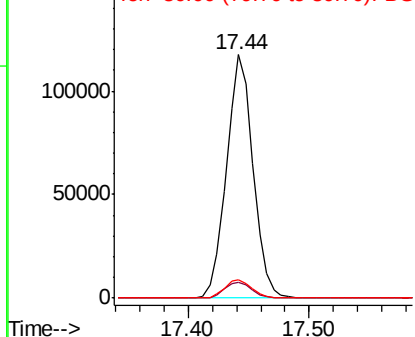
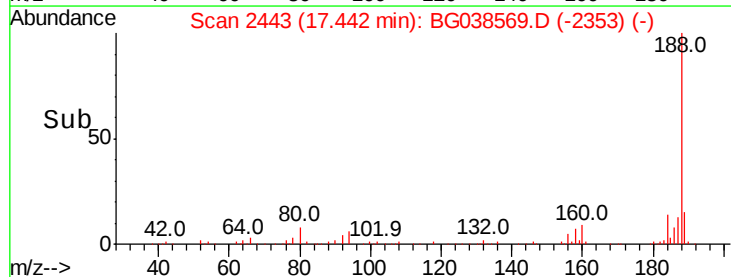


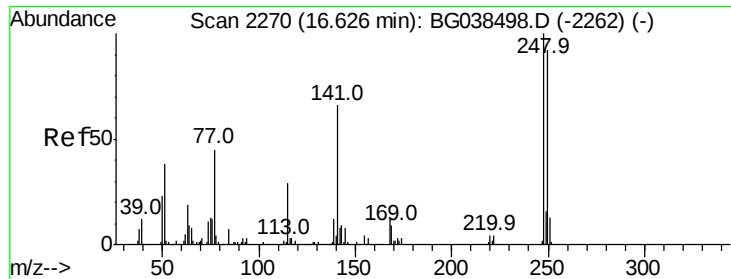
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038569.D
 Acq: 14 Dec 2018 15:06

Tgt Ion:188 Resp: 179119
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.1 7.7
 80 7.7 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





#67

4-Bromophenyl-phenylether

Concen: 3.026 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

Instrument :

BNA_G

ClientSampled :

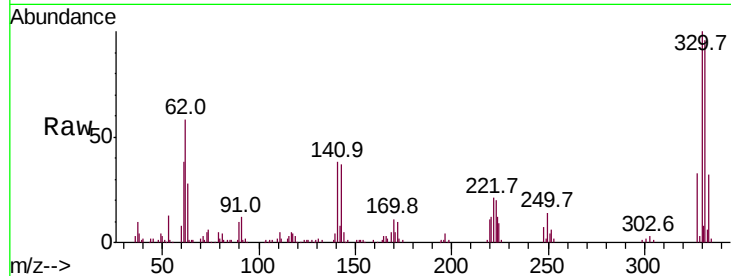
Tot Ion:248 Resp: 6619

Ion Ratio Lower Upper

248 100

250 205.8 73.4 110.2#

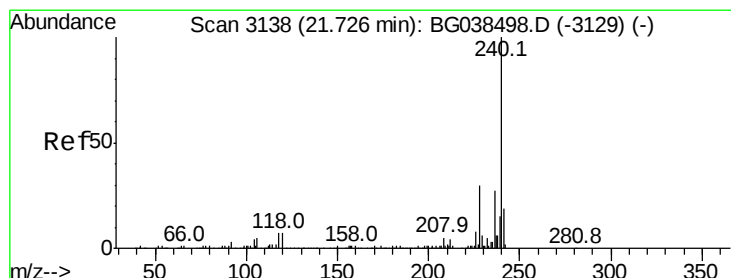
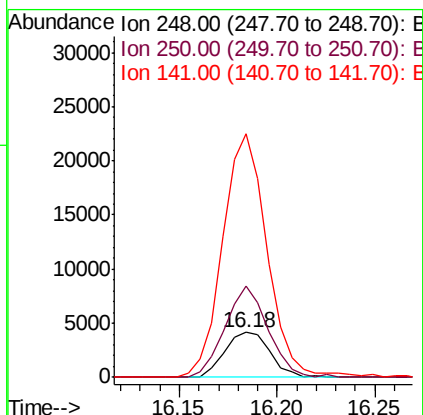
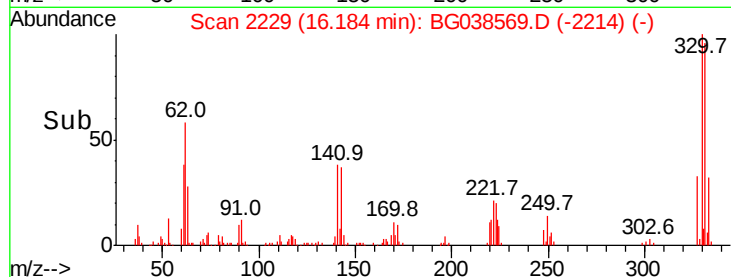
141 425.3 52.9 79.3#



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

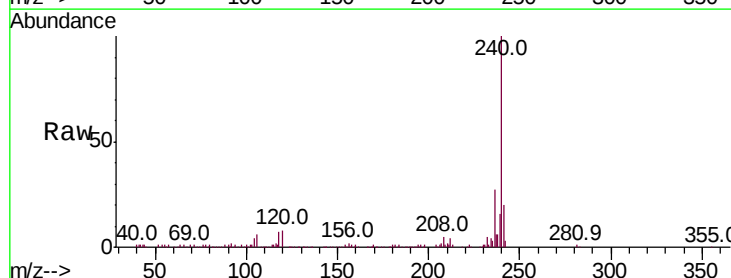
Tgt Ion:240 Resp: 169894

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

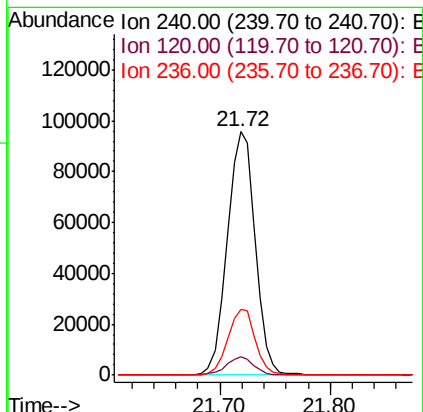
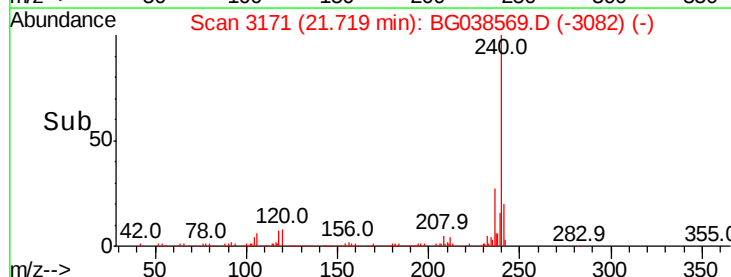
236 26.8 21.4 32.2

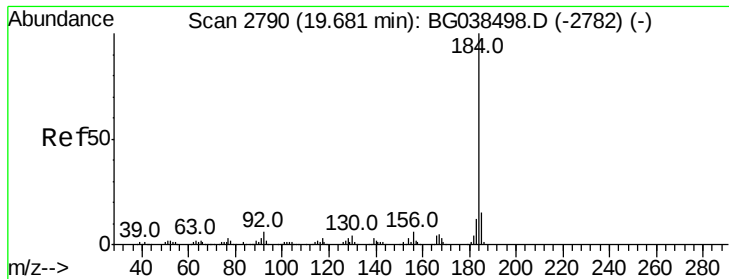


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.936 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

Instrument :

BNA_G

ClientSampleId :

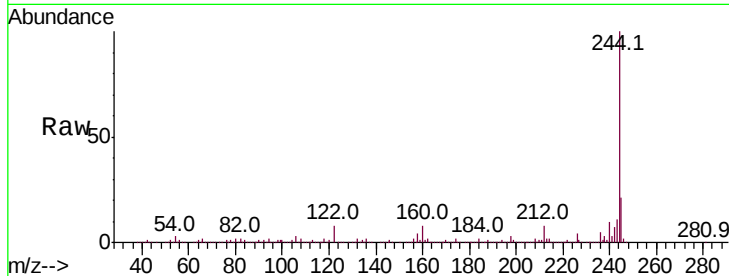
Tot Ion:184 Resp: 14754

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

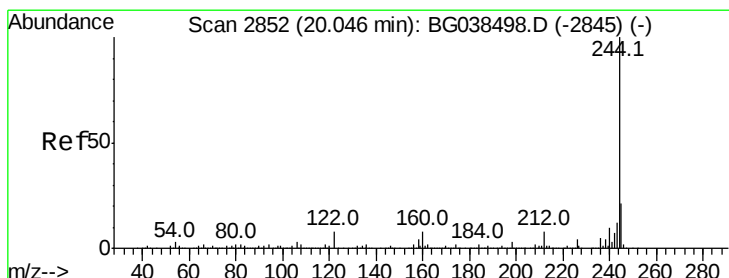
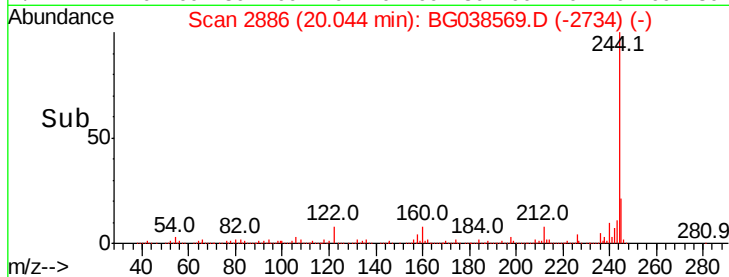
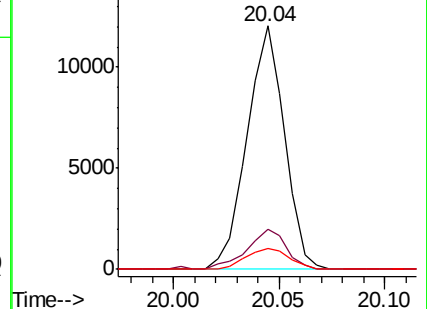
183 8.8 9.6 14.4#



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: 100.875 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038569.D

Acq: 14 Dec 2018 15:06

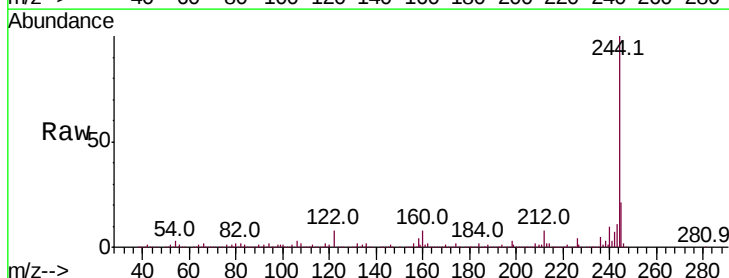
Tgt Ion:244 Resp: 787476

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

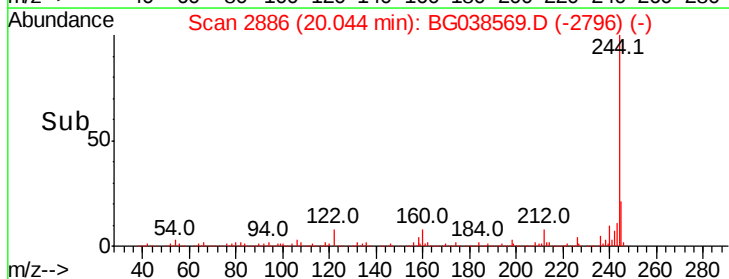
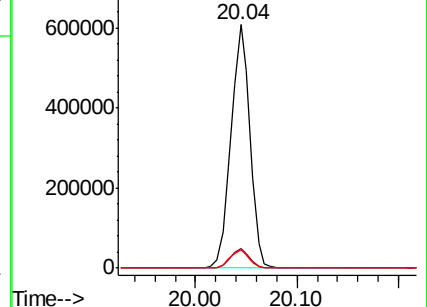
122 7.5 6.3 9.5

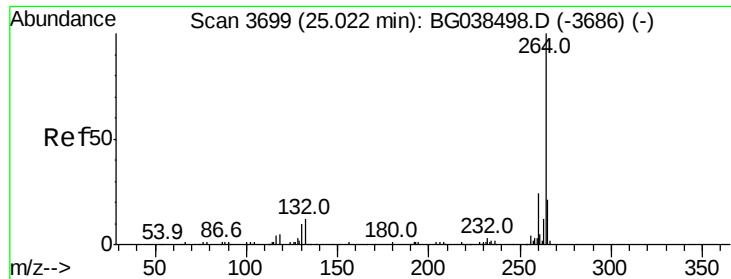


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

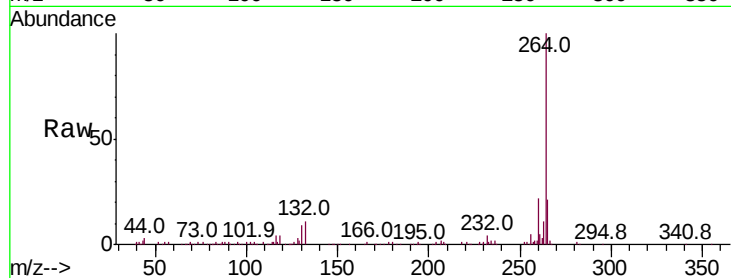




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038569.D
Acq: 14 Dec 2018 15:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.9	28.3
265	20.9	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

