

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038976.D
 Acq On : 7 Jan 2019 21:09
 Operator : JU/SJ
 Sample : K1034-20RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:10:42 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

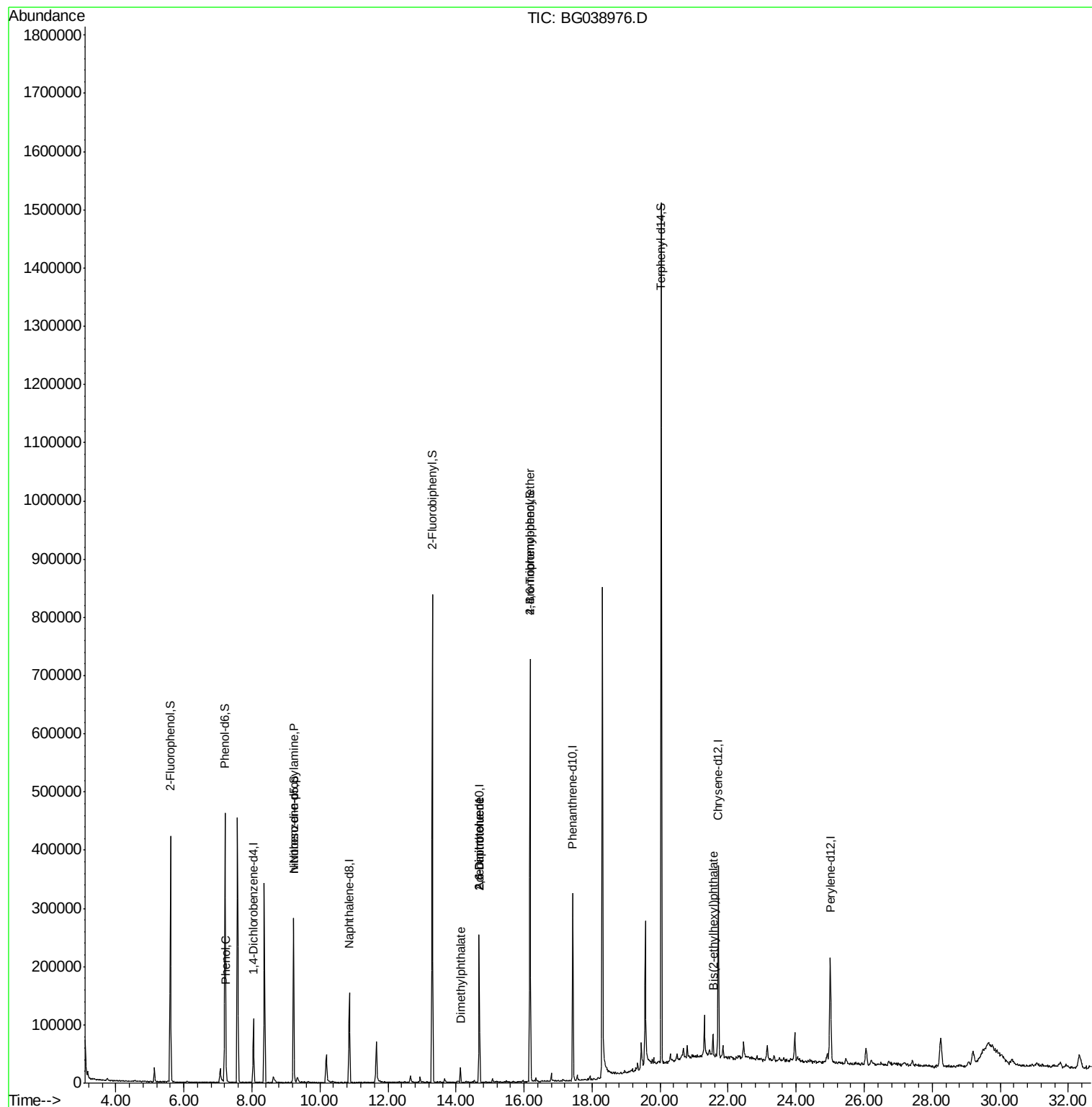
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	32917	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	133652	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	91439	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	213483	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	207330	20.00	ng	-0.02
87) Perylene-d12	25.01	264	220144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	191124	102.98	ng	0.00
7) Phenol-d6	7.21	99	264376	103.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	163064	62.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	152929	121.35	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	448568	67.30	ng	-0.02
79) Terphenyl-d14	20.04	244	730623	76.69	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11455	4.232	ng	91
19) n-Nitroso-di-n-propylamine	9.22	70	22453	12.548	ng	# 64
50) Dimethylphthalate	14.13	163	18030	2.415	ng	# 96
51) 2,6-Dinitrotoluene	14.68	165	12117	7.161	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	12117	5.084	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	10208	3.915	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.56	149	16412	2.162	ng	# 98

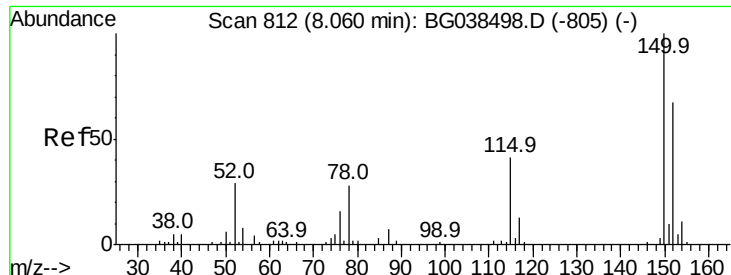
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

Instrument :

BNA_G

ClientSampleId :

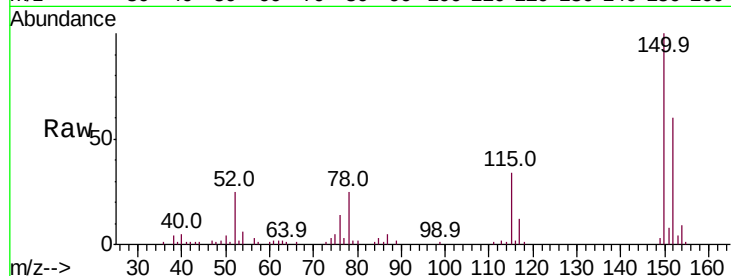
Tot Ion:152 Resp: 32917

Ion Ratio Lower Upper

152 100

150 165.9 119.5 179.3

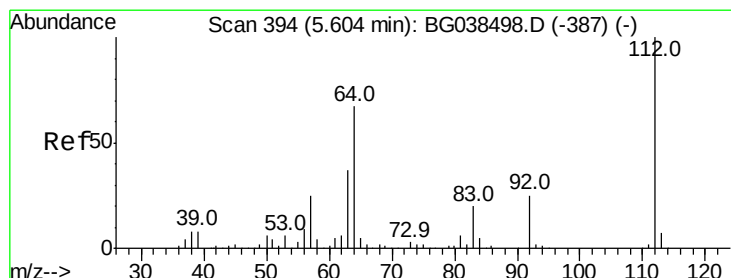
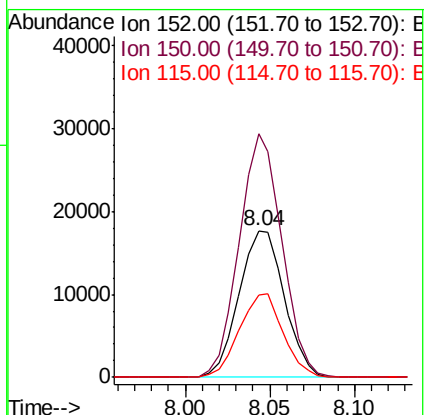
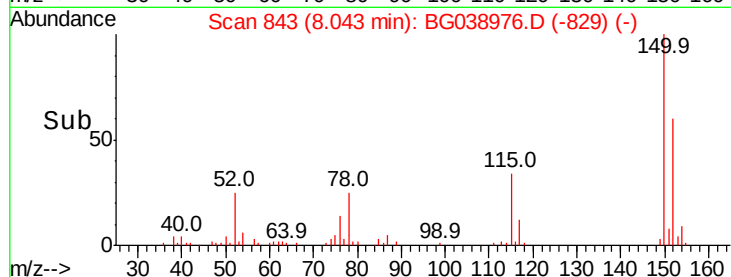
115 55.7 49.6 74.4



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: 102.982 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

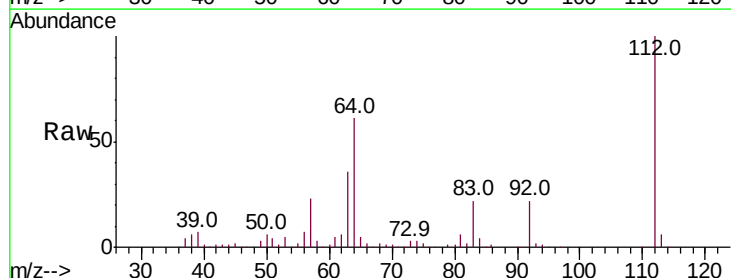
Tgt Ion:112 Resp: 191124

Ion Ratio Lower Upper

112 100

64 60.7 53.4 80.2

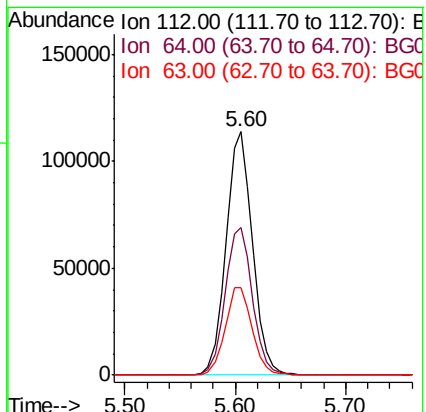
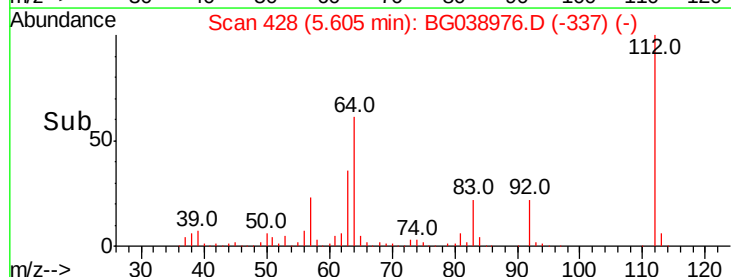
63 36.0 29.3 43.9

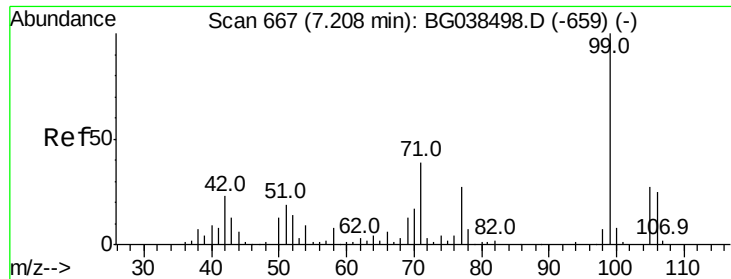


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.767 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

Instrument :

BNA_G

ClientSampleId :

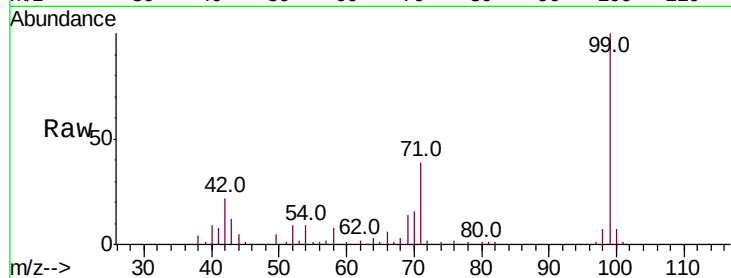
Tot Ion: 99 Resp: 264376

Ion Ratio Lower Upper

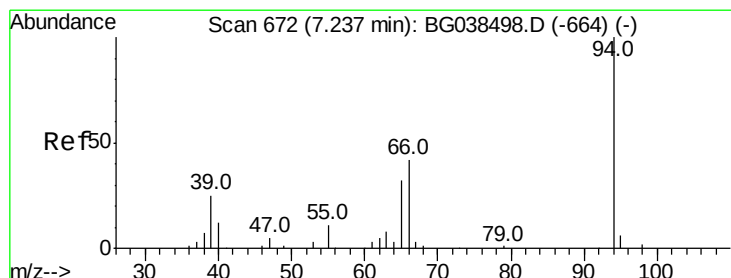
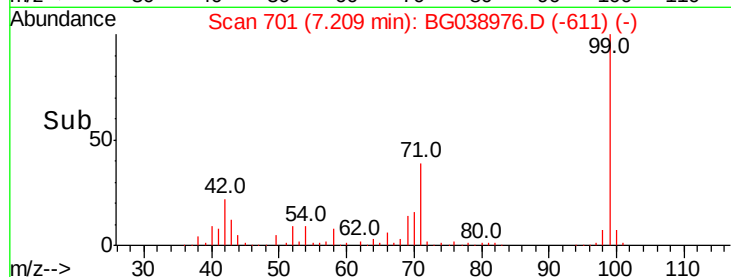
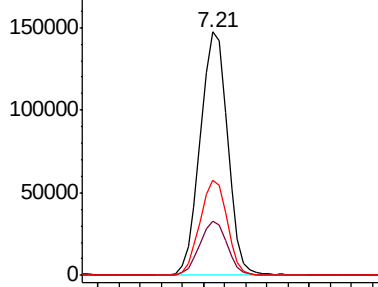
99 100

42 22.3 18.5 27.7

71 39.3 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: 4.232 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

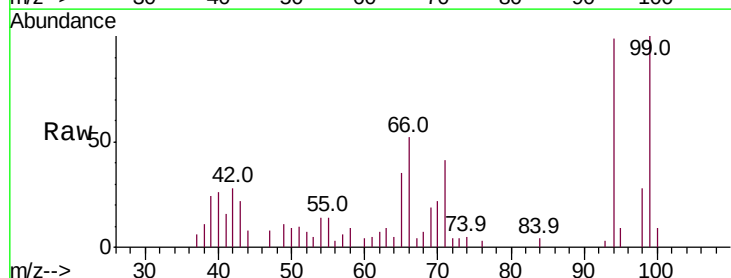
Tgt Ion: 94 Resp: 11455

Ion Ratio Lower Upper

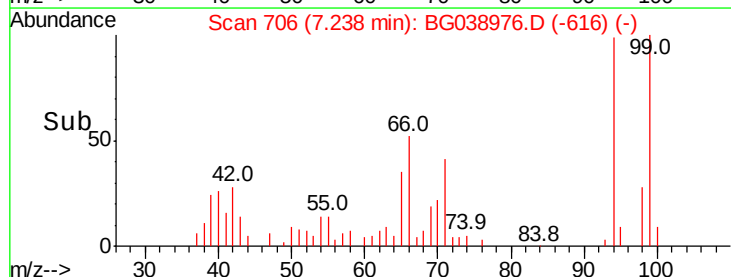
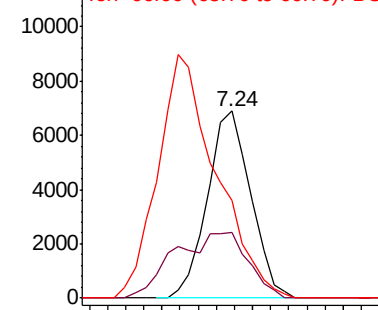
94 100

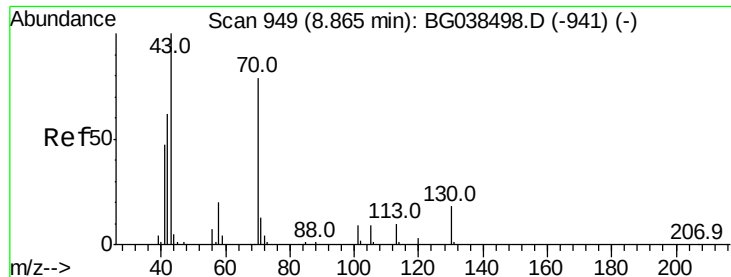
65 35.1 12.6 52.6

66 52.2 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

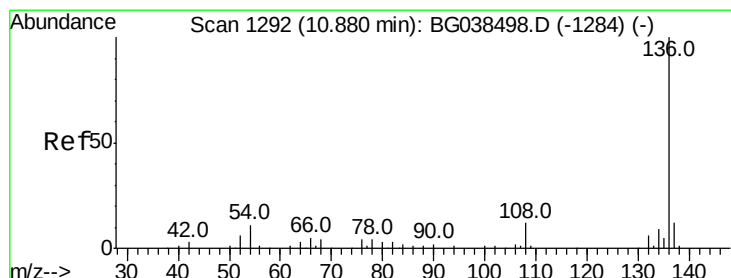
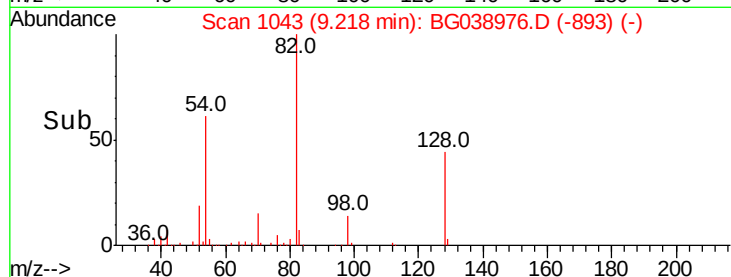
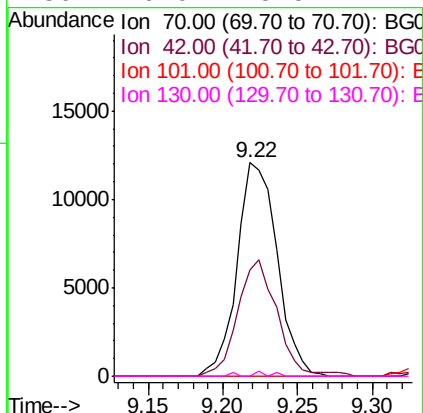
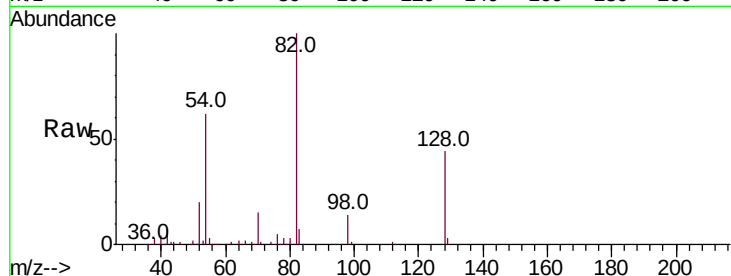




#19
n-Nitroso-di-n-propylamine
Concen: 12.548 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.35 min
Lab File: BG038976.D
Acq: 7 Jan 2019 21:09

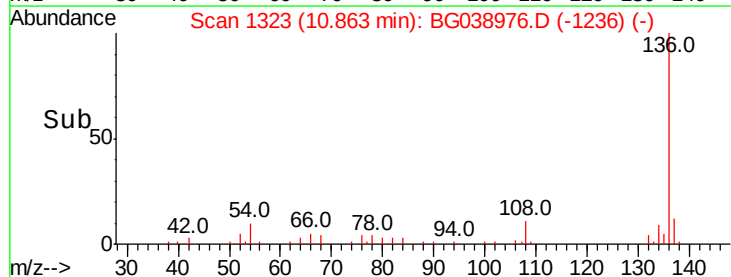
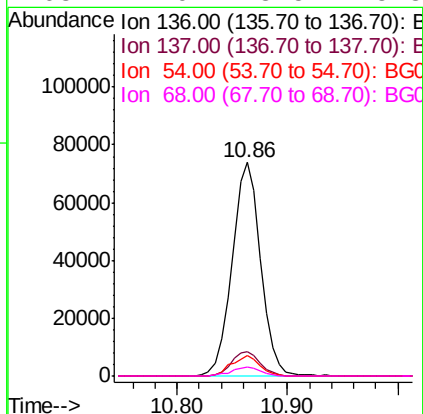
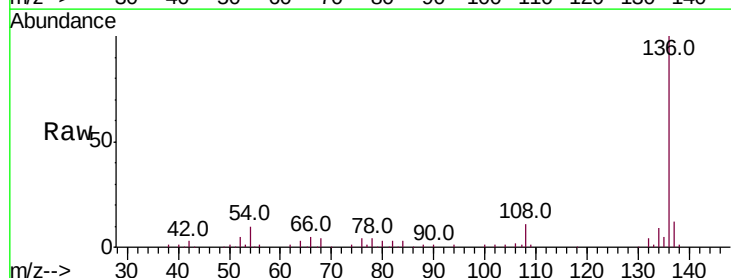
Instrument :
BNA_G
ClientSampleId :

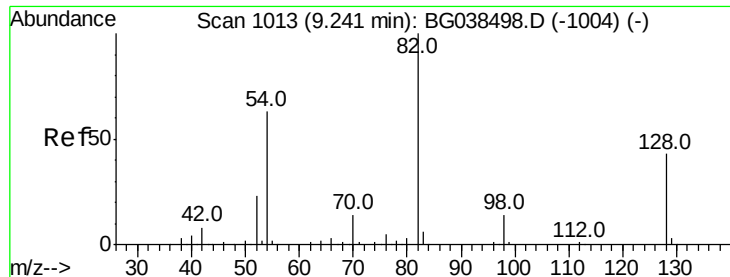
Tot Ion: 70 Resp: 22453
Ion Ratio Lower Upper
70 100
42 50.0 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038976.D
Acq: 7 Jan 2019 21:09

Tgt Ion:136 Resp: 133652
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.6 8.5 12.7
68 4.0 3.5 5.3

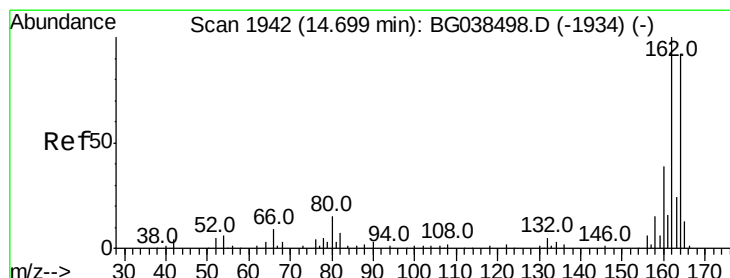
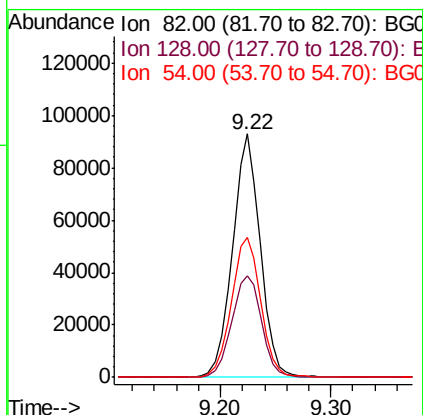
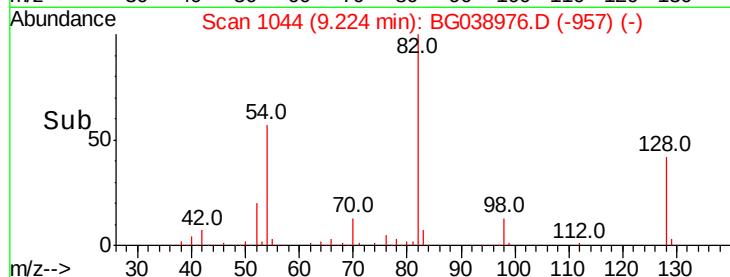
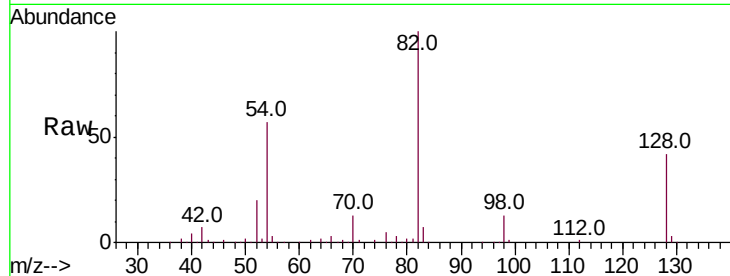




#23
 Nitrobenzene-d5
 Concen: 62.330 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

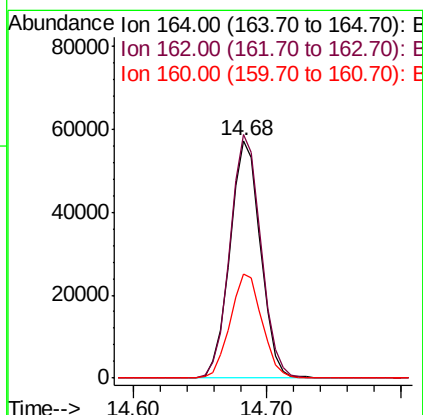
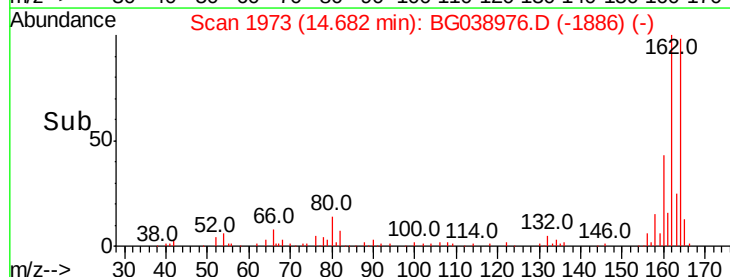
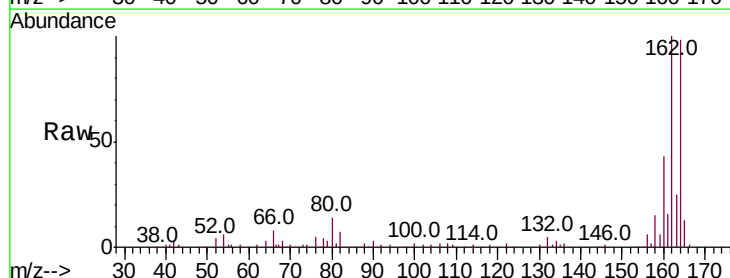
Instrument :
 BNA_G
 ClientSampleID :

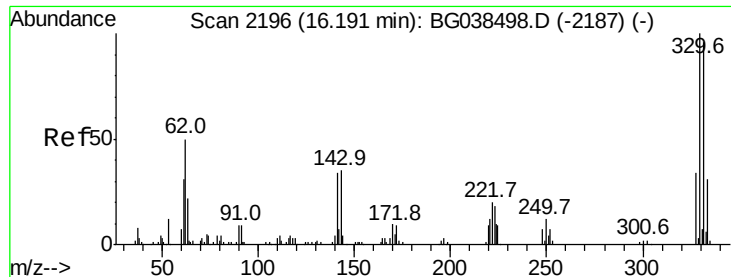
Tot Ion: 82 Resp: 163064
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 57.3 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

Tgt Ion: 164 Resp: 91439
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.6 130.0
 160 44.0 34.2 51.2

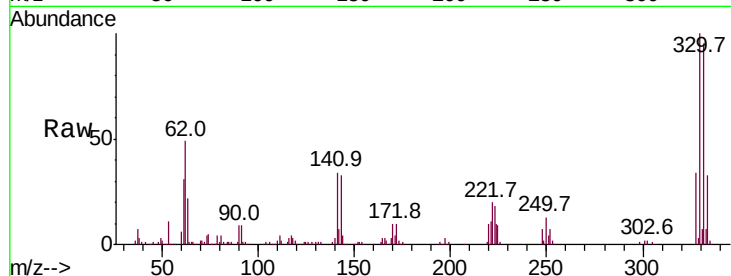




#42
 2,4,6-Tribromophenol
 Concen: 121.354 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	32.6	28.8	43.2

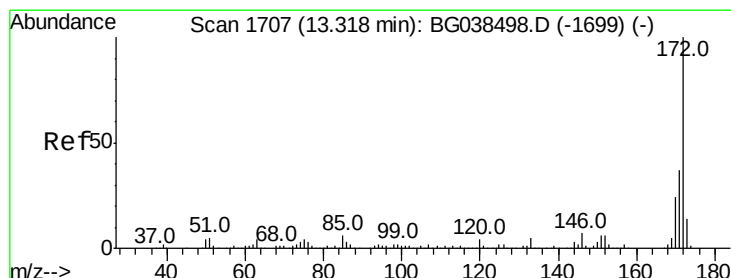
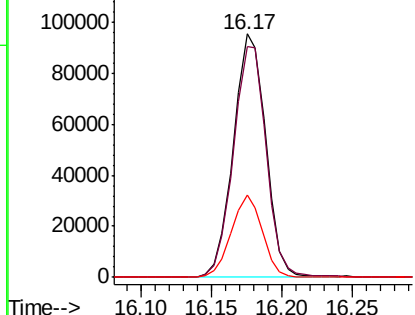
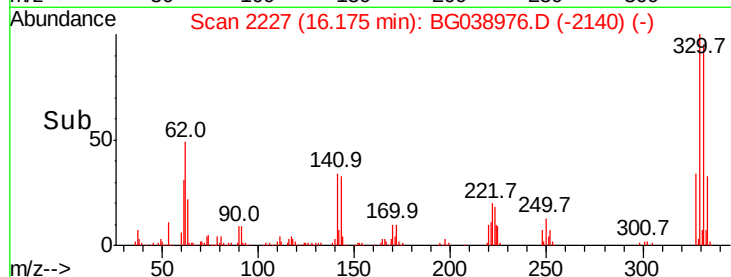


Abundance

Ion 329.80 (329.50 to 330.50): E

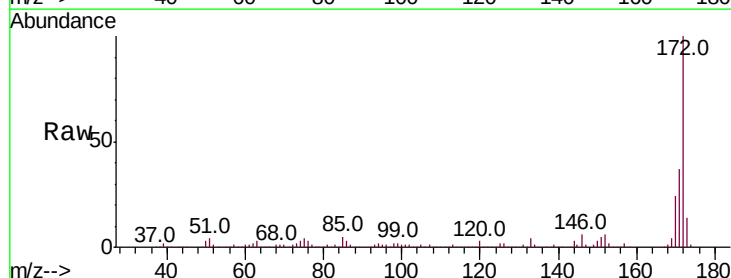
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.298 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.3	19.5	29.3

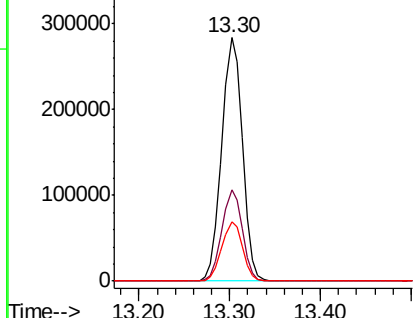
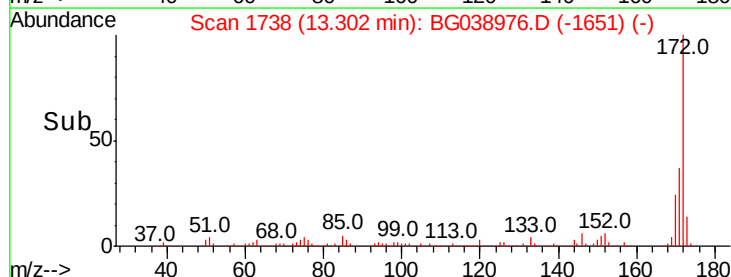


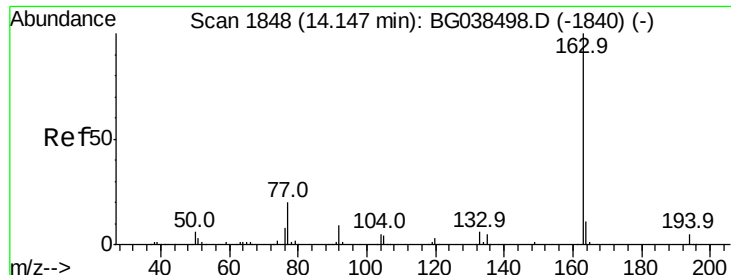
Abundance

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: 2.415 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

Instrument :

BNA_G

ClientSampleId :

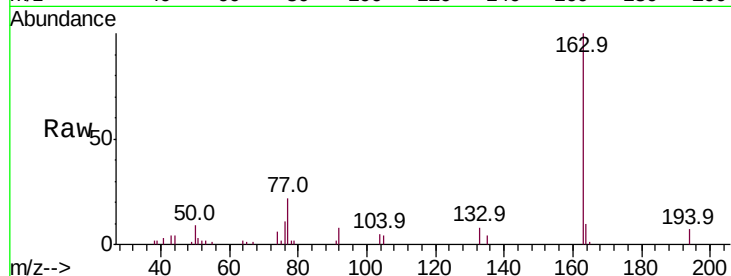
Tot Ion:163 Resp: 18030

Ion Ratio Lower Upper

163 100

194 7.4 3.7 5.5#

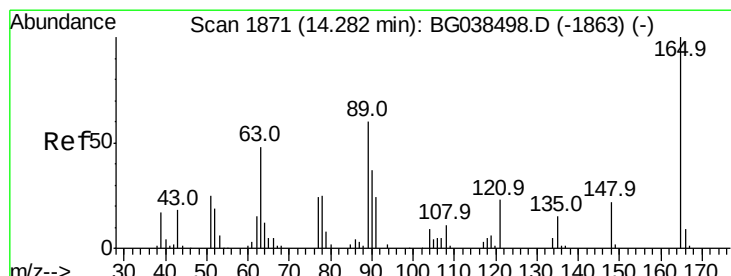
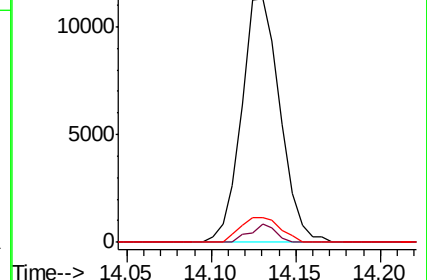
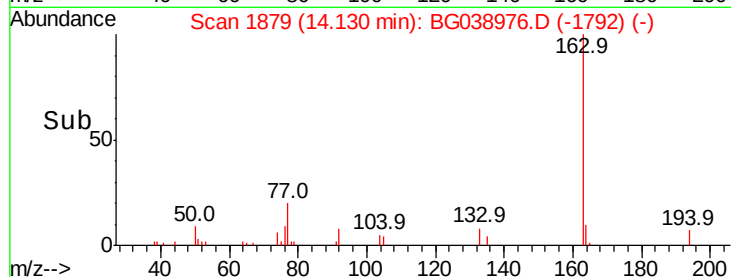
164 10.1 8.6 12.8



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: 7.161 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.40 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

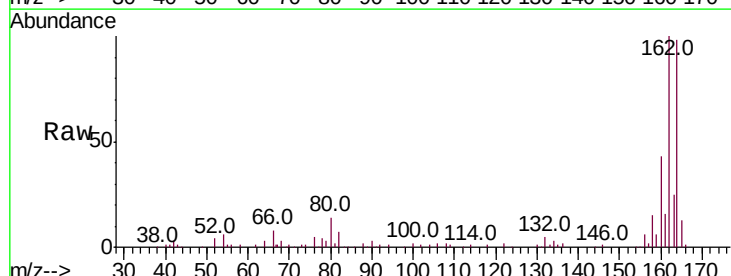
Tgt Ion:165 Resp: 12117

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

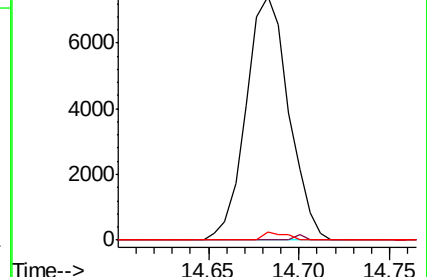
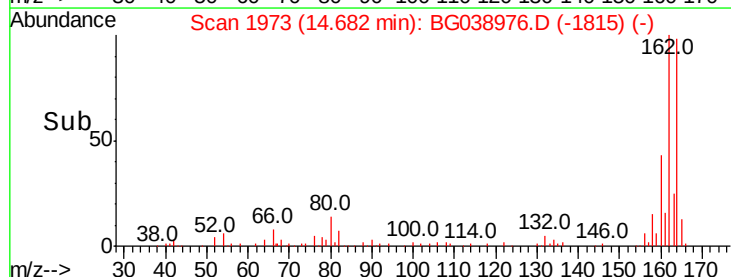
89 3.1 47.9 71.9#

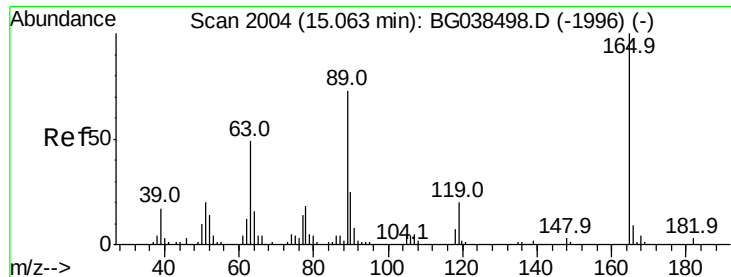


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

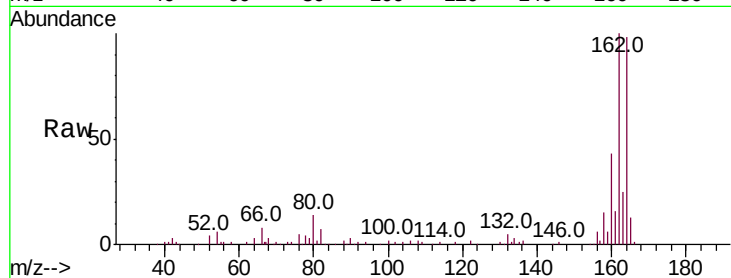




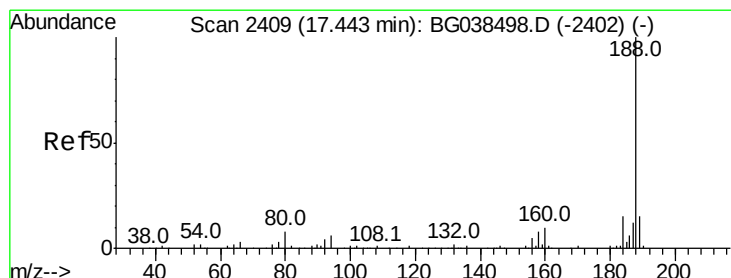
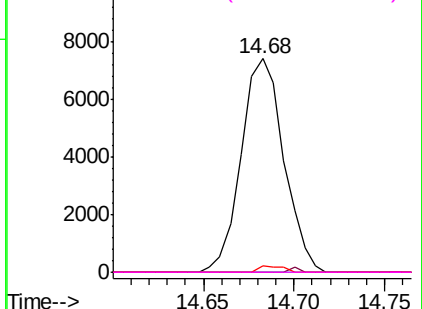
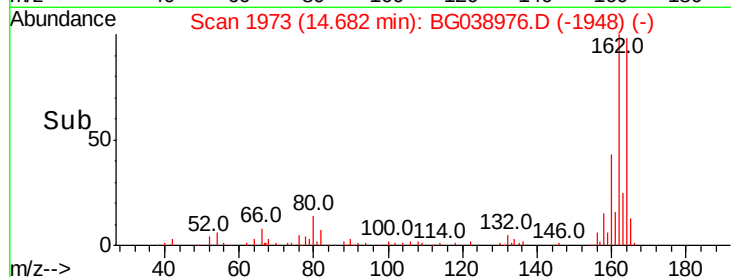
#57
 2,4-Dinitrotoluene
 Concen: 5.084 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12117
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 3.1 58.0 87.0#
 182 0.0 2.3 3.5#

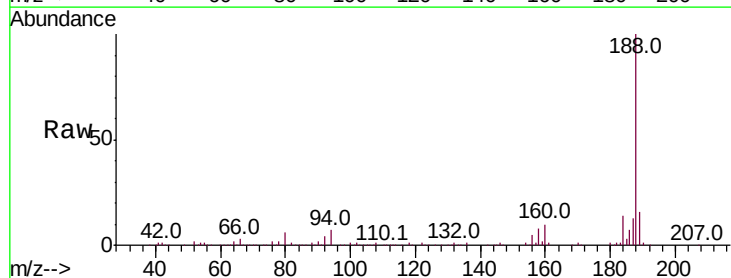


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

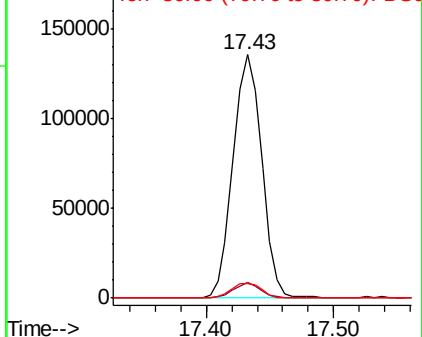
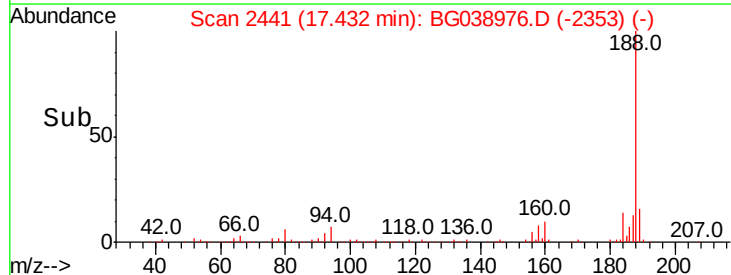


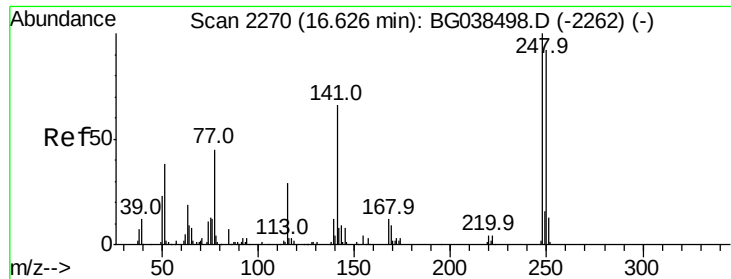
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038976.D
 Acq: 7 Jan 2019 21:09

Tgt Ion:188 Resp: 213483
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 5.8 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: 3.915 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.45 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

Instrument :

BNA_G

ClientSampleId :

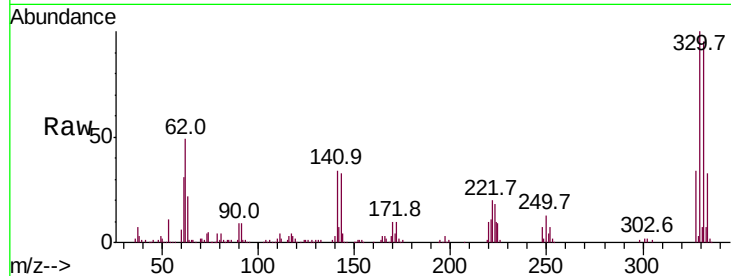
Tot Ion:248 Resp: 10208

Ion Ratio Lower Upper

248 100

250 190.3 73.4 110.2#

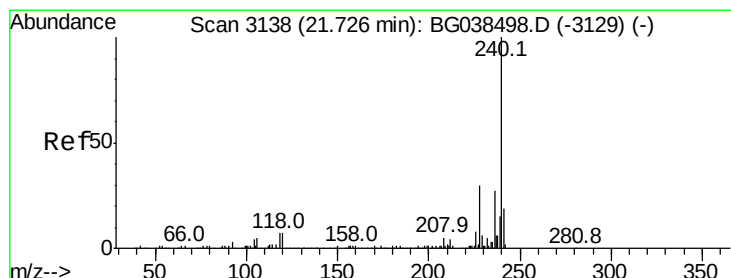
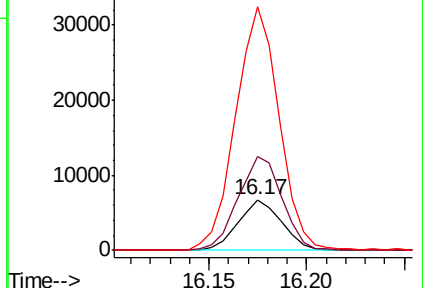
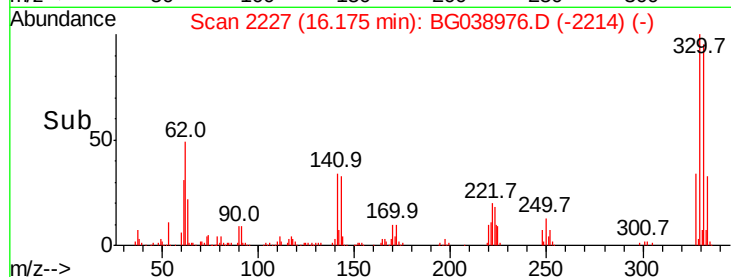
141 373.3 52.9 79.3#



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

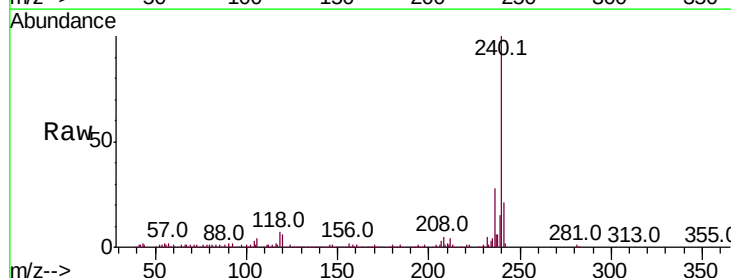
Tgt Ion:240 Resp: 207330

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

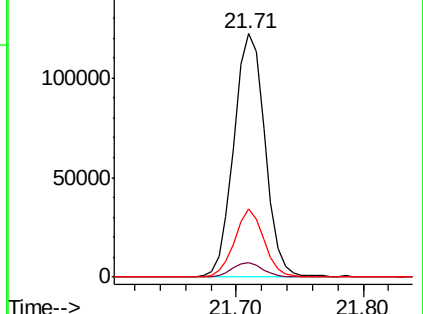
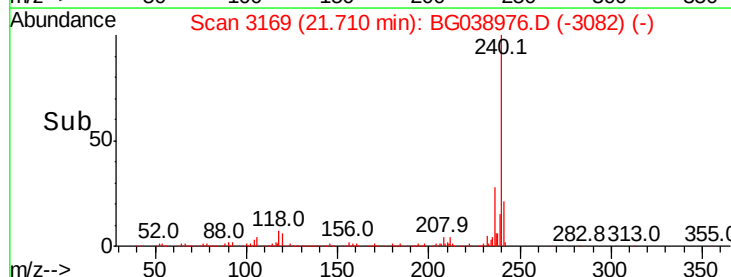
236 27.8 21.4 32.2

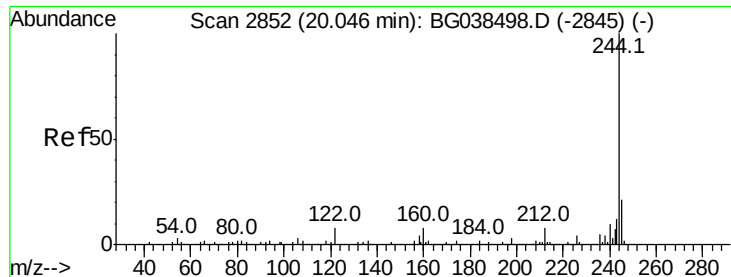


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.693 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

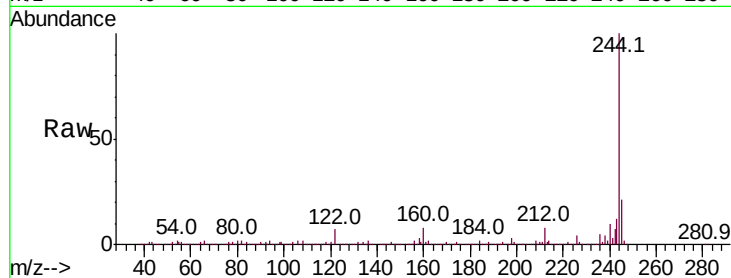
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 730623

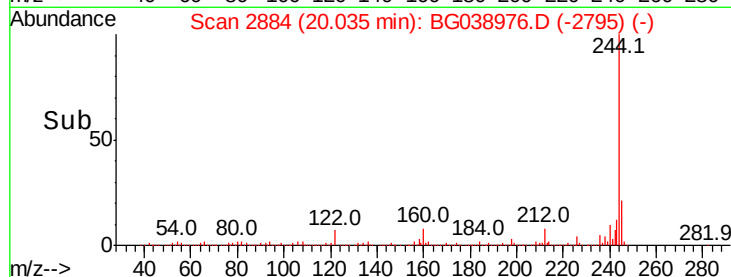
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.0	6.3	9.5



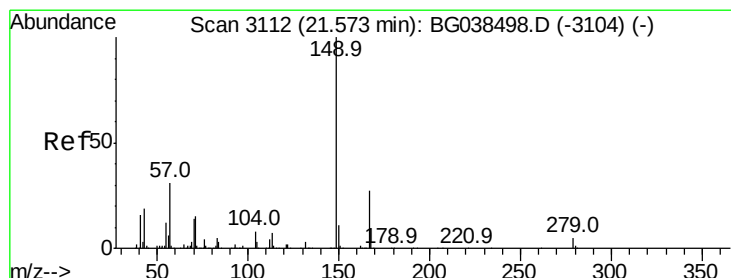
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.162 ng

RT: 21.56 min Scan# 3143

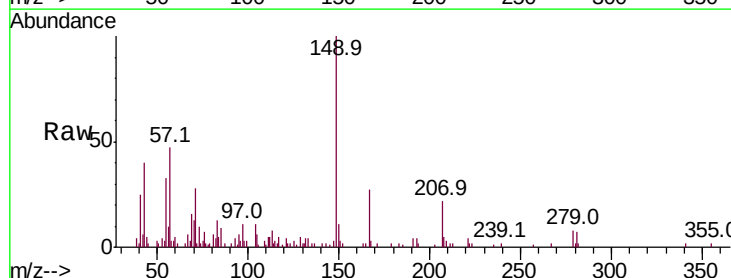
Delta R.T. -0.02 min

Lab File: BG038976.D

Acq: 7 Jan 2019 21:09

Tgt Ion:149 Resp: 16412

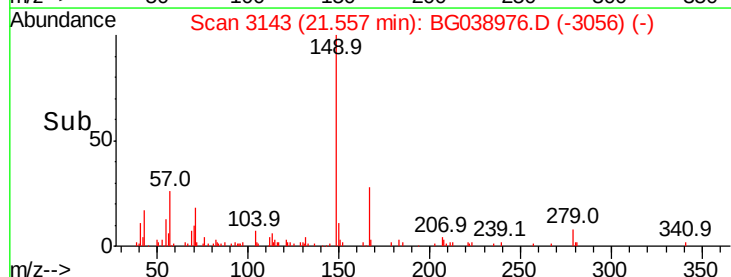
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.9	32.9
279	7.6	4.2	6.2#



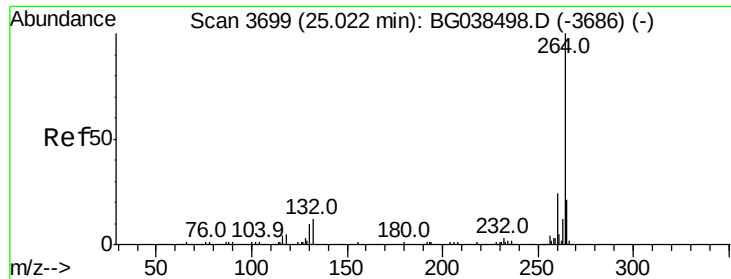
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038976.D
Acq: 7 Jan 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.2	17.0	25.4

