

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037944.D
 Acq On : 12 Nov 2018 14:50
 Operator : JU/SJ
 Sample : J5895-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 17:16:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

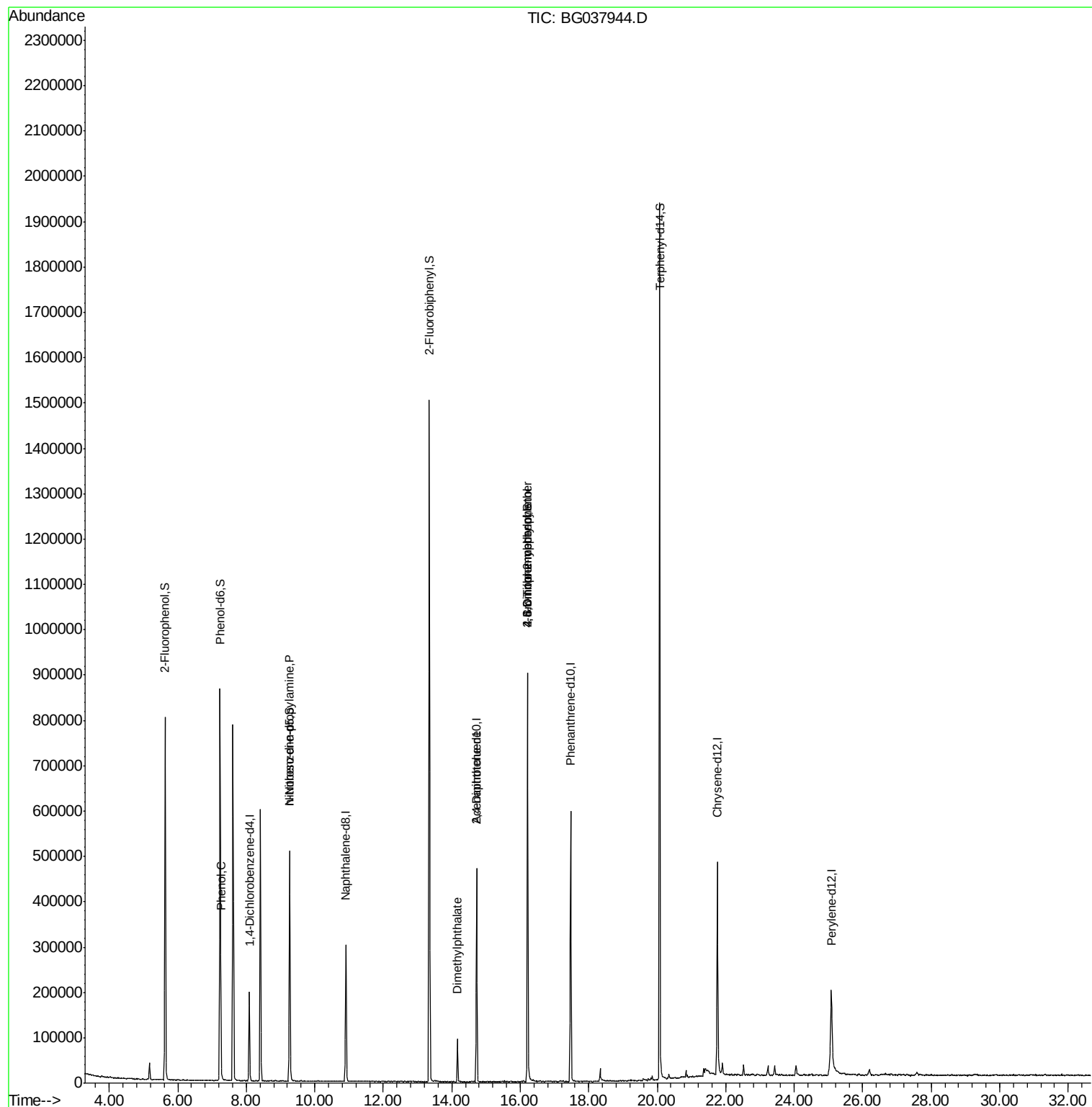
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	59752	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	272695	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	174854	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	376683	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	328280	20.00	ng	-0.02
87) Perylene-d12	25.08	264	275523	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370407	103.64	ng	-0.01
7) Phenol-d6	7.24	99	555301	102.75	ng	-0.01
23) Nitrobenzene-d5	9.26	82	334414	68.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	175774	92.17	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	813222	70.13	ng	-0.02
79) Terphenyl-d14	20.07	244	1055410	68.70	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	24273	4.257	ng	89
19) n-Nitroso-di-n-propylamine	9.26	70	42107	11.315	ng	# 66
50) Dimethylphthalate	14.17	163	69502	5.138	ng	99
57) 2,4-Dinitrotoluene	14.73	165	22853	5.818	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	490	8.711	ng	86
67) 4-Bromophenyl-phenylether	16.21	248	12453	3.010	ng	# 1

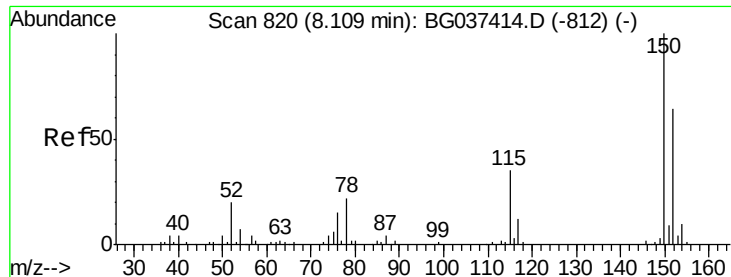
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :

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Response via : Initial Calibration



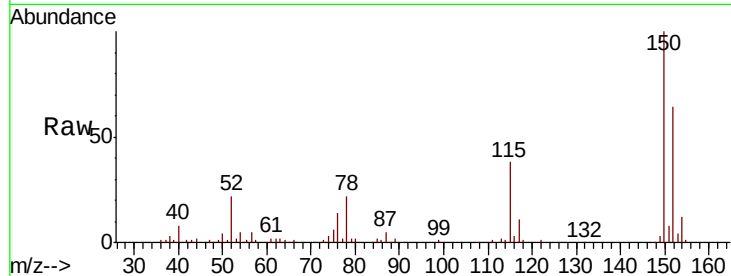


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.0	189.0
115	59.3	45.5	68.3

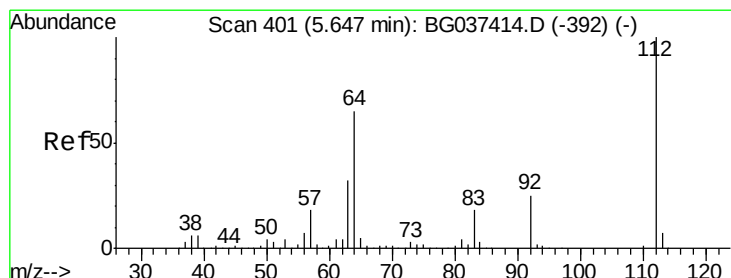
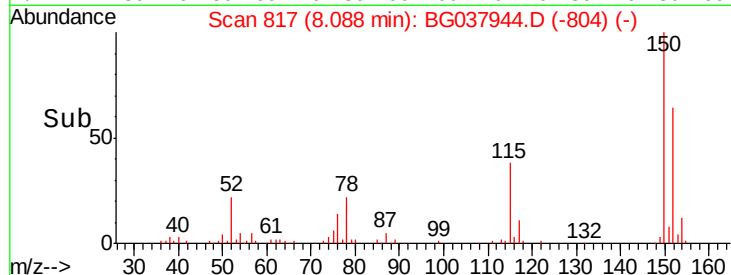
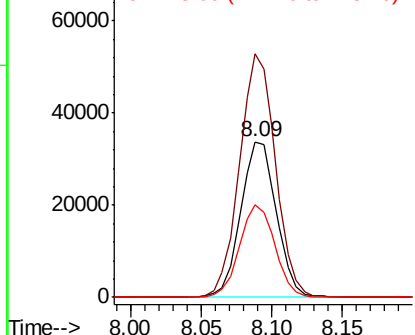


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

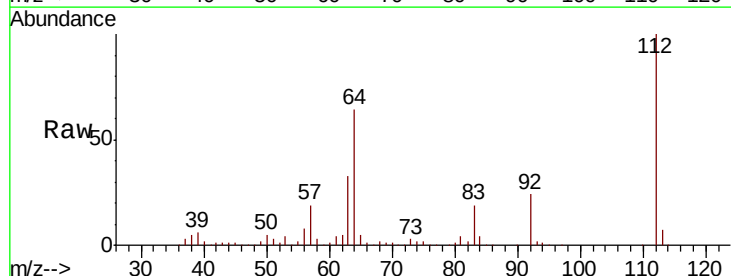
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.639 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.1	79.7
63	33.3	27.3	40.9

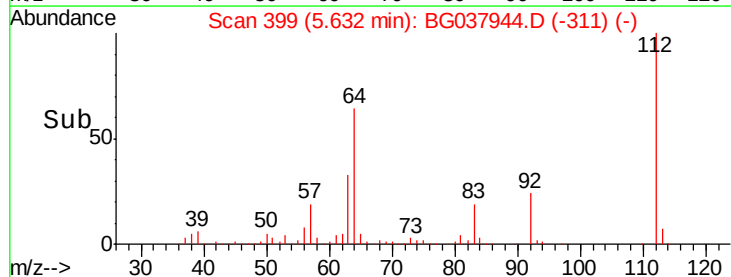
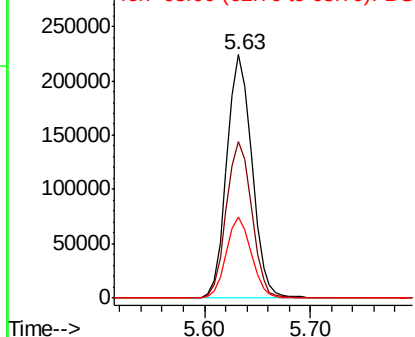


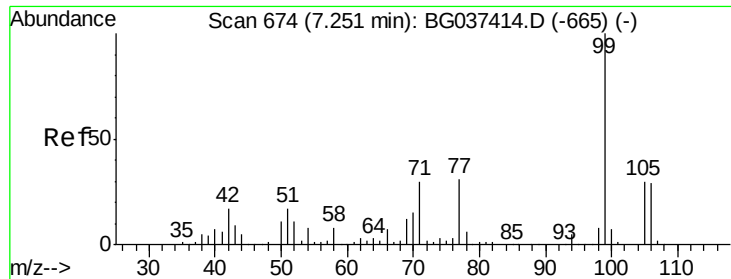
Abundance

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: 102.751 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampled :

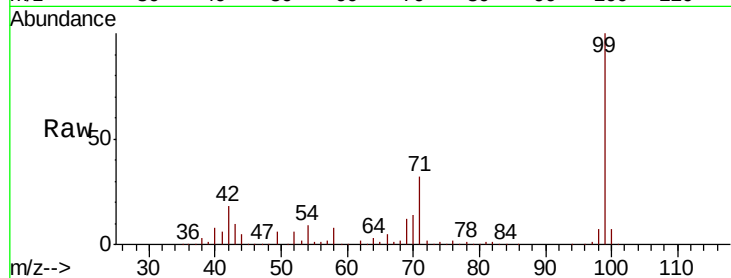
Tot Ion: 99 Resp: 555301

Ion Ratio Lower Upper

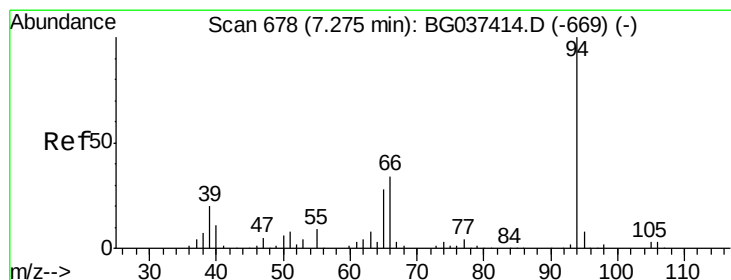
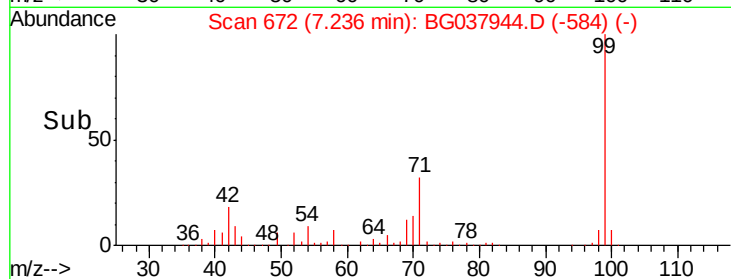
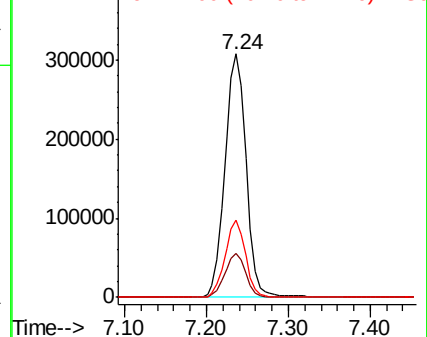
99 100

42 17.9 15.0 22.4

71 31.9 25.5 38.3



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: 4.257 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

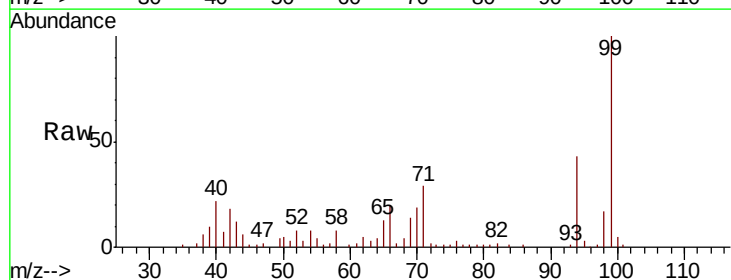
Tgt Ion: 94 Resp: 24273

Ion Ratio Lower Upper

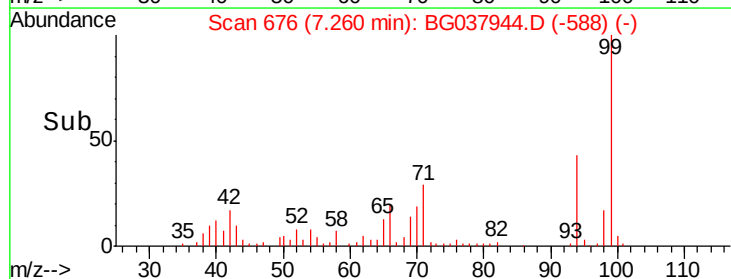
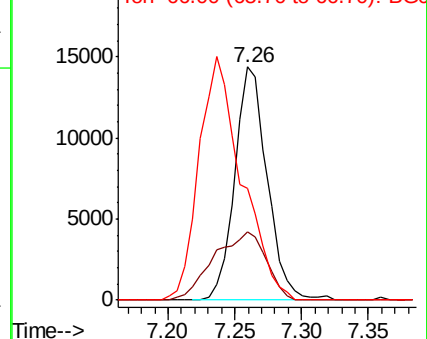
94 100

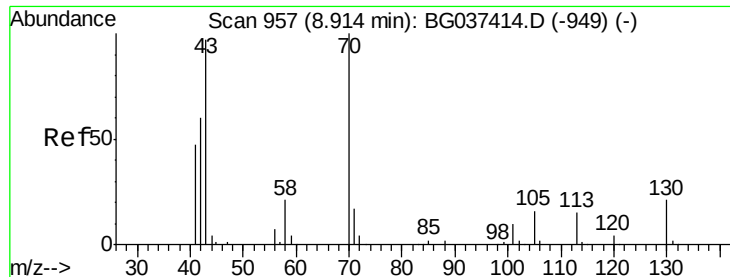
65 29.3 9.7 49.7

66 47.8 15.9 55.9



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

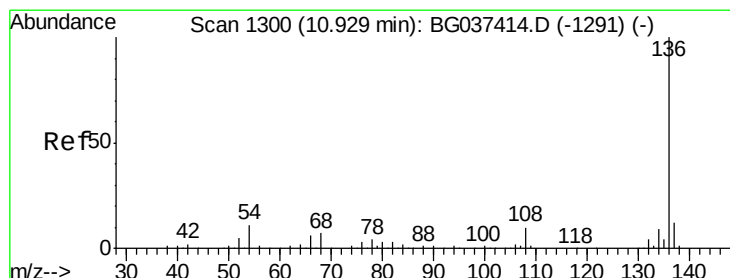
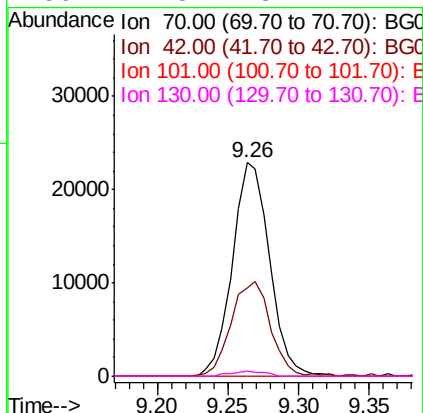
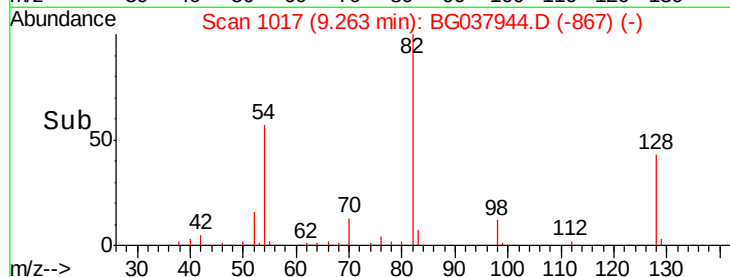
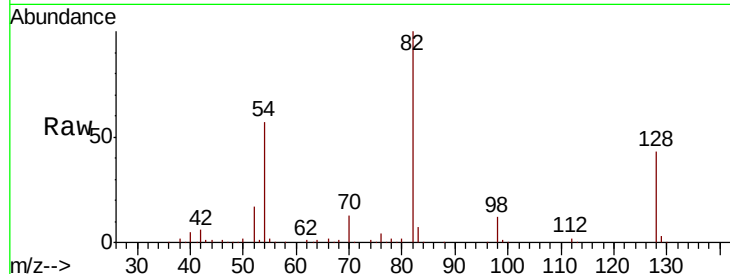




#19
n-Nitroso-di-n-propylamine
Concen: 11.315 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.35 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

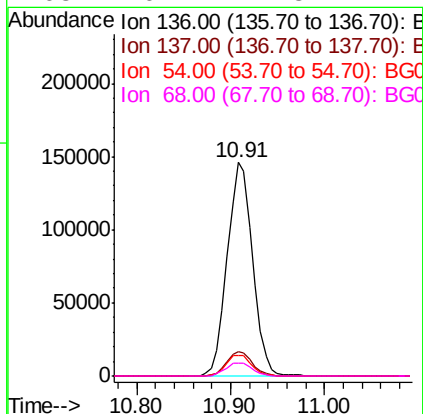
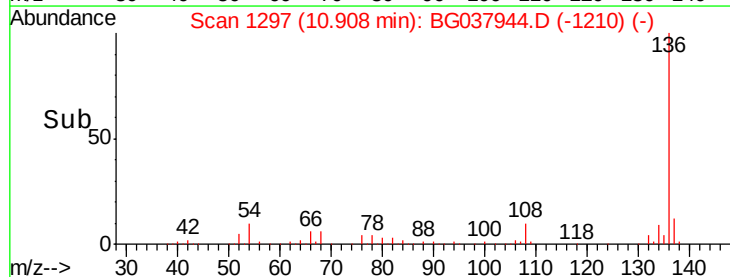
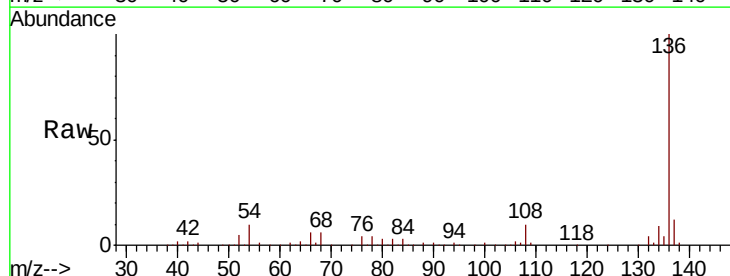
Instrument :
BNA_G
ClientSampleId :

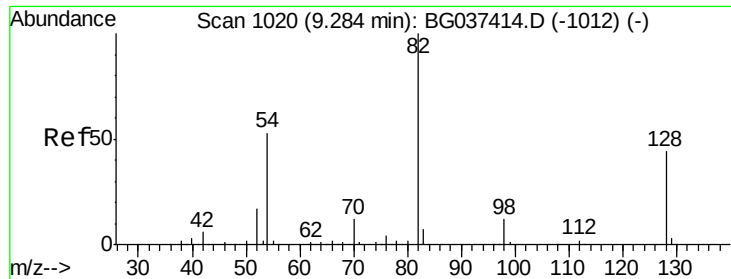
Tot Ion: 70 Resp: 42107
Ion Ratio Lower Upper
70 100
42 41.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037944.D
Acq: 12 Nov 2018 14:50

Tgt Ion: 136 Resp: 272695
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.8 7.9 11.9
68 6.2 4.8 7.2

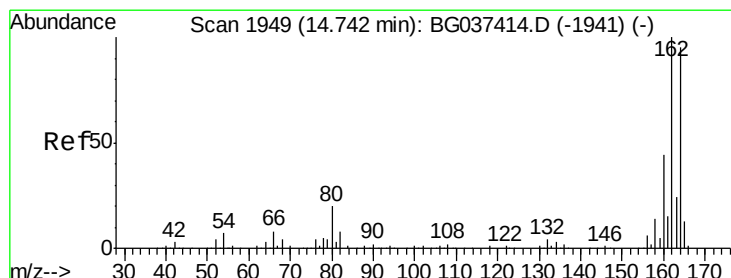
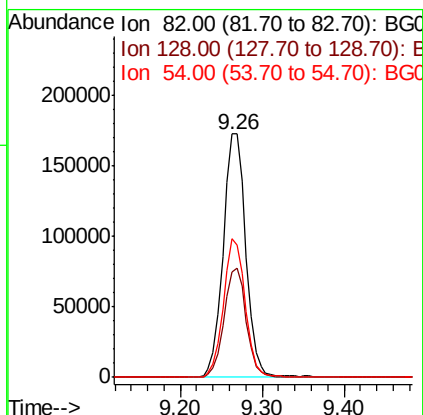
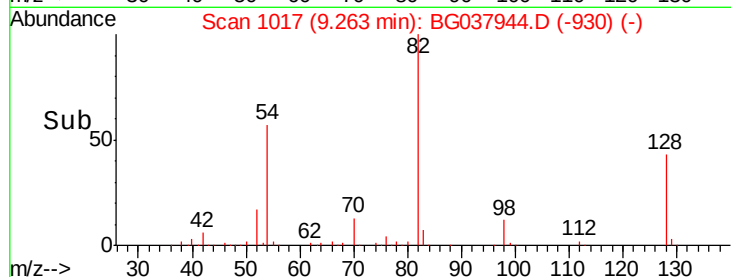
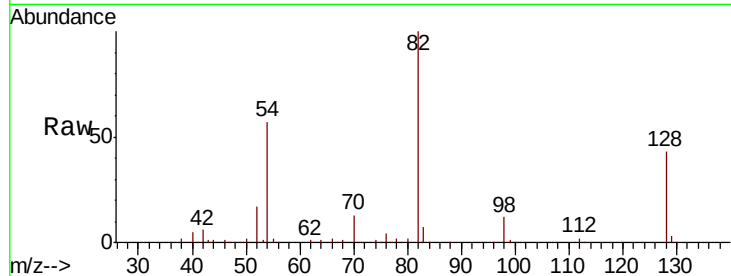




#23
 Nitrobenzene-d5
 Concen: 68.698 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG037944.D
 Acq: 12 Nov 2018 14:50

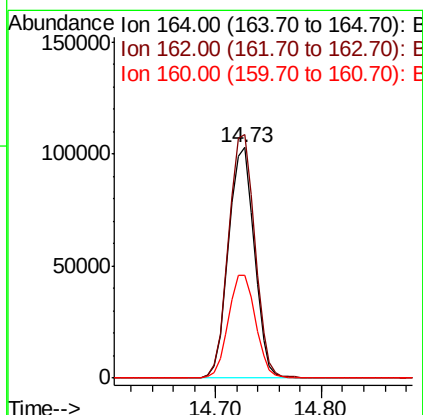
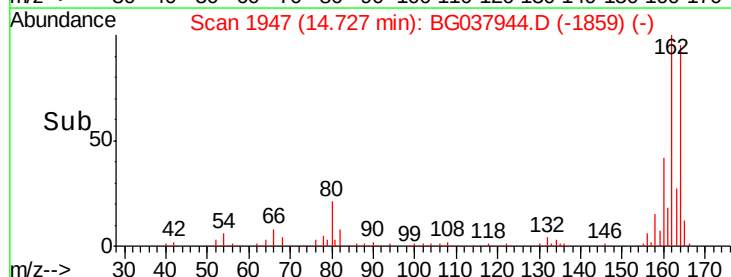
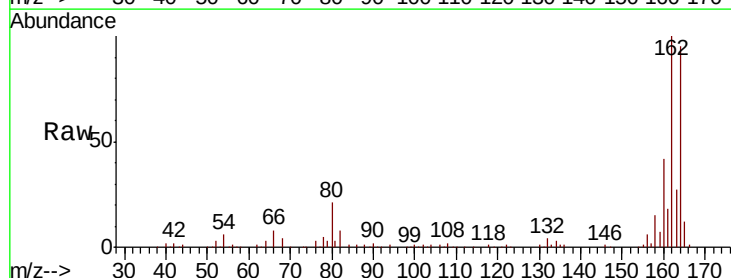
Instrument :
 BNA_G
 ClientSampled :

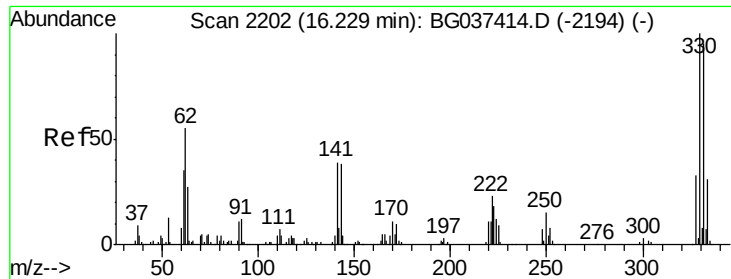
Tot Ion: 82 Resp: 334414
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 51.8
 54 56.9 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037944.D
 Acq: 12 Nov 2018 14:50

Tgt Ion: 164 Resp: 174854
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.3 121.9
 160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 92.168 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampled :

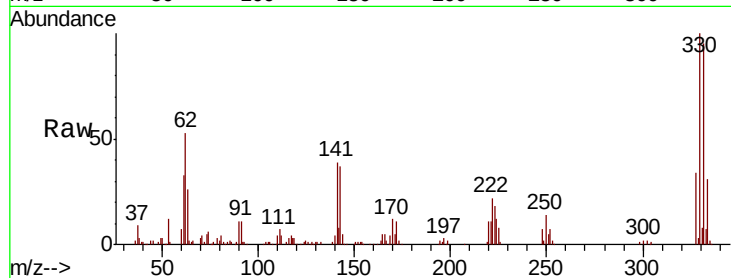
Tot Ion:330 Resp: 175774

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

141 38.4 32.2 48.2

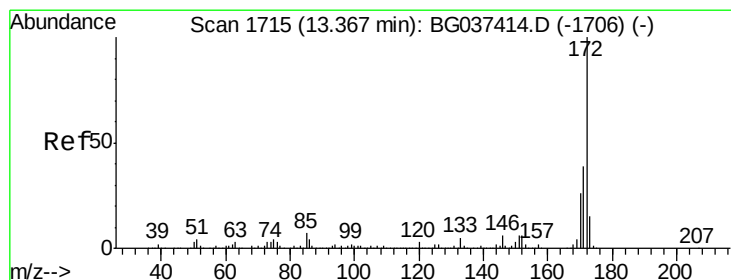
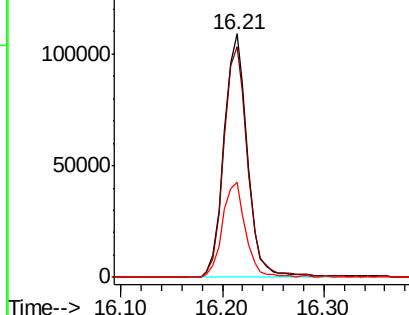
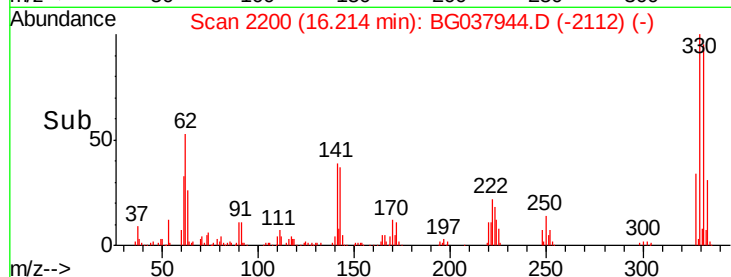


Abundance

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: 70.132 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

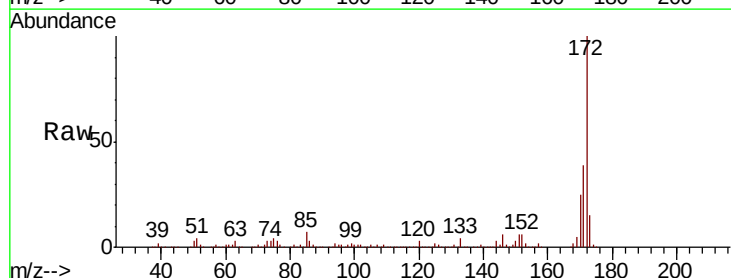
Tgt Ion:172 Resp: 813222

Ion Ratio Lower Upper

172 100

171 38.9 31.0 46.4

170 25.0 20.2 30.2

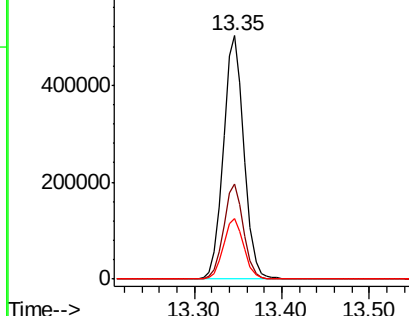
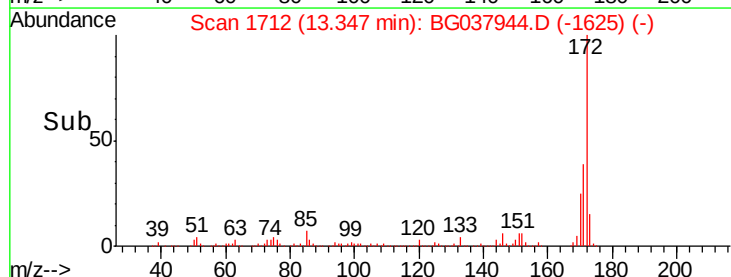


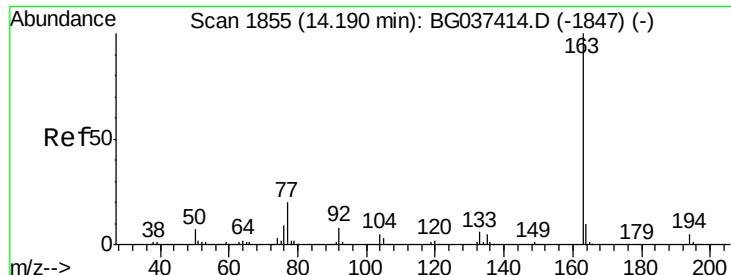
Abundance

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: 5.138 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampleId :

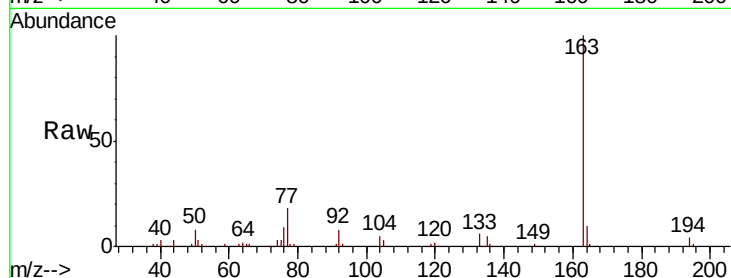
Tot Ion:163 Resp: 69502

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

164 10.3 8.5 12.7

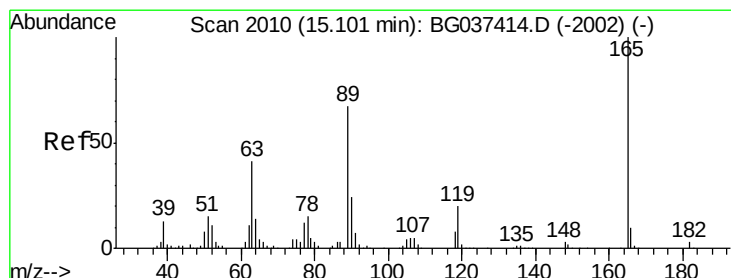
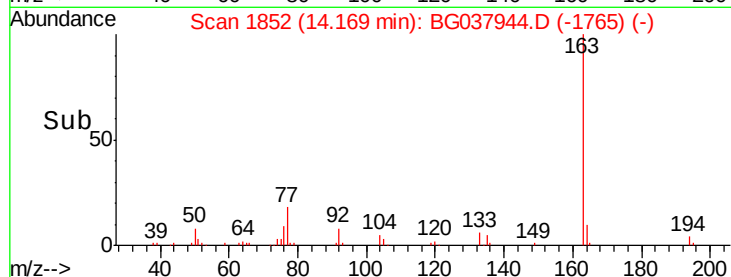
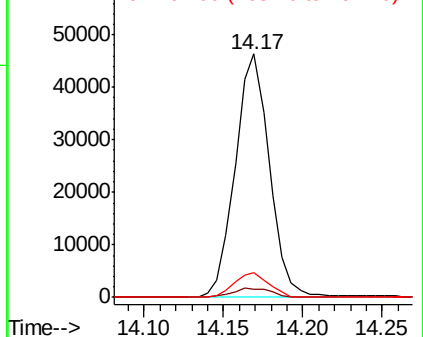


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 5.818 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Tgt Ion:165 Resp: 22853

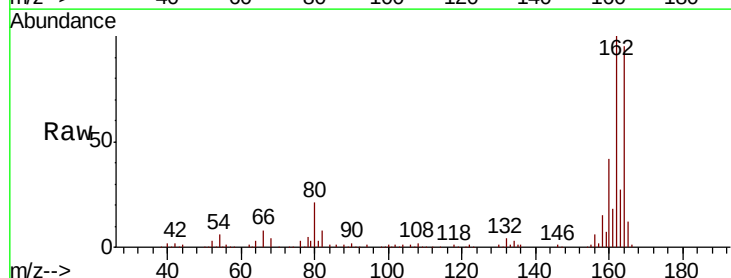
Ion Ratio Lower Upper

165 100

63 1.3 33.4 50.0#

89 2.6 57.2 85.8#

182 0.0 2.6 4.0#



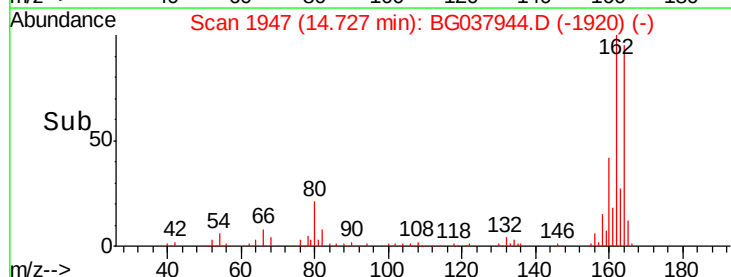
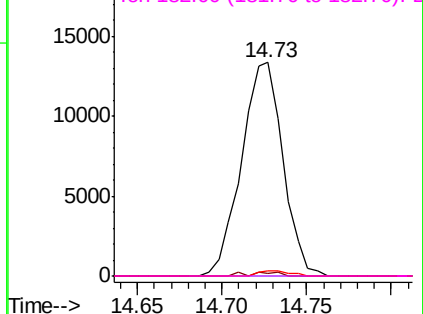
Abundance

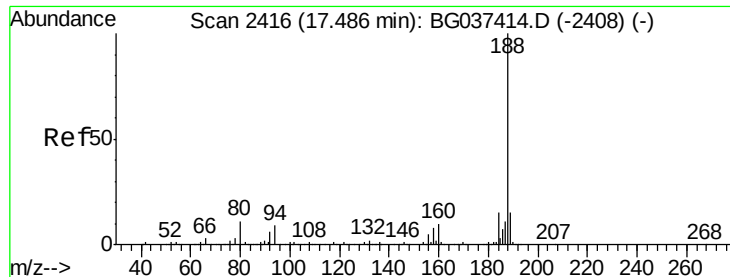
Ion 165.00 (164.70 to 165.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampleId :

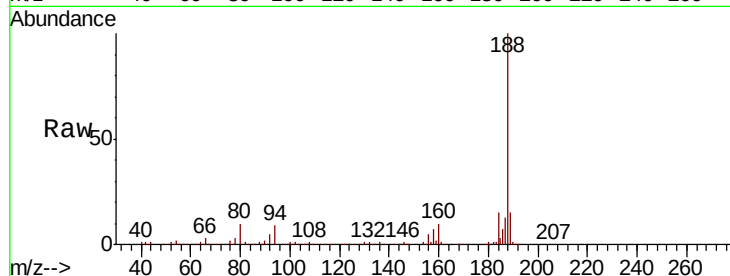
Tot Ion:188 Resp: 376683

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

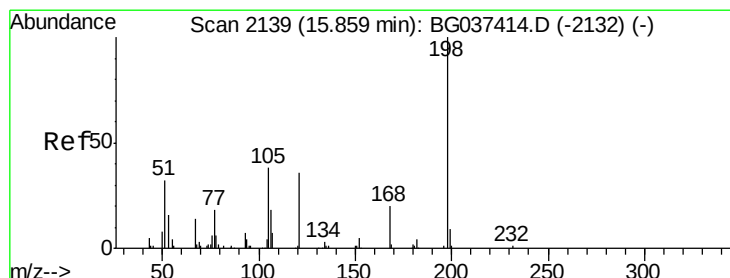
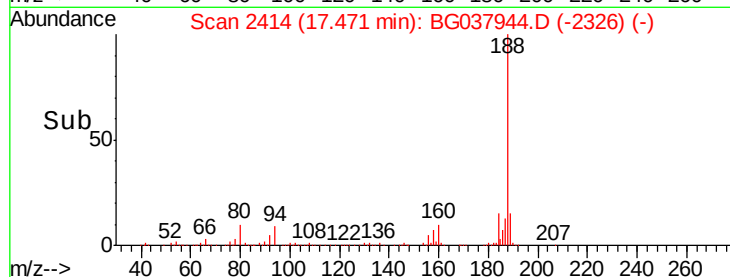
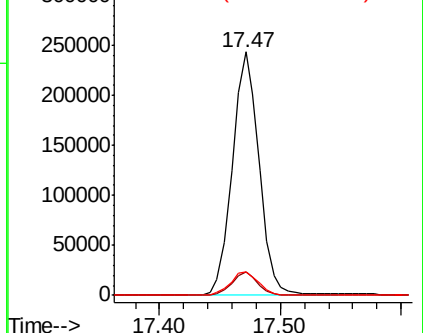
80 9.8 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.711 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

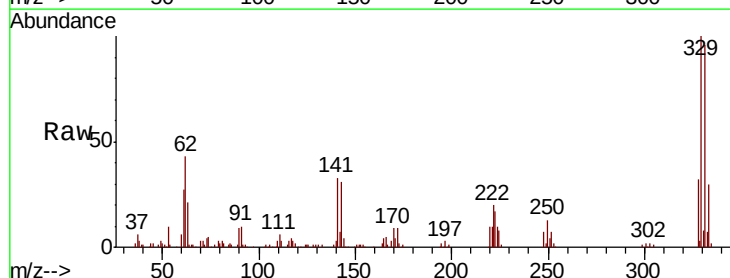
Tgt Ion:198 Resp: 490

Ion Ratio Lower Upper

198 100

51 36.2 22.7 62.7

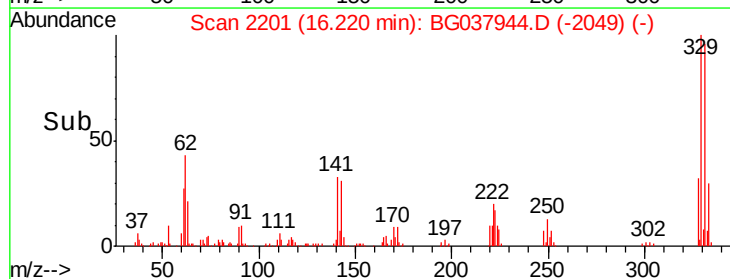
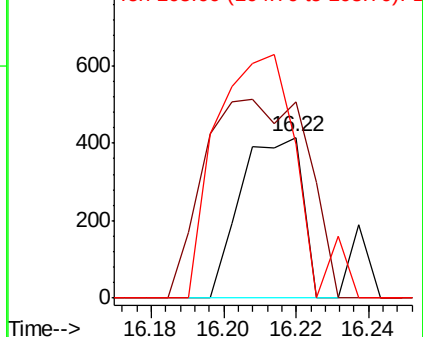
105 28.3 19.7 59.7

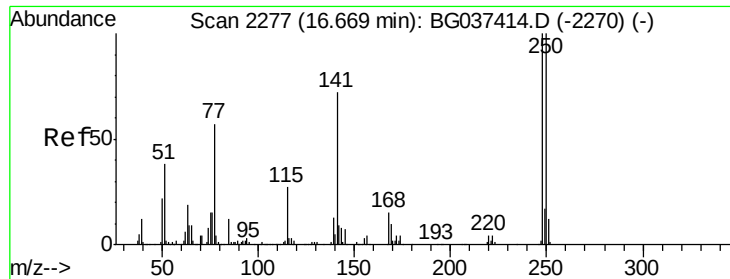


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

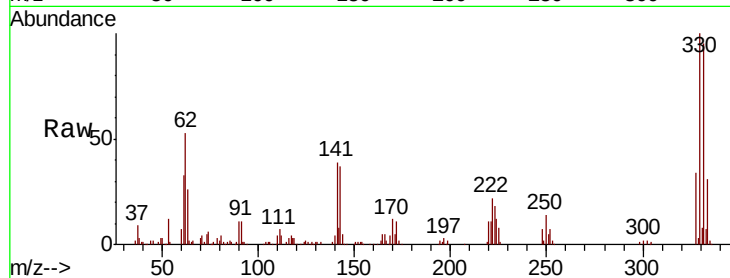




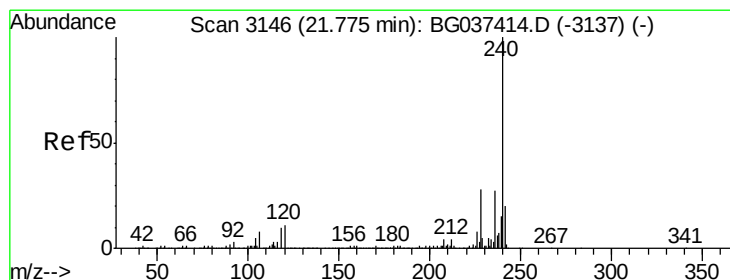
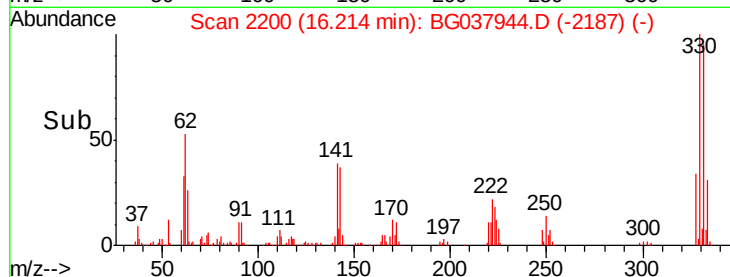
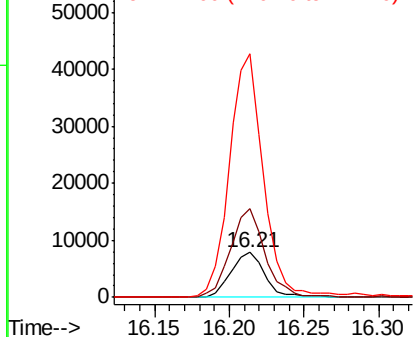
#67
 4-Bromophenyl-phenylether
 Concen: 3.010 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037944.D
 Acq: 12 Nov 2018 14:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12453
 Ion Ratio Lower Upper
 248 100
 250 203.0 77.0 115.6#
 141 422.2 55.5 83.3#

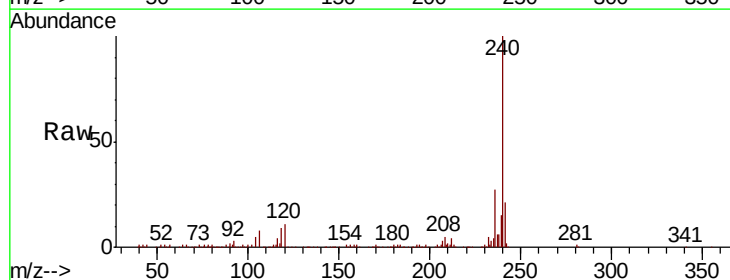


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

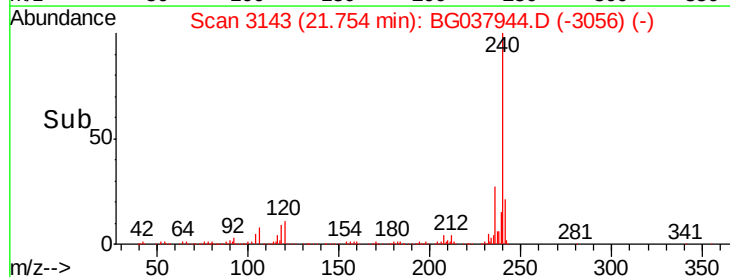
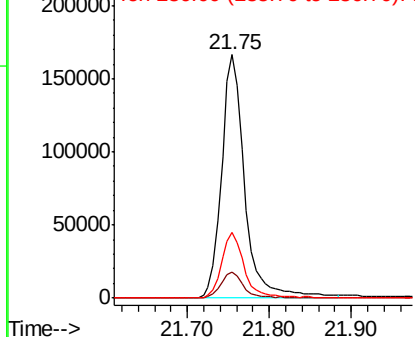


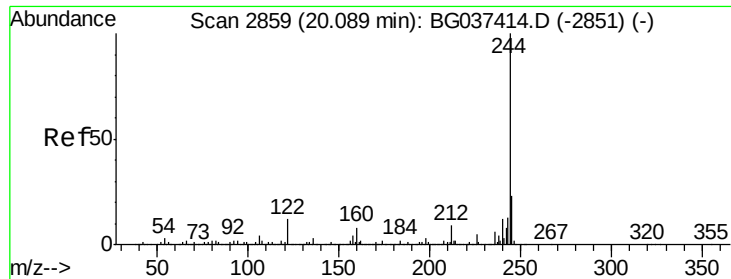
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037944.D
 Acq: 12 Nov 2018 14:50

Tgt Ion:240 Resp: 328280
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 26.8 21.4 32.0



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: 68.696 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

Instrument :

BNA_G

ClientSampleId :

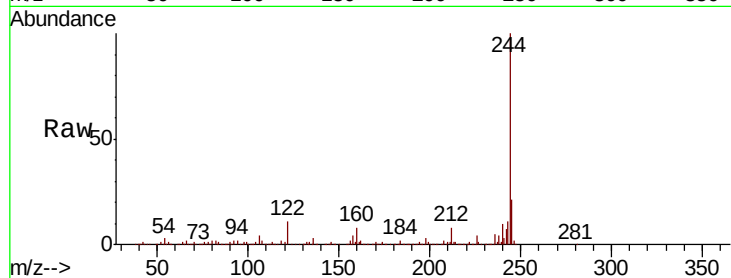
Tot Ion:244 Resp: 1055410

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

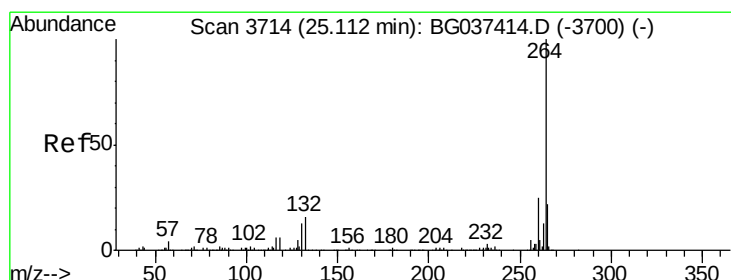
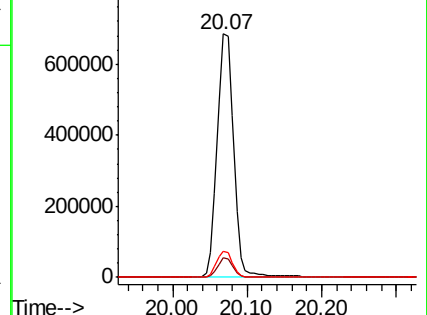
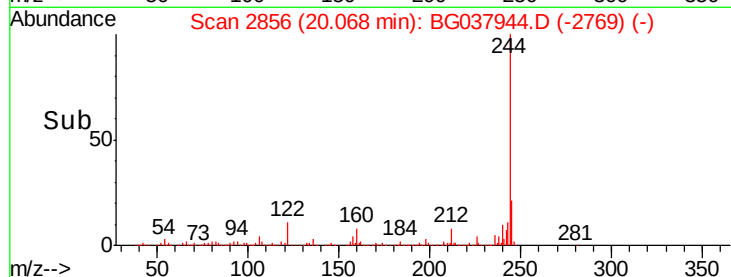
122 10.8 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037944.D

Acq: 12 Nov 2018 14:50

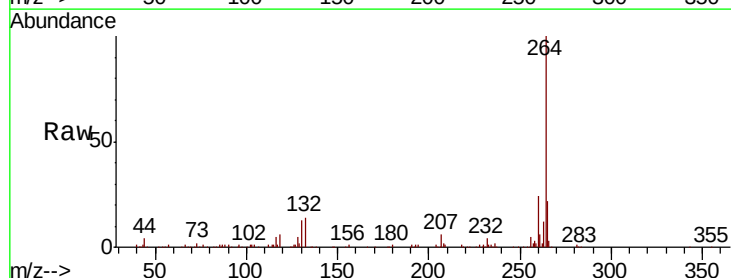
Tgt Ion:264 Resp: 275523

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.6 17.9 26.9



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

