

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037720.D
 Acq On : 1 Nov 2018 15:55
 Operator : JU/SJ
 Sample : J5741-27
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:09:19 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

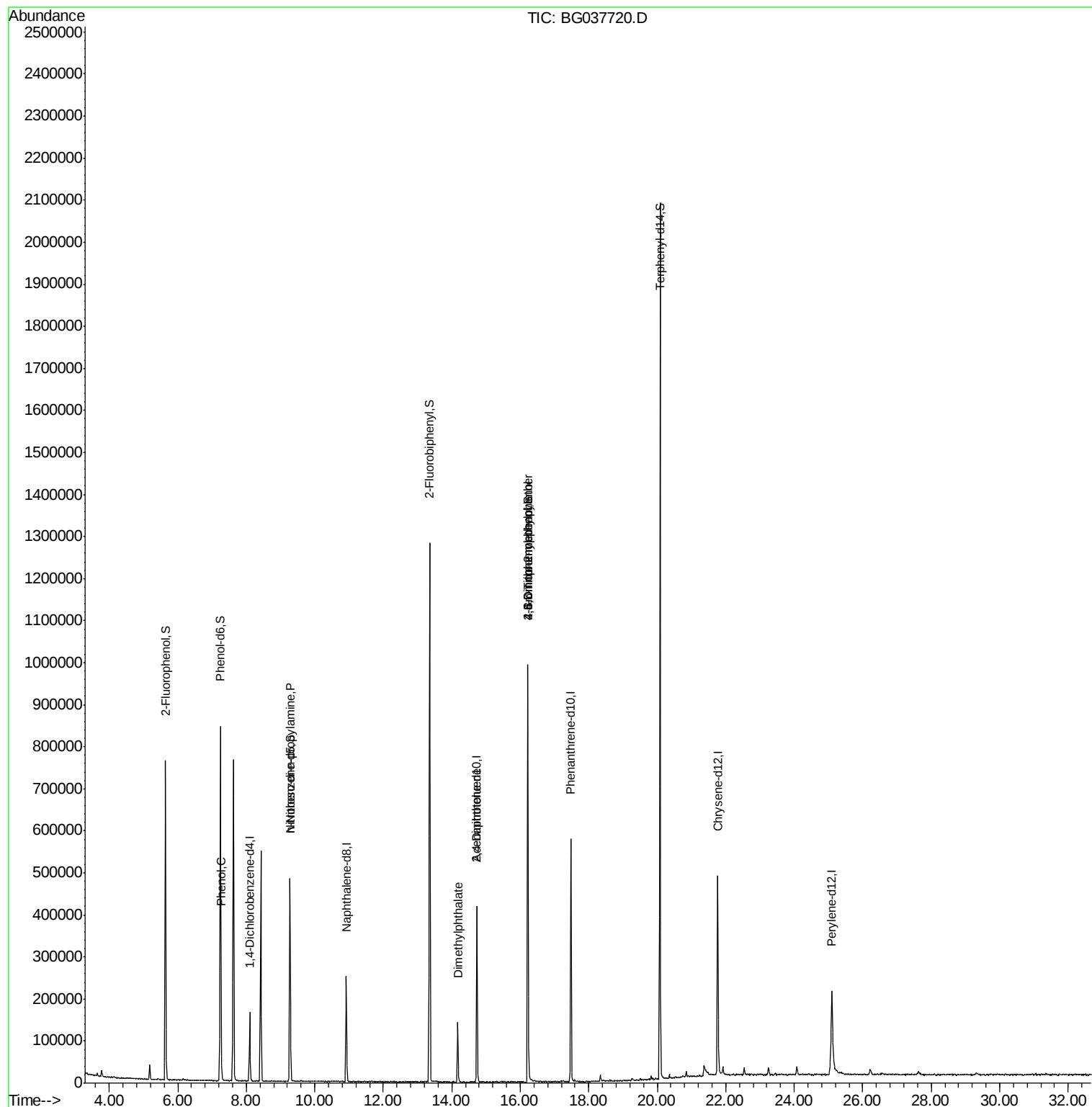
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50716	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	226502	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	155313	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	367914	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333653	20.00	ng	0.00
87) Perylene-d12	25.10	264	297591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349165	115.10	ng	0.00
7) Phenol-d6	7.24	99	528536	115.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	307617	76.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	182933	107.99	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	707761	68.72	ng	-0.01
79) Terphenyl-d14	20.08	244	1016010	65.07	ng	0.00
Target Compounds						
10) Phenol	7.27	94	31288	6.465	ng	92
19) n-Nitroso-di-n-propylamine	9.28	70	39440	12.486	ng	# 72
50) Dimethylphthalate	14.18	163	102762	8.553	ng	# 98
57) 2,4-Dinitrotoluene	14.73	165	19219	5.508	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	525	8.731	ng	89
67) 4-Bromophenyl-phenylether	16.22	248	13126	3.249	ng	# 1

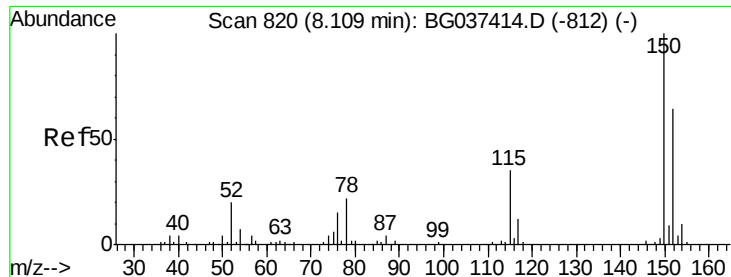
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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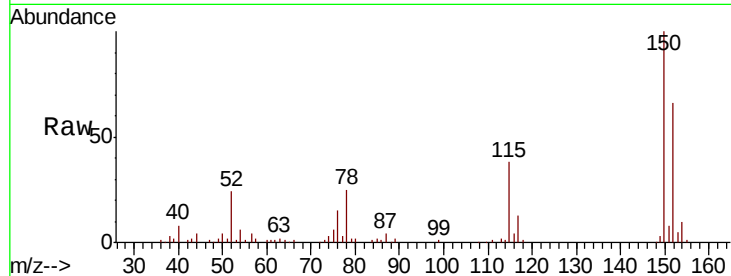


#1

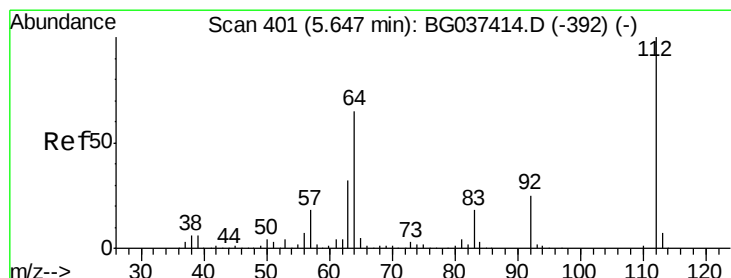
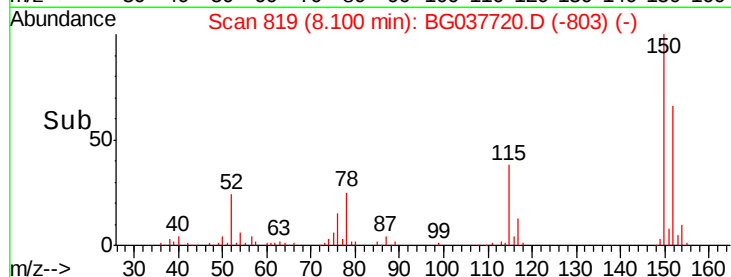
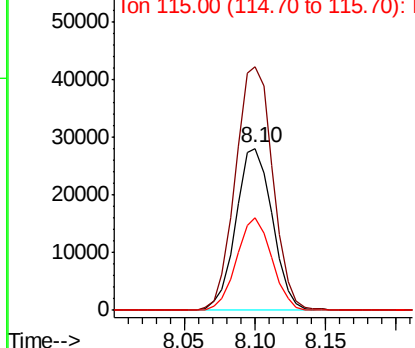
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50716
Ion Ratio Lower Upper
152 100
150 150.4 126.0 189.0
115 57.5 45.5 68.3



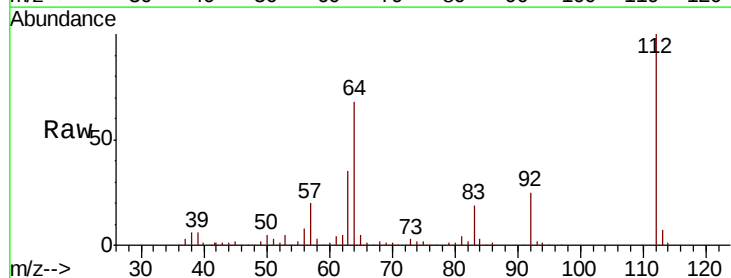
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



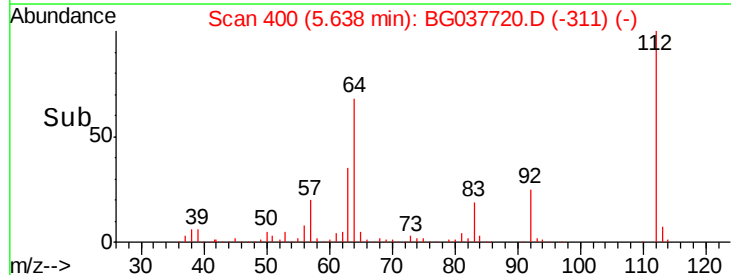
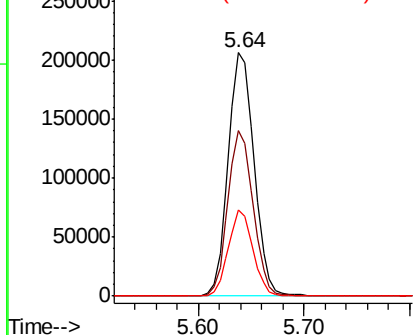
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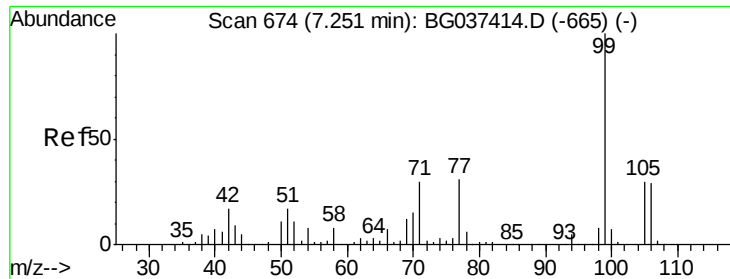
2-Fluorophenol
Concen: 115.102 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

Tgt Ion:112 Resp: 349165
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 35.4 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: 115.223 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_G

ClientSampleId :

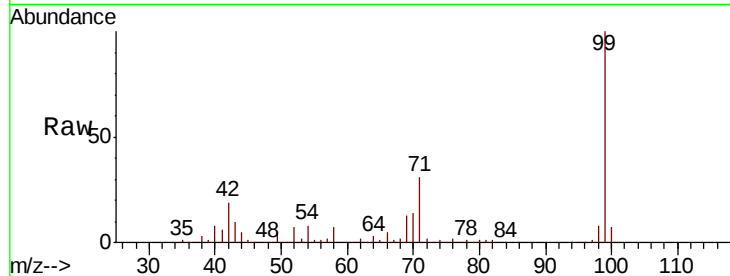
Tot Ion: 99 Resp: 528536

Ion Ratio Lower Upper

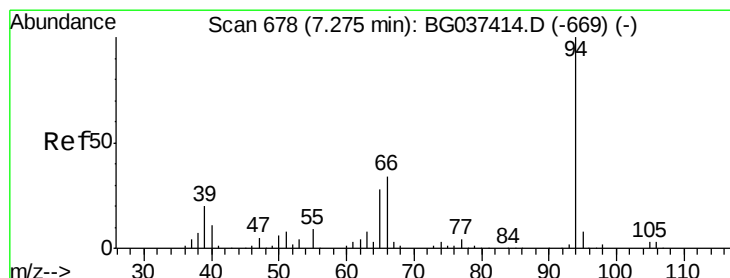
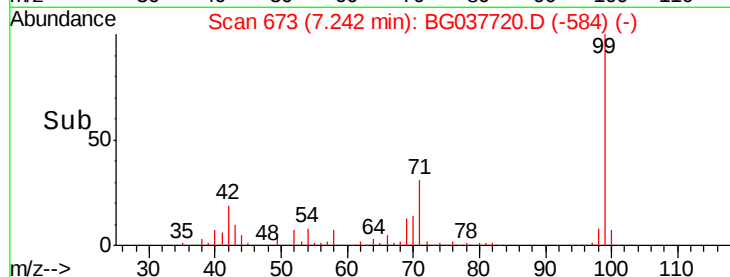
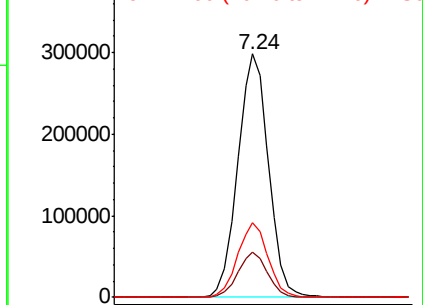
99 100

42 18.6 15.0 22.4

71 30.6 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: 6.465 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

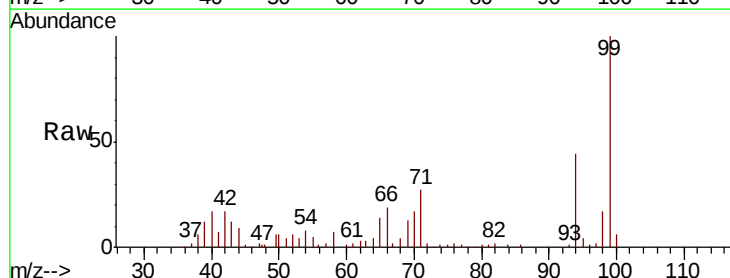
Tgt Ion: 94 Resp: 31288

Ion Ratio Lower Upper

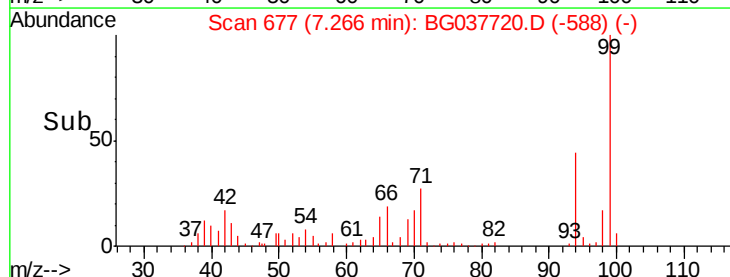
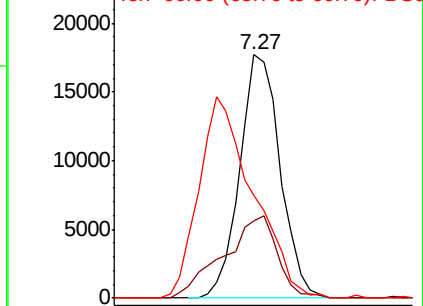
94 100

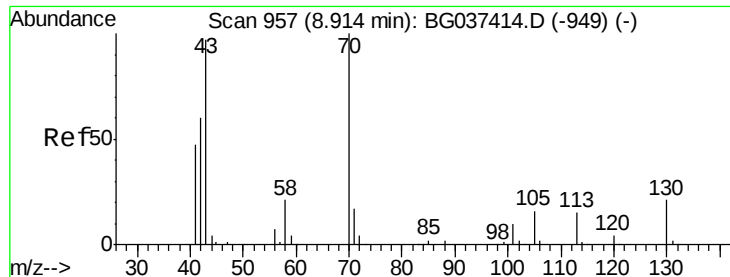
65 31.6 9.7 49.7

66 42.5 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

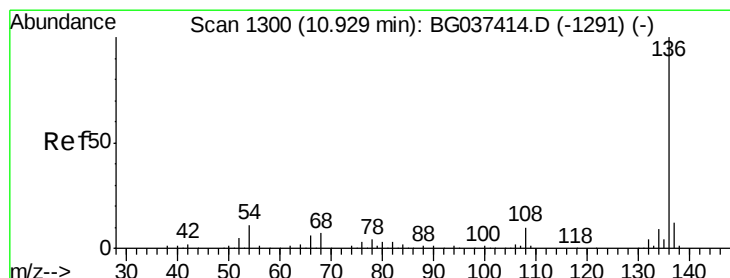
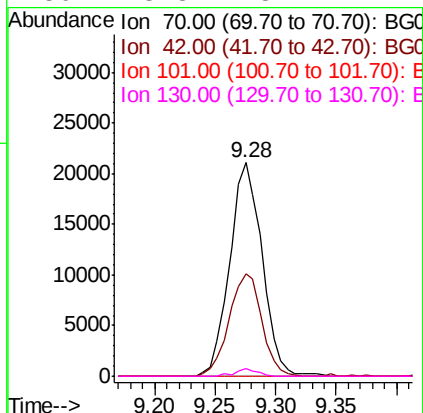
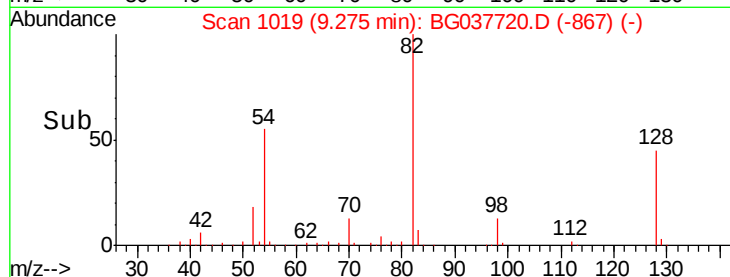
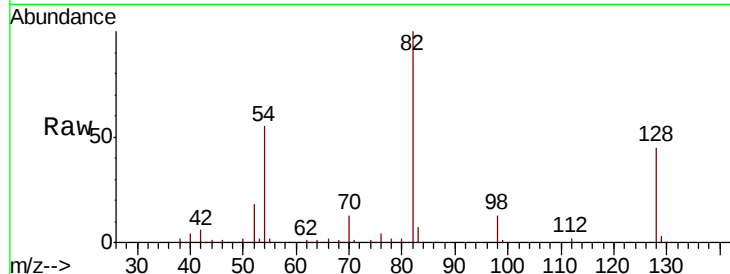




#19
n-Nitroso-di-n-propylamine
Concen: 12.486 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

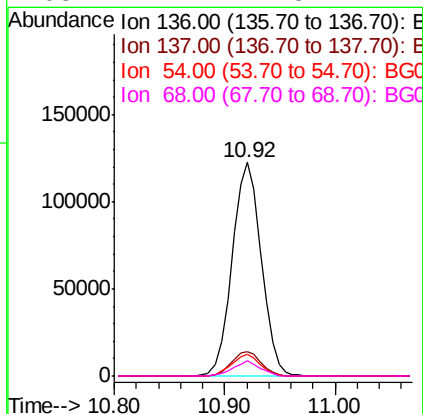
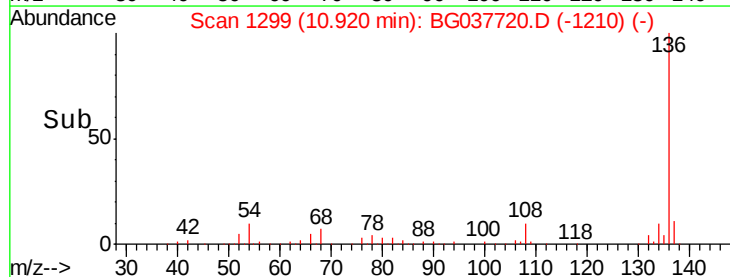
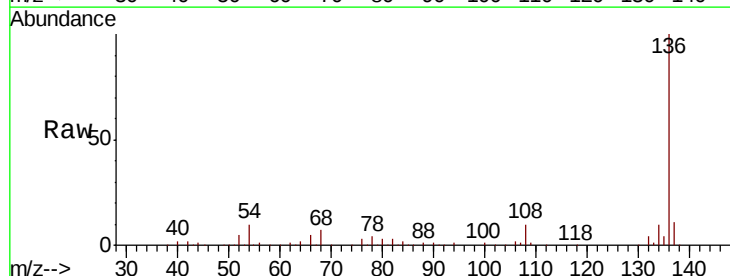
Instrument :
BNA_G
ClientSampleId :

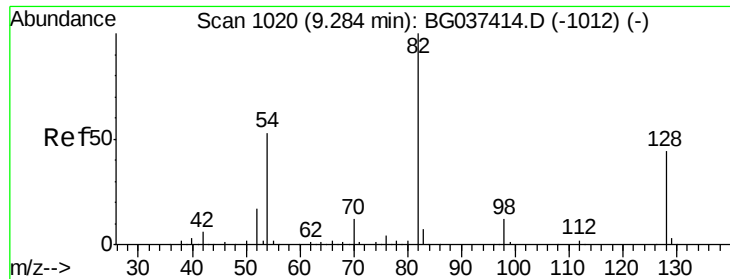
Tot Ion: 70 Resp: 39440
Ion Ratio Lower Upper
70 100
42 48.0 53.9 80.9#
101 0.0 8.2 12.2#
130 3.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

Tgt Ion: 136 Resp: 226502
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.8 7.9 11.9
68 7.1 4.8 7.2

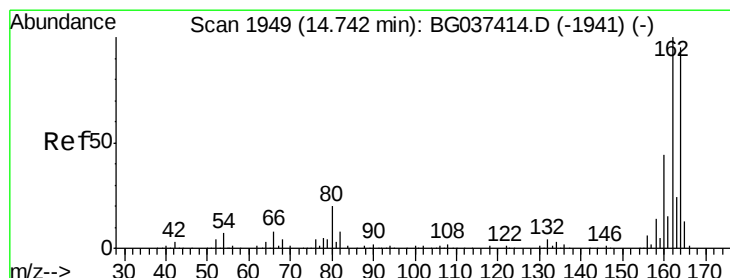
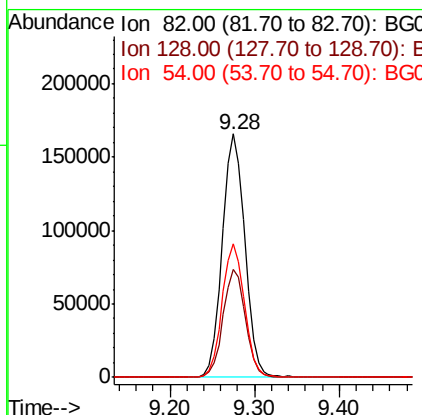
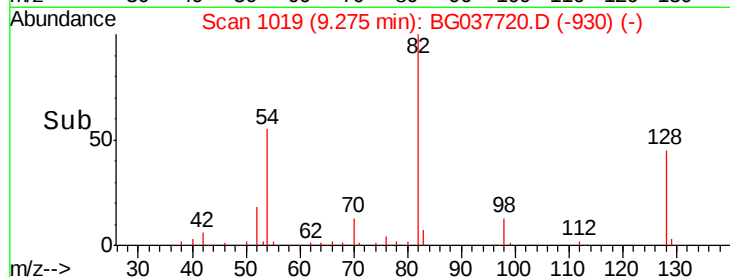
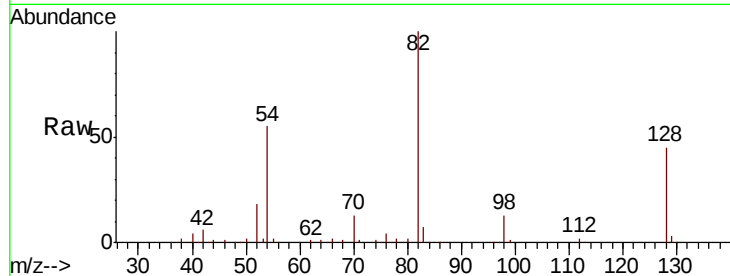




#23
Nitrobenzene-d5
Concen: 76.081 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

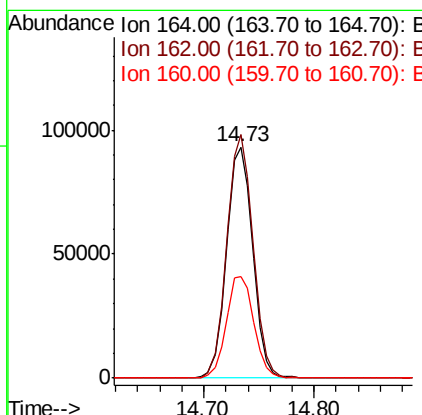
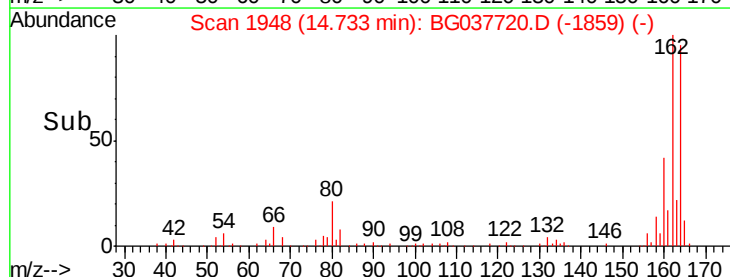
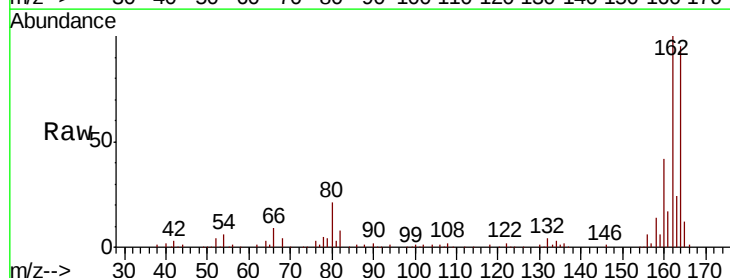
Instrument :
BNA_G
ClientSampled :

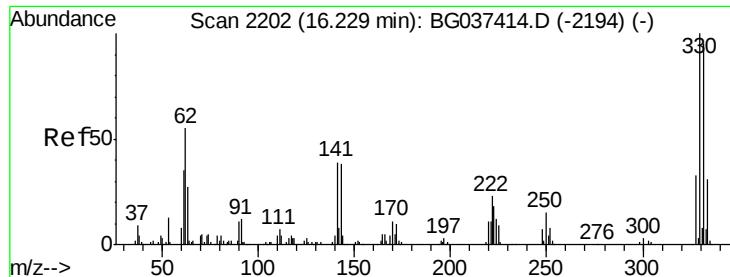
Tot Ion	82	Resp	307617
Ion Ratio	100	Lower	Upper
128	44.5	34.6	51.8
54	54.8	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

Tgt Ion	164	Resp	155313
Ion Ratio	100	Lower	Upper
162	105.2	81.3	121.9
160	43.9	36.3	54.5

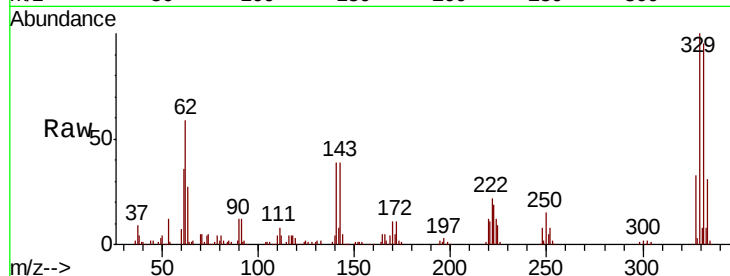




#42
 2,4,6-Tribromophenol
 Concen: 107.990 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037720.D
 Acq: 1 Nov 2018 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	40.1	32.2	48.2

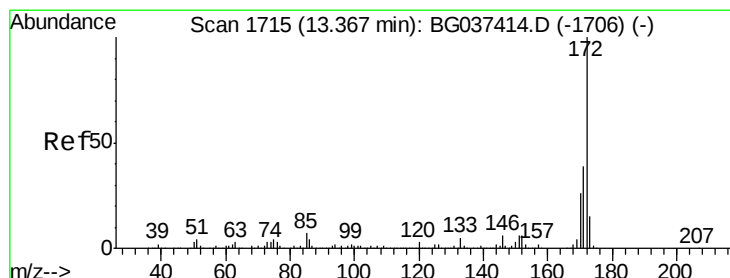
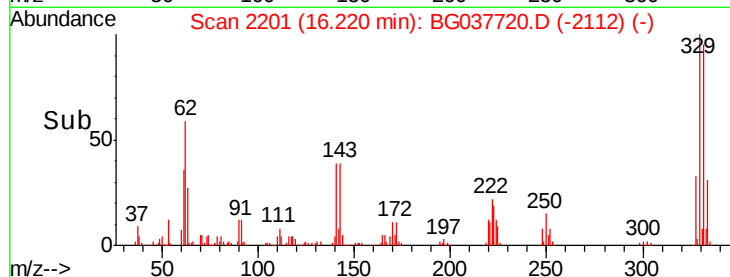
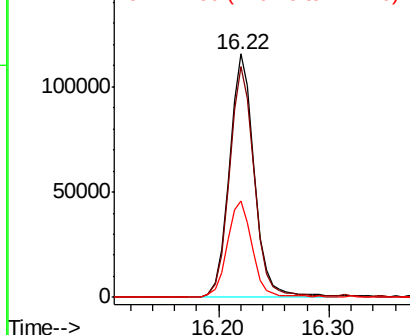


Abundance

Ion 329.80 (329.50 to 330.50): E

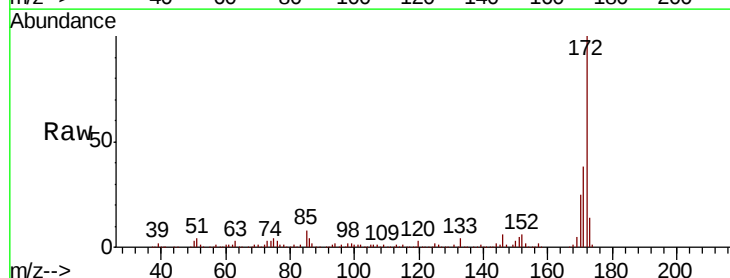
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.717 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037720.D
 Acq: 1 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.7	20.2	30.2

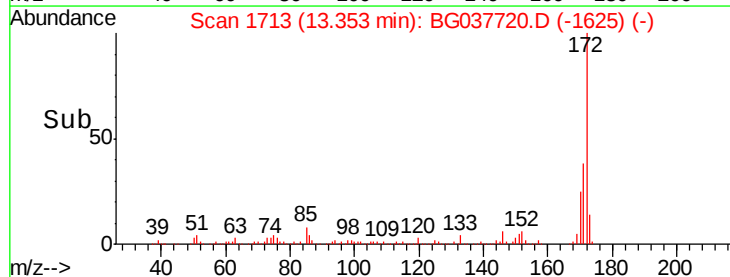
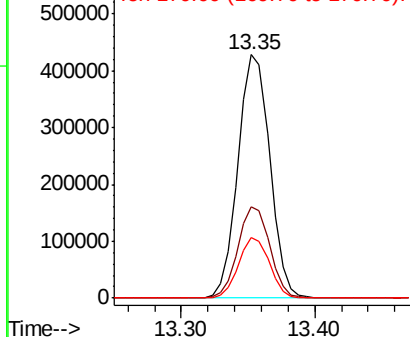


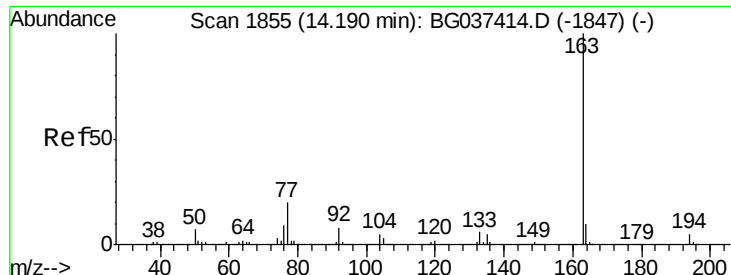
Abundance

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: 8.553 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_G

ClientSampleId :

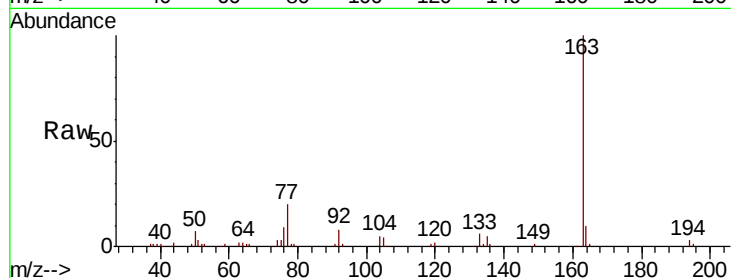
Tot Ion:163 Resp: 102762

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

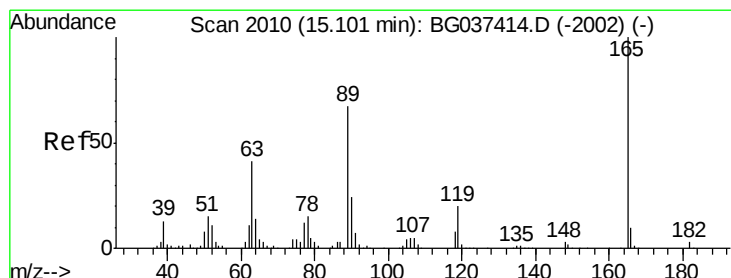
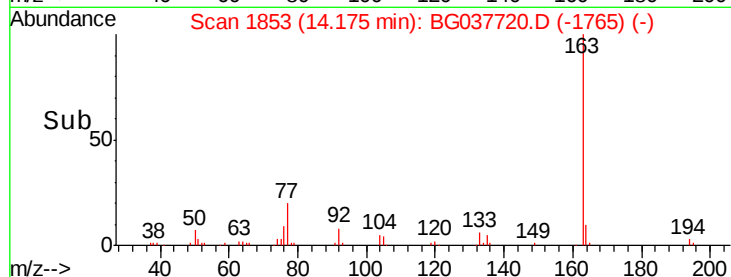
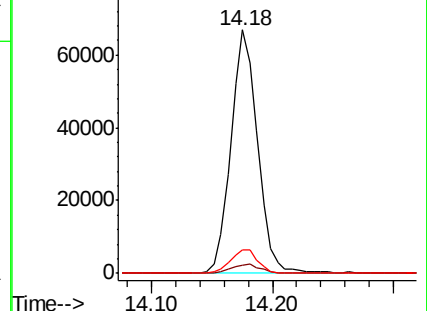
164 9.9 8.5 12.7



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: 5.508 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

Tgt Ion:165 Resp: 19219

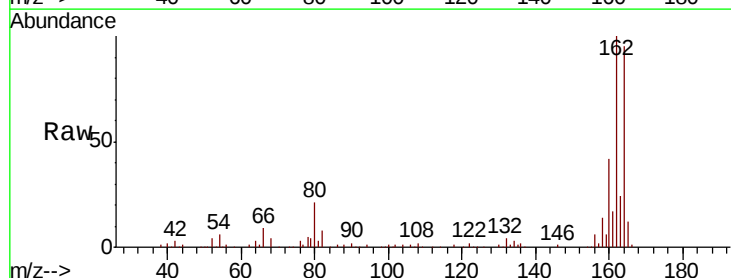
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

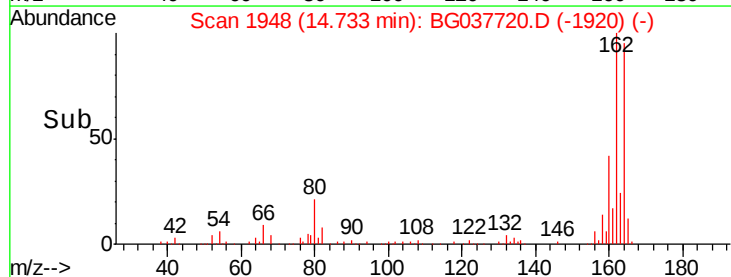
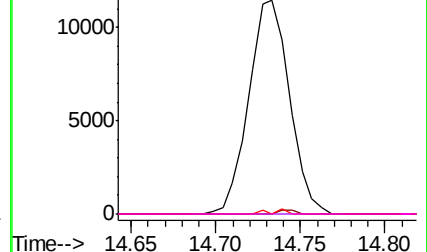


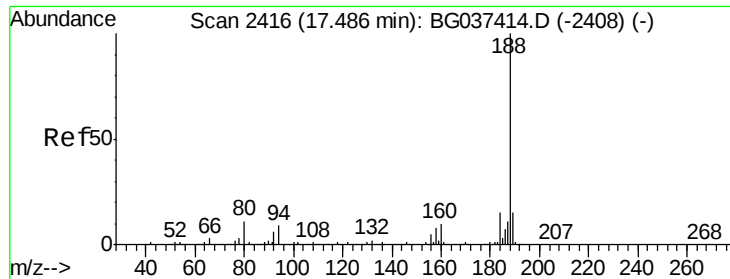
Abundance Ion 165.00 (164.70 to 165.70): E

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

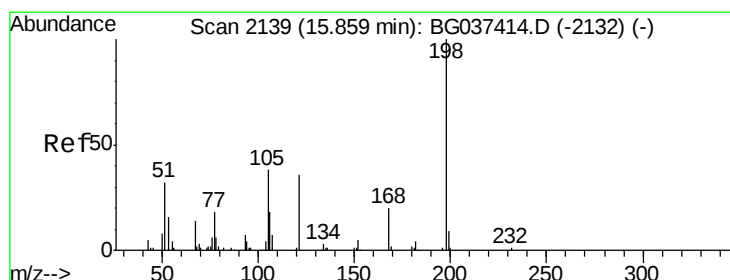
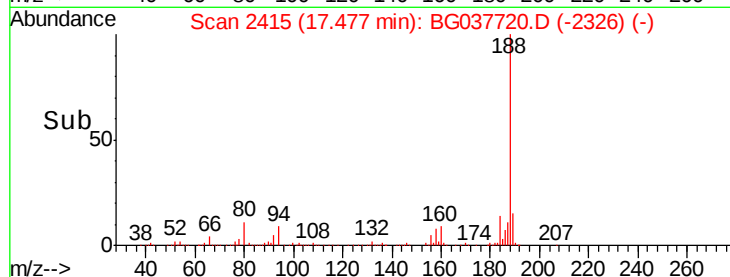
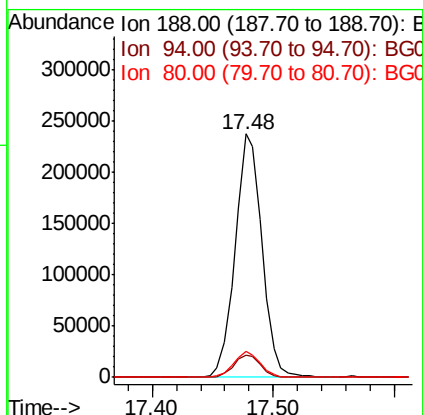
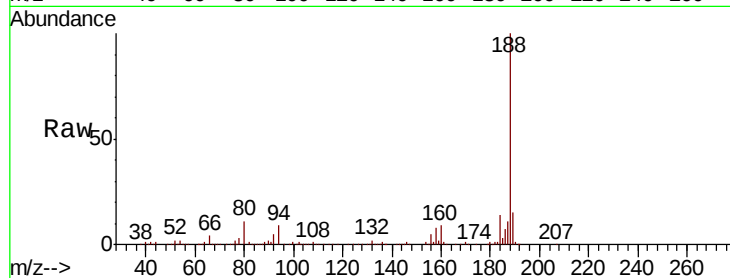




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

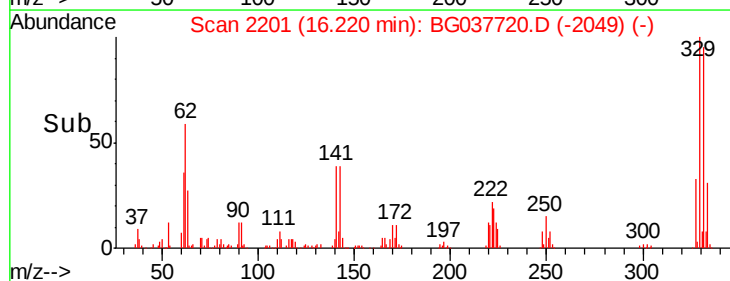
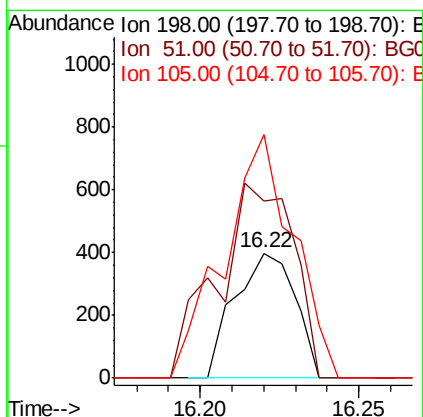
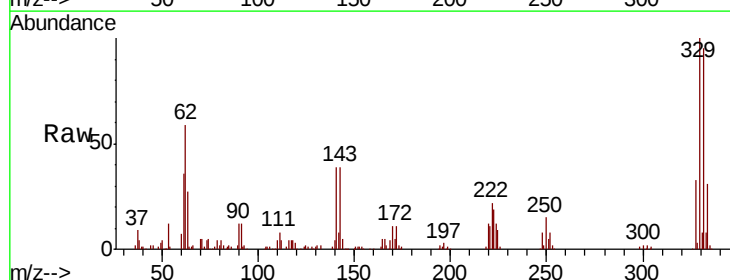
Instrument :
BNA_G
ClientSampleId :

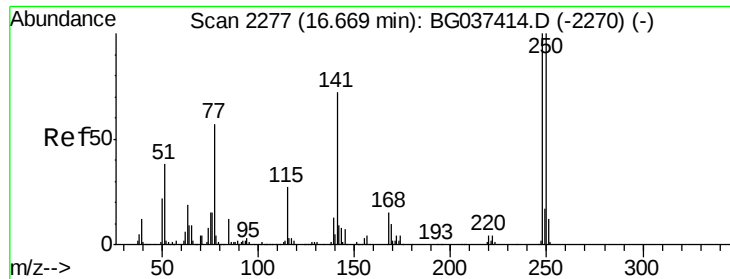
Tot Ion:188 Resp: 367914
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.6 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.731 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037720.D
Acq: 1 Nov 2018 15:55

Tgt Ion:198 Resp: 525
Ion Ratio Lower Upper
198 100
51 29.6 22.7 62.7
105 40.5 19.7 59.7





#67

4-Bromophenyl-phenylether

Concen: 3.249 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_G

ClientSampleId :

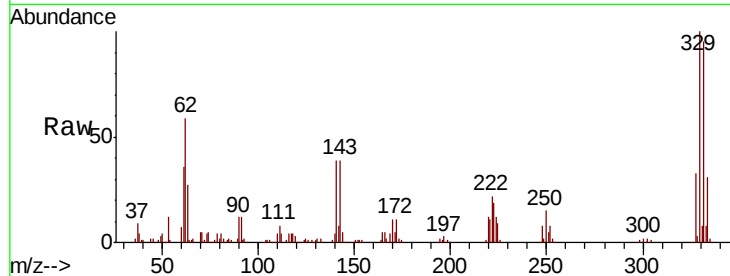
Tot Ion:248 Resp: 13126

Ion Ratio Lower Upper

248 100

250 195.7 77.0 115.6#

141 401.1 55.5 83.3#

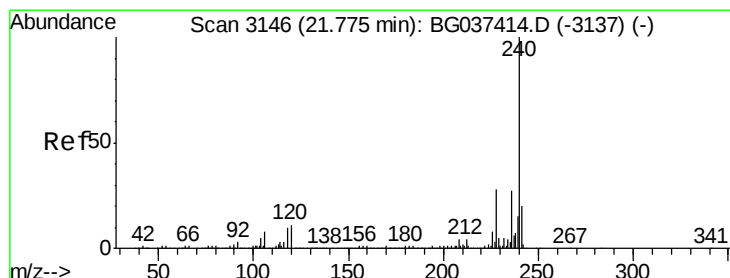
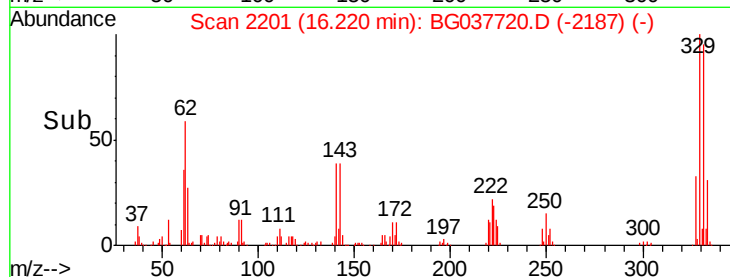
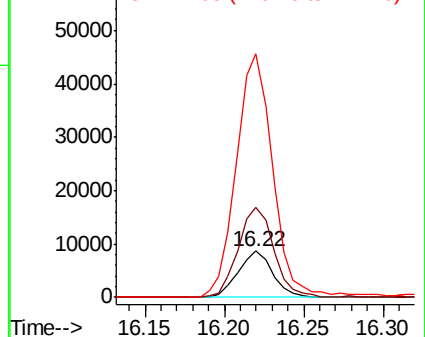


Abundance

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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

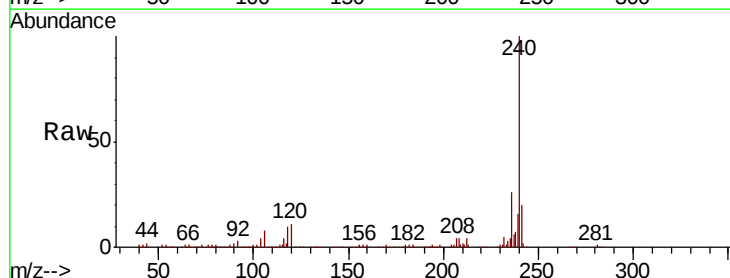
Tgt Ion:240 Resp: 333653

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 26.0 21.4 32.0

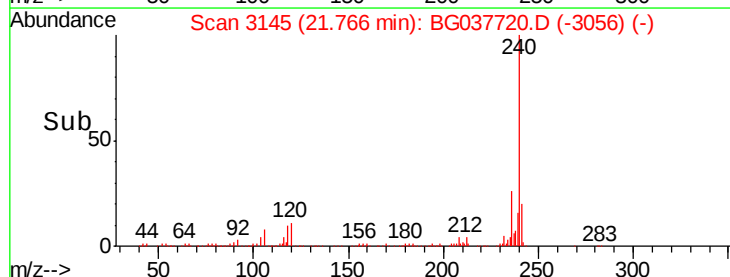
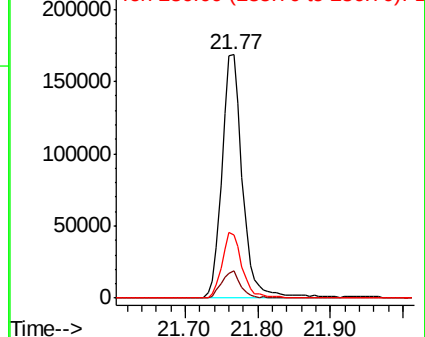


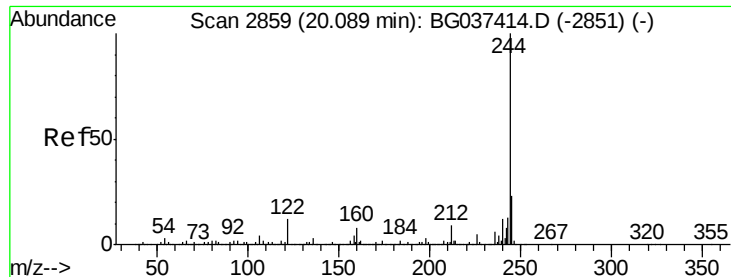
Abundance

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: 65.067 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

Instrument :

BNA_G

ClientSampleId :

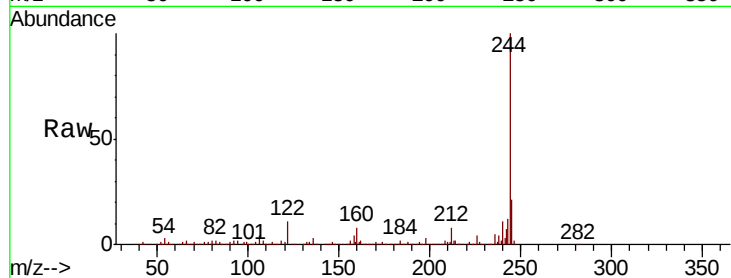
Tot Ion:244 Resp: 1016010

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

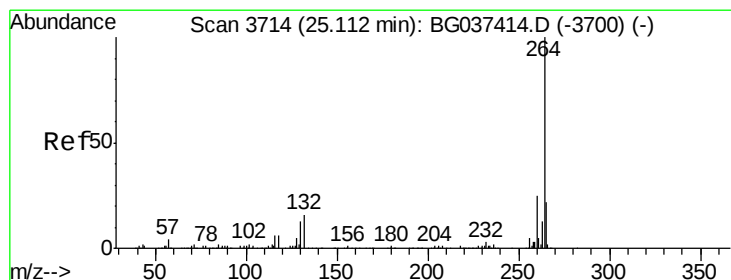
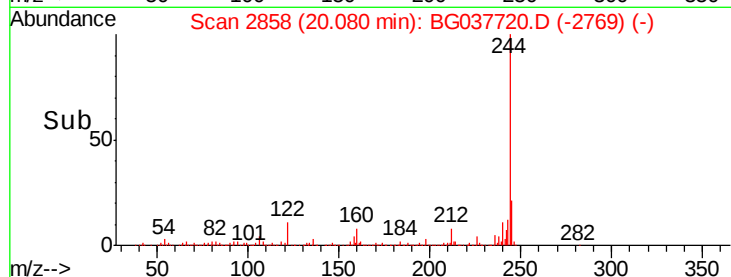
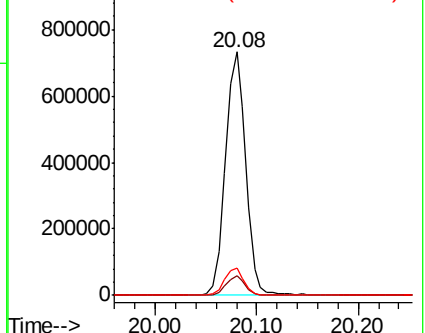
122 11.0 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037720.D

Acq: 1 Nov 2018 15:55

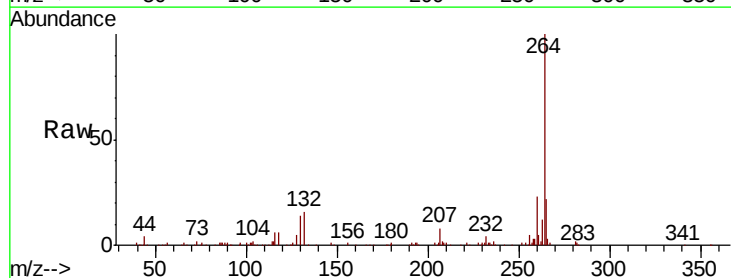
Tgt Ion:264 Resp: 297591

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.9 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

