

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037713.D
 Acq On : 1 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5731-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 14:20:10 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	49560	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	220896	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	157451	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	374371	20.00	ng	0.00
76) Chrysene-d12	21.76	240	332389	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302323	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	129644	43.73	ng	0.00
7) Phenol-d6	7.24	99	121377	27.08	ng	-0.01
23) Nitrobenzene-d5	9.28	82	386262	97.96	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	156489	91.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	940873	90.11	ng	-0.01
79) Terphenyl-d14	20.08	244	1363142	87.63	ng	-0.01

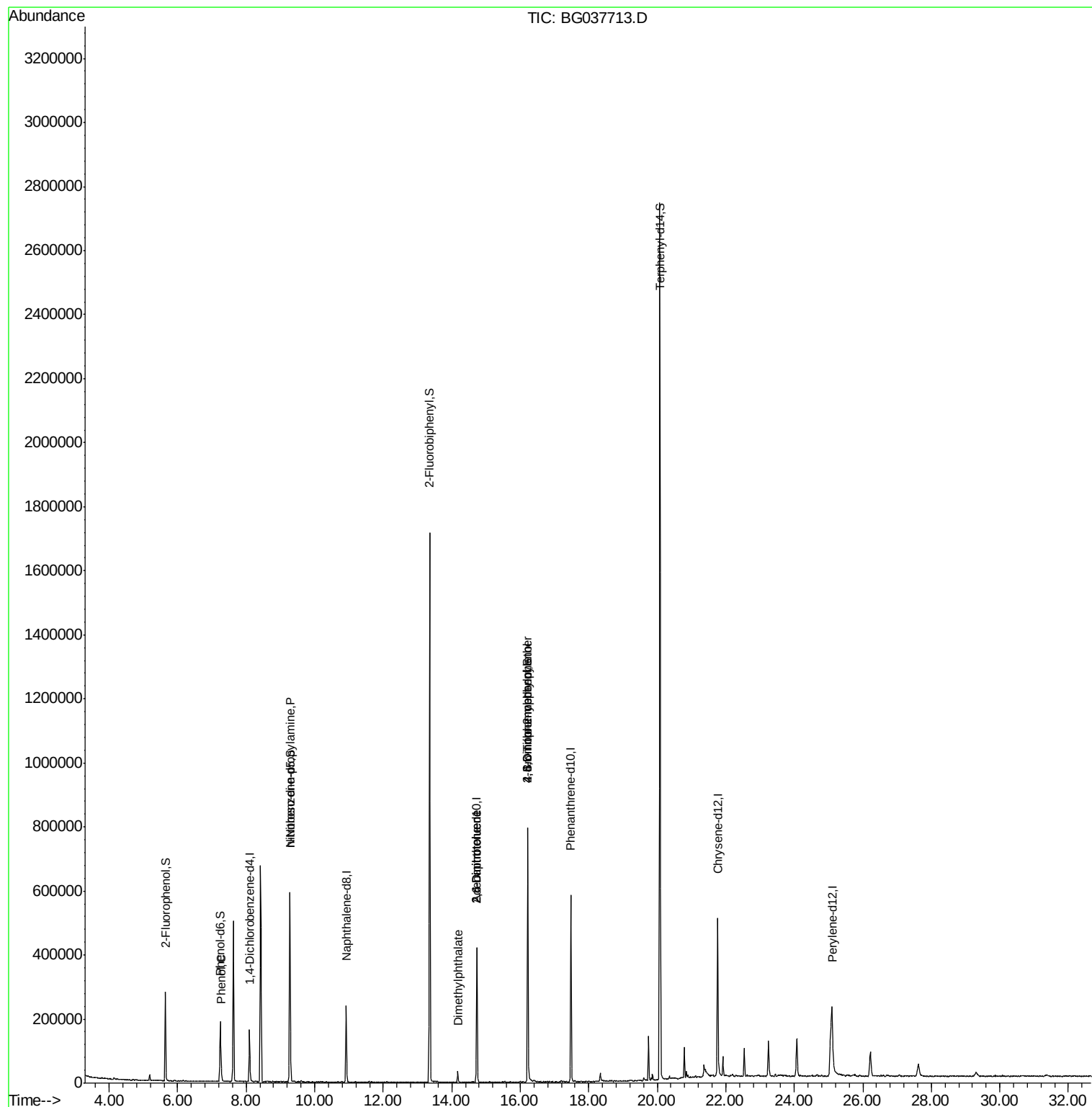
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.27	94	48558	10.267	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	47880	15.512	ng	# 70
50) Dimethylphthalate	14.18	163	26860	2.205	ng	97
51) 2,6-Dinitrotoluene	14.74	165	19727	7.321	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	19727	5.577	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	243	8.609	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	11462	2.788	ng	# 1

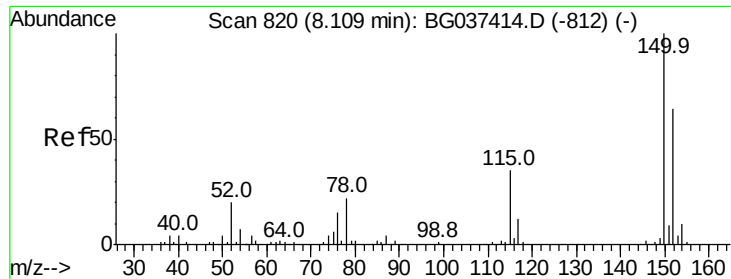
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037713.D
Acq On : 1 Nov 2018 11:17
Operator : JU/SJ
Sample : J5731-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 14:20:10 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



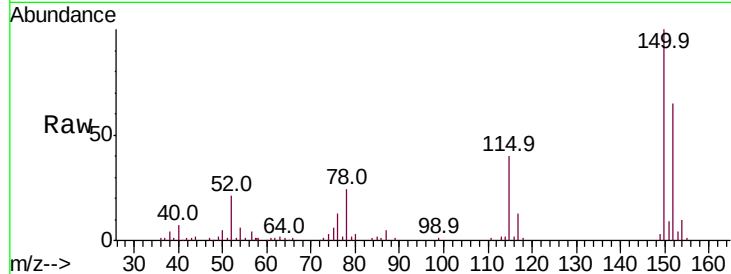


#1

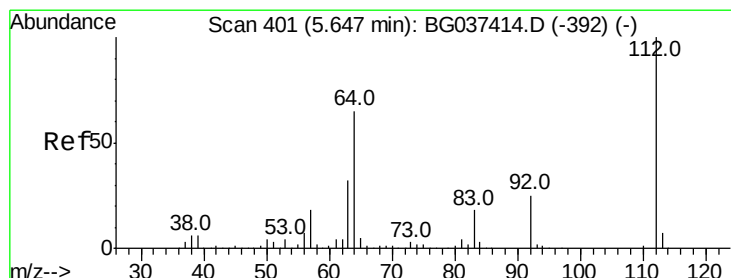
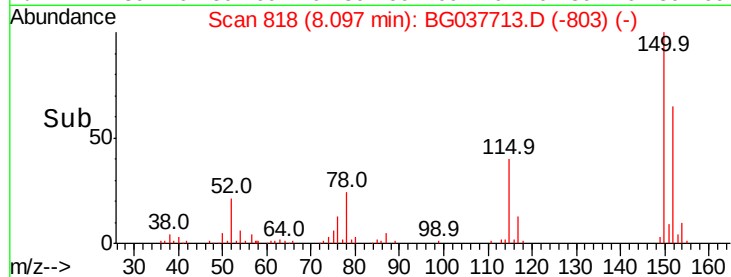
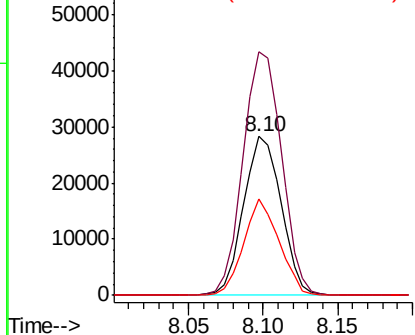
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49560
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 60.8 45.5 68.3



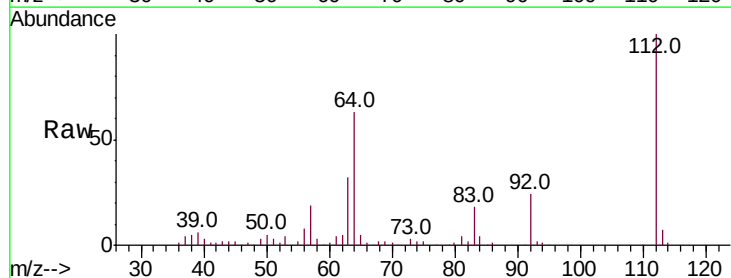
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



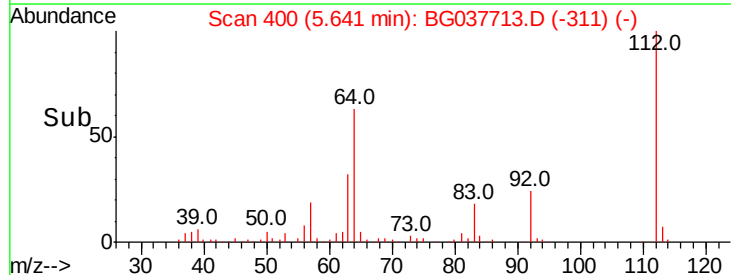
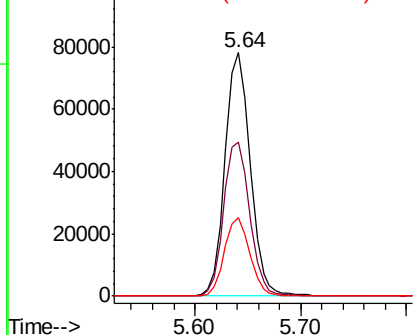
#5

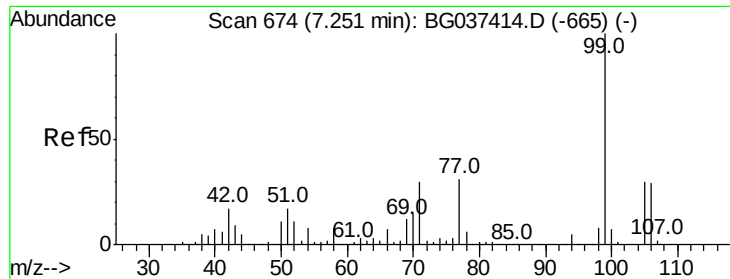
2-Fluorophenol
Concen: 43.734 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion:112 Resp: 129644
Ion Ratio Lower Upper
112 100
64 63.1 53.1 79.7
63 32.1 27.3 40.9



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: 27.078 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampled :

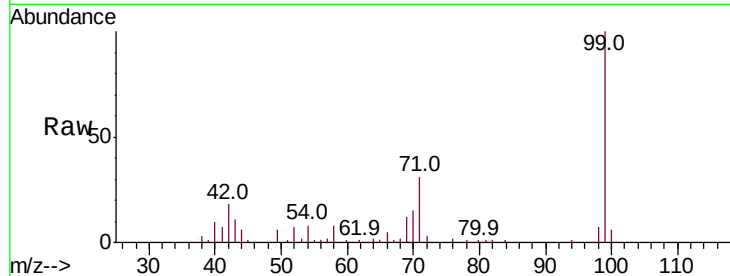
Tot Ion: 99 Resp: 121377

Ion Ratio Lower Upper

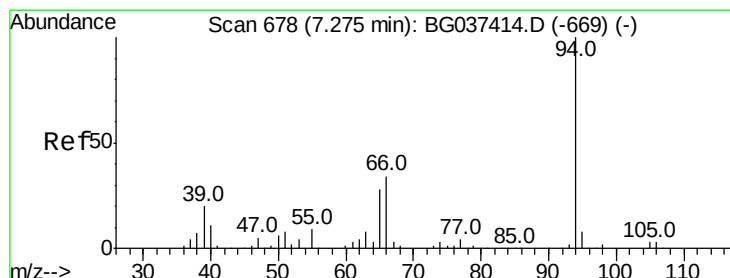
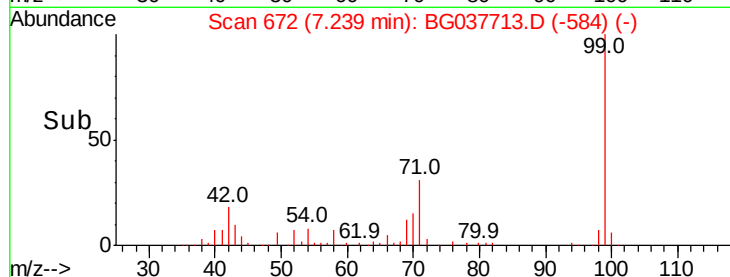
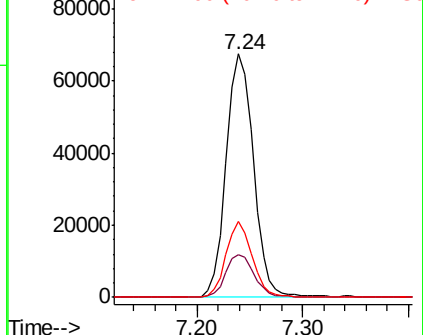
99 100

42 17.7 15.0 22.4

71 31.1 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: 10.267 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

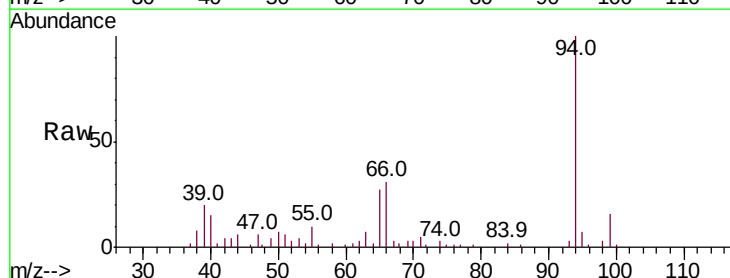
Tgt Ion: 94 Resp: 48558

Ion Ratio Lower Upper

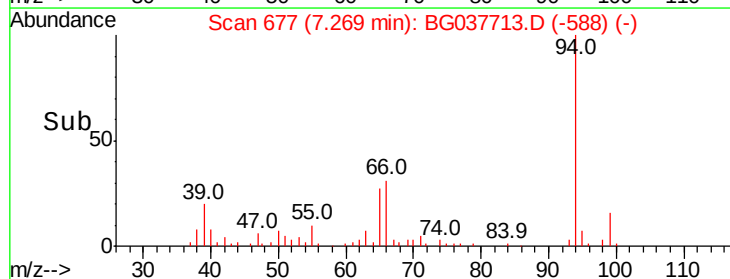
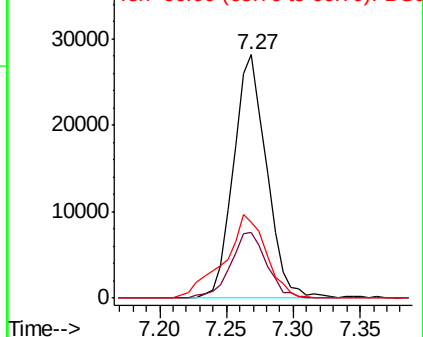
94 100

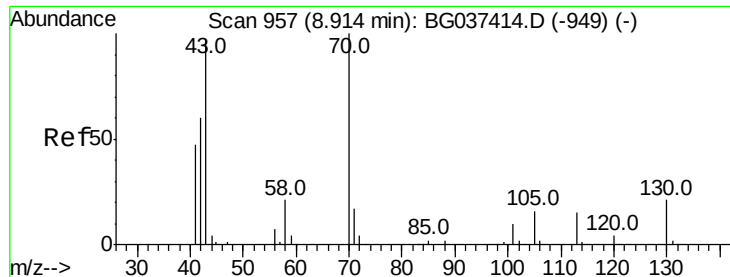
65 27.0 9.7 49.7

66 31.4 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

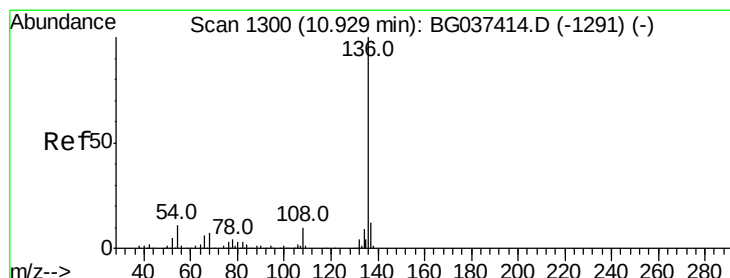
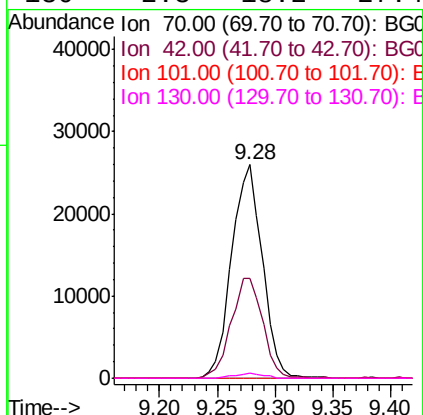
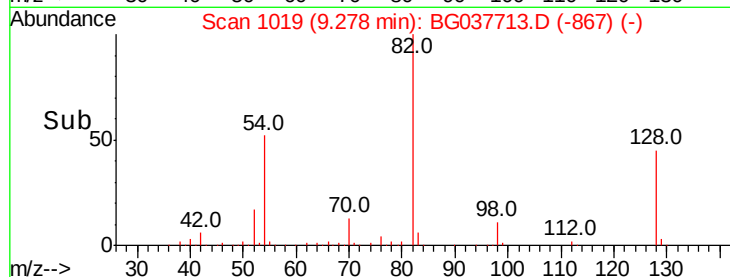
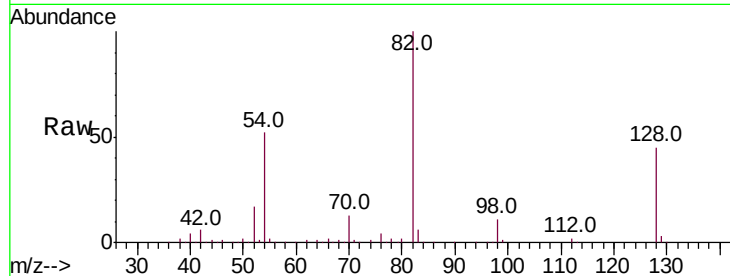




#19
n-Nitroso-di-n-propylamine
Concen: 15.512 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

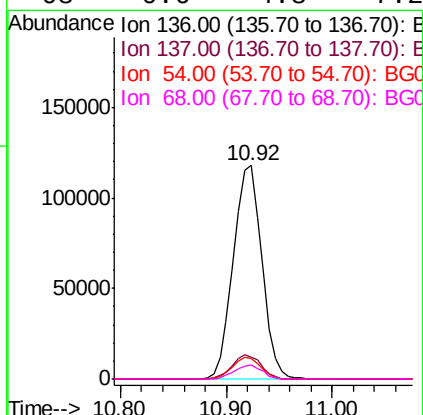
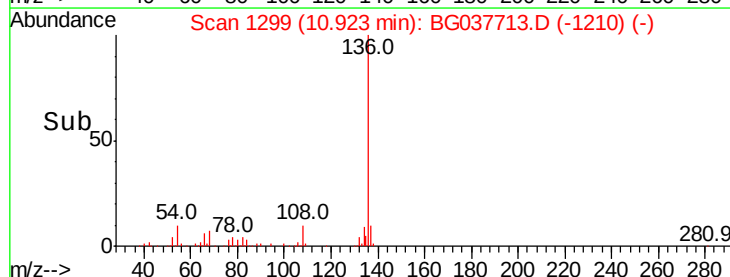
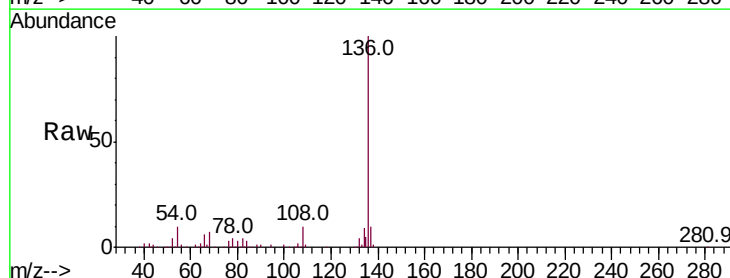
Instrument :
BNA_G
ClientSampleId :

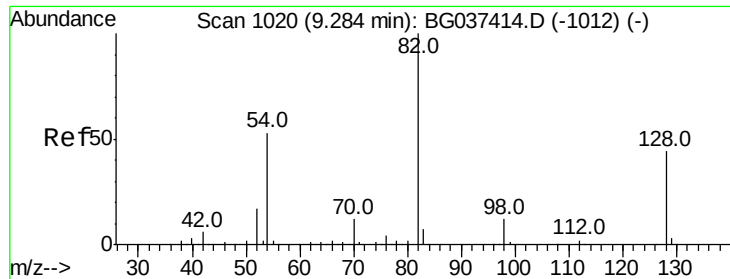
Tot Ion: 70 Resp: 47880
Ion Ratio Lower Upper
70 100
42 46.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion: 136 Resp: 220896
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 9.8 7.9 11.9
68 6.6 4.8 7.2

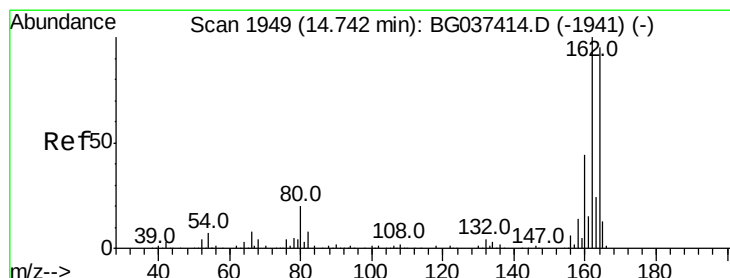
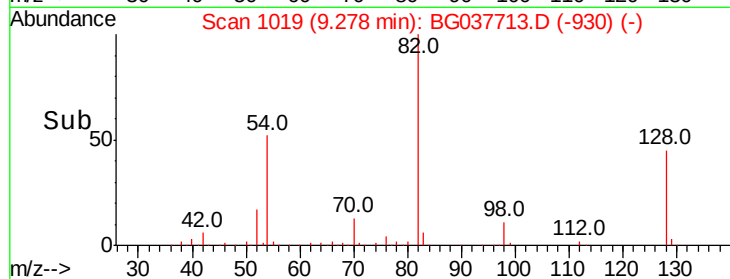
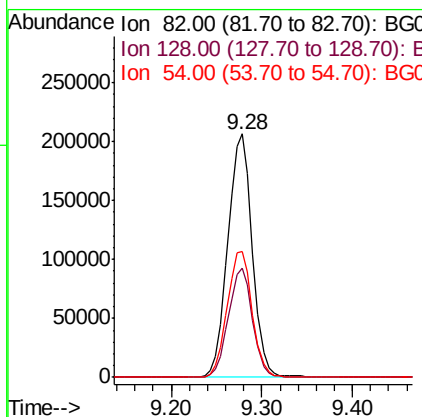
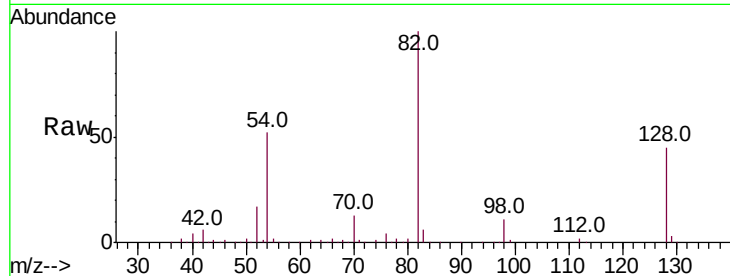




#23
 Nitrobenzene-d5
 Concen: 97.956 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037713.D
 Acq: 1 Nov 2018 11:17

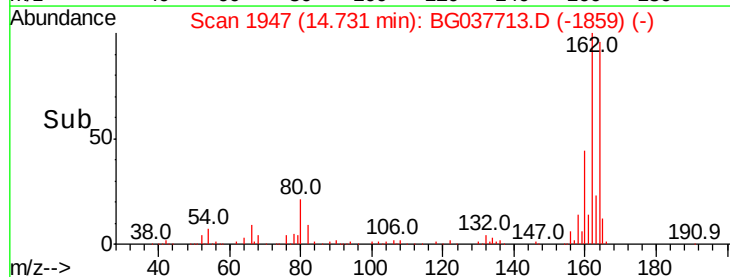
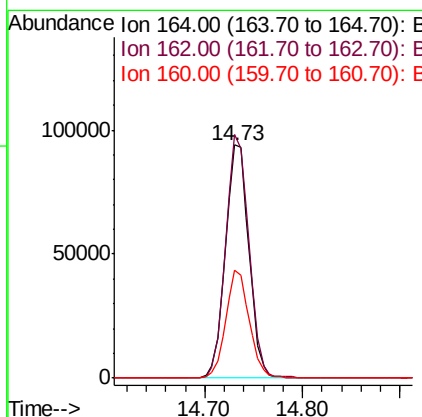
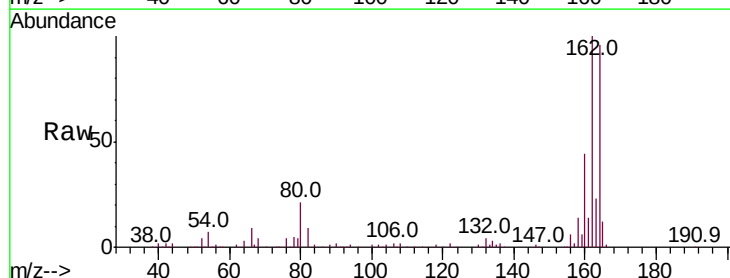
Instrument :
 BNA_G
 ClientSampled :

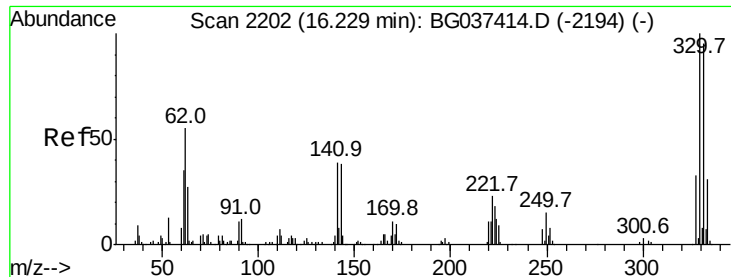
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	51.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037713.D
 Acq: 1 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.2	36.3	54.5

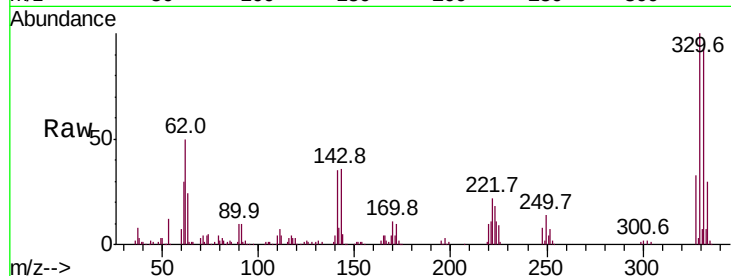




#42
 2,4,6-Tribromophenol
 Concen: 91.125 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037713.D
 Acq: 1 Nov 2018 11:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	38.9	32.2	48.2

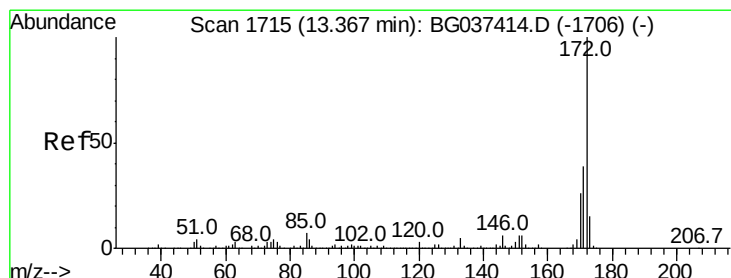
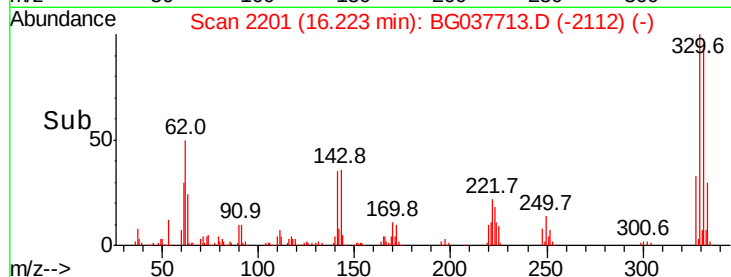
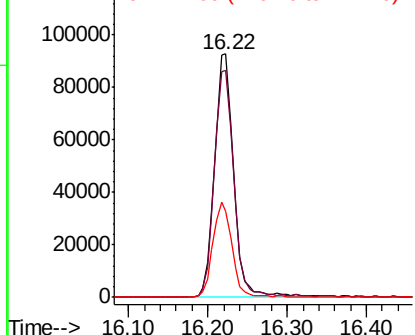


Abundance

Ion 329.80 (329.50 to 330.50): E

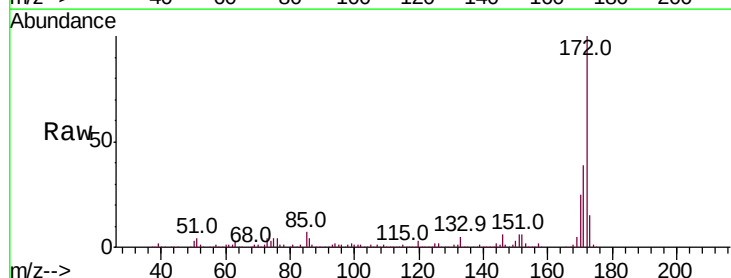
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.110 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037713.D
 Acq: 1 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.9	20.2	30.2

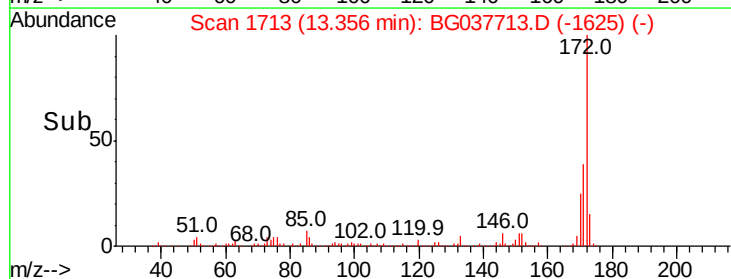
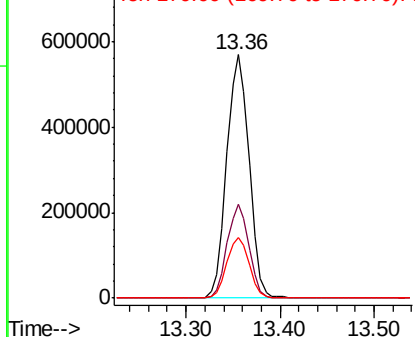


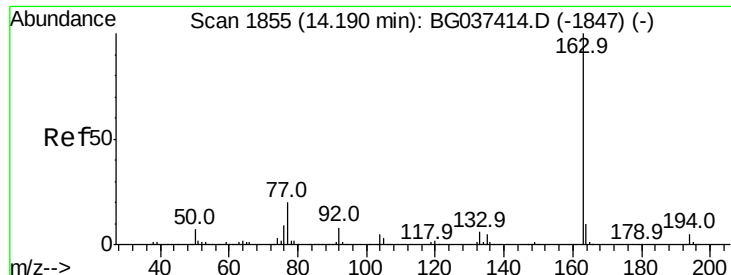
Abundance

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: 2.205 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampled :

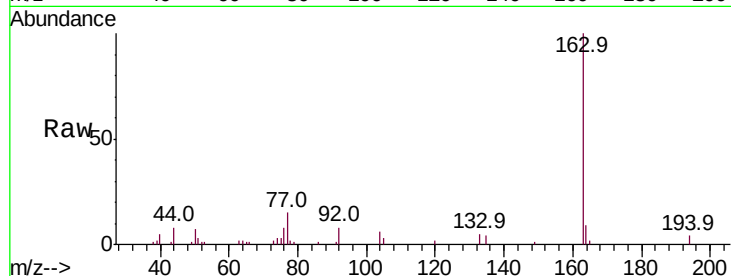
Tot Ion:163 Resp: 26860

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

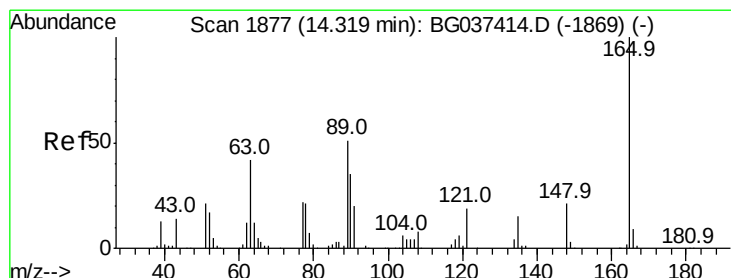
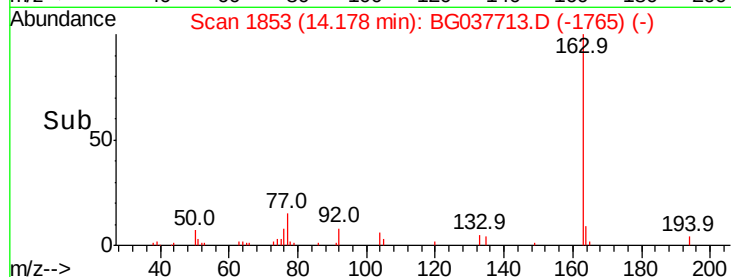
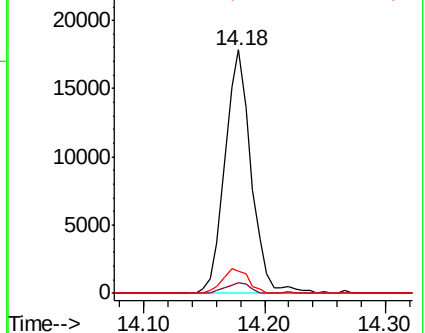
164 9.2 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.321 ng

RT: 14.74 min Scan# 1948

Delta R.T. 0.42 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

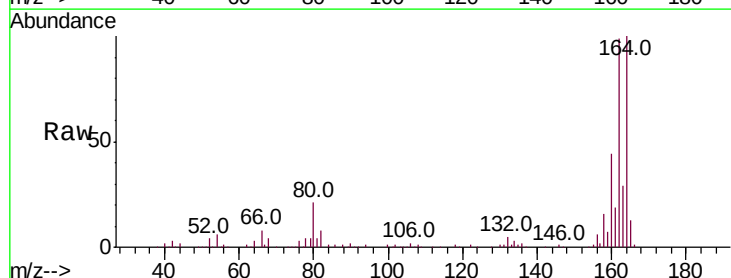
Tgt Ion:165 Resp: 19727

Ion Ratio Lower Upper

165 100

63 2.4 43.4 65.2#

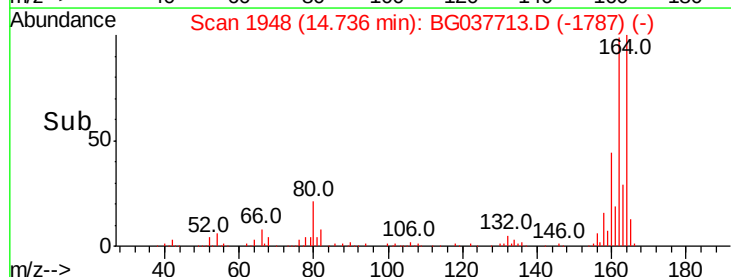
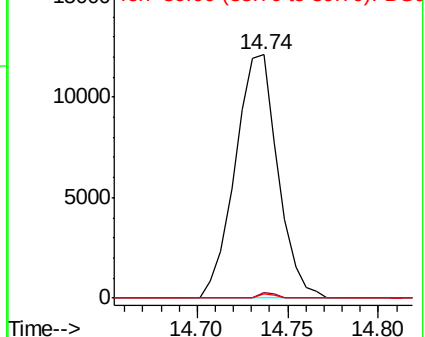
89 1.8 45.8 68.6#

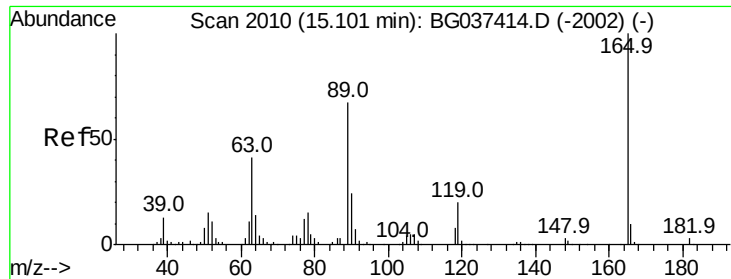


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

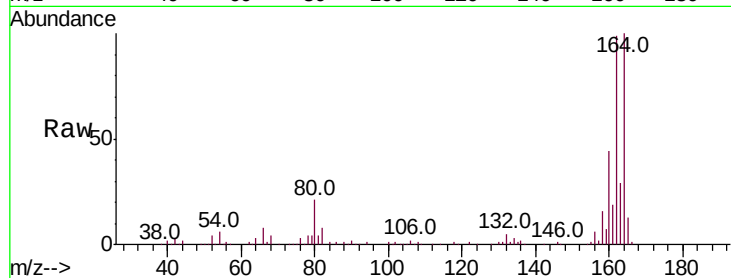




#57
 2,4-Dinitrotoluene
 Concen: 5.577 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037713.D
 Acq: 1 Nov 2018 11:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

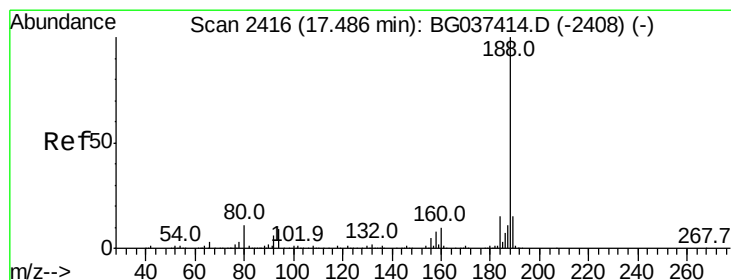
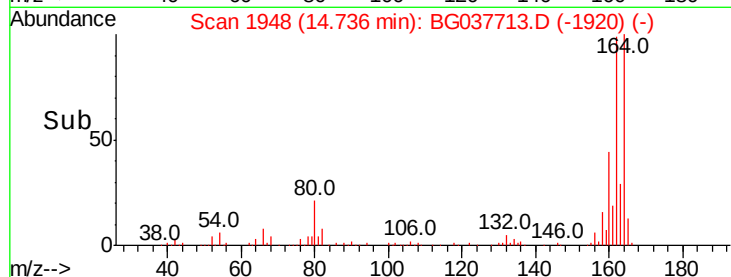
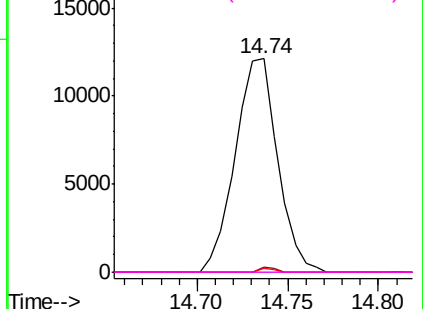


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

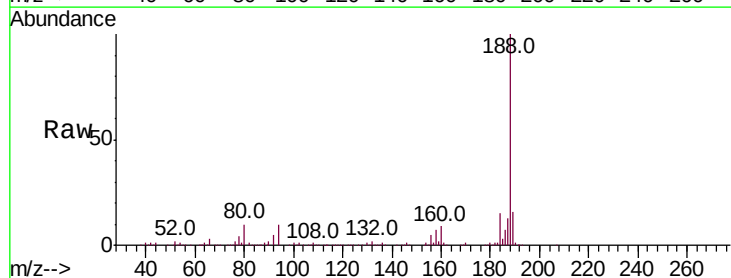
Ion 89.00 (88.70 to 89.70): BGC

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: BG037713.D
 Acq: 1 Nov 2018 11:17

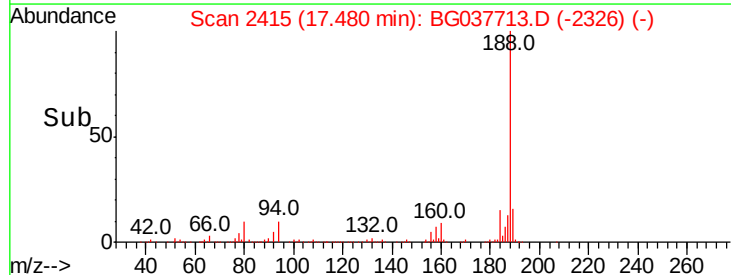
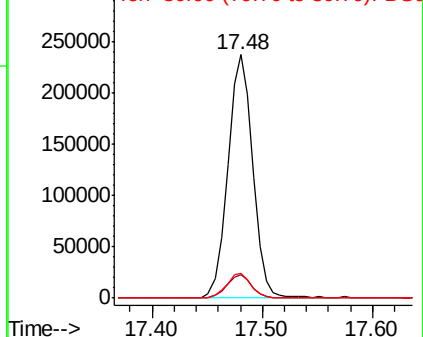
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.4	7.7	11.5

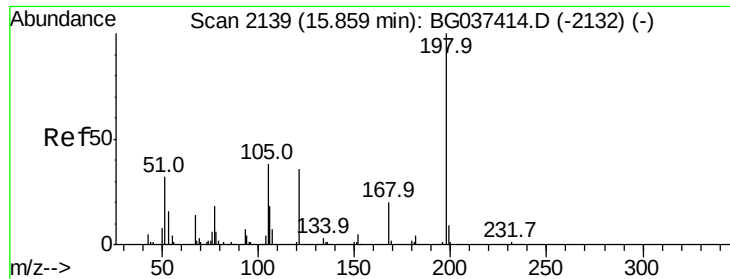


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

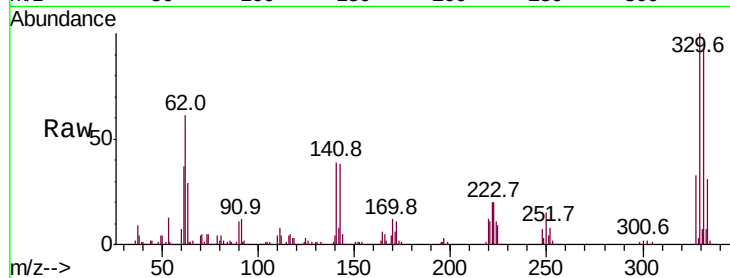




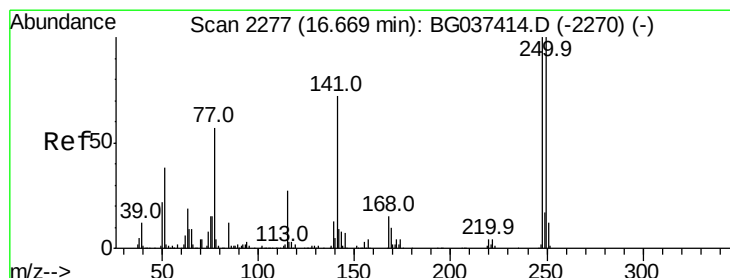
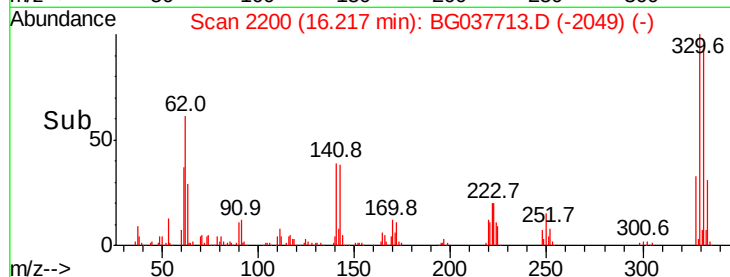
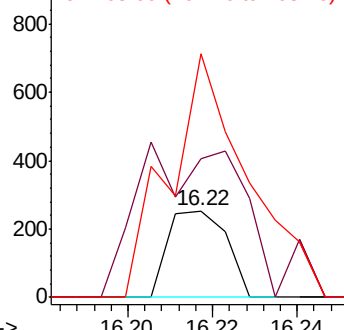
#65
4,6-Dinitro-2-methylphenol
Concen: 8.609 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 243
Ion Ratio Lower Upper
198 100
51 26.1 22.7 62.7
105 45.7 19.7 59.7

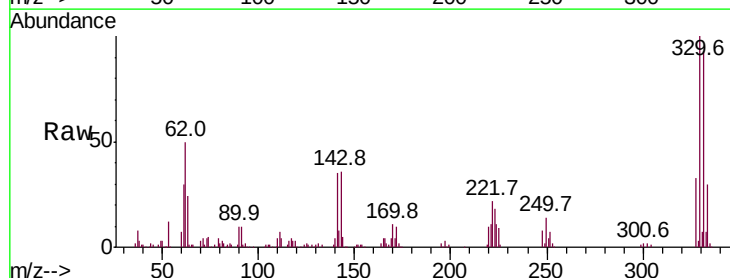


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

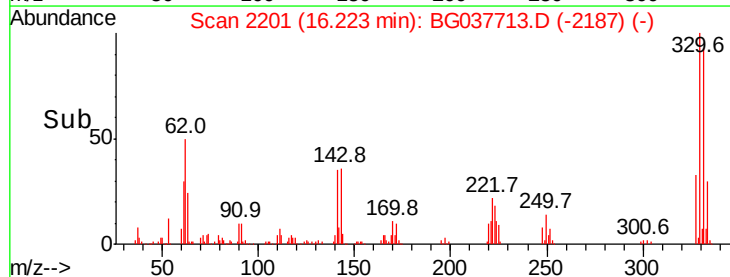
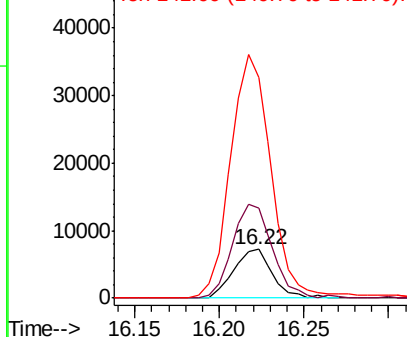


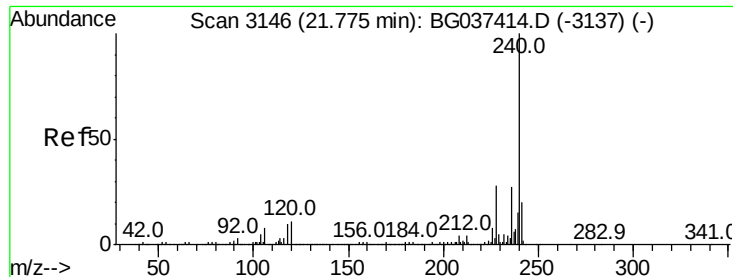
#67
4-Bromophenyl-phenylether
Concen: 2.788 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Tgt Ion:248 Resp: 11462
Ion Ratio Lower Upper
248 100
250 187.0 77.0 115.6#
141 359.3 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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

Instrument :

BNA_G

ClientSampleId :

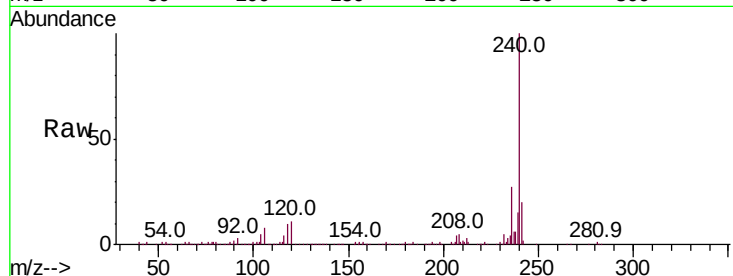
Tot Ion:240 Resp: 332389

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

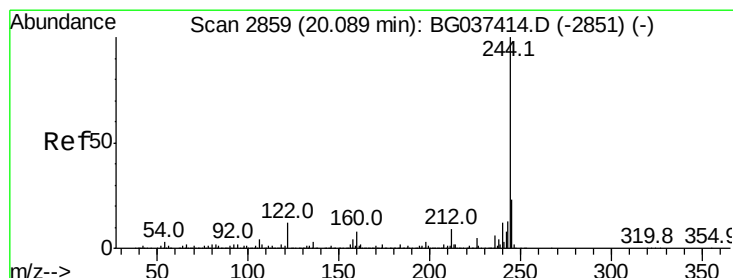
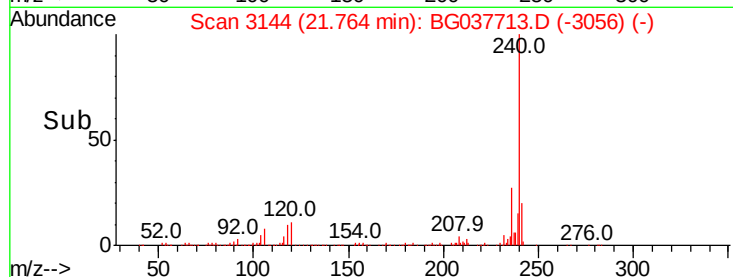
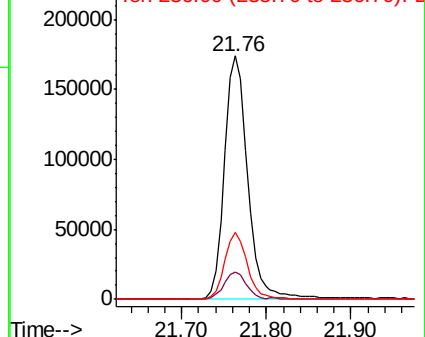
236 27.5 21.4 32.0



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: 87.630 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037713.D

Acq: 1 Nov 2018 11:17

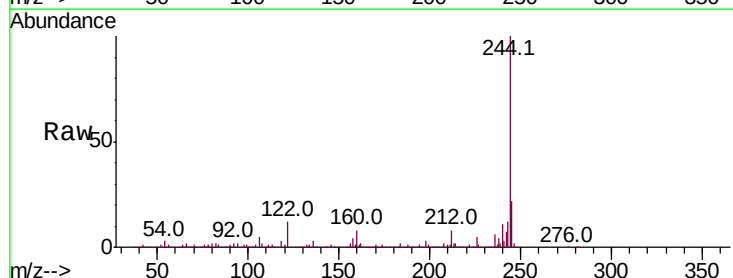
Tgt Ion:244 Resp: 1363142

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

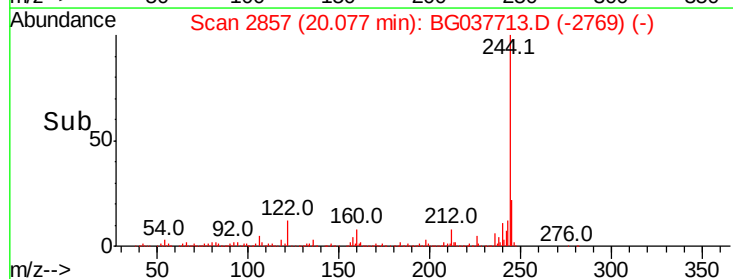
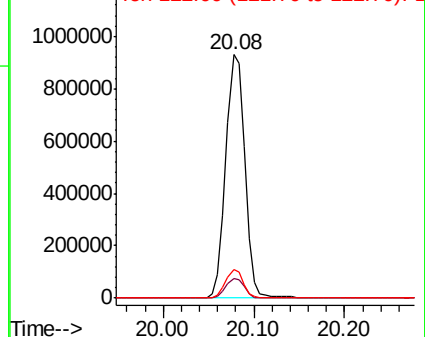
122 11.6 9.0 13.4

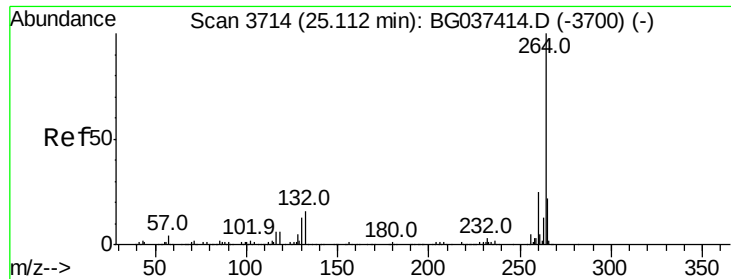


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

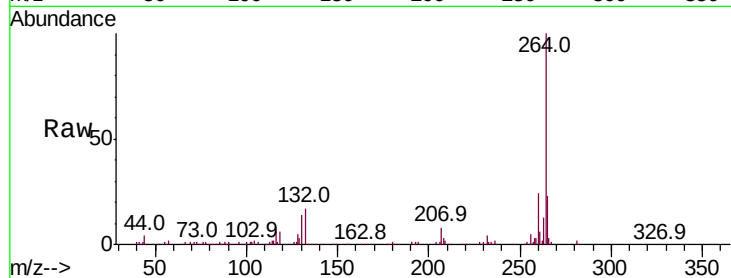




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037713.D
Acq: 1 Nov 2018 11:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	23.0	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

