

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037745.D
 Acq On : 2 Nov 2018 8:13
 Operator : JU/SJ
 Sample : J5741-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 14:24:59 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

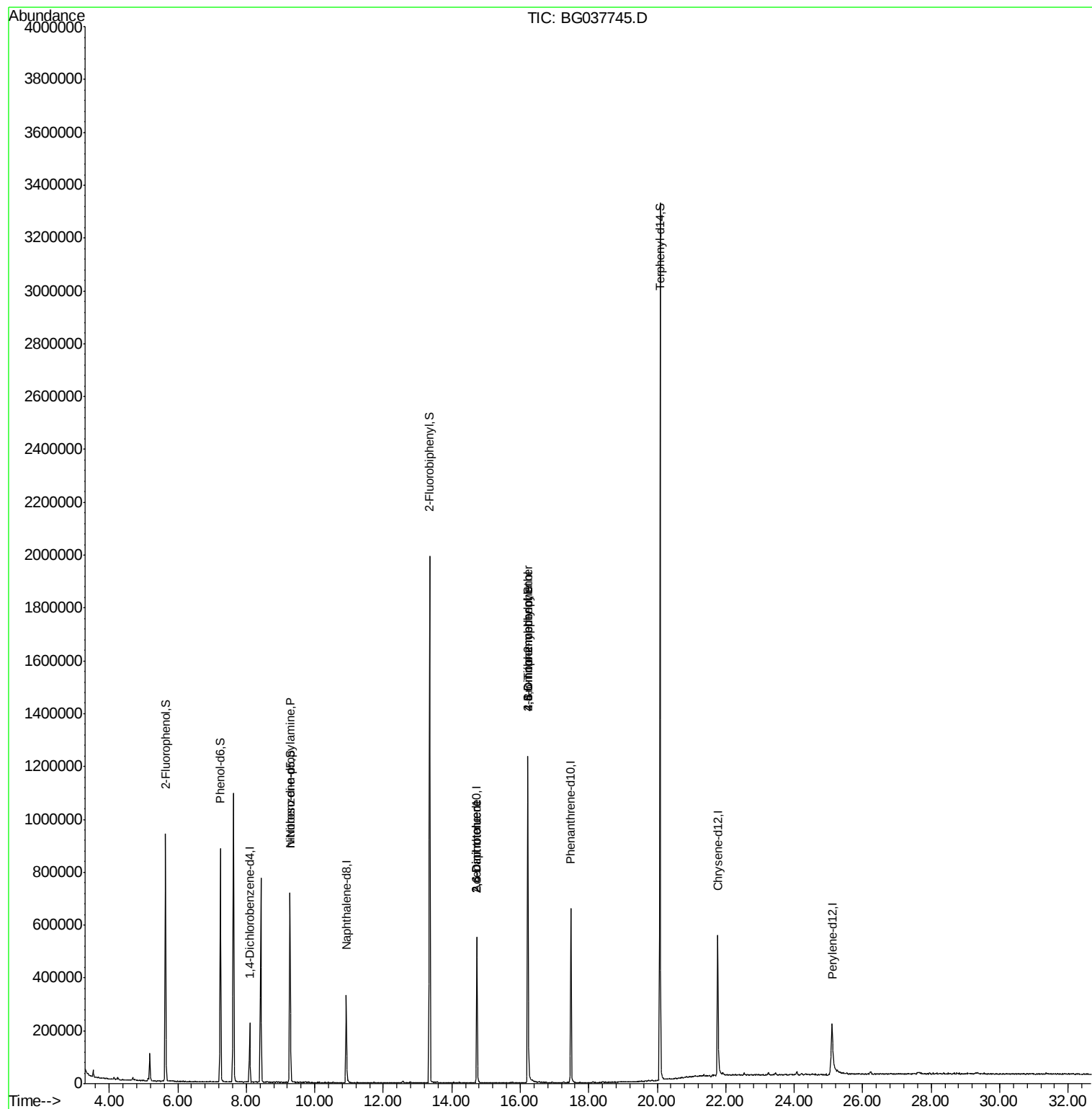
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65950	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	300600	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	199080	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	435205	20.00	ng	0.00
76) Chrysene-d12	21.77	240	386662	20.00	ng	0.00
87) Perylene-d12	25.10	264	308780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	452211	114.64	ng	0.00
7) Phenol-d6	7.24	99	569577	95.49	ng	0.00
23) Nitrobenzene-d5	9.28	82	455305	84.85	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	252290	116.19	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1082359	81.98	ng	-0.01
79) Terphenyl-d14	20.08	244	1620671	89.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	58025	14.127	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	25899	7.602	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	25899	5.791	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	247	8.596	ng	75
67) 4-Bromophenyl-phenylether	16.22	248	18474	3.865	ng	# 1

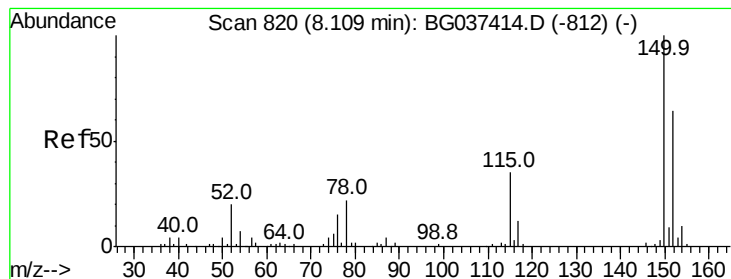
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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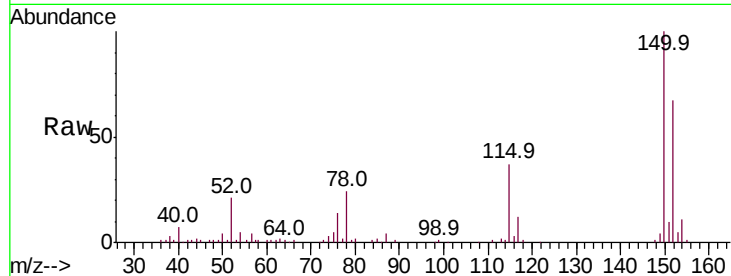


#1

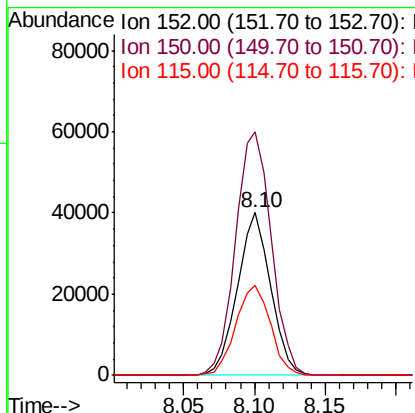
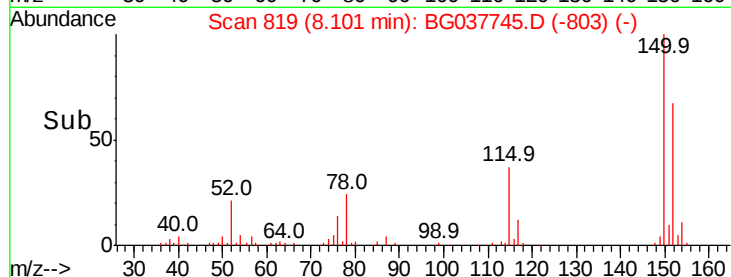
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65950
Ion Ratio Lower Upper
152 100
150 149.6 126.0 189.0
115 55.5 45.5 68.3



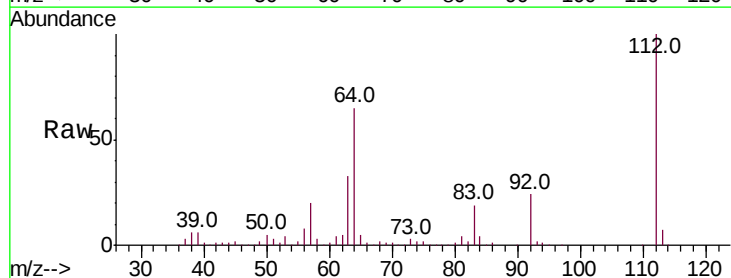
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



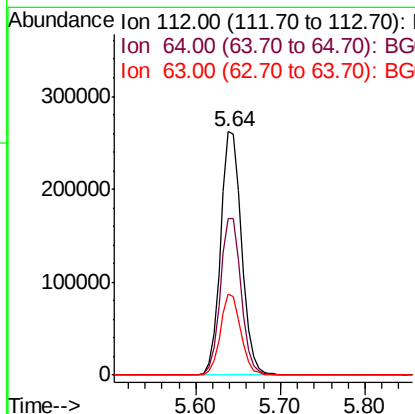
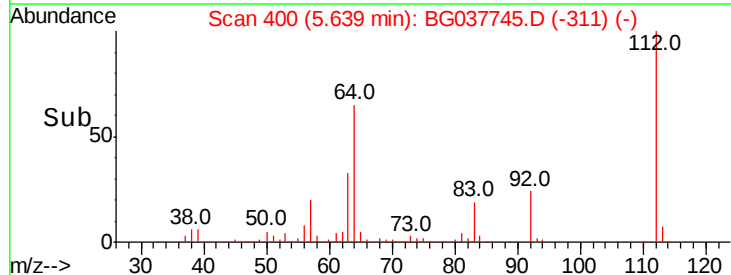
#5

2-Fluorophenol
Concen: 114.637 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Tgt Ion:112 Resp: 452211
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.2 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: 95.488 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

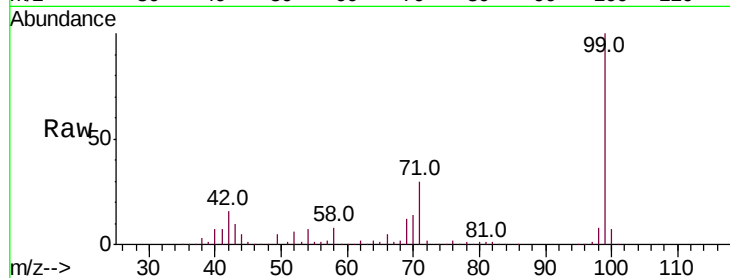
Tot Ion: 99 Resp: 569577

Ion Ratio Lower Upper

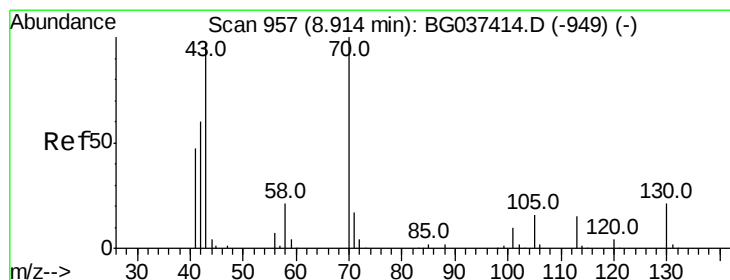
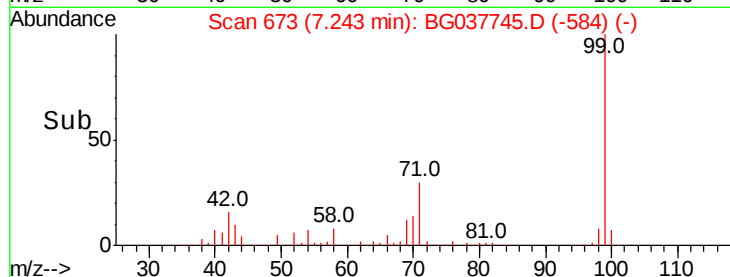
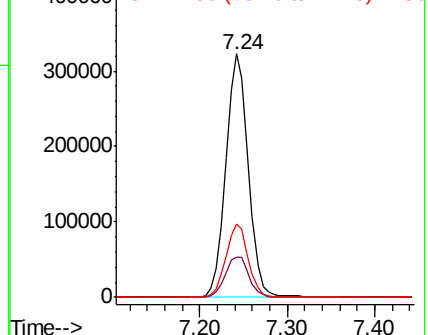
99 100

42 16.4 15.0 22.4

71 29.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.127 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Tgt Ion: 70 Resp: 58025

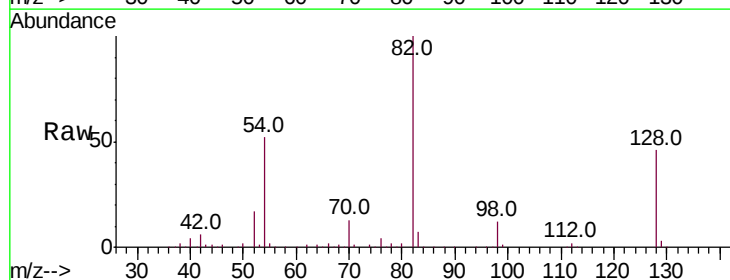
Ion Ratio Lower Upper

70 100

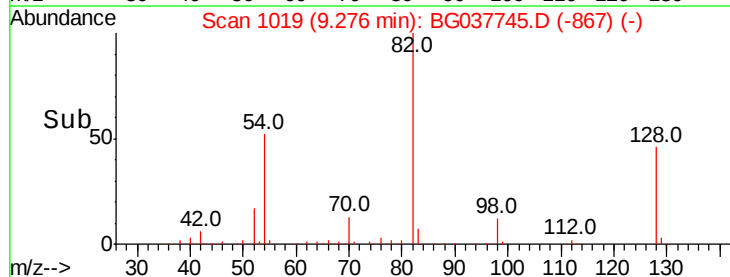
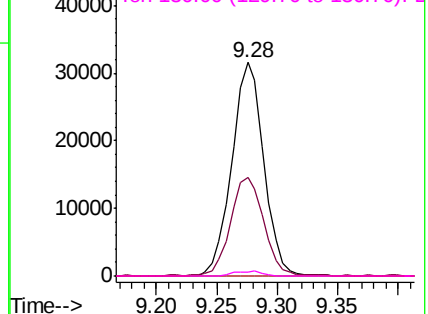
42 46.3 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

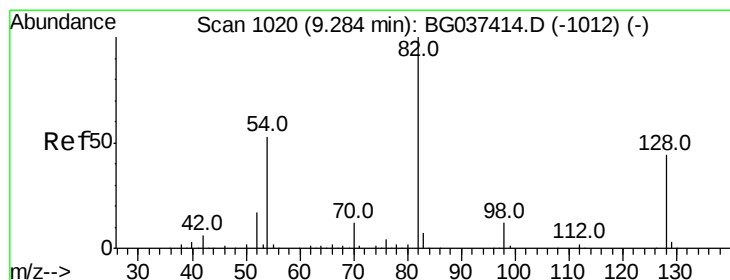
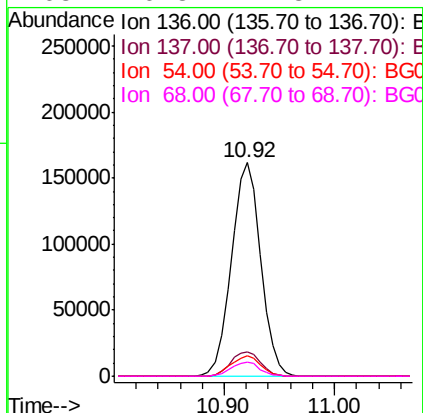
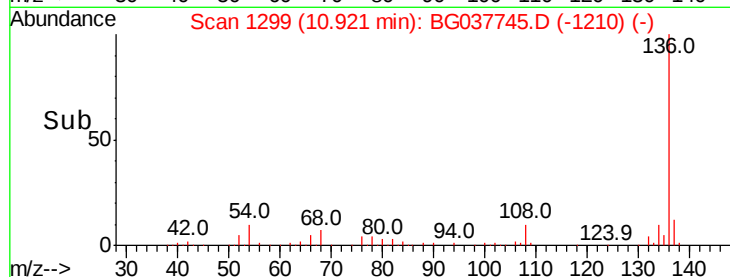
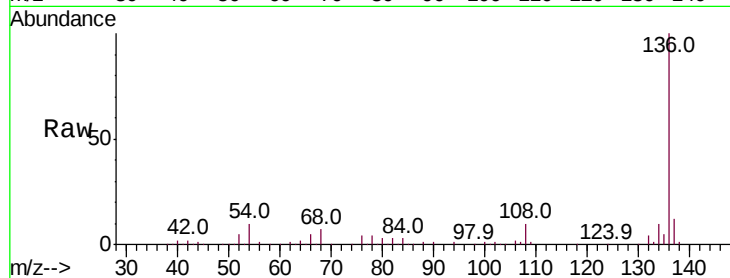




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

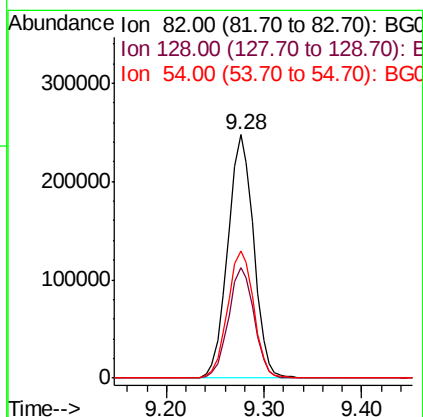
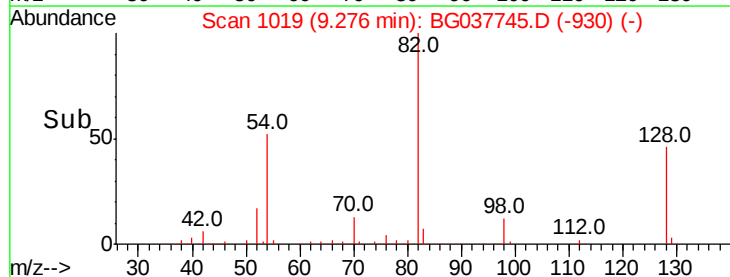
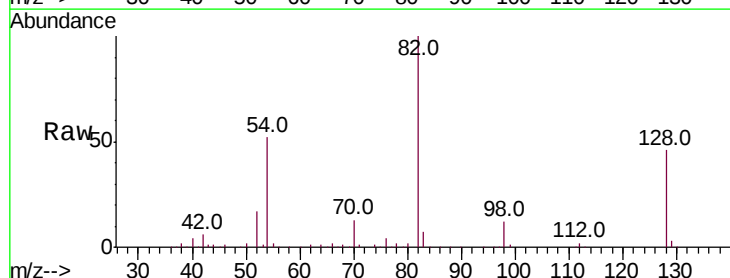
Instrument :
BNA_G
ClientSampled :

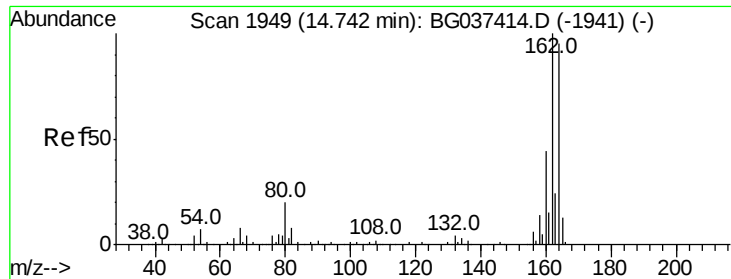
Tot Ion:	136	Resp:	300600
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.5	7.9	11.9
68	6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.849 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Tgt Ion:	82	Resp:	455305
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	52.4	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: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

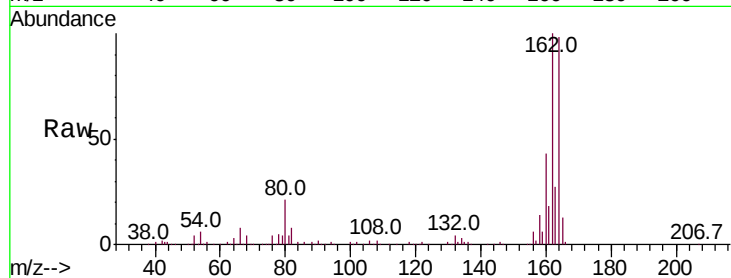
Tot Ion:164 Resp: 199080

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

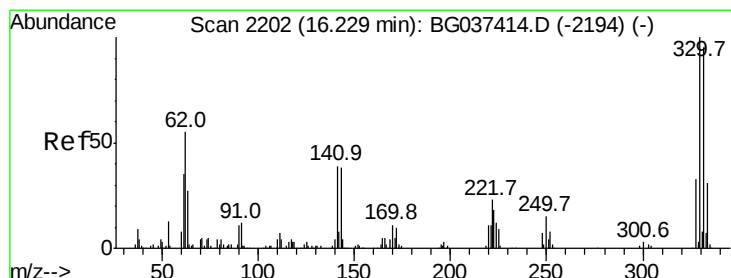
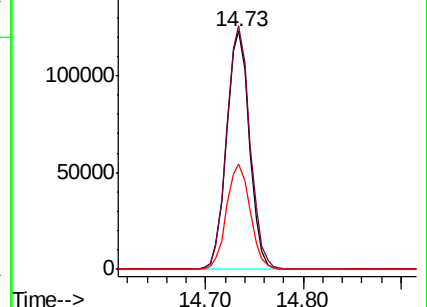
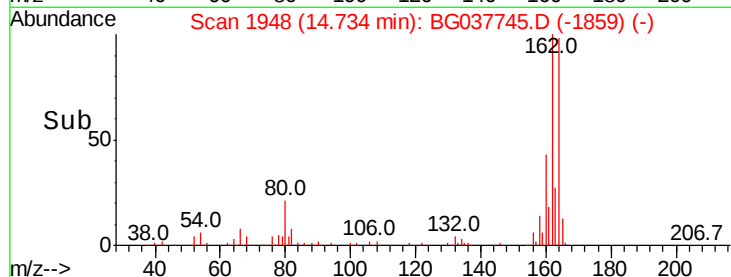
160 44.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 116.191 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

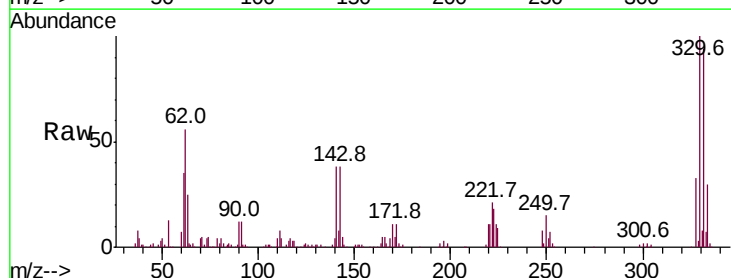
Tgt Ion:330 Resp: 252290

Ion Ratio Lower Upper

330 100

332 91.8 78.4 117.6

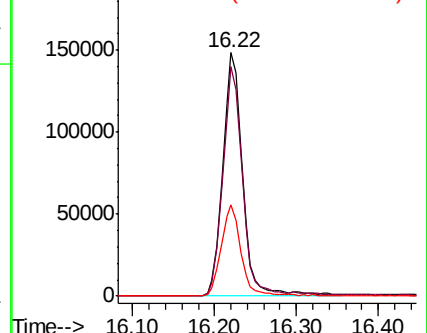
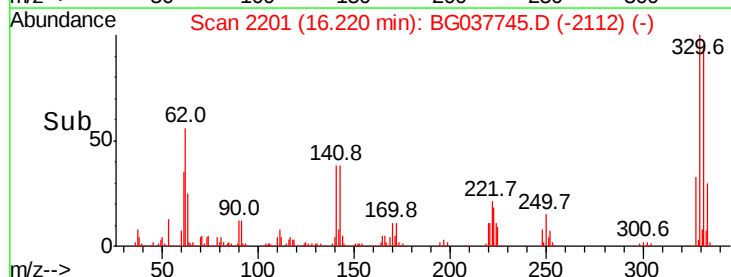
141 37.4 32.2 48.2

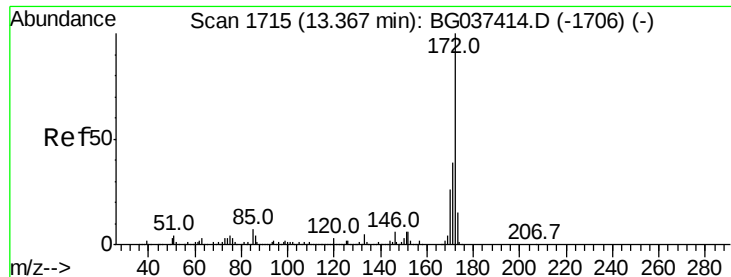


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

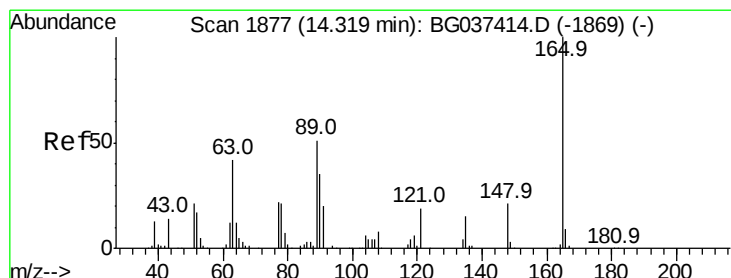
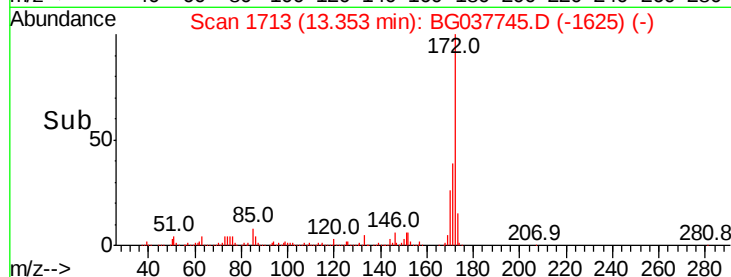
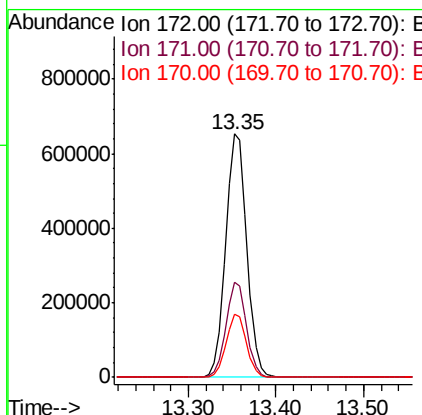
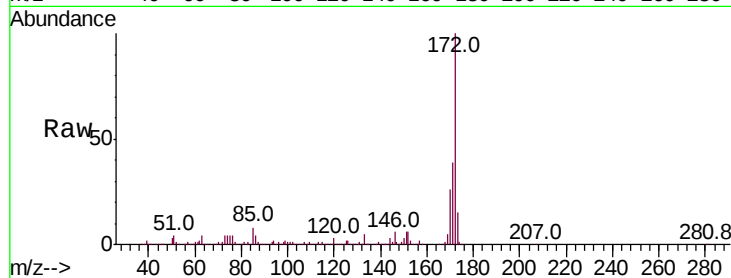




#45
2-Fluorobiphenyl
Concen: 81.984 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

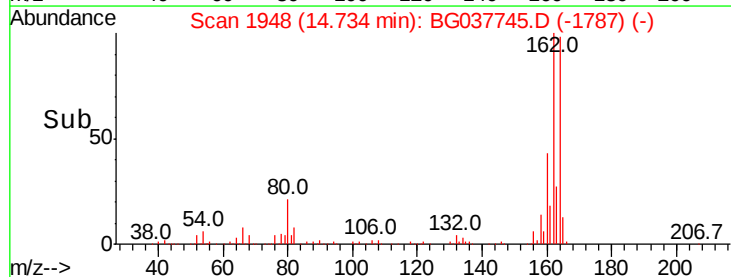
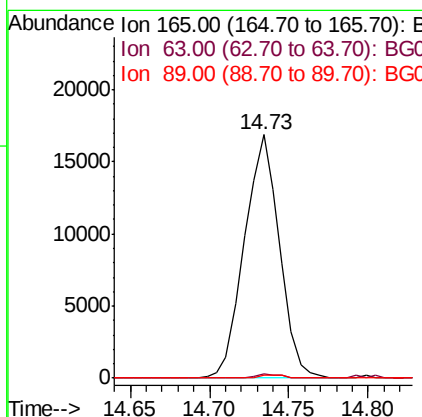
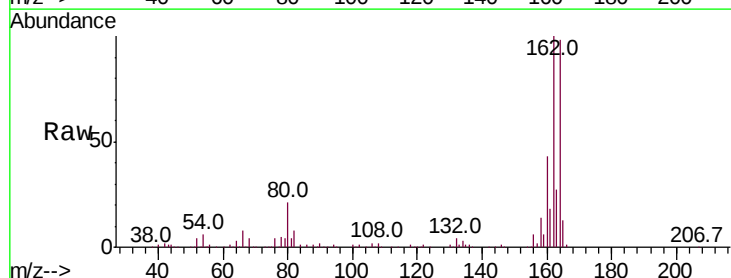
Instrument :
BNA_G
ClientSampleId :

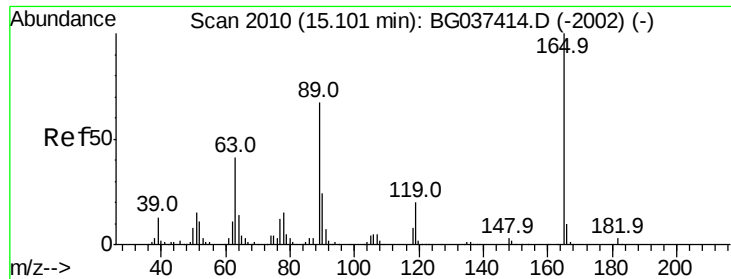
Tot Ion:172 Resp: 1082359
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 25.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Tgt Ion:165 Resp: 25899
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.2#
89 1.3 45.8 68.6#

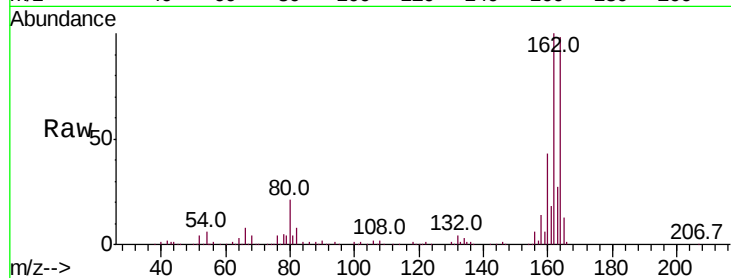




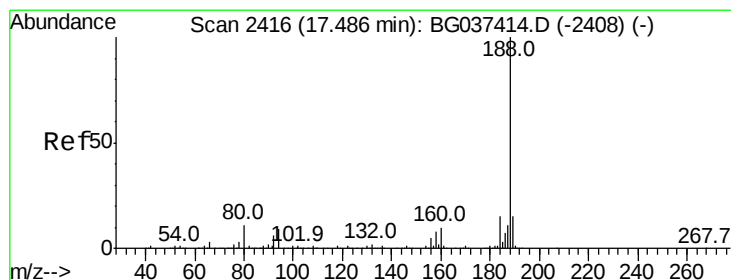
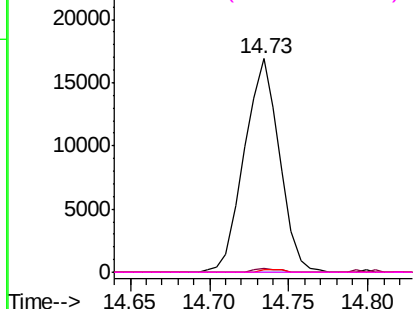
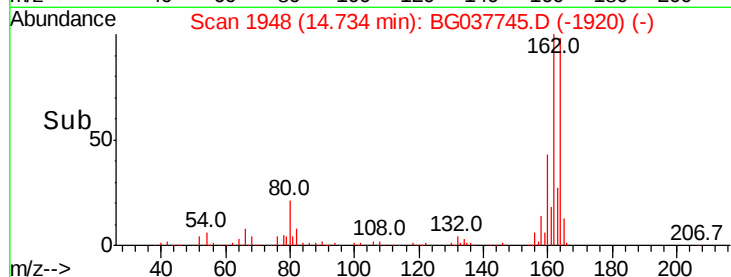
#57
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037745.D
 Acq: 2 Nov 2018 8:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 25899
 Ion Ratio Lower Upper
 165 100
 63 1.6 33.4 50.0#
 89 1.3 57.2 85.8#
 182 0.0 2.6 4.0#

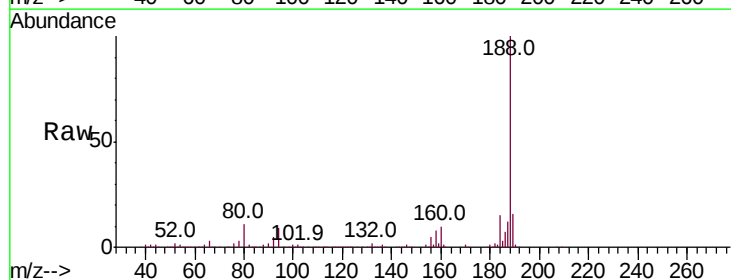


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

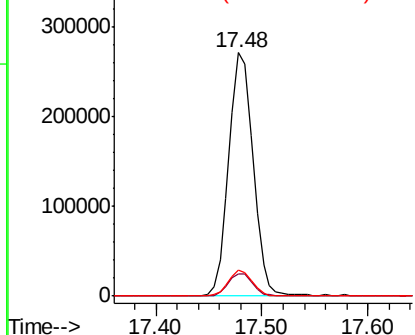
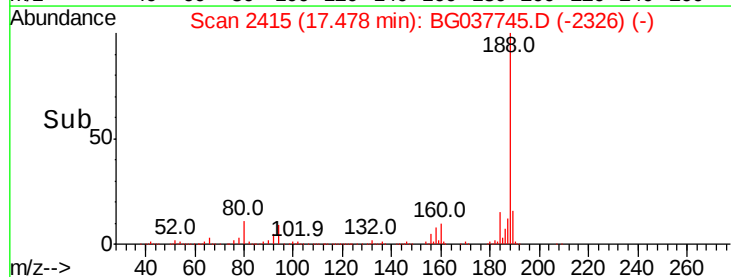


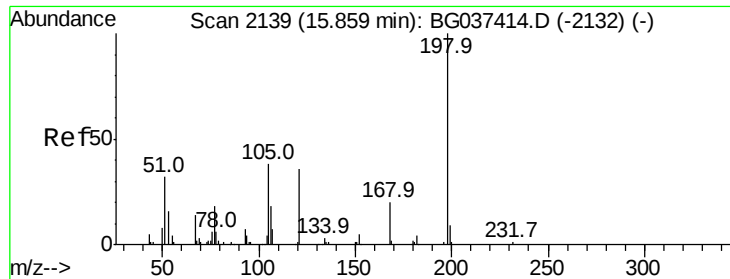
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037745.D
 Acq: 2 Nov 2018 8:13

Tgt Ion:188 Resp: 435205
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.6 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: 8.596 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

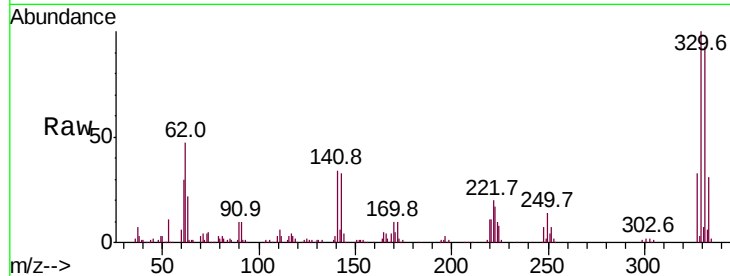
Tot Ion:198 Resp: 247

Ion Ratio Lower Upper

198 100

51 25.8 22.7 62.7

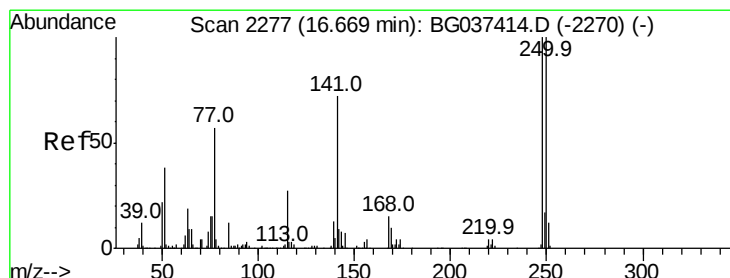
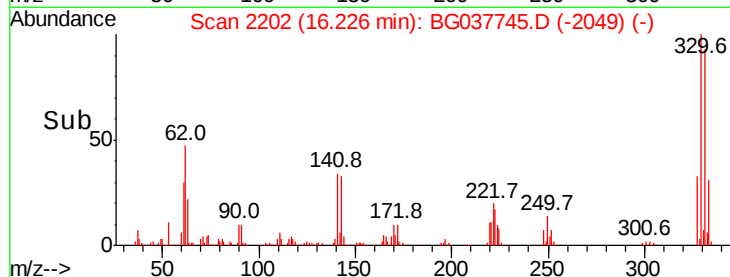
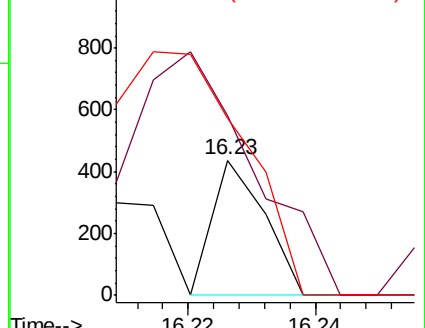
105 25.3 19.7 59.7



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: 3.865 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

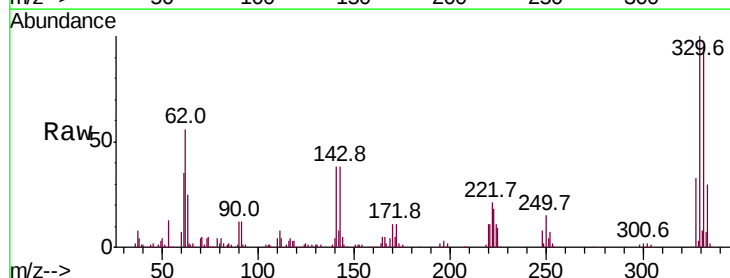
Tgt Ion:248 Resp: 18474

Ion Ratio Lower Upper

248 100

250 186.6 77.0 115.6#

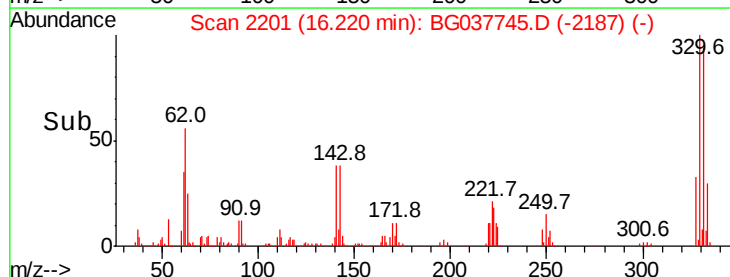
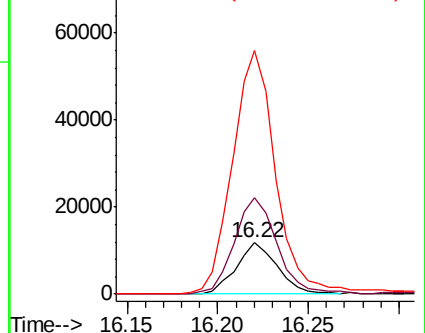
141 371.1 55.5 83.3#

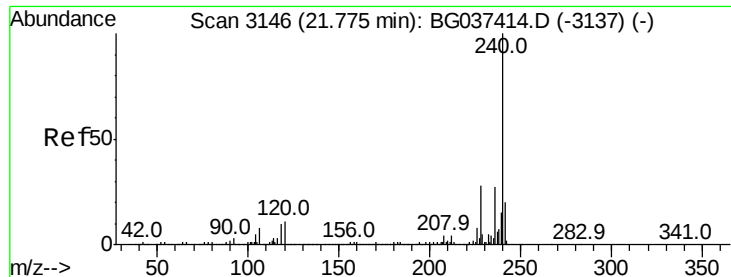


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG037745.D

Acq: 2 Nov 2018 8:13

Instrument :

BNA_G

ClientSampleId :

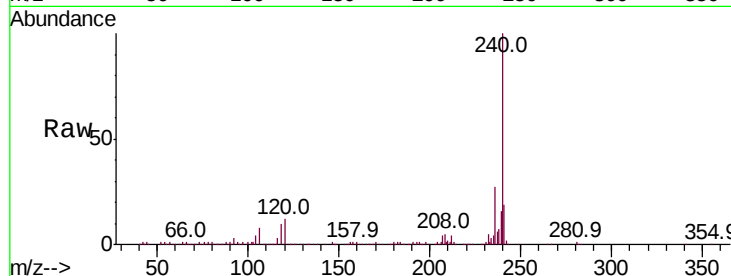
Tot Ion:240 Resp: 386662

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

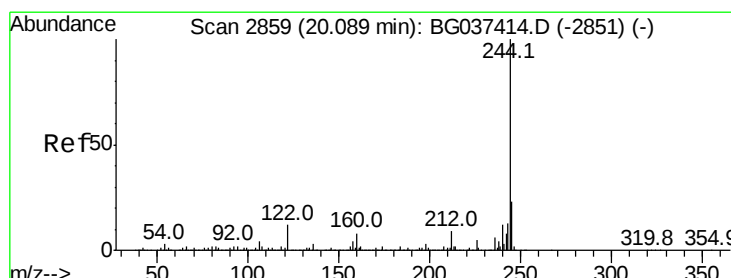
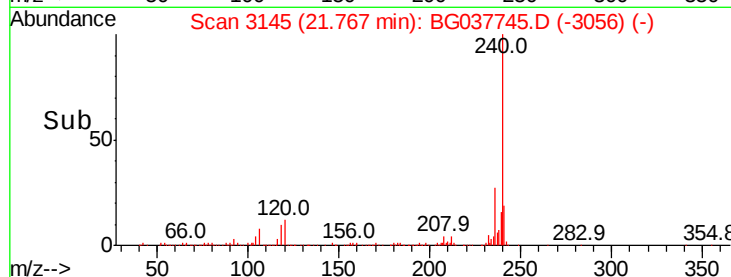
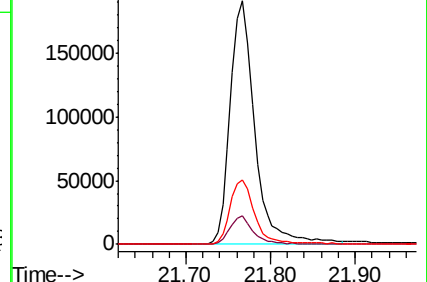
236 26.6 21.4 32.0



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: 89.561 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037745.D

Acq: 2 Nov 2018 8:13

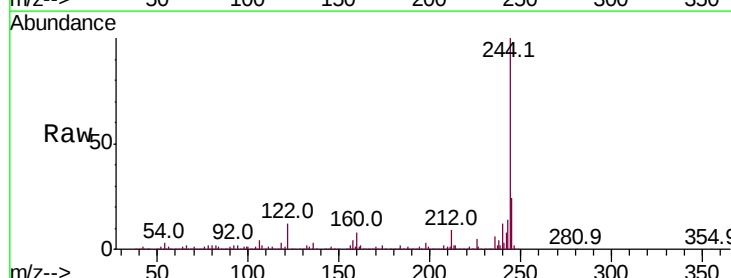
Tgt Ion:244 Resp: 1620671

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

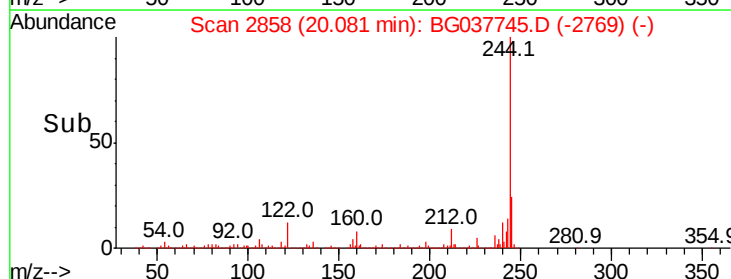
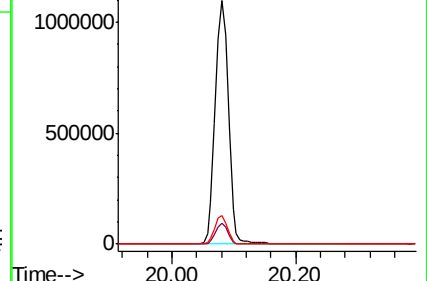
122 11.7 9.0 13.4

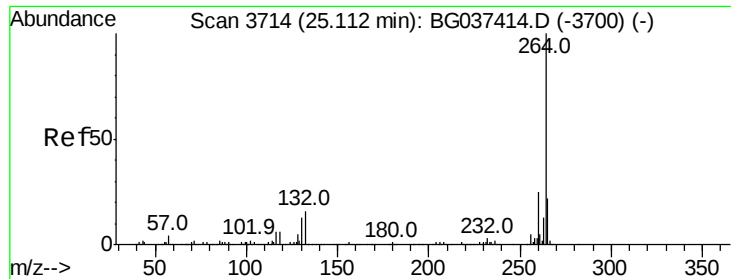


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
Delta R.T. -0.01 min
Lab File: BG037745.D
Acq: 2 Nov 2018 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.5	17.9	26.9

