

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037554.D
 Acq On : 25 Oct 2018 20:55
 Operator : JU/SJ
 Sample : J5652-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:06:21 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

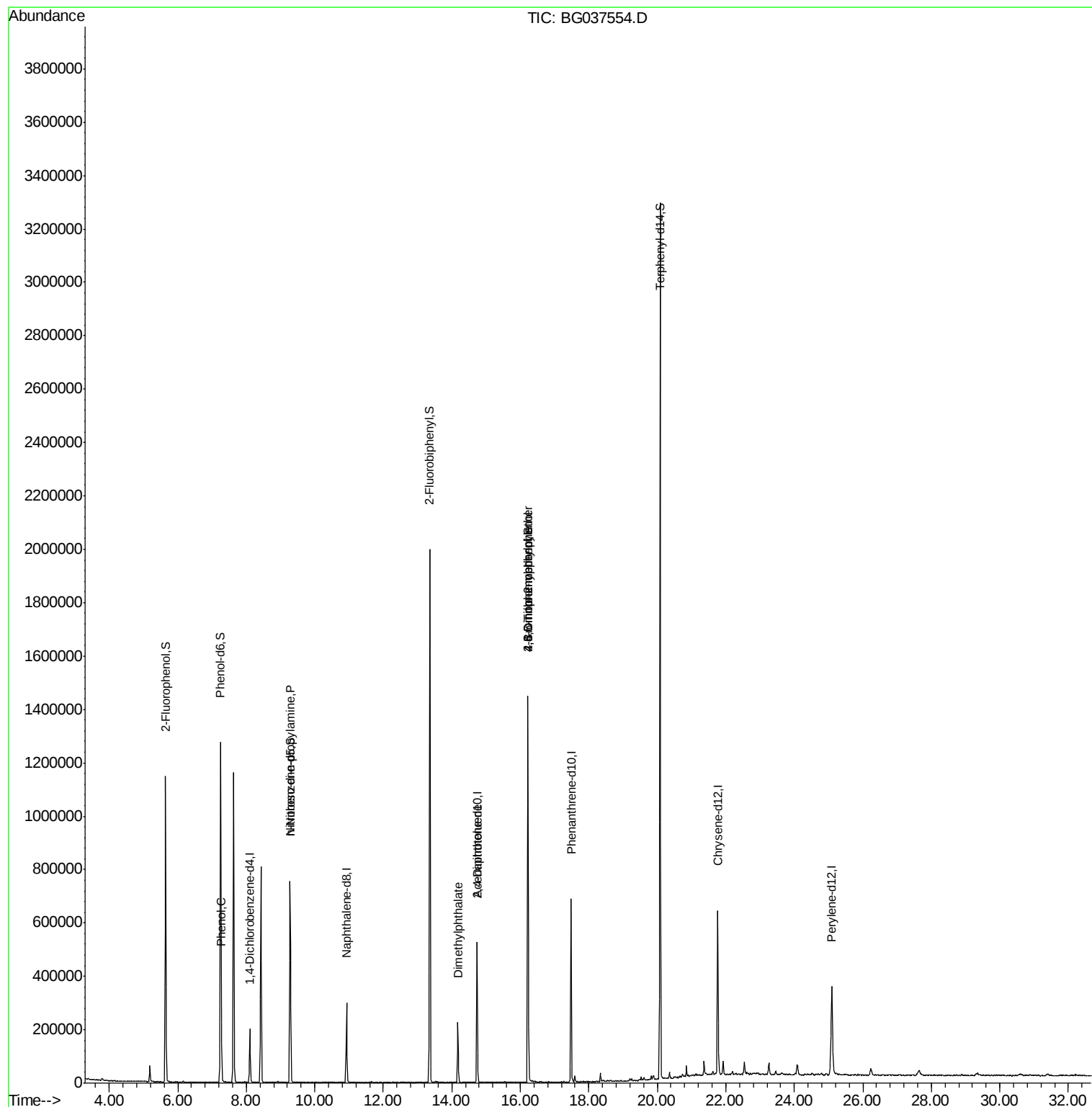
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60091	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	266538	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	183274	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	436627	20.00	ng	0.00
76) Chrysene-d12	21.76	240	389961	20.00	ng	-0.01
87) Perylene-d12	25.10	264	390425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	518814	144.34	ng	0.00
7) Phenol-d6	7.25	99	813494	149.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	477066	100.27	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	271045	135.59	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1085504	89.31	ng	-0.01
79) Terphenyl-d14	20.08	244	1592766	87.27	ng	0.00
Target Compounds						
10) Phenol	7.28	94	89652	15.634	ng	99
19) n-Nitroso-di-n-propylamine	9.28	70	60089	16.055	ng	# 72
50) Dimethylphthalate	14.18	163	159010	11.215	ng	100
57) 2,4-Dinitrotoluene	14.74	165	24037	5.838	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	753	8.778	ng	88
67) 4-Bromophenyl-phenylether	16.22	248	20300	4.234	ng	# 1

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

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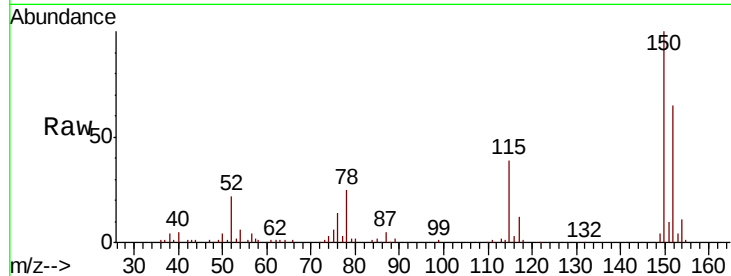


#1

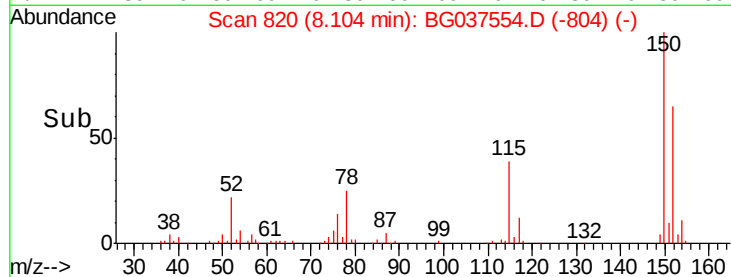
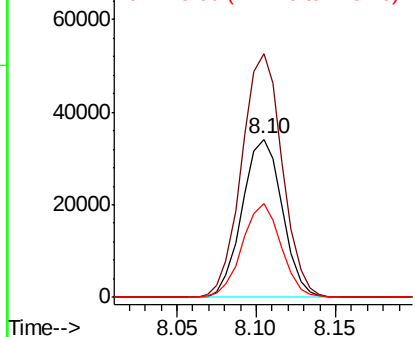
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037554.D
Acq: 25 Oct 2018 20:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60091
Ion Ratio Lower Upper
152 100
150 153.7 126.0 189.0
115 59.4 45.5 68.3



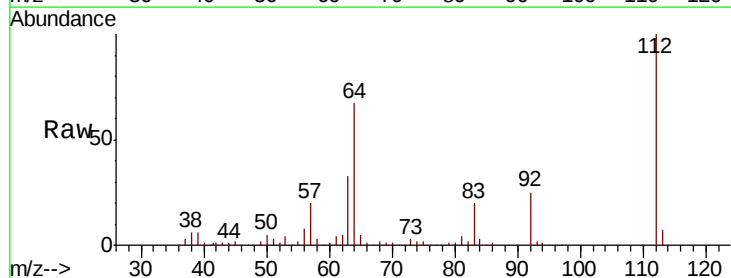
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



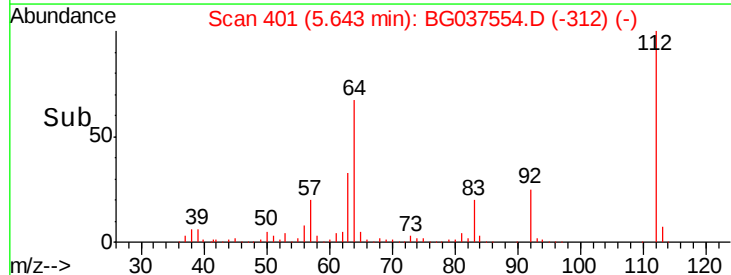
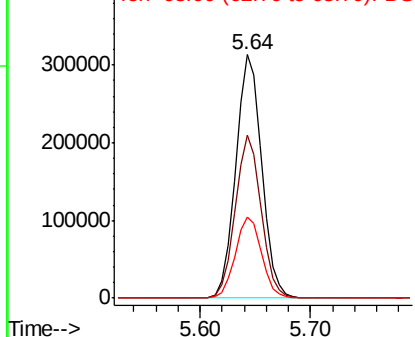
#5

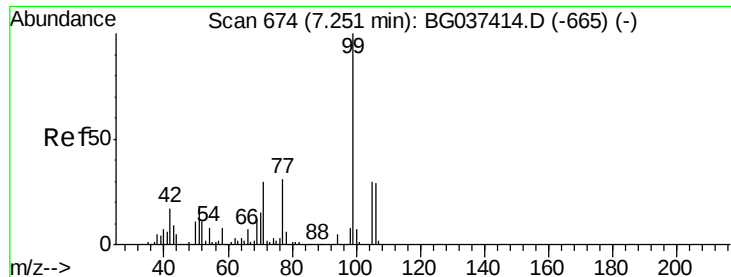
2-Fluorophenol
Concen: 144.345 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037554.D
Acq: 25 Oct 2018 20:55

Tgt Ion:112 Resp: 518814
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 33.1 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: 149.677 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

Instrument :

BNA_G

ClientSampled :

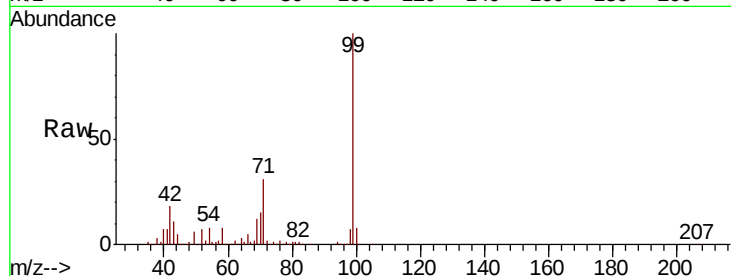
Tot Ion: 99 Resp: 813494

Ion Ratio Lower Upper

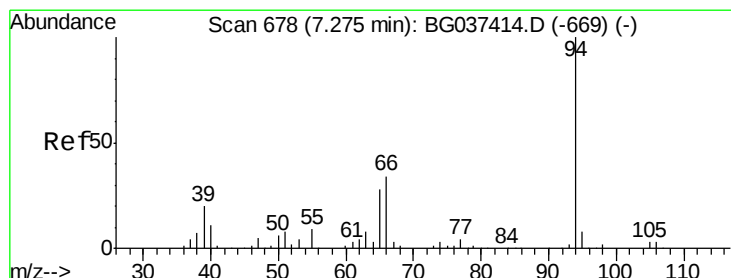
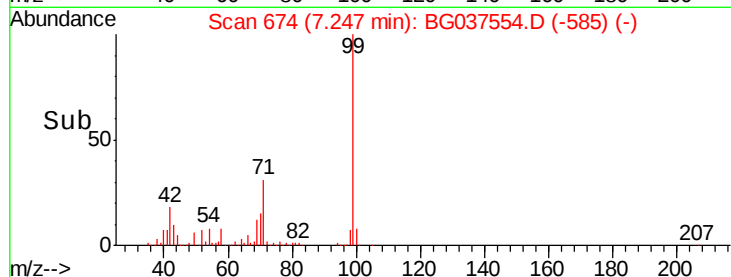
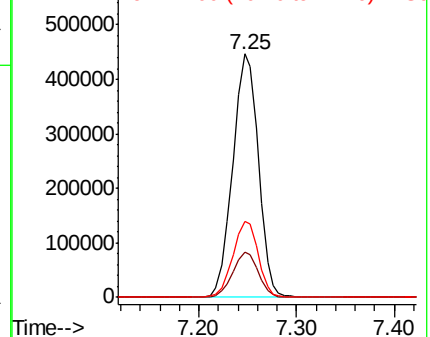
99 100

42 18.5 15.0 22.4

71 31.3 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: 15.634 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

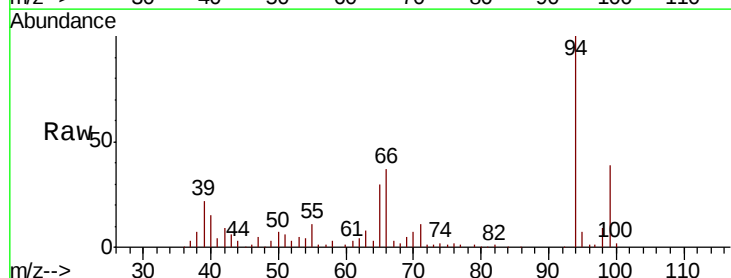
Tgt Ion: 94 Resp: 89652

Ion Ratio Lower Upper

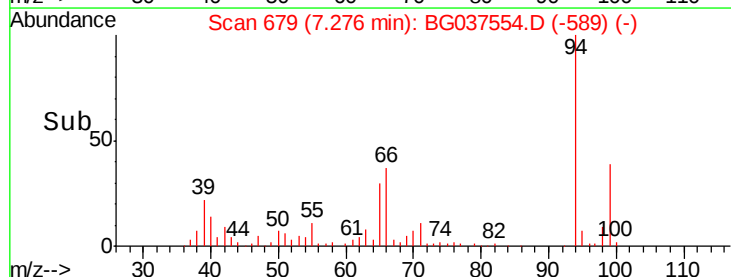
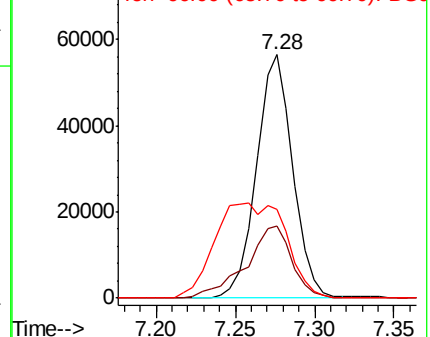
94 100

65 29.7 9.7 49.7

66 36.7 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

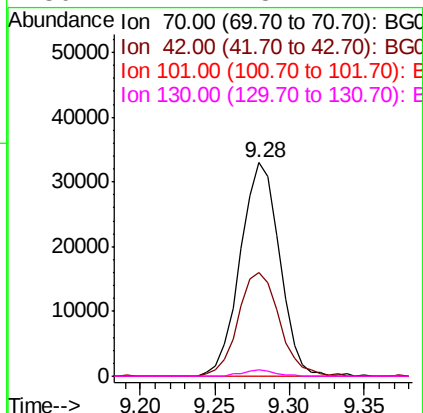
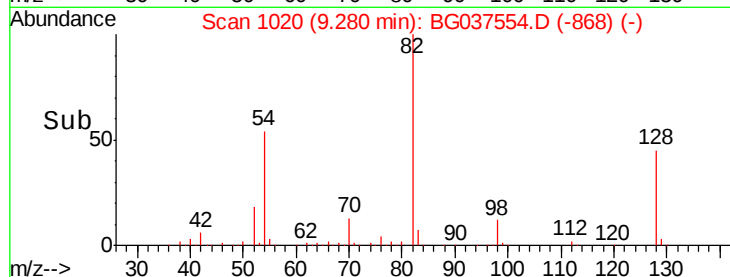
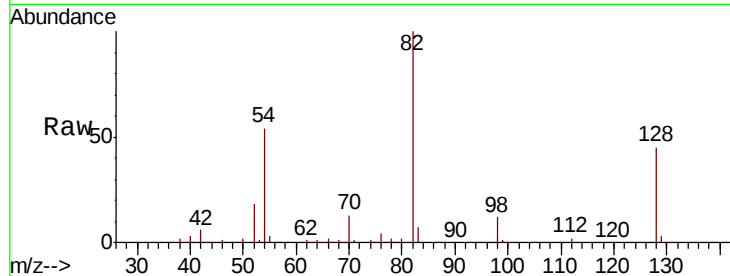




#19
n-Nitroso-di-n-propylamine
Concen: 16.055 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037554.D
Acq: 25 Oct 2018 20:55

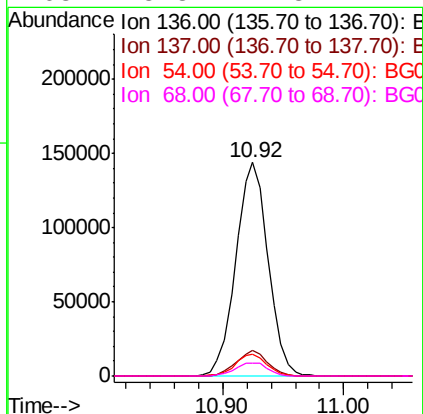
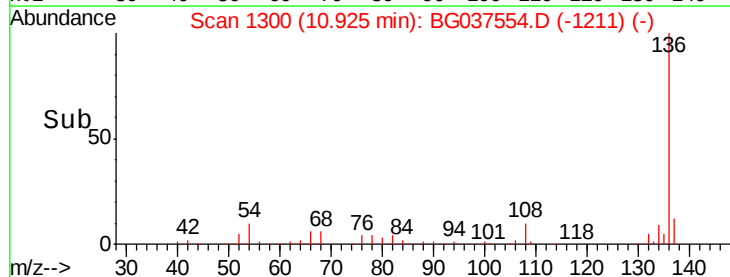
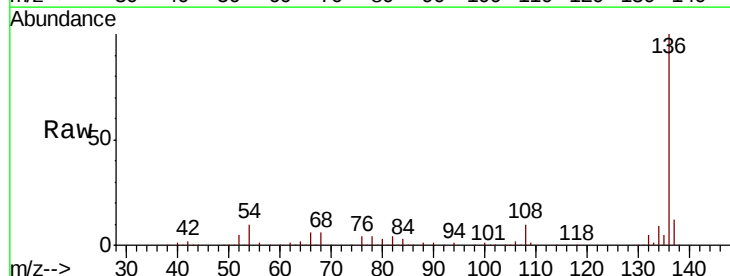
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 60089
Ion Ratio Lower Upper
70 100
42 48.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037554.D
Acq: 25 Oct 2018 20:55

Tgt Ion: 136 Resp: 266538
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 10.3 7.9 11.9
68 5.8 4.8 7.2

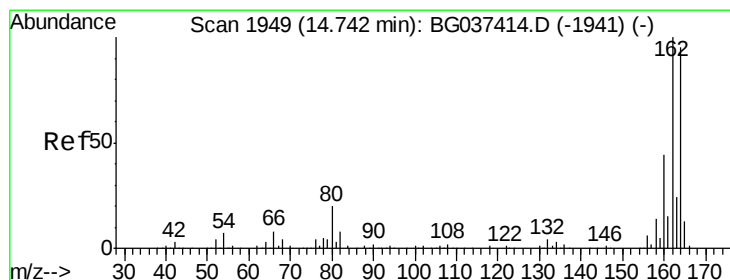
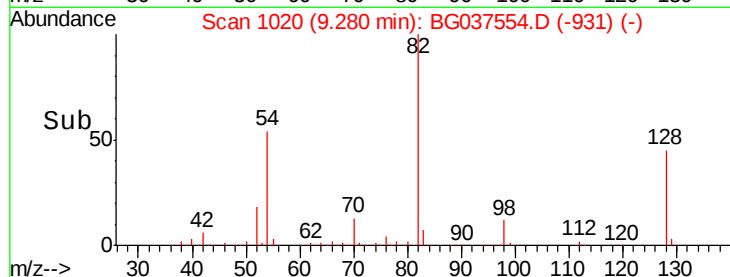
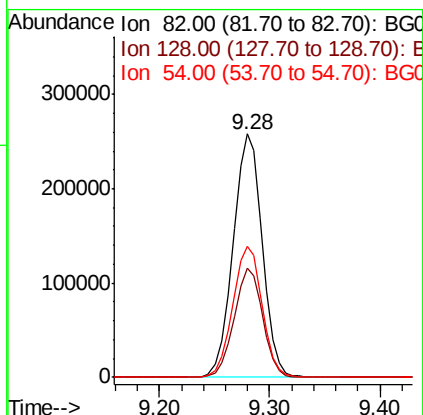
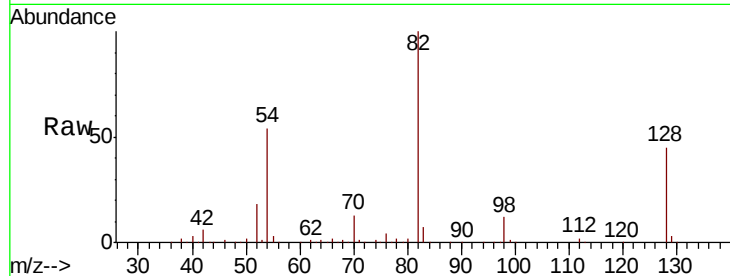




#23
 Nitrobenzene-d5
 Concen: 100.266 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

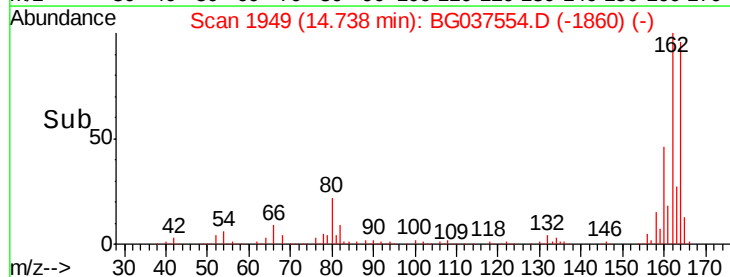
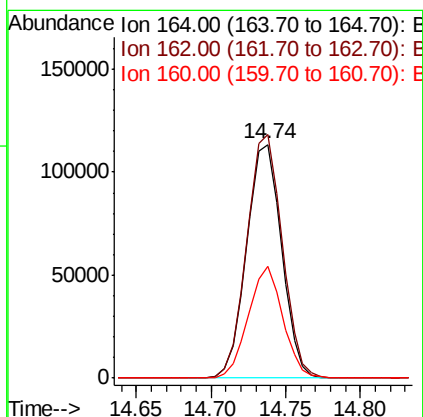
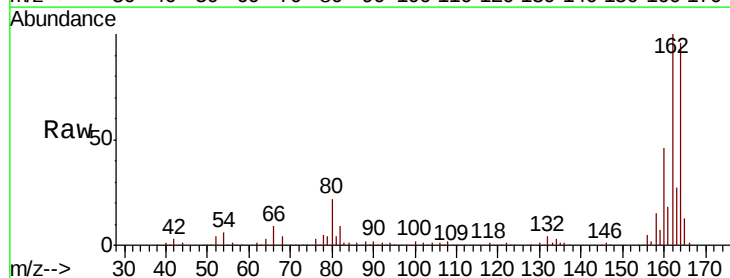
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82.00	Resp	477066
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.6	51.8
54	54.1	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

Tgt Ion	164.00	Resp	183274
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.3	121.9
160	47.9	36.3	54.5

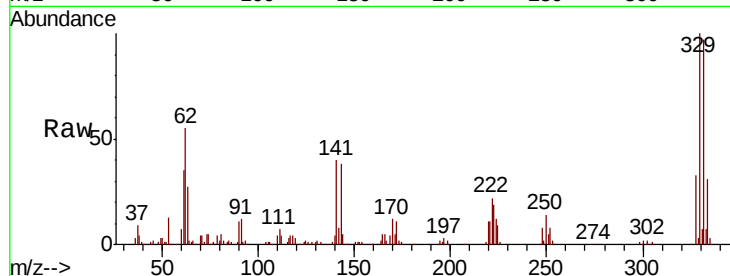




#42
 2,4,6-Tribromophenol
 Concen: 135.594 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	40.4	32.2	48.2

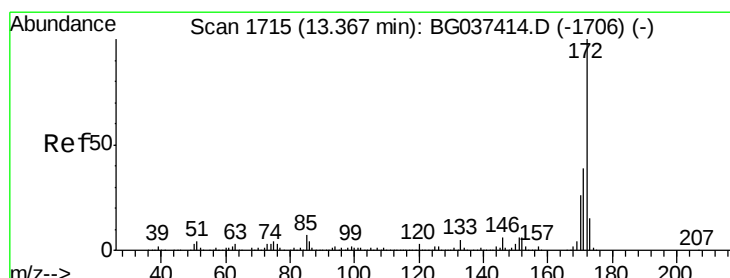
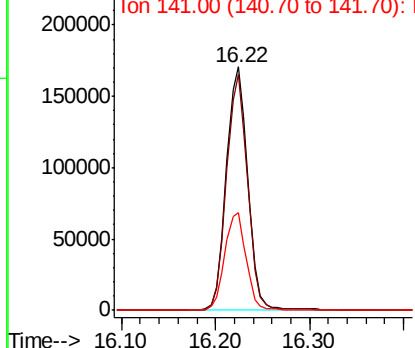
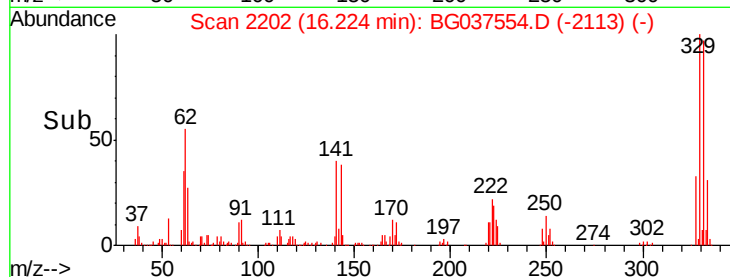


Abundance

Ion 329.80 (329.50 to 330.50): E

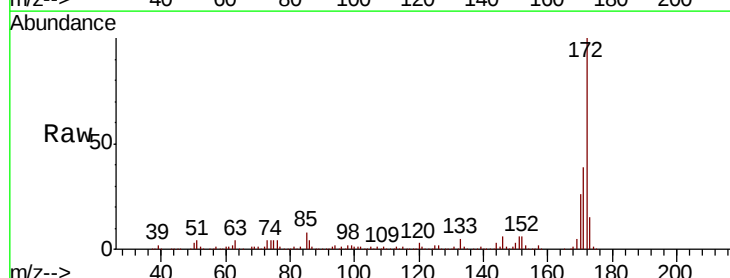
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.313 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.1	20.2	30.2

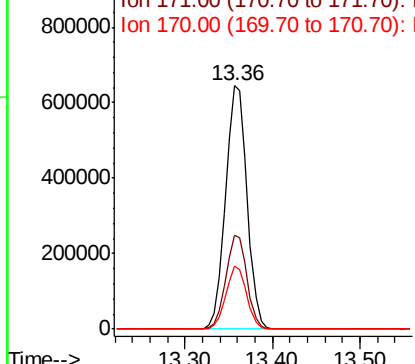
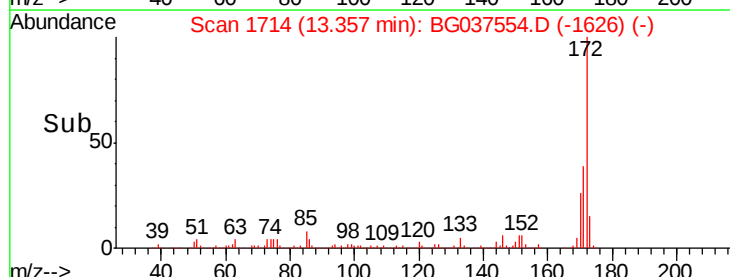


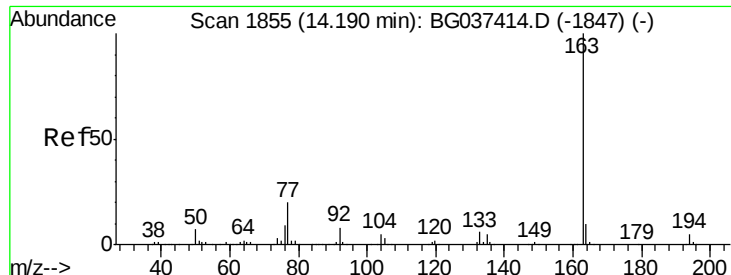
Abundance

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: 11.215 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

Instrument :

BNA_G

ClientSampled :

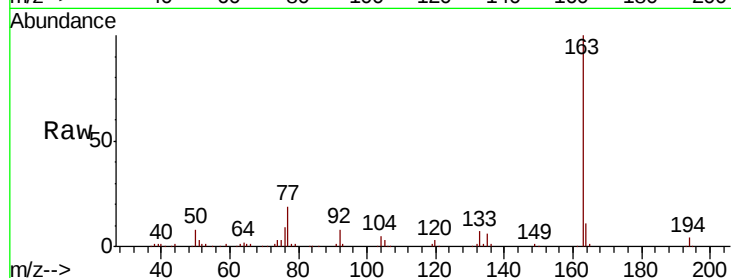
Tot Ion:163 Resp: 159010

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

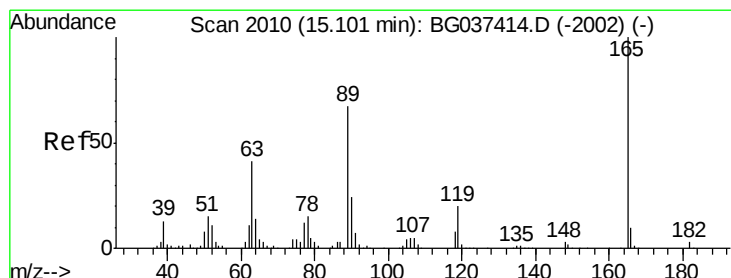
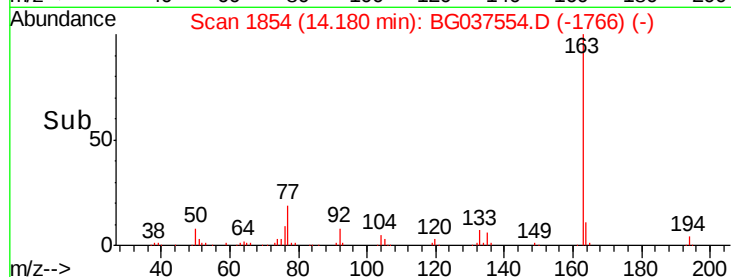
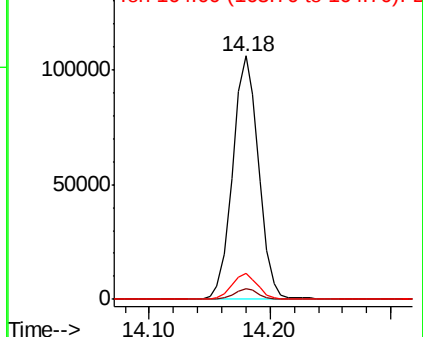
164 10.6 8.5 12.7



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: 5.838 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

Tgt Ion:165 Resp: 24037

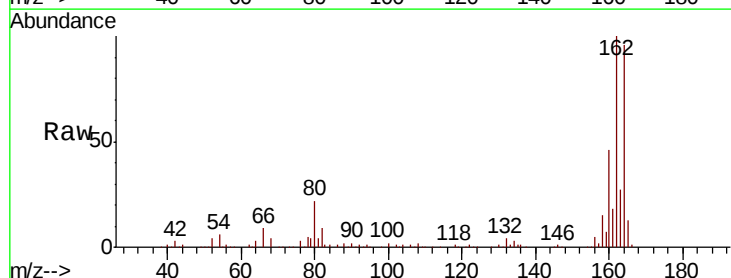
Ion Ratio Lower Upper

165 100

63 1.1 33.4 50.0#

89 2.0 57.2 85.8#

182 0.0 2.6 4.0#

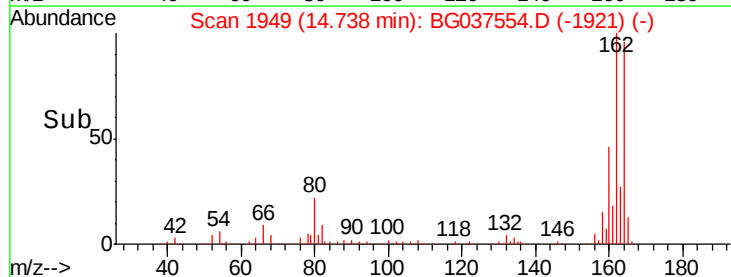
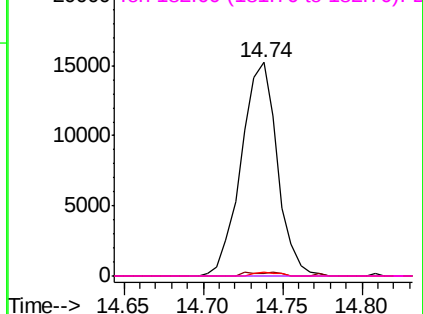


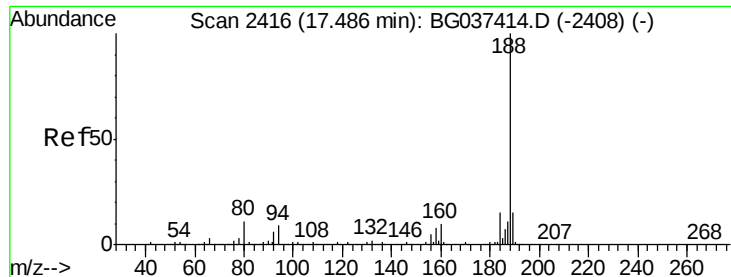
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2416

Delta R.T. -0.00 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

Instrument :

BNA_G

ClientSampleId :

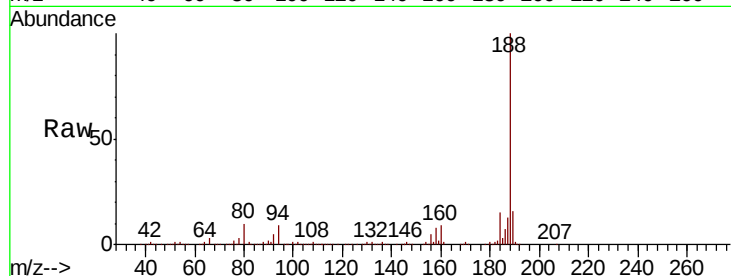
Tot Ion:188 Resp: 436627

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

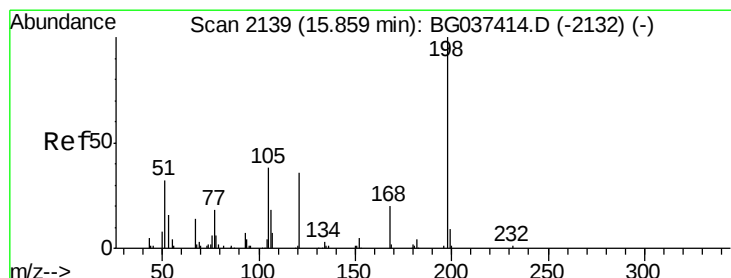
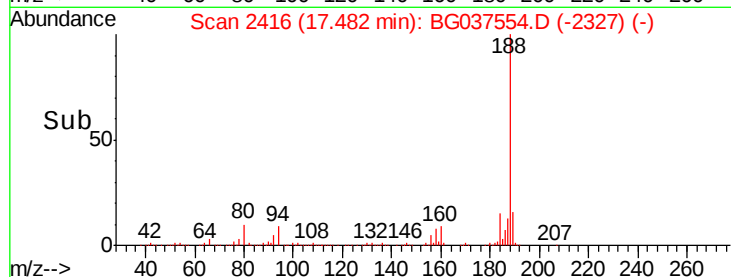
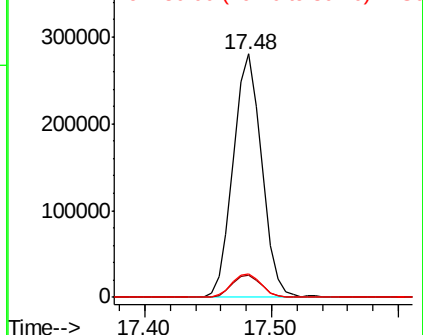
80 9.7 7.7 11.5



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: 8.778 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

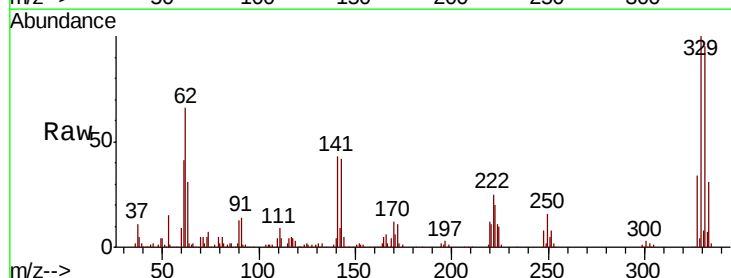
Tgt Ion:198 Resp: 753

Ion Ratio Lower Upper

198 100

51 33.3 22.7 62.7

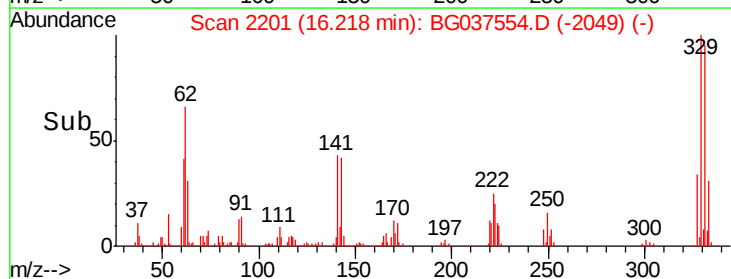
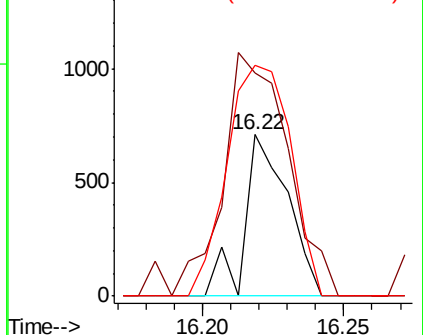
105 34.4 19.7 59.7



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

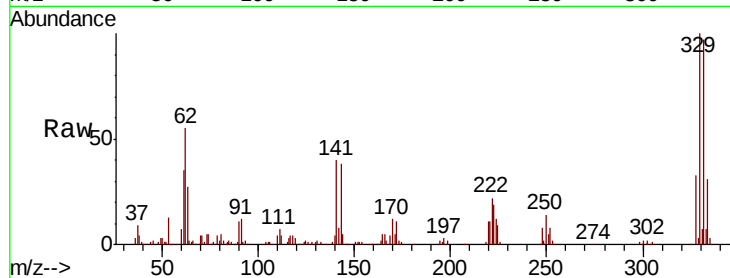




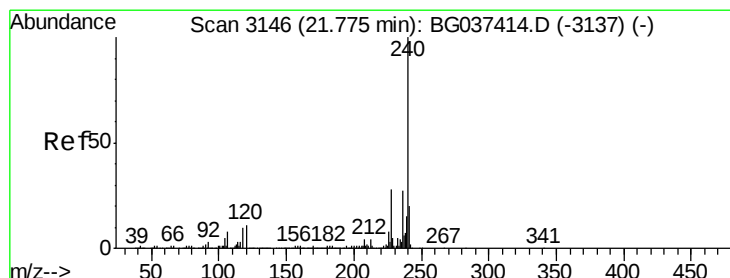
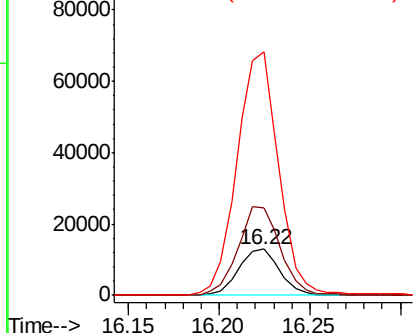
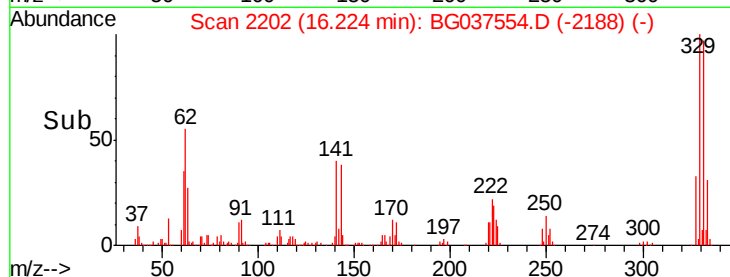
#67
 4-Bromophenyl-phenylether
 Concen: 4.234 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 20300
 Ion Ratio Lower Upper
 248 100
 250 196.8 77.0 115.6#
 141 417.8 55.5 83.3#

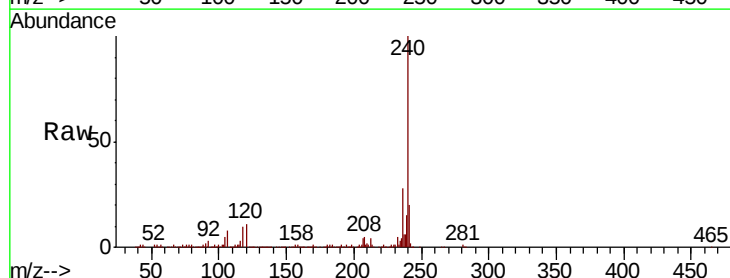


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

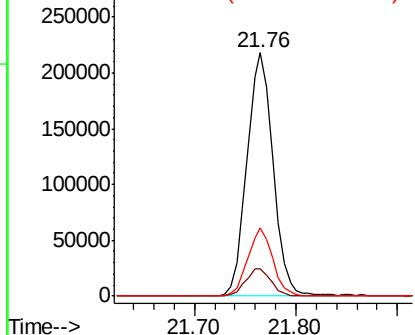
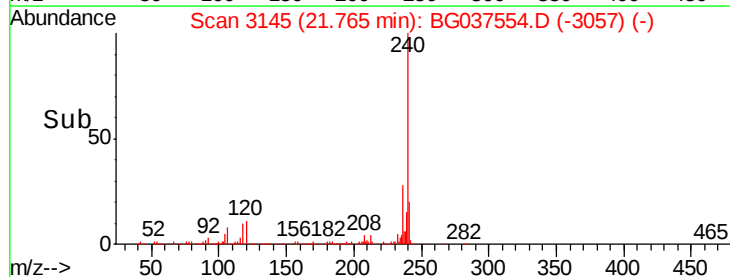


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037554.D
 Acq: 25 Oct 2018 20:55

Tgt Ion:240 Resp: 389961
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.9 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: 87.275 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

Instrument :

BNA_G

ClientSampled :

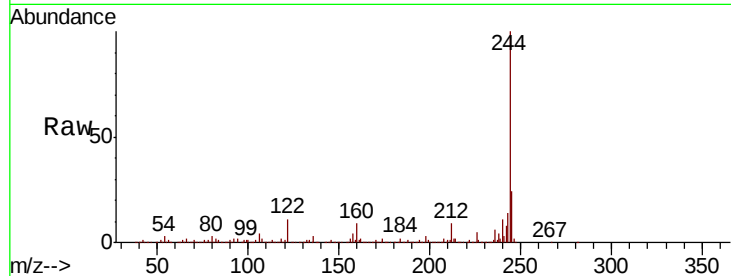
Tot Ion:244 Resp: 1592766

Ion Ratio Lower Upper

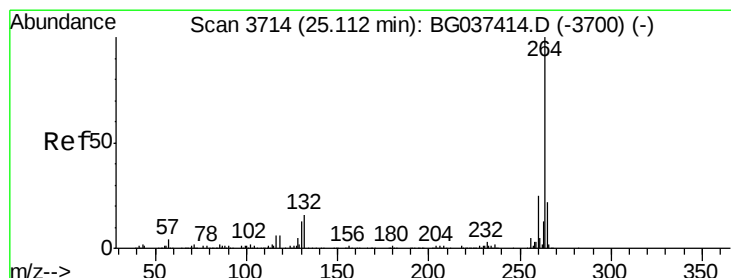
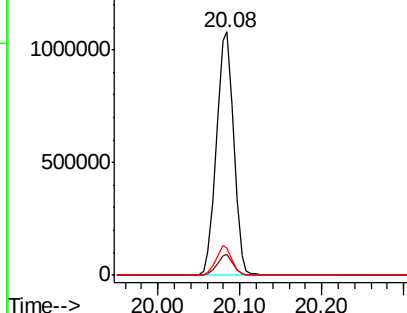
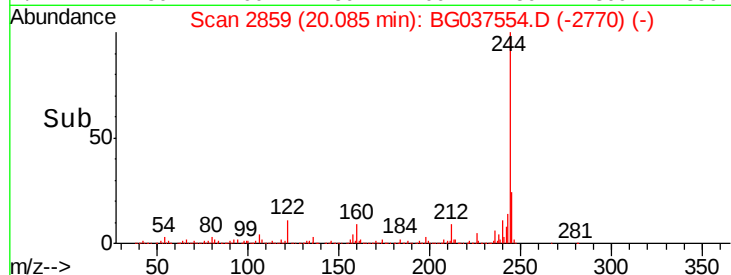
244 100

212 8.7 6.5 9.7

122 11.2 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. -0.02 min

Lab File: BG037554.D

Acq: 25 Oct 2018 20:55

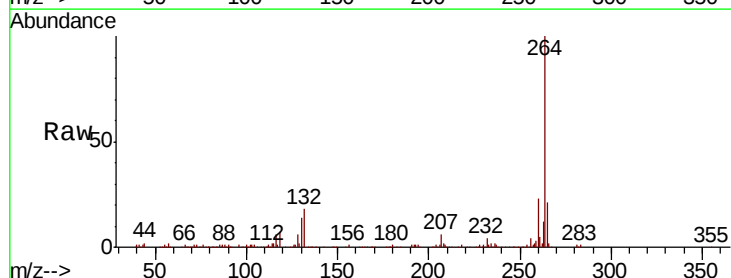
Tgt Ion:264 Resp: 390425

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.4 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

