

Data File : BG037827.D
Acq On : 6 Nov 2018 7:02
Operator : JU/SJ
Sample : J5750-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
7C

Quant Time: Nov 06 08:24:19 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

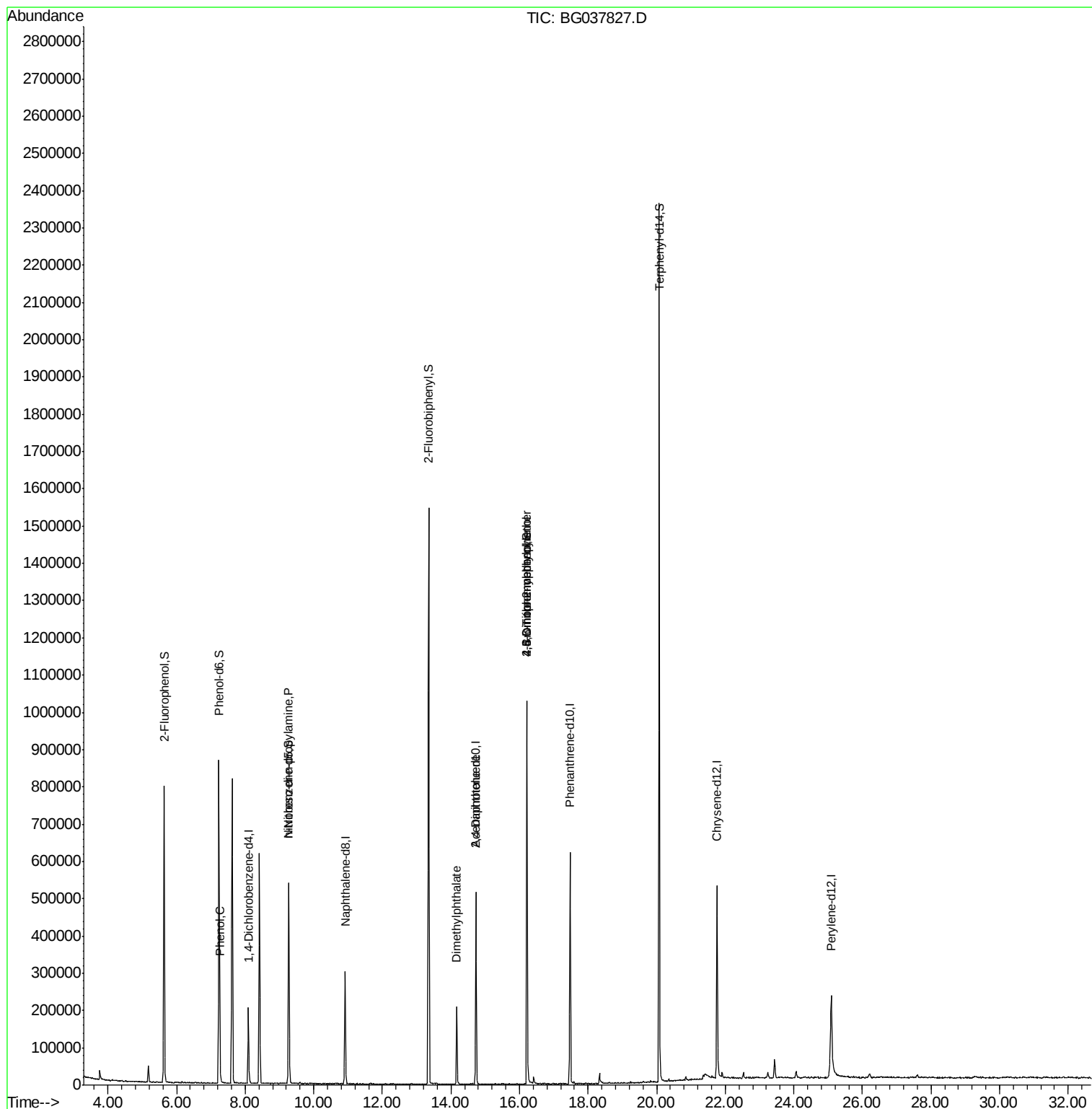
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61753	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	282906	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	186015	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	404943	20.00	ng	0.00
76) Chrysene-d12	21.76	240	364320	20.00	ng	-0.01
87) Perylene-d12	25.09	264	326924	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382243	103.49	ng	0.00
7) Phenol-d6	7.24	99	571003	102.23	ng	-0.01
23) Nitrobenzene-d5	9.27	82	351039	69.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	194829	96.03	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	860837	69.78	ng	-0.01
79) Terphenyl-d14	20.07	244	1163036	68.21	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	35686	6.056	ng	94
19) n-Nitroso-di-n-propylamine	9.27	70	43482	11.305	ng	# 71
50) Dimethylphthalate	14.18	163	152483	10.596	ng	99
57) 2,4-Dinitrotoluene	14.73	165	23970	5.736	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	648	8.758	ng	79
67) 4-Bromophenyl-phenylether	16.21	248	14059	3.162	ng	# 1

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

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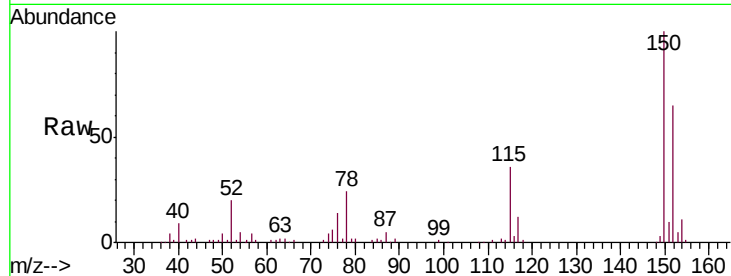




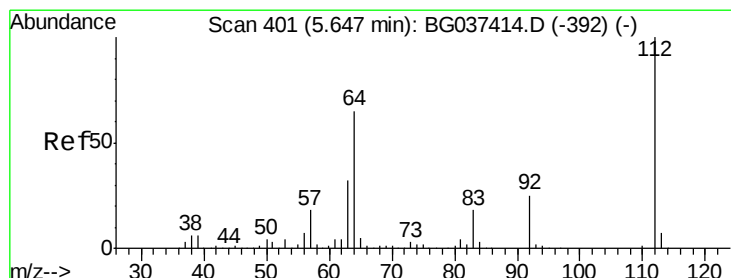
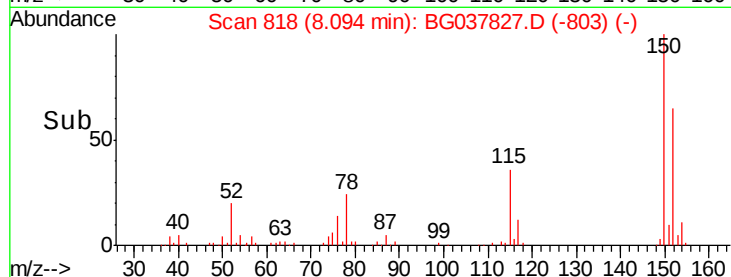
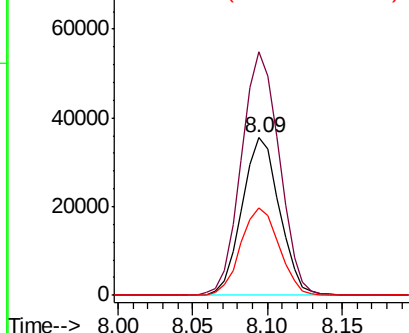
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Instrument :
 BNA_G
 ClientSampleId :
 7C

Tgt Ion:152 Resp: 61753
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 55.6 45.5 68.3

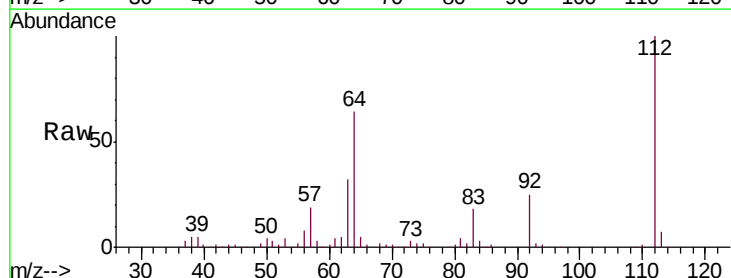


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

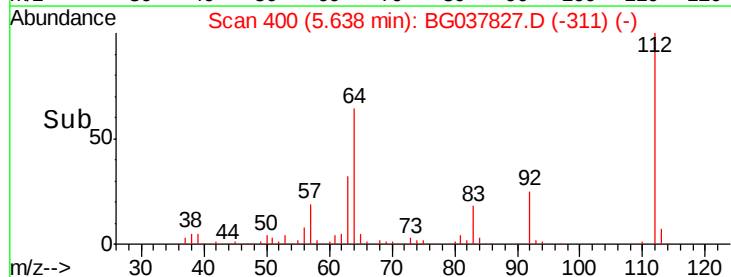
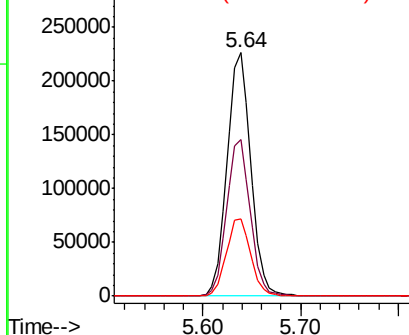


#5
 2-Fluorophenol
 Concen: 103.486 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Tgt Ion:112 Resp: 382243
 Ion Ratio Lower Upper
 112 100
 64 64.5 53.1 79.7
 63 31.9 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: 102.233 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

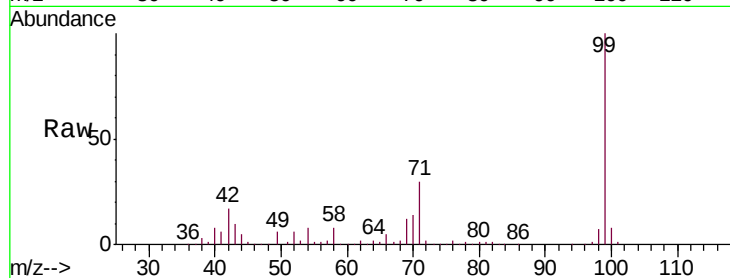
Tgt Ion: 99 Resp: 571003

Ion Ratio Lower Upper

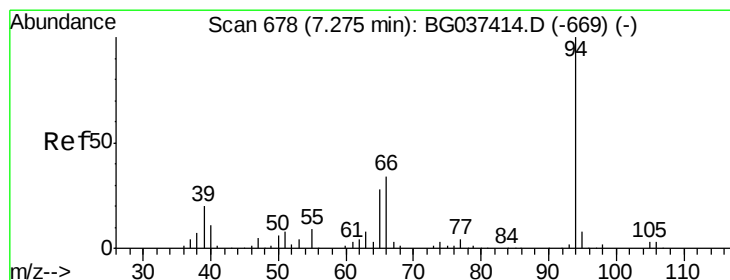
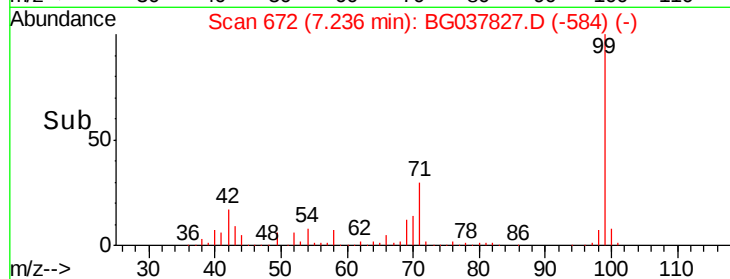
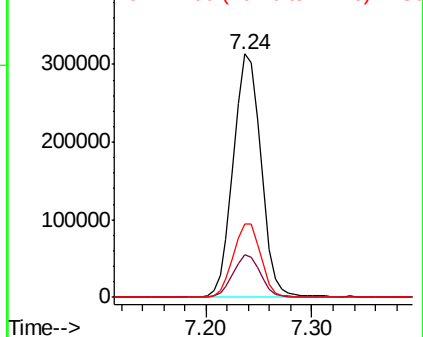
99 100

42 17.4 15.0 22.4

71 30.2 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: 6.056 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

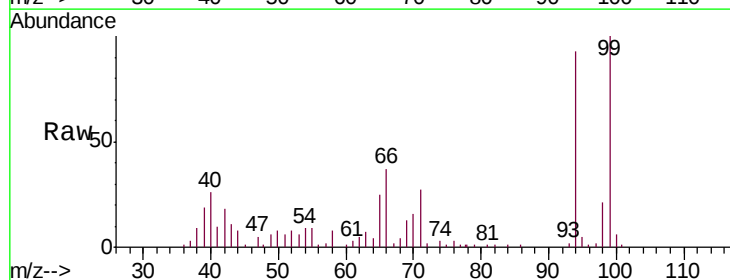
Tgt Ion: 94 Resp: 35686

Ion Ratio Lower Upper

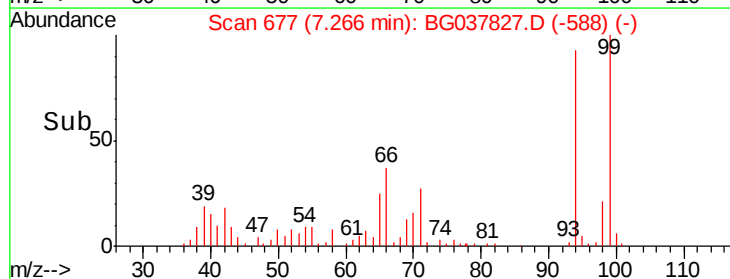
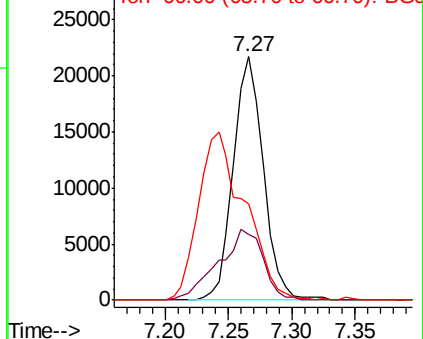
94 100

65 26.9 9.7 49.7

66 39.4 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

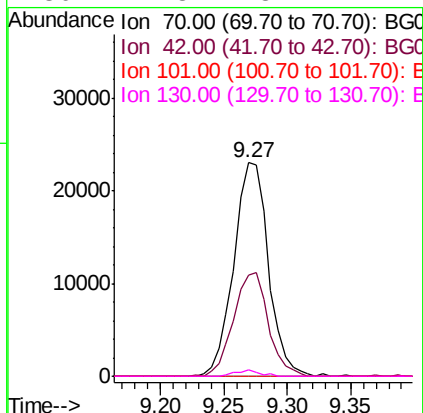
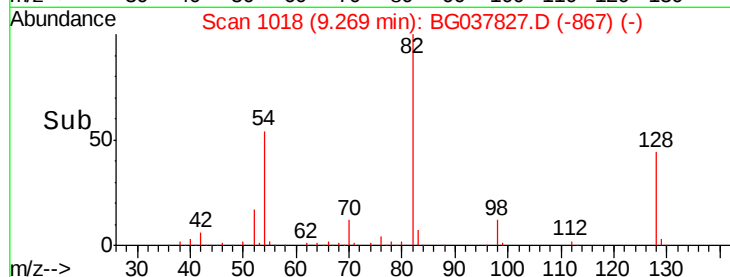
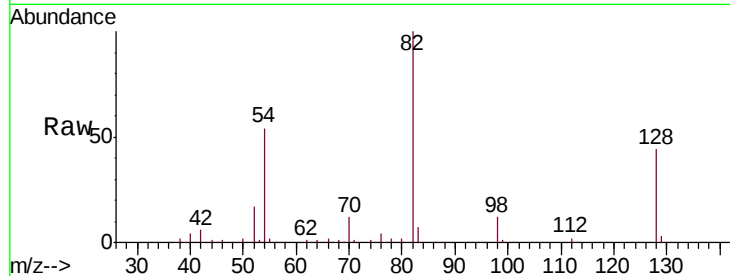




#19
n-Nitroso-di-n-propylamine
Concen: 11.305 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

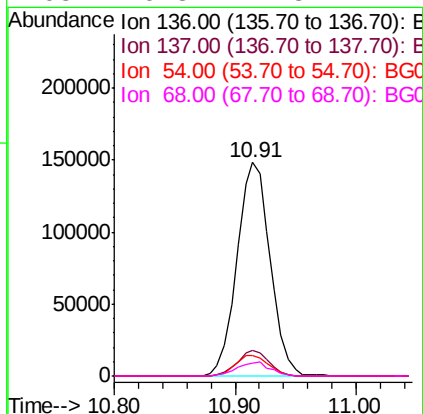
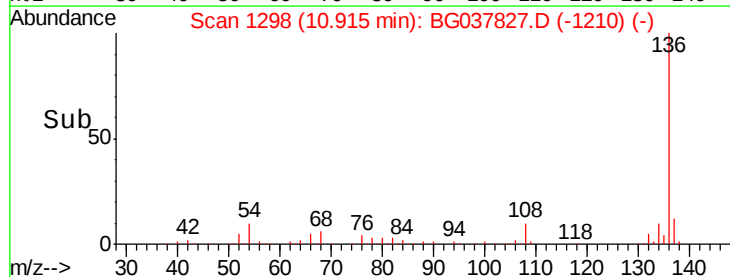
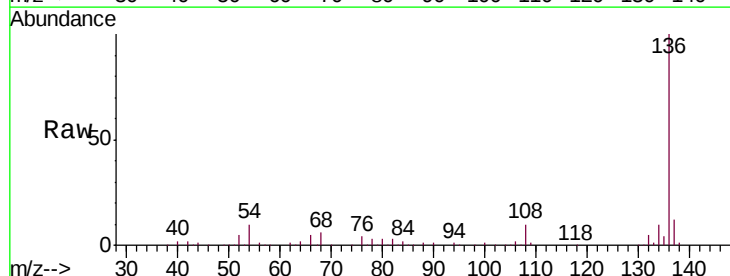
Instrument :
BNA_G
ClientSampleId :
7C

Tgt Ion: 70 Resp: 43482
Ion Ratio Lower Upper
70 100
42 47.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037827.D
Acq: 6 Nov 2018 7:02

Tgt Ion: 136 Resp: 282906
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 9.8 7.9 11.9
68 6.3 4.8 7.2

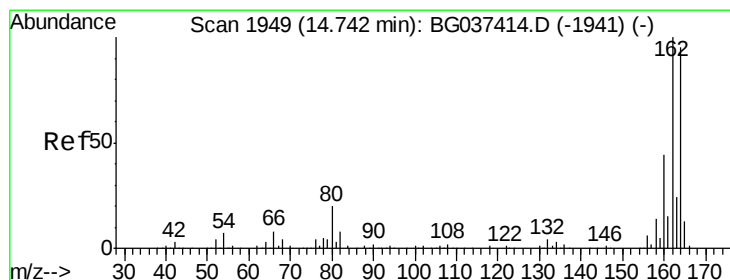
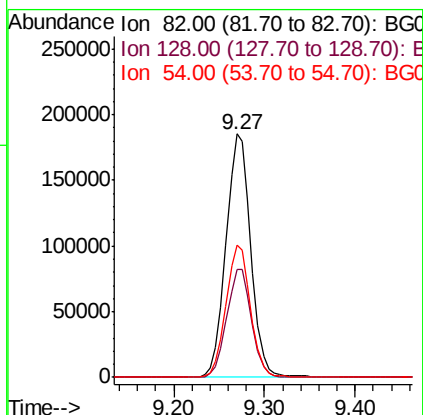
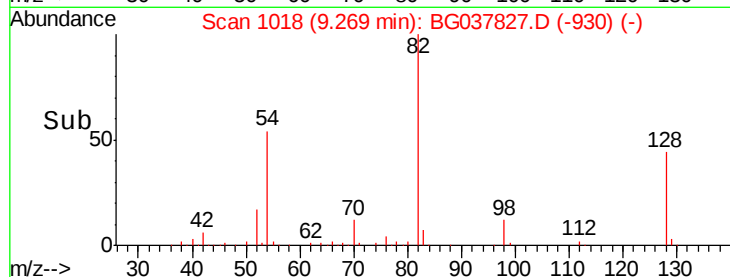
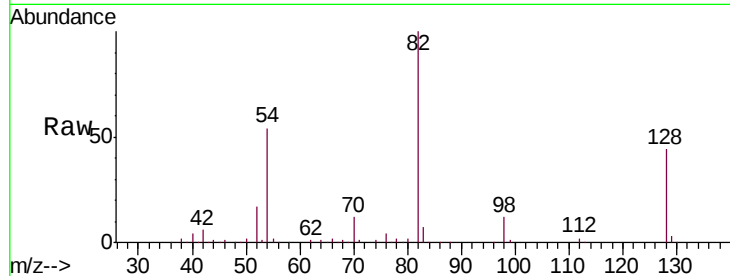




#23
 Nitrobenzene-d5
 Concen: 69.510 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

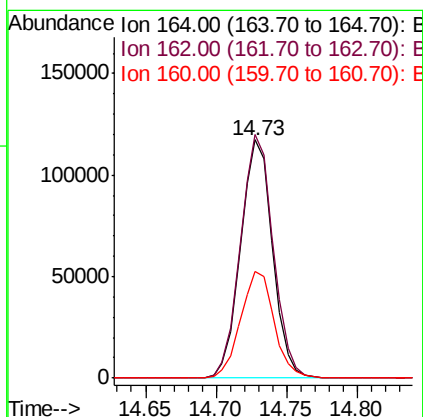
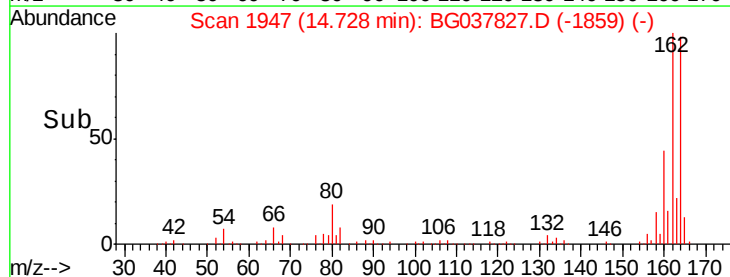
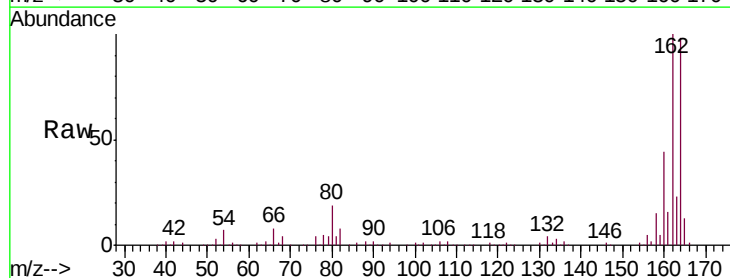
Instrument :
 BNA_G
 ClientSampleId :
 7C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.3	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: BG037827.D
 Acq: 6 Nov 2018 7:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 96.029 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

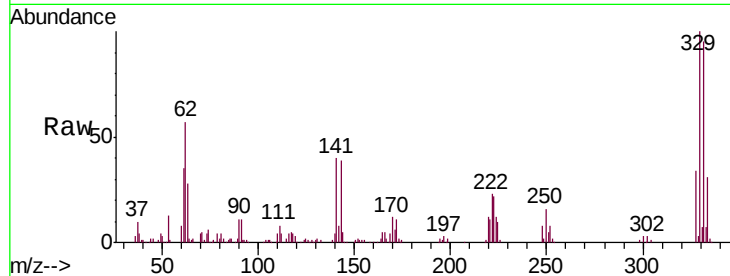
Tgt Ion:330 Resp: 194829

Ion Ratio Lower Upper

330 100

332 94.4 78.4 117.6

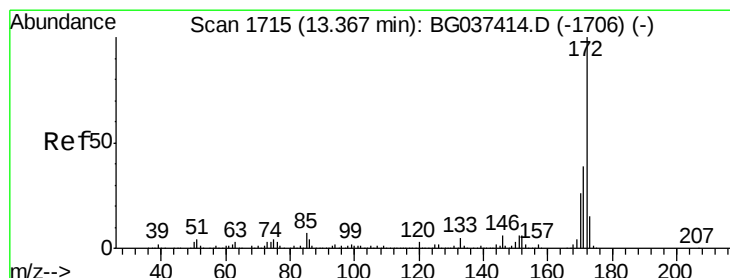
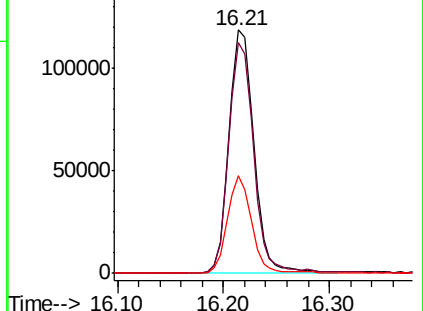
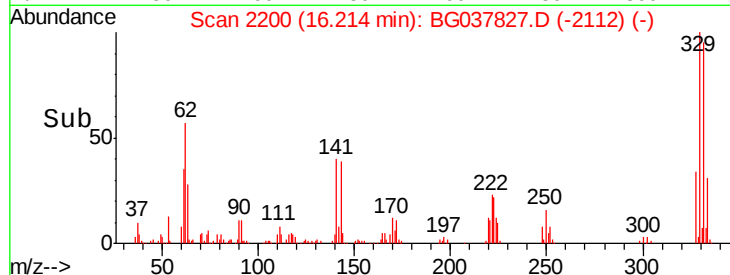
141 38.7 32.2 48.2



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: 69.784 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

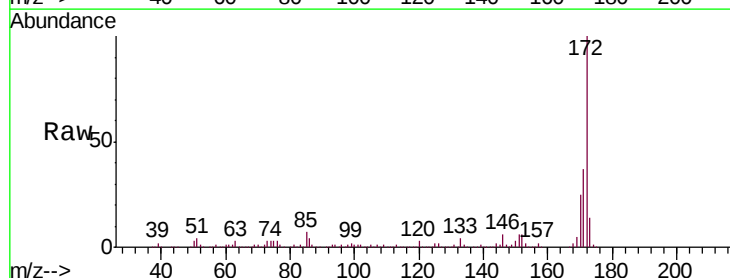
Tgt Ion:172 Resp: 860837

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

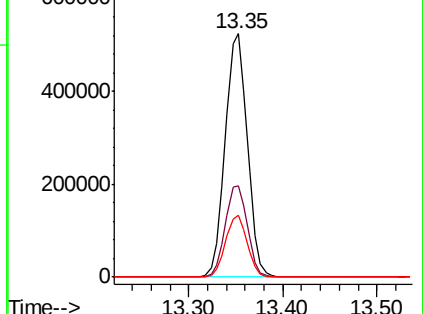
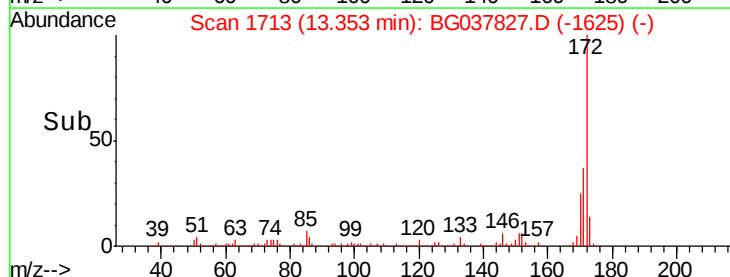
170 25.4 20.2 30.2

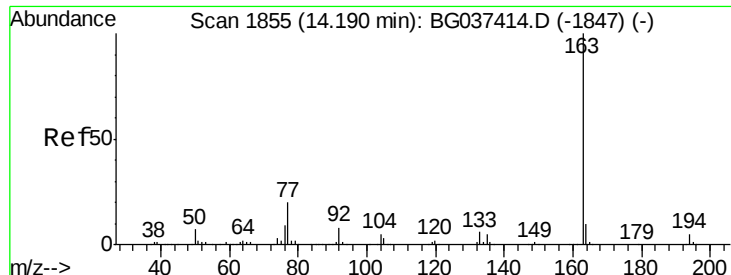


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.596 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

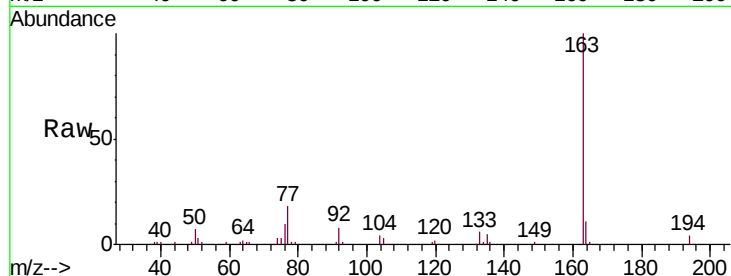
Tgt Ion:163 Resp: 152483

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

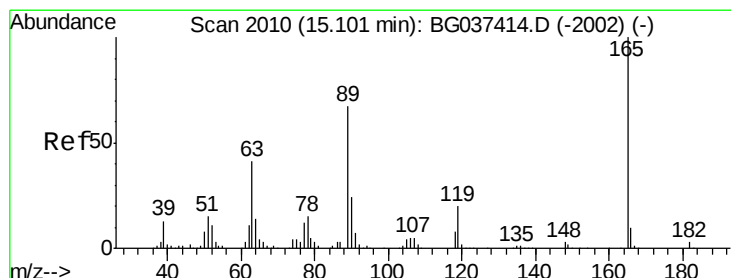
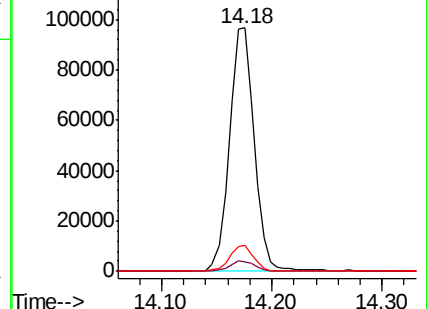
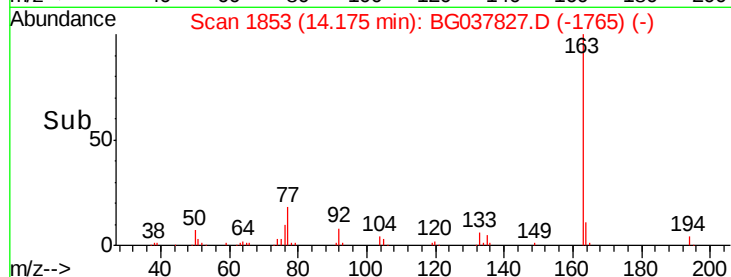
164 10.6 8.5 12.7



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: 5.736 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Tgt Ion:165 Resp: 23970

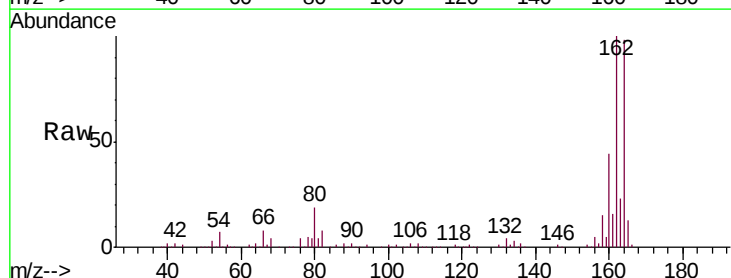
Ion Ratio Lower Upper

165 100

63 1.7 33.4 50.0#

89 1.4 57.2 85.8#

182 0.0 2.6 4.0#

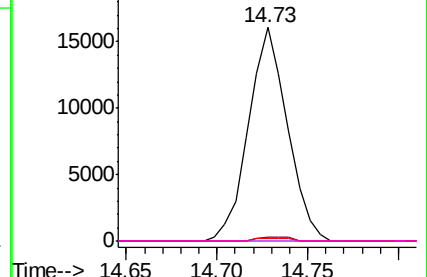
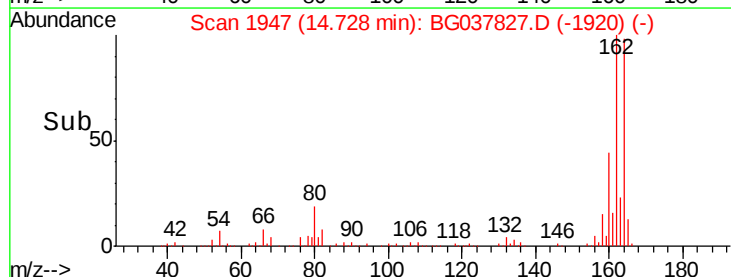


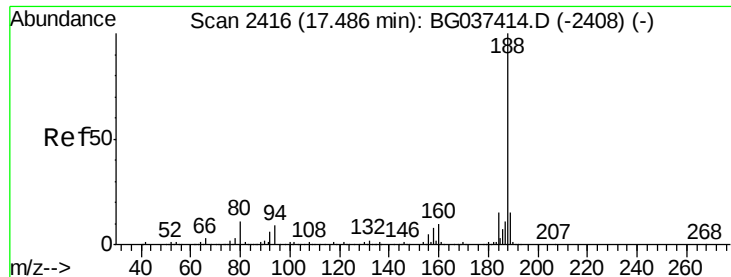
Abundance Ion 165.00 (164.70 to 165.70): E

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

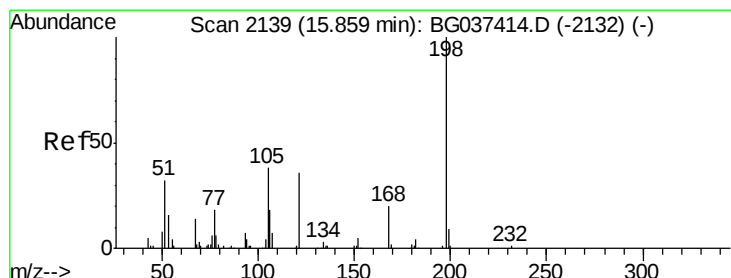
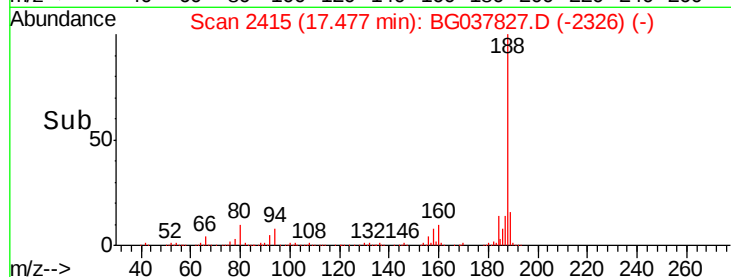
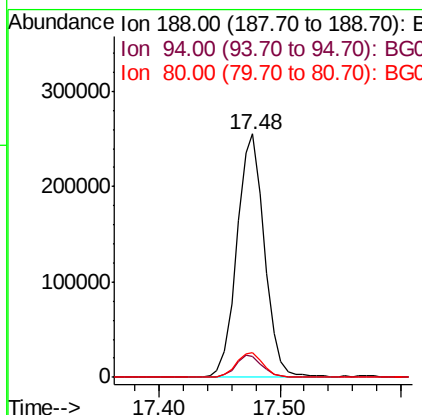
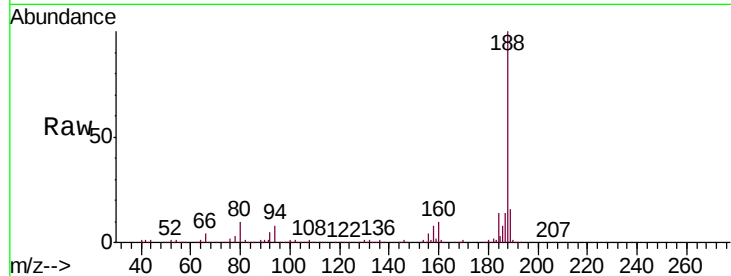




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

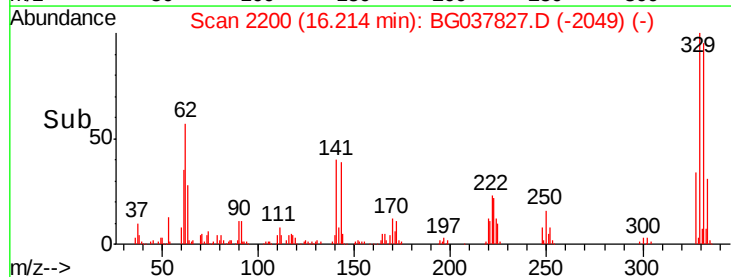
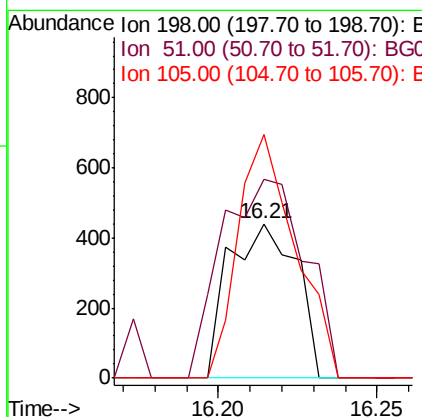
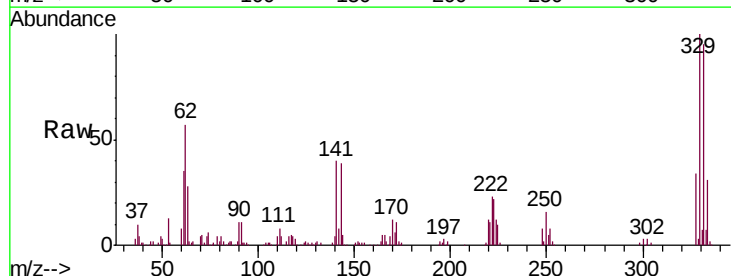
Instrument :
 BNA_G
 ClientSampleId :
 7C

Tgt Ion:188 Resp: 404943
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 9.9 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.758 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Tgt Ion:198 Resp: 648
 Ion Ratio Lower Upper
 198 100
 51 25.5 22.7 62.7
 105 31.2 19.7 59.7

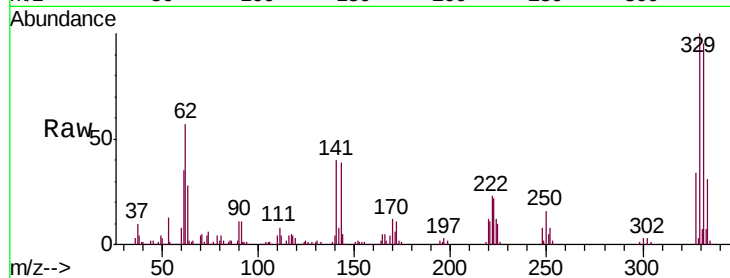




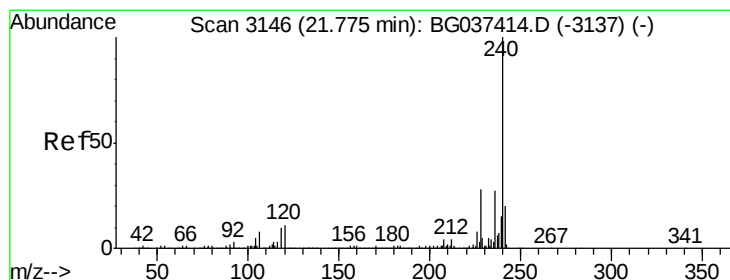
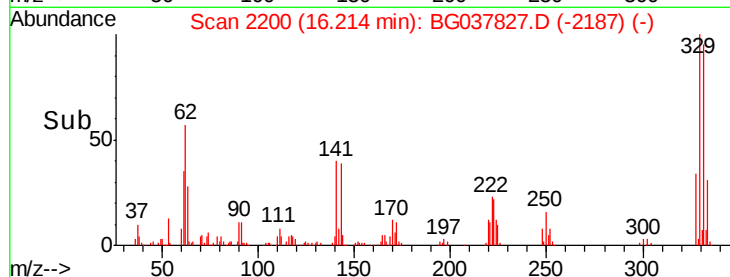
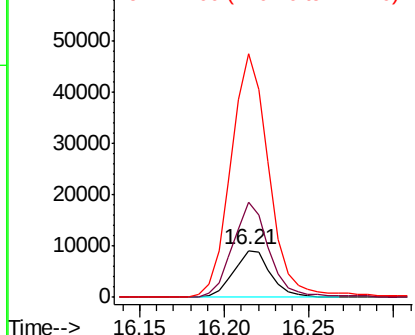
#67
 4-Bromophenyl-phenylether
 Concen: 3.162 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Instrument :
 BNA_G
 ClientSampleId :
 7C

Tgt Ion:248 Resp: 14059
 Ion Ratio Lower Upper
 248 100
 250 202.7 77.0 115.6#
 141 402.2 55.5 83.3#

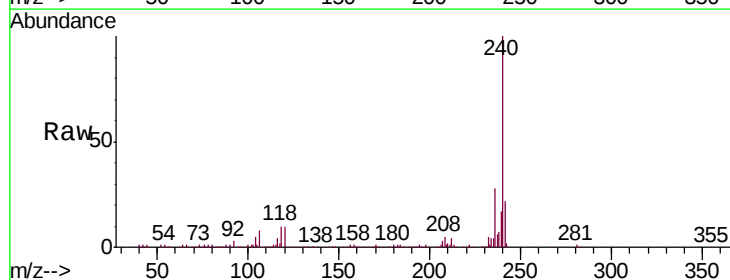


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

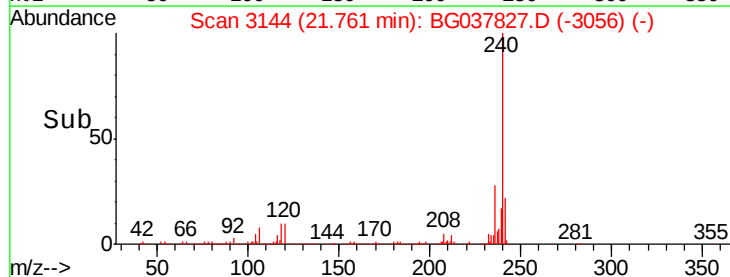
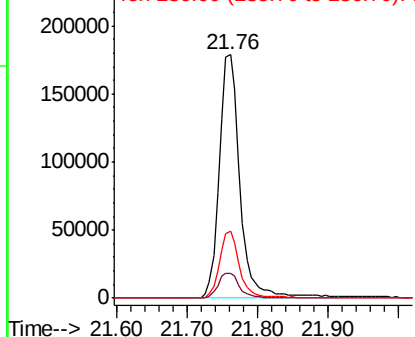


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037827.D
 Acq: 6 Nov 2018 7:02

Tgt Ion:240 Resp: 364320
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 27.7 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: 68.213 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

Instrument :

BNA_G

ClientSampleId :

7C

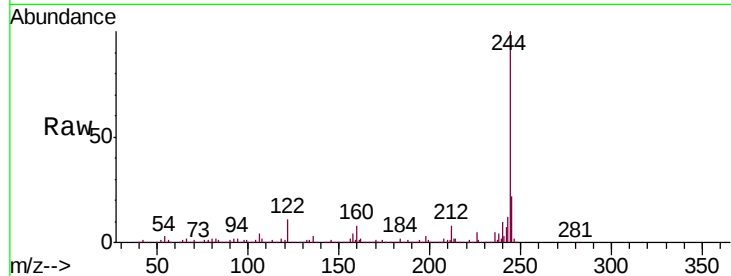
Tgt Ion:244 Resp: 1163036

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

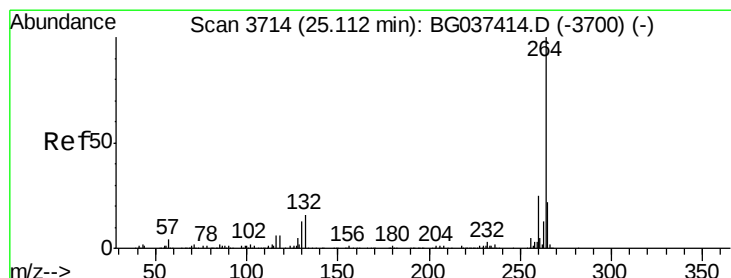
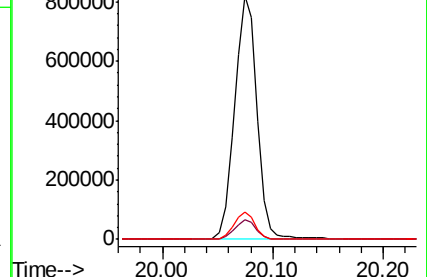
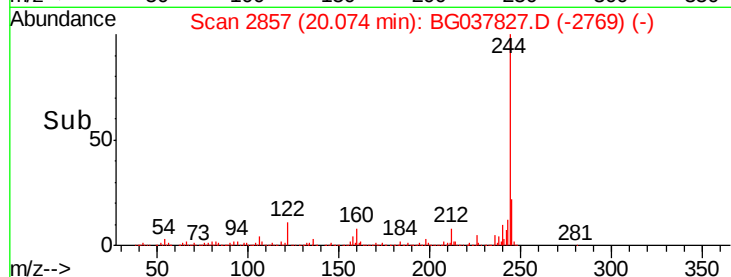
122 11.3 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037827.D

Acq: 6 Nov 2018 7:02

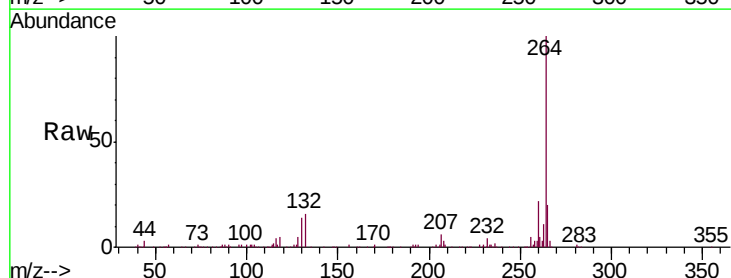
Tgt Ion:264 Resp: 326924

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 19.6 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

