

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037515.D
 Acq On : 24 Oct 2018 17:28
 Operator : JU/SJ
 Sample : J5515-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 07:59:25 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

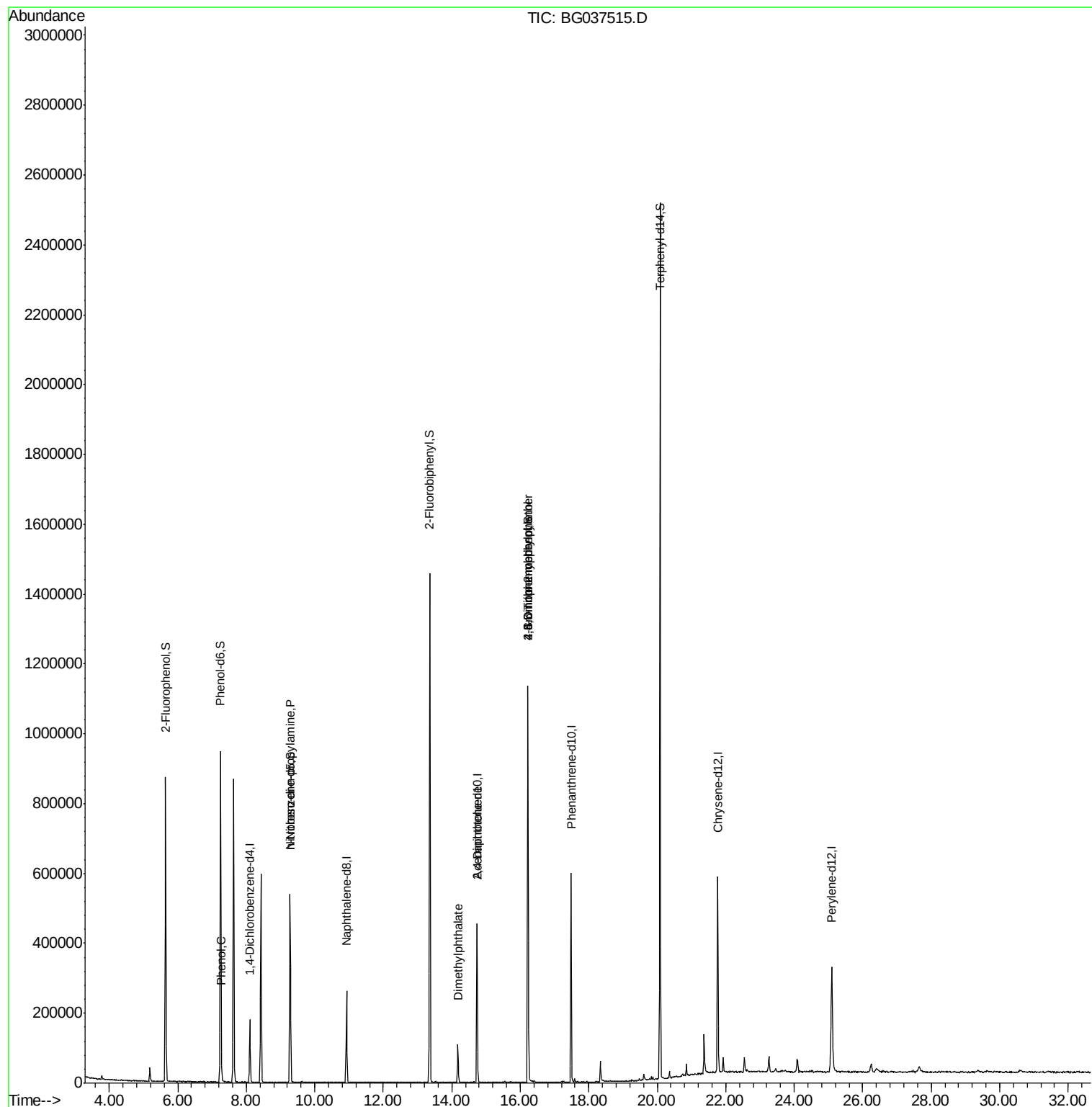
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52697	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	235238	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158787	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	382142	20.00	ng	0.00
76) Chrysene-d12	21.77	240	343444	20.00	ng	0.00
87) Perylene-d12	25.10	264	349536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	396102	125.67	ng	0.00
7) Phenol-d6	7.25	99	582604	122.24	ng	0.00
23) Nitrobenzene-d5	9.28	82	334352	79.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	215729	124.56	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	792337	75.25	ng	0.00
79) Terphenyl-d14	20.08	244	1163506	72.39	ng	0.00
Target Compounds						
10) Phenol	7.28	94	30018	5.969	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	41607	12.677	ng	# 71
50) Dimethylphthalate	14.18	163	77185	6.283	ng	98
57) 2,4-Dinitrotoluene	14.73	165	20728	5.811	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	709	8.798	ng	92
67) 4-Bromophenyl-phenylether	16.23	248	16182	3.856	ng	# 1

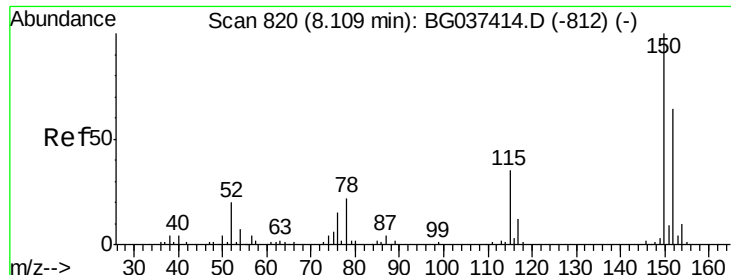
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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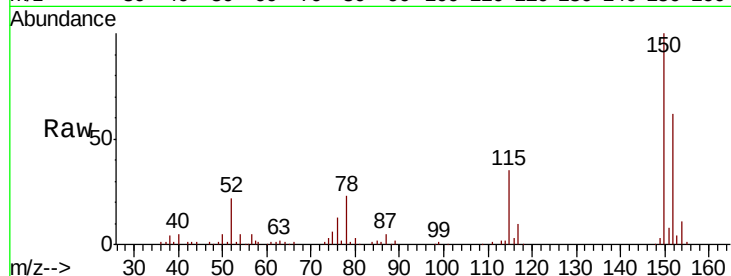


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.0	189.0
115	57.1	45.5	68.3

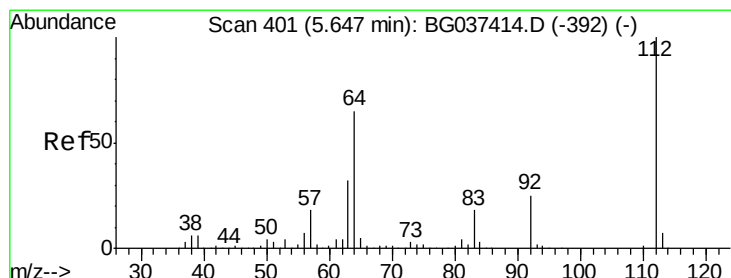
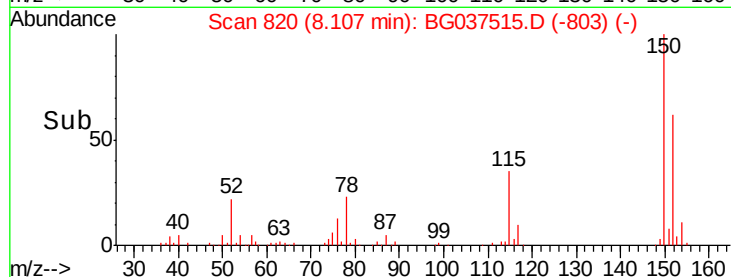
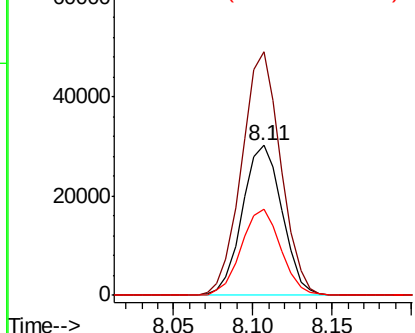


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

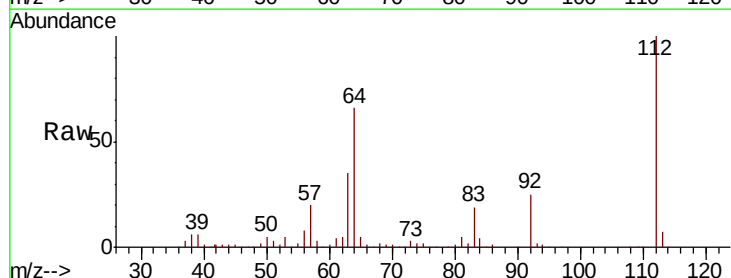
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.666 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.1	79.7
63	34.6	27.3	40.9

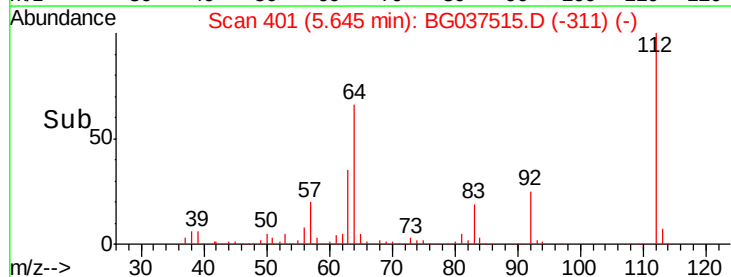
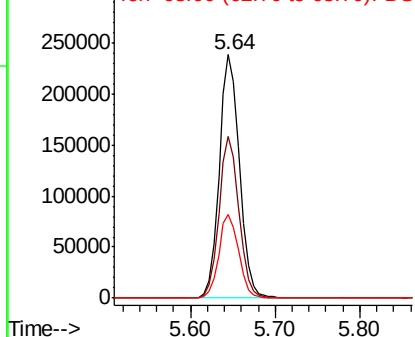


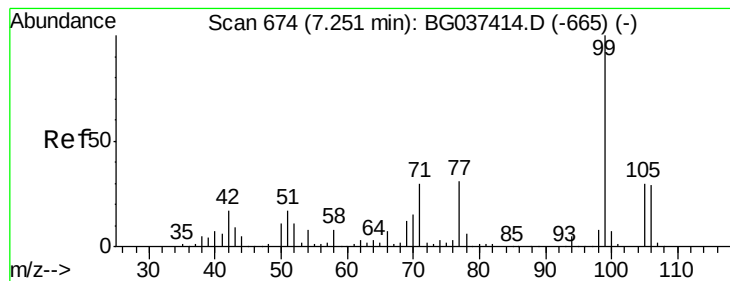
Abundance

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: 122.236 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

Instrument :

BNA_G

ClientSampleId :

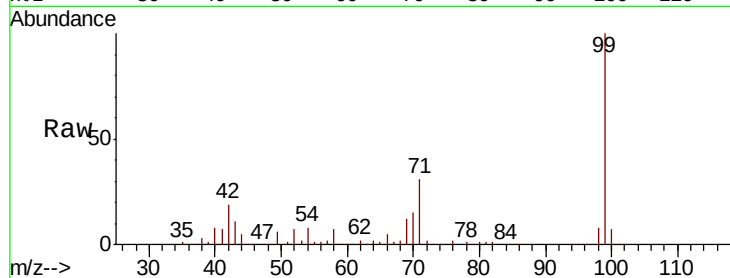
Tot Ion: 99 Resp: 582604

Ion Ratio Lower Upper

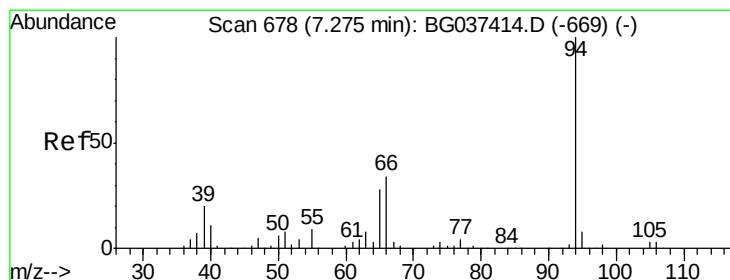
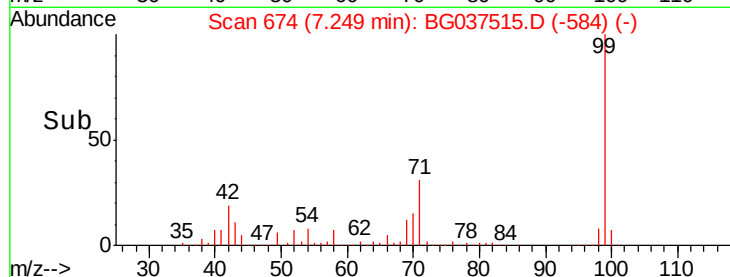
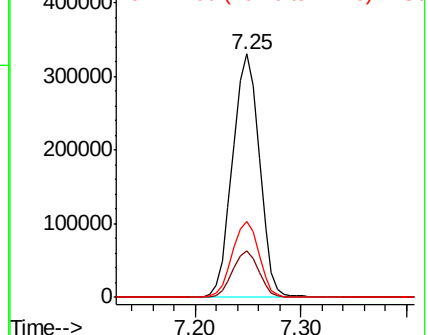
99 100

42 18.9 15.0 22.4

71 31.4 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: 5.969 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

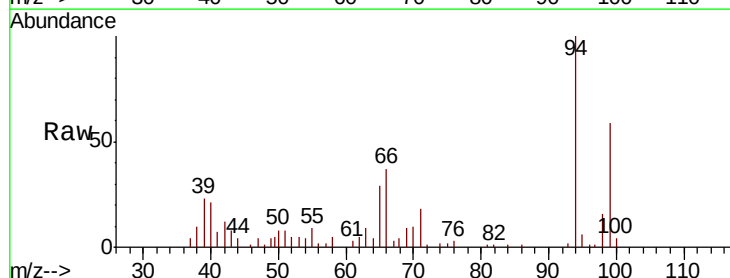
Tgt Ion: 94 Resp: 30018

Ion Ratio Lower Upper

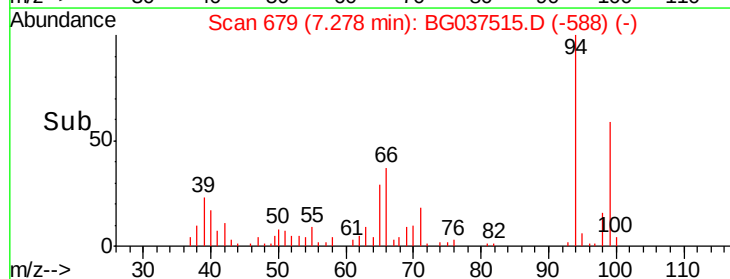
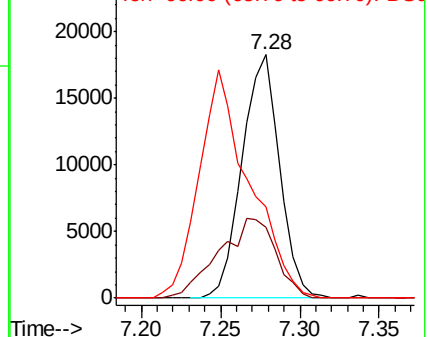
94 100

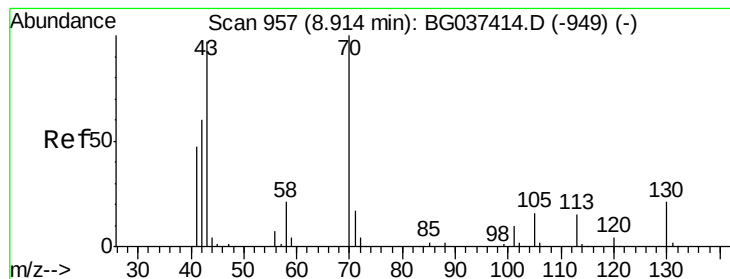
65 29.3 9.7 49.7

66 37.5 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: 12.677 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 41607

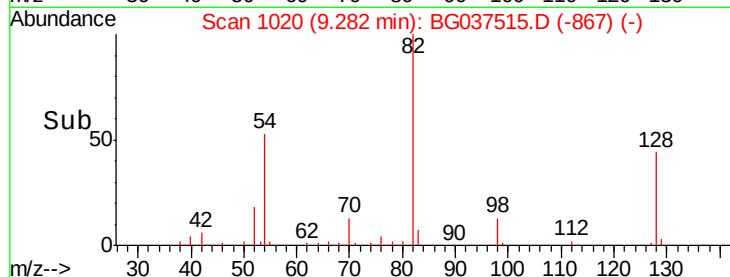
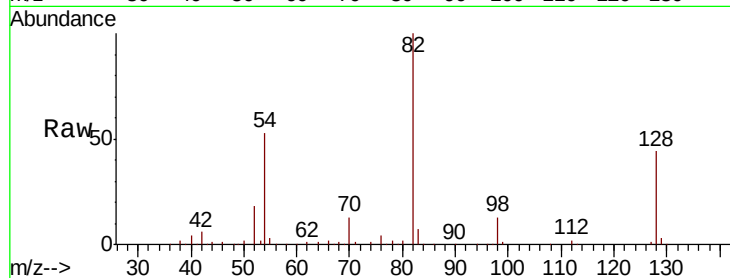
Ion Ratio Lower Upper

70 100

42 47.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.0 18.2 27.4#

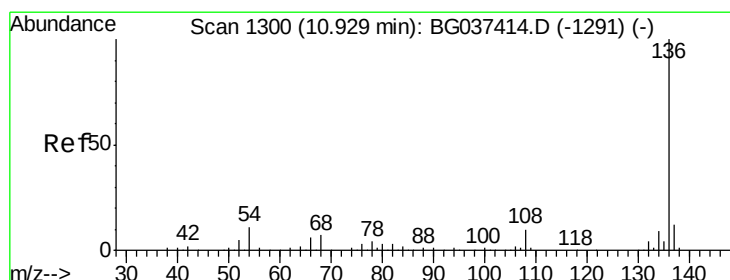
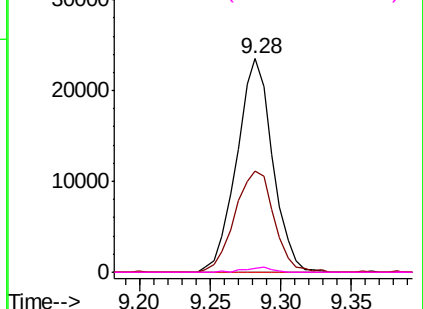


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

Tgt Ion: 136 Resp: 235238

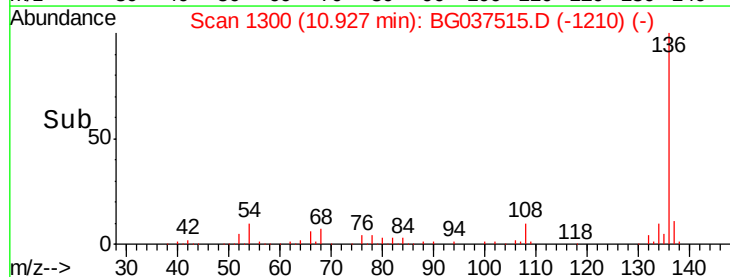
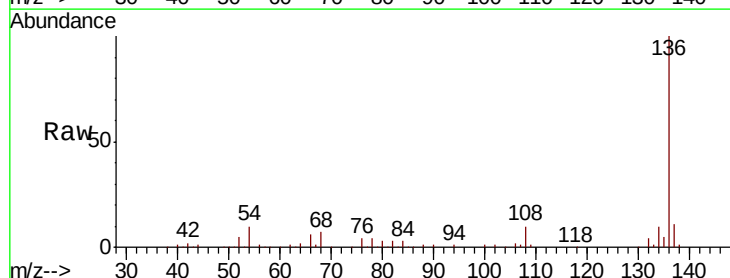
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.5 7.9 11.9

68 6.7 4.8 7.2

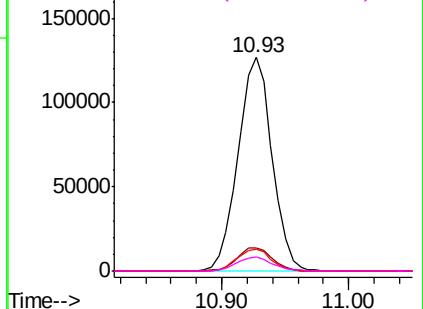


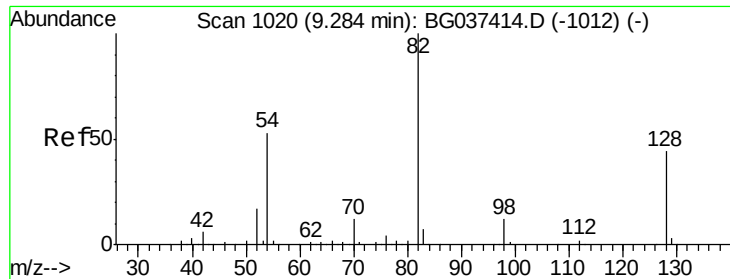
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

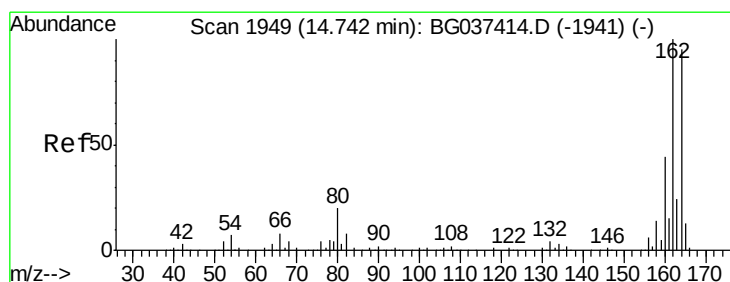
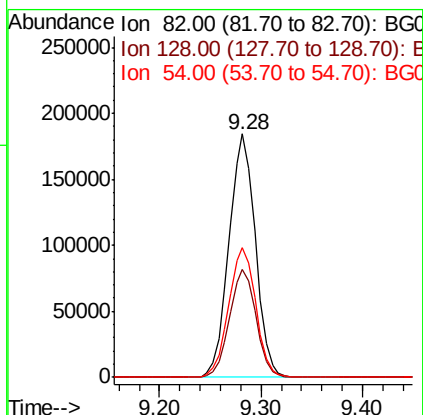
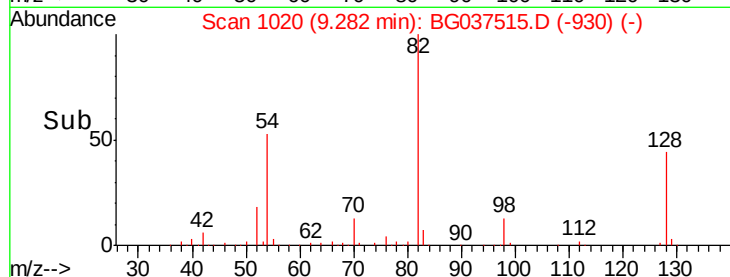
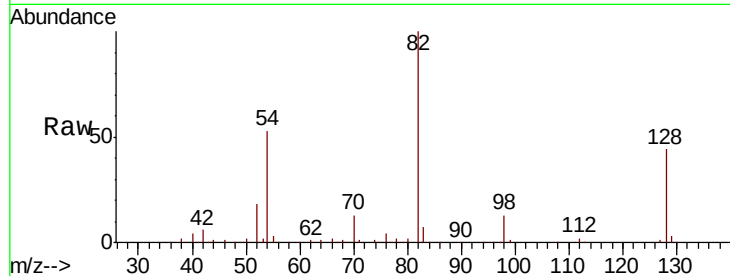




#23
 Nitrobenzene-d5
 Concen: 79.622 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

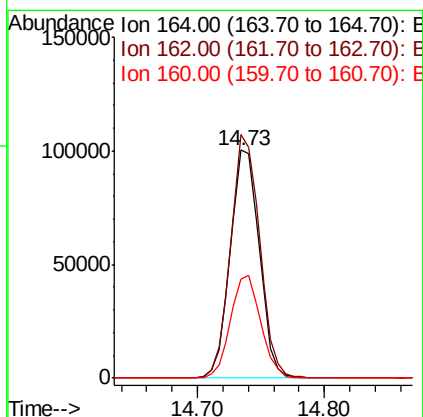
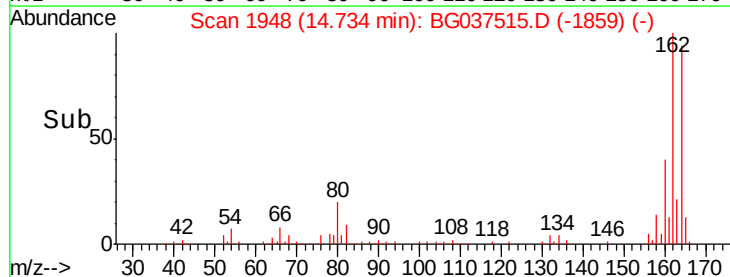
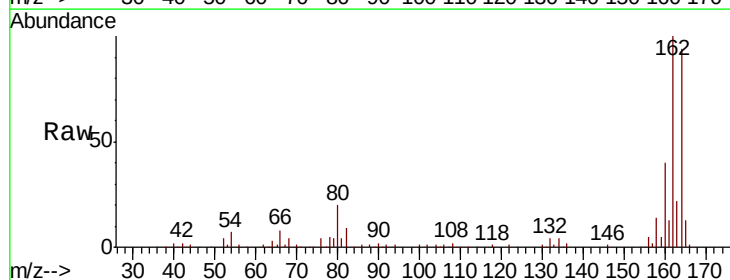
Instrument :
 BNA_G
 ClientSampled :

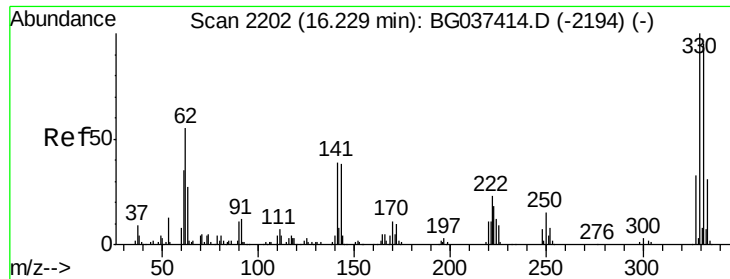
Tot Ion	82	Resp	334352
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.6	51.8
54	53.4	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

Tgt Ion	164	Resp	158787
Ion Ratio	Lower	Upper	
164	100		
162	106.9	81.3	121.9
160	43.2	36.3	54.5

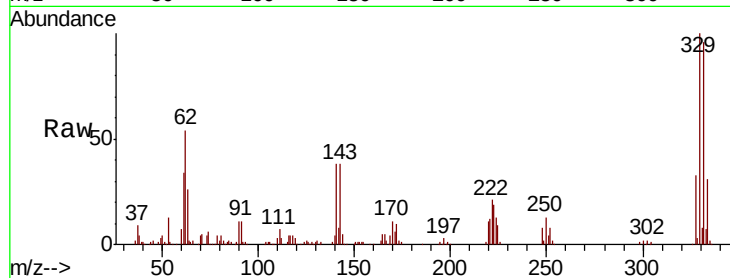




#42
 2,4,6-Tribromophenol
 Concen: 124.564 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.6	32.2	48.2

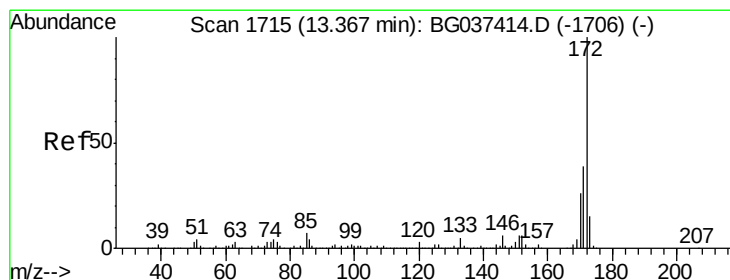
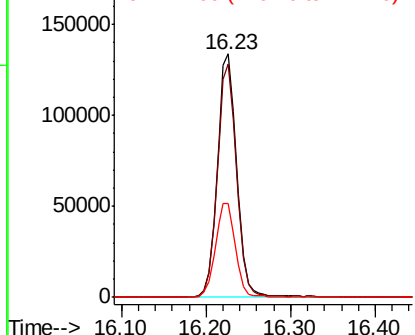
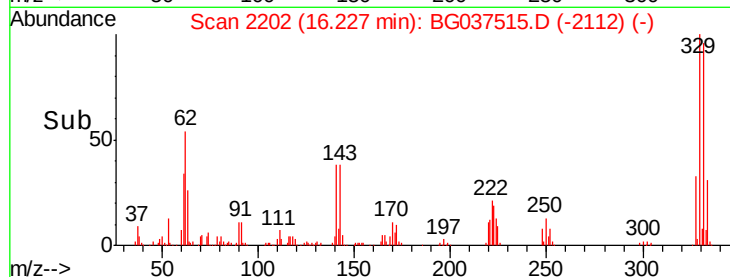


Abundance

Ion 329.80 (329.50 to 330.50): E

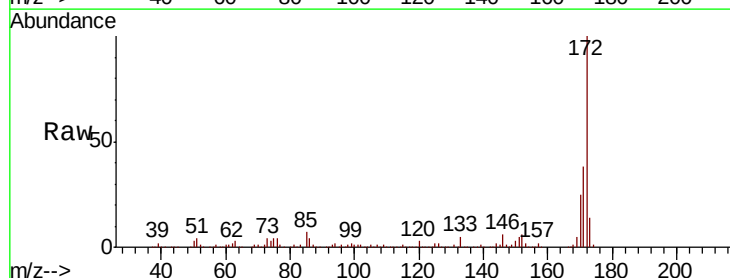
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.245 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.2	30.2

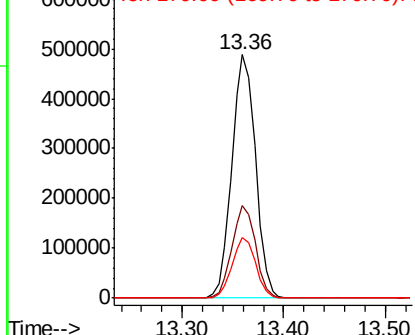
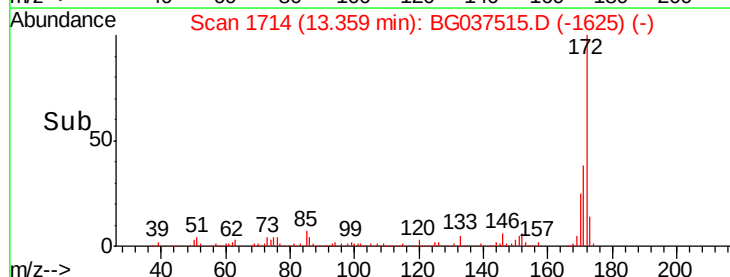


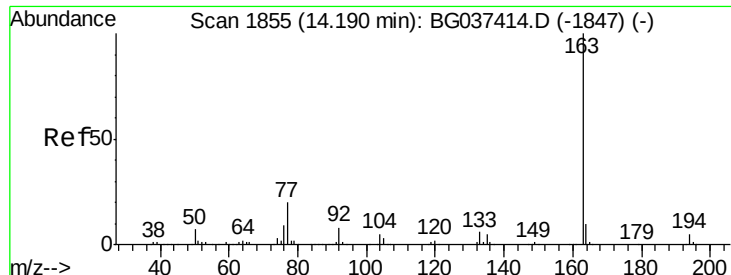
Abundance

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: 6.283 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

Instrument :

BNA_G

ClientSampleId :

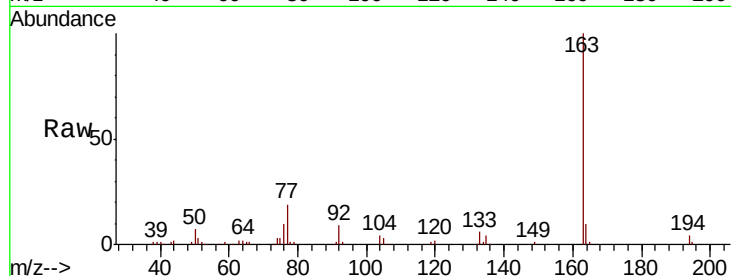
Tot Ion:163 Resp: 77185

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

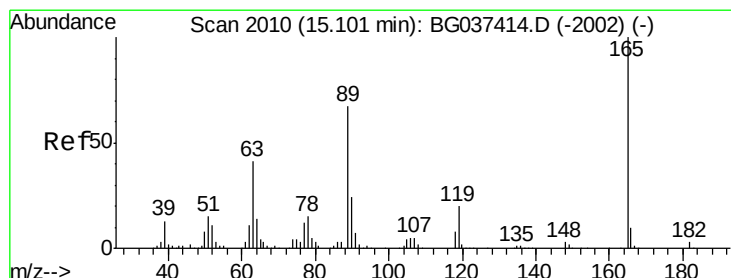
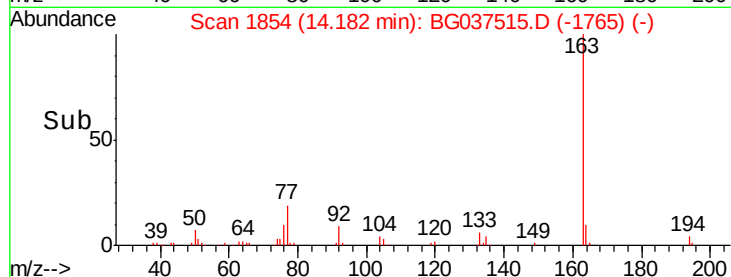
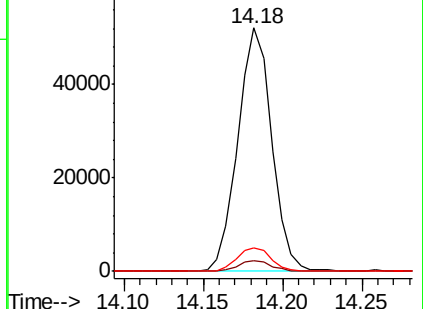
164 9.7 8.5 12.7



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: 5.811 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037515.D

Acq: 24 Oct 2018 17:28

Tgt Ion:165 Resp: 20728

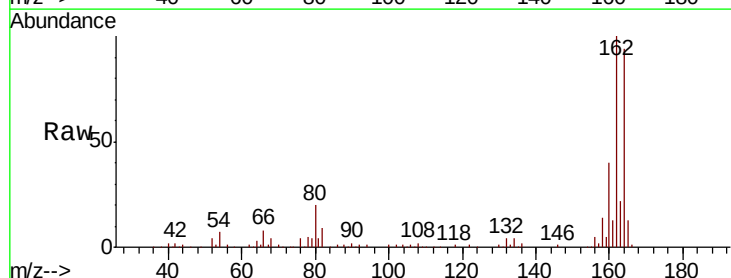
Ion Ratio Lower Upper

165 100

63 1.4 33.4 50.0#

89 2.0 57.2 85.8#

182 0.0 2.6 4.0#

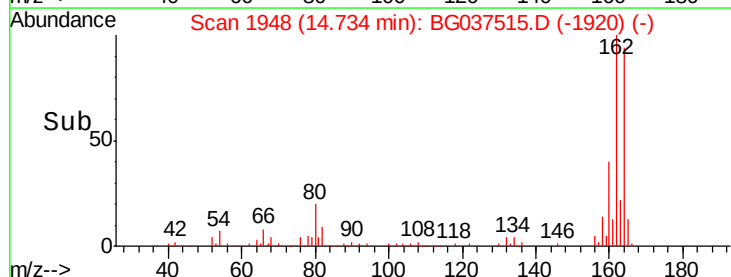
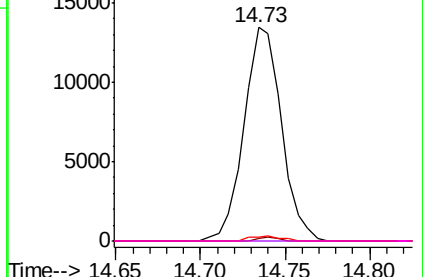


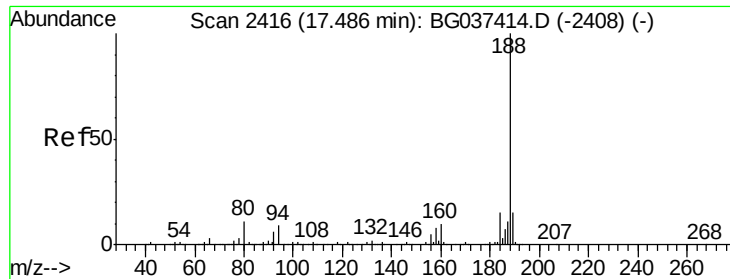
Abundance Ion 165.00 (164.70 to 165.70): E

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

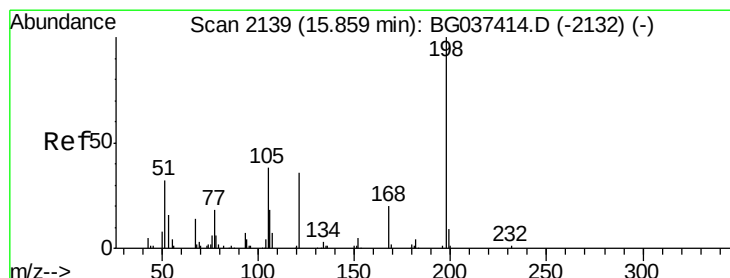
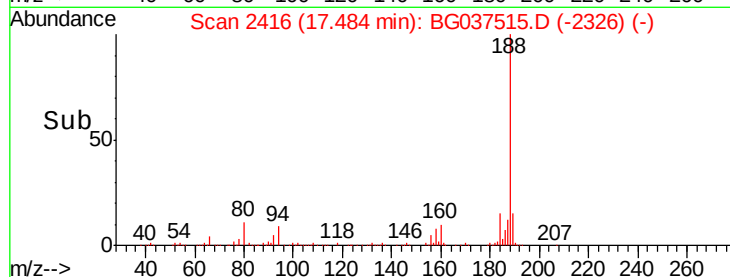
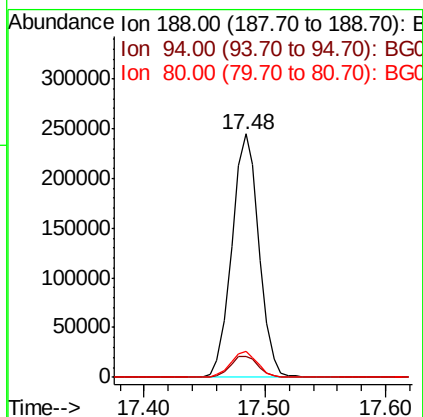
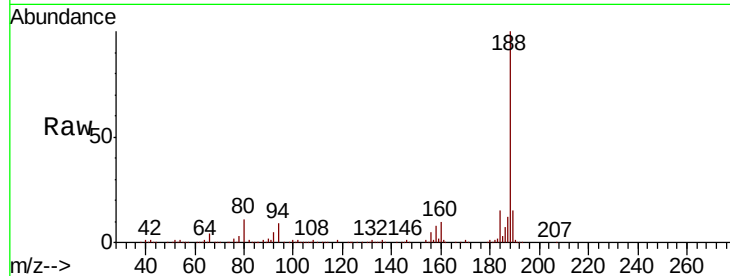




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

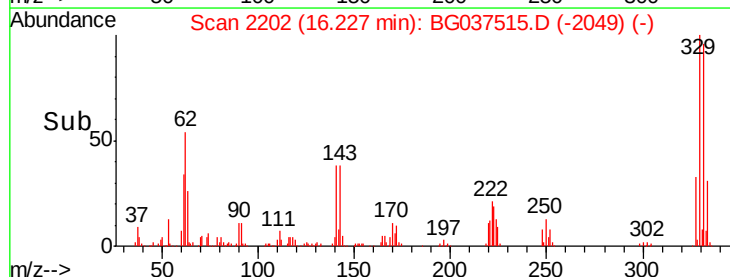
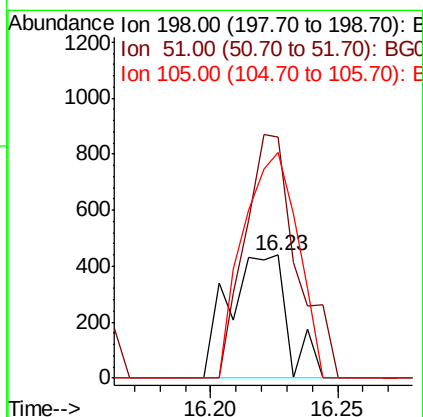
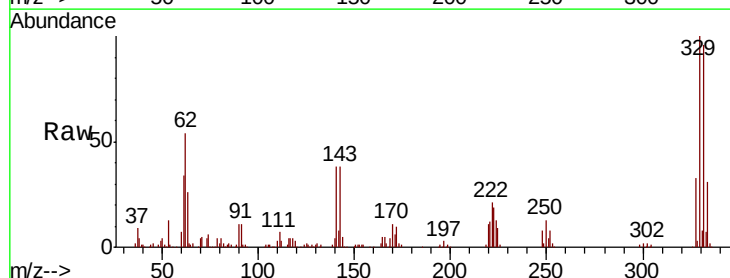
Instrument :
BNA_G
ClientSampleId :

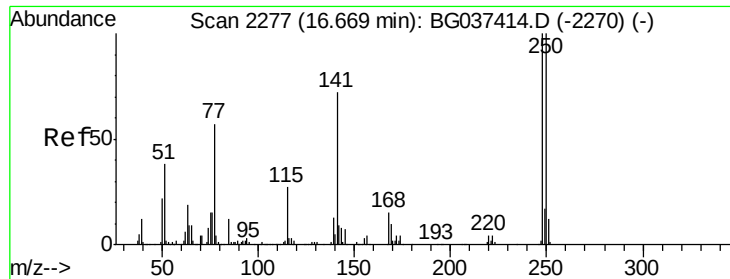
Tot Ion:188 Resp: 382142
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.5 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.798 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

Tgt Ion:198 Resp: 709
Ion Ratio Lower Upper
198 100
51 37.2 22.7 62.7
105 34.8 19.7 59.7

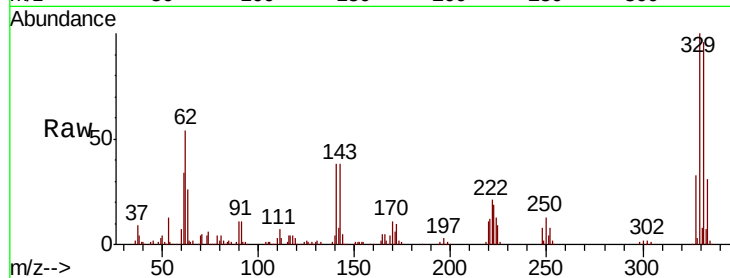




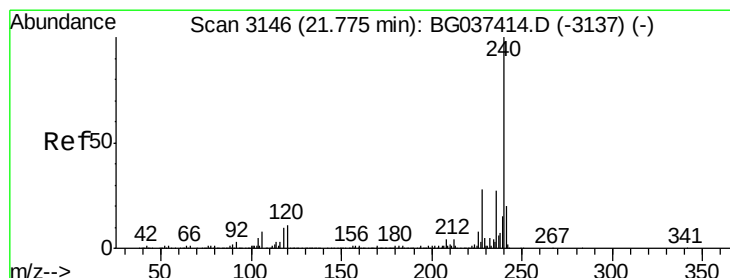
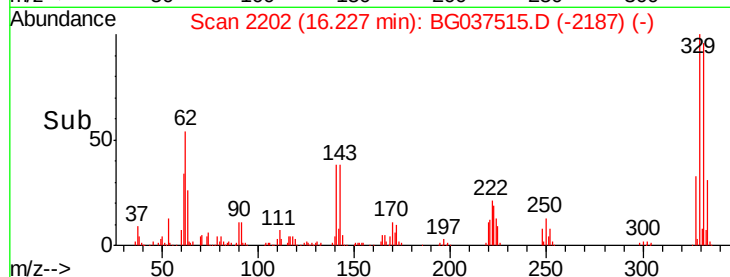
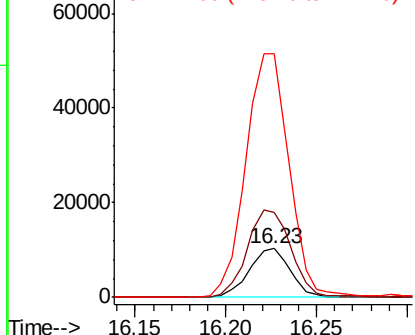
#67
4-Bromophenyl-phenylether
Concen: 3.856 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16182
Ion Ratio Lower Upper
248 100
250 175.2 77.0 115.6#
141 379.3 55.5 83.3#

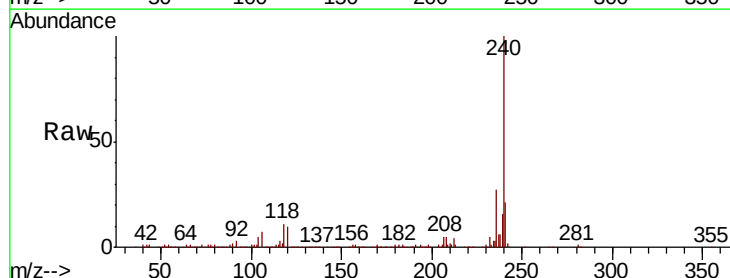


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

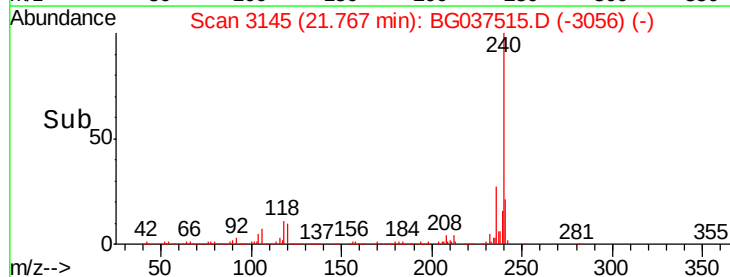
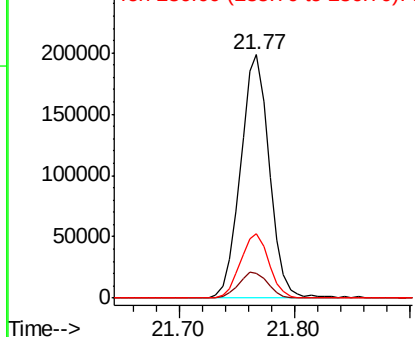


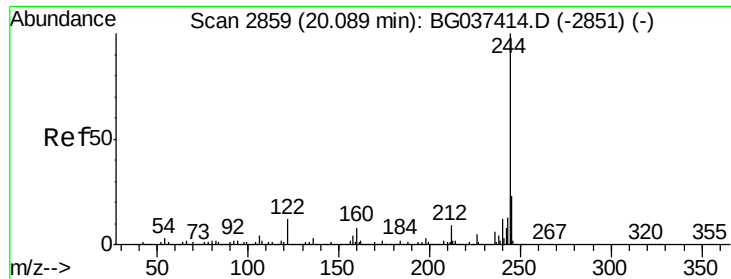
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037515.D
Acq: 24 Oct 2018 17:28

Tgt Ion:240 Resp: 343444
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.7 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



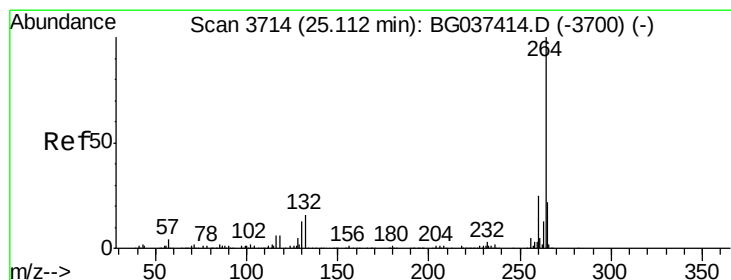
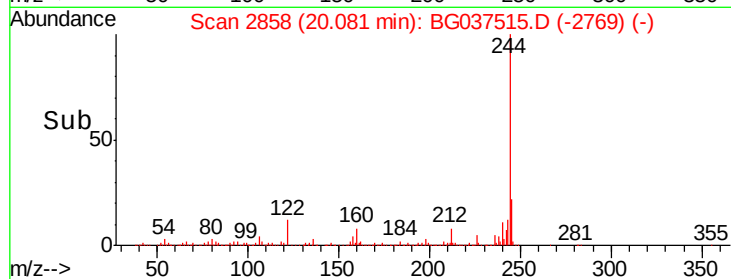
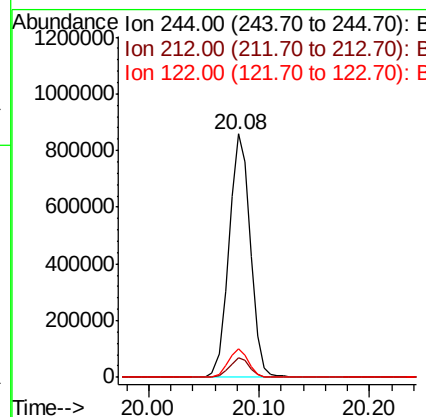
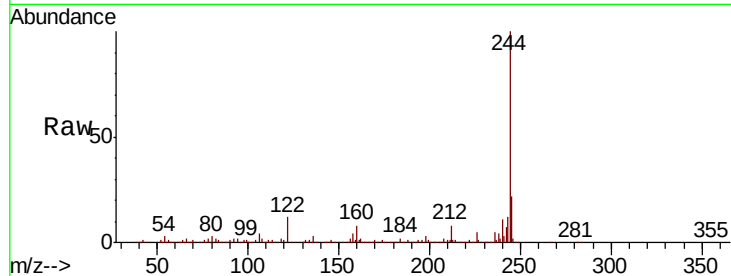


#79
 Terphenyl-d14
 Concen: 72.389 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1163506

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG037515.D
 Acq: 24 Oct 2018 17:28

Tgt Ion:264 Resp: 349536

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.4
265	22.7	17.9	26.9

