

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037496.D
 Acq On : 24 Oct 2018 5:04
 Operator : JU/SJ
 Sample : J5603-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 09:09:46 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

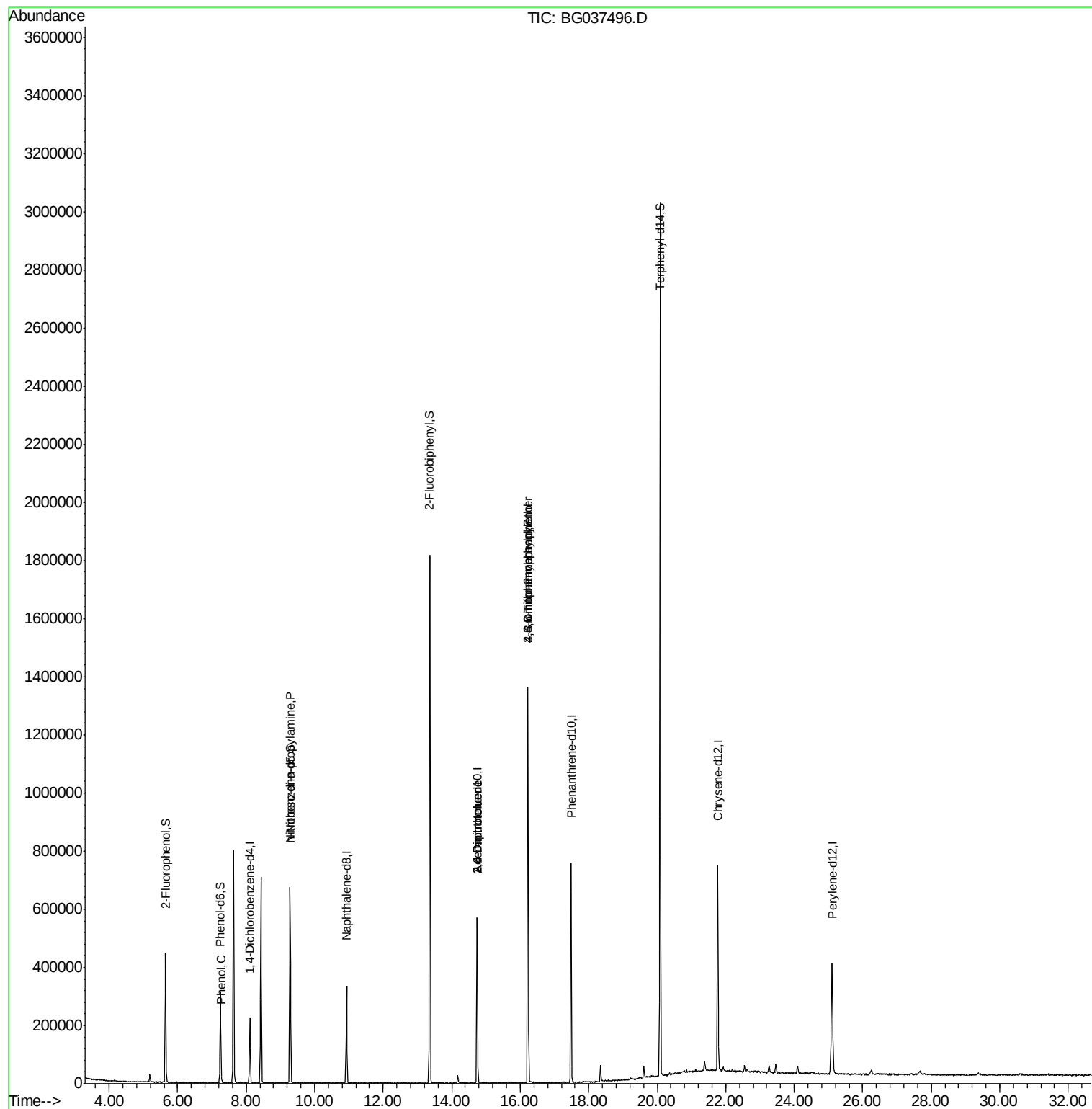
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64802	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	300367	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197893	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	472494	20.00	ng	0.00
76) Chrysene-d12	21.77	240	411560	20.00	ng	0.00
87) Perylene-d12	25.11	264	420115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	210128	54.21	ng	0.00
7) Phenol-d6	7.24	99	197115	33.63	ng	0.00
23) Nitrobenzene-d5	9.28	82	418691	78.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	251481	116.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	986529	75.17	ng	0.00
79) Terphenyl-d14	20.08	244	1466317	76.13	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12684	2.051	ng	95
19) n-Nitroso-di-n-propylamine	9.28	70	52922	13.112	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	25229	7.449	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25229	5.675	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	664	8.728	ng	83
67) 4-Bromophenyl-phenylether	16.23	248	19528	3.764	ng	# 1

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

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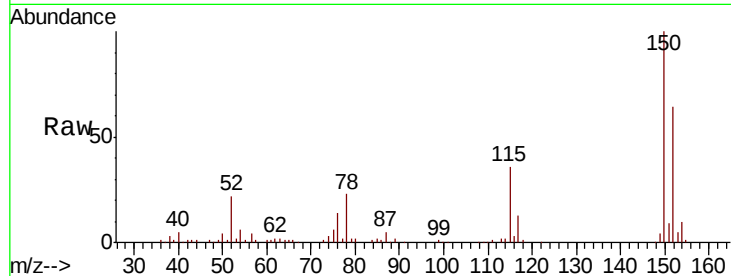


#1

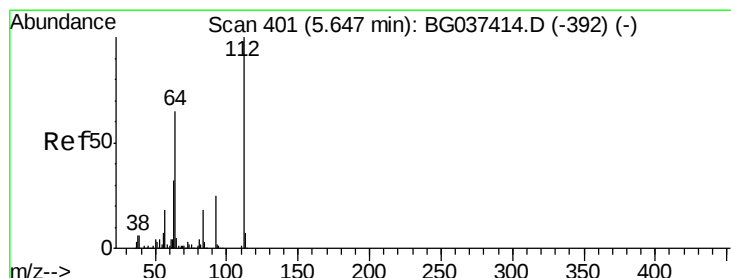
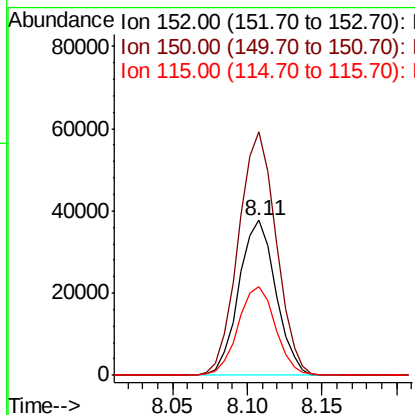
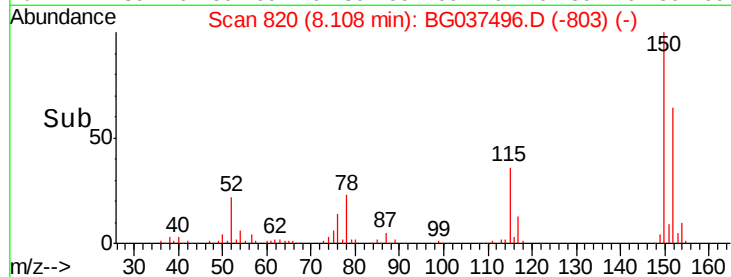
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64802
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 57.3 45.5 68.3



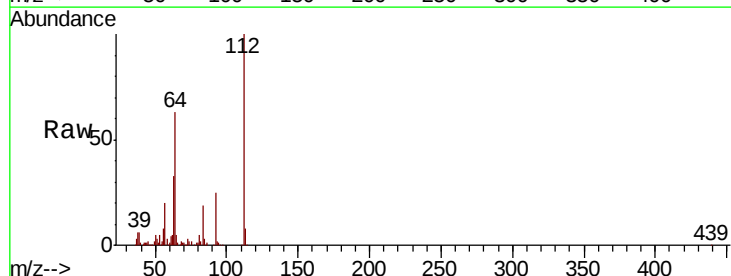
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



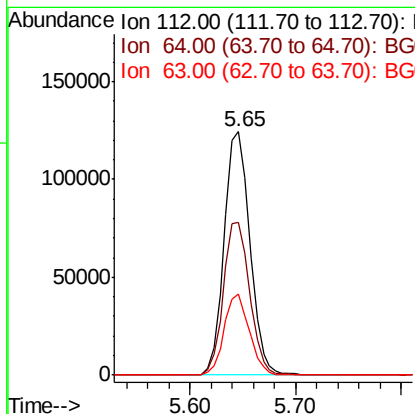
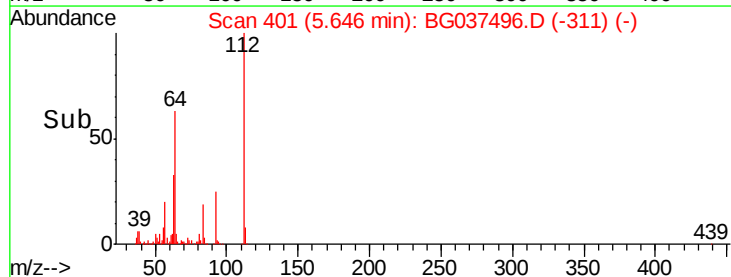
#5

2-Fluorophenol
Concen: 54.212 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Tgt Ion:112 Resp: 210128
Ion Ratio Lower Upper
112 100
64 62.8 53.1 79.7
63 33.4 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: 33.631 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

Instrument :

BNA_G

ClientSampleId :

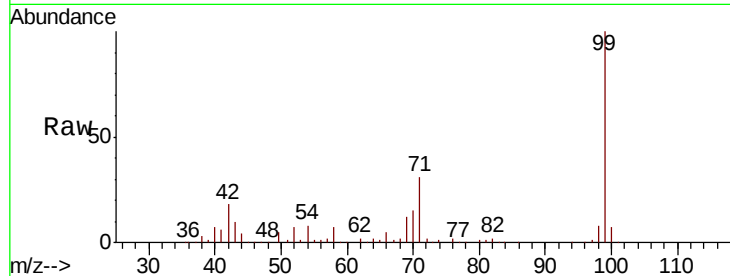
Tot Ion: 99 Resp: 197115

Ion Ratio Lower Upper

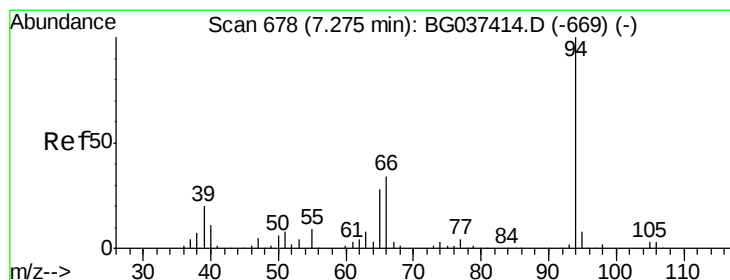
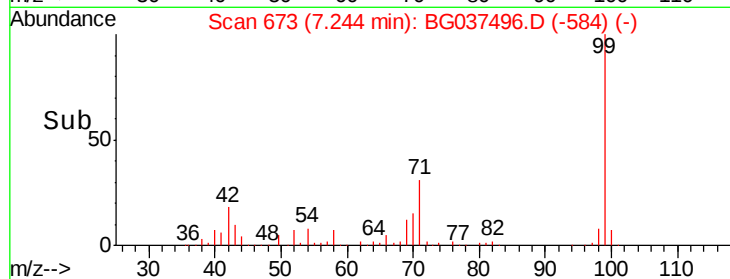
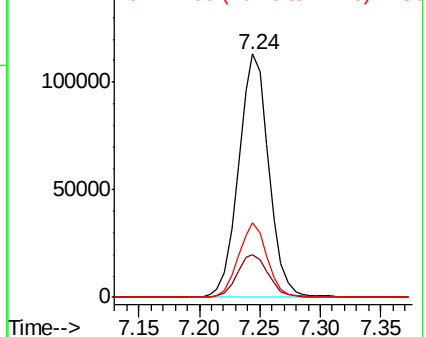
99 100

42 17.7 15.0 22.4

71 30.6 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: 2.051 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

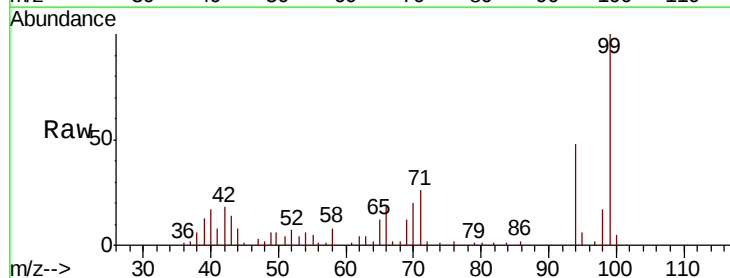
Tgt Ion: 94 Resp: 12684

Ion Ratio Lower Upper

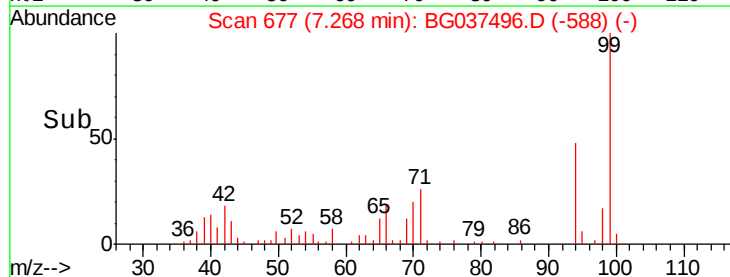
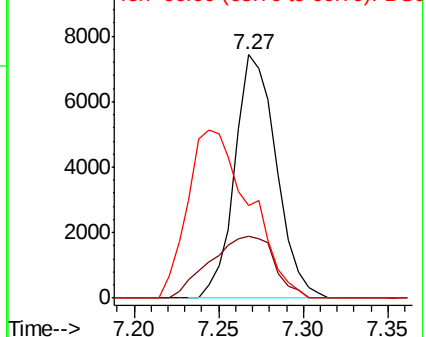
94 100

65 25.6 9.7 49.7

66 38.0 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

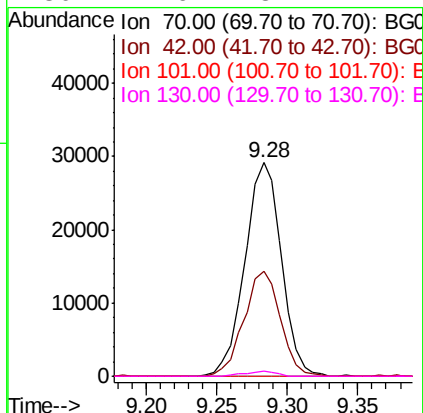
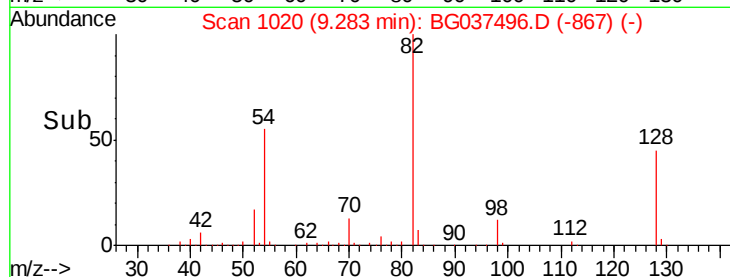
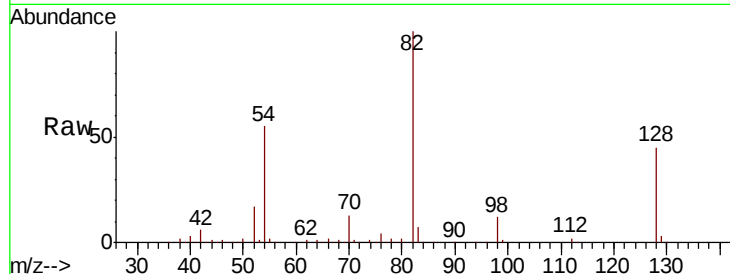




#19
n-Nitroso-di-n-propylamine
Concen: 13.112 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

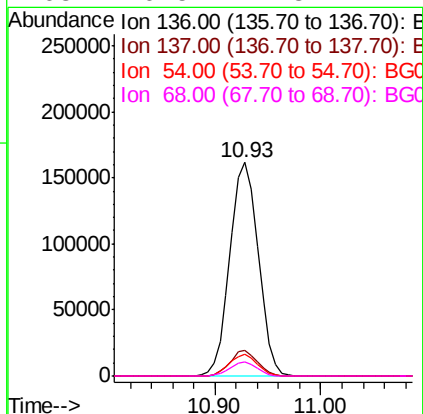
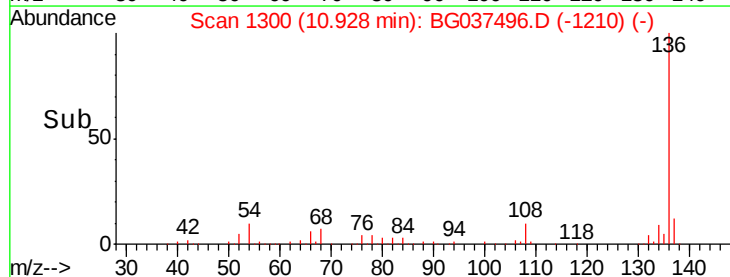
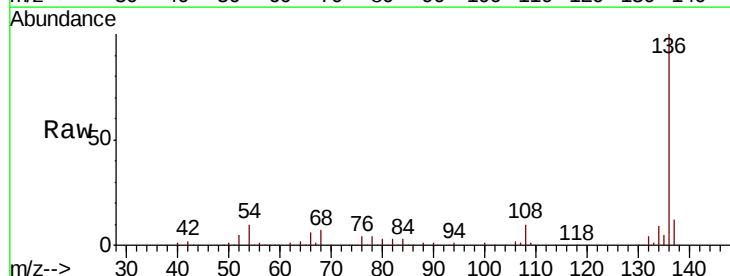
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 52922
Ion Ratio Lower Upper
70 100
42 49.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Tgt Ion: 136 Resp: 300367
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.1 7.9 11.9
68 6.5 4.8 7.2

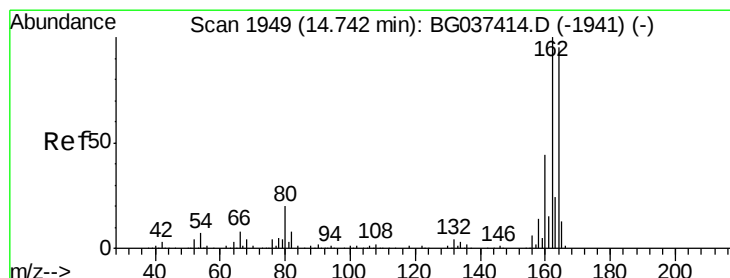
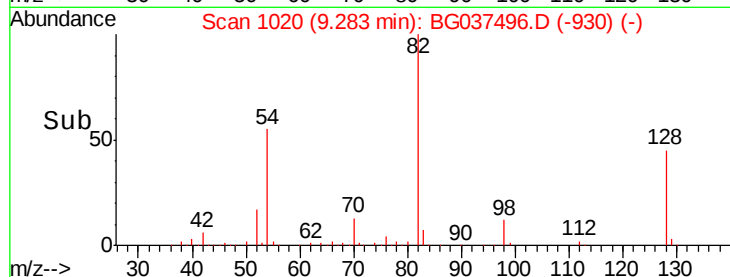
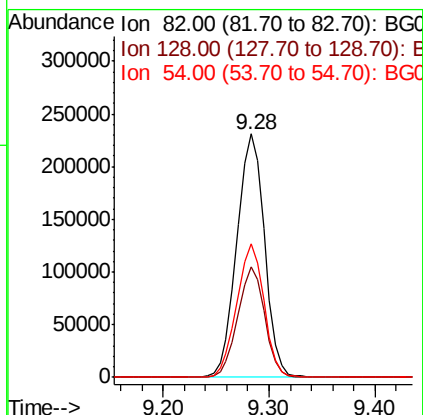
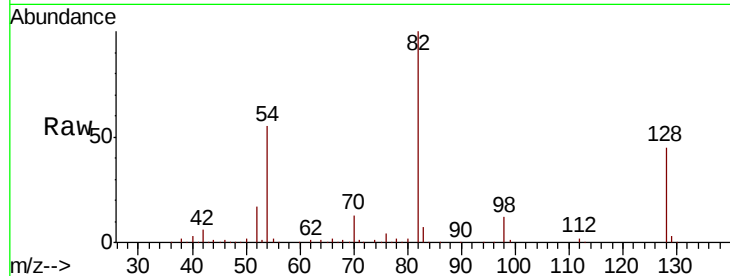




#23
 Nitrobenzene-d5
 Concen: 78.087 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

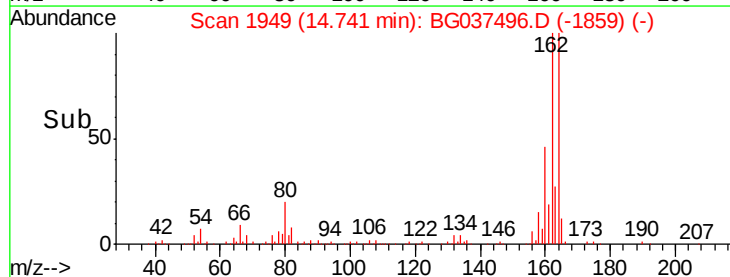
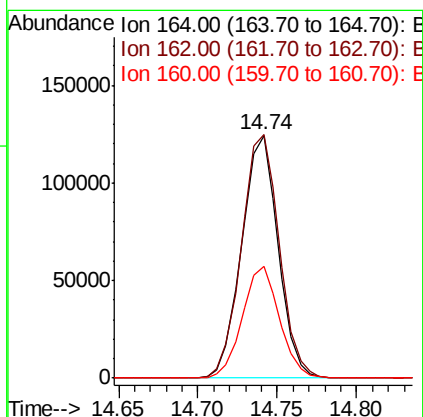
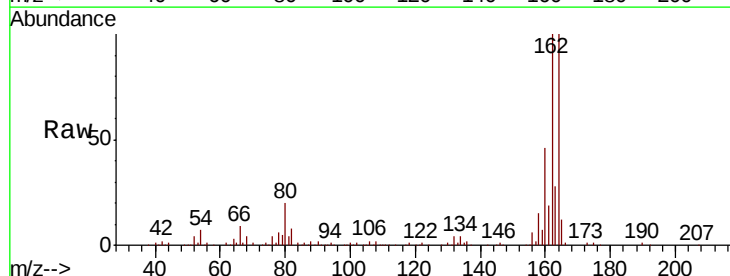
Instrument :
 BNA_G
 ClientSampled :

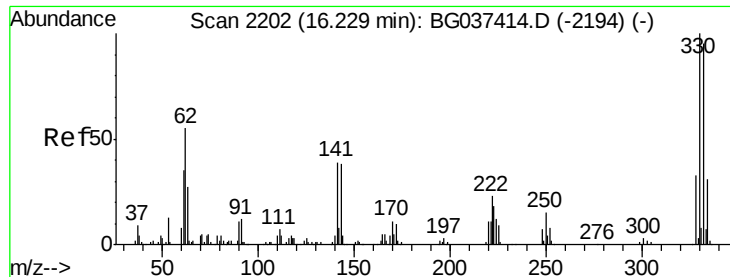
Tot Ion	82.00	Resp	418691
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	55.1	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Tgt Ion	164	Resp	197893
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 116.513 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

Instrument :

BNA_G

ClientSampleId :

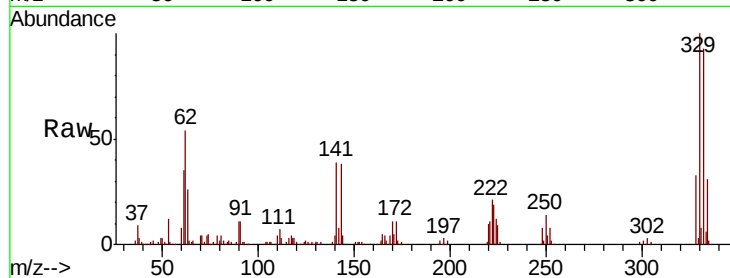
Tot Ion:330 Resp: 251481

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

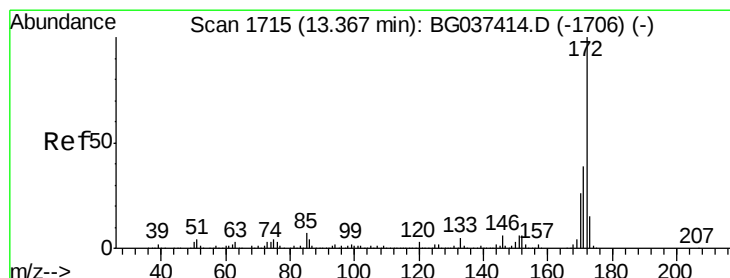
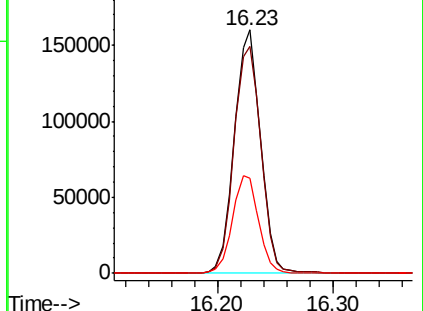
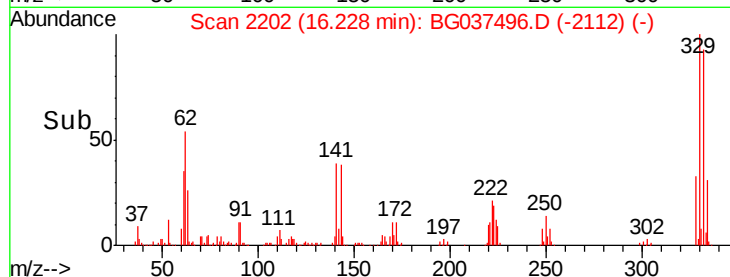
141 40.1 32.2 48.2



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: 75.173 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

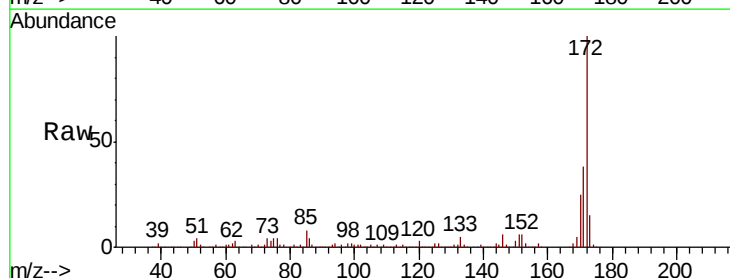
Tgt Ion:172 Resp: 986529

Ion Ratio Lower Upper

172 100

171 37.7 31.0 46.4

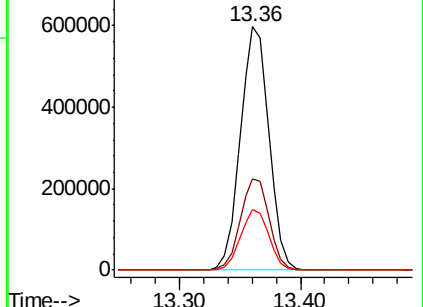
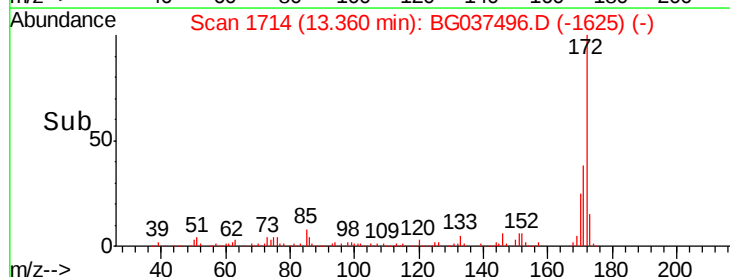
170 25.1 20.2 30.2

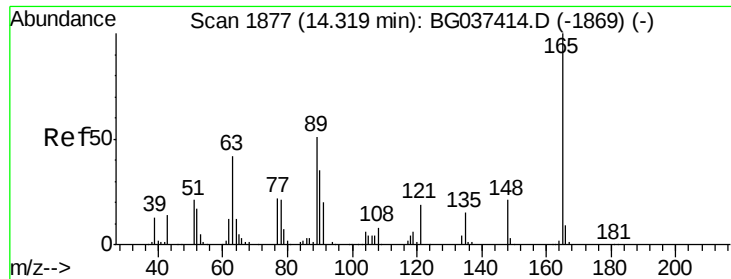


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

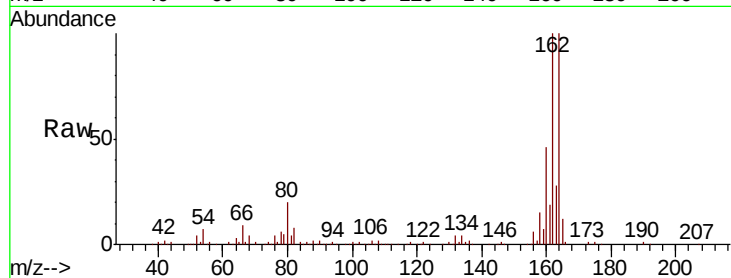




#51
 2,6-Dinitrotoluene
 Concen: 7.449 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	1.1	45.8	68.6#

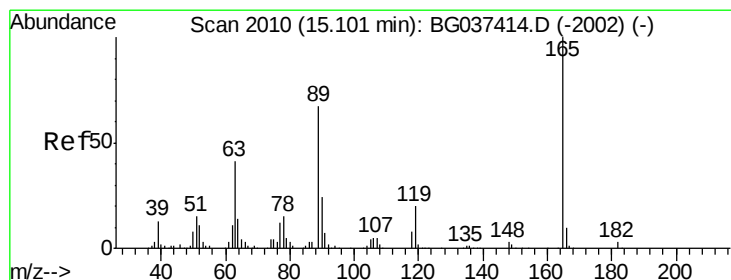
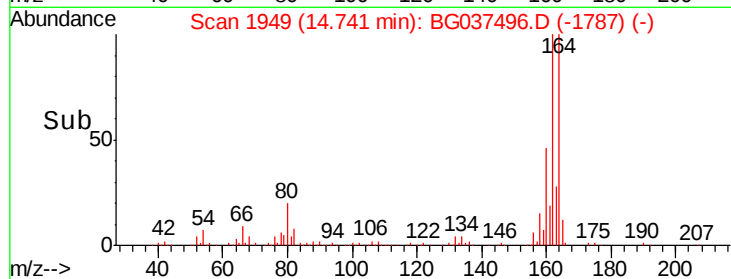
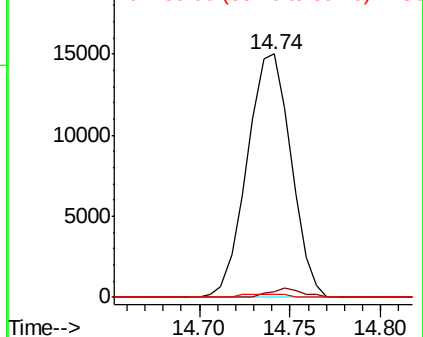


Abundance

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



#57
 2,4-Dinitrotoluene
 Concen: 5.675 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	1.1	57.2	85.8#
182	0.0	2.6	4.0#

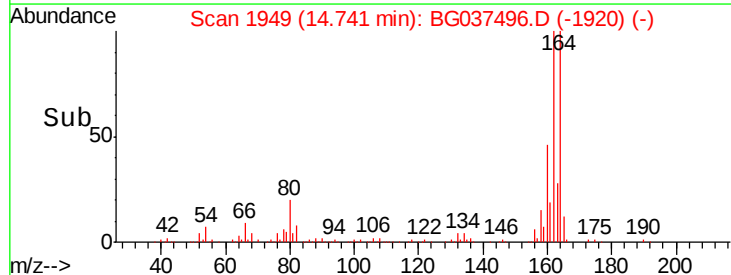
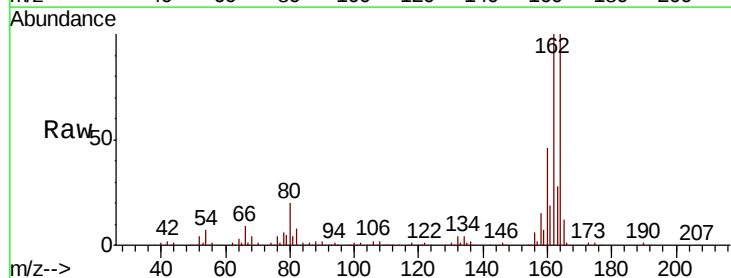
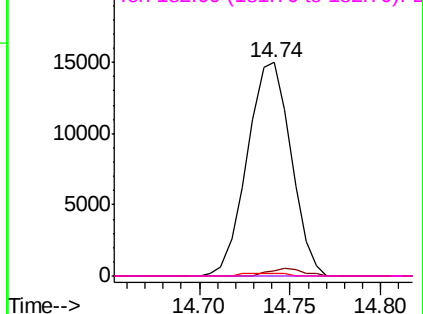
Abundance

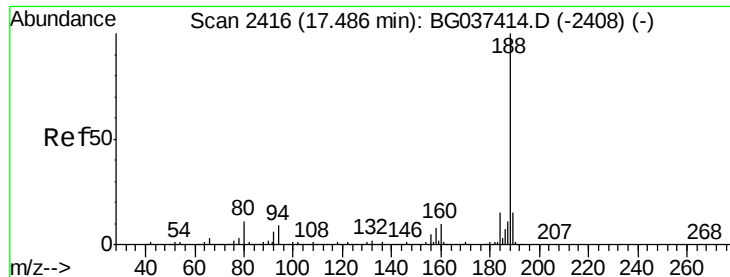
Ion 165.00 (164.70 to 165.70): E

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

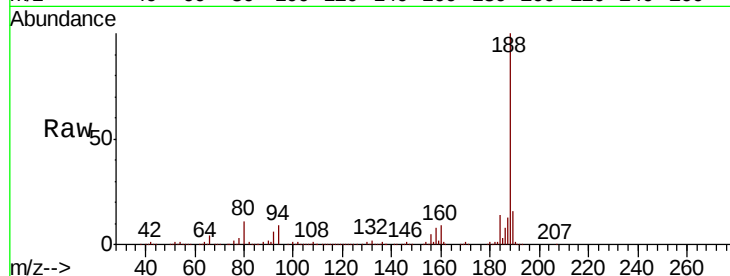




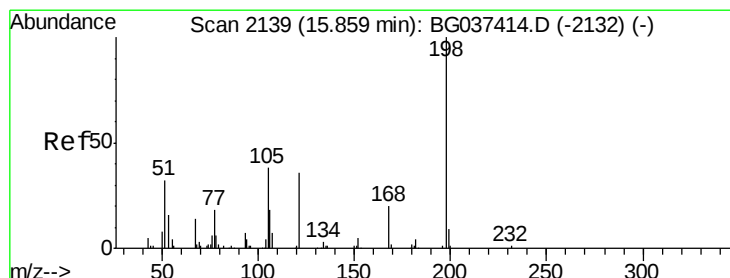
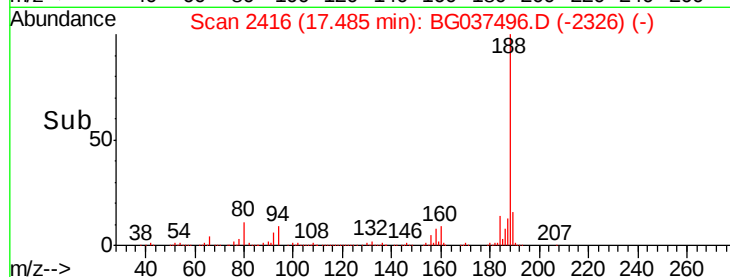
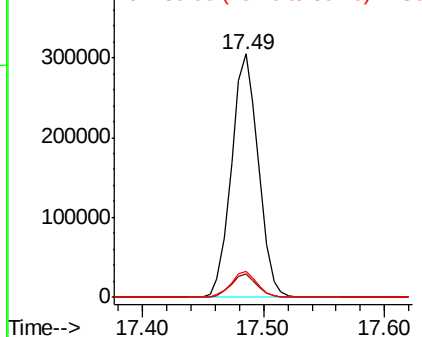
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 472494
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.5 7.7 11.5

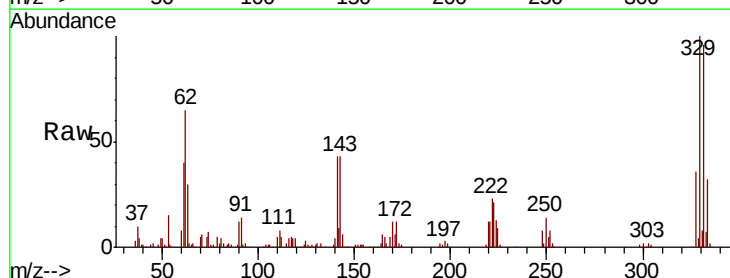


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

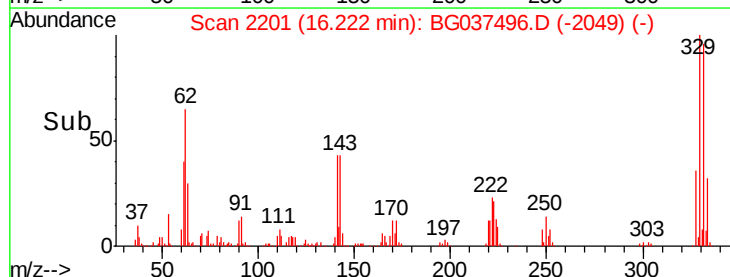
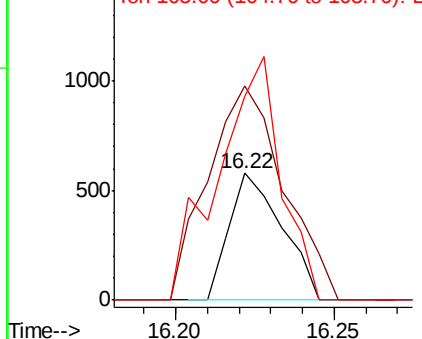


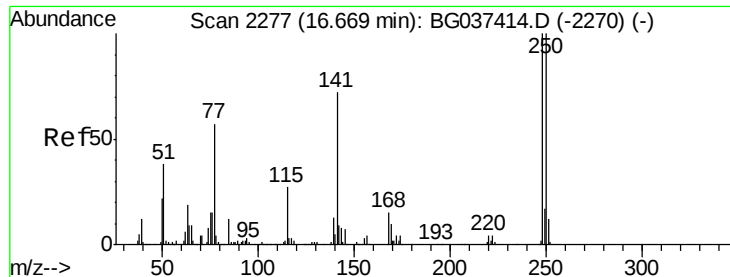
#65
4,6-Dinitro-2-methylphenol
Concen: 8.728 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037496.D
Acq: 24 Oct 2018 5:04

Tgt Ion:198 Resp: 664
Ion Ratio Lower Upper
198 100
51 31.4 22.7 62.7
105 30.0 19.7 59.7



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

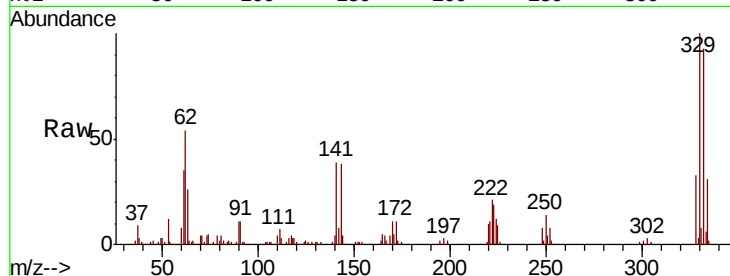




#67
 4-Bromophenyl-phenylether
 Concen: 3.764 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037496.D
 Acq: 24 Oct 2018 5:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	188.0	77.0	115.6#
141	390.7	55.5	83.3#

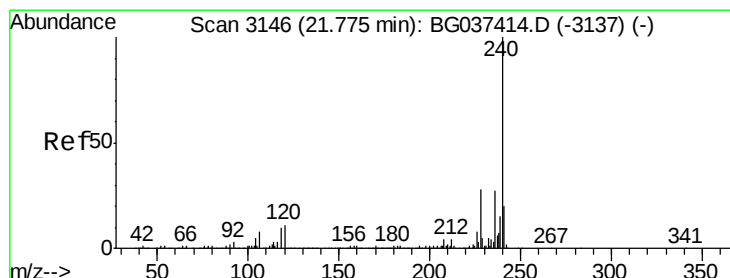
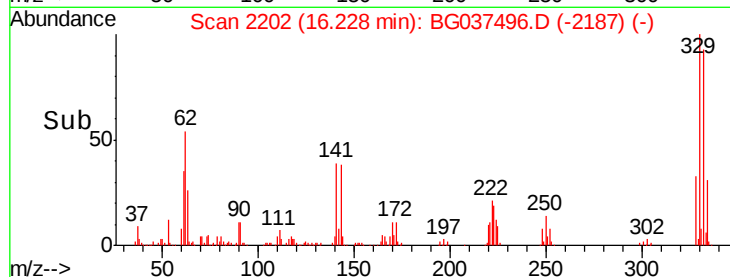
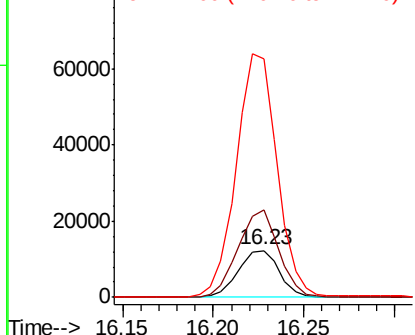


Abundance

Ion 248.00 (247.70 to 248.70): E

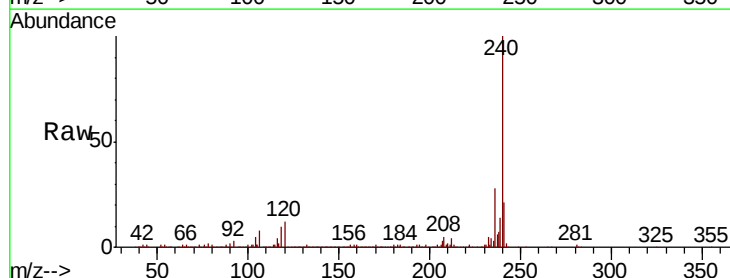
Ion 250.00 (249.70 to 250.70): E

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: BG037496.D
 Acq: 24 Oct 2018 5:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.1	12.1#
236	27.6	21.4	32.0

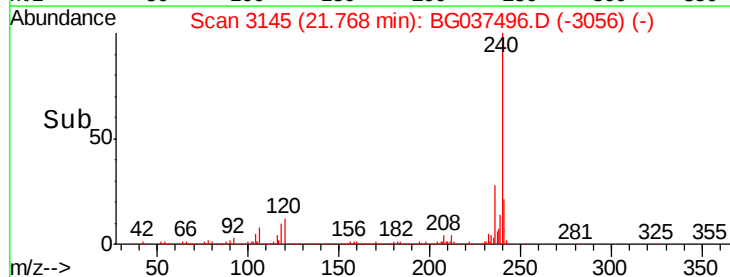
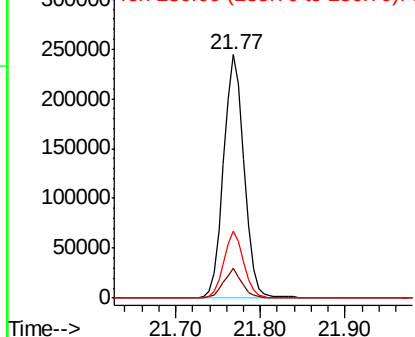


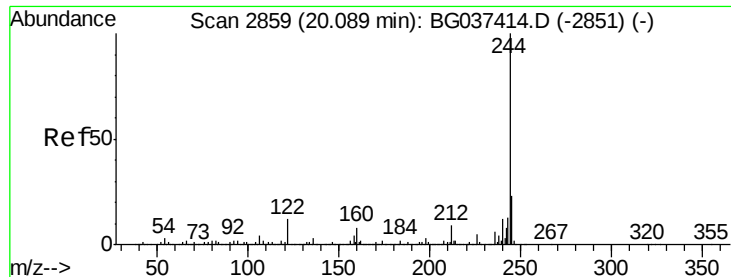
Abundance

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: 76.129 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

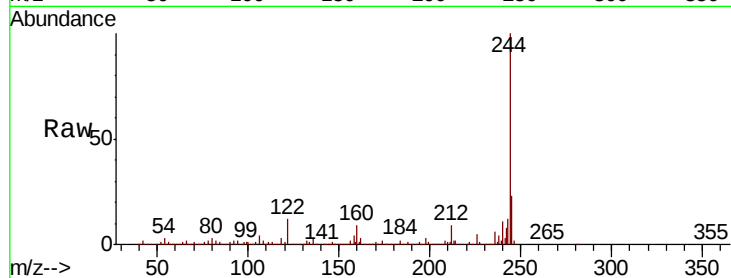
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1466317

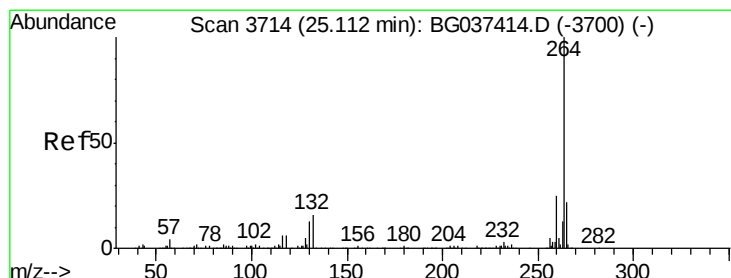
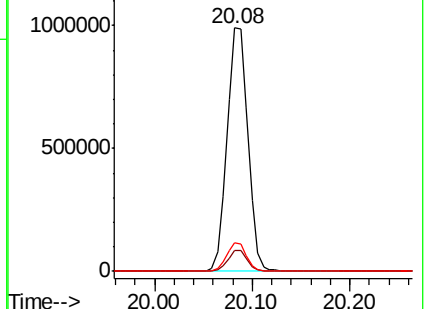
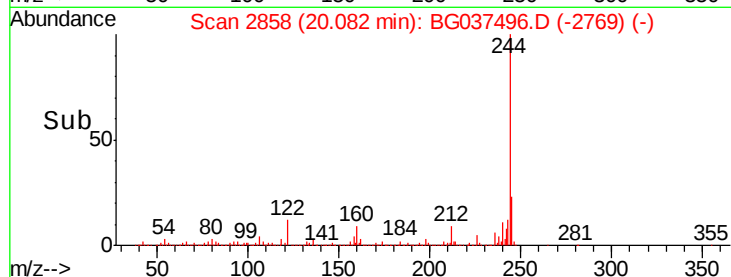
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.8	9.0	13.4



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: 25.11 min Scan# 3713

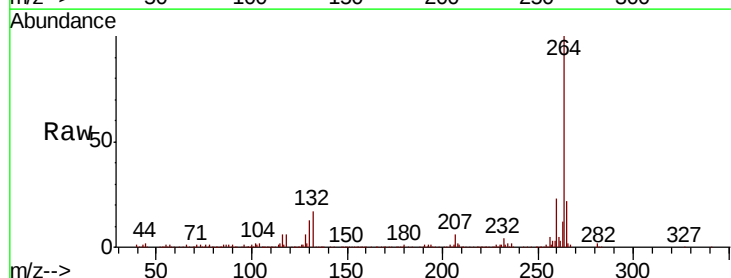
Delta R.T. -0.01 min

Lab File: BG037496.D

Acq: 24 Oct 2018 5:04

Tgt Ion:264 Resp: 420115

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.5	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

