

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037499.D
 Acq On : 24 Oct 2018 7:01
 Operator : JU/SJ
 Sample : J5623-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 09:10:25 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	55123	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	252104	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	172540	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	413377	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373530	20.00	ng	0.00
87) Perylene-d12	25.11	264	380533	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	149578	45.37	ng	0.00
7) Phenol-d6	7.25	99	132742	26.62	ng	0.00
23) Nitrobenzene-d5	9.29	82	450828	100.18	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189131	100.50	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1128390	98.62	ng	0.00
79) Terphenyl-d14	20.09	244	1455871	83.28	ng	0.00

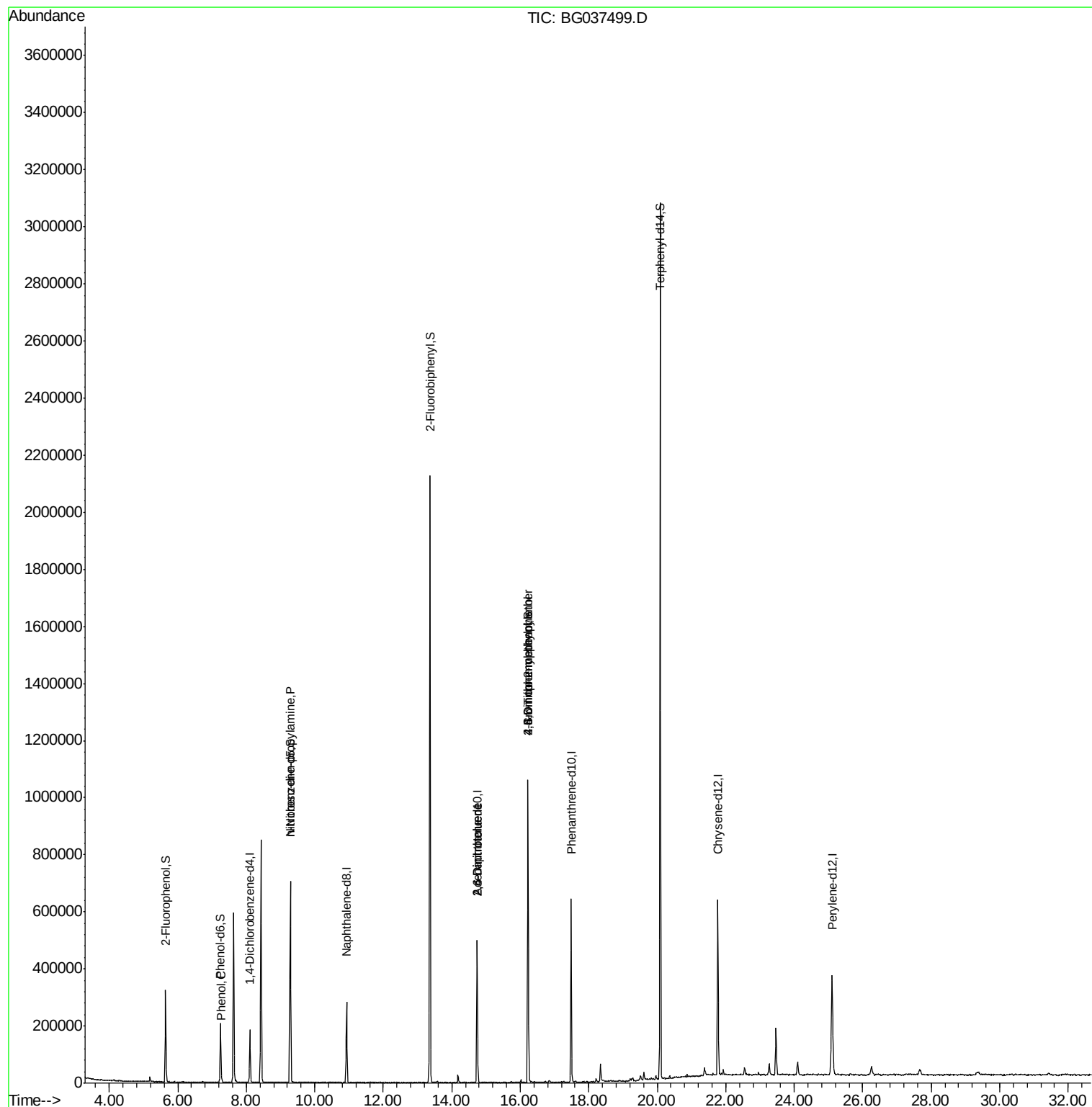
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.27	94	11431	2.173	ng	99
19) n-Nitroso-di-n-propylamine	9.28	70	56802	16.545	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	21844	7.398	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	21844	5.636	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	503	8.698	ng	90
67) 4-Bromophenyl-phenylether	16.22	248	13816	3.043	ng	# 1

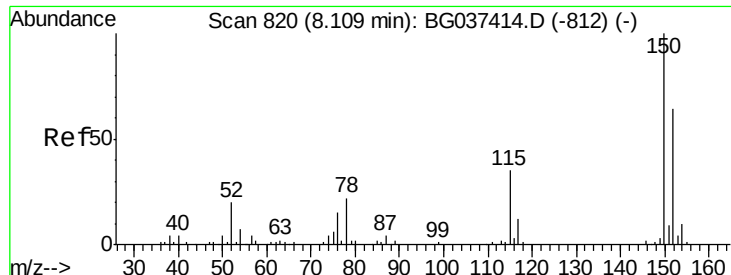
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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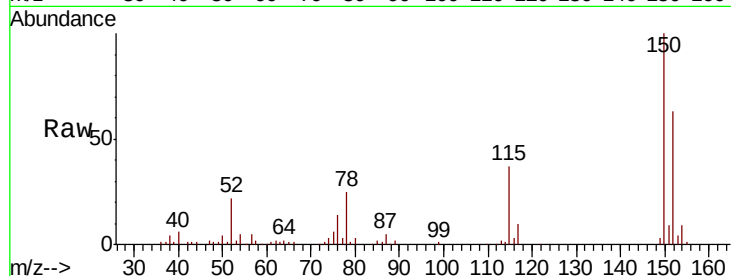


#1

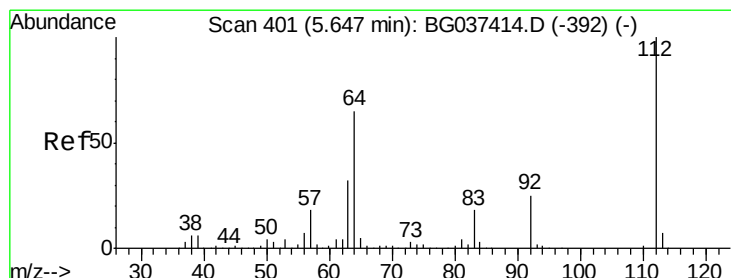
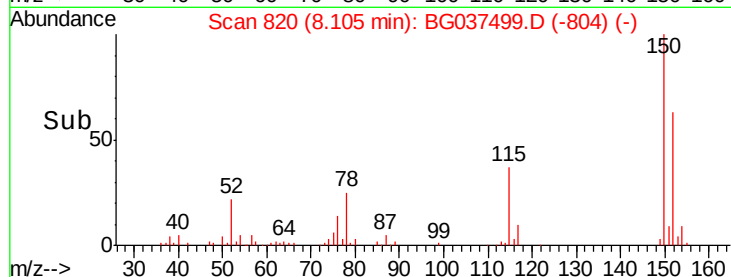
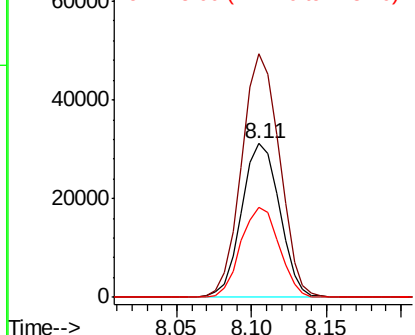
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55123
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 58.4 45.5 68.3



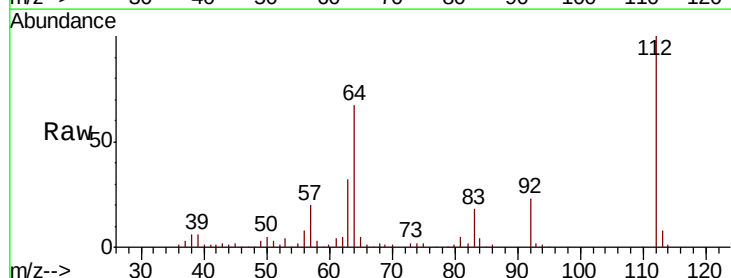
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



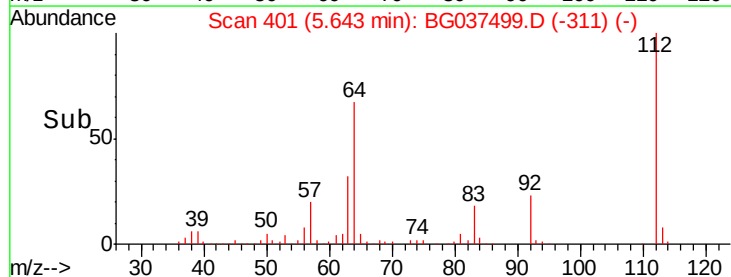
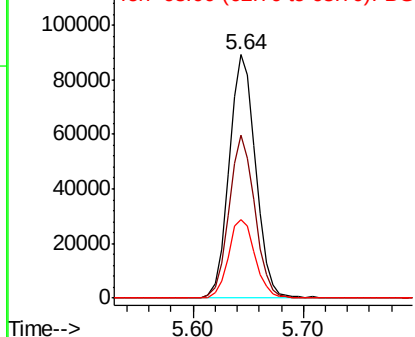
#5

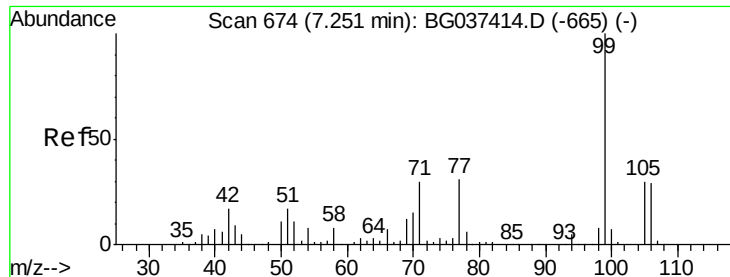
2-Fluorophenol
Concen: 45.366 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:112 Resp: 149578
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 32.3 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: 26.625 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

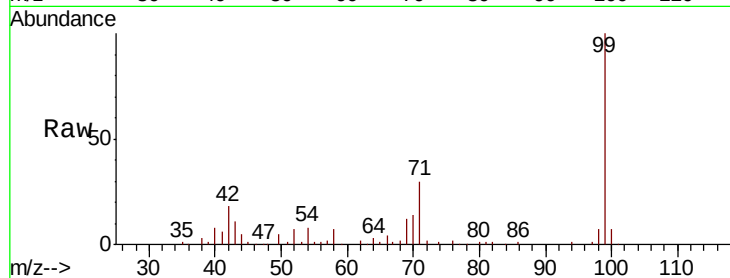
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 132742

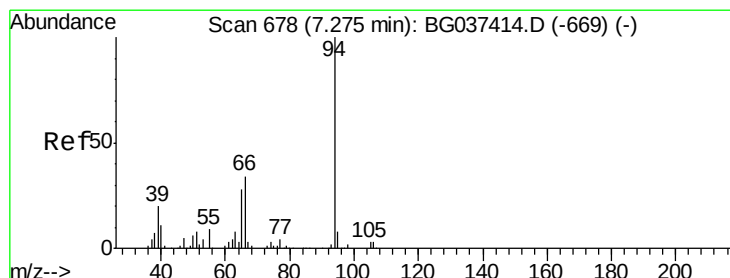
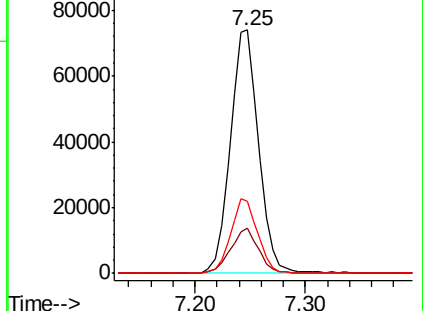
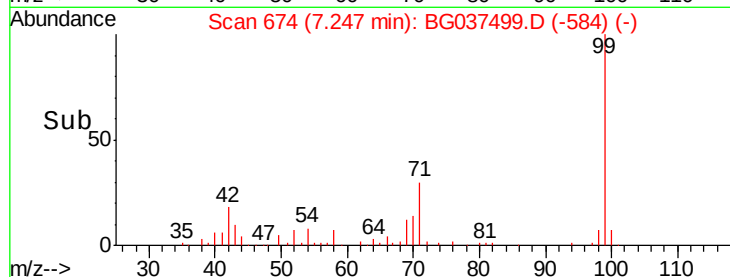
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	29.8	25.5	38.3



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: 2.173 ng

RT: 7.27 min Scan# 678

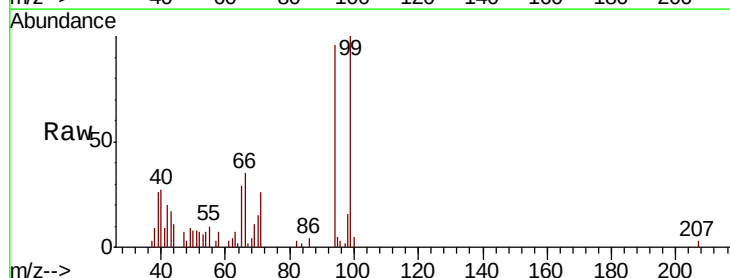
Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Tgt Ion: 94 Resp: 11431

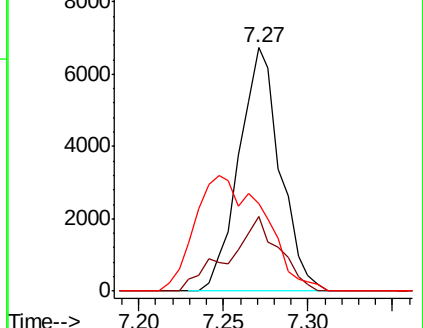
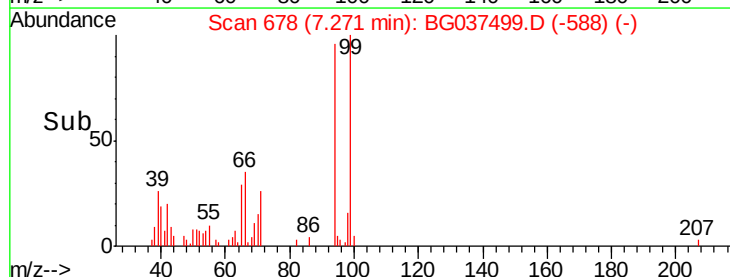
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.7	49.7
66	36.0	15.9	55.9

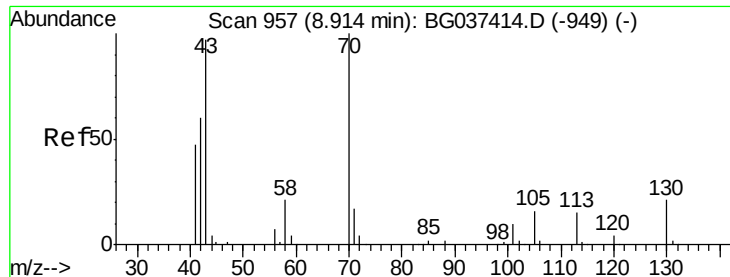


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

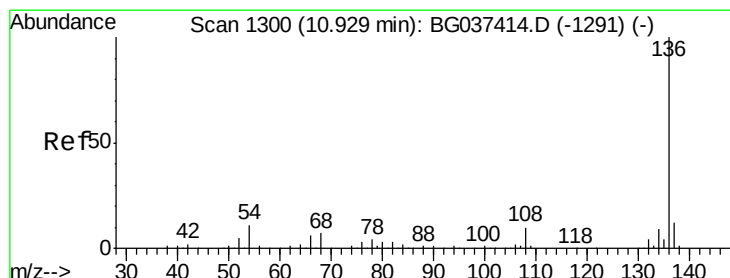
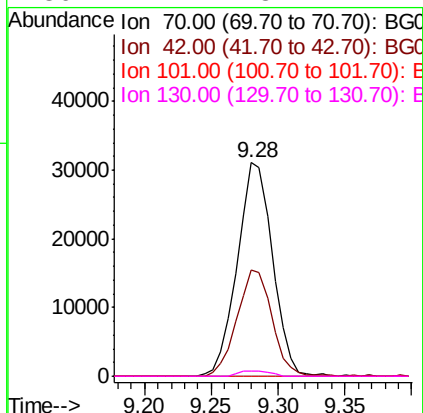
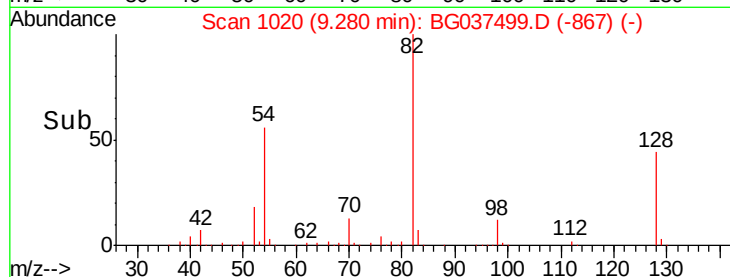
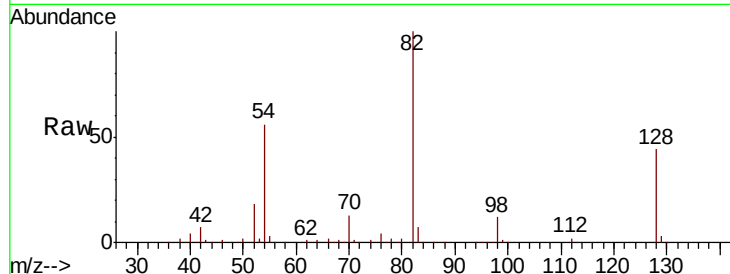




#19
n-Nitroso-di-n-propylamine
Concen: 16.545 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

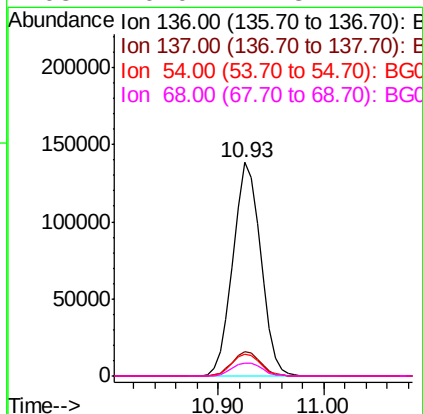
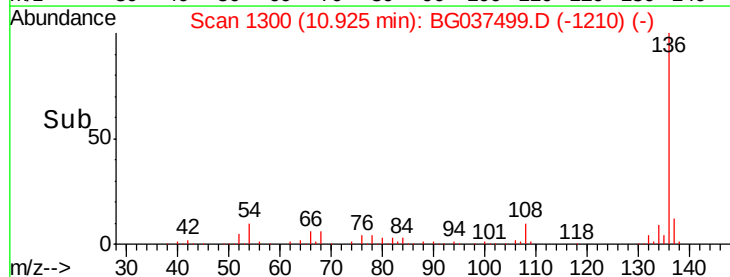
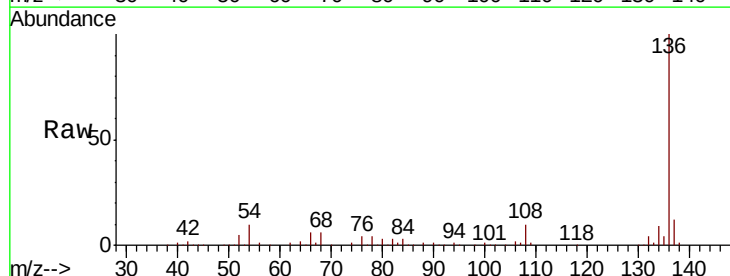
Instrument :
BNA_G
ClientSampleId :

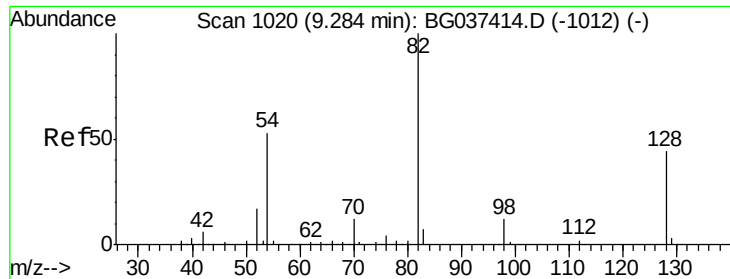
Tot Ion: 70 Resp: 56802
Ion Ratio Lower Upper
70 100
42 50.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion: 136 Resp: 252104
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.4 7.9 11.9
68 6.0 4.8 7.2

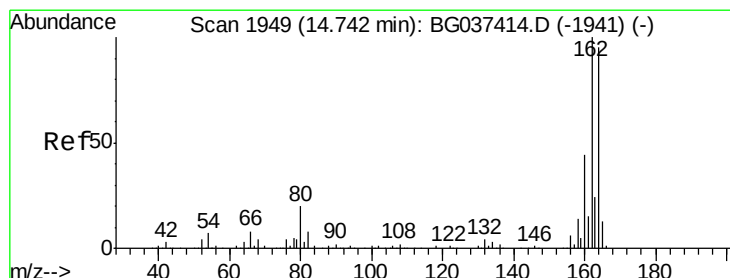
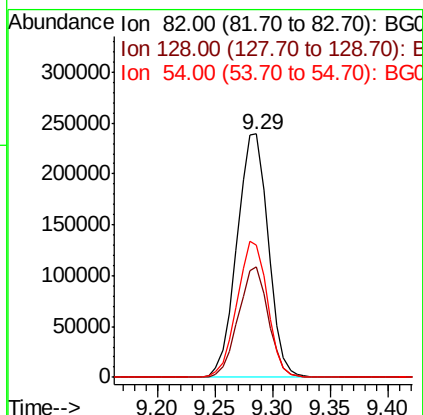
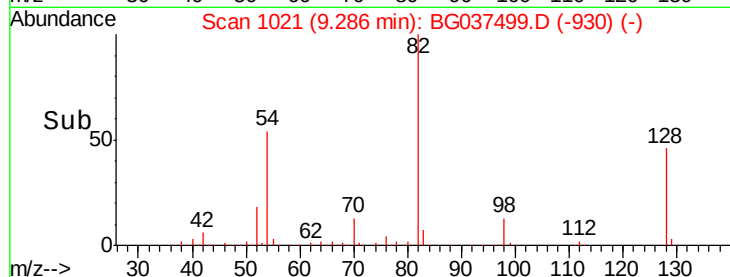
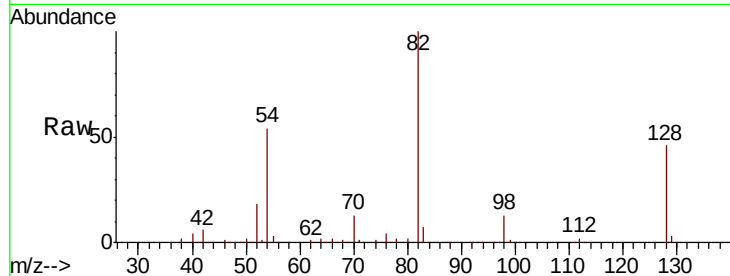




#23
Nitrobenzene-d5
Concen: 100.177 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

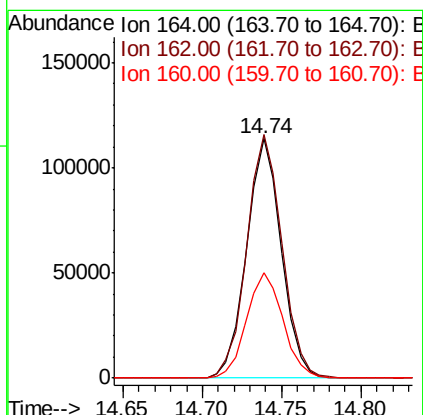
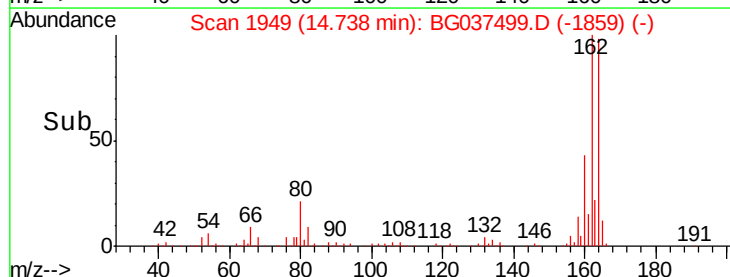
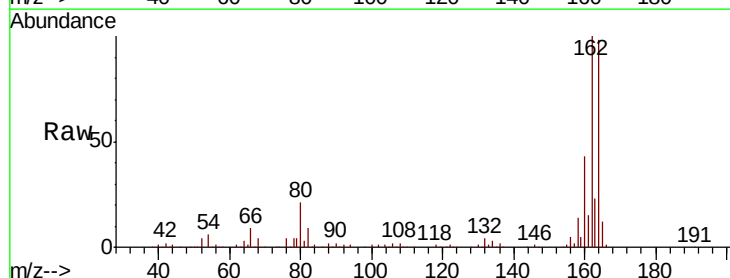
Instrument :
BNA_G
ClientSampleId :

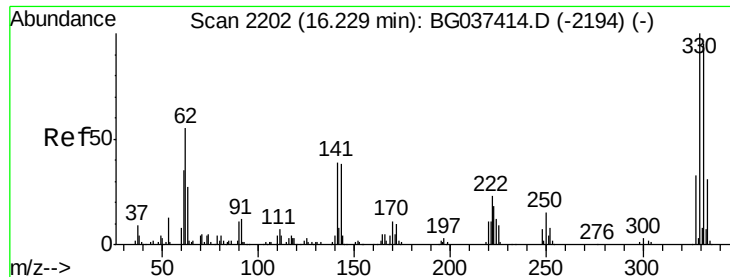
Tot Ion: 82 Resp: 450828
Ion Ratio Lower Upper
82 100
128 45.6 34.6 51.8
54 54.1 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:164 Resp: 172540
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.1 36.3 54.5

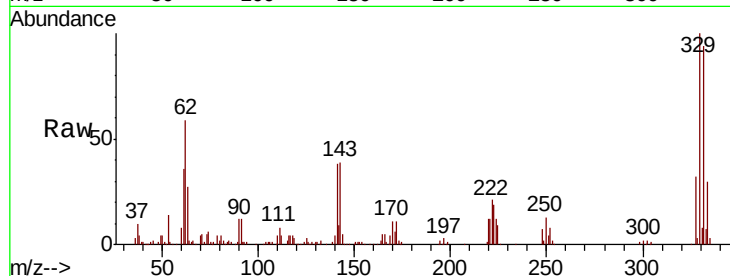




#42
 2,4,6-Tribromophenol
 Concen: 100.501 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.4	117.6
141	39.4	32.2	48.2

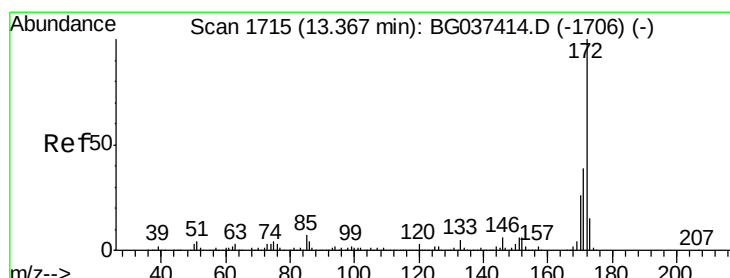
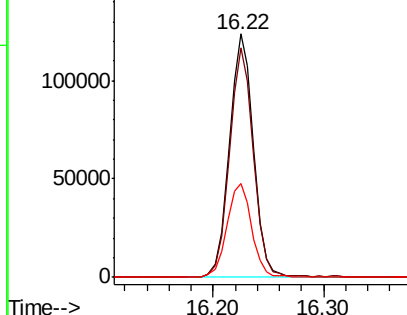
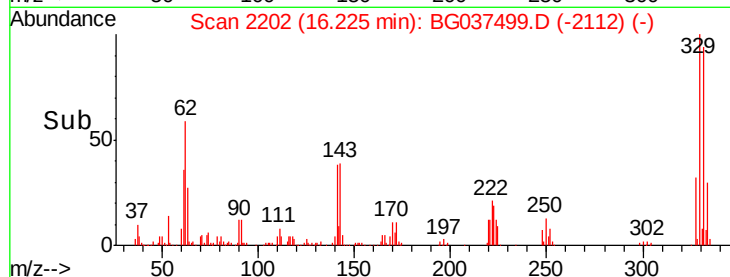


Abundance

Ion 329.80 (329.50 to 330.50): E

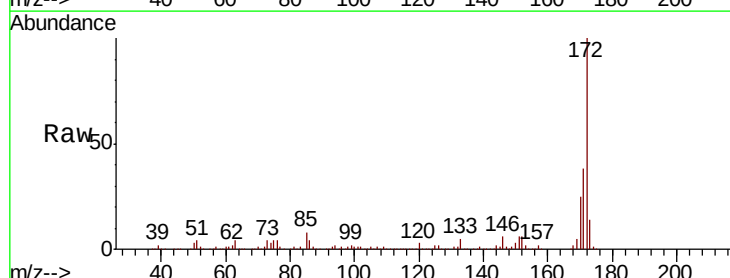
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.618 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.4	20.2	30.2

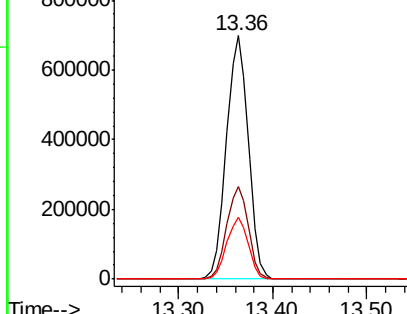
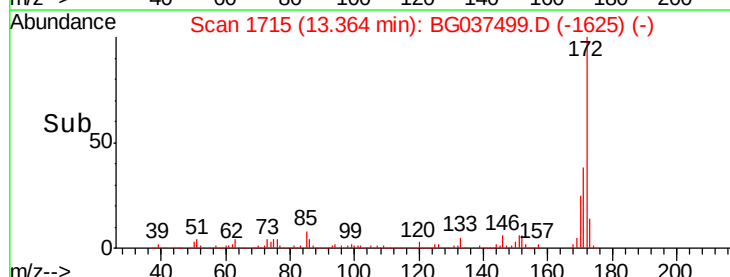


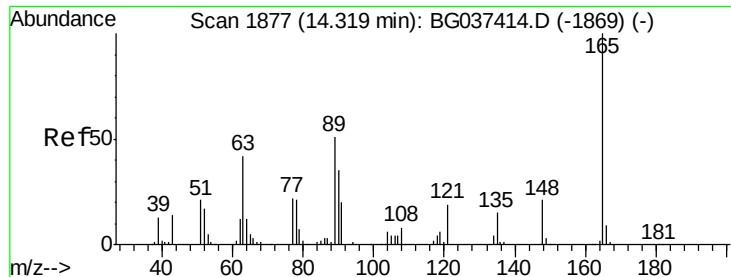
Abundance

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

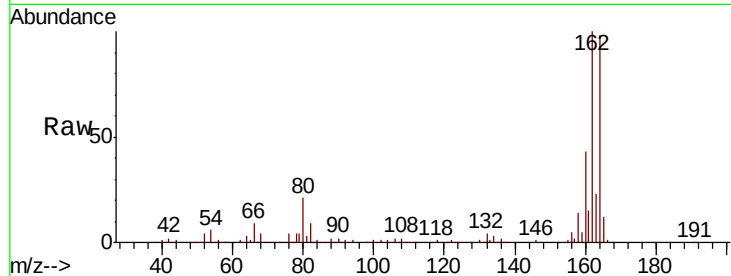




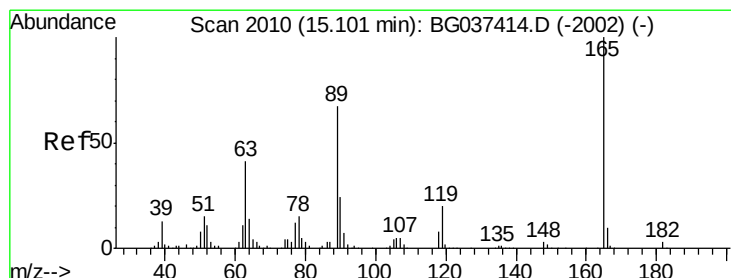
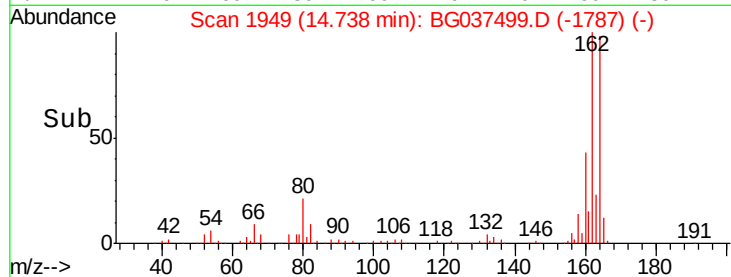
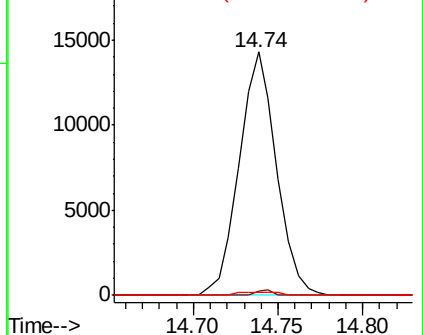
#51
 2,6-Dinitrotoluene
 Concen: 7.398 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.3	45.8	68.6#

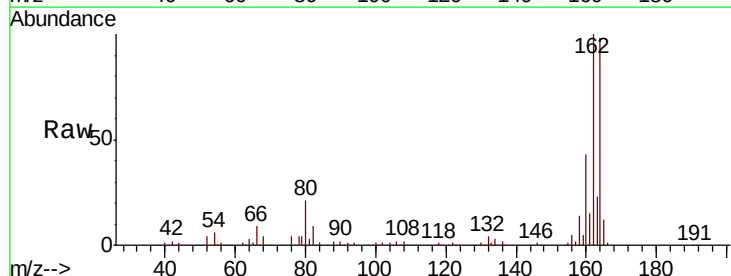


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

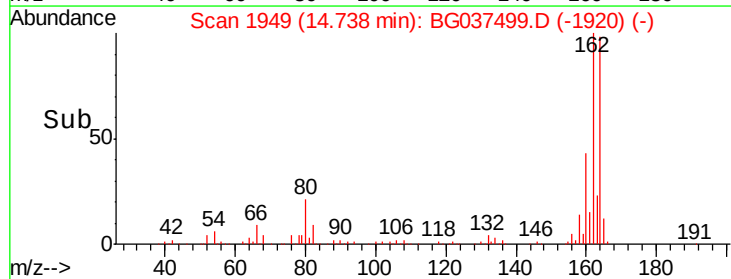
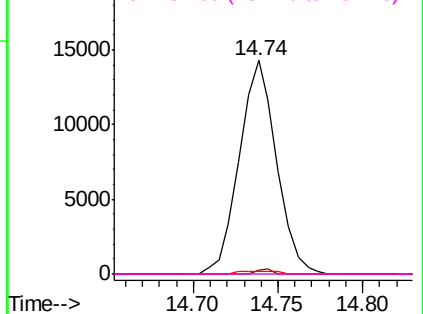


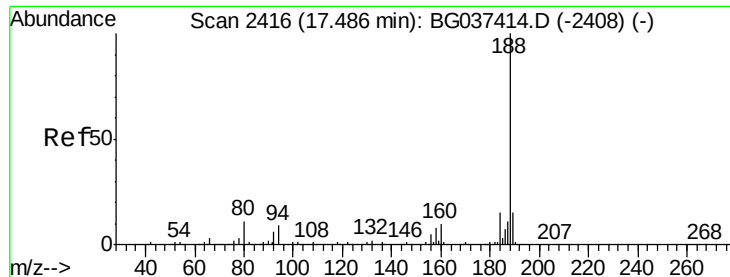
#57
 2,4-Dinitrotoluene
 Concen: 5.636 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	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# 2416

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

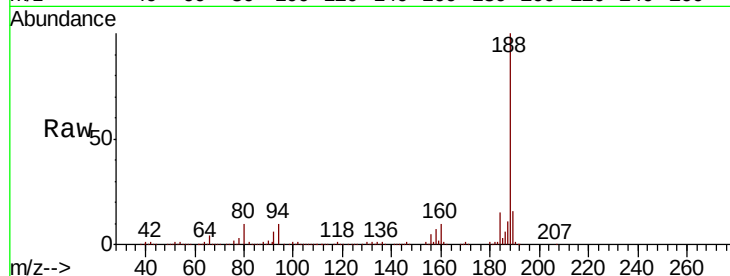
Tot Ion:188 Resp: 413377

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

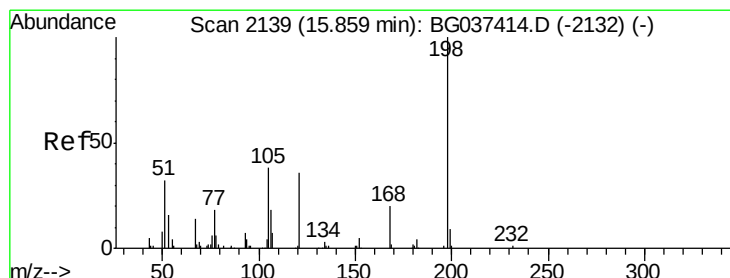
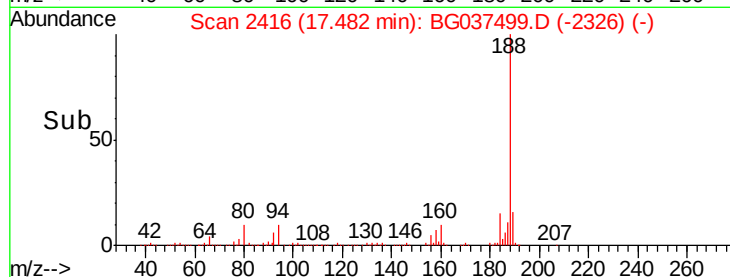
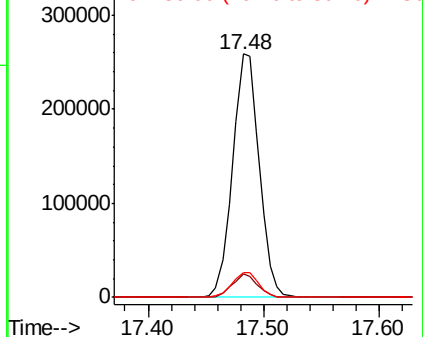
80 10.4 7.7 11.5



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: 8.698 ng

RT: 16.22 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

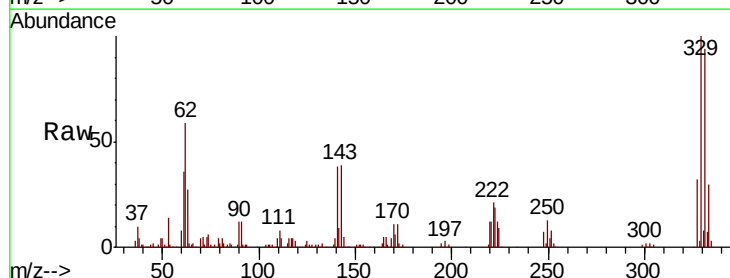
Tgt Ion:198 Resp: 503

Ion Ratio Lower Upper

198 100

51 38.8 22.7 62.7

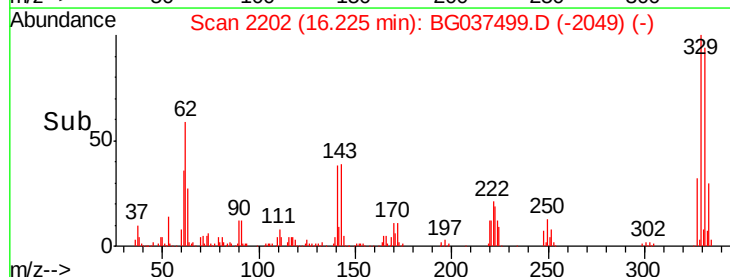
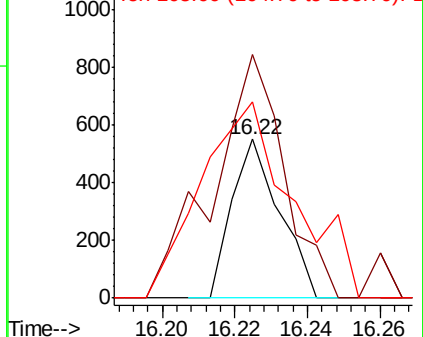
105 31.3 19.7 59.7

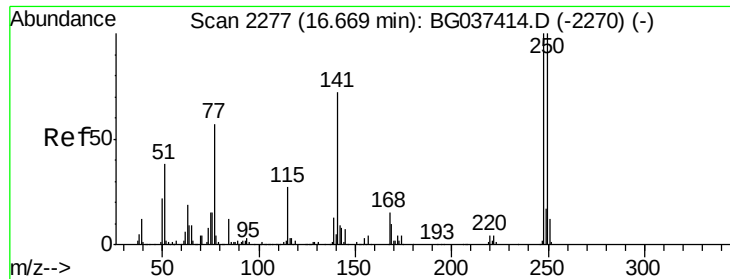


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

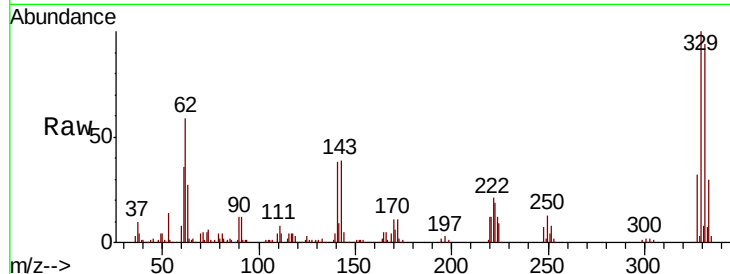




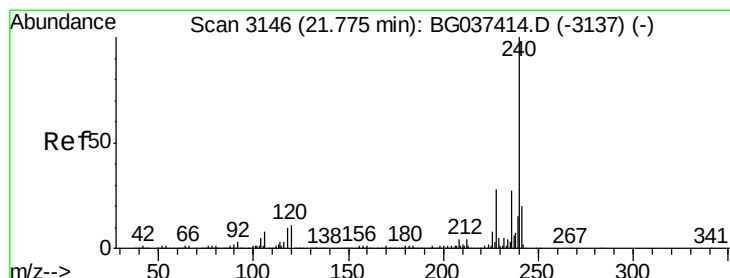
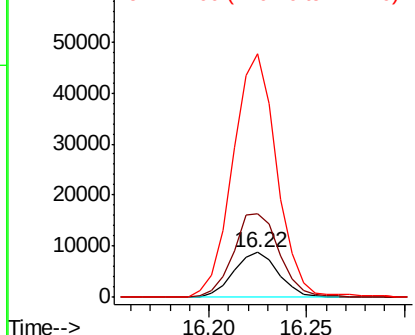
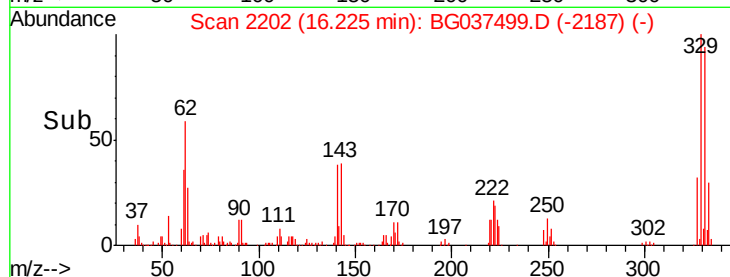
#67
 4-Bromophenyl-phenylether
 Concen: 3.043 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13816
 Ion Ratio Lower Upper
 248 100
 250 189.1 77.0 115.6#
 141 415.3 55.5 83.3#

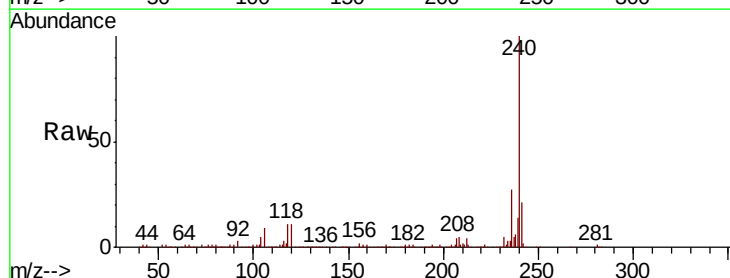


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

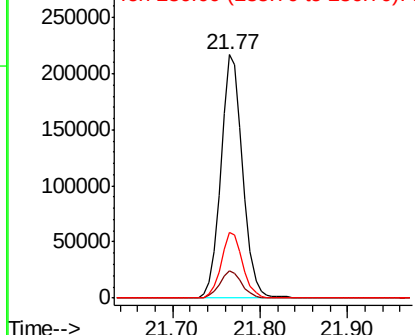
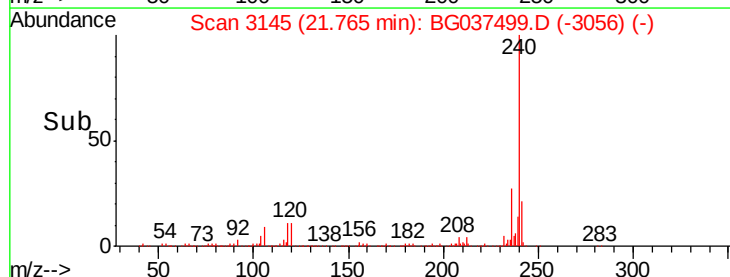


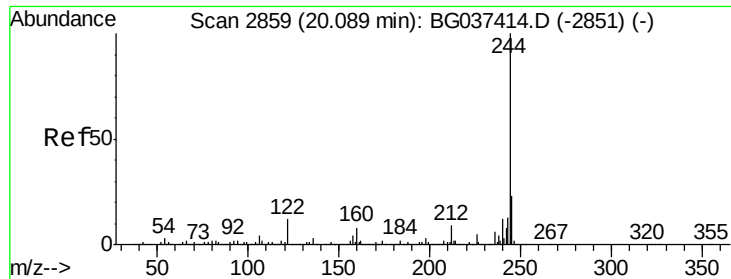
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037499.D
 Acq: 24 Oct 2018 7:01

Tgt Ion:240 Resp: 373530
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 27.2 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: 83.283 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

Instrument :

BNA_G

ClientSampled :

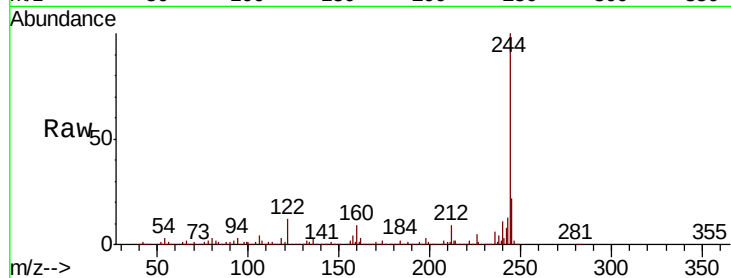
Tot Ion:244 Resp: 1455871

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

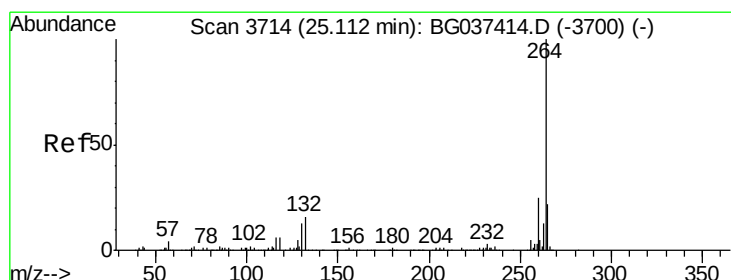
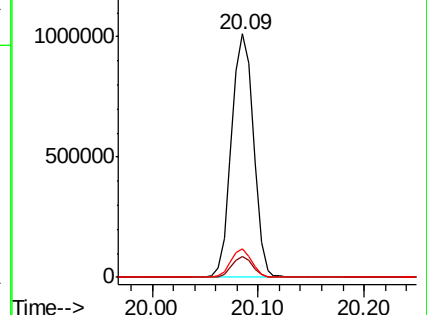
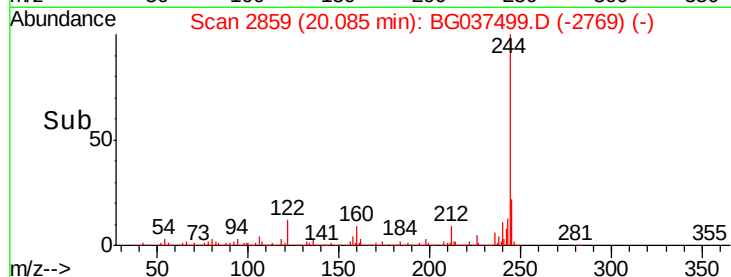
122 12.0 9.0 13.4



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# 3714

Delta R.T. -0.00 min

Lab File: BG037499.D

Acq: 24 Oct 2018 7:01

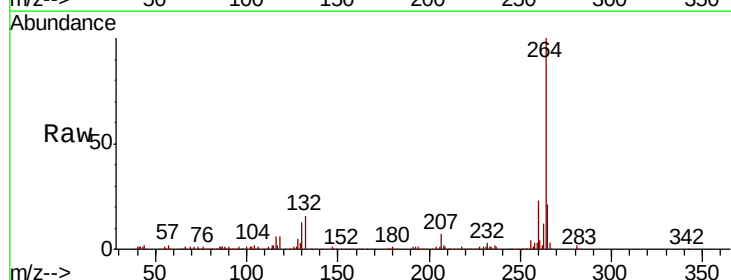
Tgt Ion:264 Resp: 380533

Ion Ratio Lower Upper

264 100

260 23.3 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

