

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037508.D
 Acq On : 24 Oct 2018 12:53
 Operator : JU/SJ
 Sample : J5623-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 13:40:10 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

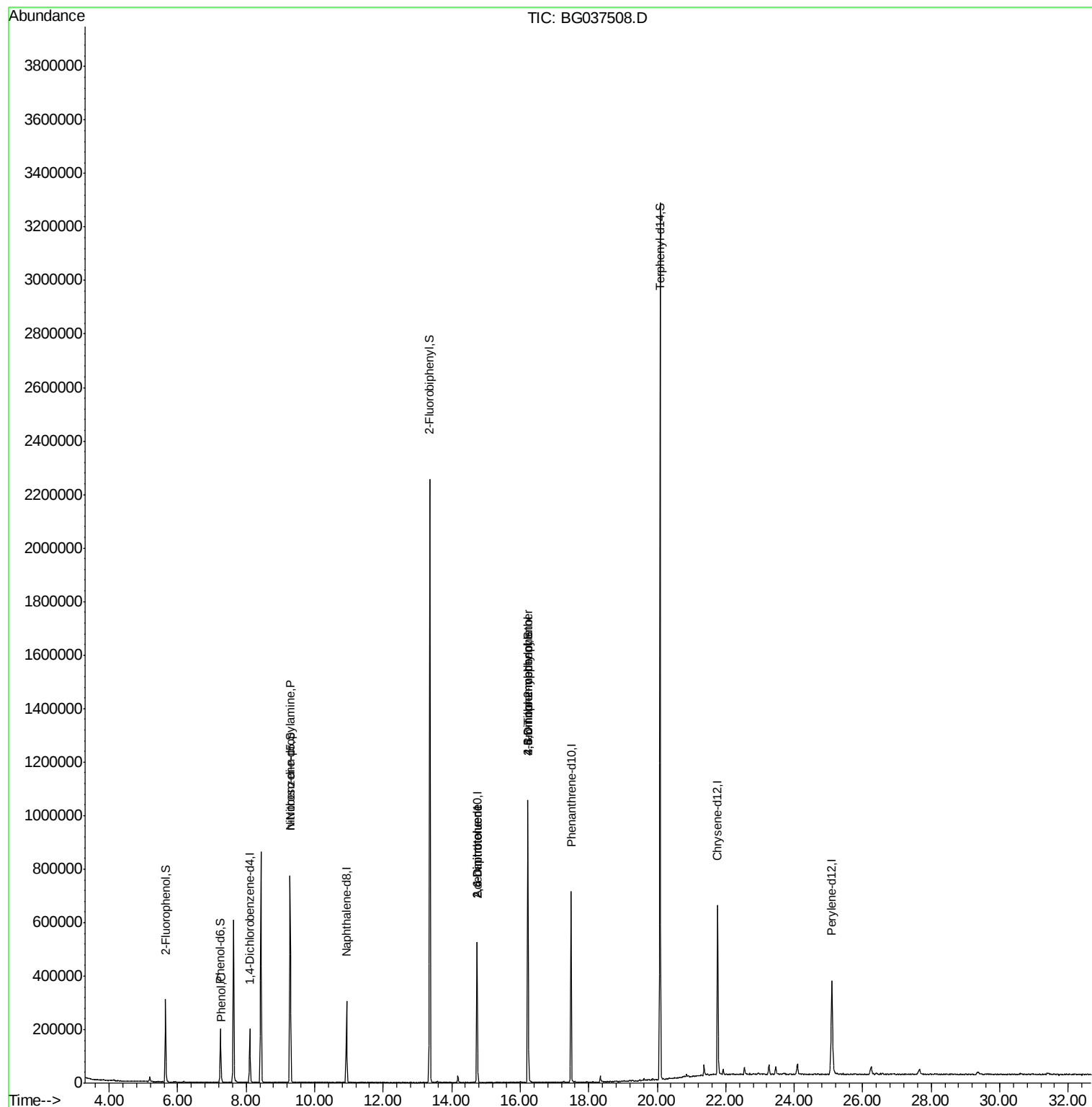
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58427	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	272605	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189218	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	444177	20.00	ng	0.00
76) Chrysene-d12	21.76	240	398181	20.00	ng	-0.01
87) Perylene-d12	25.10	264	400506	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	142831	40.87	ng	0.00
7) Phenol-d6	7.24	99	125160	23.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	479330	98.50	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	194718	94.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1188687	94.73	ng	0.00
79) Terphenyl-d14	20.08	244	1537061	82.48	ng	0.00
Target Compounds						
10) Phenol	7.27	94	15360	2.755	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	61878	17.004	ng	# 72
51) 2,6-Dinitrotoluene	14.74	165	23892	7.378	ng	# 24
57) 2,4-Dinitrotoluene	14.74	165	23892	5.621	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	678	8.747	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	14280	2.928	ng	# 1

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

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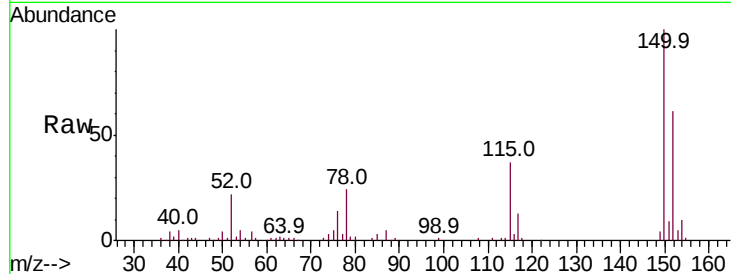


#1

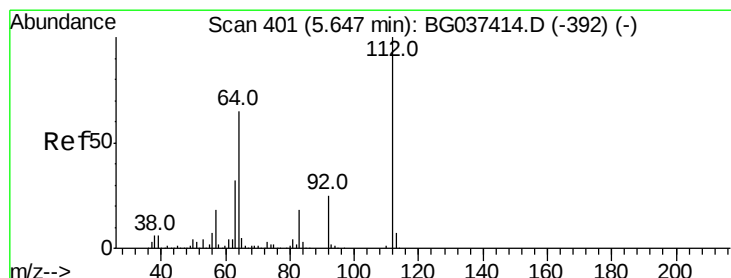
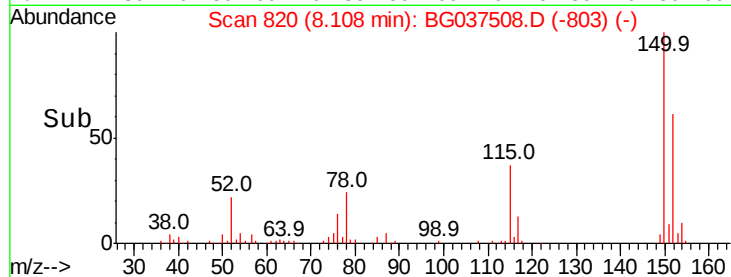
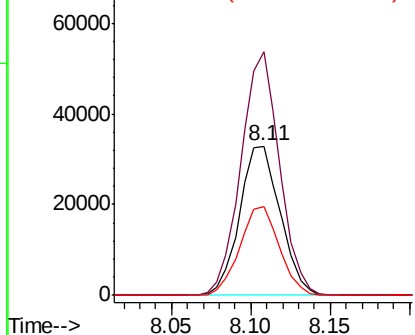
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58427
Ion Ratio Lower Upper
152 100
150 163.3 126.0 189.0
115 59.9 45.5 68.3



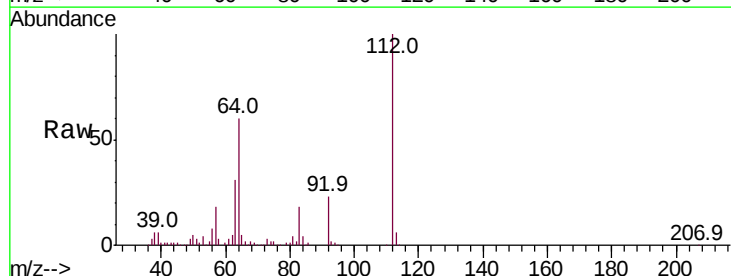
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



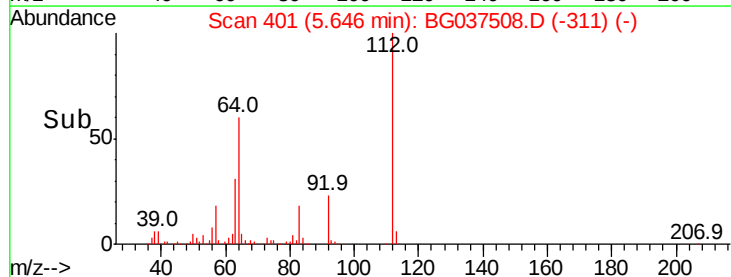
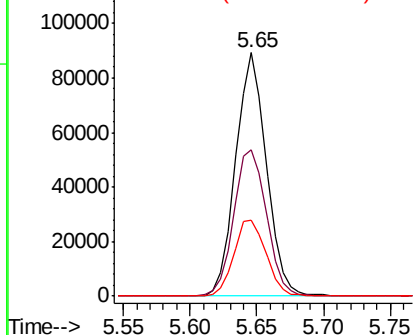
#5

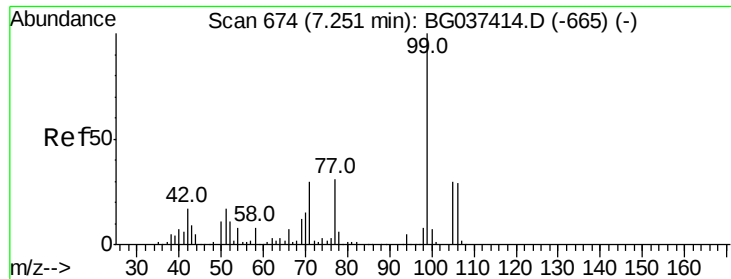
2-Fluorophenol
Concen: 40.870 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

Tgt Ion:112 Resp: 142831
Ion Ratio Lower Upper
112 100
64 60.1 53.1 79.7
63 31.2 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: 23.684 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037508.D

Acq: 24 Oct 2018 12:53

Instrument :

BNA_G

ClientSampled :

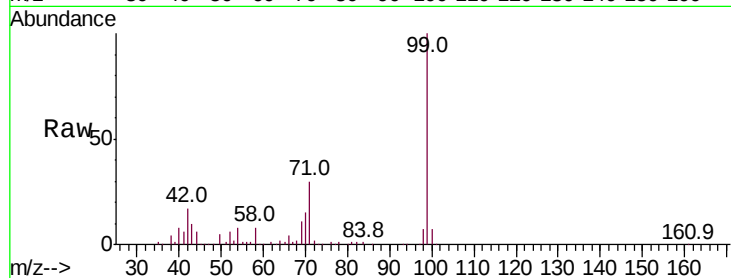
Tot Ion: 99 Resp: 125160

Ion Ratio Lower Upper

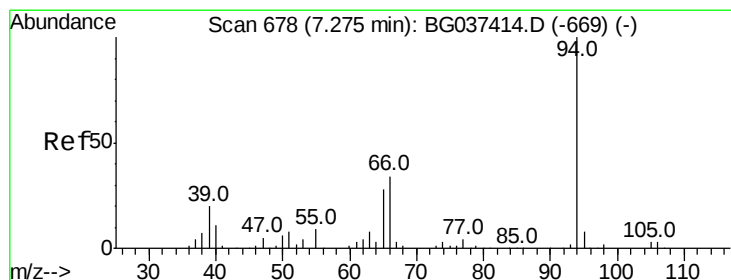
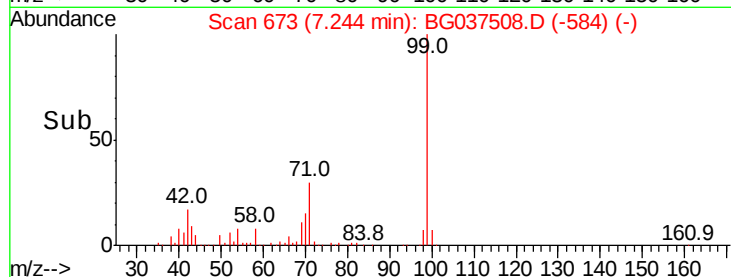
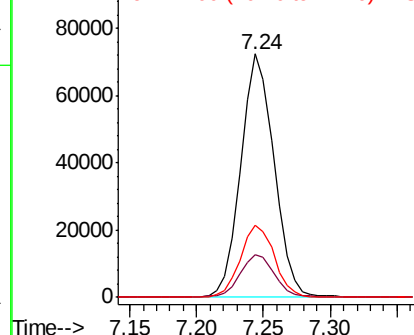
99 100

42 17.3 15.0 22.4

71 29.7 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: 2.755 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037508.D

Acq: 24 Oct 2018 12:53

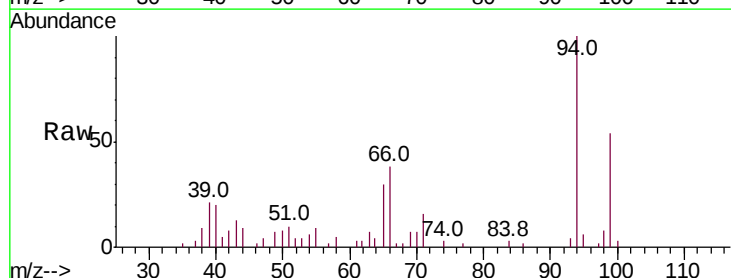
Tgt Ion: 94 Resp: 15360

Ion Ratio Lower Upper

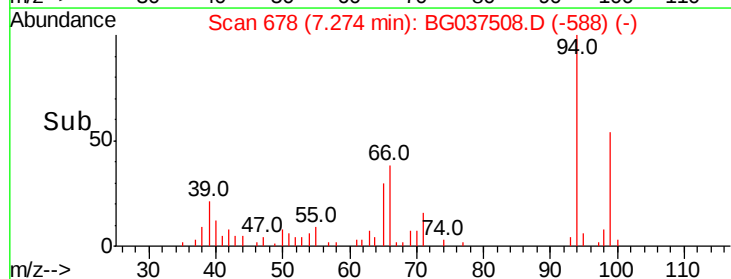
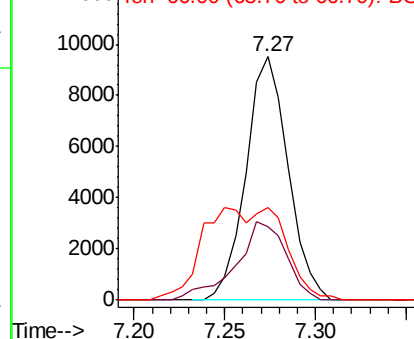
94 100

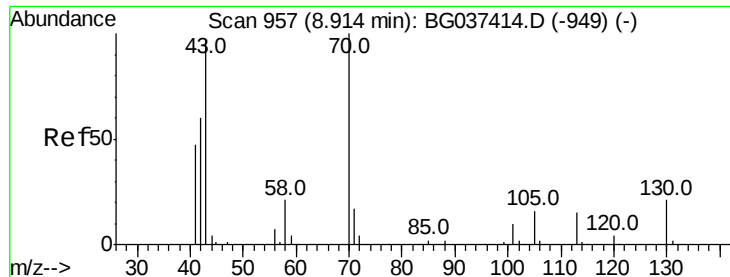
65 29.9 9.7 49.7

66 38.1 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

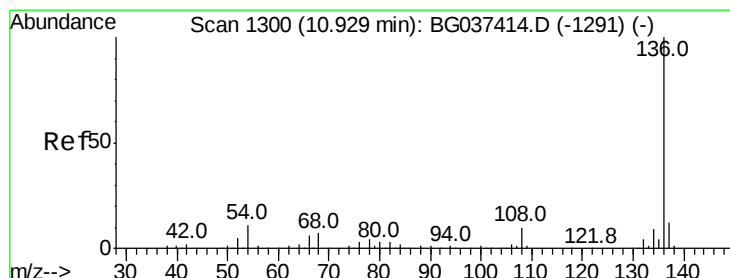
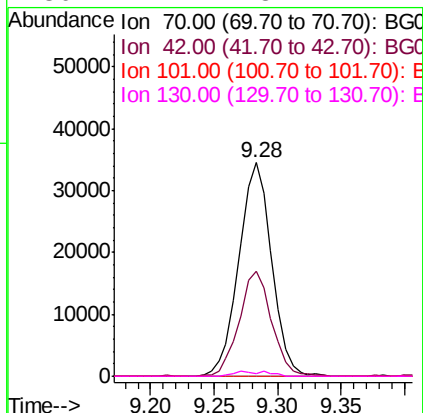
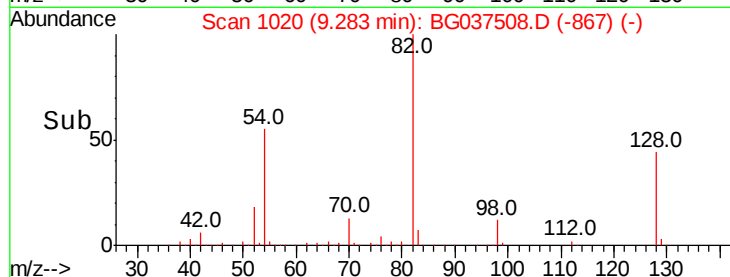
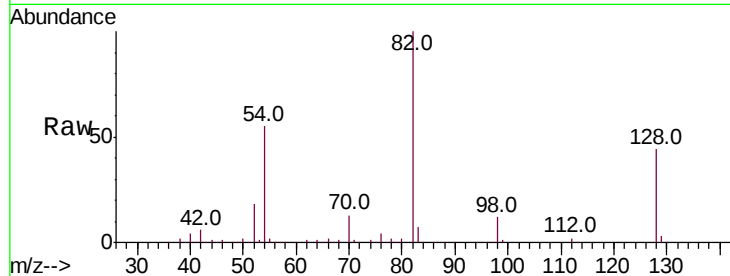




#19
n-Nitroso-di-n-propylamine
Concen: 17.004 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

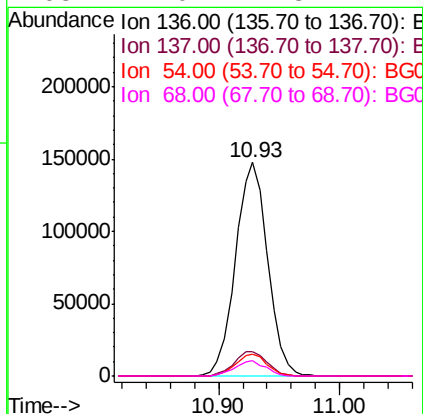
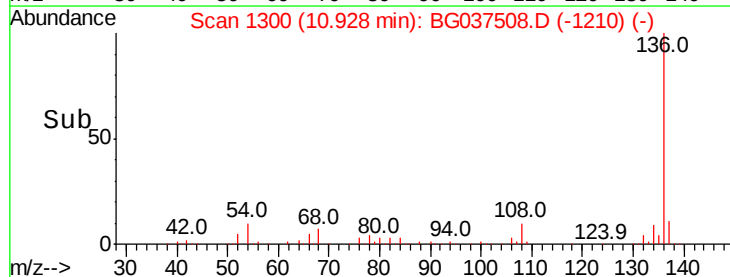
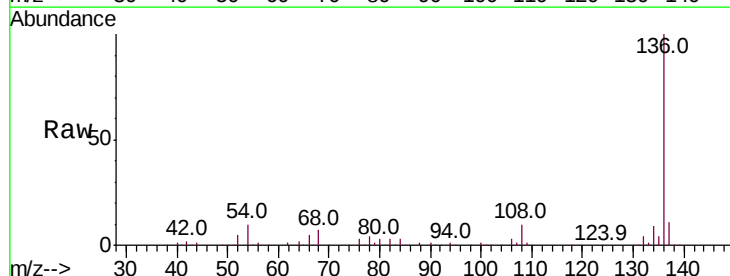
Instrument :
BNA_G
ClientSampleId :

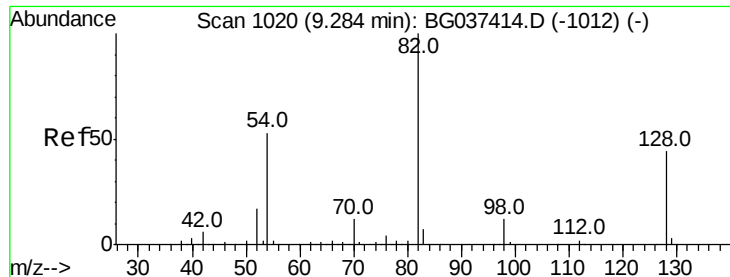
Tot Ion: 70 Resp: 61878
Ion Ratio Lower Upper
70 100
42 49.4 53.9 80.9#
101 0.0 8.2 12.2#
130 1.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

Tgt Ion: 136 Resp: 272605
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 9.9 7.9 11.9
68 7.0 4.8 7.2

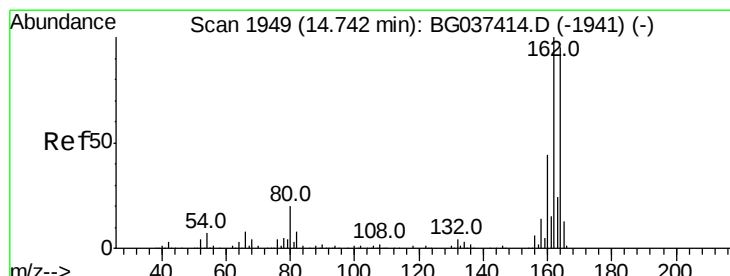
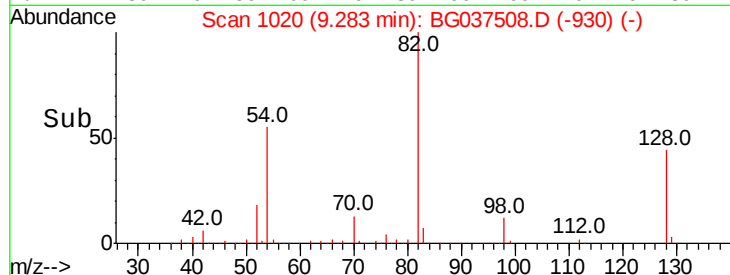
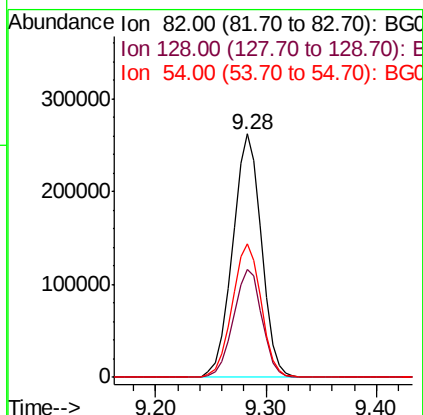
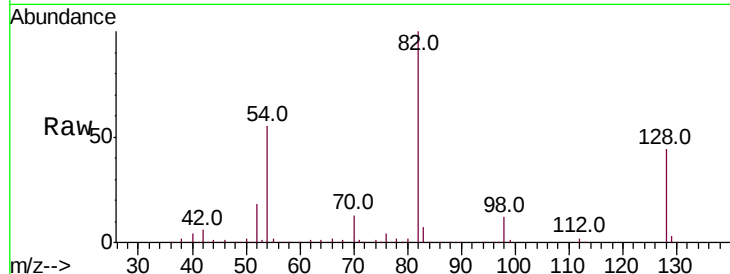




#23
Nitrobenzene-d5
Concen: 98.500 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

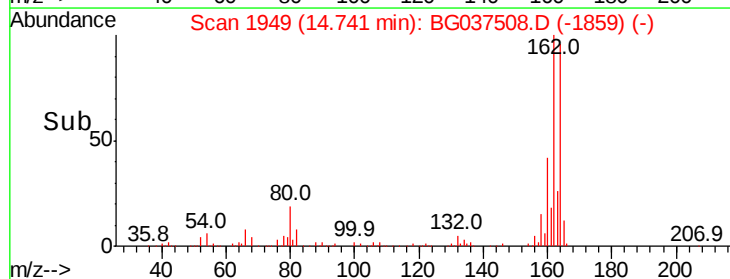
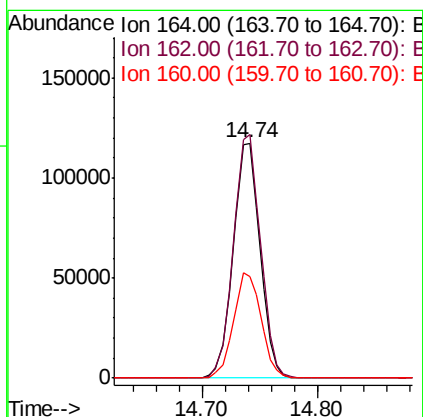
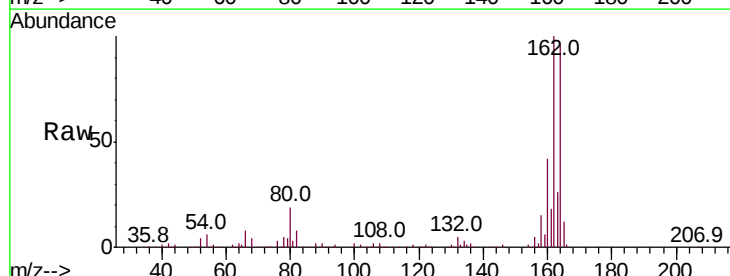
Instrument :
BNA_G
ClientSampleId :

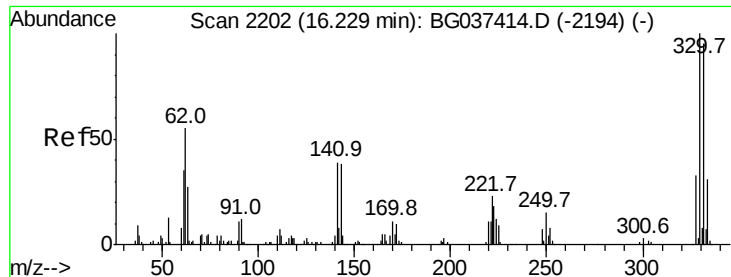
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	55.1	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	43.5	36.3	54.5

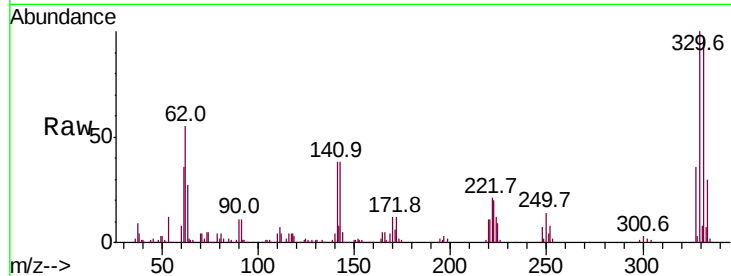




#42
 2,4,6-Tribromophenol
 Concen: 94.350 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	40.6	32.2	48.2

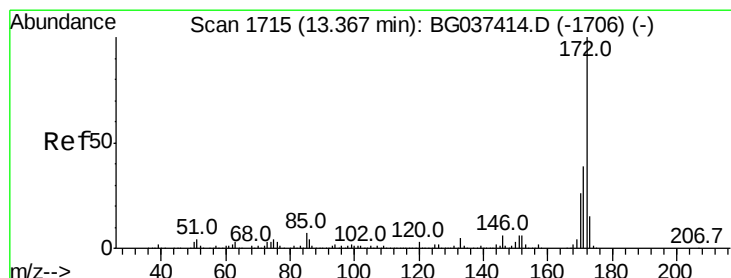
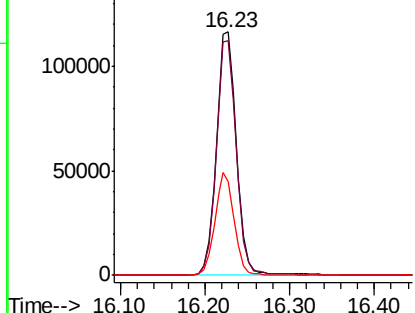
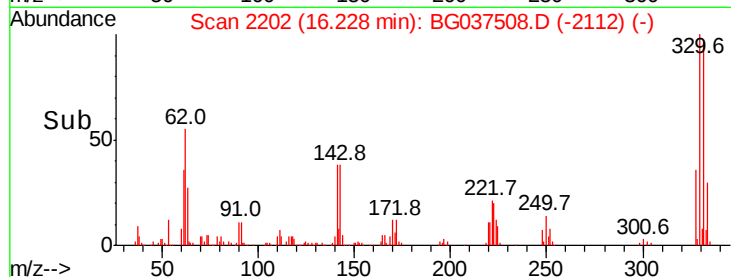


Abundance

Ion 329.80 (329.50 to 330.50): E

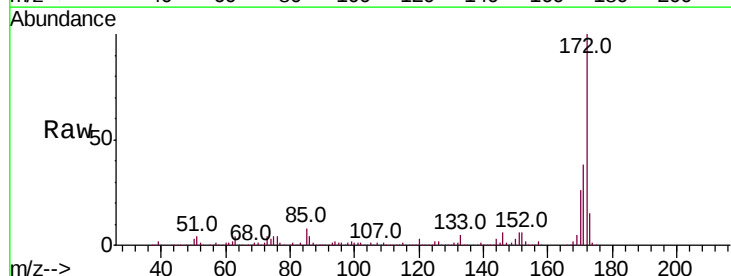
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.731 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.7	20.2	30.2

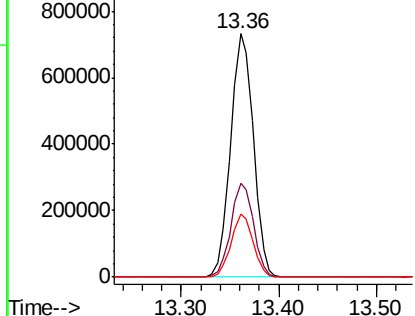
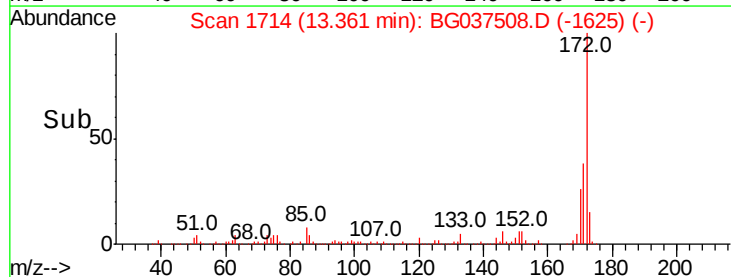


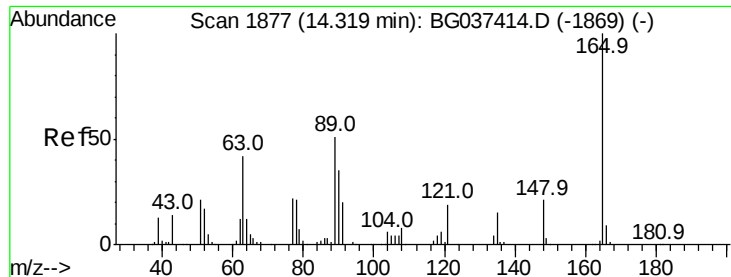
Abundance

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

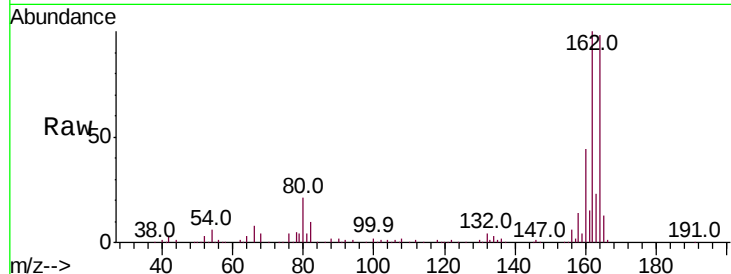




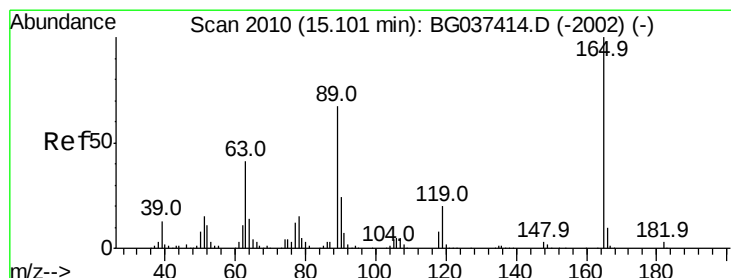
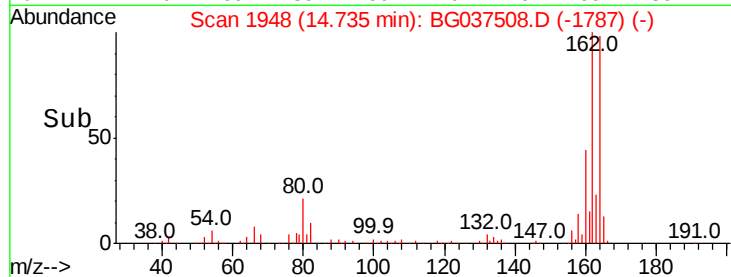
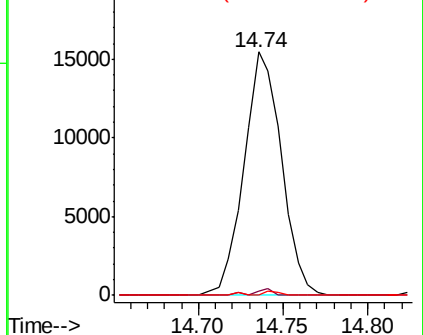
#51
 2,6-Dinitrotoluene
 Concen: 7.378 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	0.0	45.8	68.6#



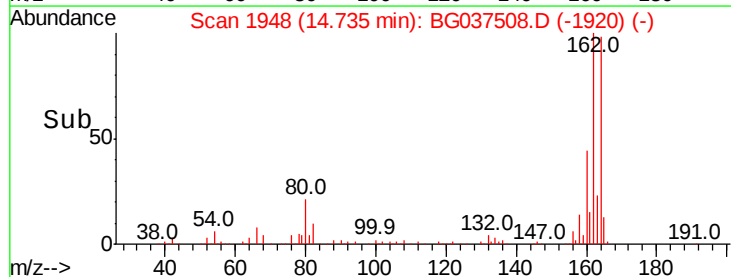
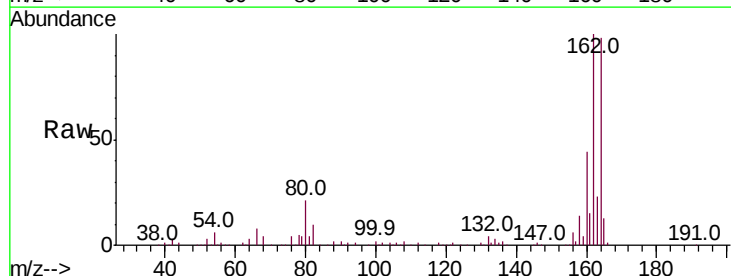
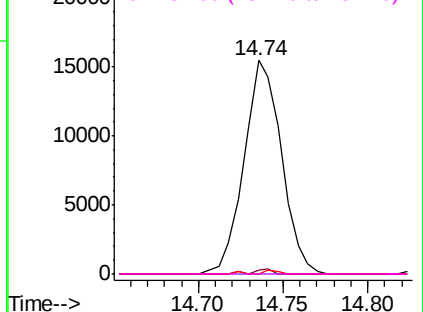
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

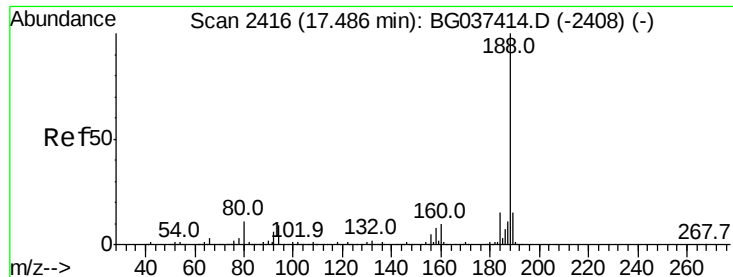


#57
 2,4-Dinitrotoluene
 Concen: 5.621 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	0.0	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

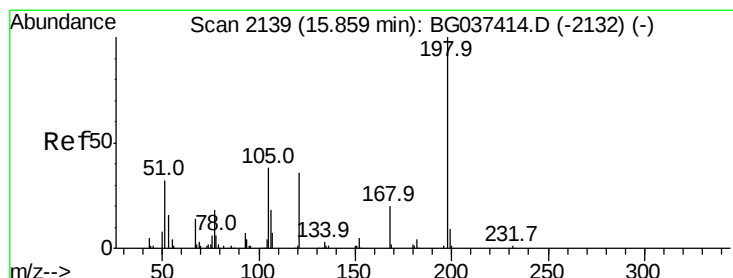
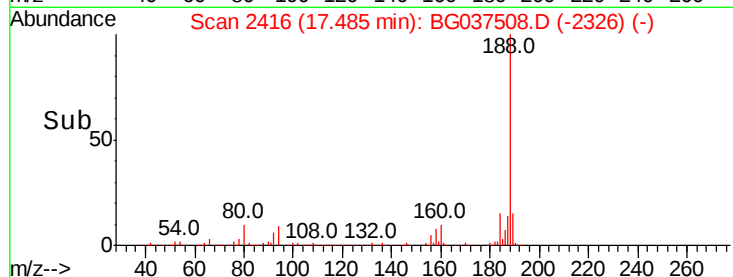
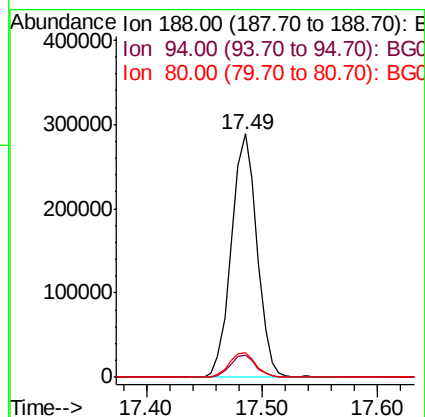
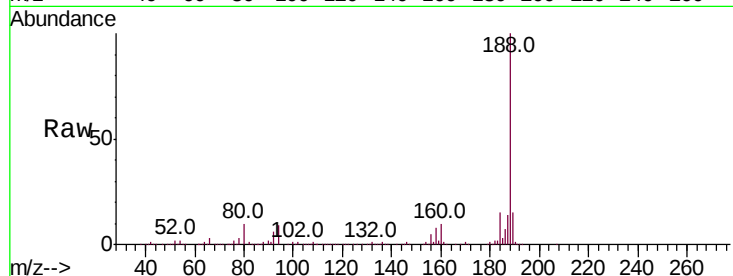




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

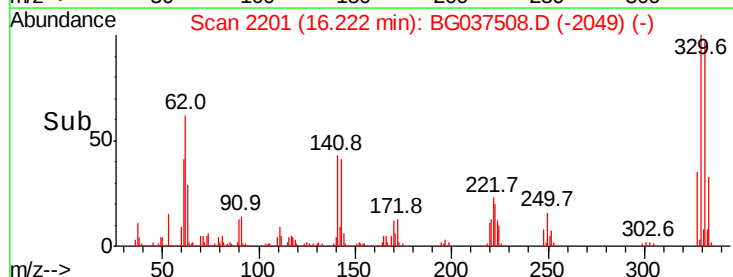
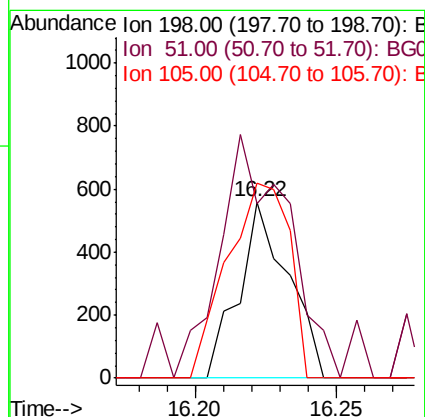
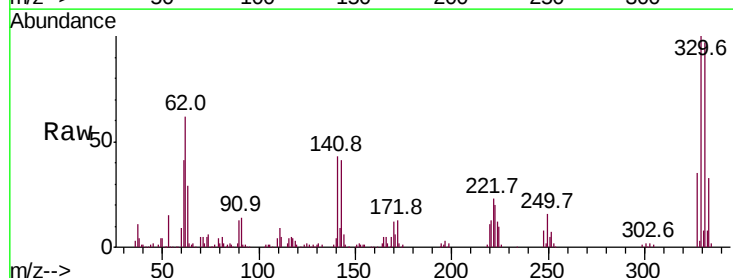
Instrument :
BNA_G
ClientSampleId :

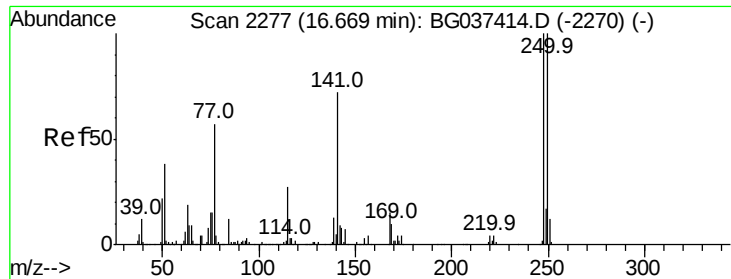
Tot Ion:188 Resp: 444177
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.2 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.747 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037508.D
Acq: 24 Oct 2018 12:53

Tgt Ion:198 Resp: 678
Ion Ratio Lower Upper
198 100
51 98.6 22.7 62.7#
105 110.2 19.7 59.7#

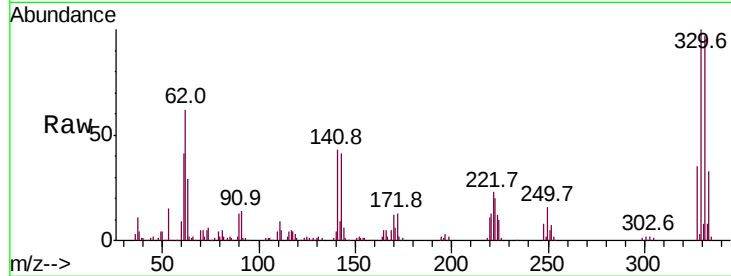




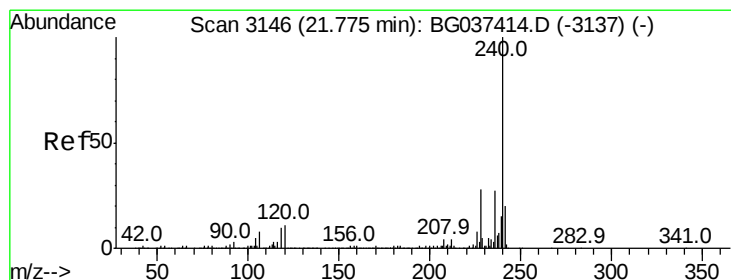
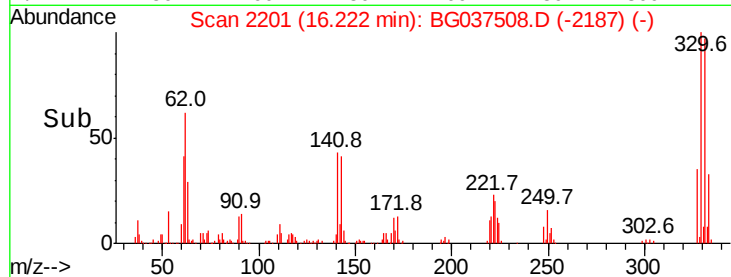
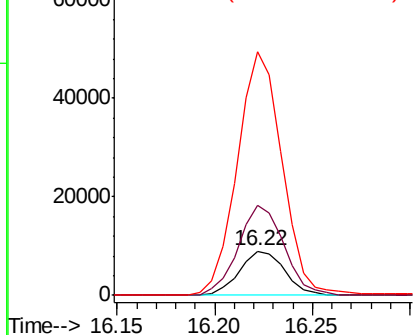
#67
 4-Bromophenyl-phenylether
 Concen: 2.928 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14280
 Ion Ratio Lower Upper
 248 100
 250 204.6 77.0 115.6#
 141 430.2 55.5 83.3#

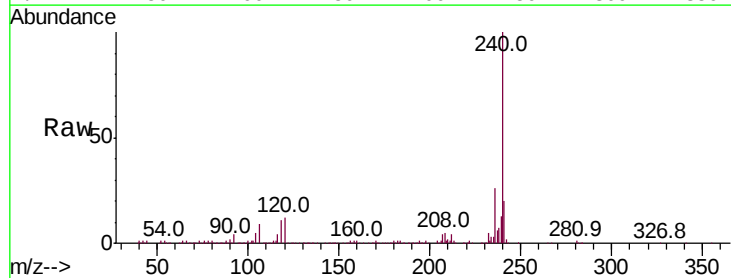


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

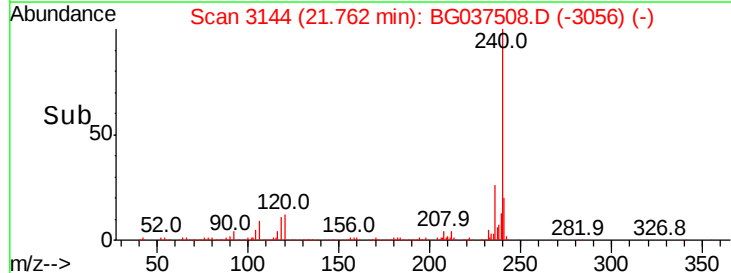
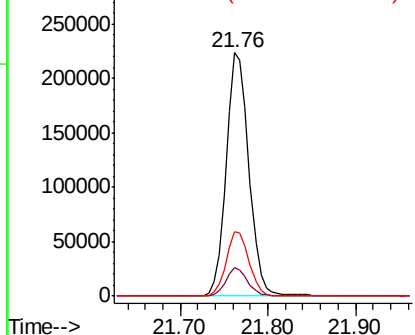


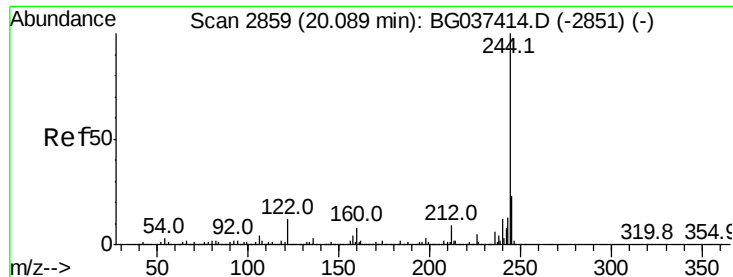
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037508.D
 Acq: 24 Oct 2018 12:53

Tgt Ion:240 Resp: 398181
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.1 12.1
 236 26.4 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: 82.484 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037508.D

Acq: 24 Oct 2018 12:53

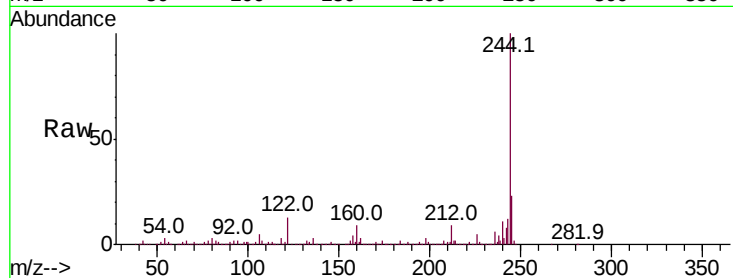
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1537061

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.8	9.0	13.4

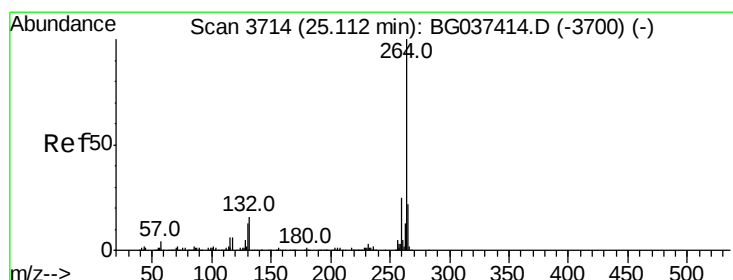
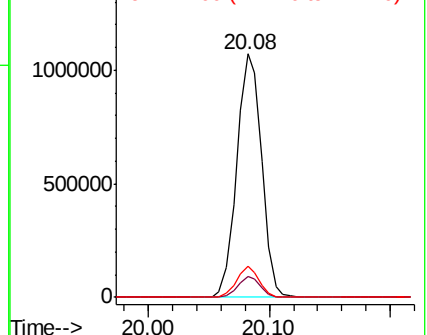
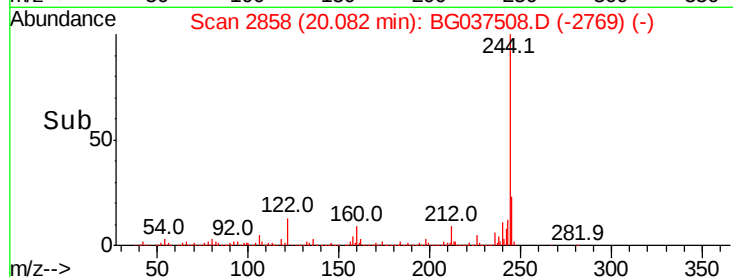


Abundance

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: 25.10 min Scan# 3712

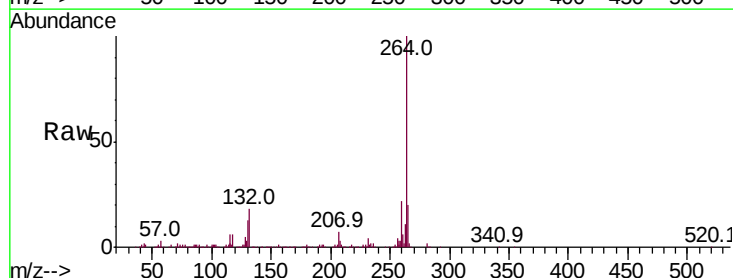
Delta R.T. -0.01 min

Lab File: BG037508.D

Acq: 24 Oct 2018 12:53

Tgt Ion:264 Resp: 400506

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.4	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

