

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037588.D
 Acq On : 26 Oct 2018 19:49
 Operator : JU/SJ
 Sample : J5649-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 03:40:29 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

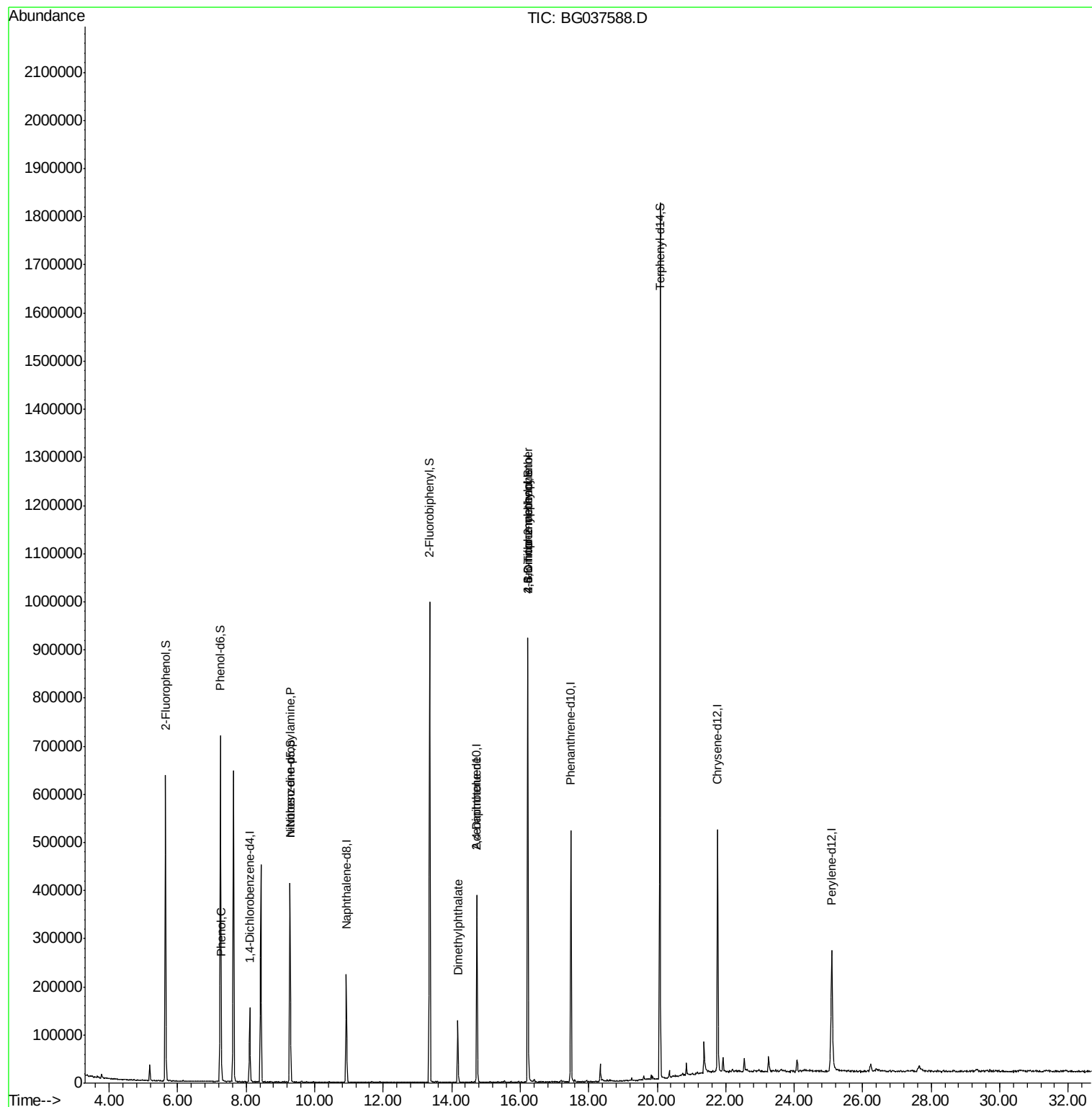
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	46838	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	203482	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	137708	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	342157	20.00	ng	0.00
76) Chrysene-d12	21.76	240	316960	20.00	ng	-0.01
87) Perylene-d12	25.10	264	302715	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	300925	107.41	ng	0.00
7) Phenol-d6	7.24	99	448571	105.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	256904	70.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	162186	107.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	570307	62.45	ng	0.00
79) Terphenyl-d14	20.08	244	899777	60.66	ng	0.00
Target Compounds						
10) Phenol	7.27	94	41575	9.301	ng	99
19) n-Nitroso-di-n-propylamine	9.28	70	31442	10.778	ng	# 70
50) Dimethylphthalate	14.18	163	92409	8.674	ng	98
57) 2,4-Dinitrotoluene	14.73	165	17278	5.585	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	354	8.670	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	12226	3.254	ng	# 1

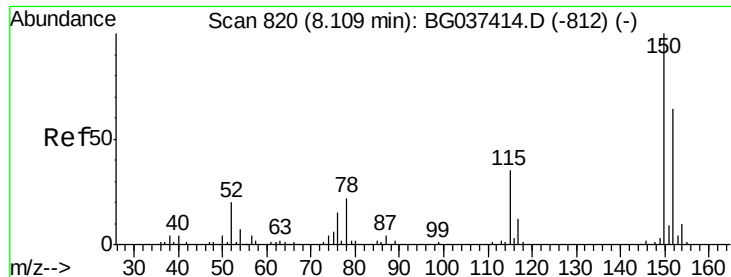
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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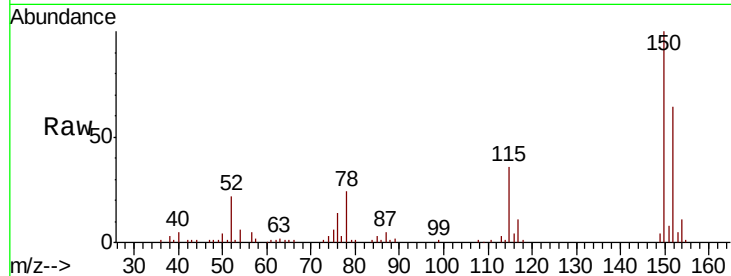


#1

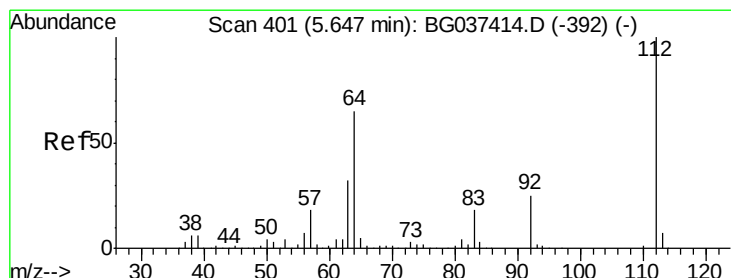
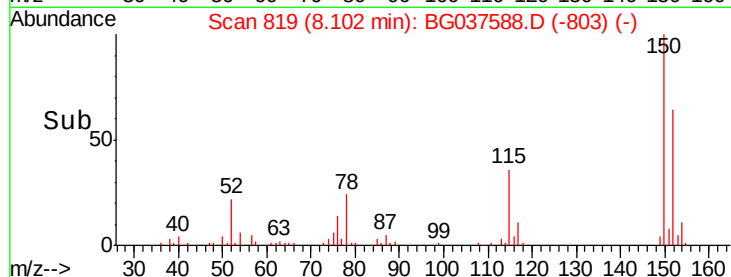
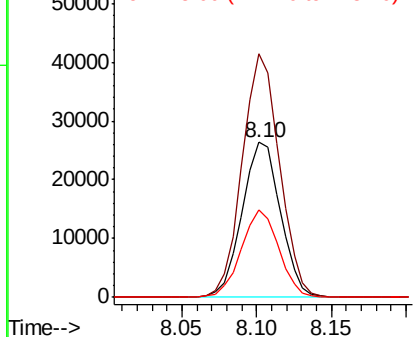
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46838
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 56.6 45.5 68.3



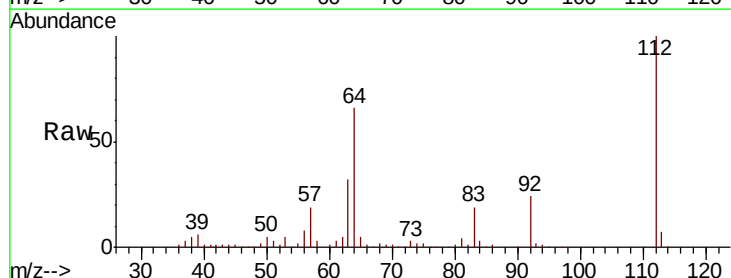
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



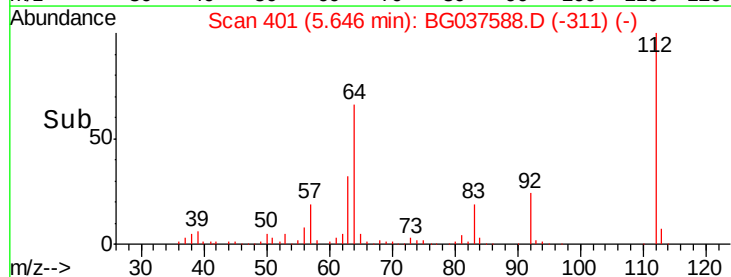
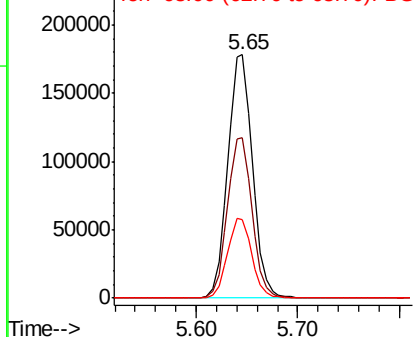
#5

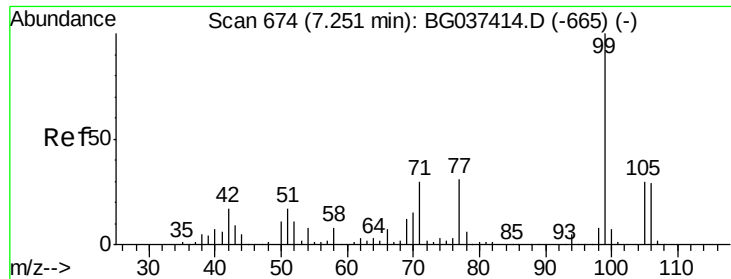
2-Fluorophenol
Concen: 107.413 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Tgt Ion:112 Resp: 300925
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 32.4 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: 105.887 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

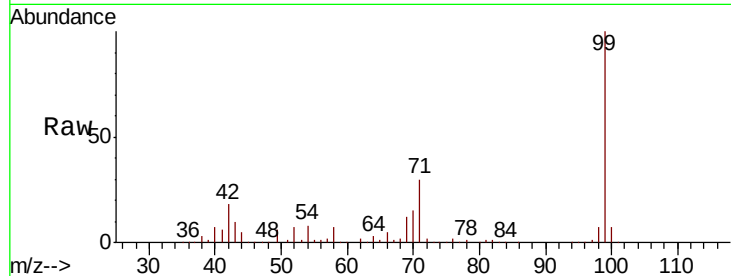
Tot Ion: 99 Resp: 448571

Ion Ratio Lower Upper

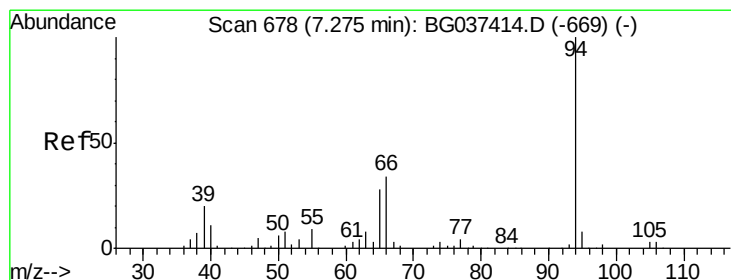
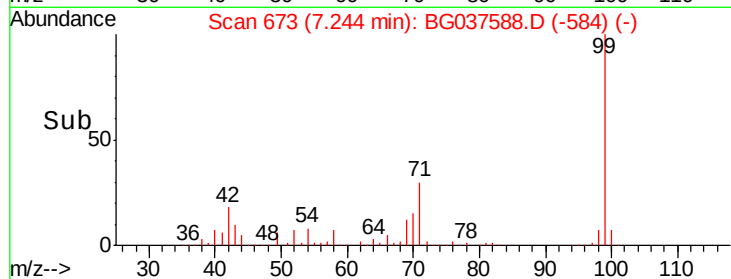
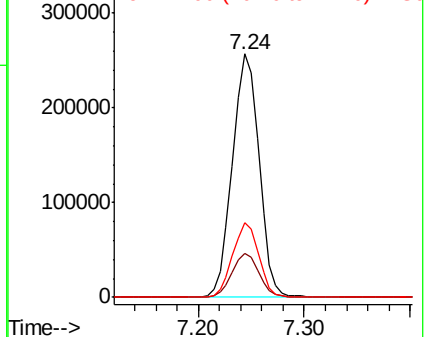
99 100

42 17.8 15.0 22.4

71 30.5 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: 9.301 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

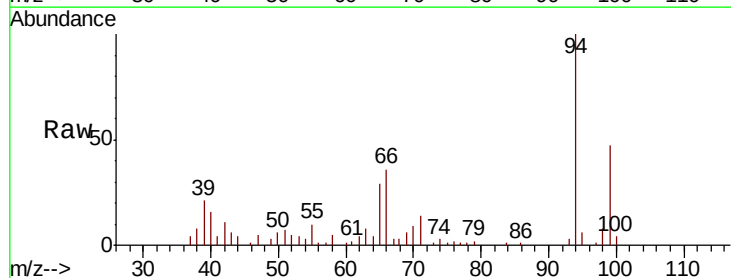
Tgt Ion: 94 Resp: 41575

Ion Ratio Lower Upper

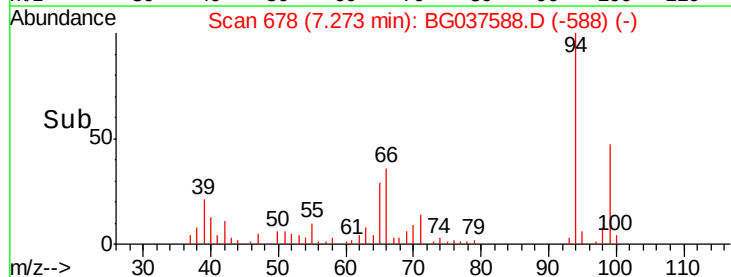
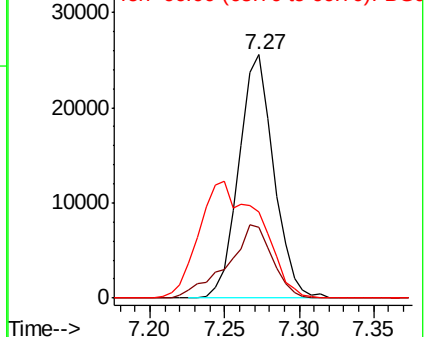
94 100

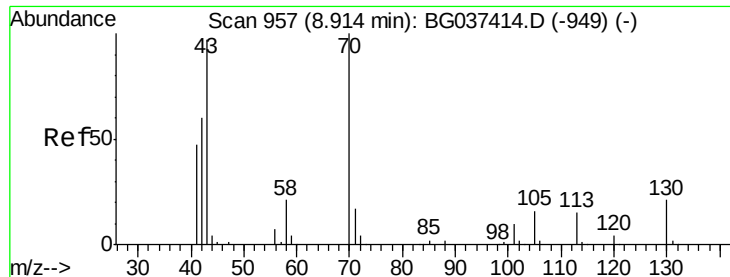
65 29.2 9.7 49.7

66 35.6 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

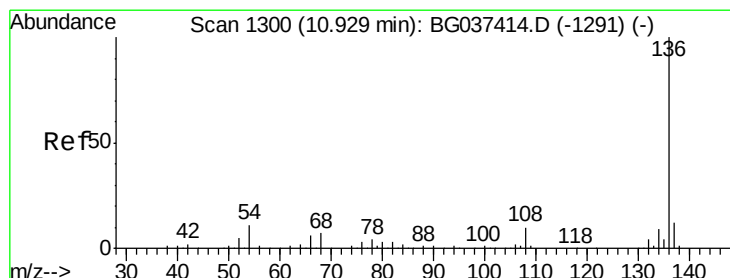
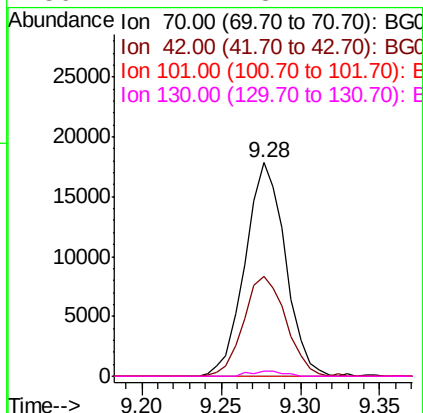
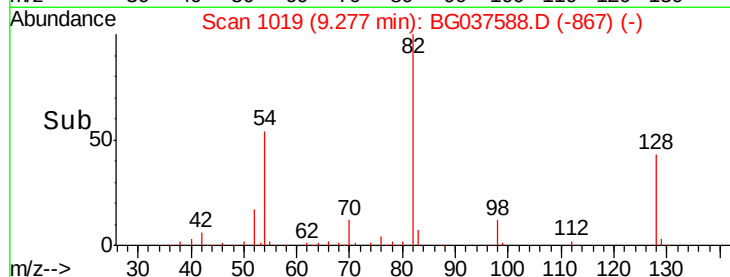
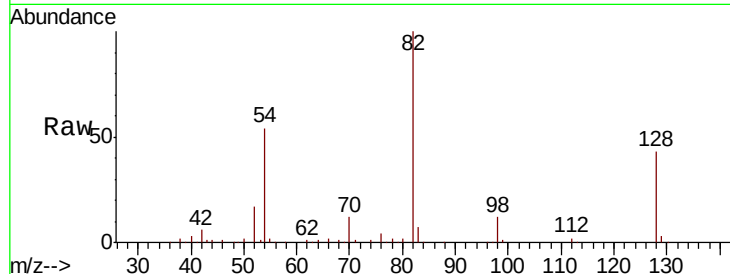




#19
n-Nitroso-di-n-propylamine
Concen: 10.778 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

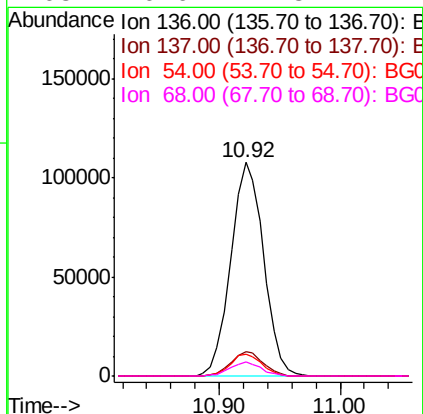
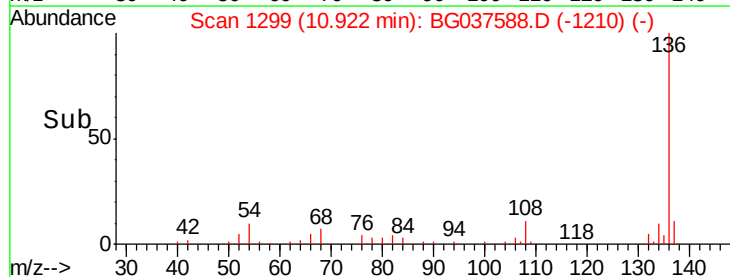
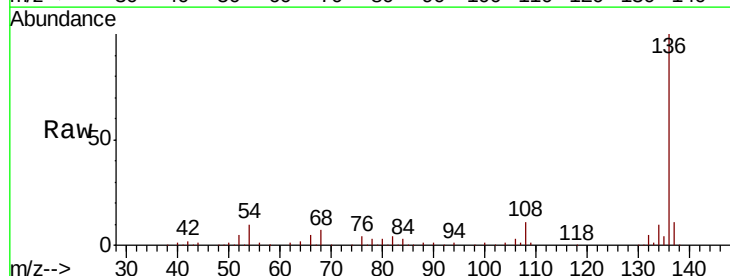
Instrument :
BNA_G
ClientSampled :

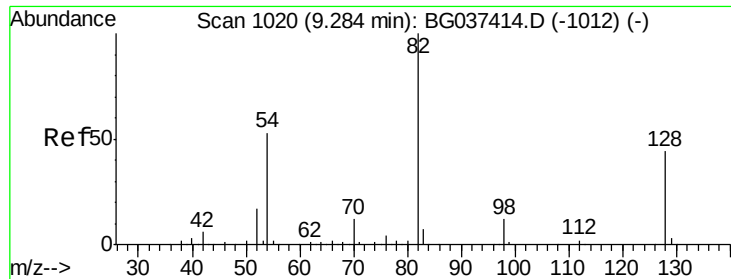
Tot Ion: 70 Resp: 31442
Ion Ratio Lower Upper
70 100
42 46.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037588.D
Acq: 26 Oct 2018 19:49

Tgt Ion: 136 Resp: 203482
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.5 7.9 11.9
68 6.6 4.8 7.2

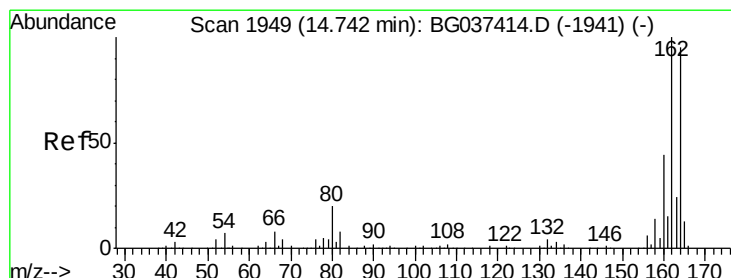
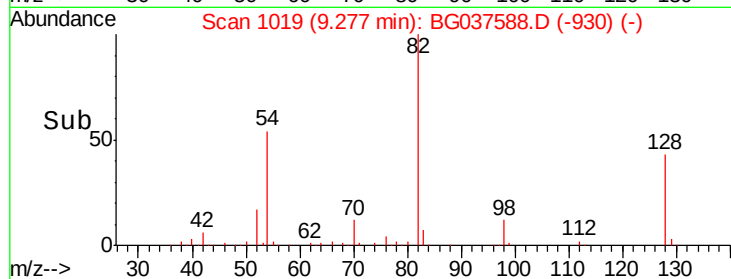
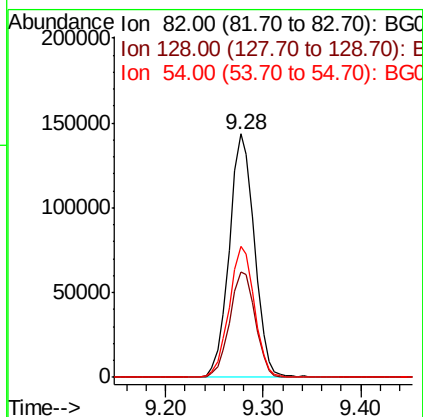
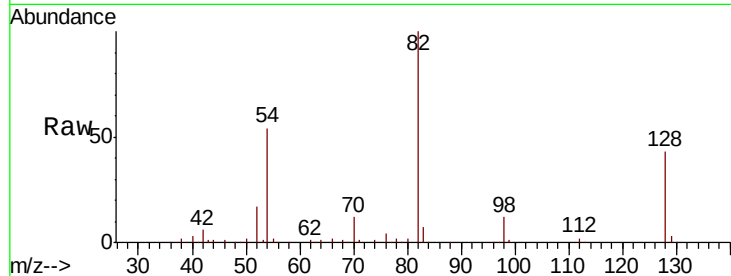




#23
 Nitrobenzene-d5
 Concen: 70.726 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037588.D
 Acq: 26 Oct 2018 19:49

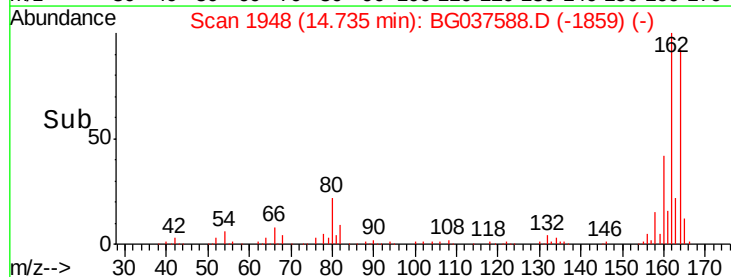
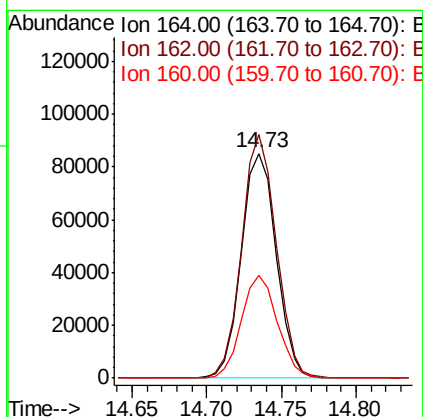
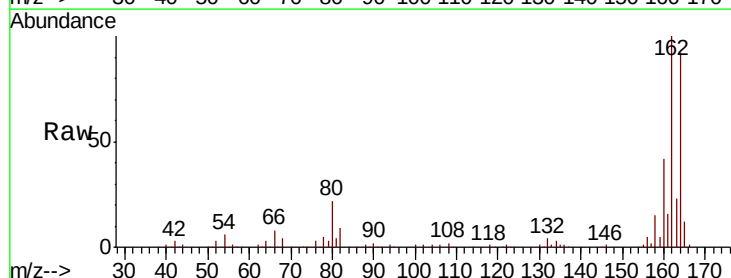
Instrument :
 BNA_G
 ClientSampleID :

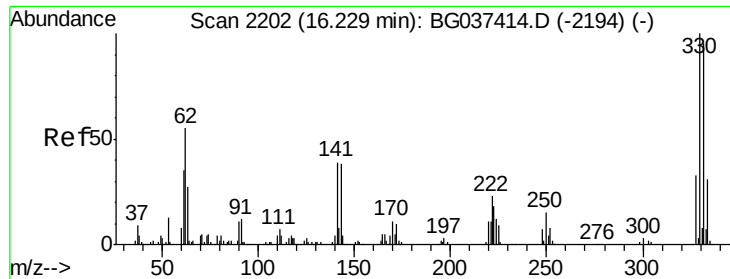
Tot Ion	82	Resp	256904
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.6	51.8
54	53.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037588.D
 Acq: 26 Oct 2018 19:49

Tgt Ion	164	Resp	137708
Ion Ratio	Lower	Upper	
164	100		
162	108.4	81.3	121.9
160	45.7	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 107.982 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

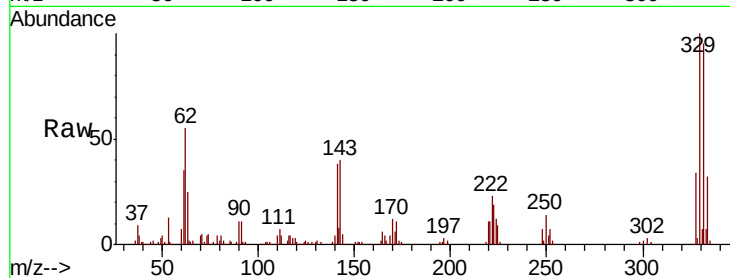
Tot Ion:330 Resp: 162186

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

141 40.3 32.2 48.2

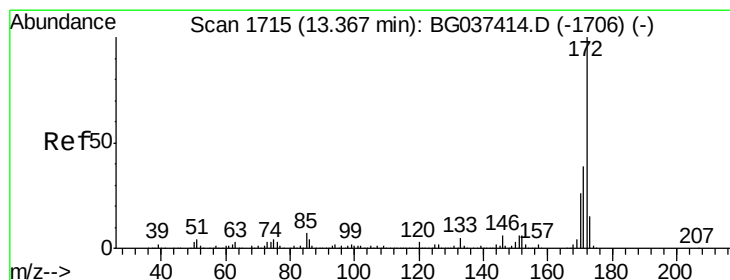
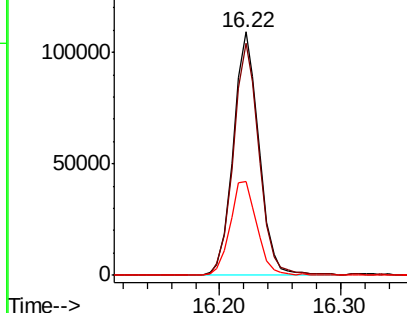
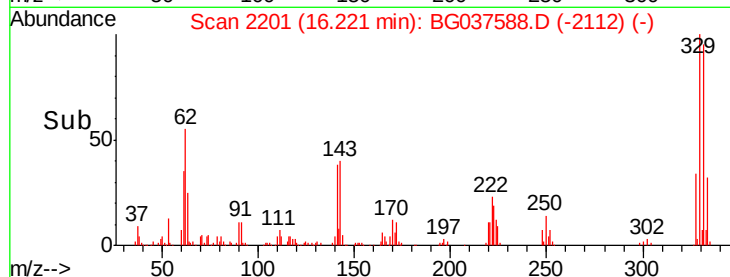


Abundance

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: 62.450 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

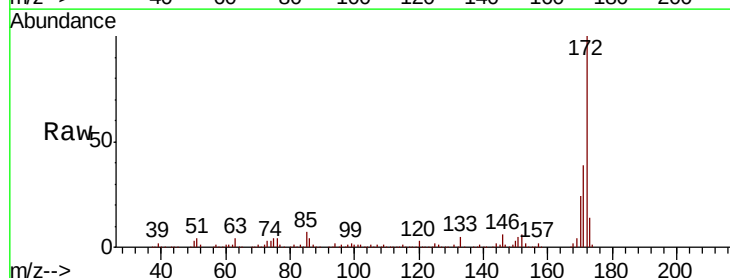
Tgt Ion:172 Resp: 570307

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

170 23.9 20.2 30.2

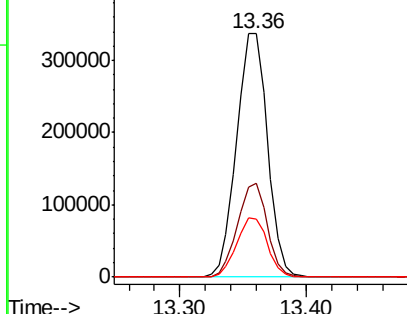
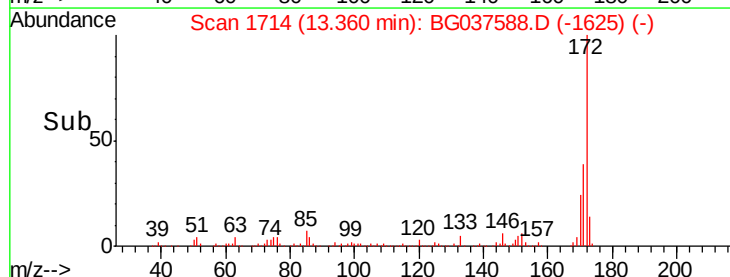


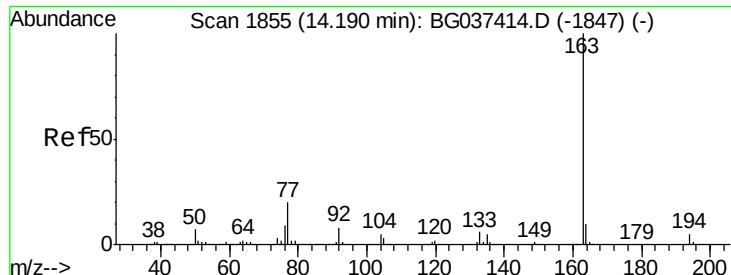
Abundance

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: 8.674 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampleId :

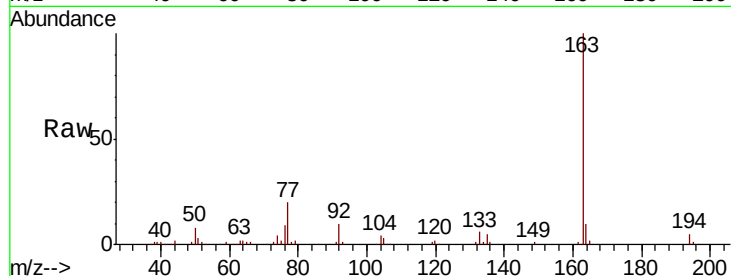
Tot Ion:163 Resp: 92409

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

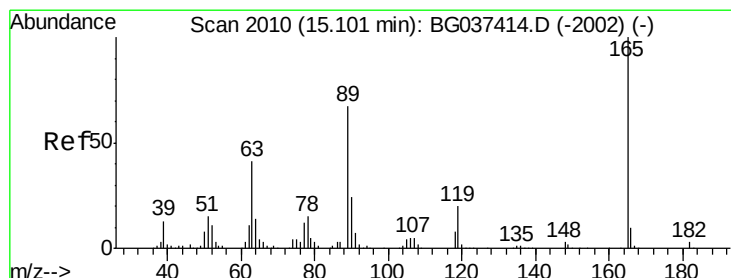
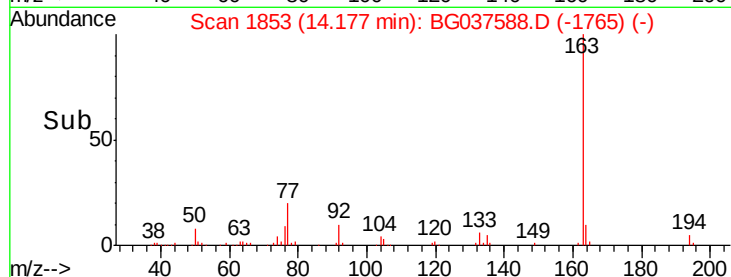
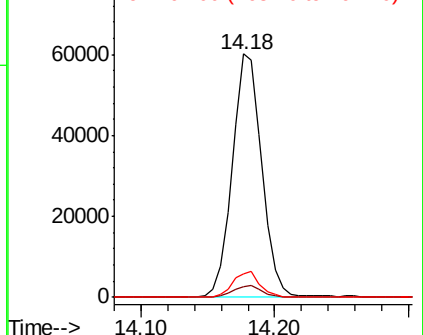
164 9.8 8.5 12.7



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: 5.585 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Tgt Ion:165 Resp: 17278

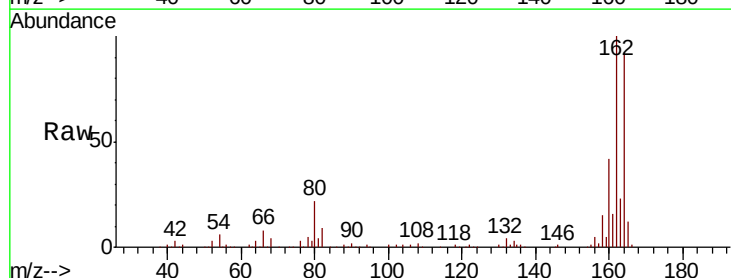
Ion Ratio Lower Upper

165 100

63 2.7 33.4 50.0#

89 1.5 57.2 85.8#

182 0.0 2.6 4.0#

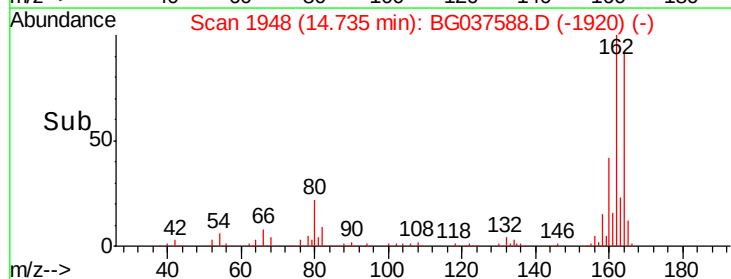
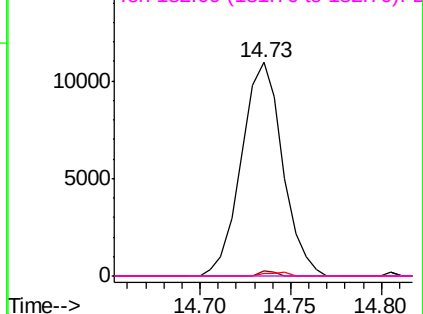


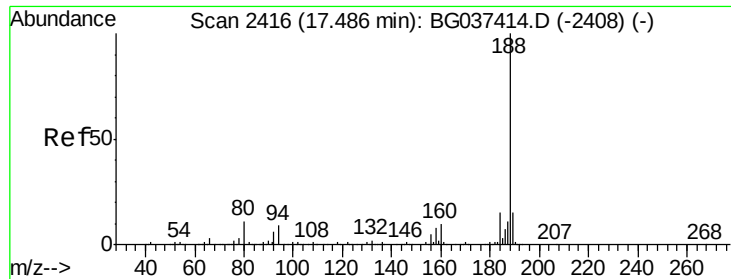
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037588.D

Acq: 26 Oct 2018 19:49

Instrument :

BNA_G

ClientSampled :

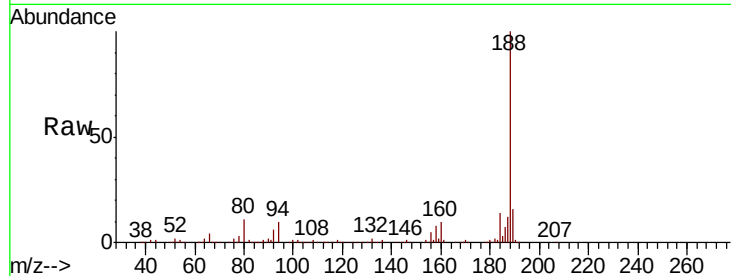
Tot Ion:188 Resp: 342157

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

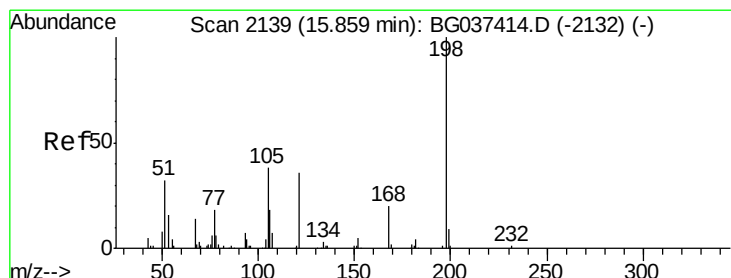
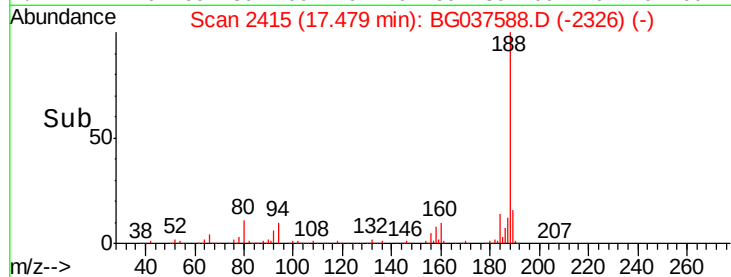
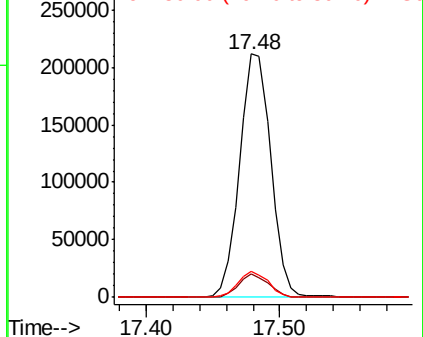
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.670 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

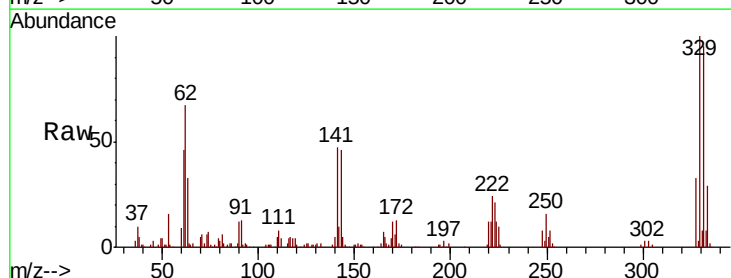
Tgt Ion:198 Resp: 354

Ion Ratio Lower Upper

198 100

51 137.1 22.7 62.7#

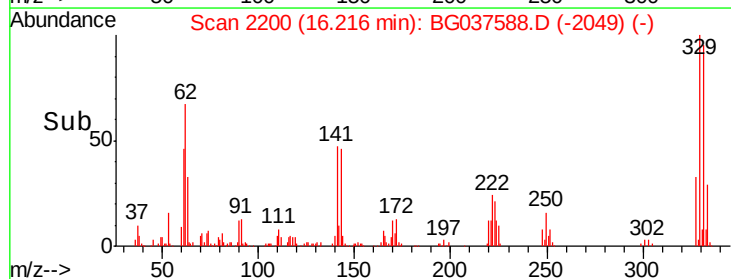
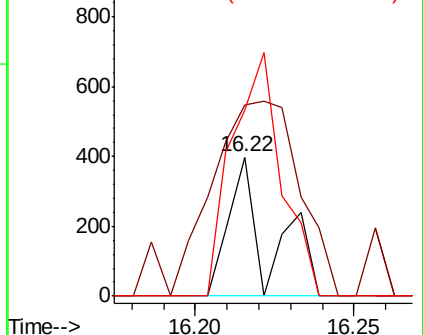
105 133.3 19.7 59.7#

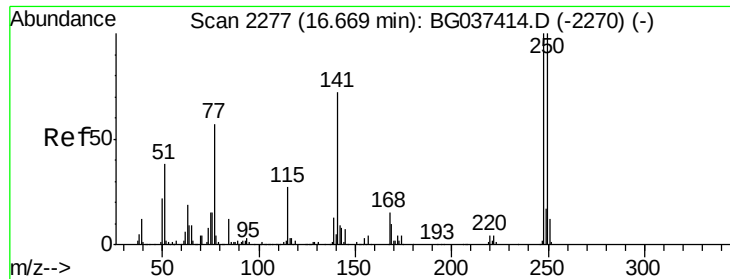


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

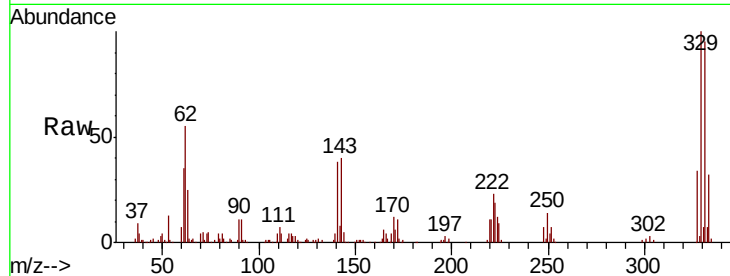




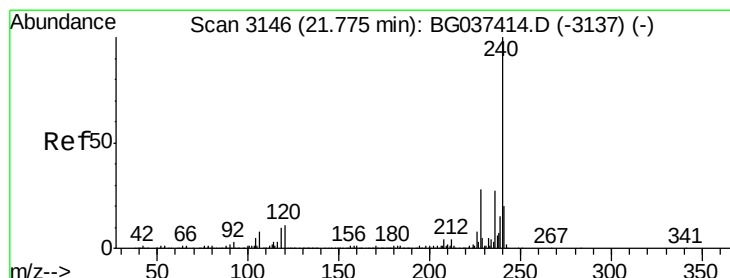
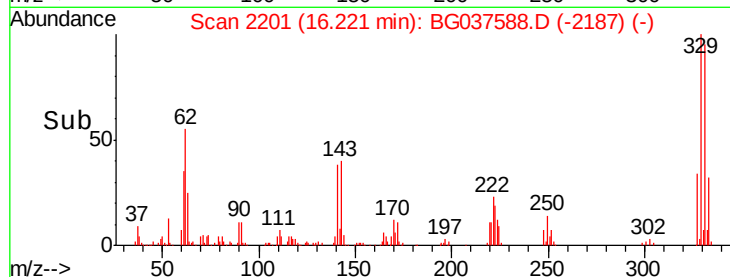
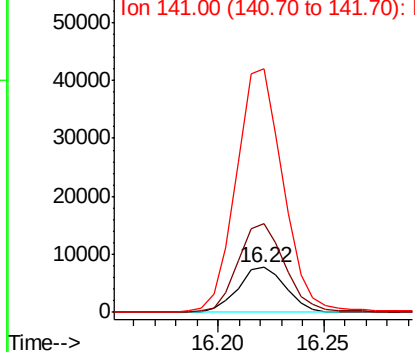
#67
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037588.D
 Acq: 26 Oct 2018 19:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12226
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.0 115.6#
 141 413.3 55.5 83.3#

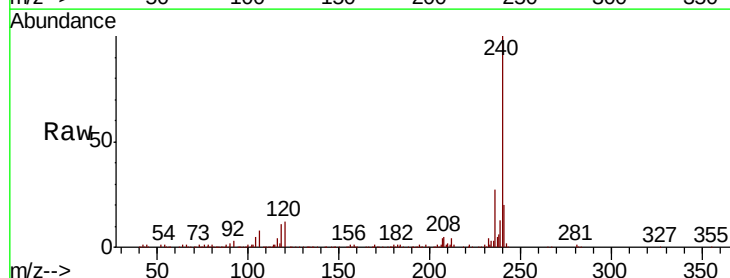


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

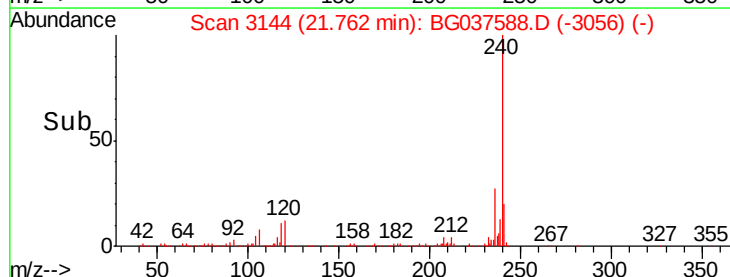
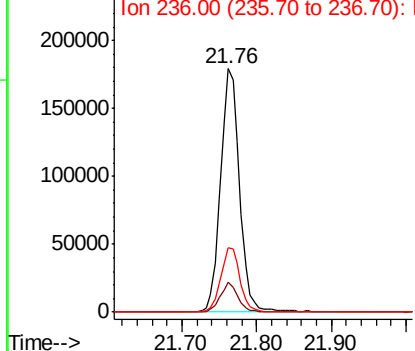


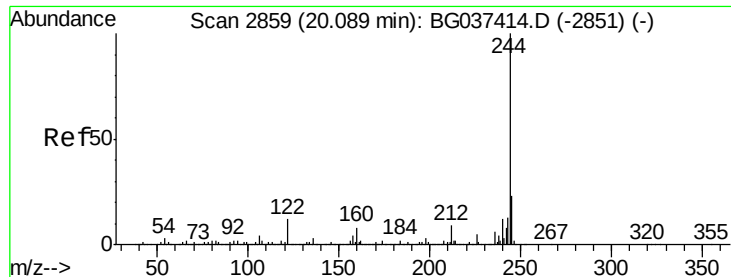
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037588.D
 Acq: 26 Oct 2018 19:49

Tgt Ion:240 Resp: 316960
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.1 12.1
 236 26.6 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: 60.658 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

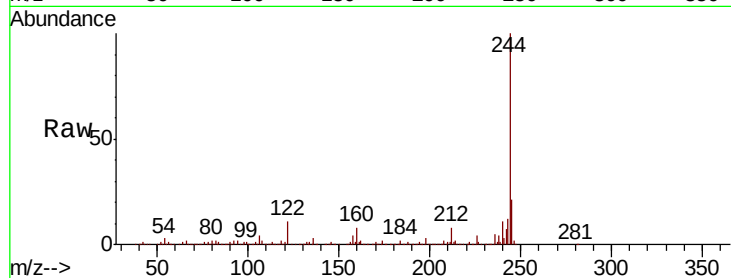
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 899777

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	11.0	9.0	13.4

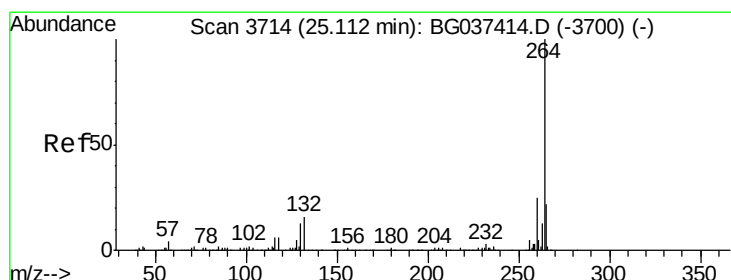
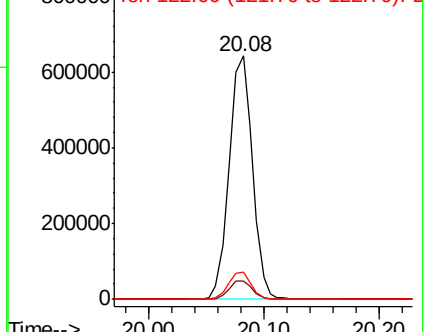
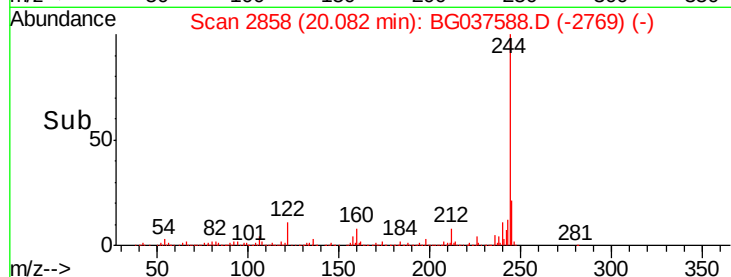


Abundance

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: 25.10 min Scan# 3712

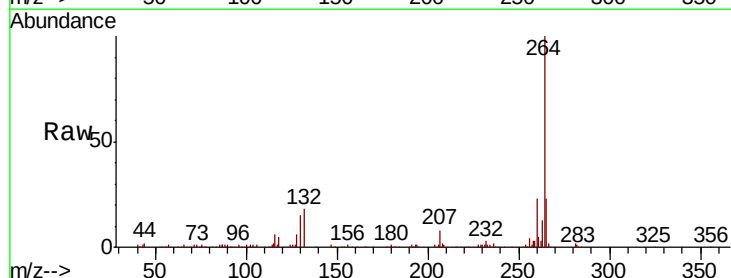
Delta R.T. -0.01 min

Lab File: BG037588.D

Acq: 26 Oct 2018 19:49

Tgt Ion:264 Resp: 302715

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.8	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

