

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037503.D
 Acq On : 24 Oct 2018 9:37
 Operator : JU/SJ
 Sample : J5604-08RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 10:38:16 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

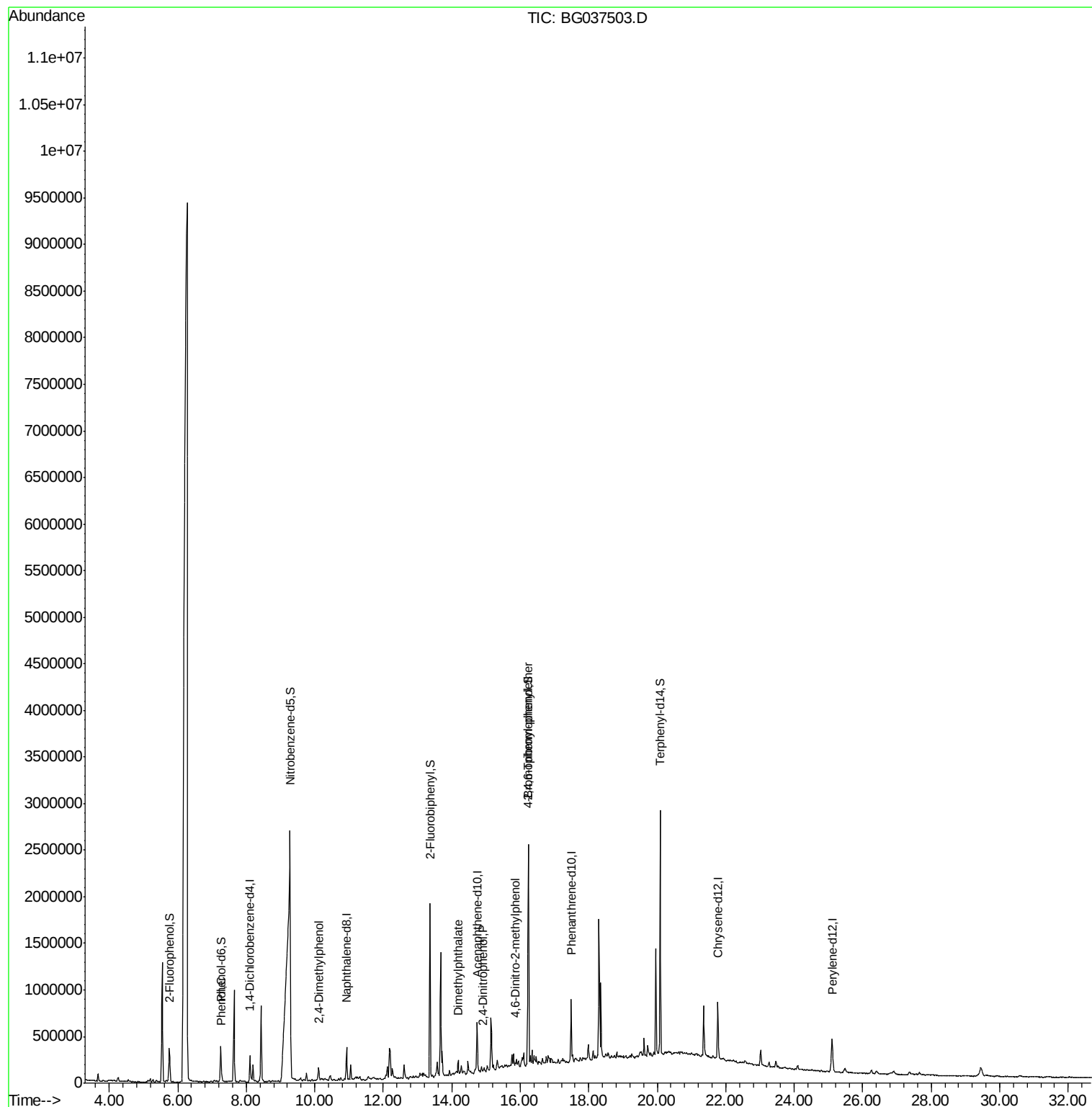
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	72167	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	317326	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197364	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	421120	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374502	20.00	ng	0.00
87) Perylene-d12	25.11	264	391390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	247899	57.43	ng	0.11
7) Phenol-d6	7.25	99	226153	34.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	417449	73.69	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242436	112.62	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	992376	75.82	ng	0.00
79) Terphenyl-d14	20.09	244	1216335	69.40	ng	0.00
Target Compounds						
10) Phenol	7.28	94	42922	6.232	ng	98
27) 2,4-Dimethylphenol	10.11	122	43450	9.180	ng	95
50) Dimethylphthalate	14.19	163	91704	6.006	ng	98
54) 2,4-Dinitrophenol	14.91	184	58	6.180	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.84	198	61	8.530	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	18332	3.964	ng	# 1

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

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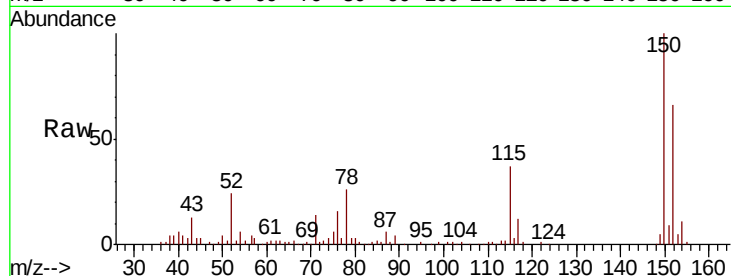




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG037503.D
 Acq: 24 Oct 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.0	189.0
115	56.5	45.5	68.3

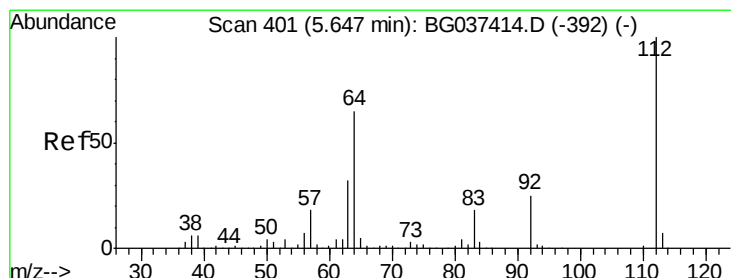
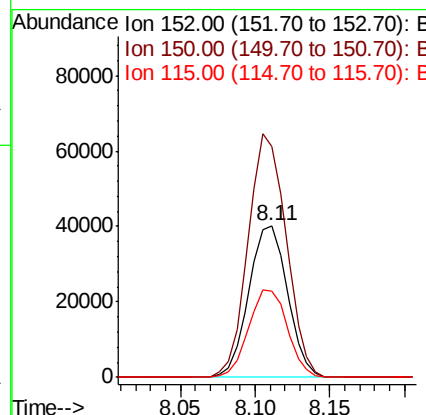
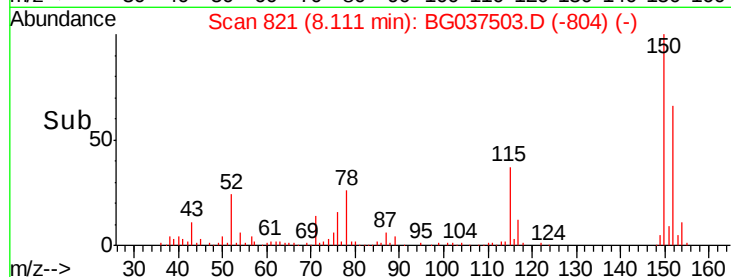


Abundance

Ion 152.00 (151.70 to 152.70): E

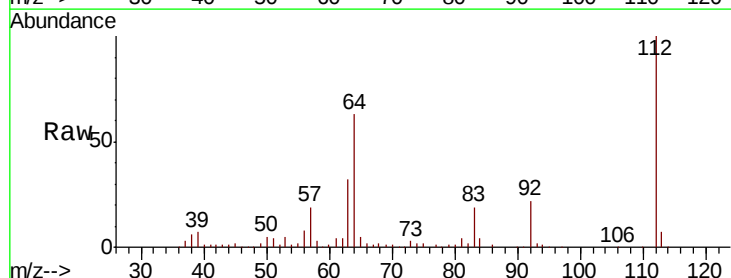
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 57.429 ng
 RT: 5.75 min Scan# 420
 Delta R.T. 0.11 min
 Lab File: BG037503.D
 Acq: 24 Oct 2018 9:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.1	79.7
63	31.8	27.3	40.9

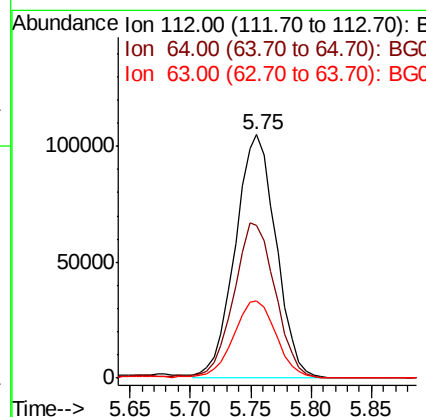
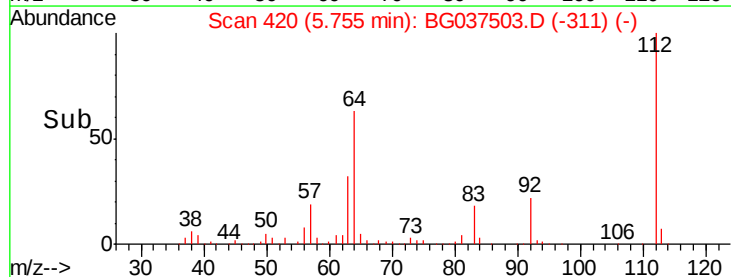


Abundance

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: 34.648 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

Instrument :

BNA_G

ClientSampleId :

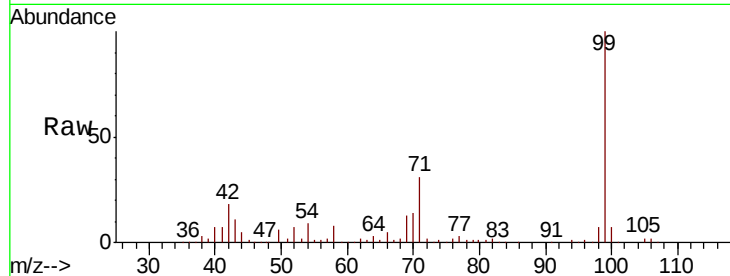
Tot Ion: 99 Resp: 226153

Ion Ratio Lower Upper

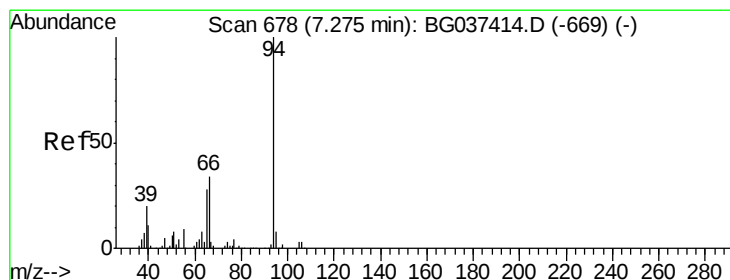
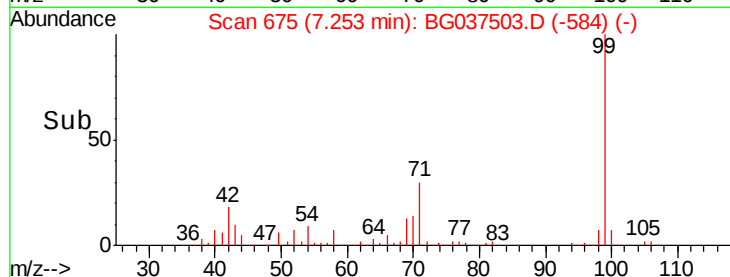
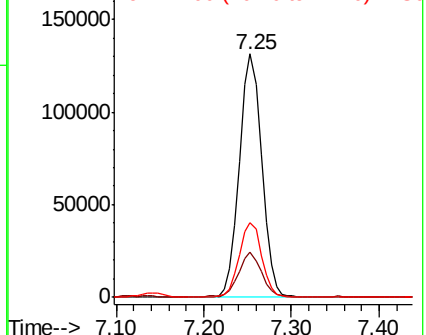
99 100

42 18.4 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: 6.232 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

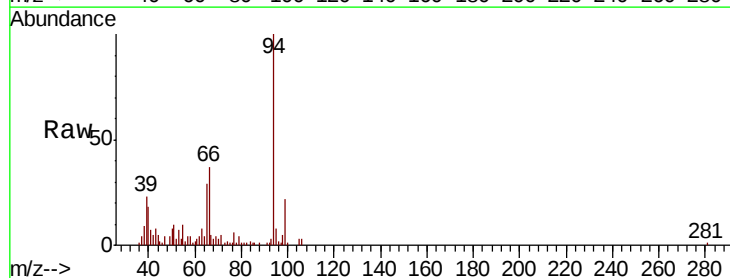
Tgt Ion: 94 Resp: 42922

Ion Ratio Lower Upper

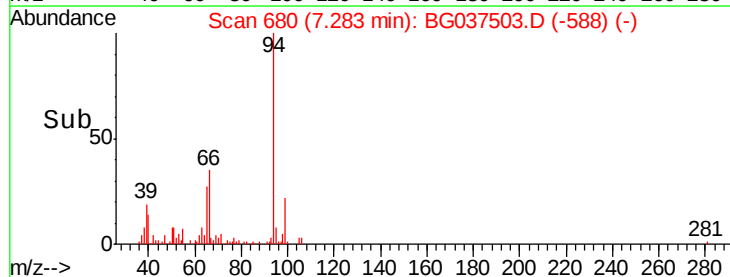
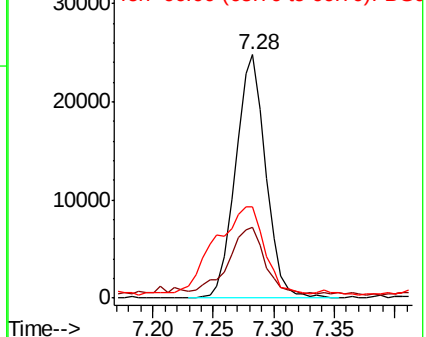
94 100

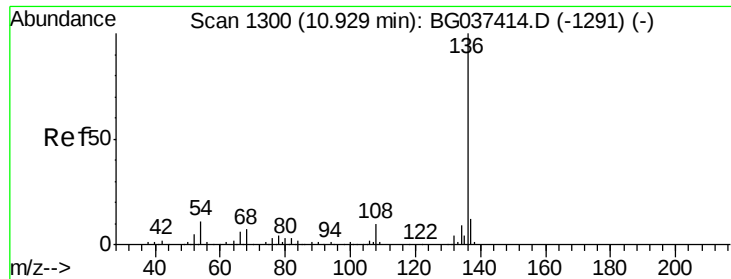
65 29.3 9.7 49.7

66 37.4 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

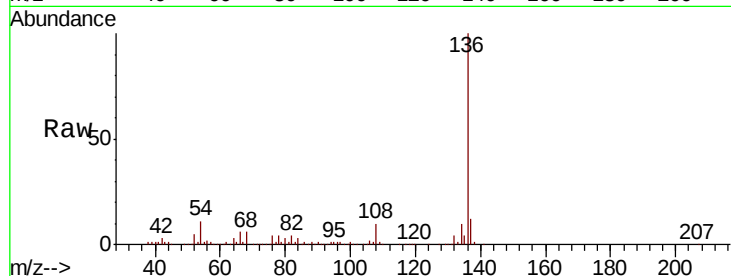




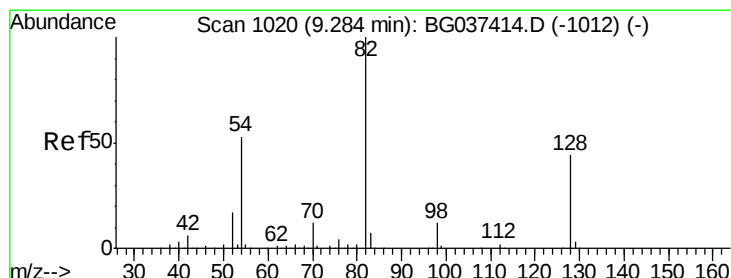
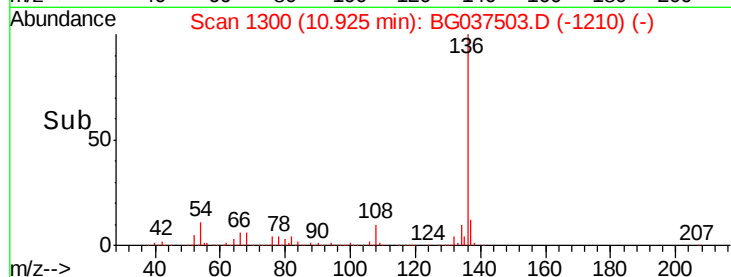
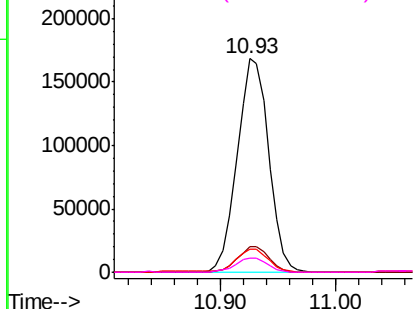
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	317326
Ion Ratio	Lower	Upper
136 100		
137 11.8	9.6	14.4
54 10.5	7.9	11.9
68 6.4	4.8	7.2

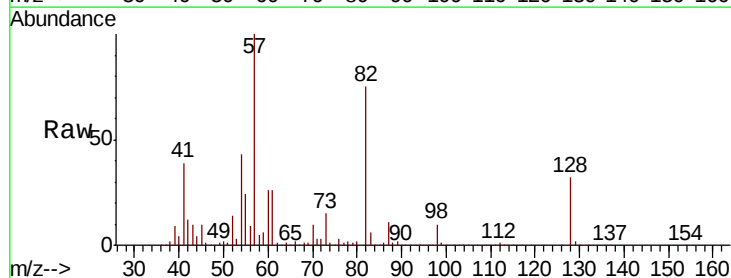


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

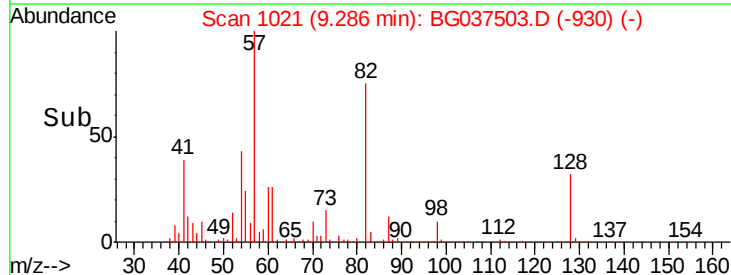
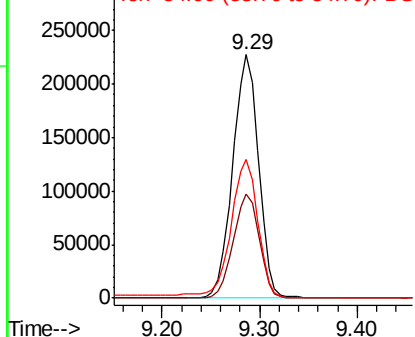


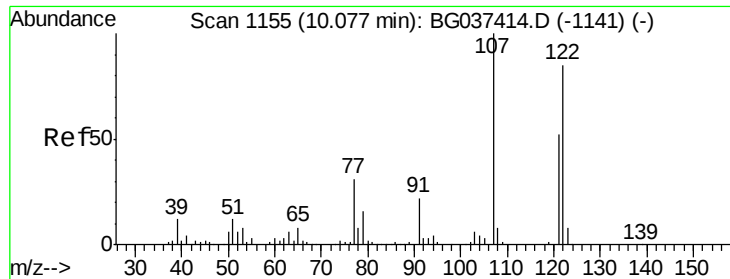
#23
Nitrobenzene-d5
Concen: 73.694 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion: 82	Resp: 417449
Ion Ratio	Lower Upper
82 100	
128 42.7	34.6 51.8
54 57.2	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

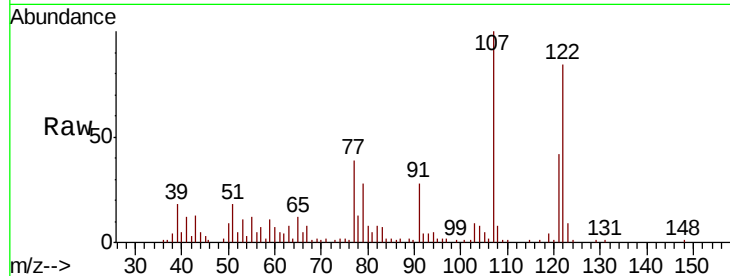




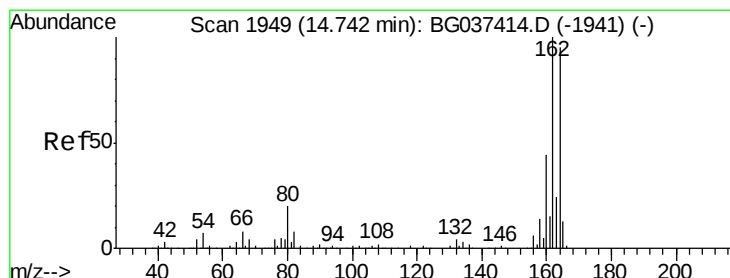
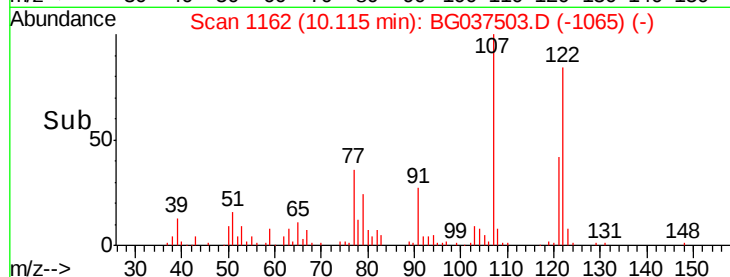
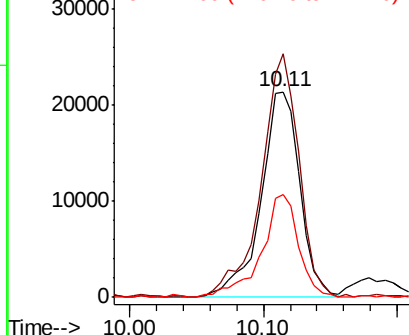
#27
 2,4-Dimethylphenol
 Concen: 9.180 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.04 min
 Lab File: BG037503.D
 Acq: 24 Oct 2018 9:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 43450
 Ion Ratio Lower Upper
 122 100
 107 118.6 94.2 141.2
 121 49.9 47.3 70.9

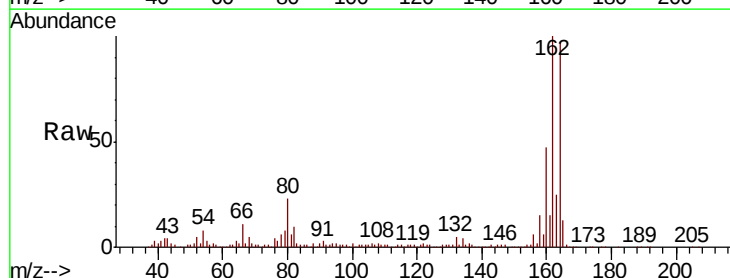


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

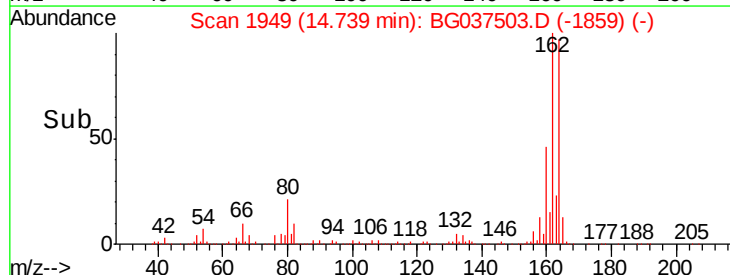
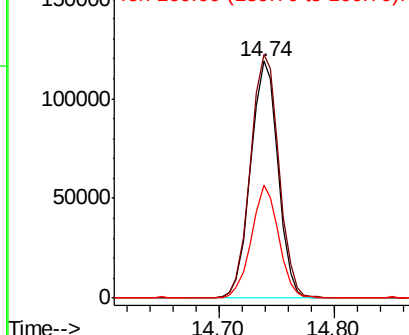


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037503.D
 Acq: 24 Oct 2018 9:37

Tgt Ion:164 Resp: 197364
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.3 121.9
 160 47.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 112.623 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

Instrument :

BNA_G

ClientSampleId :

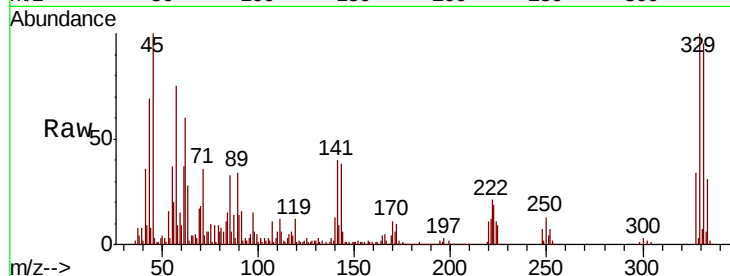
Tot Ion:330 Resp: 242436

Ion Ratio Lower Upper

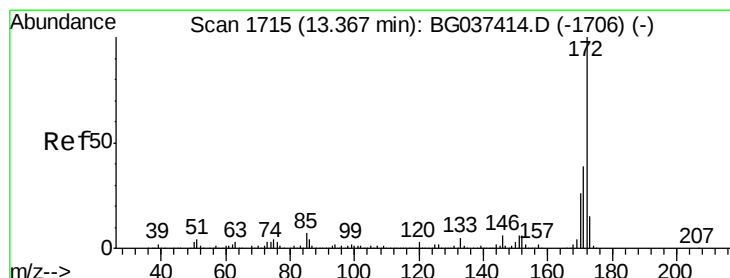
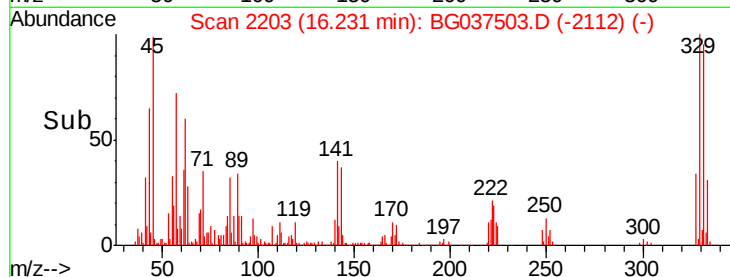
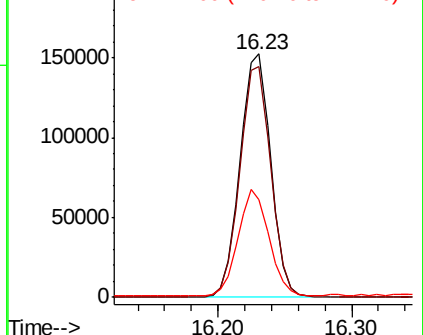
330 100

332 95.5 78.4 117.6

141 44.2 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: 75.822 ng

RT: 13.36 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

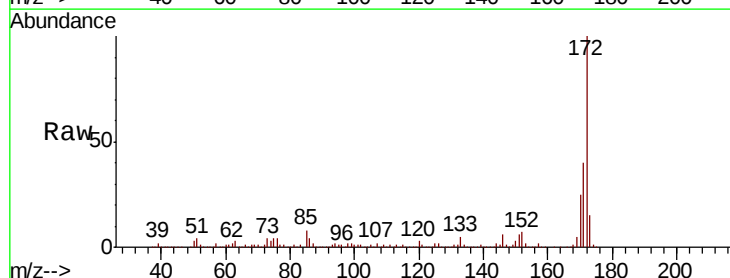
Tgt Ion:172 Resp: 992376

Ion Ratio Lower Upper

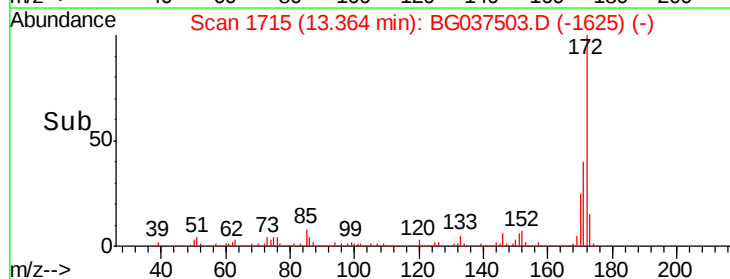
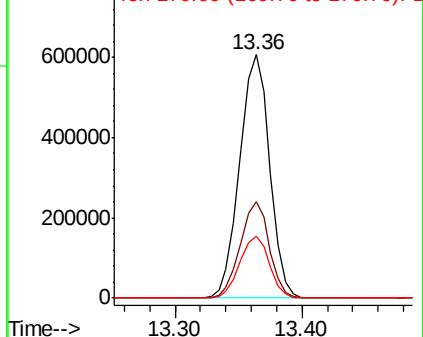
172 100

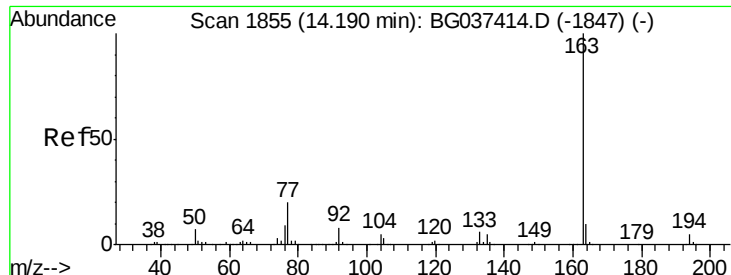
171 39.7 31.0 46.4

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





#50

Dimethylphthalate

Concen: 6.006 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037503.D

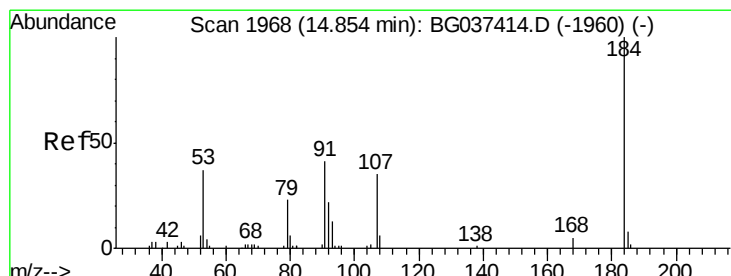
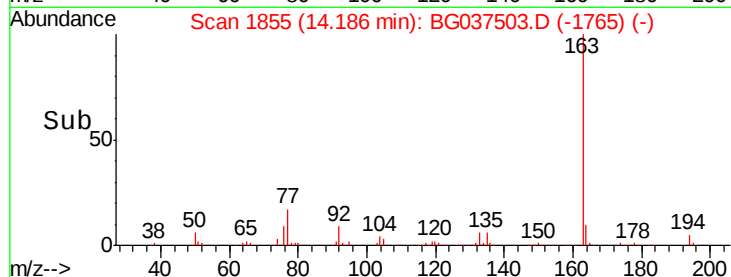
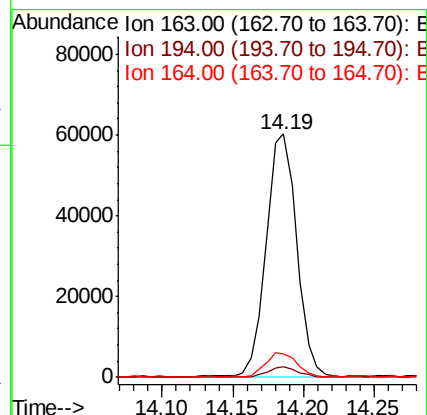
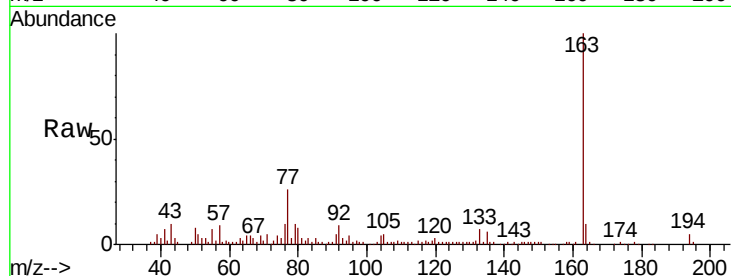
Acq: 24 Oct 2018 9:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	91704
Ion Ratio	Lower	Upper
163	100	
194	4.6	3.5 5.3
164	9.9	8.5 12.7



#54

2,4-Dinitrophenol

Concen: 6.180 ng

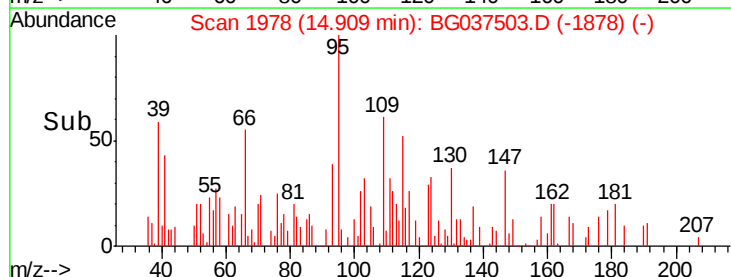
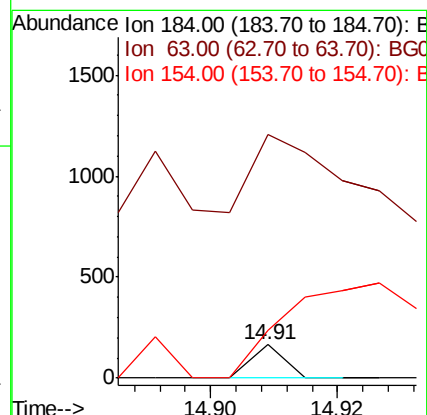
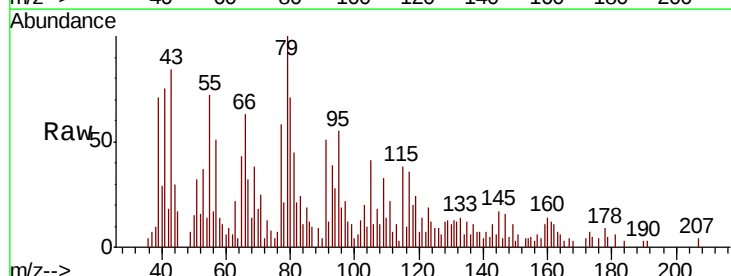
RT: 14.91 min Scan# 1978

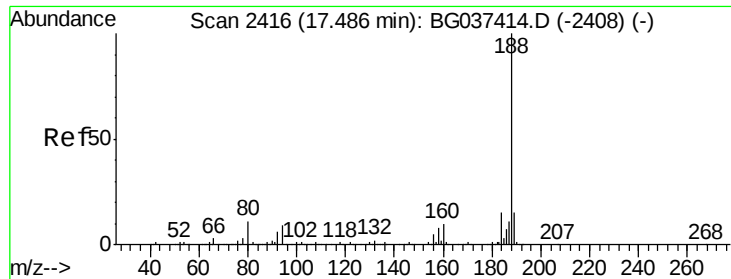
Delta R.T. 0.06 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

Tgt Ion:184	Resp:	58
Ion Ratio	Lower	Upper
184	100	
63	735.4	42.6 63.8#
154	145.1	41.8 62.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

Instrument :

BNA_G

ClientSampleId :

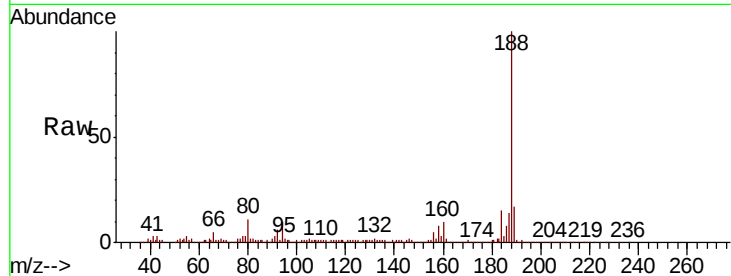
Tot Ion:188 Resp: 421120

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

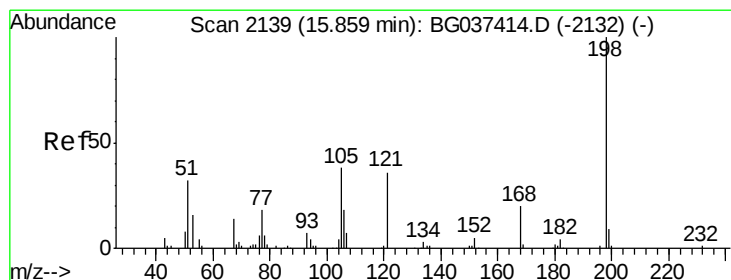
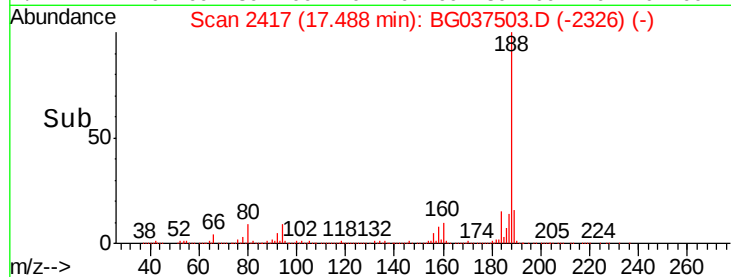
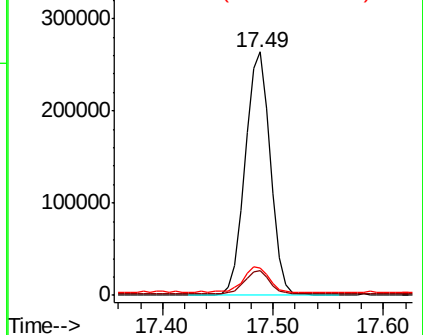
80 11.3 7.7 11.5



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: 8.530 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

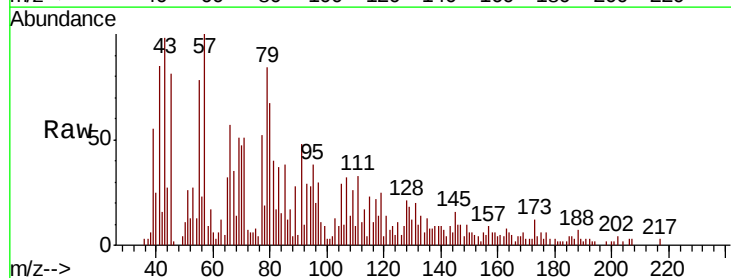
Tgt Ion:198 Resp: 61

Ion Ratio Lower Upper

198 100

51 1257.5 22.7 62.7#

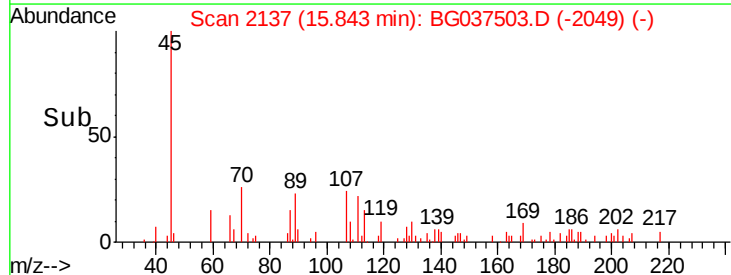
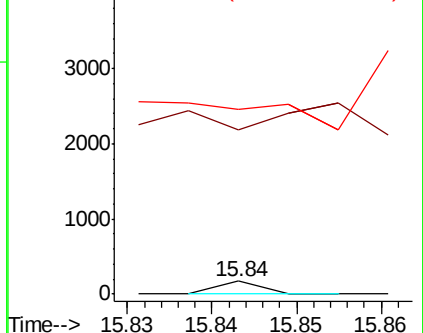
105 1415.5 19.7 59.7#

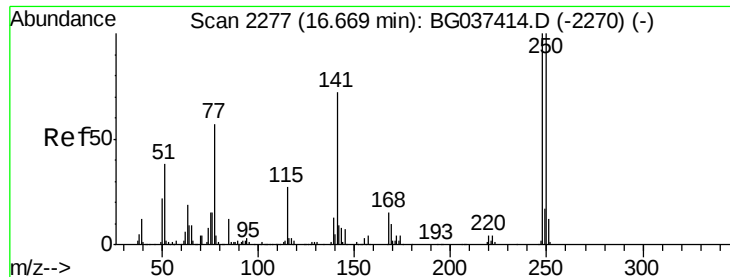


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

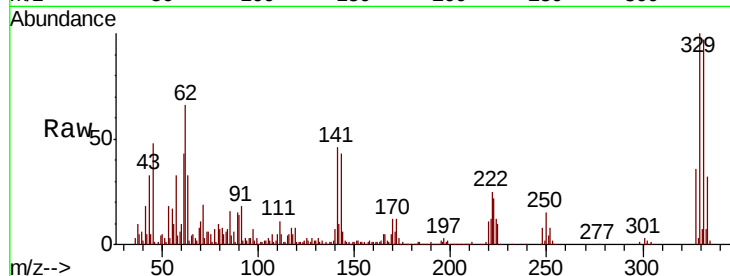




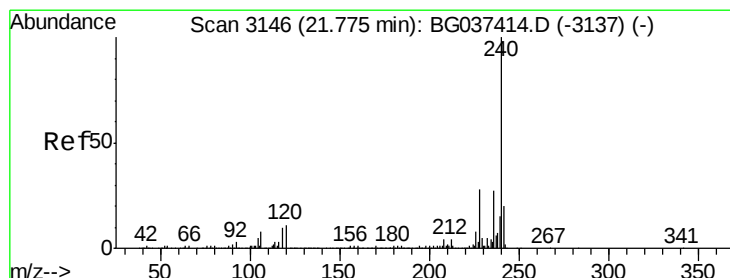
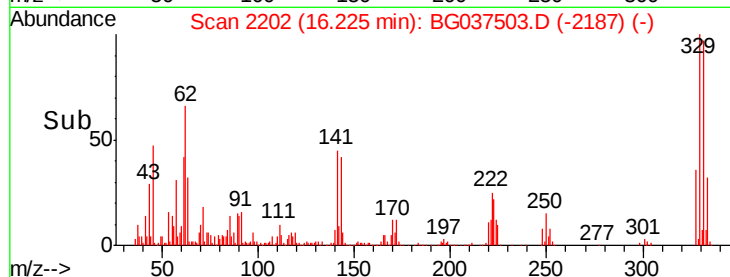
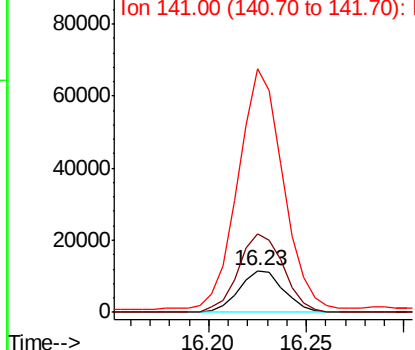
#67
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18332
Ion Ratio Lower Upper
248 100
250 186.2 77.0 115.6#
141 453.6 55.5 83.3#

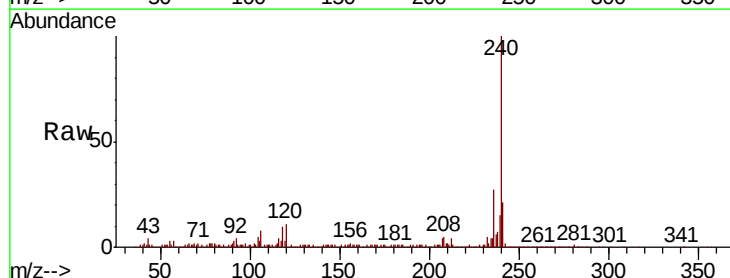


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

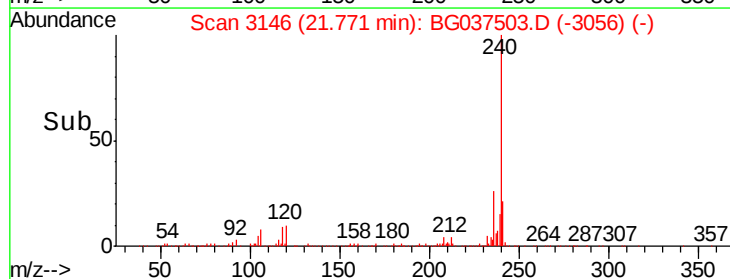
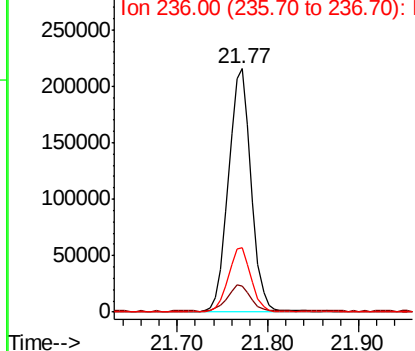


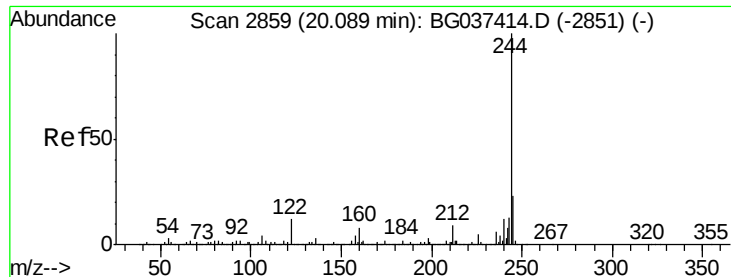
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037503.D
Acq: 24 Oct 2018 9:37

Tgt Ion:240 Resp: 374502
Ion Ratio Lower Upper
240 100
120 10.7 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: 69.399 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

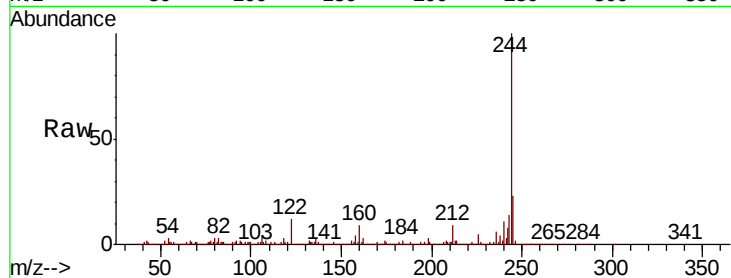
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1216335

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.6	9.0	13.4

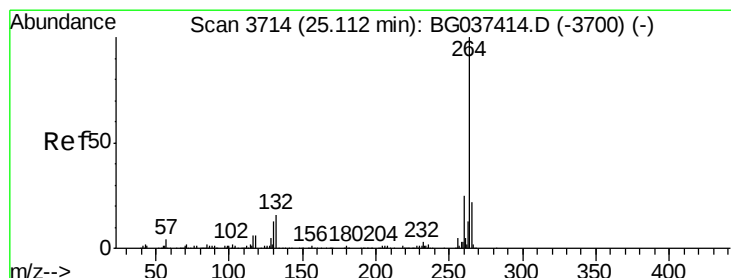
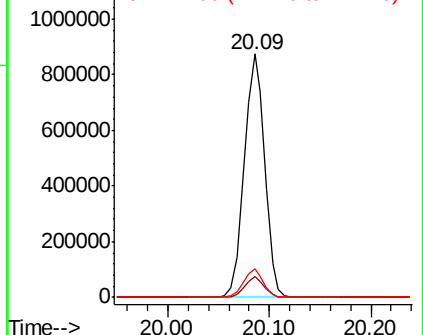
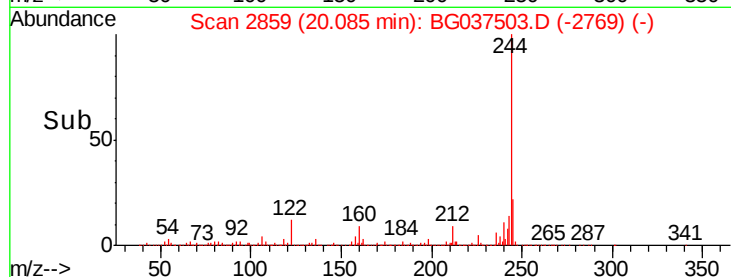


Abundance

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

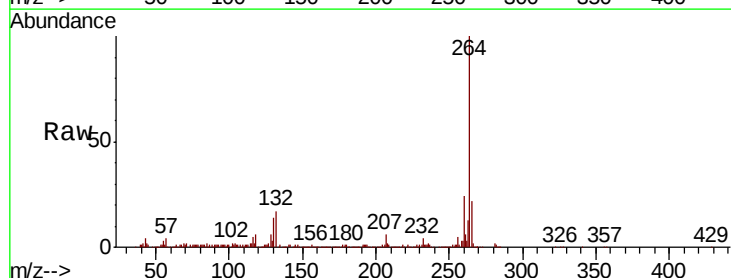
Delta R.T. -0.00 min

Lab File: BG037503.D

Acq: 24 Oct 2018 9:37

Tgt Ion:264 Resp: 391390

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.2	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

