

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037504.D
 Acq On : 24 Oct 2018 10:16
 Operator : JU/SJ
 Sample : J5621-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 11:39:44 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

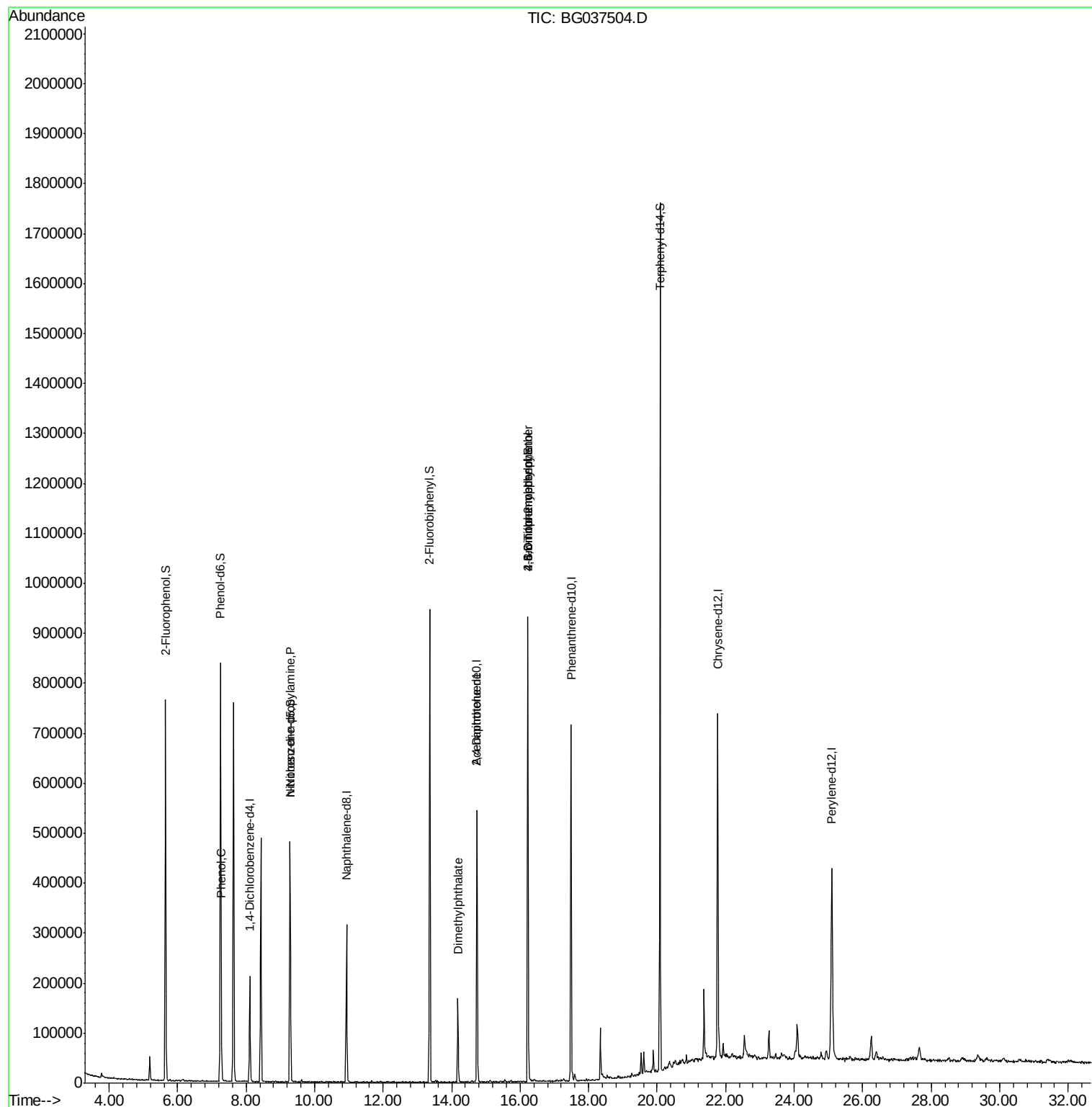
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63087	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	280647	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	194673	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	467572	20.00	ng	0.00
76) Chrysene-d12	21.77	240	416796	20.00	ng	0.00
87) Perylene-d12	25.11	264	420752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	350725	92.94	ng	0.00
7) Phenol-d6	7.25	99	529507	92.80	ng	0.00
23) Nitrobenzene-d5	9.28	82	312192	62.32	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	166854	78.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	505519	39.16	ng	0.00
79) Terphenyl-d14	20.08	244	840170	43.07	ng	0.00
Target Compounds						
10) Phenol	7.27	94	63783	10.594	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	39286	9.998	ng	# 71
50) Dimethylphthalate	14.18	163	117977	7.834	ng	98
57) 2,4-Dinitrotoluene	14.74	165	25296	5.784	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	349	8.625	ng	91
67) 4-Bromophenyl-phenylether	16.22	248	11682	2.275	ng	# 1

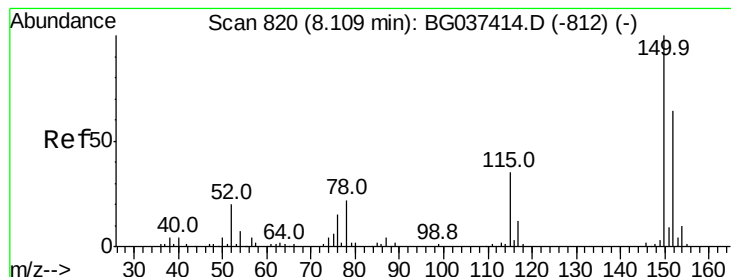
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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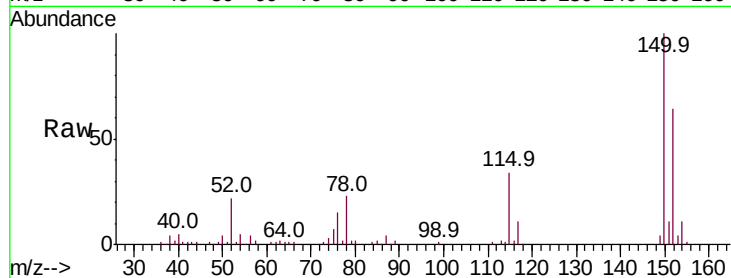


#1

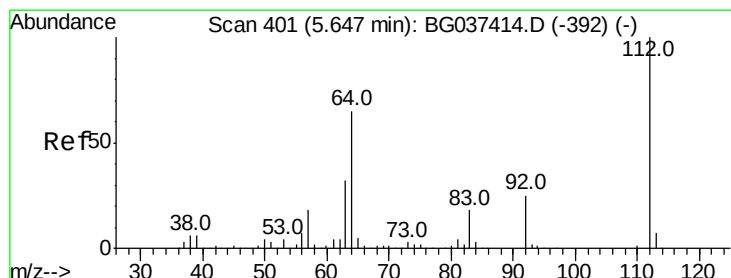
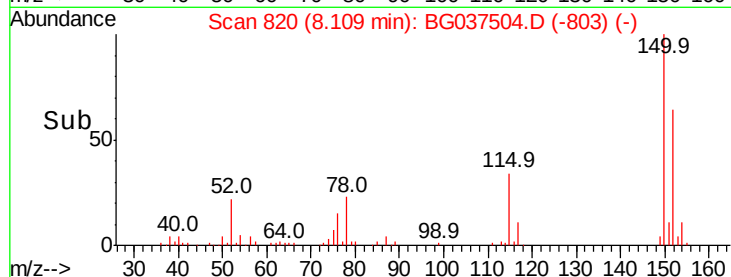
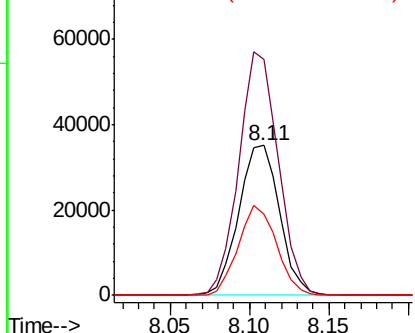
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63087
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 54.0 45.5 68.3



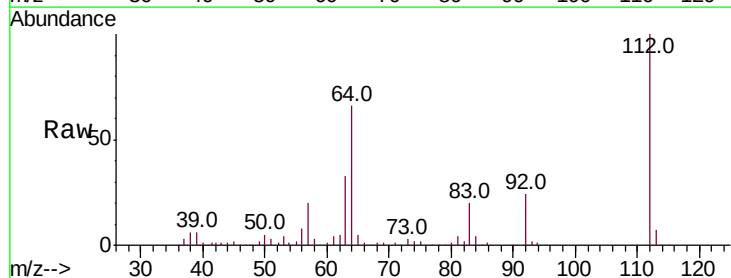
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



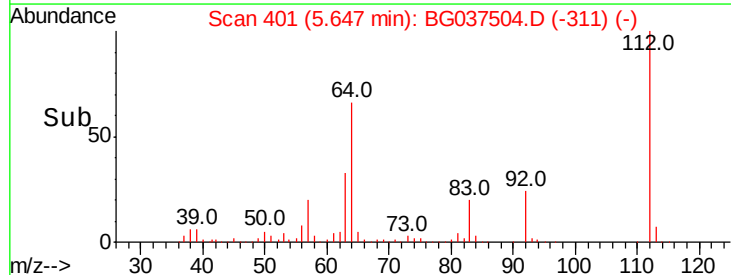
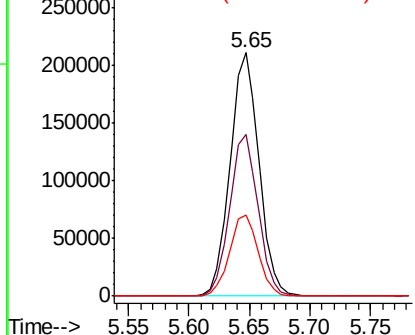
#5

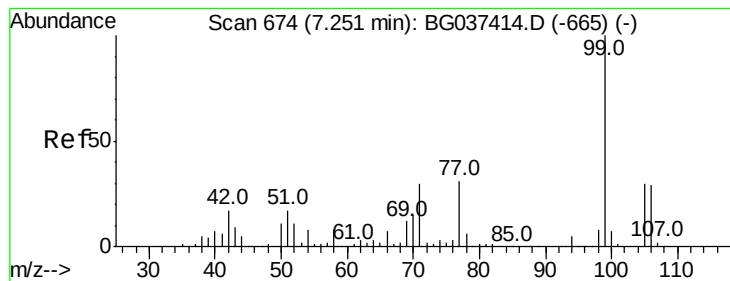
2-Fluorophenol
Concen: 92.945 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

Tgt Ion:112 Resp: 350725
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.3 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: 92.799 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

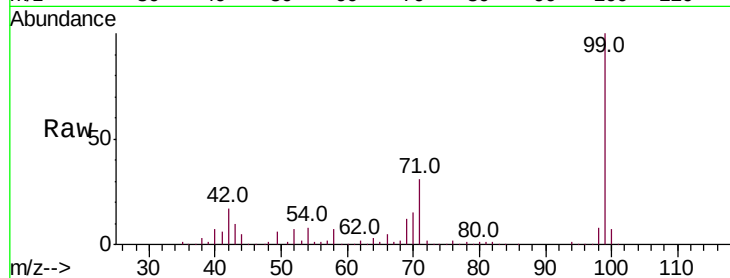
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 529507

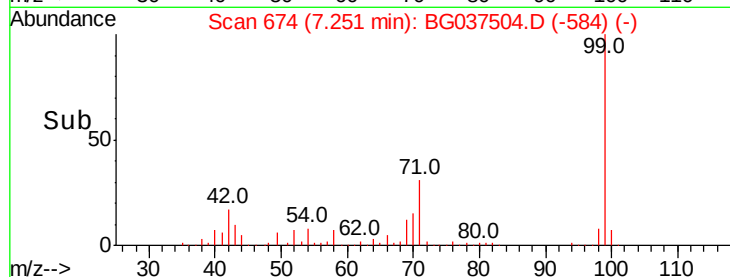
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	30.7	25.5	38.3



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: 10.594 ng

RT: 7.27 min Scan# 678

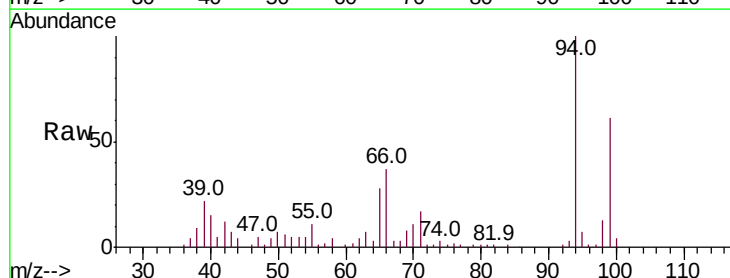
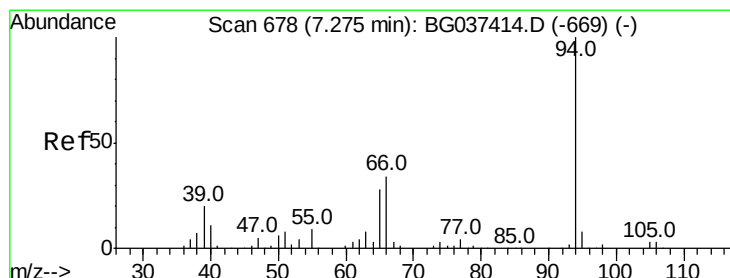
Delta R.T. -0.00 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

Tgt Ion: 94 Resp: 63783

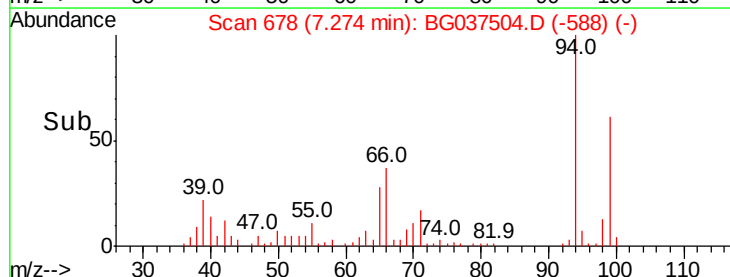
Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.7	49.7
66	36.5	15.9	55.9



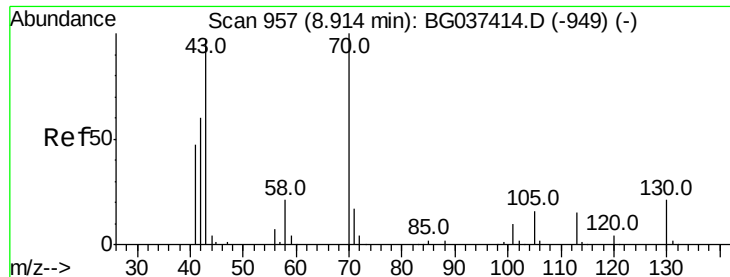
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



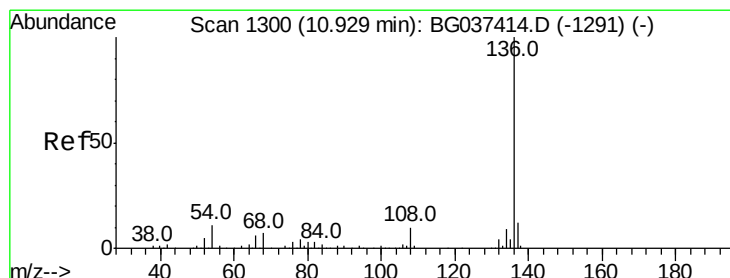
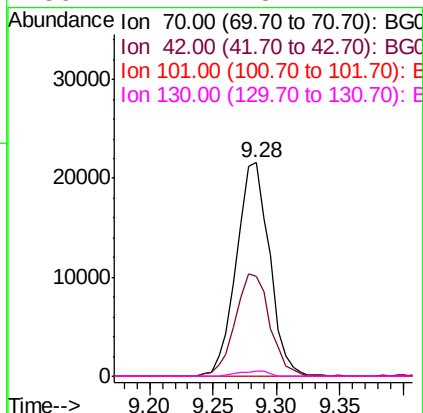
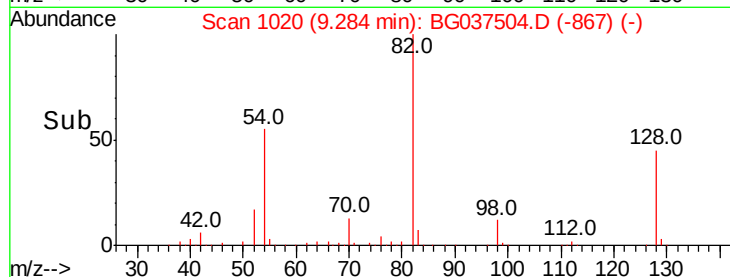
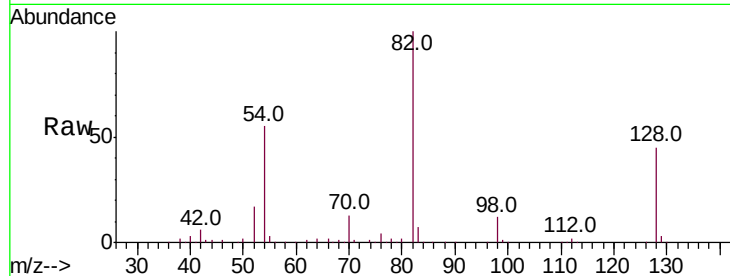
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 9.998 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

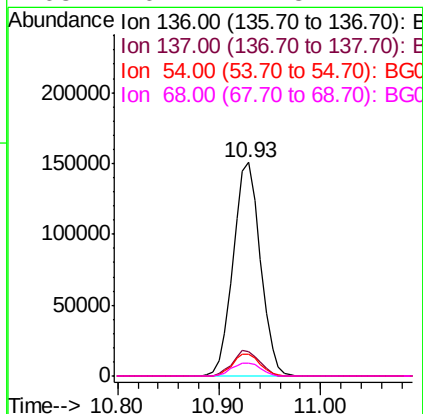
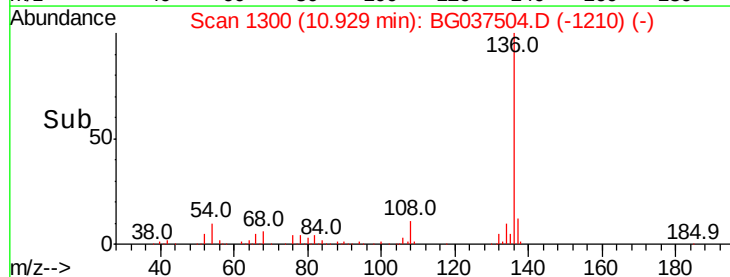
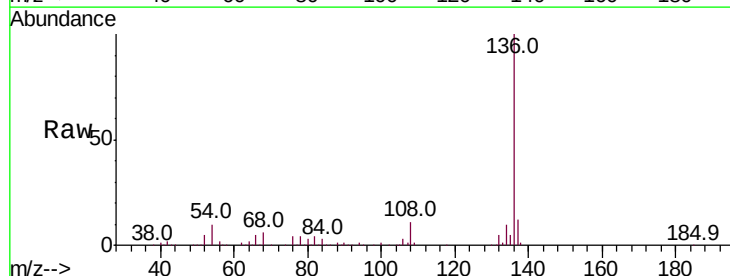
Instrument :
BNA_G
ClientSampleId :

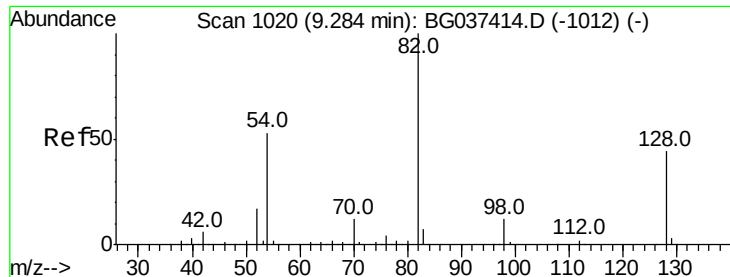
Tot Ion: 70 Resp: 39286
Ion Ratio Lower Upper
70 100
42 46.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

Tgt Ion: 136 Resp: 280647
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.4 7.9 11.9
68 6.2 4.8 7.2

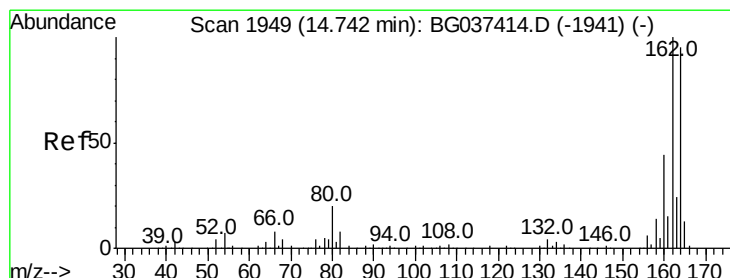
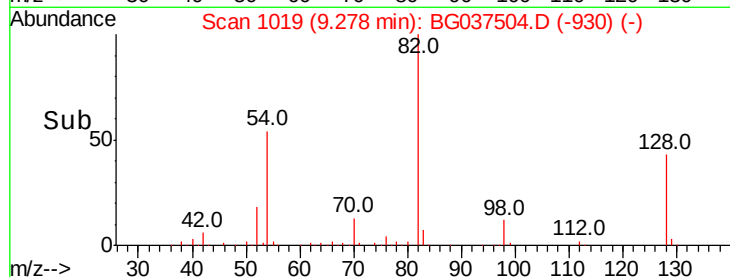
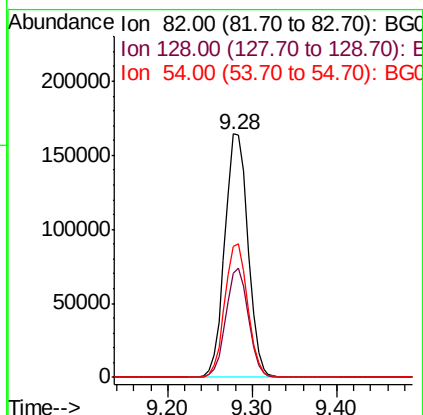
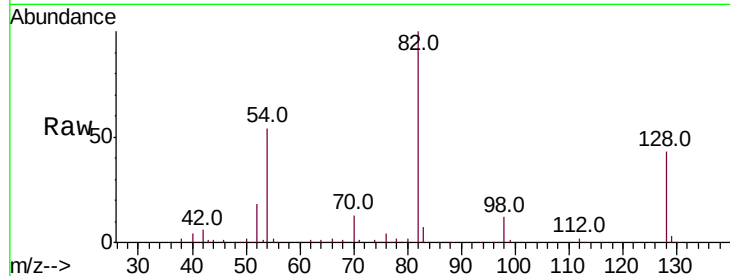




#23
Nitrobenzene-d5
Concen: 62.316 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

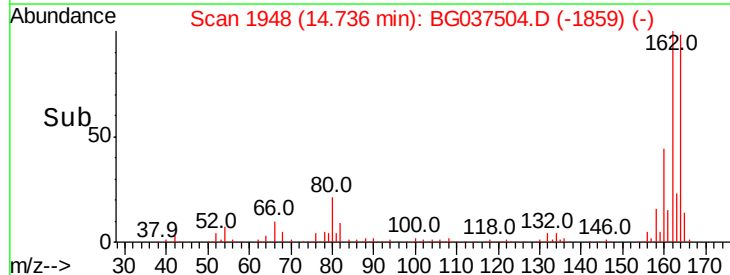
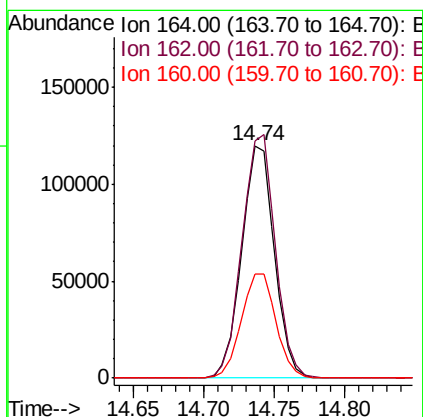
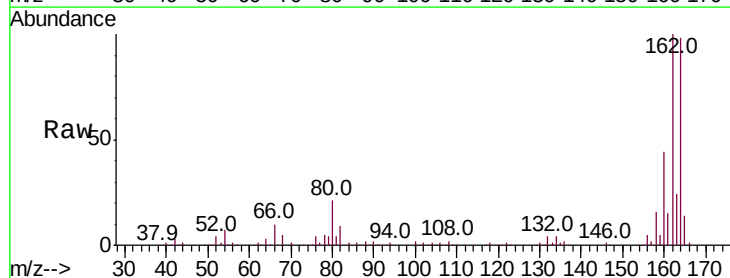
Instrument :
BNA_G
ClientSampleId :

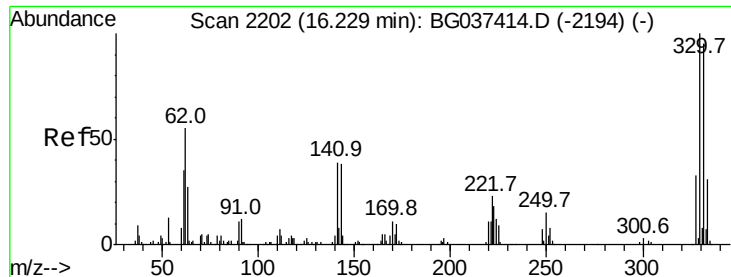
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	53.8	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037504.D
Acq: 24 Oct 2018 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 78.583 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

Instrument :

BNA_G

ClientSampled :

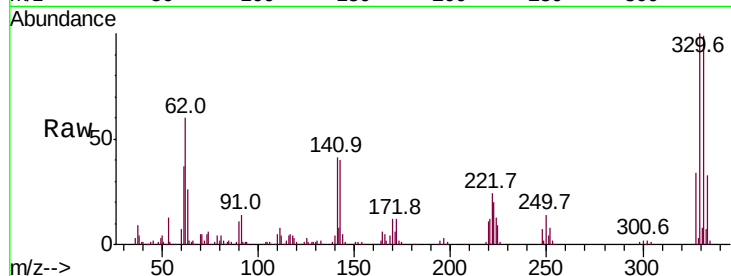
Tot Ion:330 Resp: 166854

Ion Ratio Lower Upper

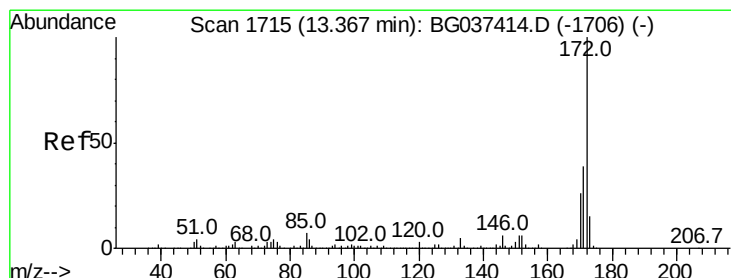
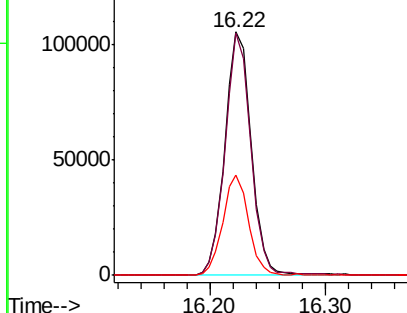
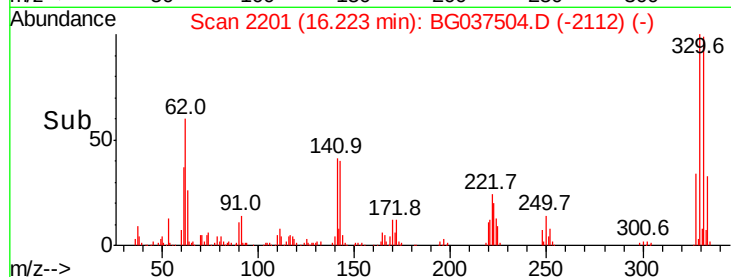
330 100

332 96.6 78.4 117.6

141 40.2 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: 39.158 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

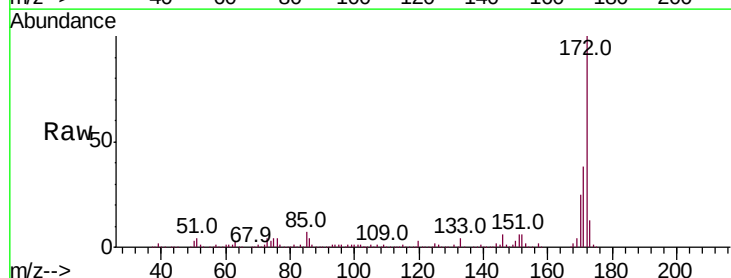
Tgt Ion:172 Resp: 505519

Ion Ratio Lower Upper

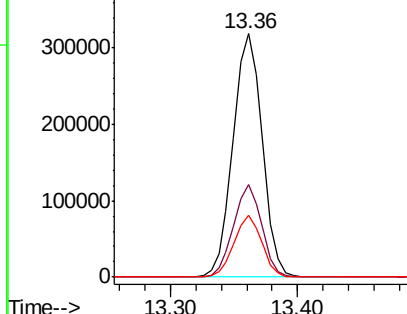
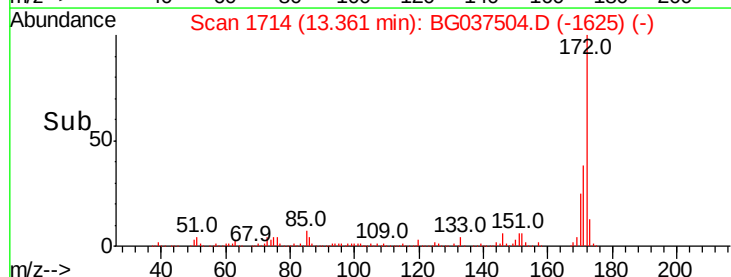
172 100

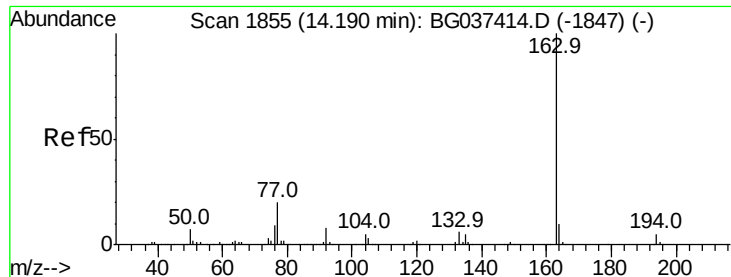
171 38.2 31.0 46.4

170 25.5 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: 7.834 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

Instrument :

BNA_G

ClientSampleId :

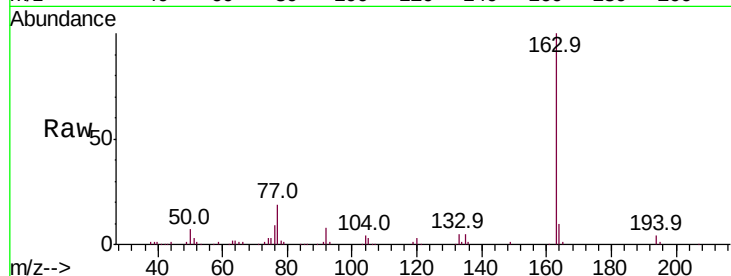
Tot Ion:163 Resp: 117977

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

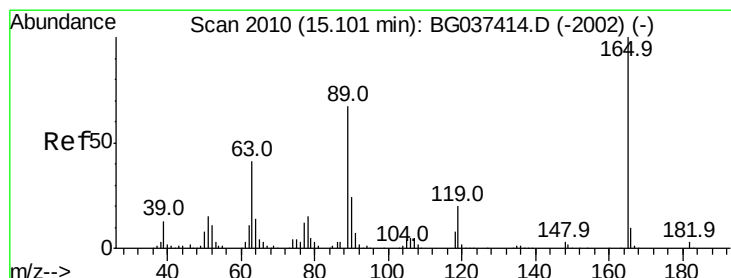
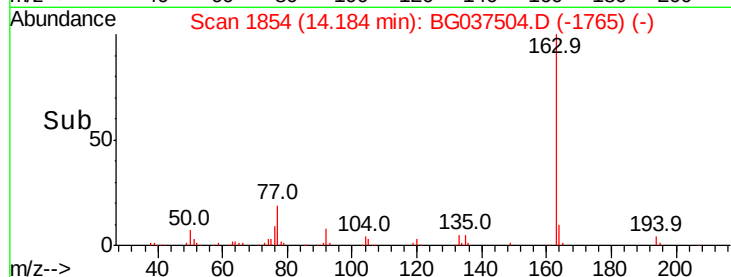
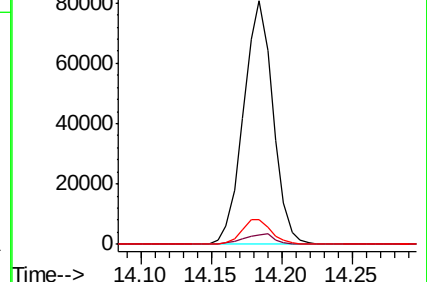
164 9.9 8.5 12.7



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: 5.784 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.36 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

Tgt Ion:165 Resp: 25296

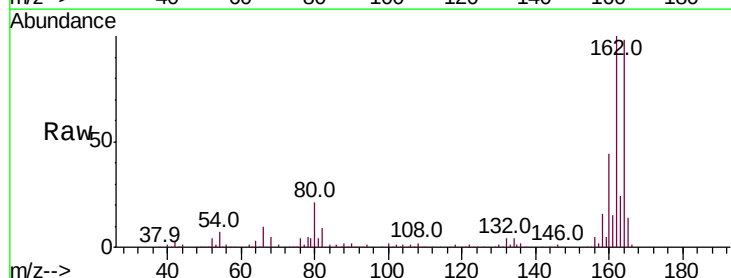
Ion Ratio Lower Upper

165 100

63 1.1 33.4 50.0#

89 1.6 57.2 85.8#

182 0.0 2.6 4.0#

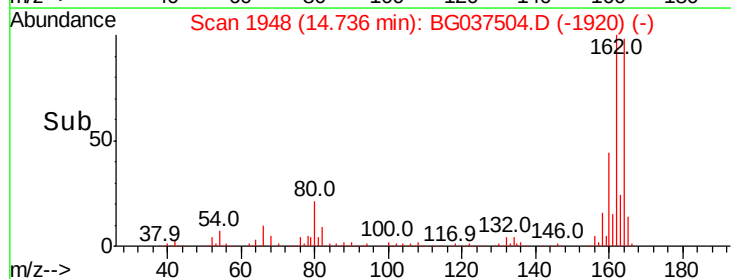
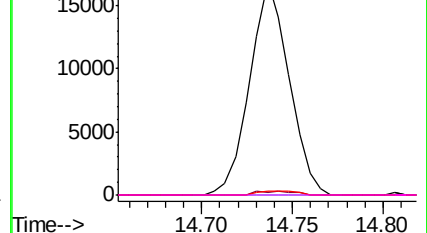


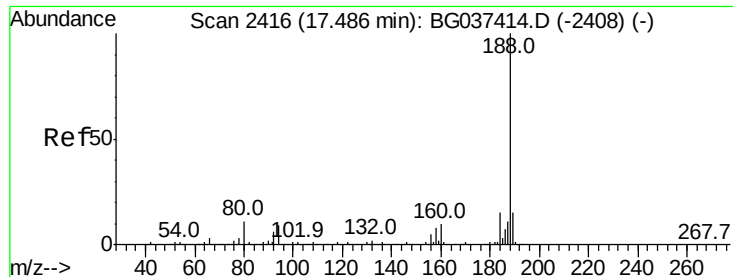
Abundance Ion 165.00 (164.70 to 165.70): E

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

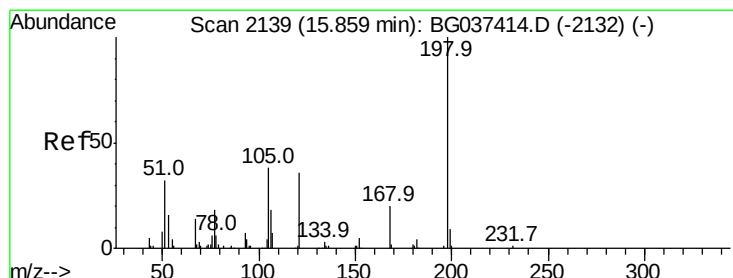
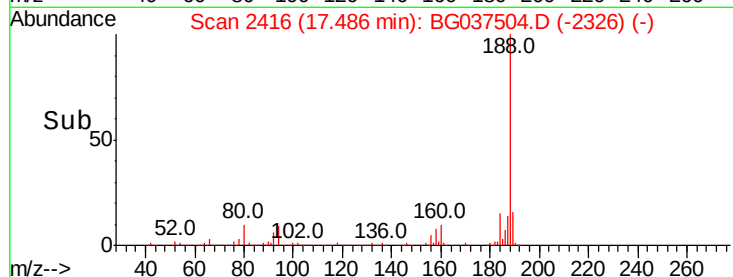
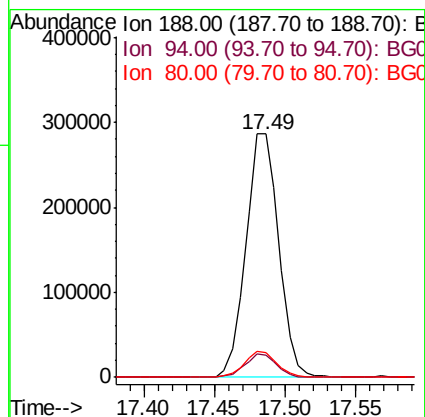
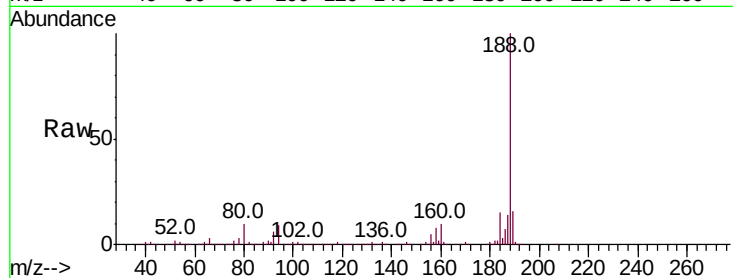




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037504.D
 Acq: 24 Oct 2018 10:16

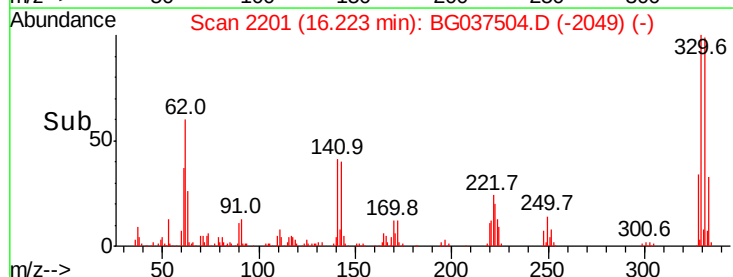
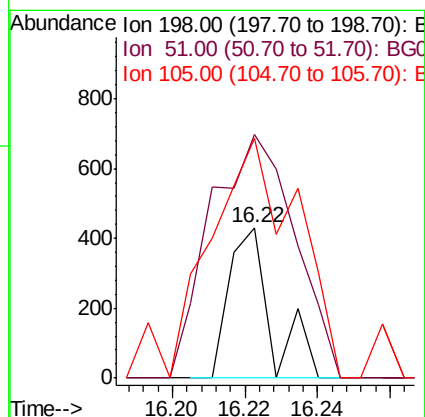
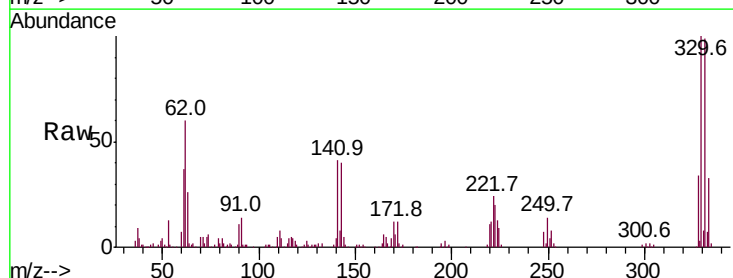
Instrument :
 BNA_G
 ClientSampleId :

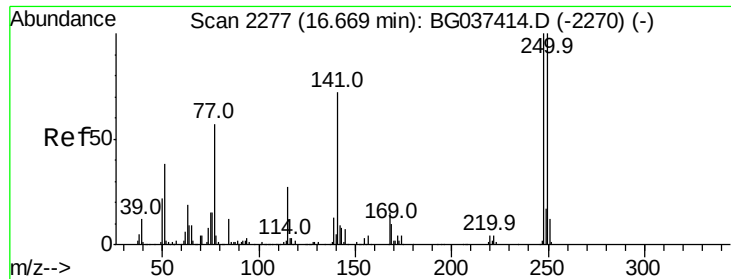
Tot Ion:188 Resp: 467572
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.2 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.625 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037504.D
 Acq: 24 Oct 2018 10:16

Tgt Ion:198 Resp: 349
 Ion Ratio Lower Upper
 198 100
 51 35.9 22.7 62.7
 105 35.3 19.7 59.7

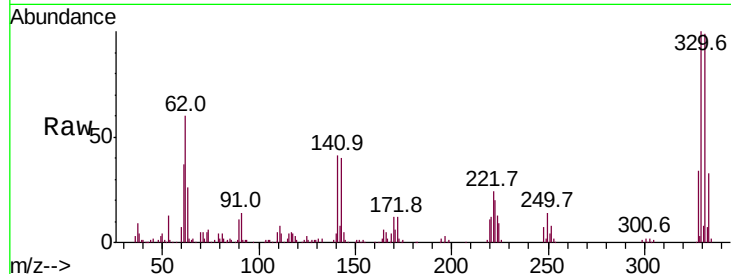




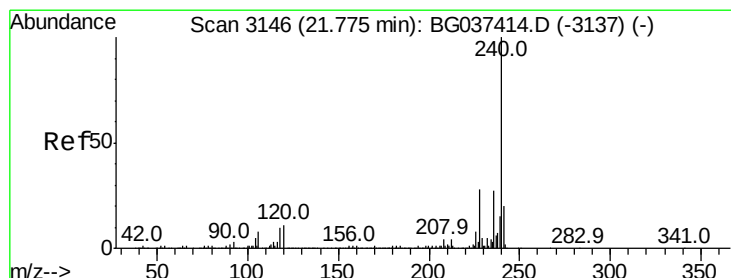
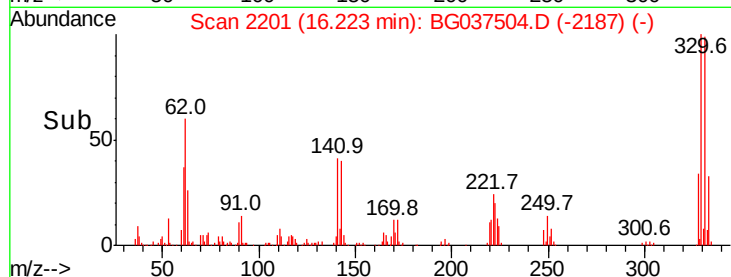
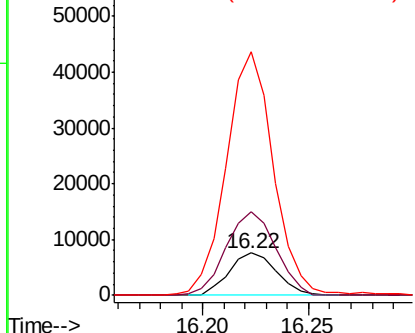
#67
 4-Bromophenyl-phenylether
 Concen: 2.275 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037504.D
 Acq: 24 Oct 2018 10:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11682
 Ion Ratio Lower Upper
 248 100
 250 200.4 77.0 115.6#
 141 455.0 55.5 83.3#

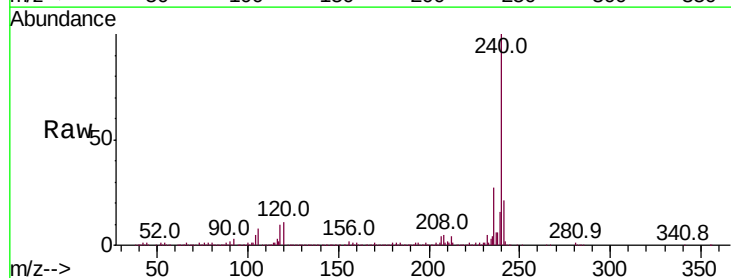


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

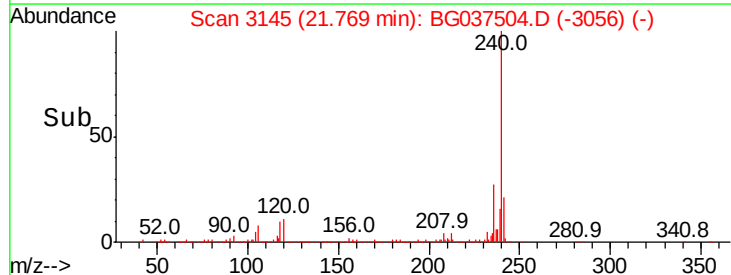
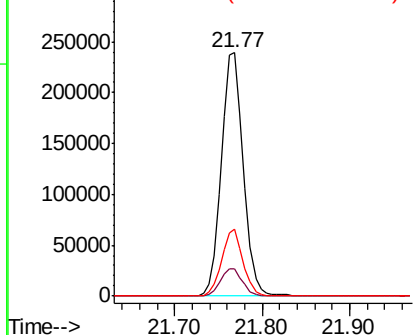


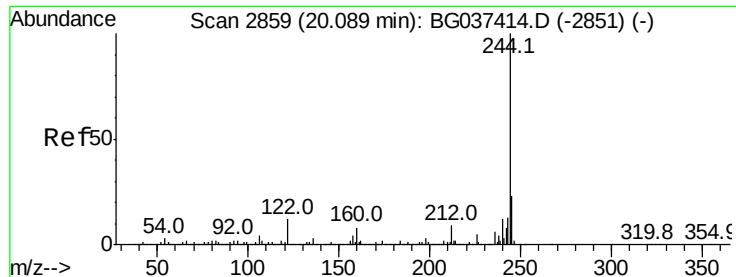
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037504.D
 Acq: 24 Oct 2018 10:16

Tgt Ion:240 Resp: 416796
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.4 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: 43.073 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

Instrument :

BNA_G

ClientSampleId :

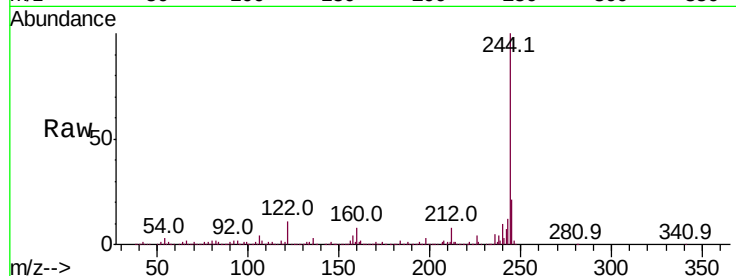
Tot Ion:244 Resp: 840170

Ion Ratio Lower Upper

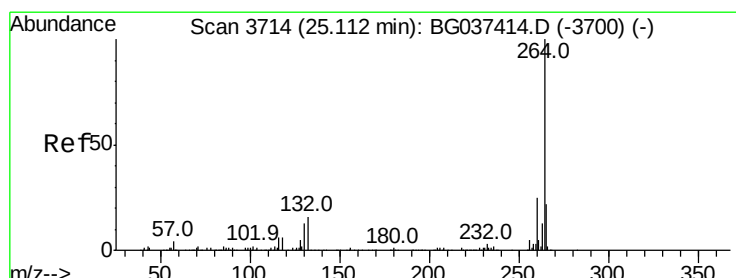
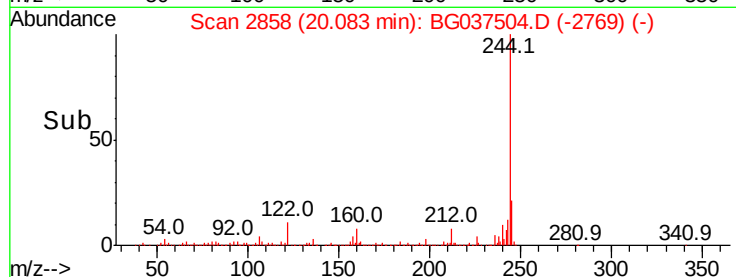
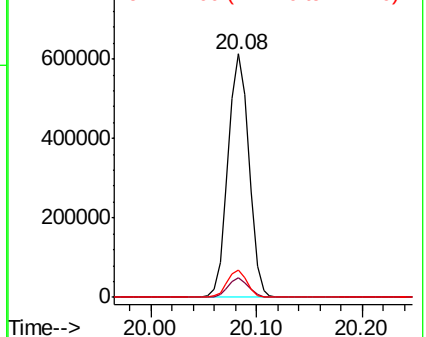
244 100

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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037504.D

Acq: 24 Oct 2018 10:16

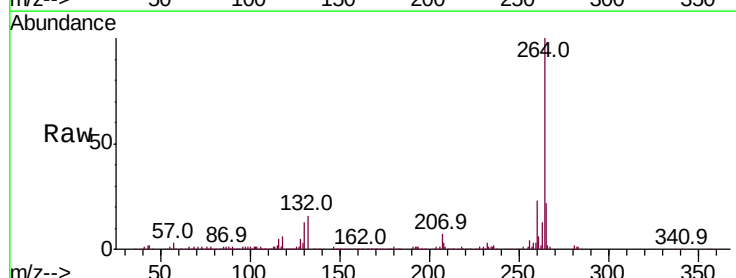
Tgt Ion:264 Resp: 420752

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.1 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

