

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037631.D
 Acq On : 29 Oct 2018 20:27
 Operator : JU/SJ
 Sample : J5665-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

Quant Time: Oct 30 04:43:57 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

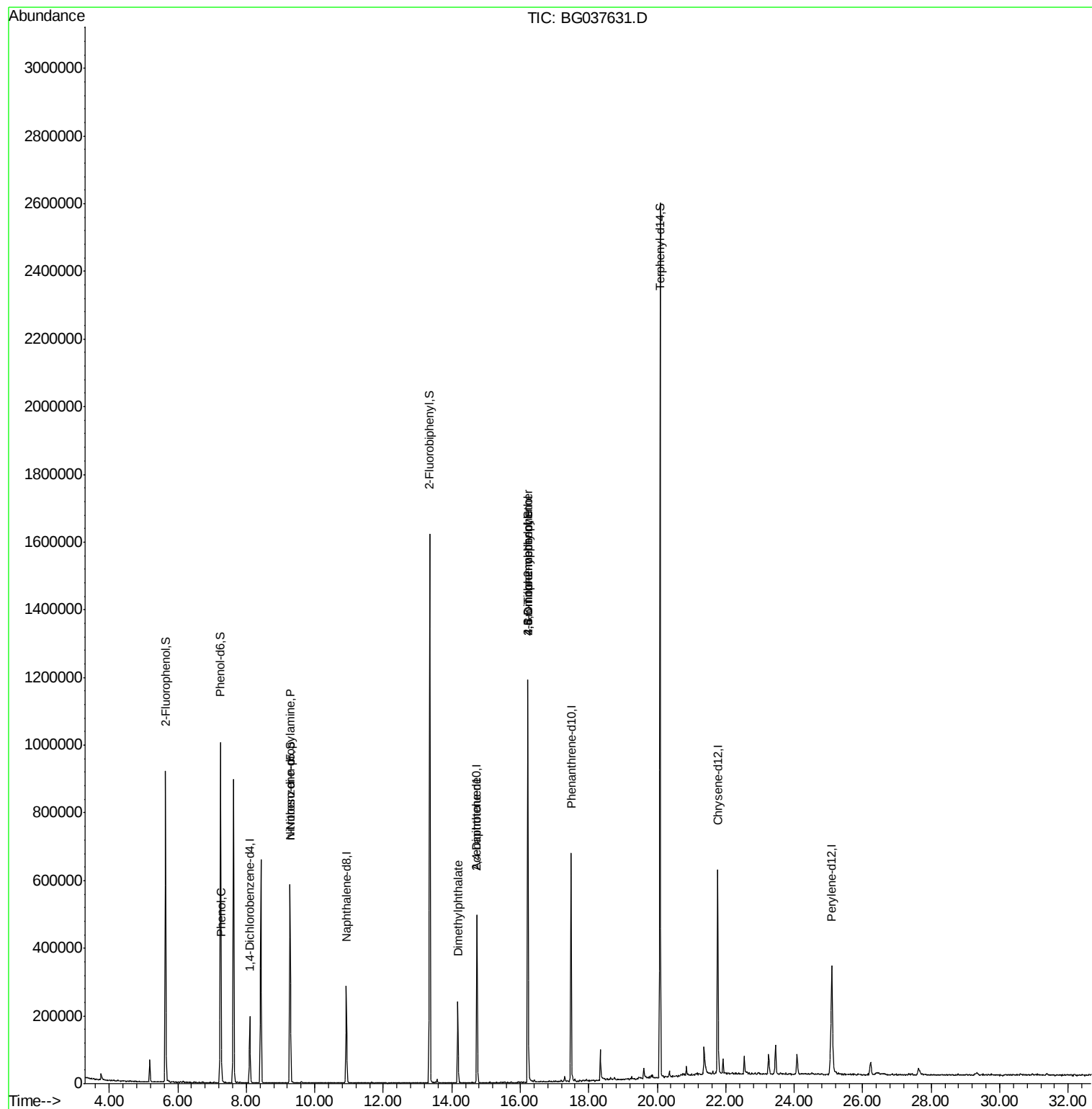
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60457	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	264792	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	418097	20.00	ng	0.00
76) Chrysene-d12	21.77	240	376883	20.00	ng	0.00
87) Perylene-d12	25.10	264	383648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	424472	117.38	ng	0.00
7) Phenol-d6	7.25	99	632218	115.62	ng	0.00
23) Nitrobenzene-d5	9.28	82	366567	77.55	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	211030	108.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	888978	74.94	ng	0.00
79) Terphenyl-d14	20.08	244	1247136	70.71	ng	0.00
Target Compounds						
10) Phenol	7.27	94	43620	7.561	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	45059	11.967	ng	# 69
50) Dimethylphthalate	14.18	163	167351	12.093	ng	98
57) 2,4-Dinitrotoluene	14.73	165	22395	5.573	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.23	198	630	8.744	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	15754	3.431	ng	# 1

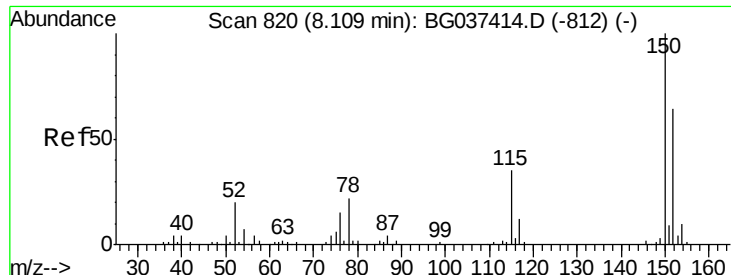
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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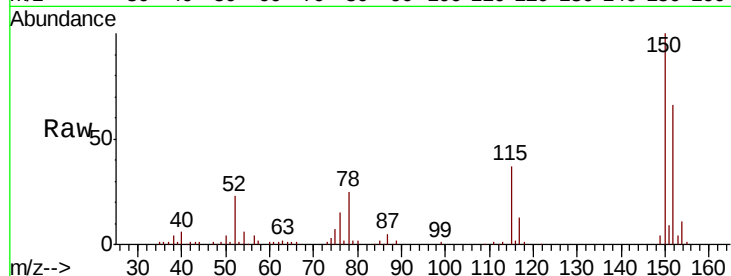


#1

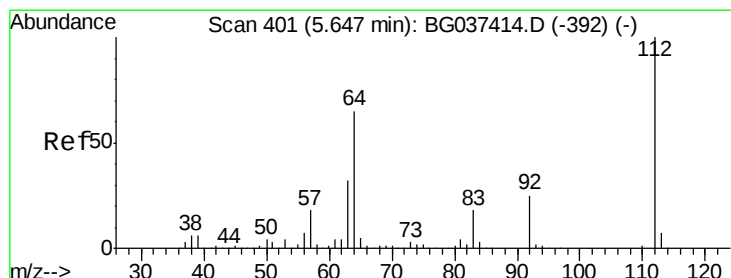
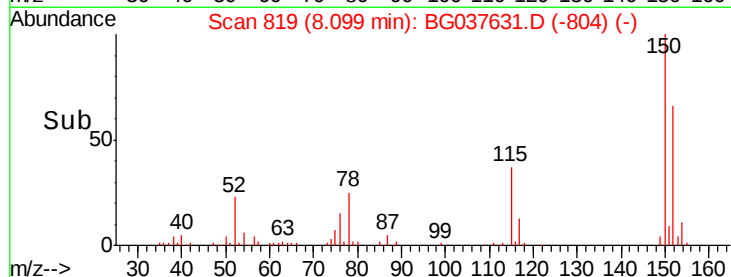
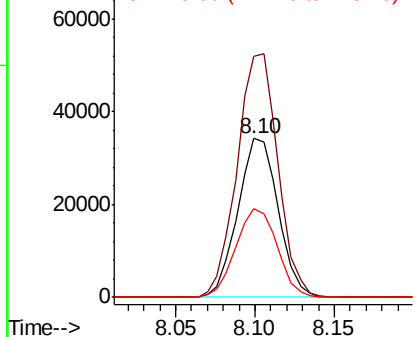
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

Instrument :
BNA_G
ClientSampleId :
DL-07B

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.0	189.0
115	56.1	45.5	68.3



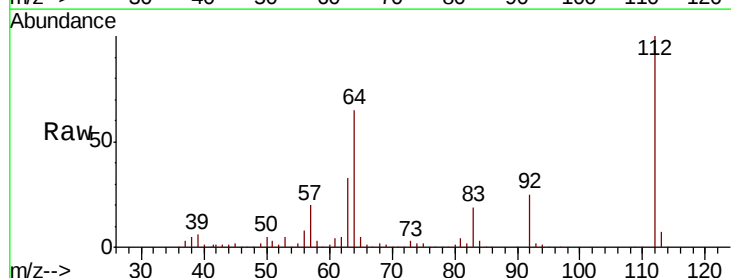
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



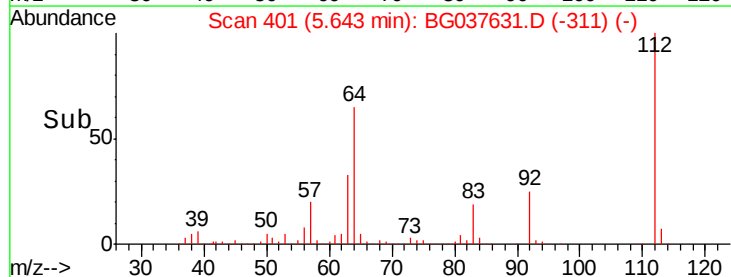
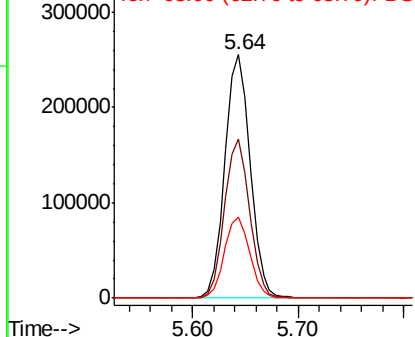
#5

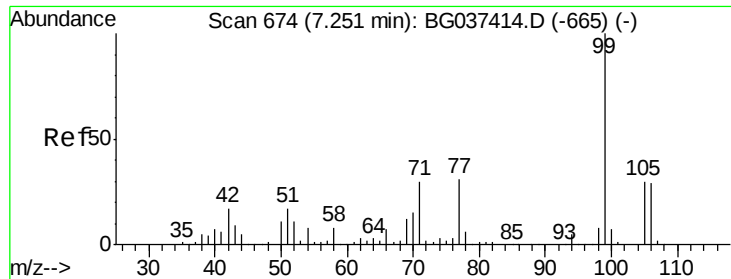
2-Fluorophenol
Concen: 117.382 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.619 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

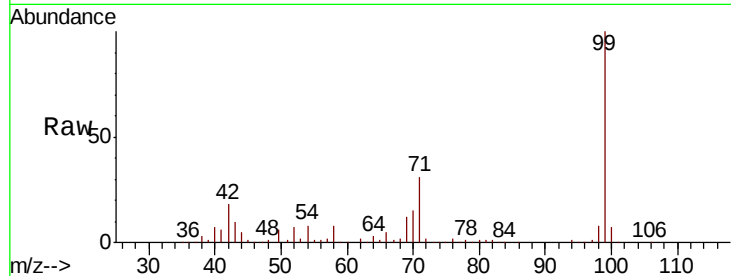
Tot Ion: 99 Resp: 632218

Ion Ratio Lower Upper

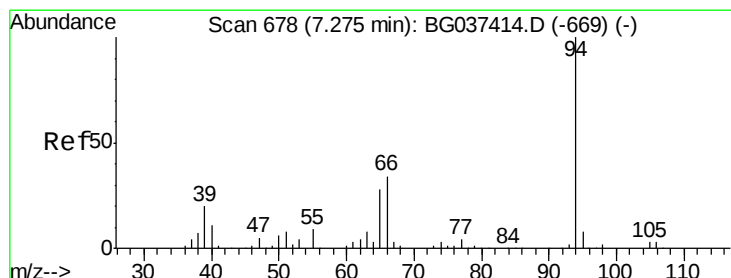
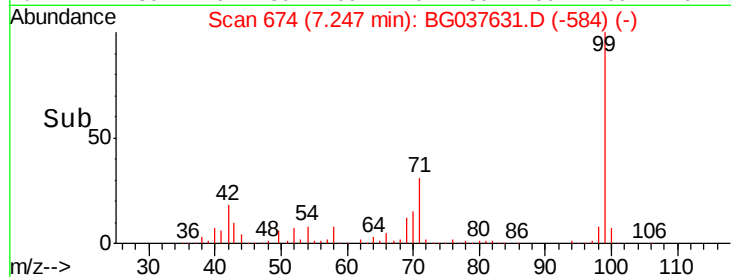
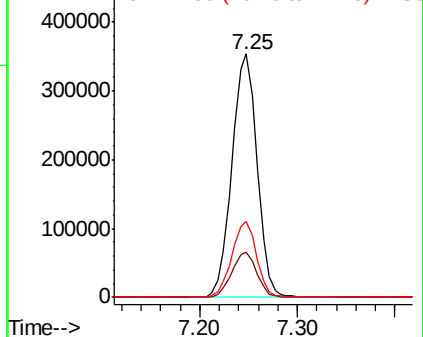
99 100

42 18.5 15.0 22.4

71 31.4 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: 7.561 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

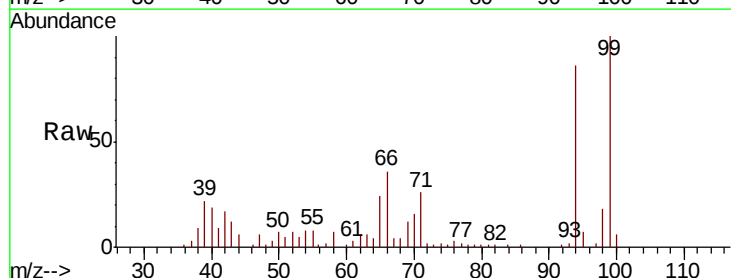
Tgt Ion: 94 Resp: 43620

Ion Ratio Lower Upper

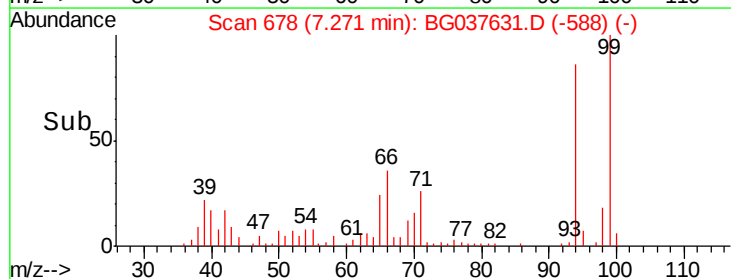
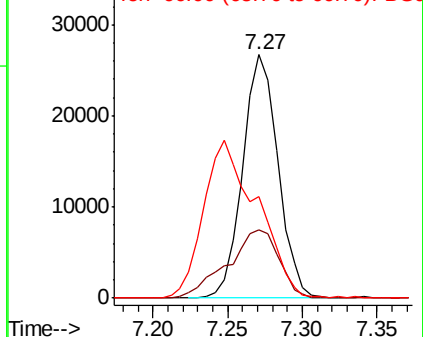
94 100

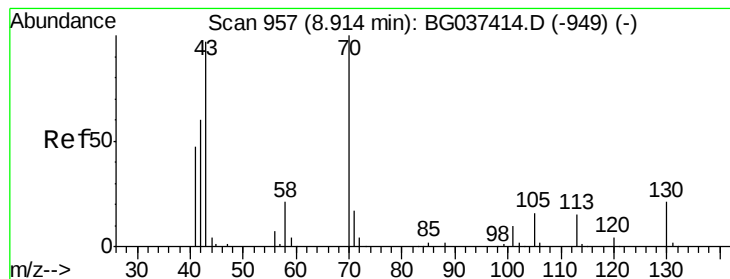
65 28.2 9.7 49.7

66 41.5 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





#19

n-Nitroso-di-n-propylamine

Concen: 11.967 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

Tot Ion: 70 Resp: 45059

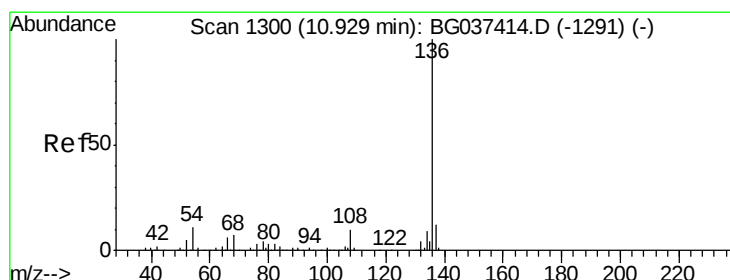
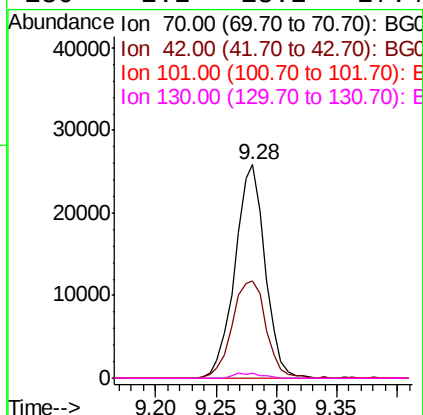
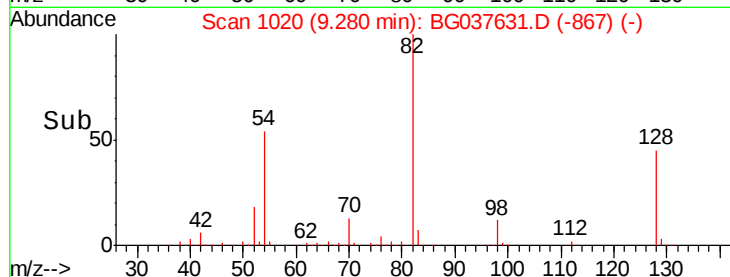
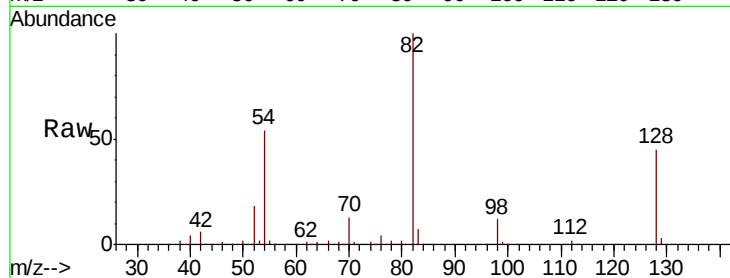
Ion Ratio Lower Upper

70 100

42 45.6 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: BG037631.D

Acq: 29 Oct 2018 20:27

Tgt Ion: 136 Resp: 264792

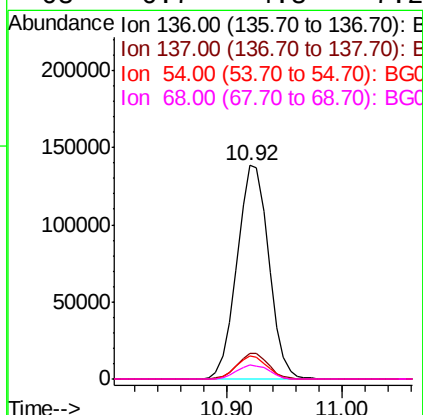
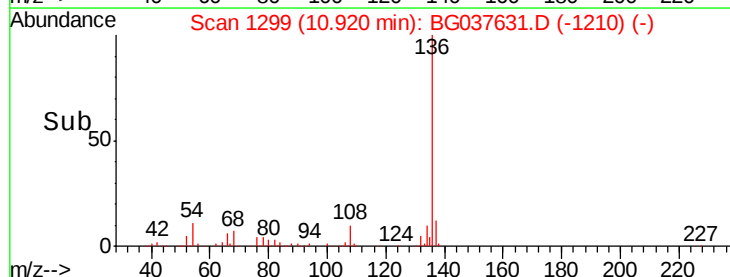
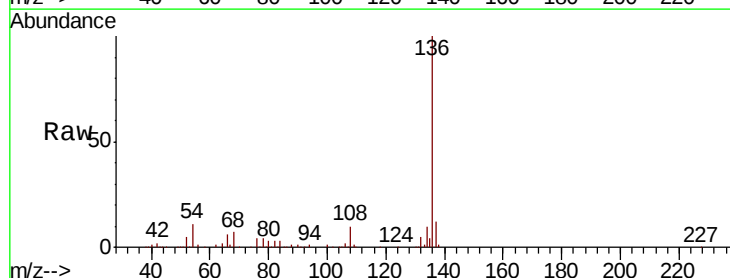
Ion Ratio Lower Upper

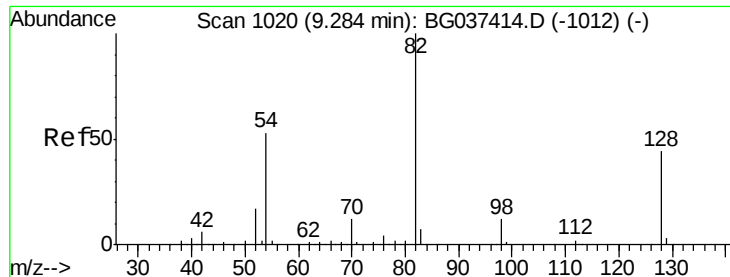
136 100

137 12.1 9.6 14.4

54 10.7 7.9 11.9

68 6.7 4.8 7.2

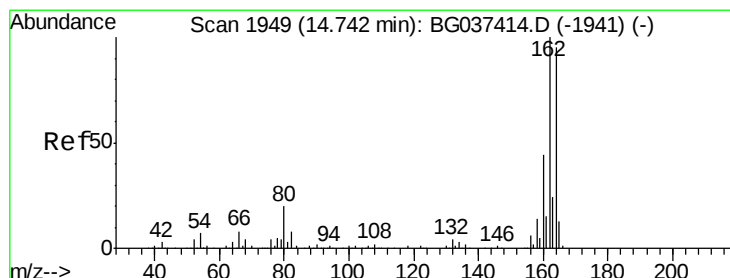
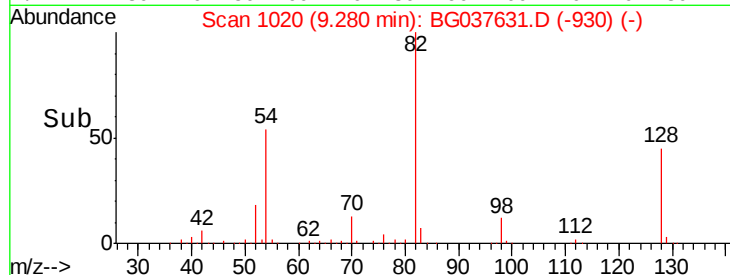
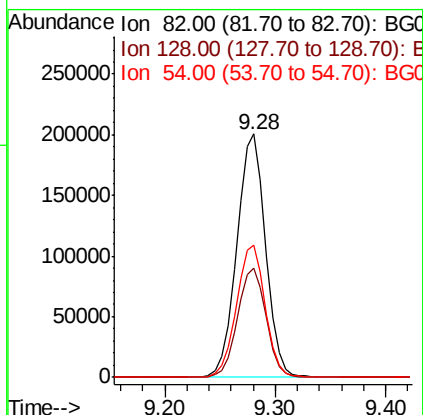
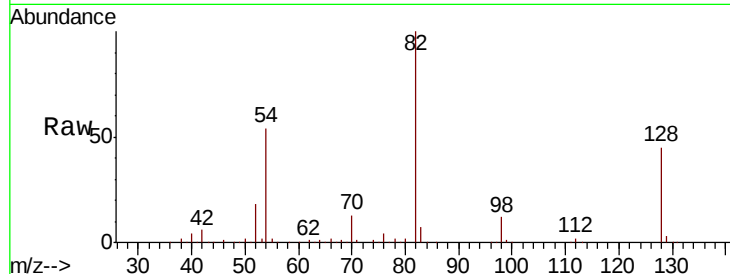




#23
 Nitrobenzene-d5
 Concen: 77.550 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

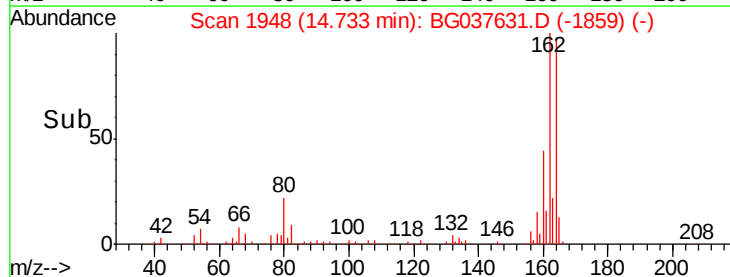
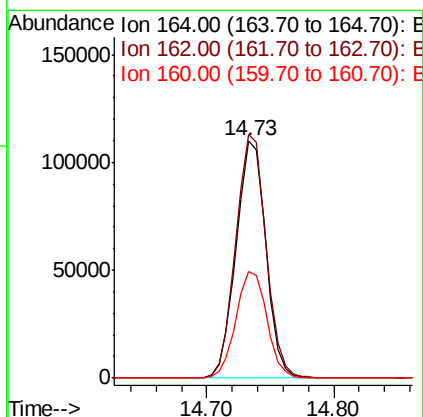
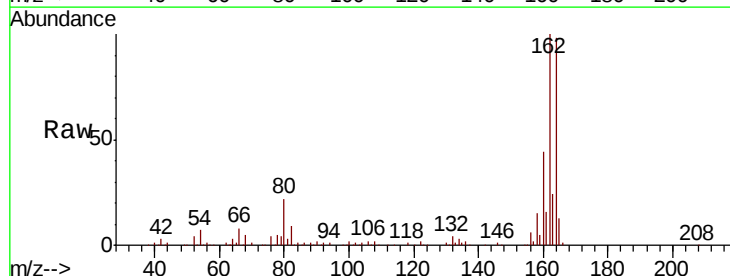
Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

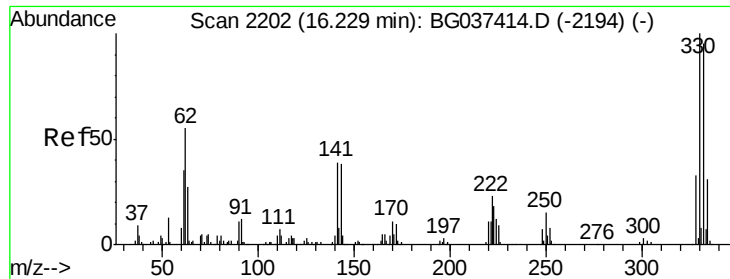
Tot Ion	82	Resp	366567
Ion Ratio	100	Lower	Upper
128	44.6	34.6	51.8
54	54.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Tgt Ion	164	Resp	178877
Ion Ratio	100	Lower	Upper
162	102.5	81.3	121.9
160	44.9	36.3	54.5

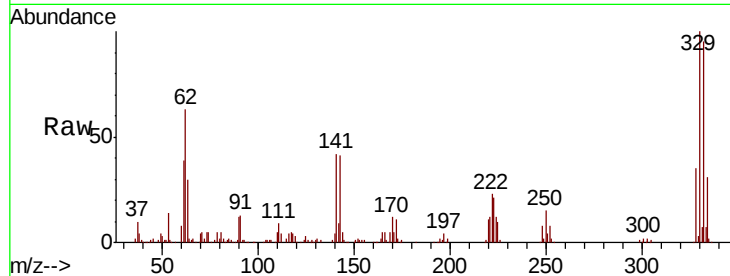




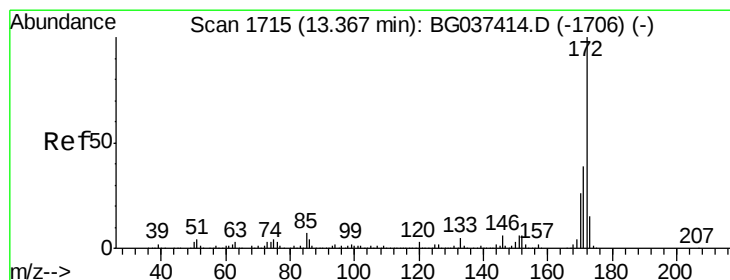
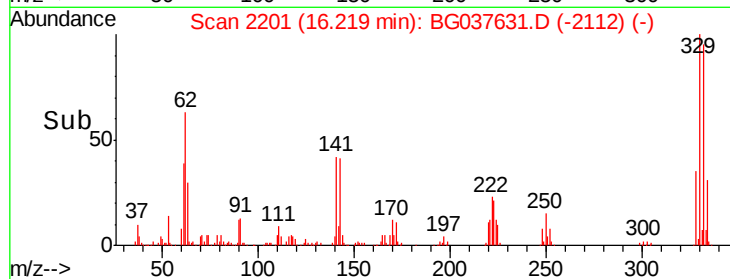
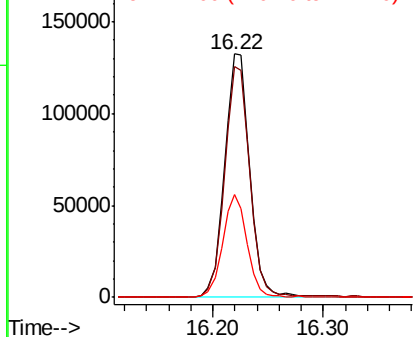
#42
 2,4,6-Tribromophenol
 Concen: 108.165 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

Tot Ion:330 Resp: 211030
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 41.1 32.2 48.2

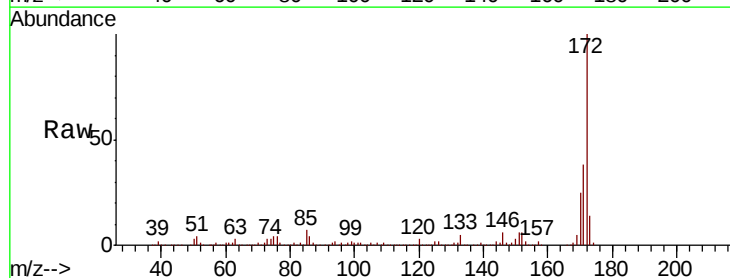


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

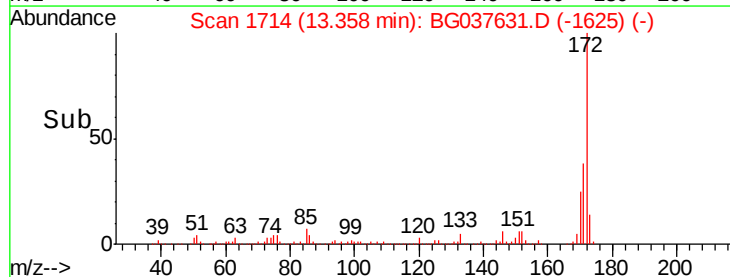
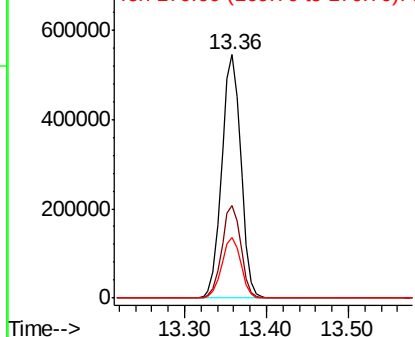


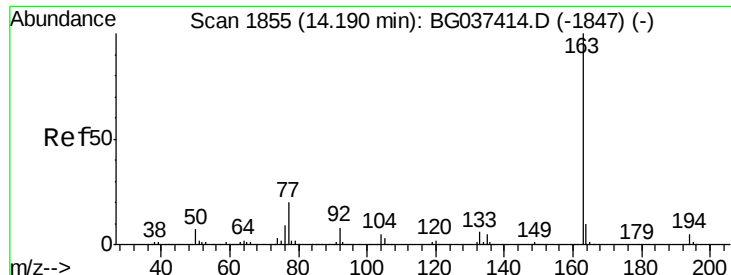
#45
 2-Fluorobiphenyl
 Concen: 74.941 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Tgt Ion:172 Resp: 888978
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 24.9 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: 12.093 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

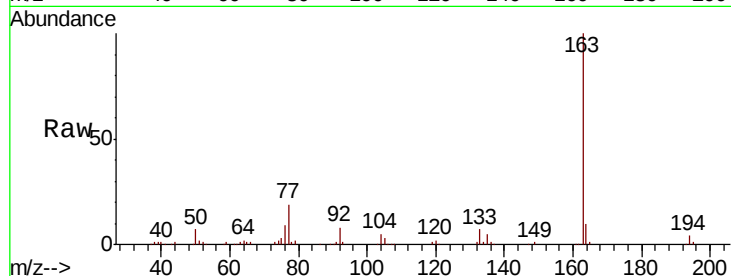
Tot Ion:163 Resp: 167351

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

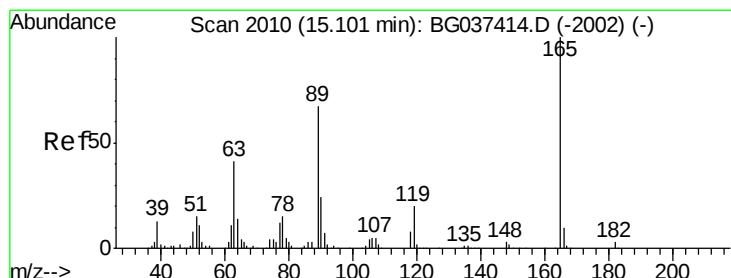
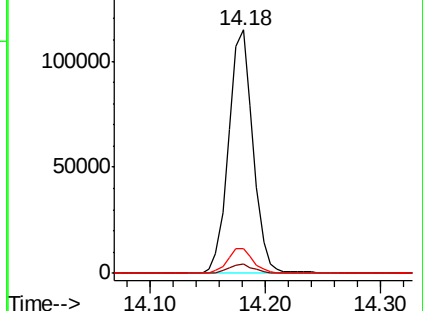
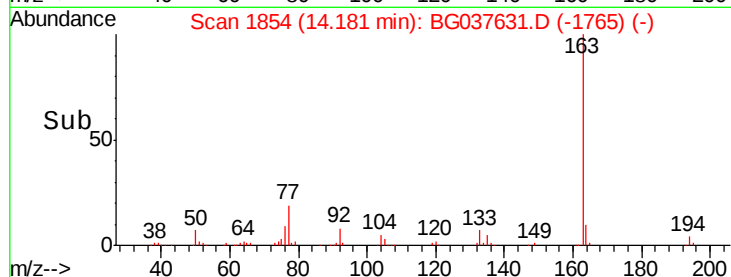
164 10.0 8.5 12.7



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: 5.573 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Tgt Ion:165 Resp: 22395

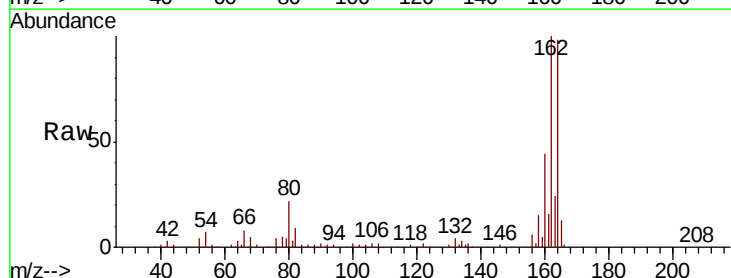
Ion Ratio Lower Upper

165 100

63 4.2 33.4 50.0#

89 1.8 57.2 85.8#

182 0.0 2.6 4.0#

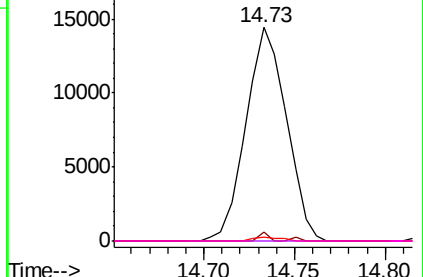
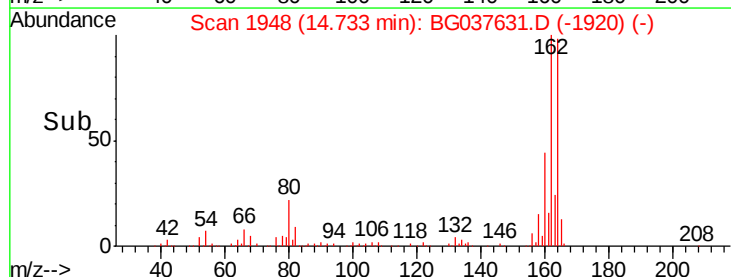


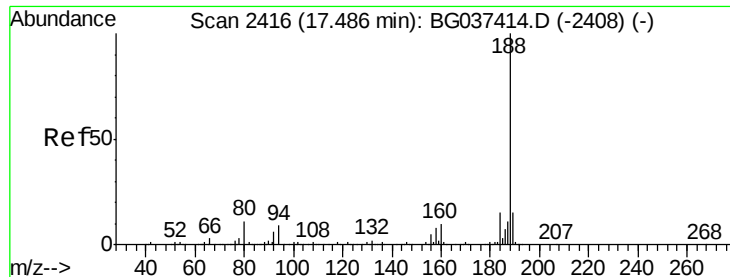
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

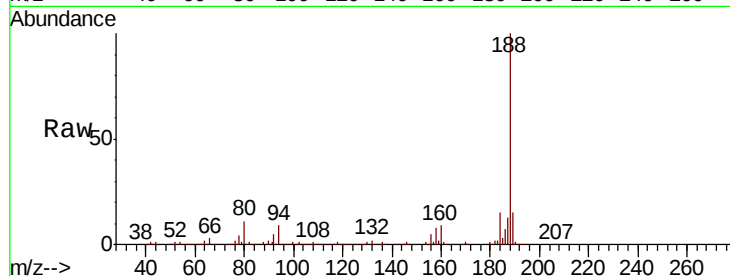
Tot Ion:188 Resp: 418097

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

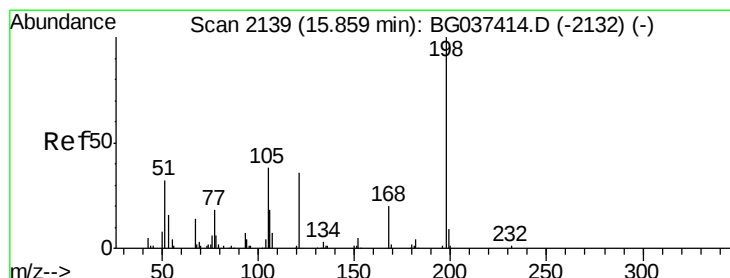
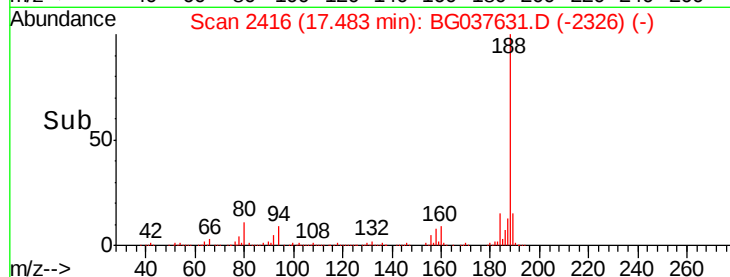
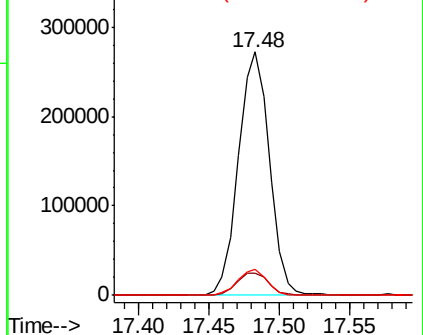
80 10.7 7.7 11.5



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: 8.744 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

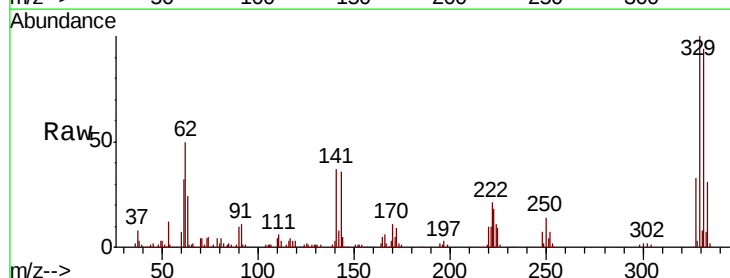
Tgt Ion:198 Resp: 630

Ion Ratio Lower Upper

198 100

51 41.7 22.7 62.7

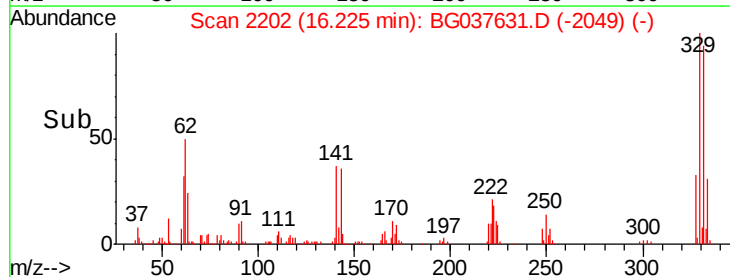
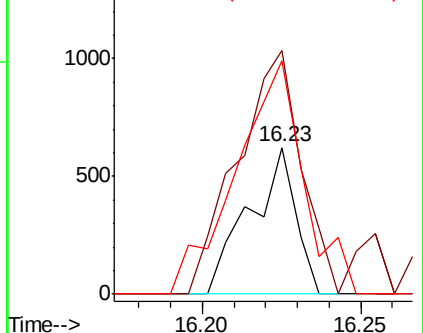
105 39.9 19.7 59.7

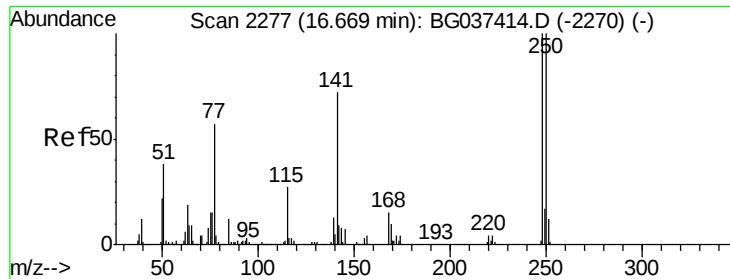


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

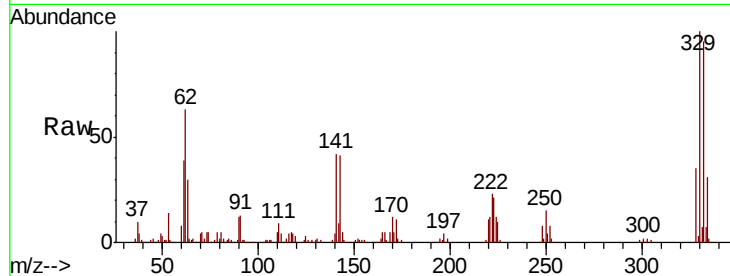




#67
 4-Bromophenyl-phenylether
 Concen: 3.431 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

Tot Ion	Ratio	Lower	Upper
248	100		
250	186.8	77.0	115.6#
141	406.7	55.5	83.3#

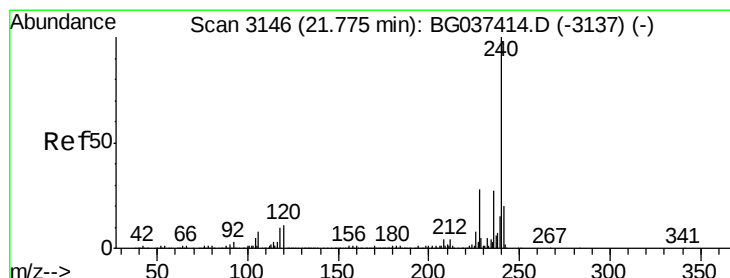
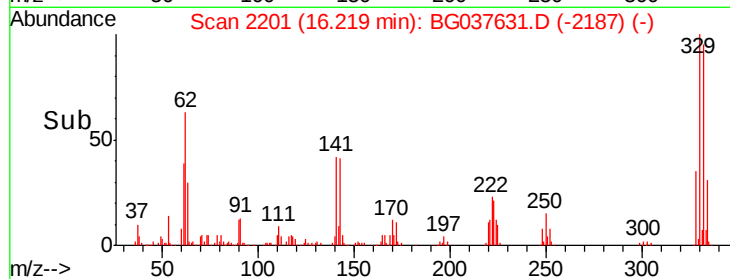
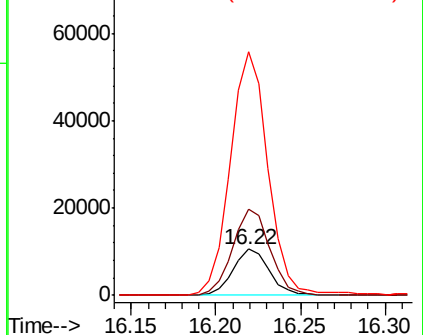


Abundance

Ion 248.00 (247.70 to 248.70): E

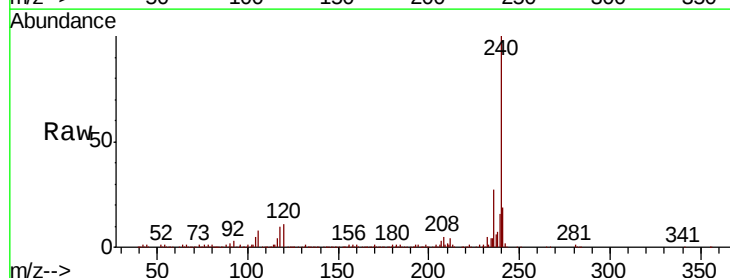
Ion 250.00 (249.70 to 250.70): E

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: BG037631.D
 Acq: 29 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.3	21.4	32.0

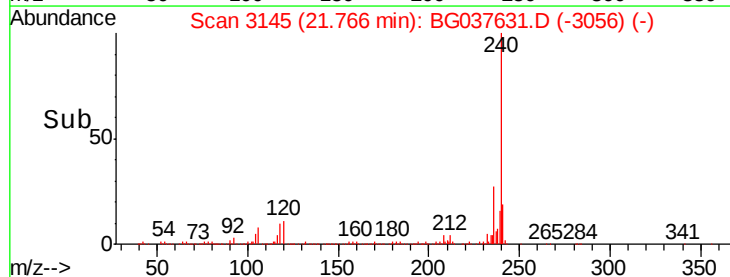
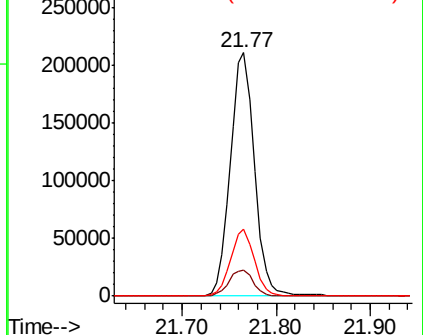


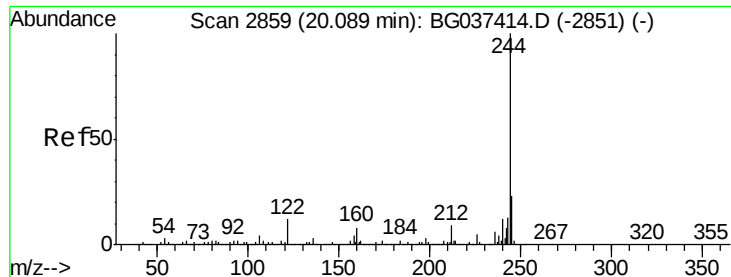
Abundance

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: 70.707 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

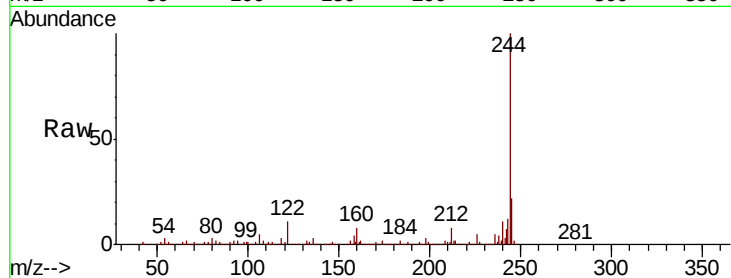
Tot Ion:244 Resp: 1247136

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

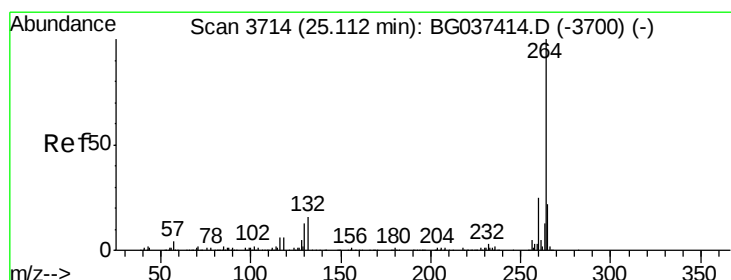
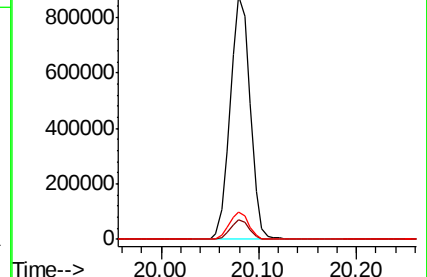
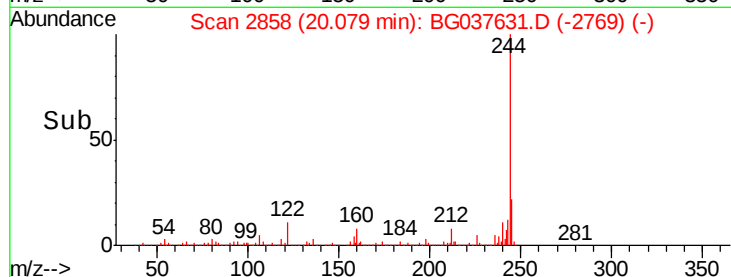
122 11.3 9.0 13.4



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. -0.02 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

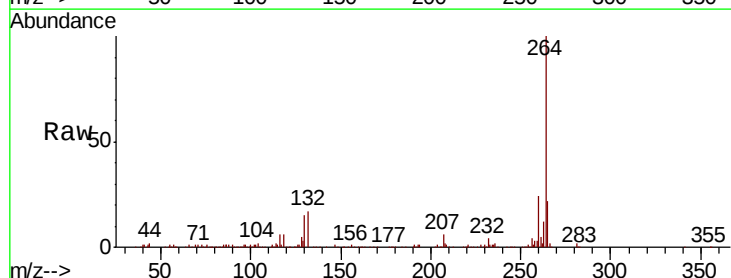
Tgt Ion:264 Resp: 383648

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.3 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

