

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037629.D
 Acq On : 29 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5691-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:43:36 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

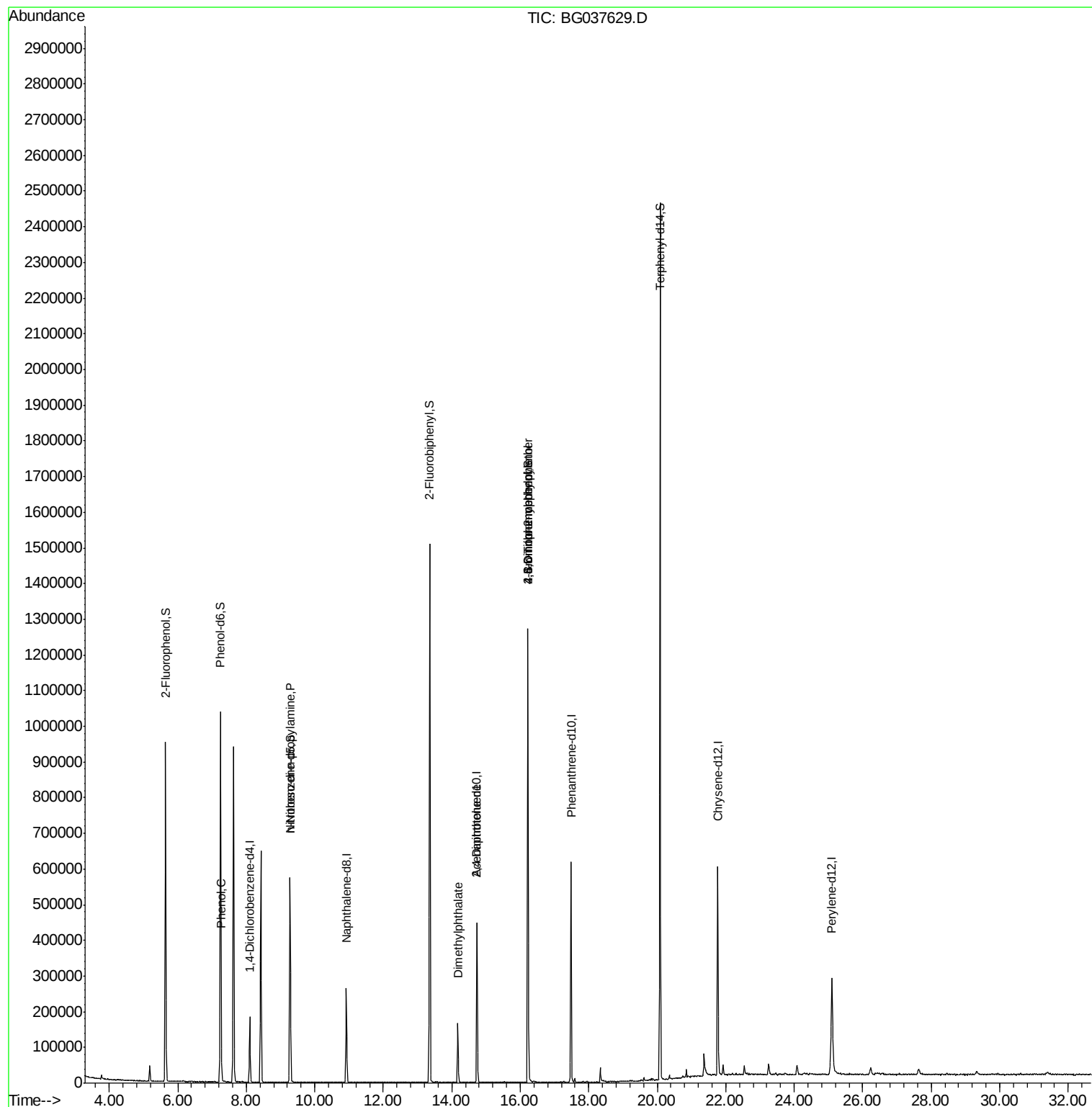
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55415	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	243315	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166095	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	394220	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363623	20.00	ng	0.00
87) Perylene-d12	25.10	264	350713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	441514	133.20	ng	0.00
7) Phenol-d6	7.25	99	646580	129.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	374780	86.29	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	234840	129.63	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	837008	75.99	ng	0.00
79) Terphenyl-d14	20.08	244	1209754	71.09	ng	0.00
Target Compounds						
10) Phenol	7.27	94	37769	7.142	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	47356	13.721	ng	# 67
50) Dimethylphthalate	14.18	163	124376	9.680	ng	98
57) 2,4-Dinitrotoluene	14.73	165	20556	5.509	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	853	8.847	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	16789	3.878	ng	# 1

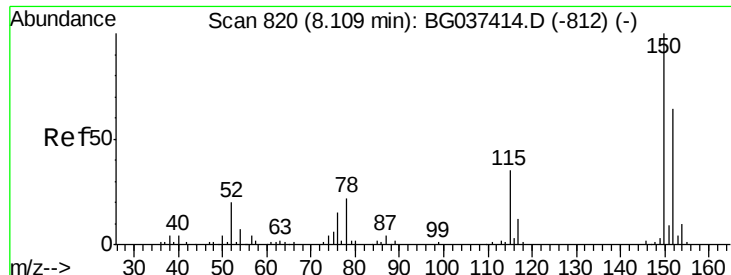
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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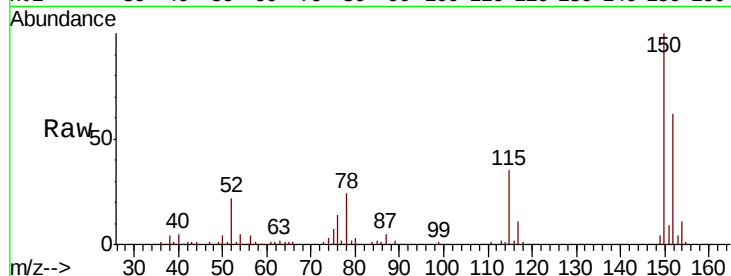


#1

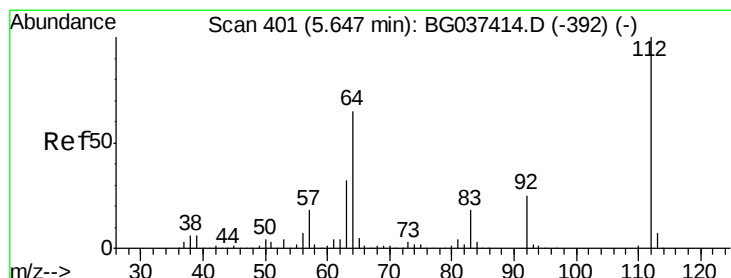
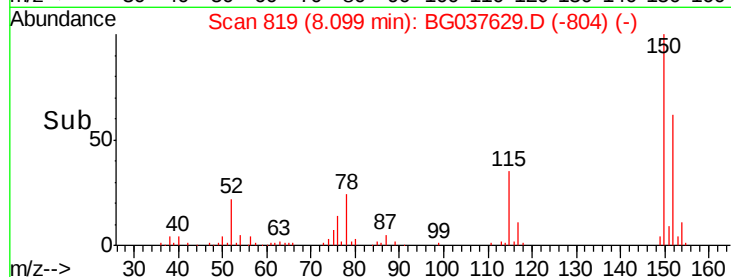
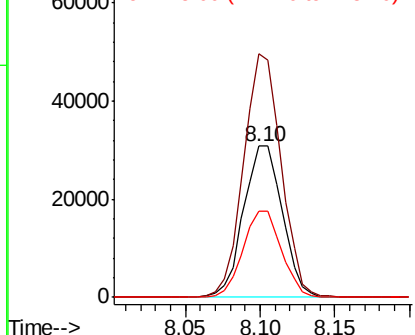
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55415
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.1 45.5 68.3



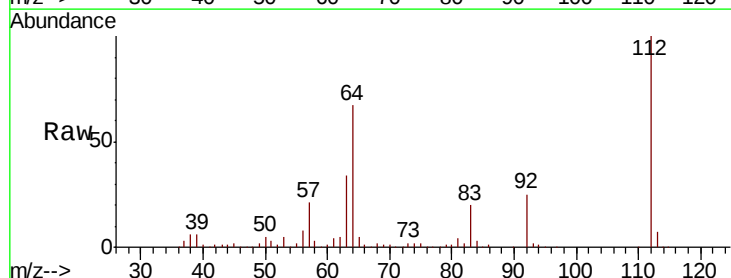
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



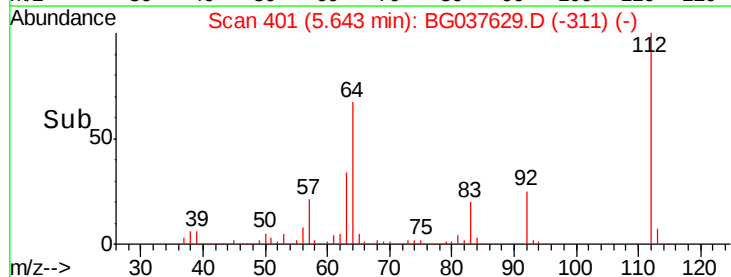
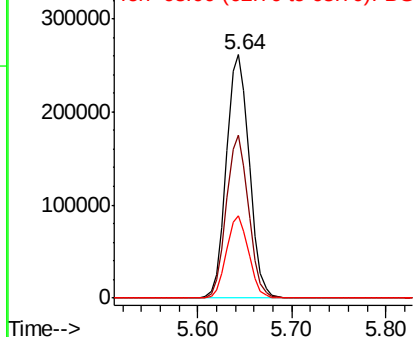
#5

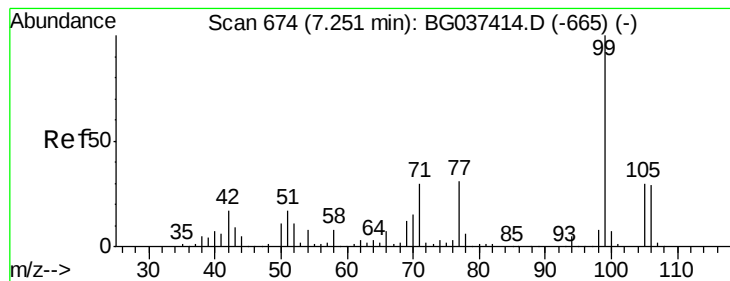
2-Fluorophenol
Concen: 133.203 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:112 Resp: 441514
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.9 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: 129.005 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

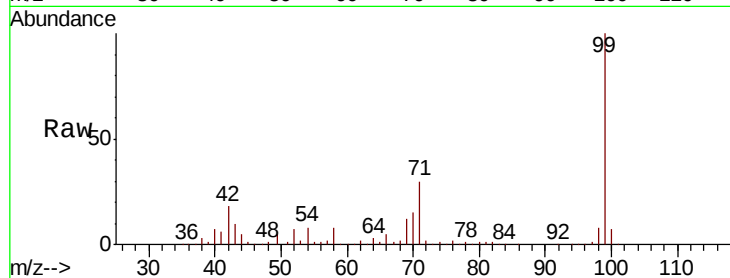
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 646580

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.3	25.5	38.3

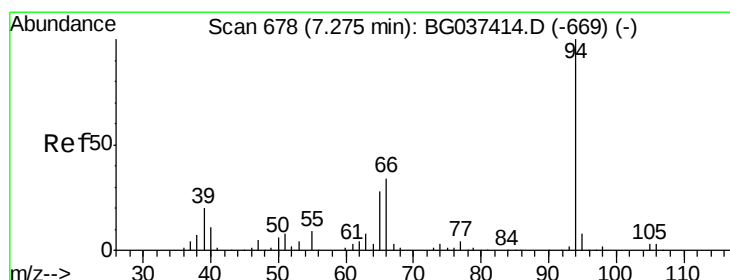
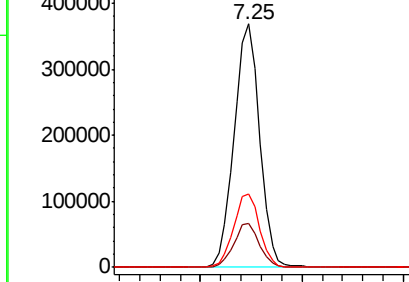
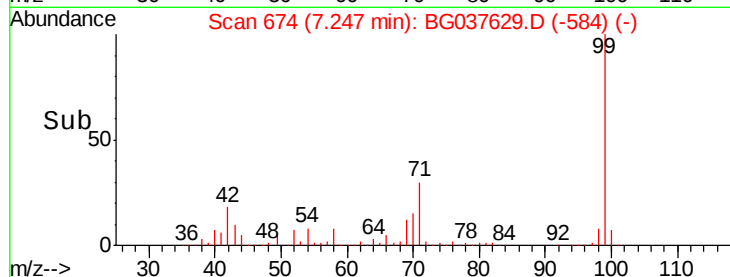


Abundance

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: 7.142 ng

RT: 7.27 min Scan# 678

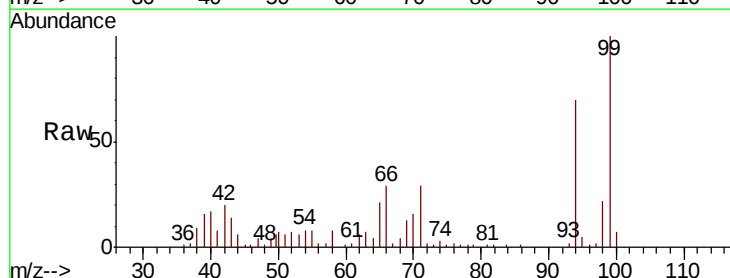
Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Tgt Ion: 94 Resp: 37769

Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.7	49.7
66	41.3	15.9	55.9

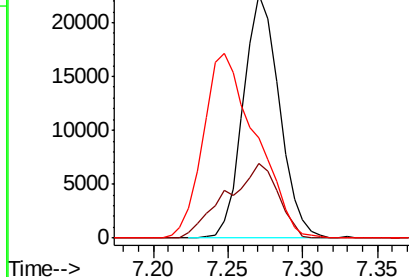
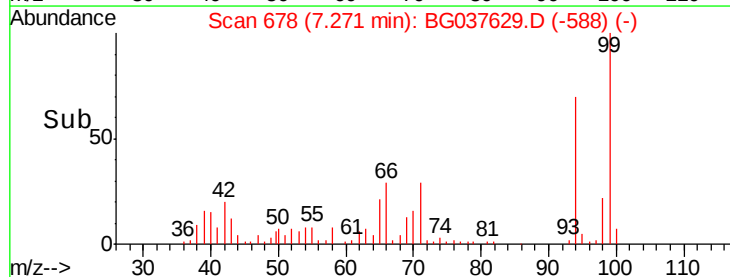


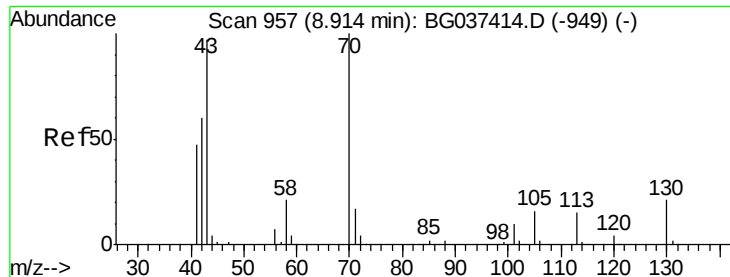
Abundance

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

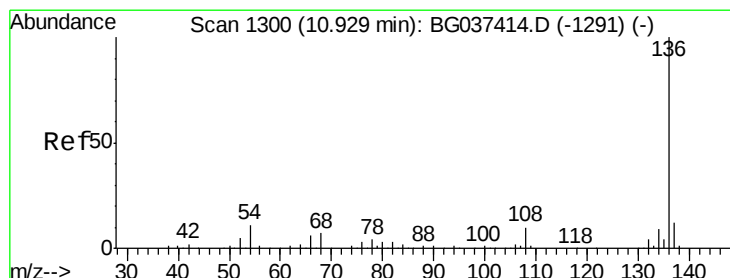
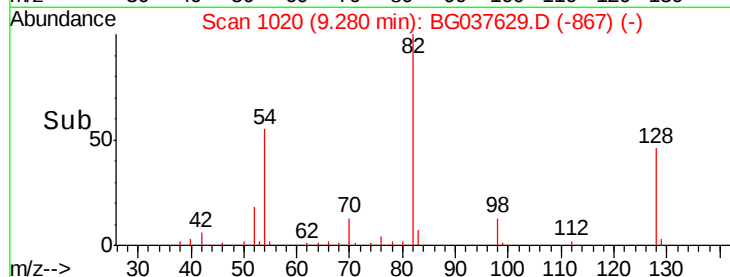
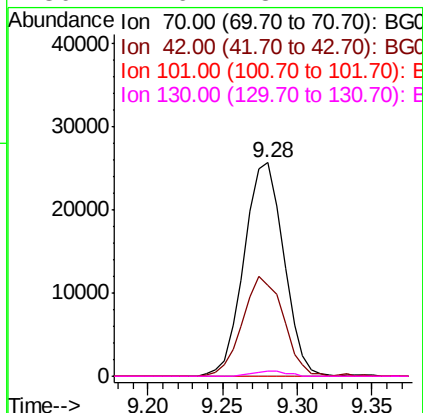
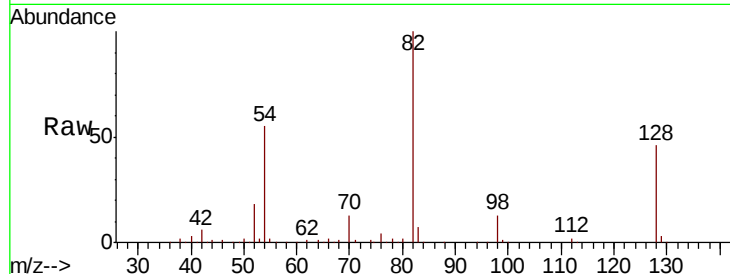




#19
n-Nitroso-di-n-propylamine
Concen: 13.721 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

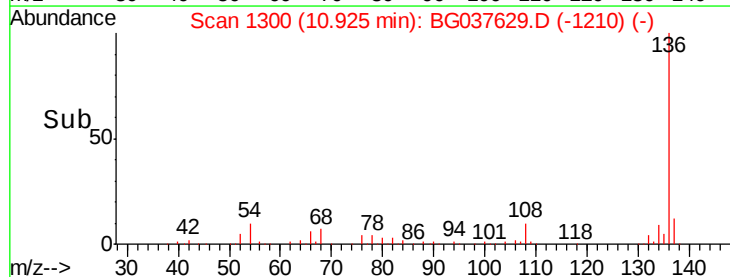
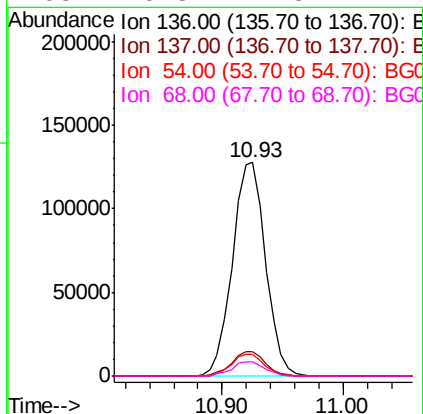
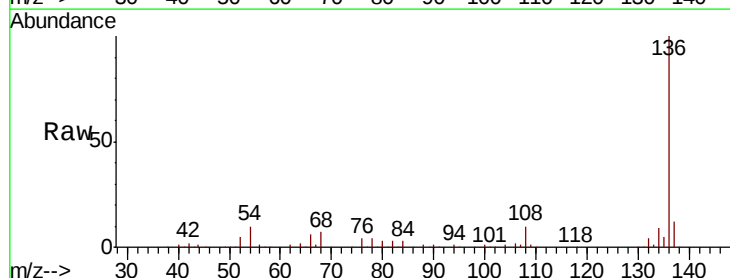
Instrument :
BNA_G
ClientSampled :

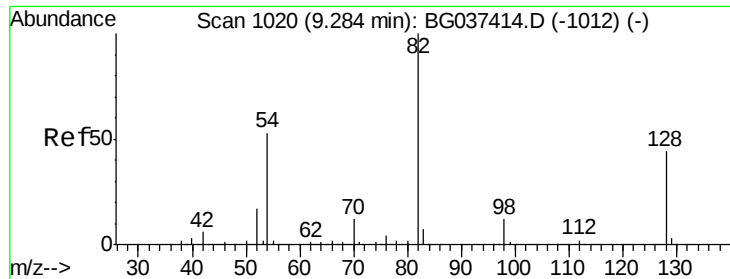
Tot Ion: 70 Resp: 47356
Ion Ratio Lower Upper
70 100
42 42.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion: 136 Resp: 243315
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 9.9 7.9 11.9
68 6.8 4.8 7.2

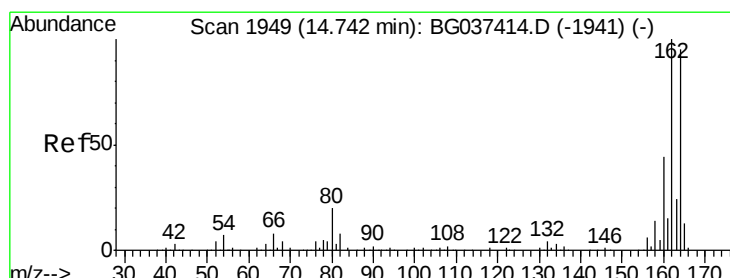
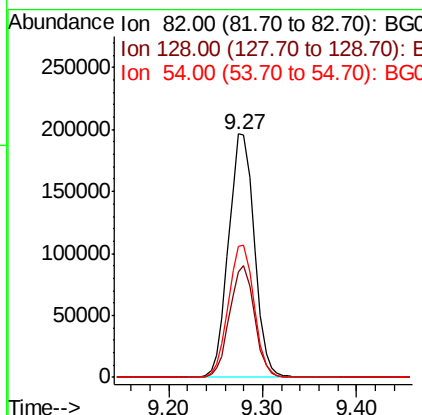
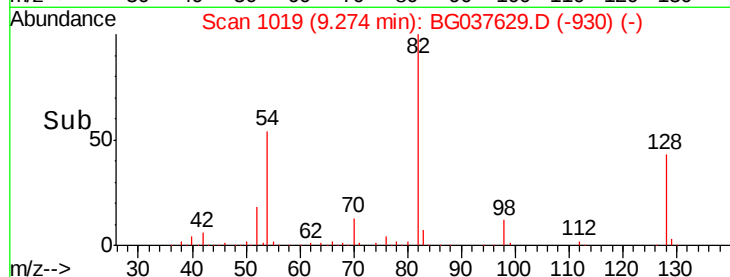
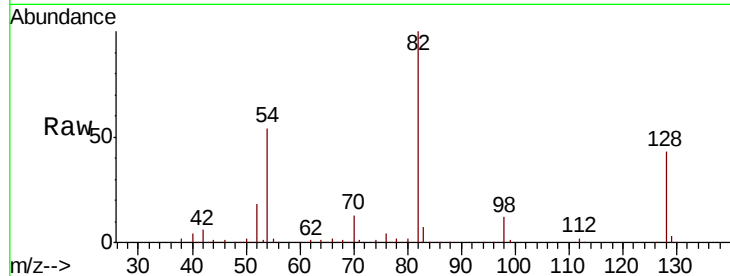




#23
 Nitrobenzene-d5
 Concen: 86.286 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

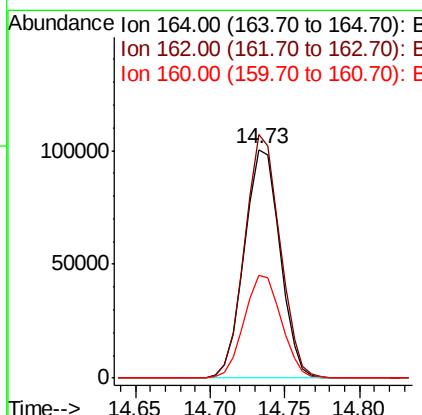
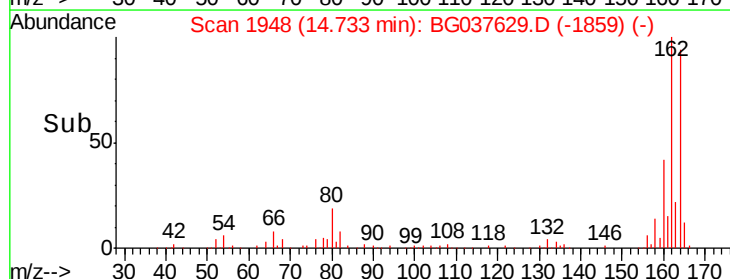
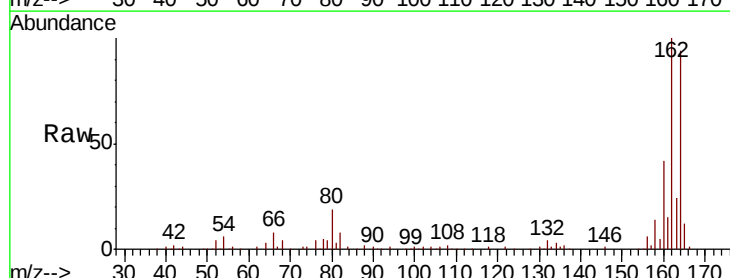
Instrument :
 BNA_G
 ClientSampled :

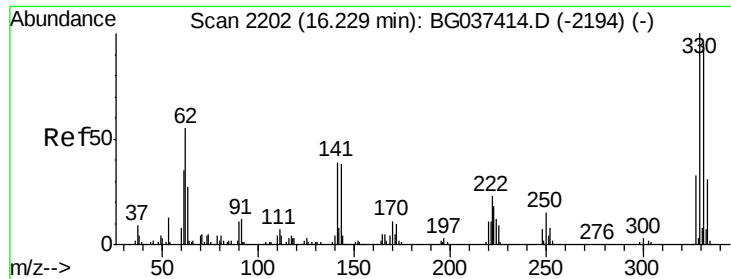
Tot Ion	82	Resp	374780
Ion Ratio	100	Lower	Upper
128	43.4	34.6	51.8
54	53.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Tgt Ion	164	Resp	166095
Ion Ratio	100	Lower	Upper
162	106.4	81.3	121.9
160	45.2	36.3	54.5

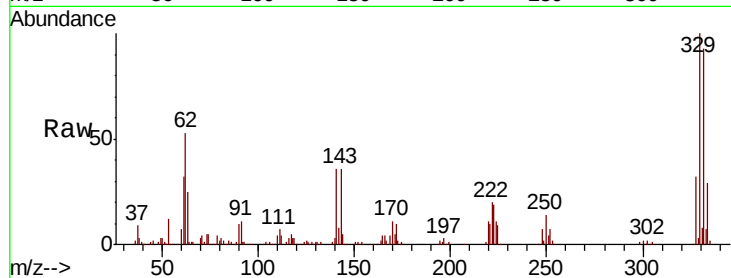




#42
 2,4,6-Tribromophenol
 Concen: 129.633 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	39.1	32.2	48.2

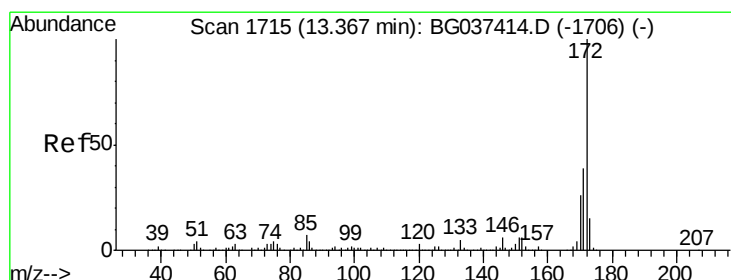
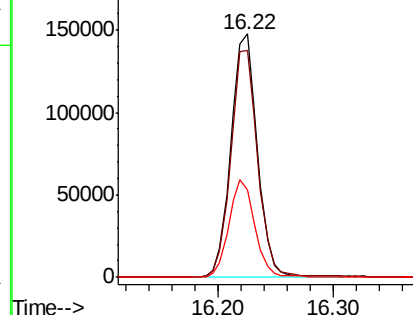
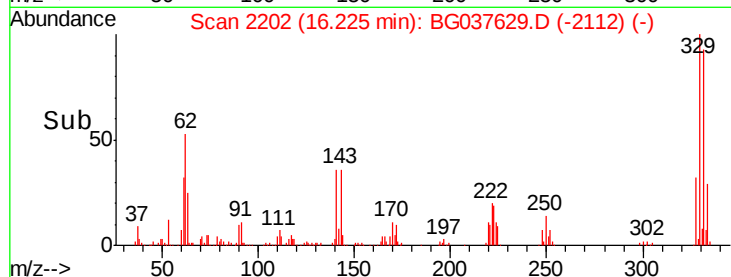


Abundance

Ion 329.80 (329.50 to 330.50): E

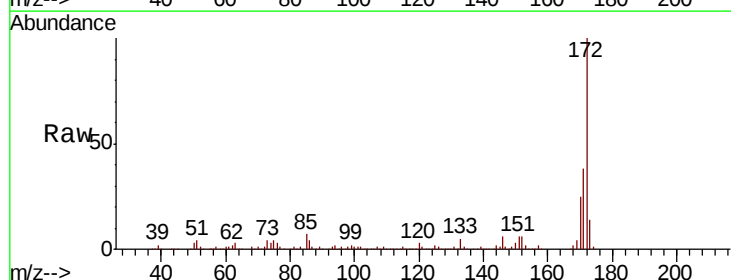
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.990 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.0	20.2	30.2

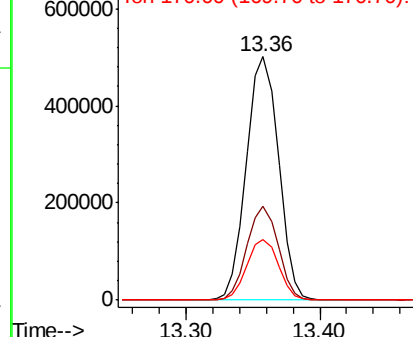
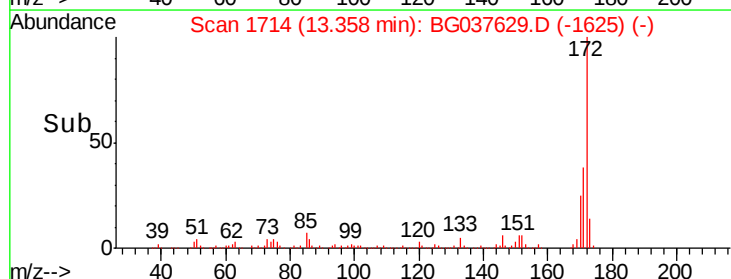


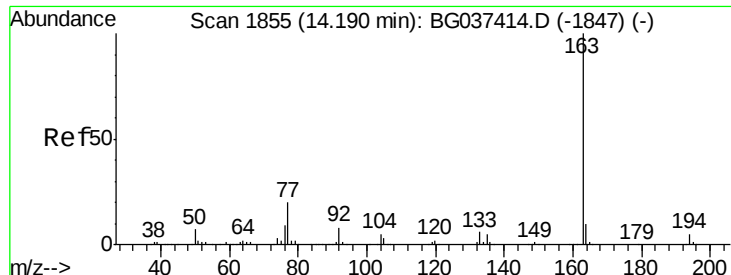
Abundance

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: 9.680 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

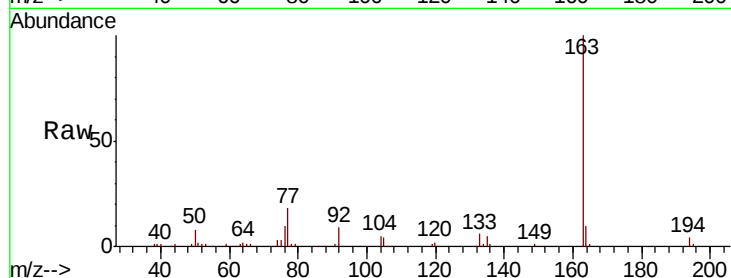
Tot Ion:163 Resp: 124376

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

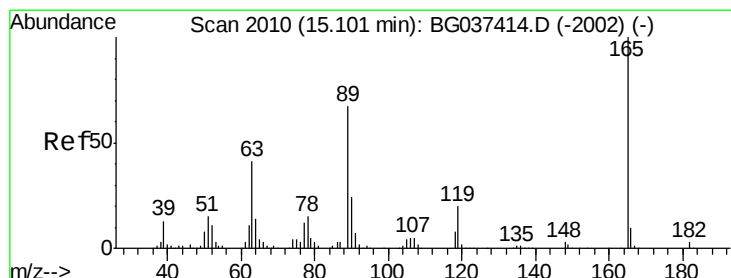
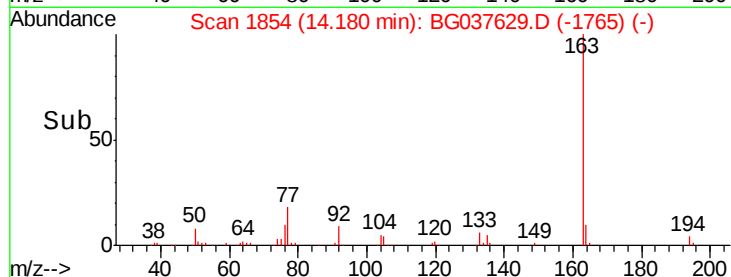
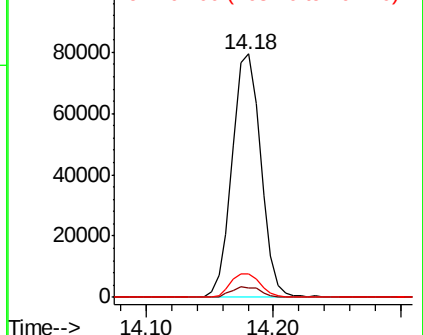
164 9.6 8.5 12.7



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: 5.509 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Tgt Ion:165 Resp: 20556

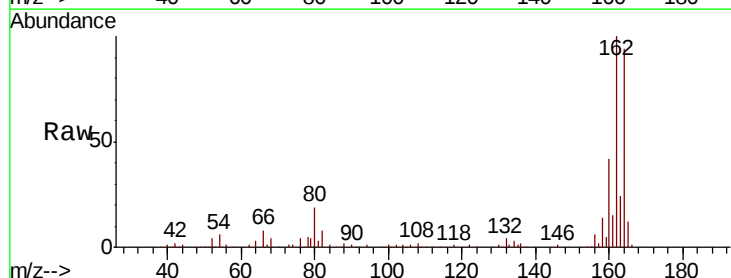
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

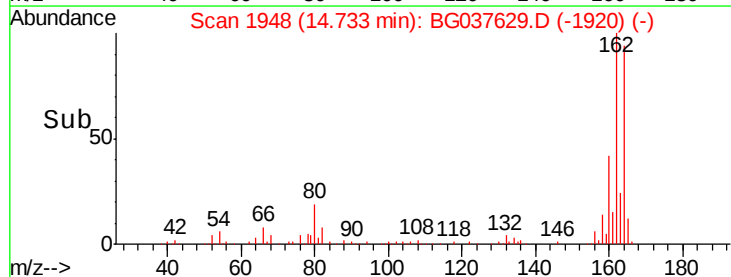
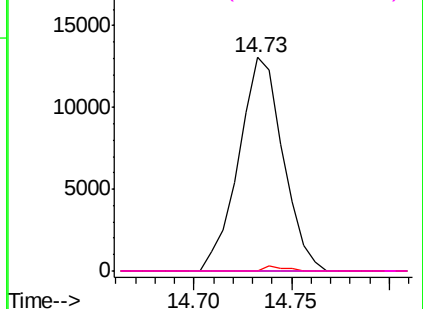


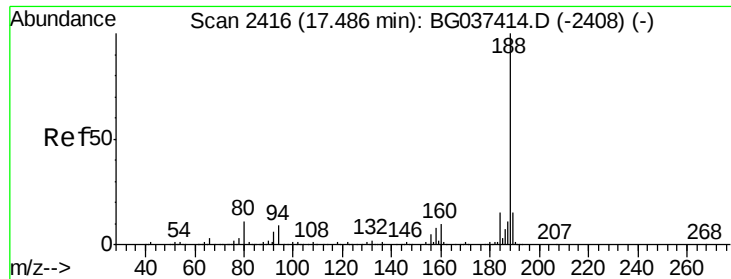
Abundance Ion 165.00 (164.70 to 165.70): E

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

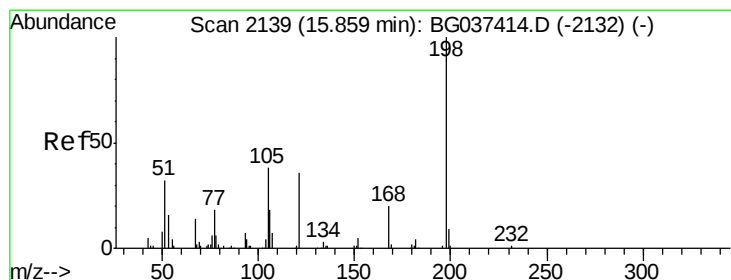
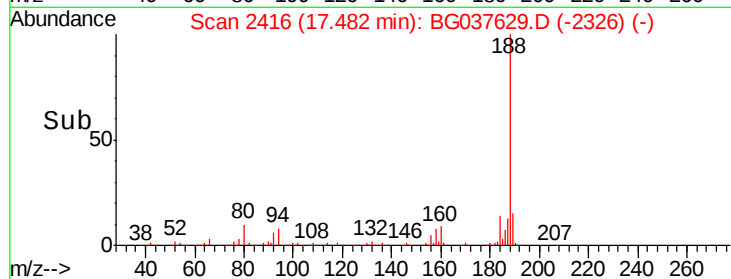
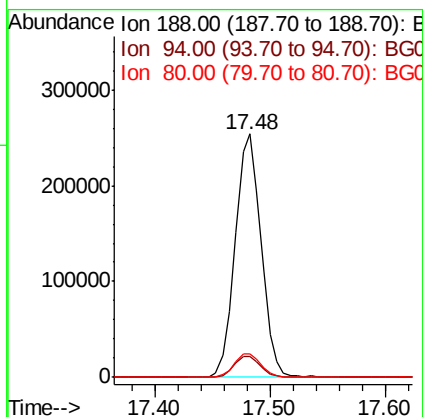
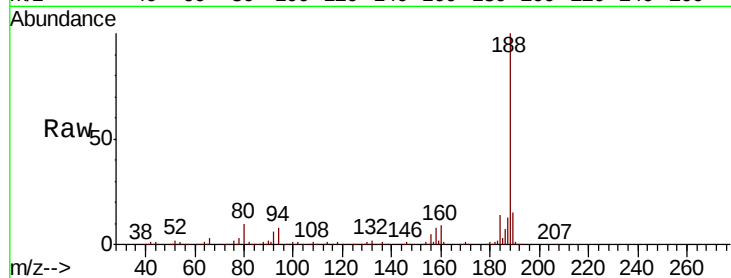




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

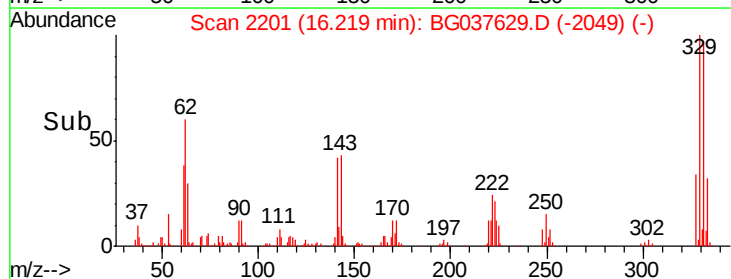
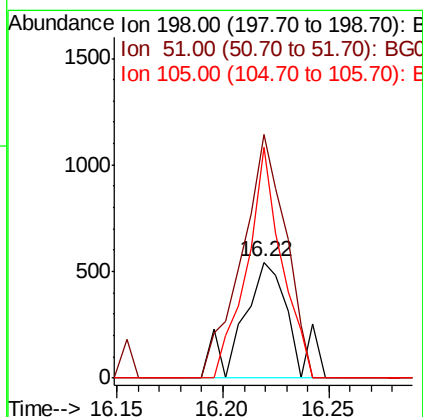
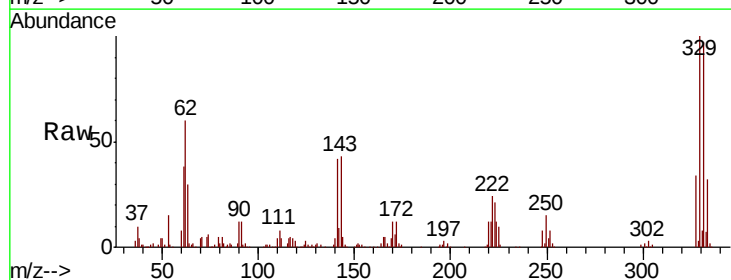
Instrument :
BNA_G
ClientSampleId :

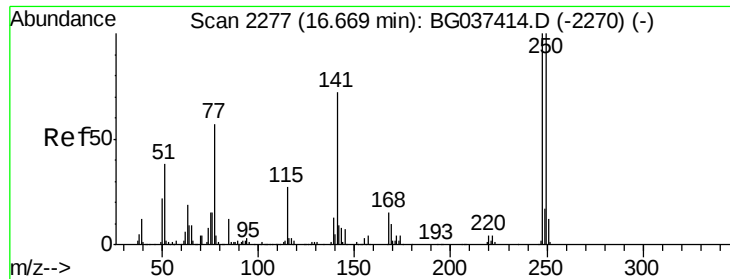
Tot Ion:188 Resp: 394220
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.8 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.847 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:198 Resp: 853
Ion Ratio Lower Upper
198 100
51 38.8 22.7 62.7
105 36.8 19.7 59.7

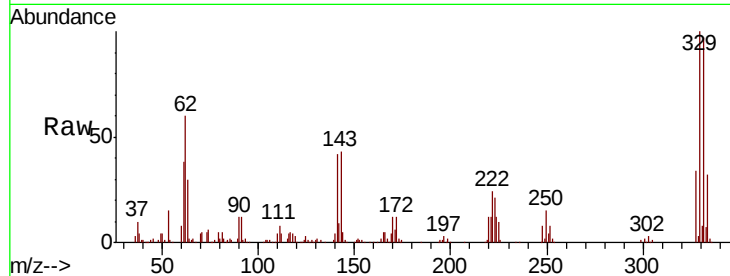




#67
 4-Bromophenyl-phenylether
 Concen: 3.878 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.9	77.0	115.6#
141	427.6	55.5	83.3#

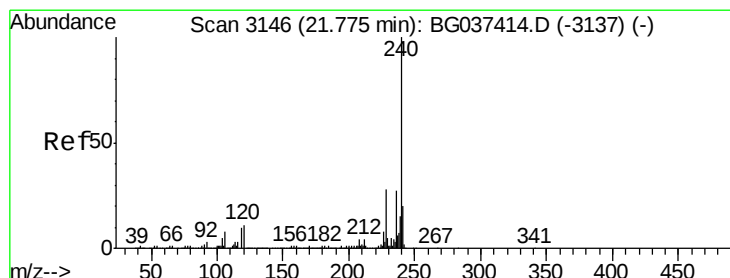
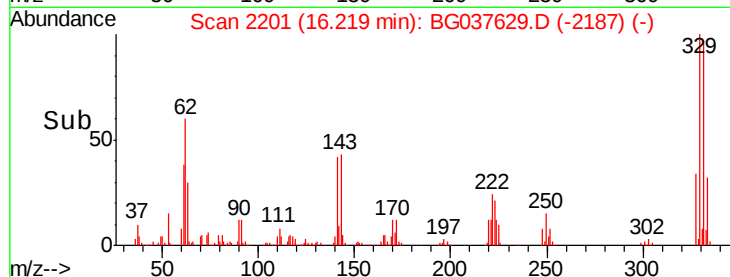
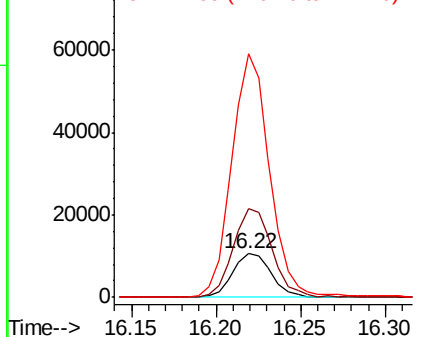


Abundance

Ion 248.00 (247.70 to 248.70): E

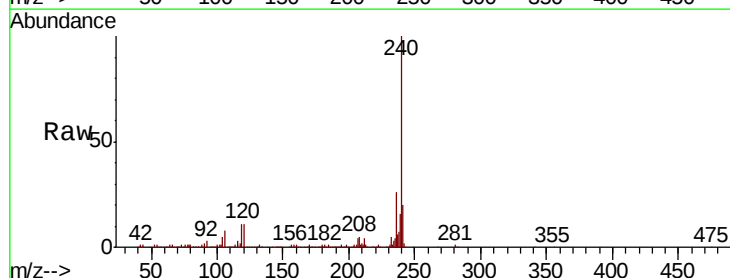
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.1	21.4	32.0

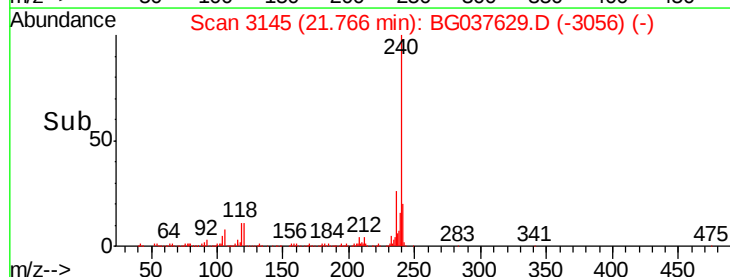
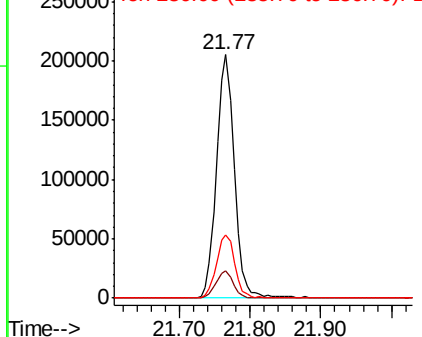


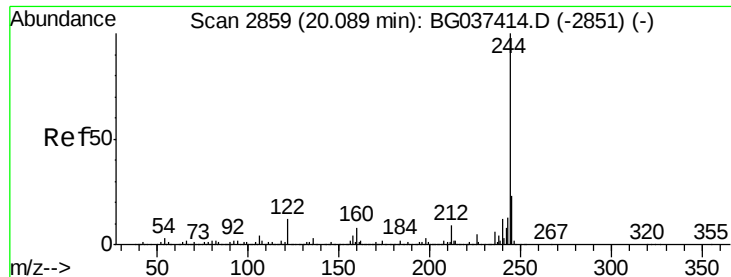
Abundance

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: 71.089 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

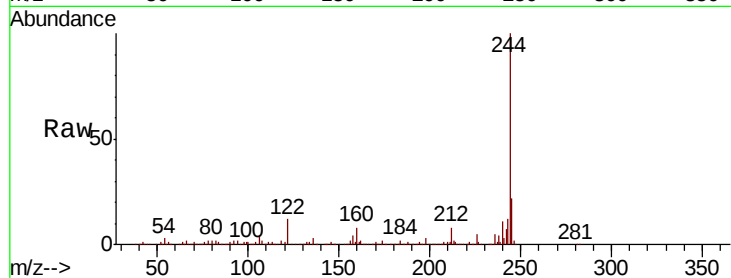
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1209754

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.6	9.0	13.4

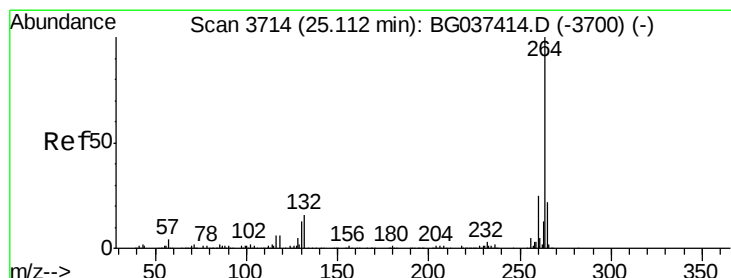
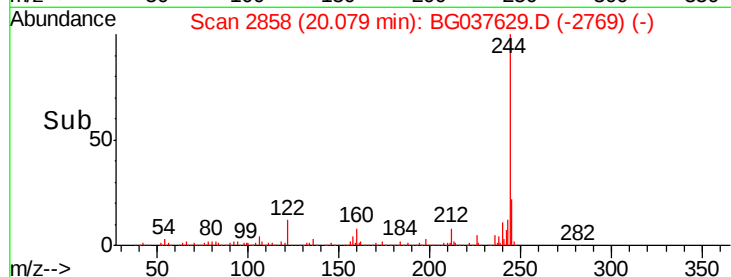
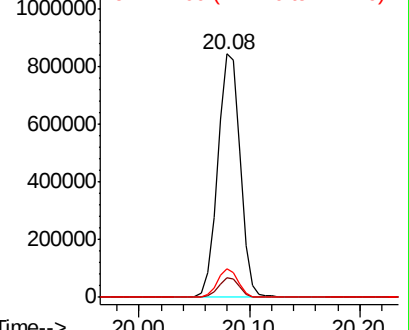


Abundance

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: 25.10 min Scan# 3713

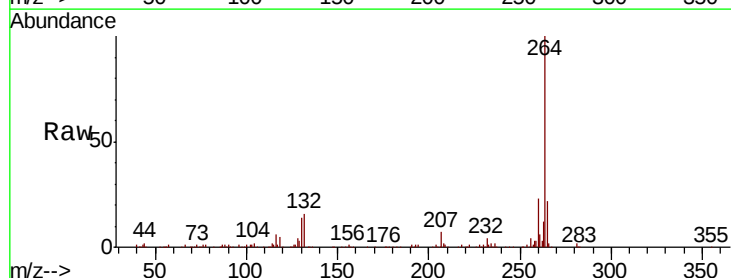
Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Tgt Ion:264 Resp: 350713

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.7	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

