

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037590.D
 Acq On : 26 Oct 2018 21:07
 Operator : JU/SJ
 Sample : J5662-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102318-DBRI-F-D-B

Quant Time: Oct 27 03:40:43 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

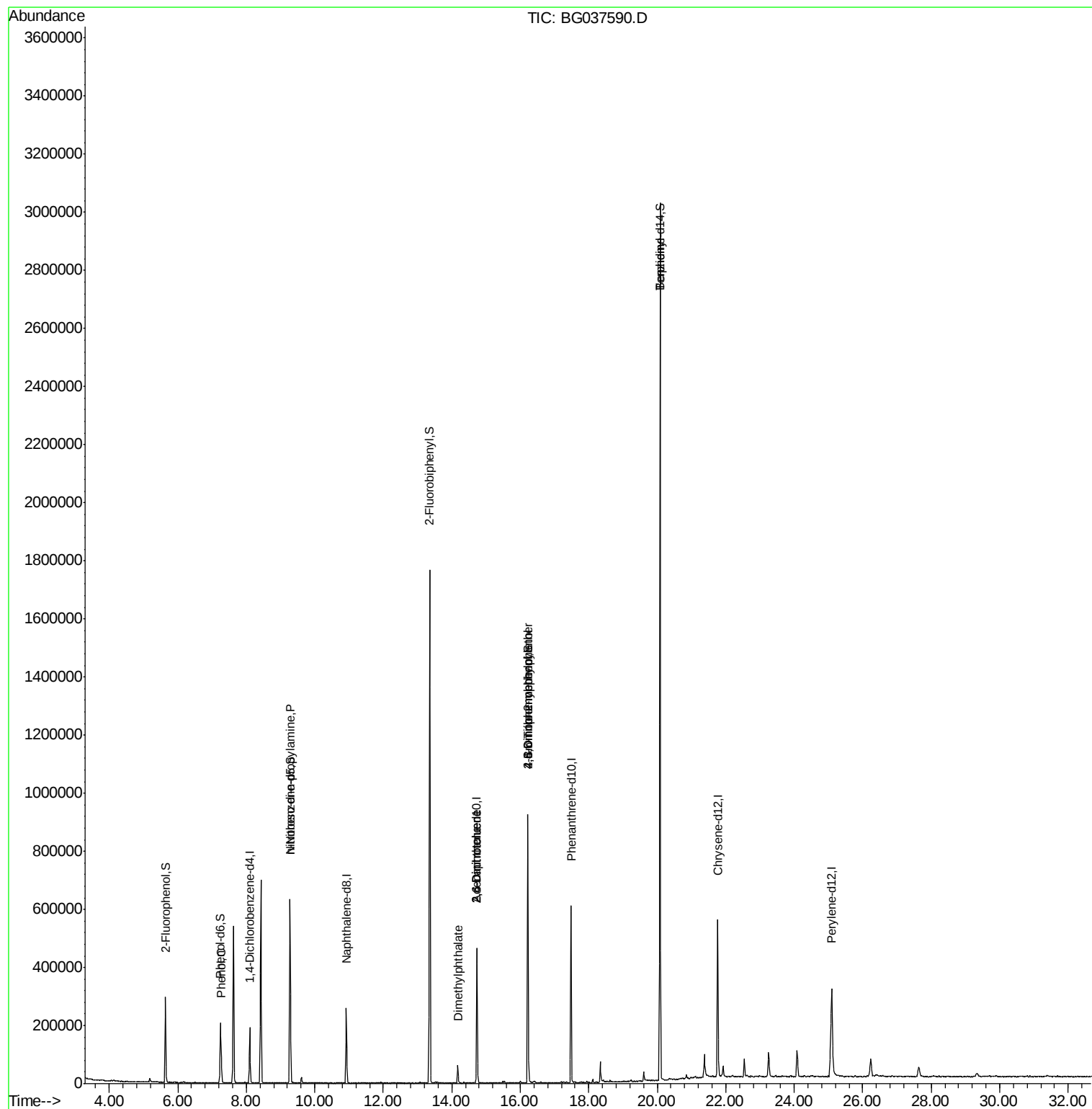
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55092	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	232657	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158762	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	387266	20.00	ng	0.00
76) Chrysene-d12	21.77	240	350415	20.00	ng	0.00
87) Perylene-d12	25.10	264	343897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	138804	42.12	ng	0.00
7) Phenol-d6	7.24	99	128657	25.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	400465	96.42	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	164700	95.11	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	955639	90.77	ng	0.00
79) Terphenyl-d14	20.08	244	1438804	87.74	ng	0.00
Target Compounds						
10) Phenol	7.27	94	68146	12.962	ng	97
19) n-Nitroso-di-n-propylamine	9.28	70	49439	14.408	ng	# 70
50) Dimethylphthalate	14.18	163	46602	3.794	ng	97
51) 2,6-Dinitrotoluene	14.73	165	20372	7.498	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20372	5.712	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	644	8.768	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	12301	2.892	ng	# 1
77) Benzidine	20.08	184	24095	2.022	ng	# 92

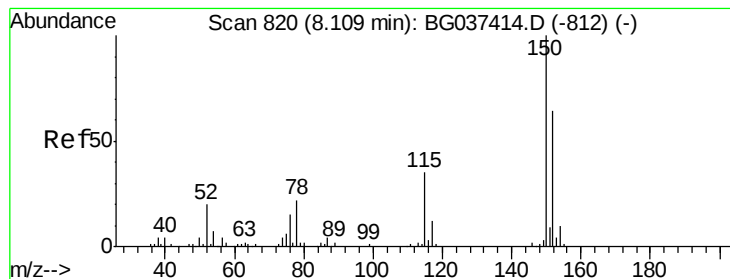
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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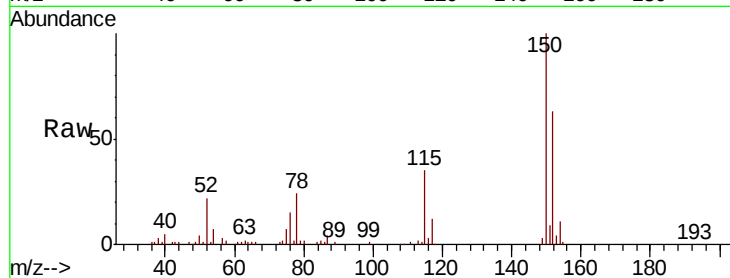


#1

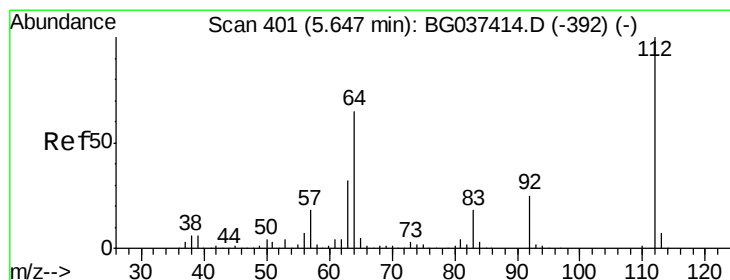
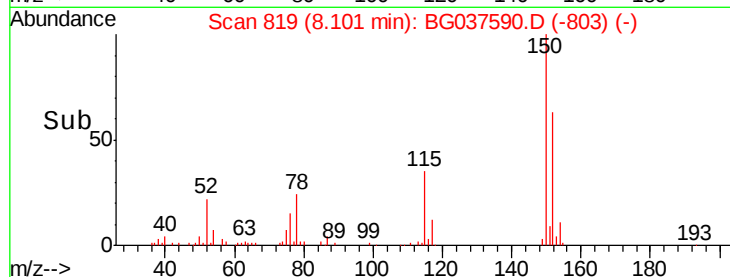
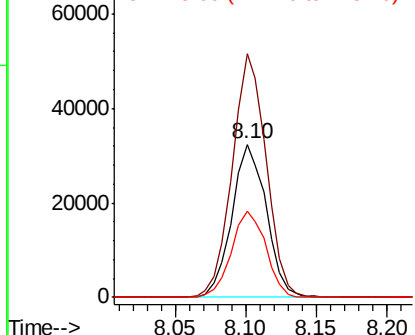
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :
102318-DBRI-F-D-B

Tot Ion:152 Resp: 55092
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 56.0 45.5 68.3



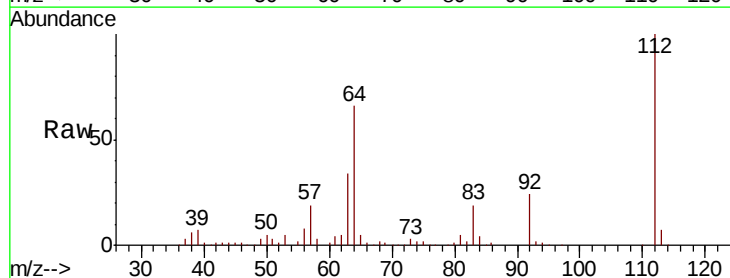
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



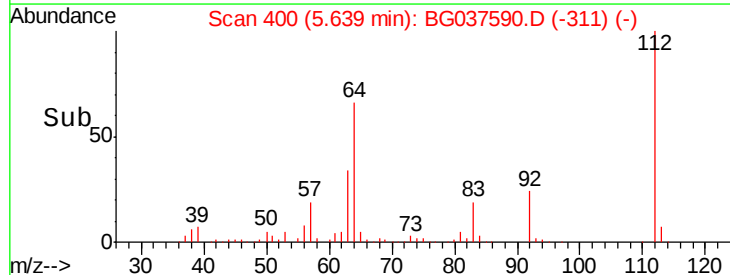
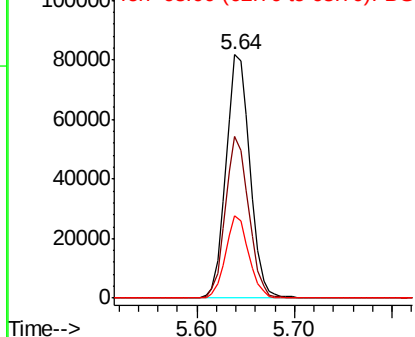
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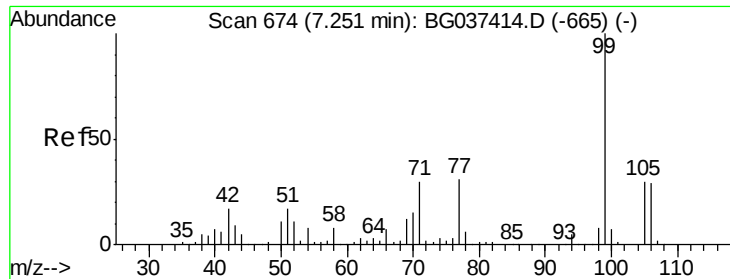
2-Fluorophenol
Concen: 42.122 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:112 Resp: 138804
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.6 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: 25.820 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

102318-DBRI-F-D-B

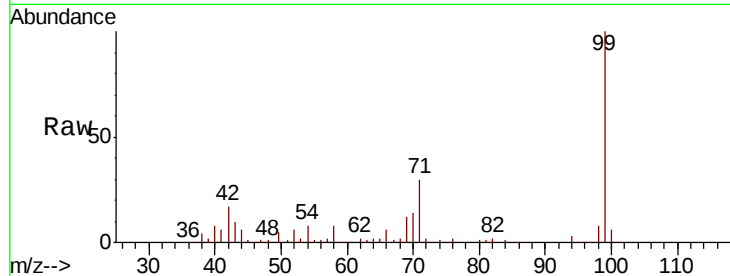
Tot Ion: 99 Resp: 128657

Ion Ratio Lower Upper

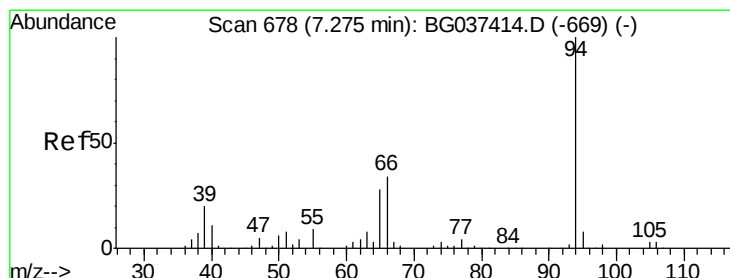
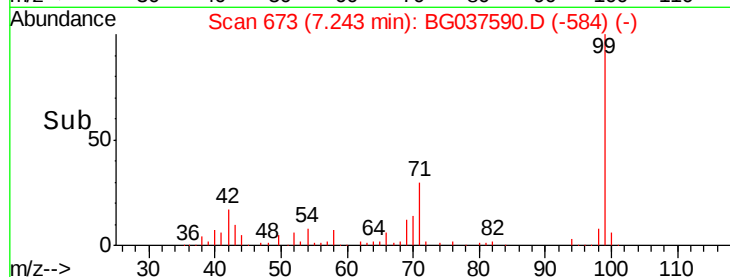
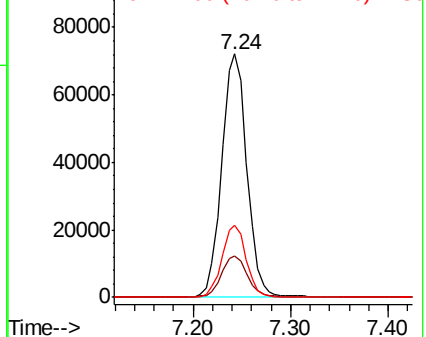
99 100

42 17.0 15.0 22.4

71 29.8 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: 12.962 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

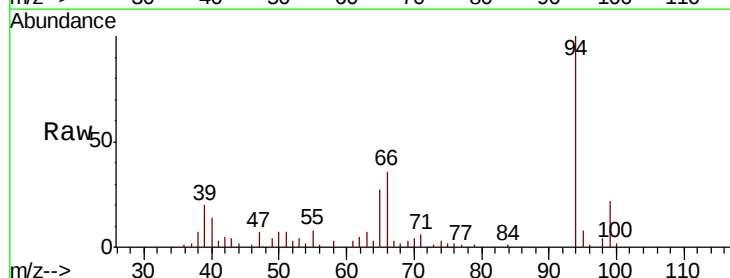
Tgt Ion: 94 Resp: 68146

Ion Ratio Lower Upper

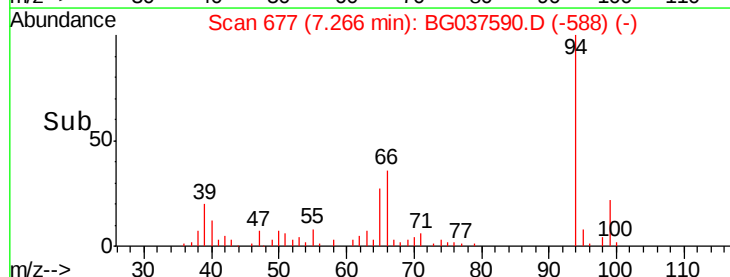
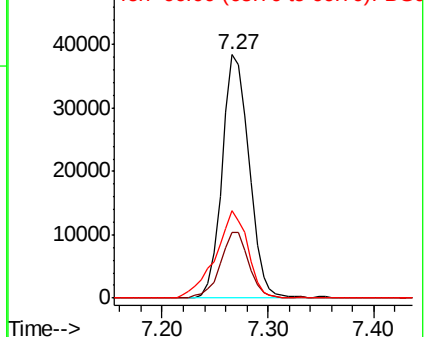
94 100

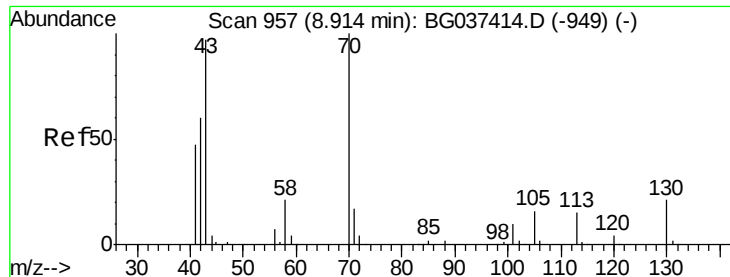
65 27.0 9.7 49.7

66 35.7 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

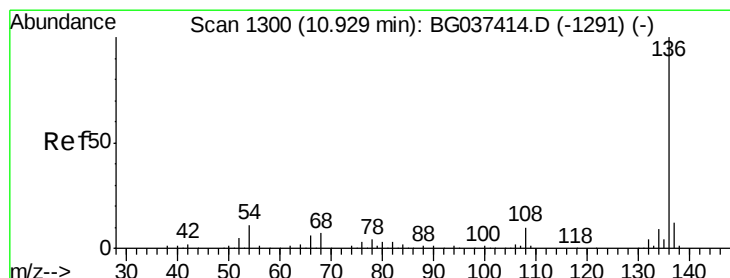
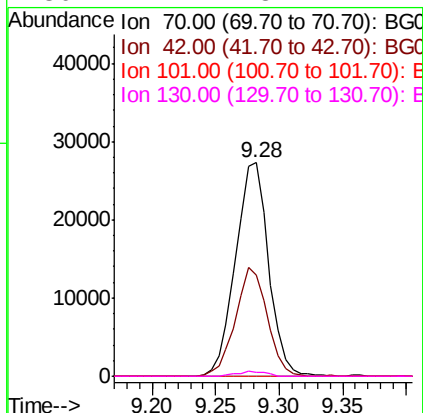
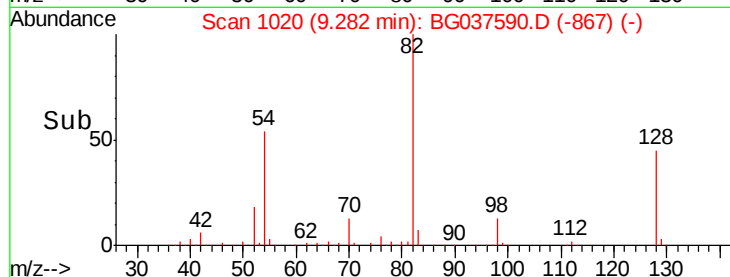
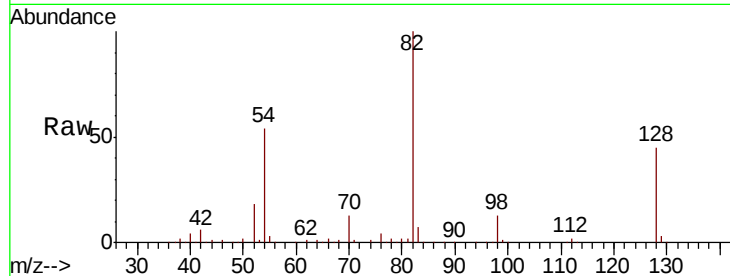




#19
n-Nitroso-di-n-propylamine
Concen: 14.408 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

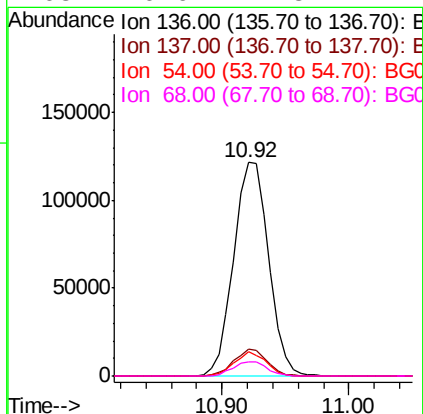
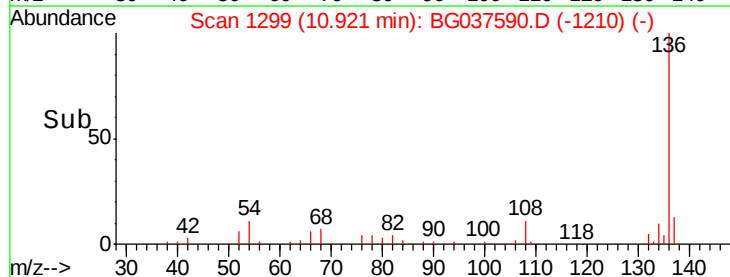
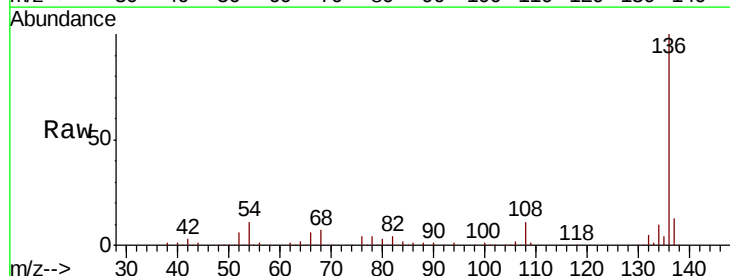
Instrument :
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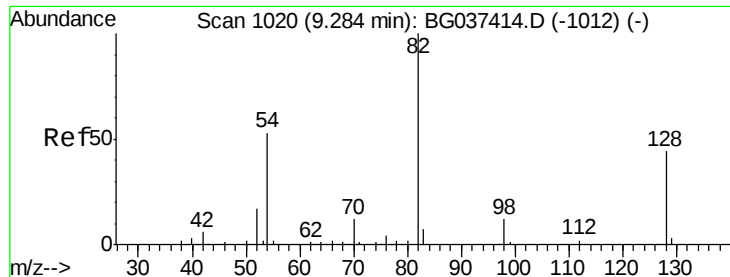
Tot Ion: 70 Resp: 49439
Ion Ratio Lower Upper
70 100
42 47.1 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion: 136 Resp: 232657
Ion Ratio Lower Upper
136 100
137 12.7 9.6 14.4
54 11.9 7.9 11.9
68 6.6 4.8 7.2

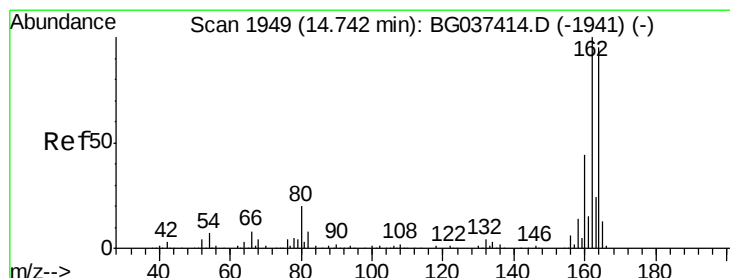
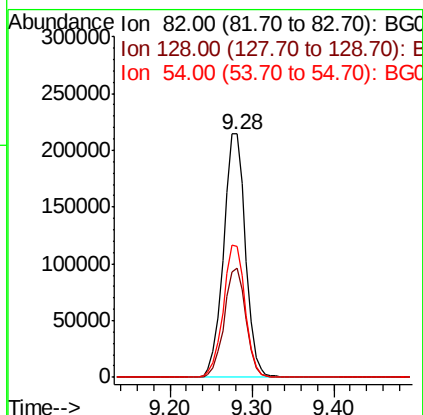
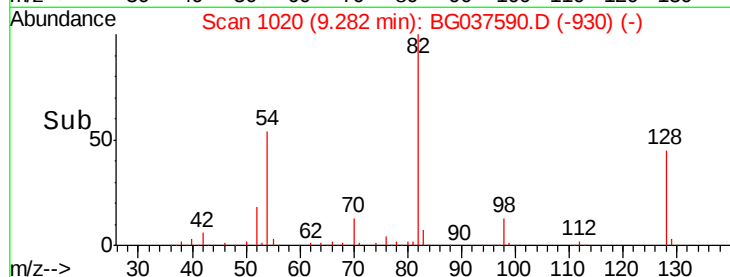
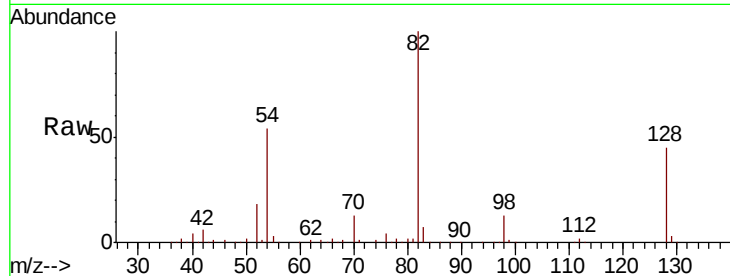




#23
Nitrobenzene-d5
Concen: 96.424 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

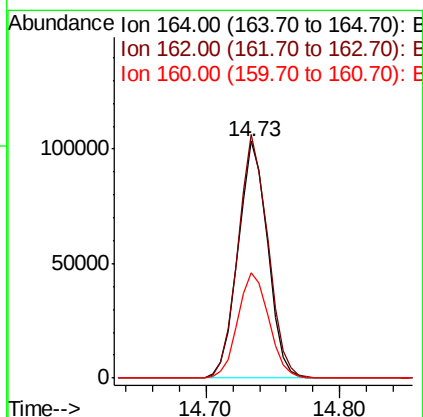
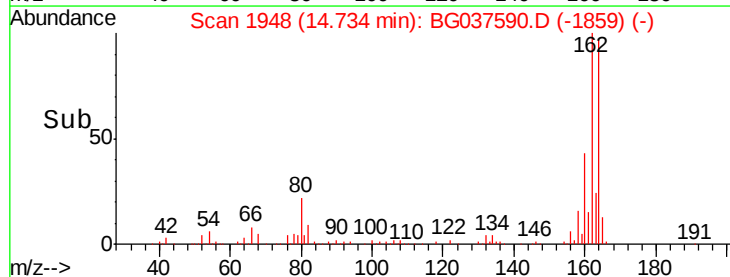
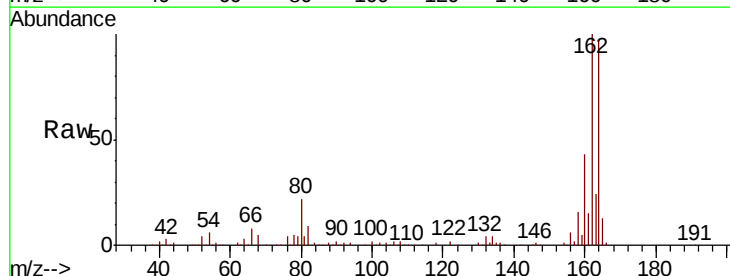
Instrument :
BNA_G
ClientSampleId :
102318-DBRI-F-D-B

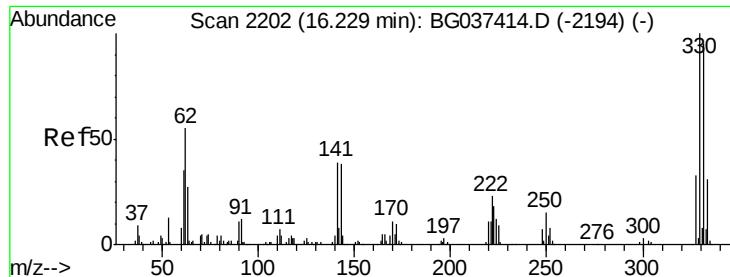
Tot Ion	82	Resp	400465
Ion Ratio	100	Lower	Upper
128	45.1	34.6	51.8
54	53.9	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion	164	Resp	158762
Ion Ratio	100	Lower	Upper
162	102.7	81.3	121.9
160	44.4	36.3	54.5

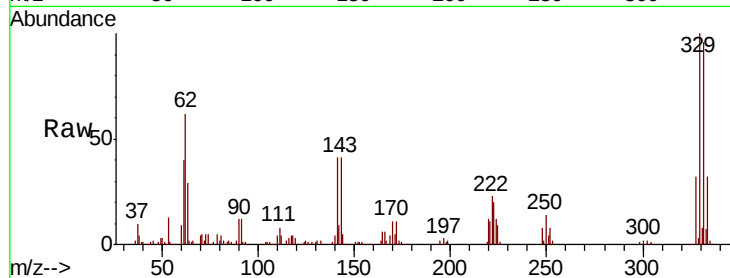




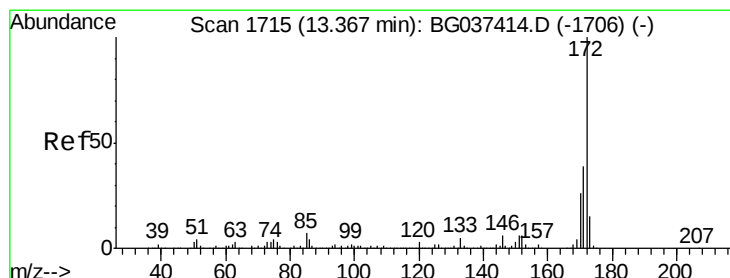
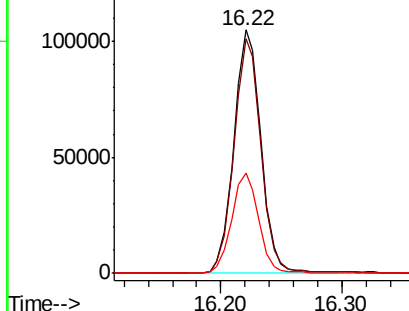
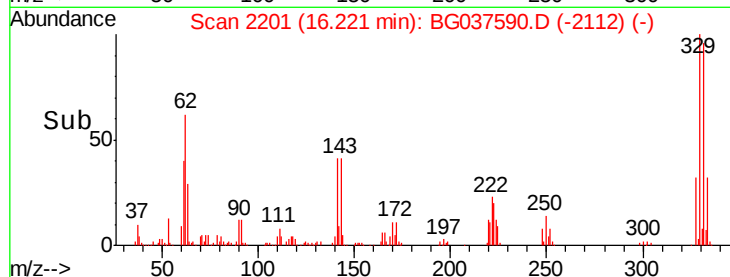
#42
 2,4,6-Tribromophenol
 Concen: 95.114 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 102318-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	41.0	32.2	48.2

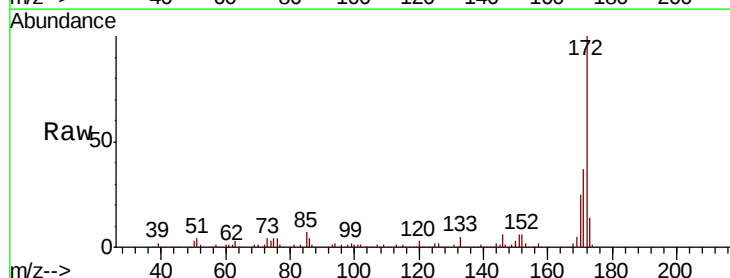


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

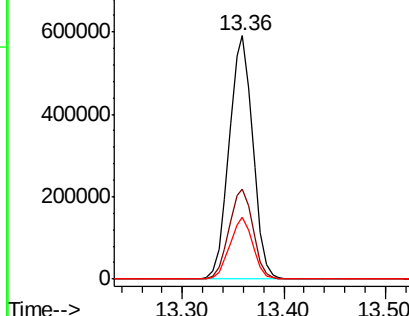
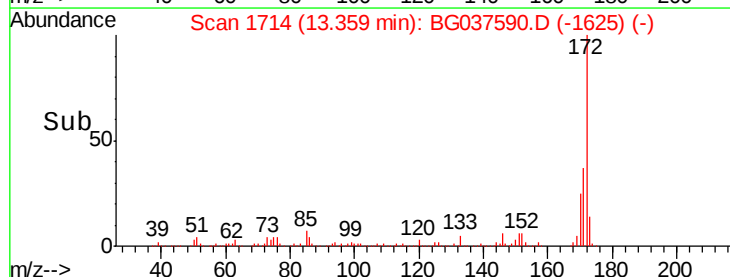


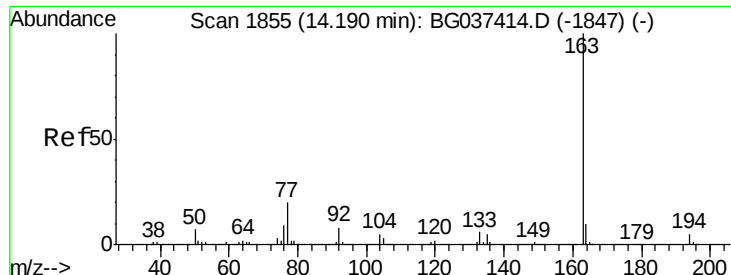
#45
 2-Fluorobiphenyl
 Concen: 90.768 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.1	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: 3.794 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

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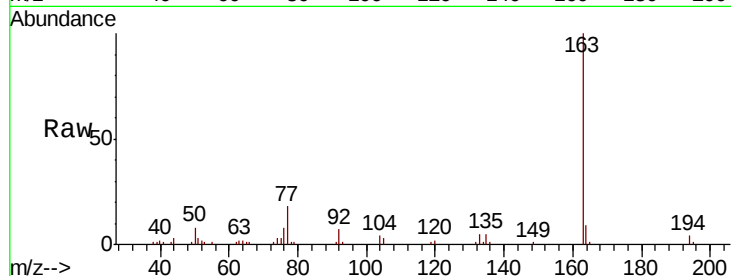
Tot Ion:163 Resp: 46602

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

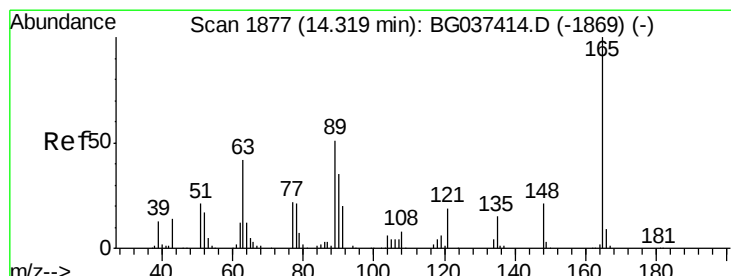
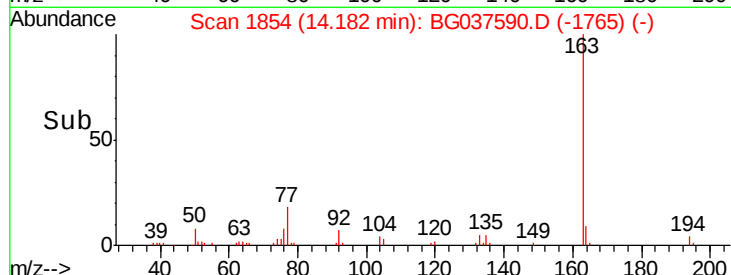
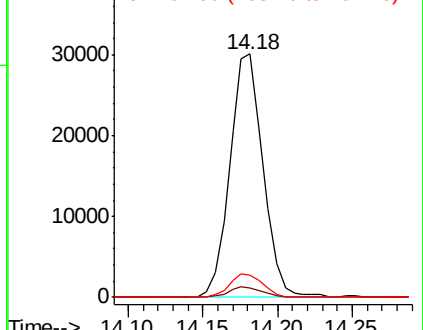
164 9.1 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.498 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.41 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

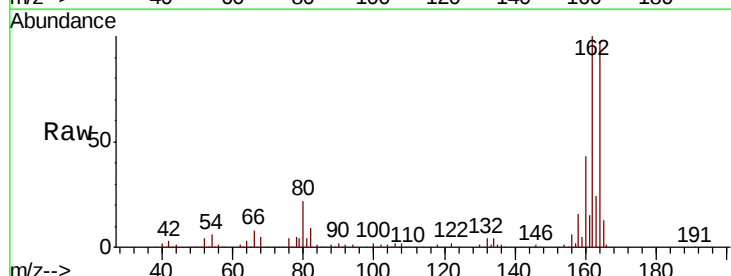
Tgt Ion:165 Resp: 20372

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.2#

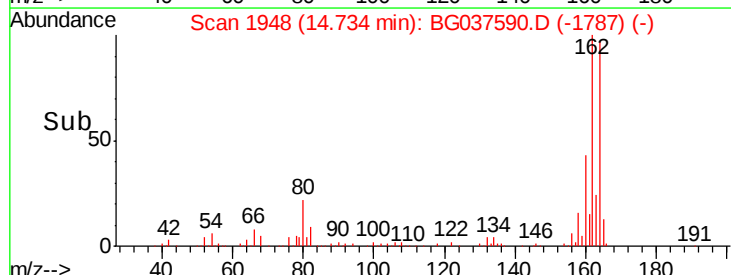
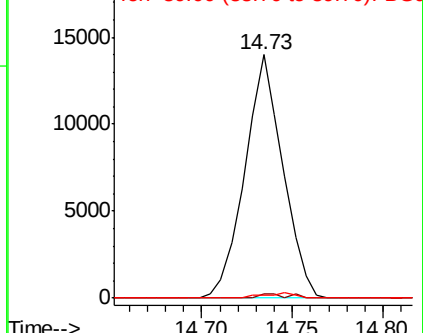
89 1.4 45.8 68.6#

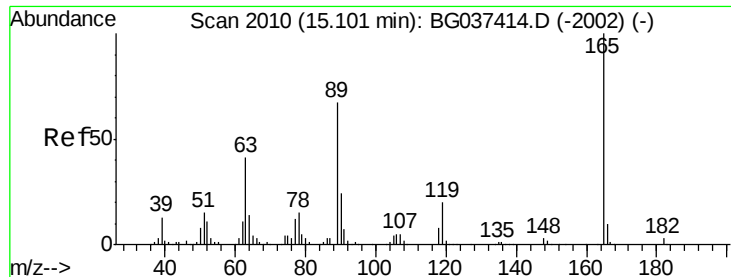


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

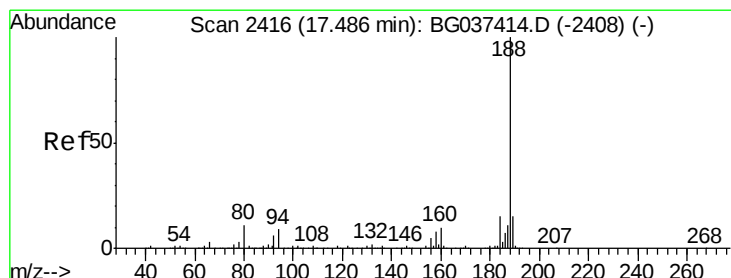
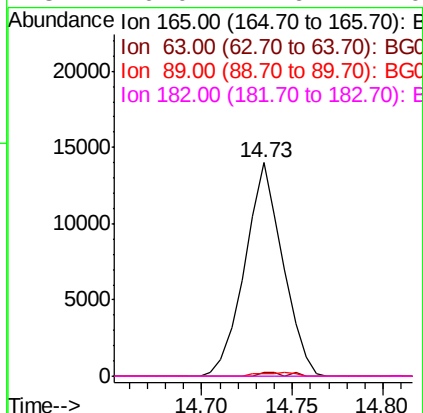
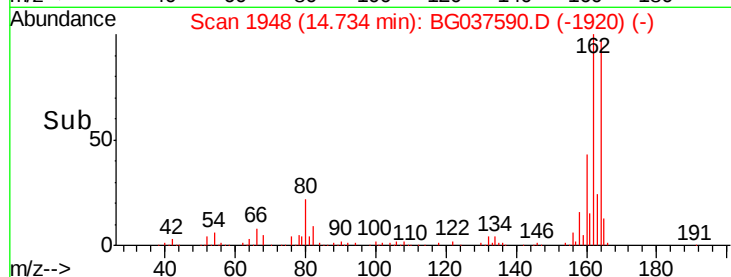
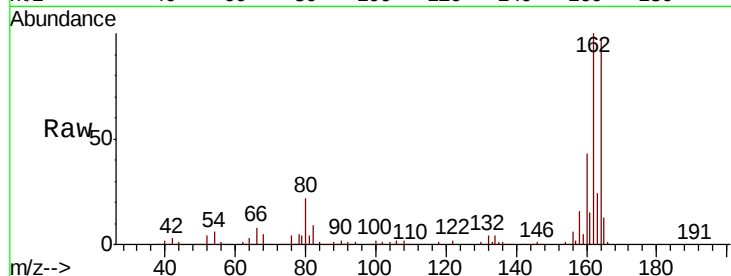




#57
 2,4-Dinitrotoluene
 Concen: 5.712 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

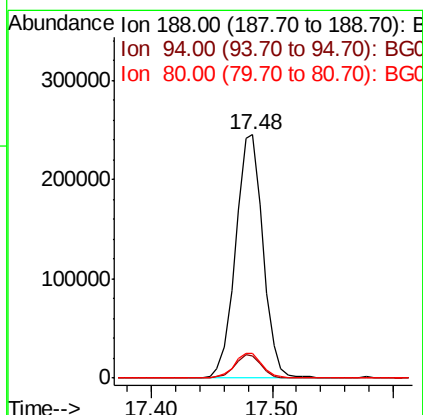
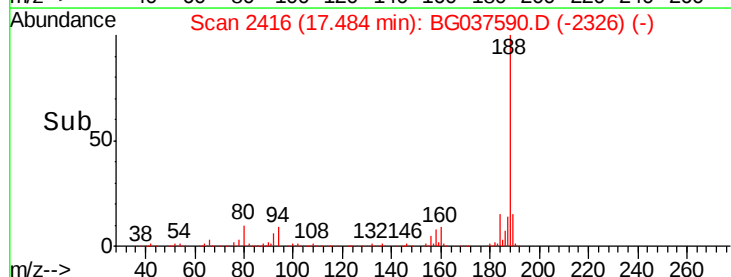
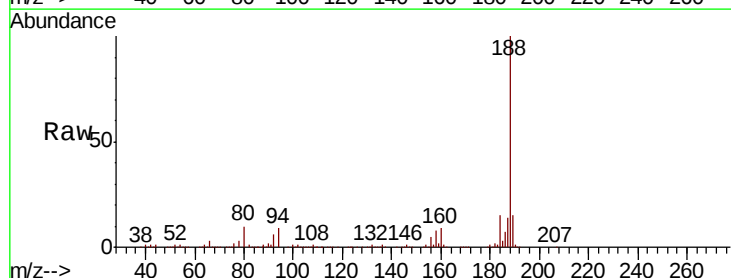
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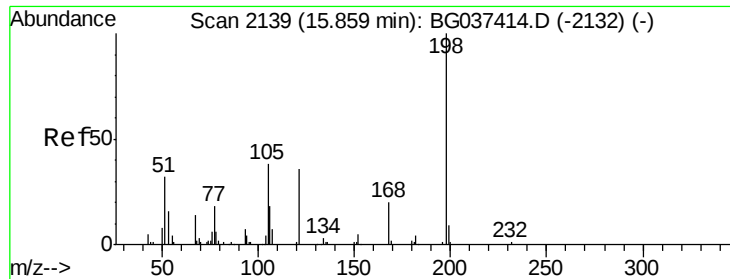
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.4	7.7	11.5

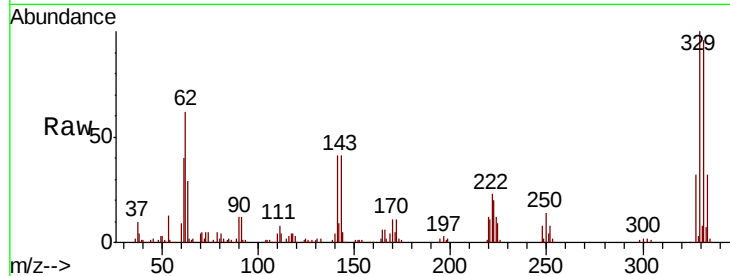




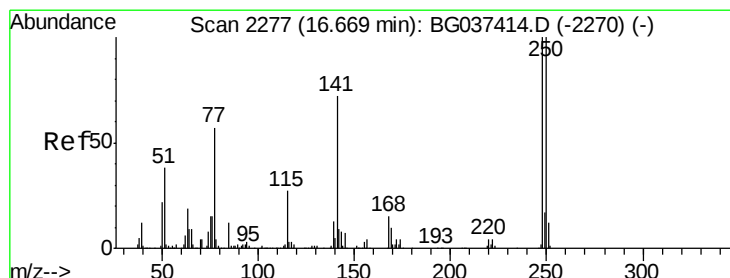
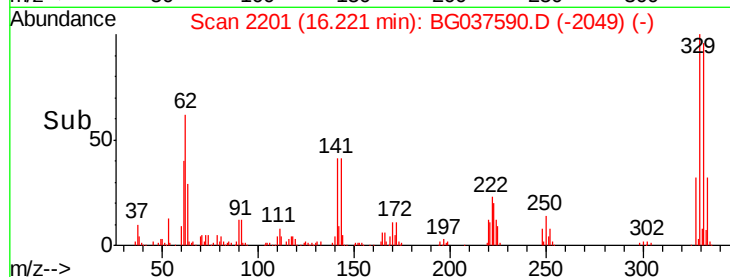
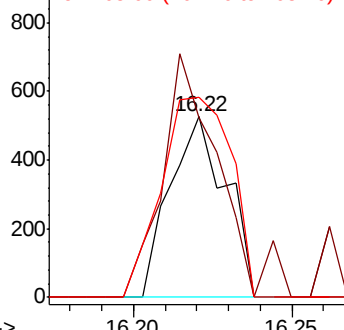
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.768 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 102318-DBRI-F-D-B

Tot Ion:198 Resp: 644
 Ion Ratio Lower Upper
 198 100
 51 22.9 22.7 62.7
 105 25.5 19.7 59.7

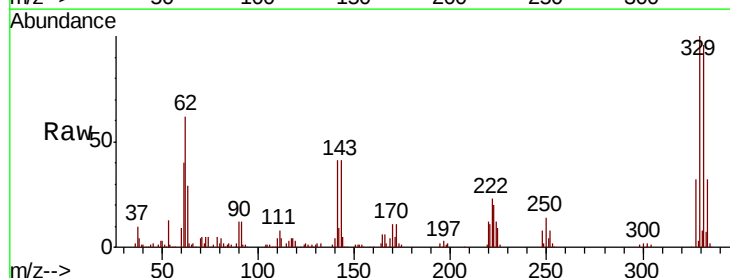


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

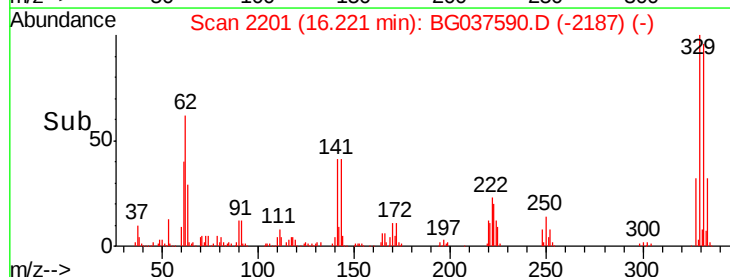
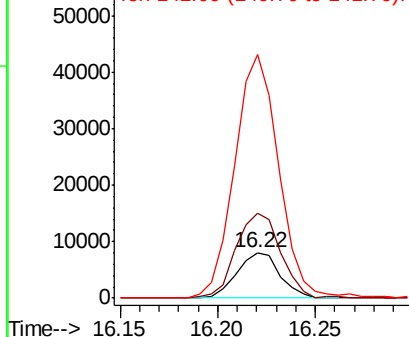


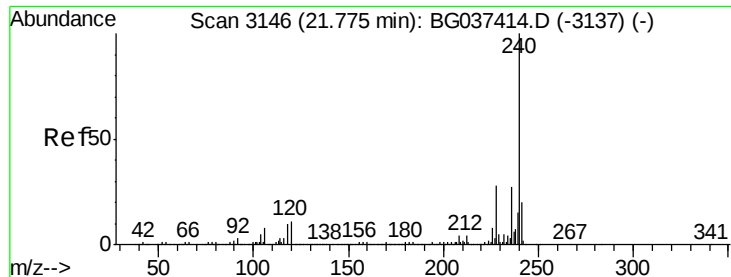
#67
 4-Bromophenyl-phenylether
 Concen: 2.892 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Tgt Ion:248 Resp: 12301
 Ion Ratio Lower Upper
 248 100
 250 187.3 77.0 115.6#
 141 420.1 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

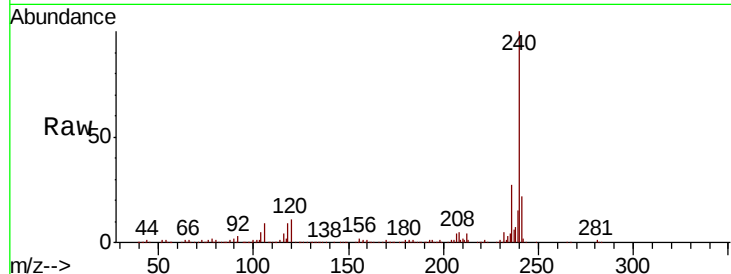




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :
102318-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.1	21.4	32.0

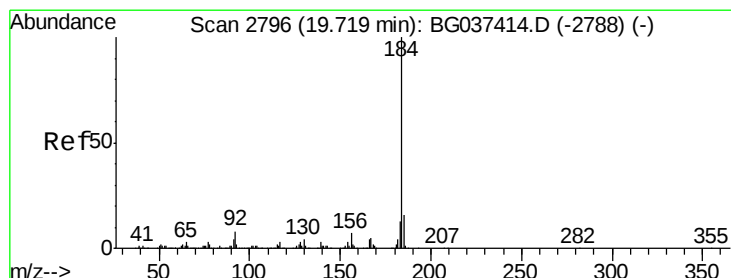
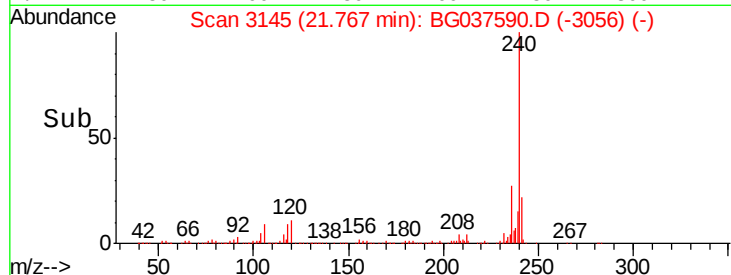
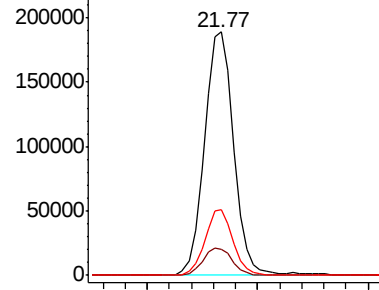


Abundance

Ion 240.00 (239.70 to 240.70): E

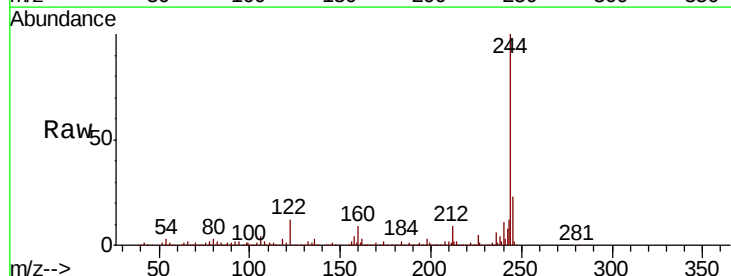
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 2.022 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	7.7	10.2	15.2#

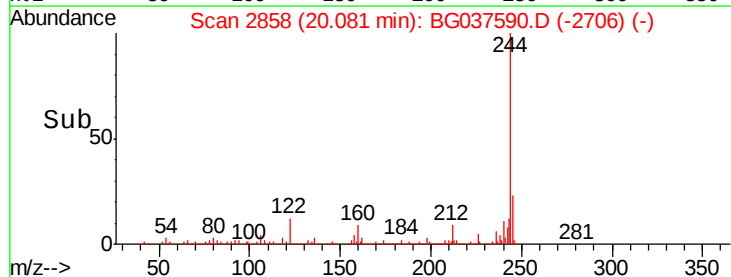
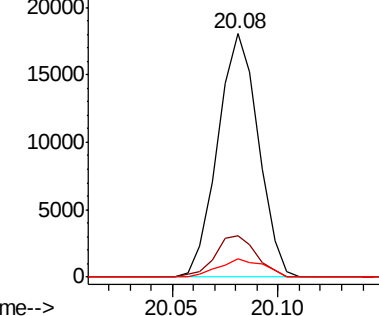


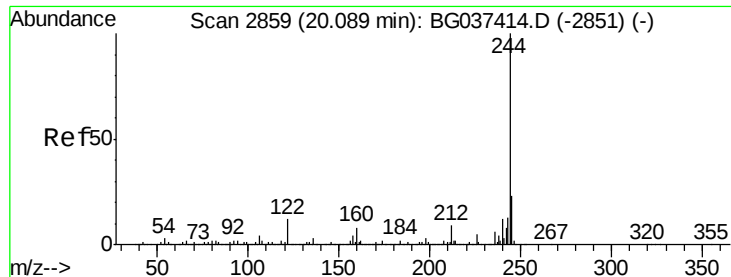
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 87.736 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

102318-DBRI-F-D-B

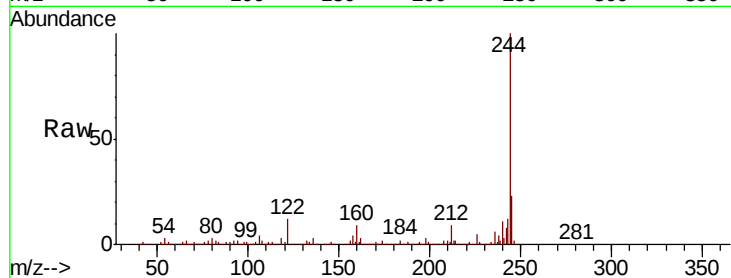
Tot Ion:244 Resp: 1438804

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

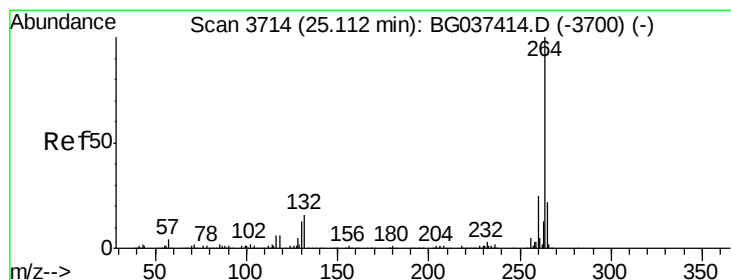
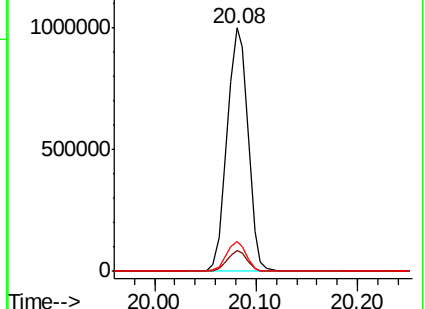
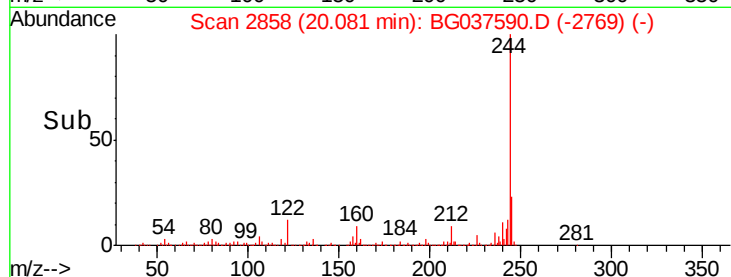
122 12.1 9.0 13.4



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: BG037590.D

Acq: 26 Oct 2018 21:07

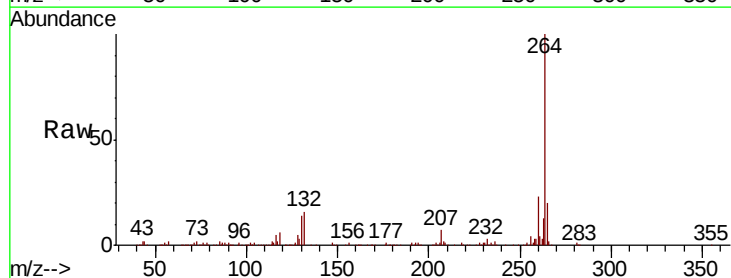
Tgt Ion:264 Resp: 343897

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 19.7 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

