

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038319.D
 Acq On : 4 Dec 2018 3:34
 Operator : JU/SJ
 Sample : J6179-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Quant Time: Dec 04 05:06:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

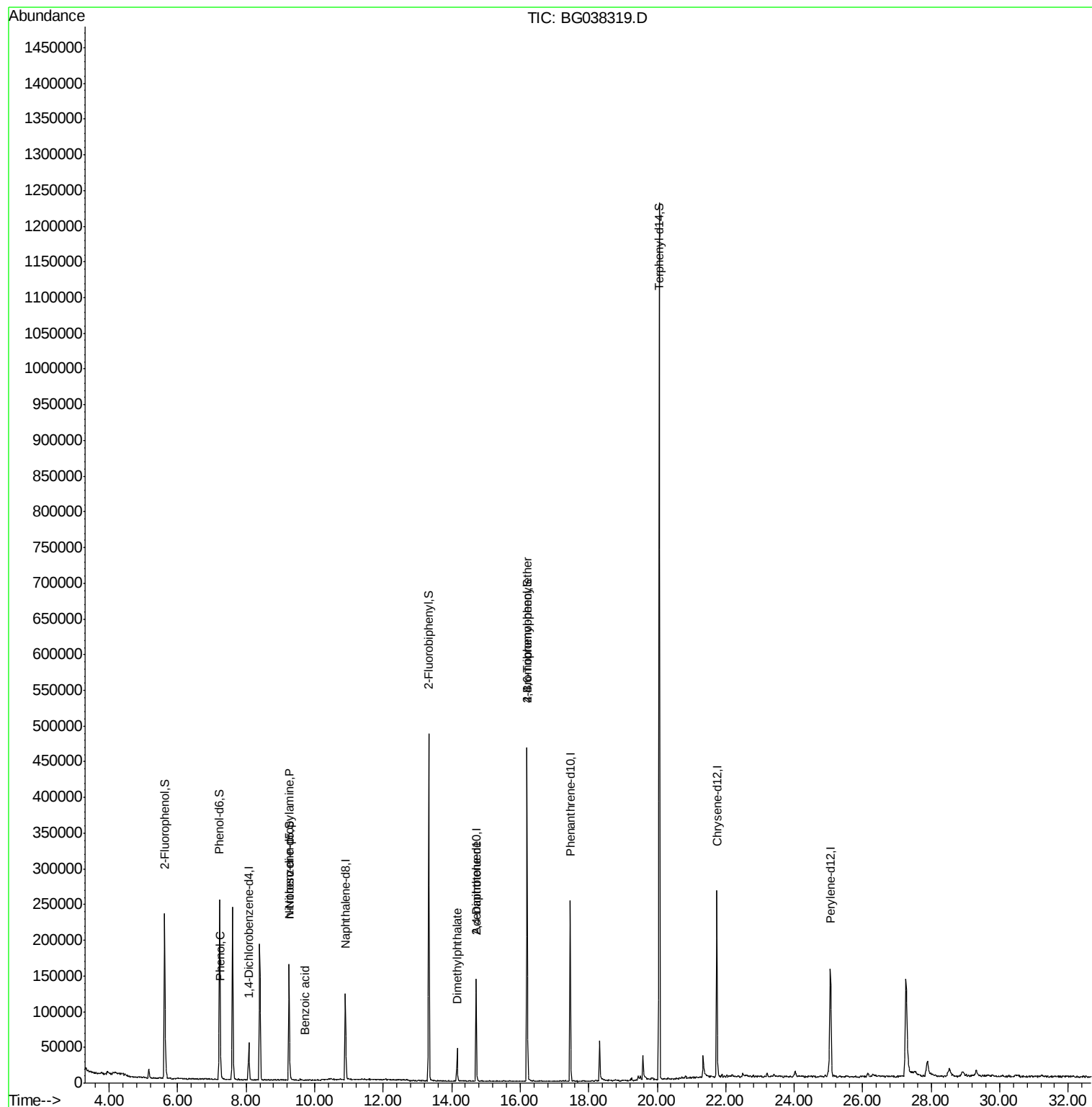
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16042	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	115572	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	51955	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	158501	20.00	ng	0.00
76) Chrysene-d12	21.74	240	164695	20.00	ng	-0.02
87) Perylene-d12	25.06	264	173507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	117602	126.57	ng	-0.02
7) Phenol-d6	7.22	99	160471	120.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	103797	48.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	88651	149.61	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	264615	74.20	ng	-0.02
79) Terphenyl-d14	20.06	244	625956	89.43	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9932	7.070	ng	92
19) n-Nitroso-di-n-propylamine	9.25	70	13228	13.784	ng	# 75
32) Benzoic acid	9.73	122	53	12.370	ng	# 1
50) Dimethylphthalate	14.15	163	36222	8.794	ng	99
57) 2,4-Dinitrotoluene	14.71	165	6489	5.116	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6167	3.545	ng	# 1

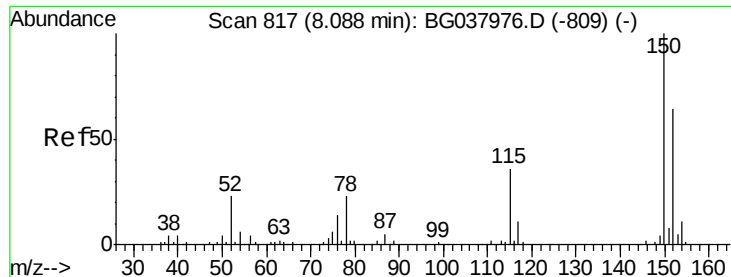
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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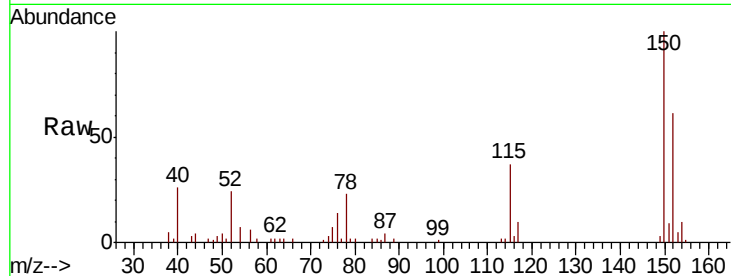


#1

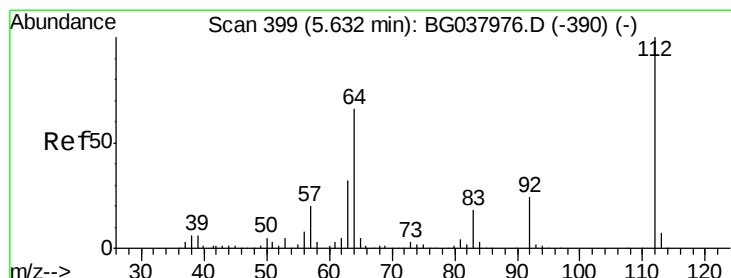
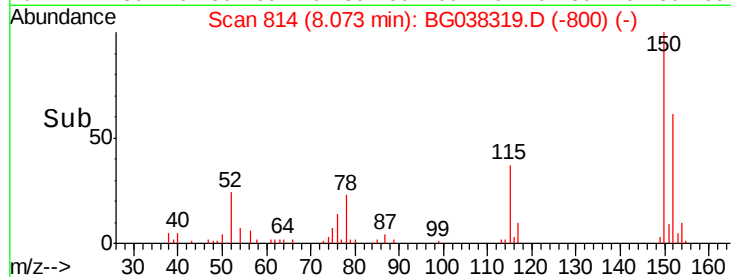
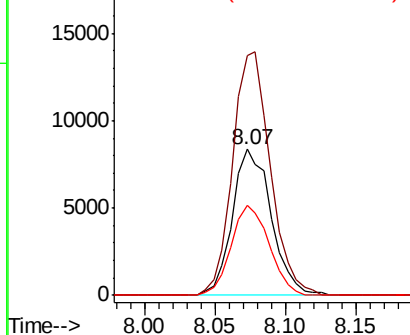
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Tgt Ion:152 Resp: 16042
 Ion Ratio Lower Upper
 152 100
 150 164.5 126.0 189.0
 115 61.5 45.5 68.3



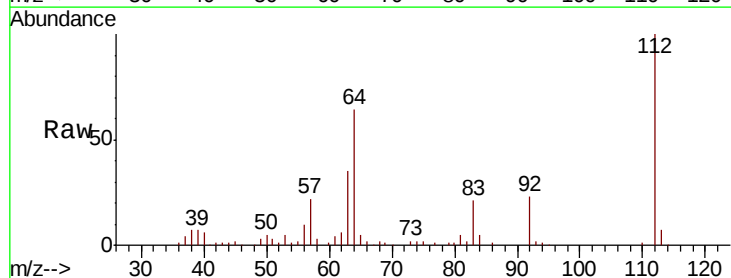
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



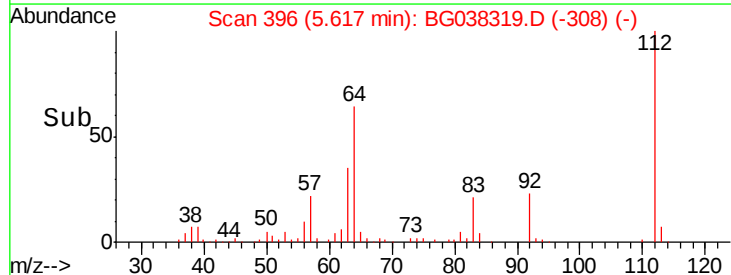
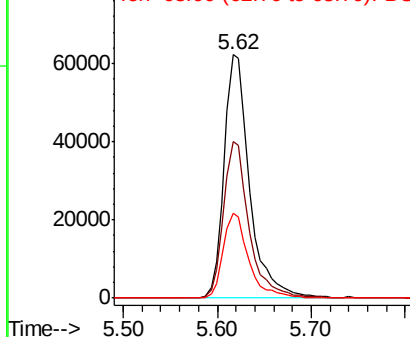
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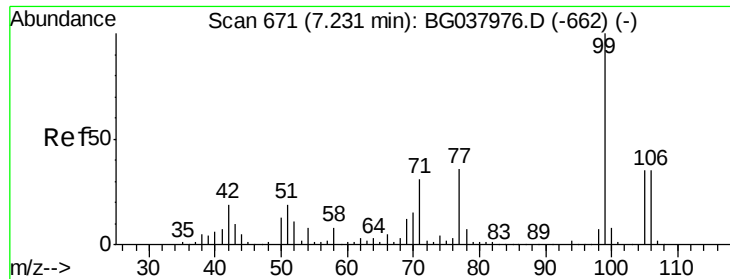
2-Fluorophenol
 Concen: 126.572 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:112 Resp: 117602
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.1 79.7
 63 35.0 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: 120.994 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampleId :

S10-0-0.5-BGS

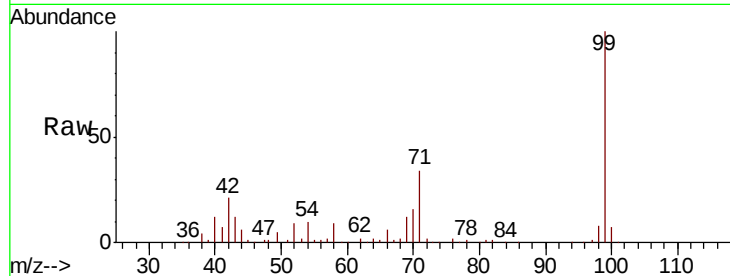
Tgt Ion: 99 Resp: 160471

Ion Ratio Lower Upper

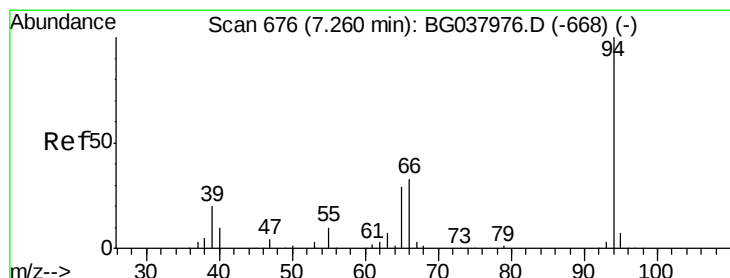
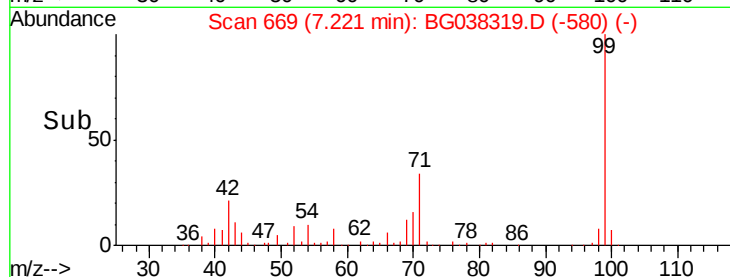
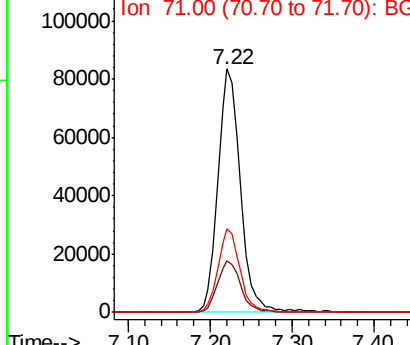
99 100

42 21.2 15.0 22.4

71 34.1 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: 7.070 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

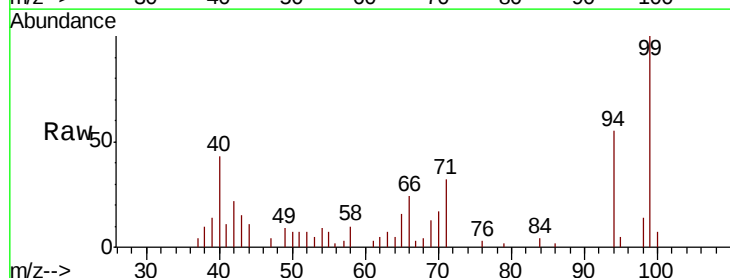
Tgt Ion: 94 Resp: 9932

Ion Ratio Lower Upper

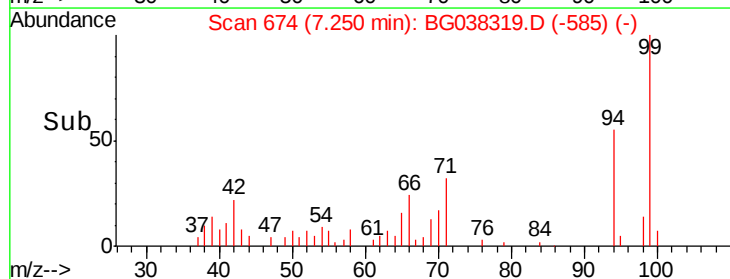
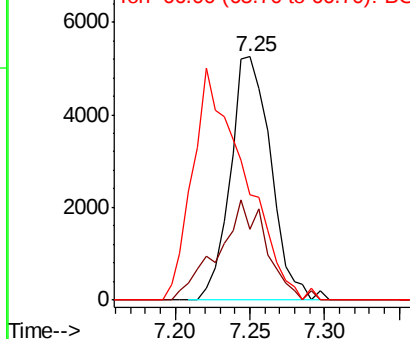
94 100

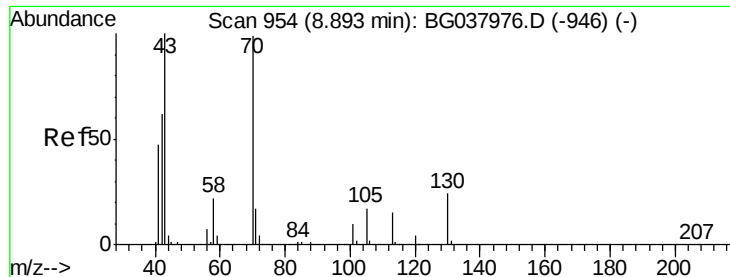
65 29.0 9.7 49.7

66 43.4 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

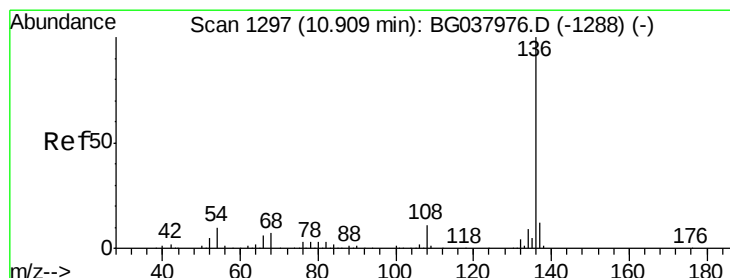
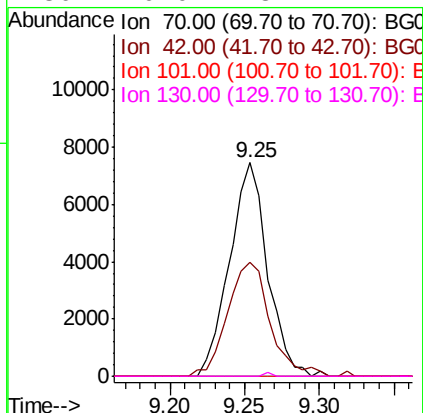
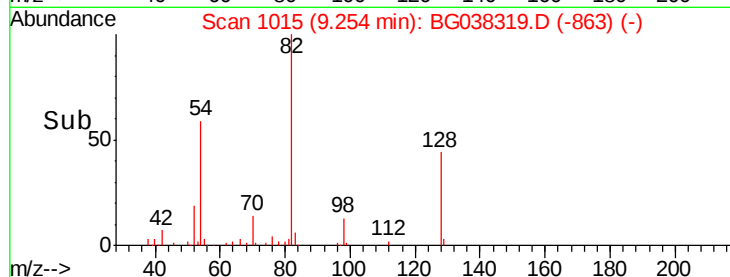
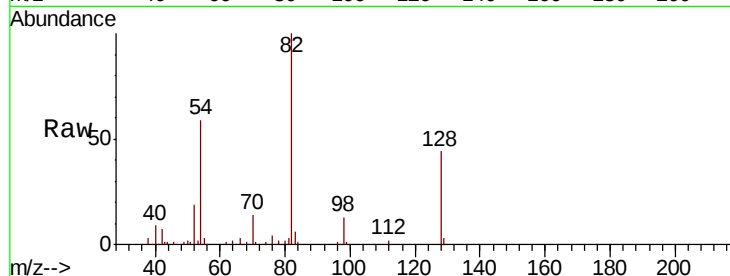




#19
n-Nitroso-di-n-propylamine
Concen: 13.784 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

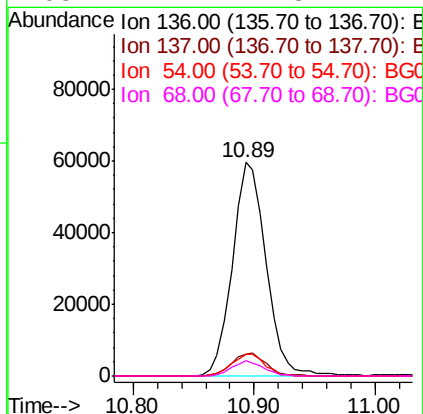
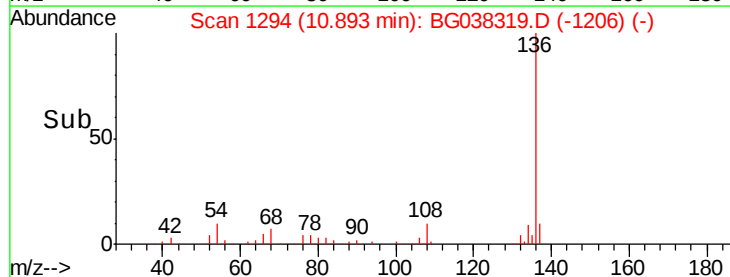
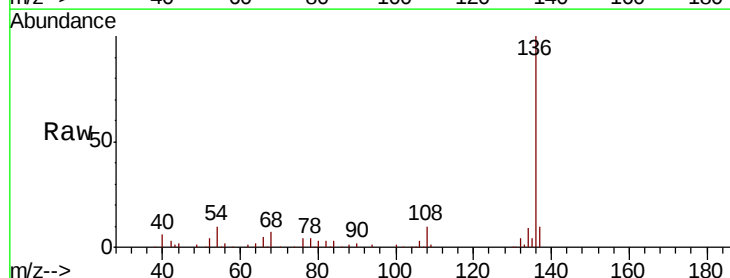
Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

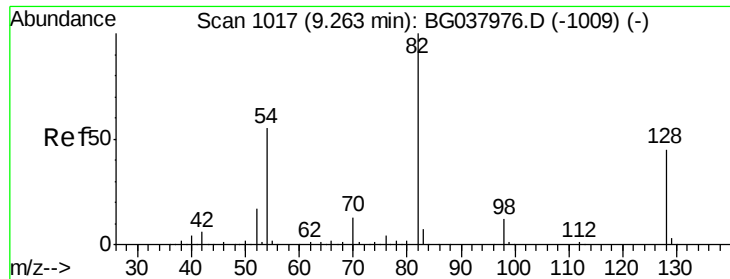
Tgt Ion: 70 Resp: 13228
Ion Ratio Lower Upper
70 100
42 53.1 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion: 136 Resp: 115572
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 10.0 7.9 11.9
68 7.1 4.8 7.2

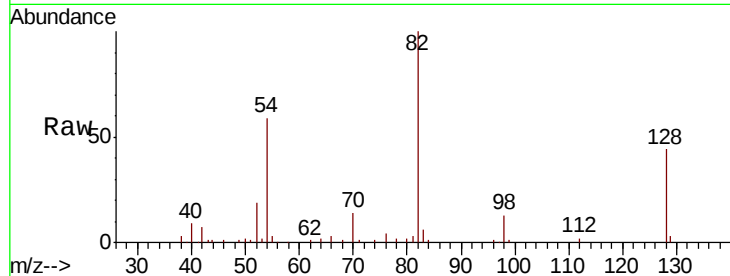




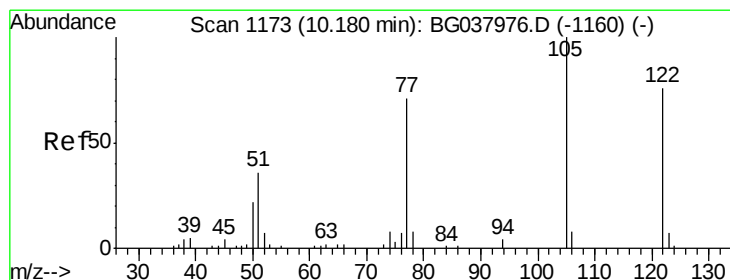
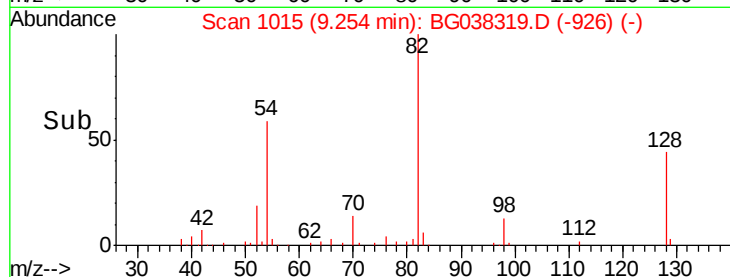
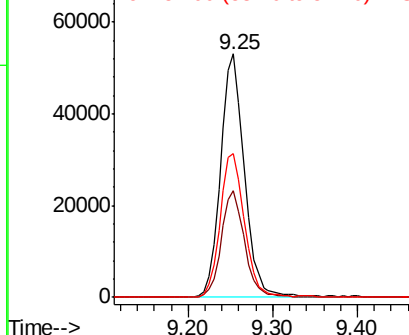
#23
Nitrobenzene-d5
Concen: 48.076 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tgt Ion: 82 Resp: 103797
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 59.2 45.3 67.9

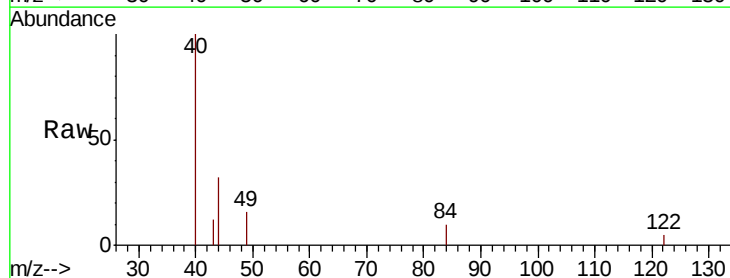


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

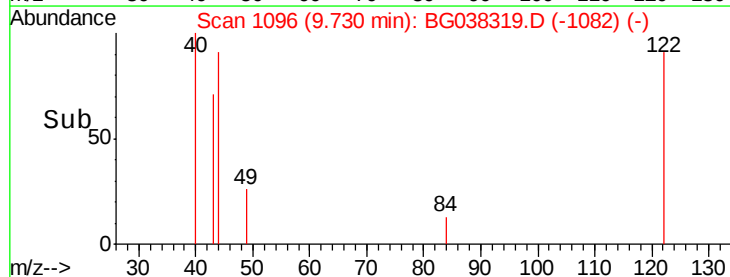
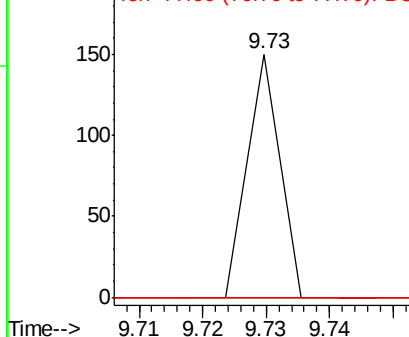


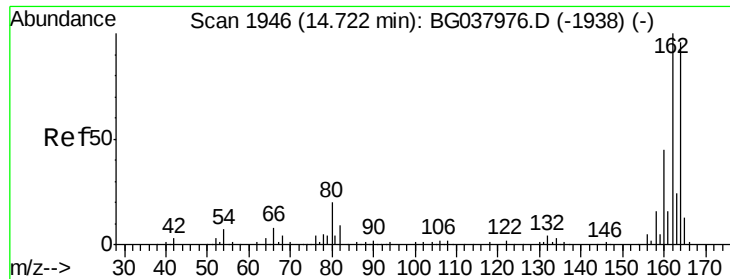
#32
Benzoic acid
Concen: 12.370 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.45 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampleId :

S10-0-0.5-BGS

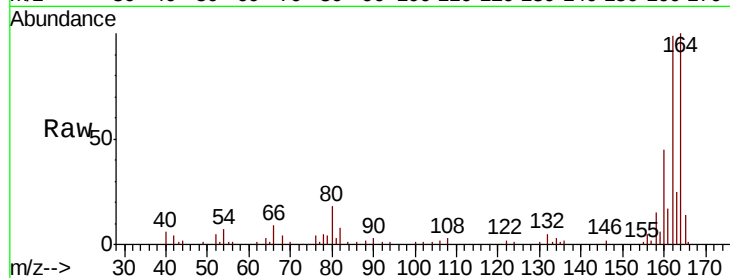
Tgt Ion:164 Resp: 51955

Ion Ratio Lower Upper

164 100

162 99.3 81.3 121.9

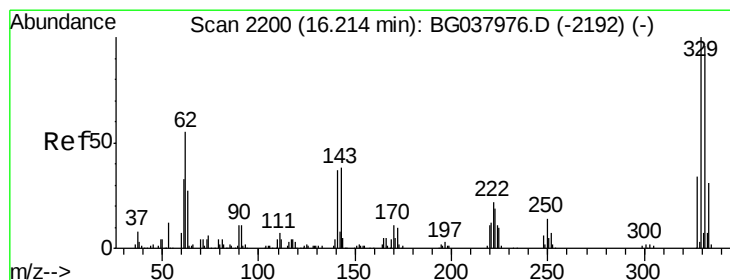
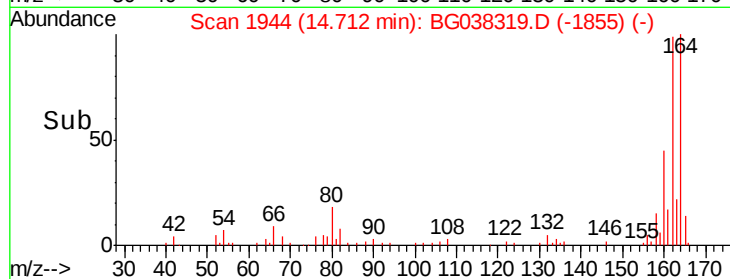
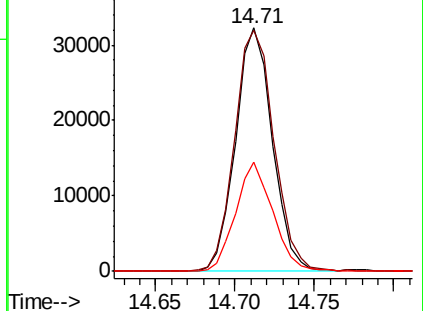
160 44.8 36.3 54.5



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: 149.613 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

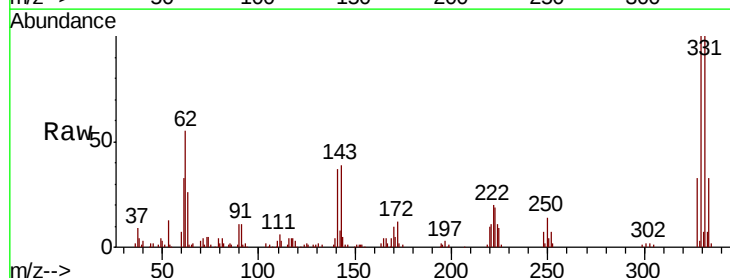
Tgt Ion:330 Resp: 88651

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

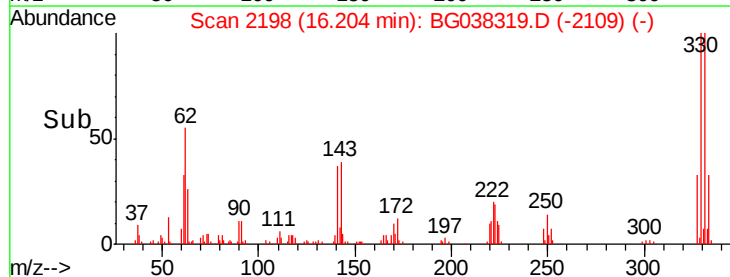
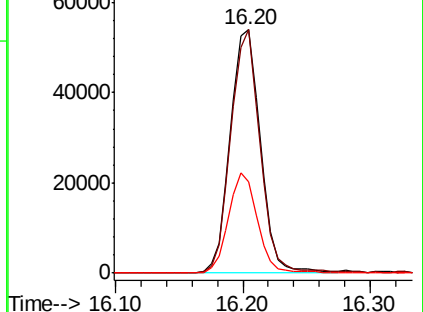
141 39.4 32.2 48.2

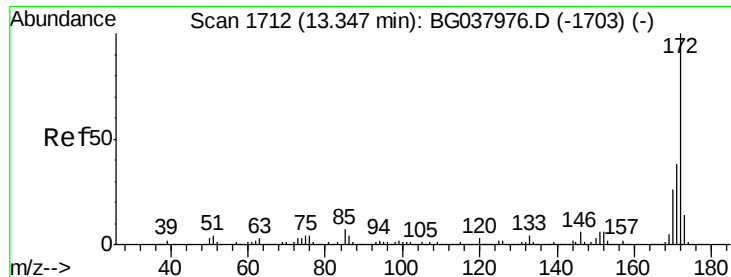


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

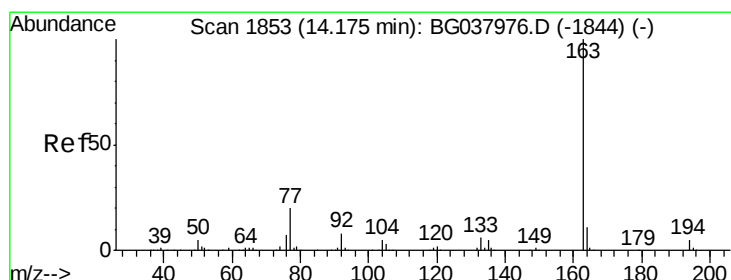
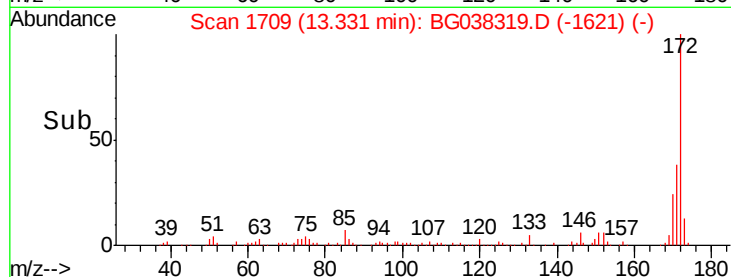
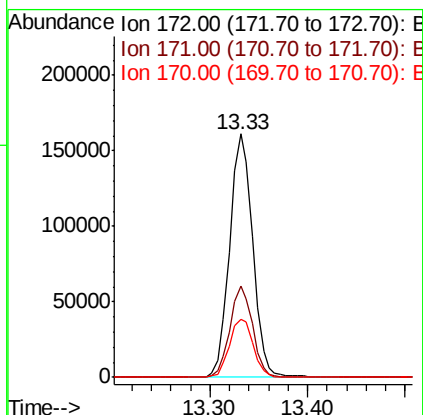
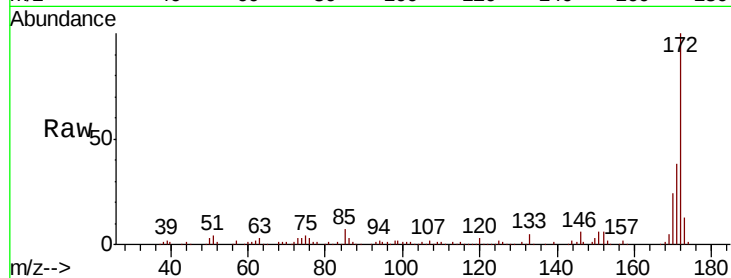




#45
2-Fluorobiphenyl
Concen: 74.200 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

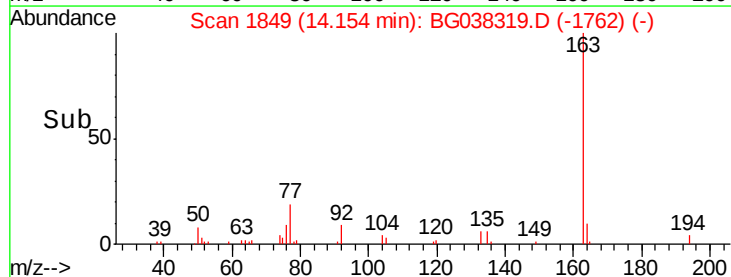
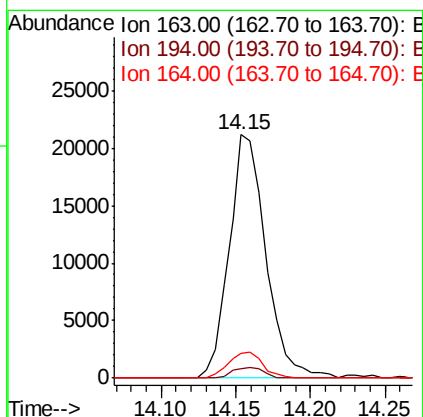
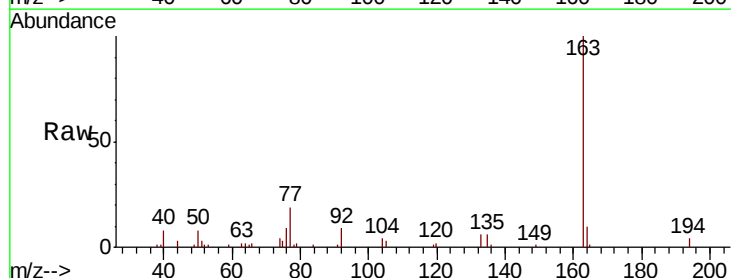
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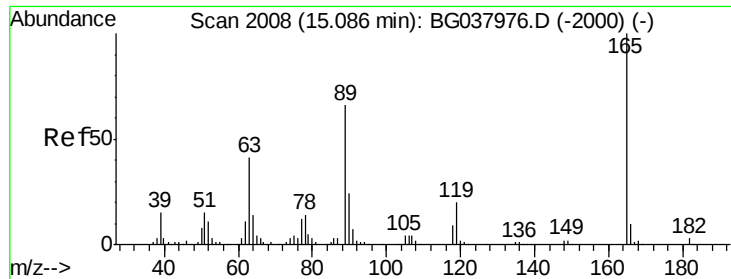
Tgt Ion:172 Resp: 264615
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 23.6 20.2 30.2



#50
Dimethylphthalate
Concen: 8.794 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:163 Resp: 36222
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.4 8.5 12.7

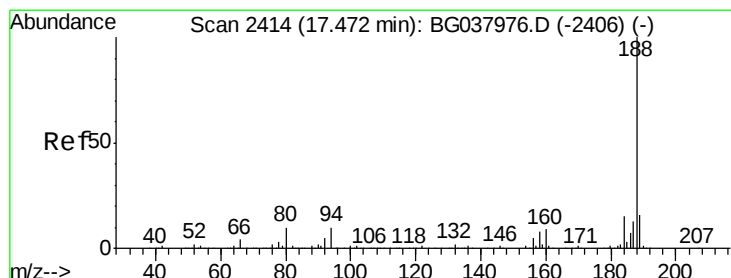
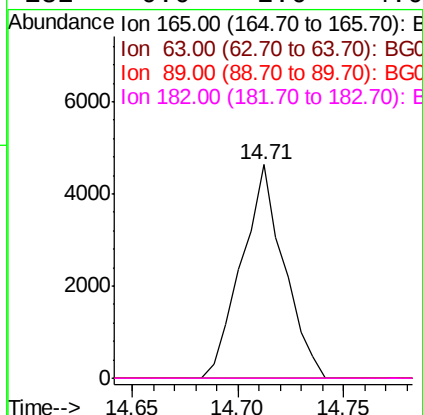
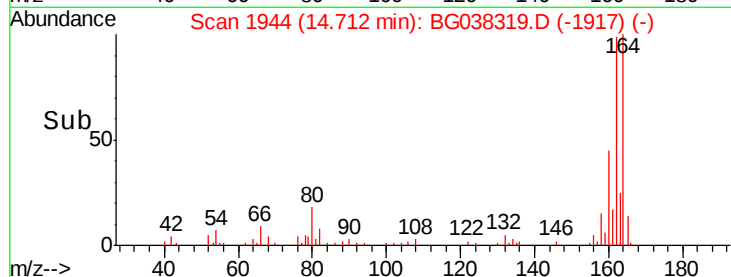
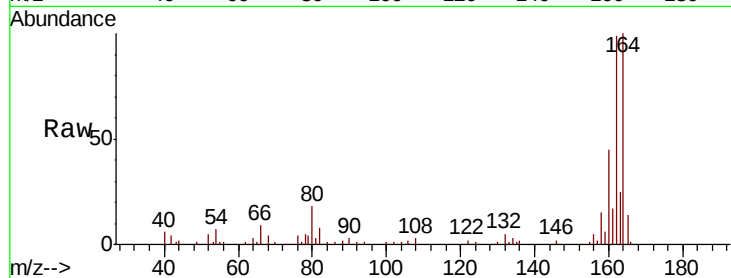




#57
 2,4-Dinitrotoluene
 Concen: 5.116 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

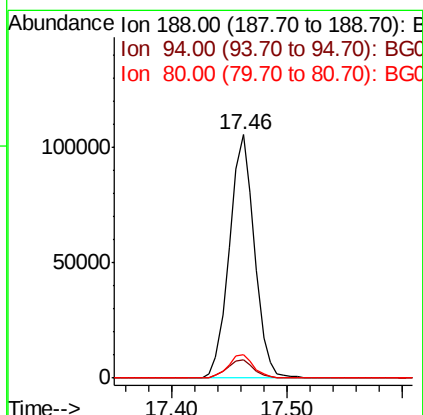
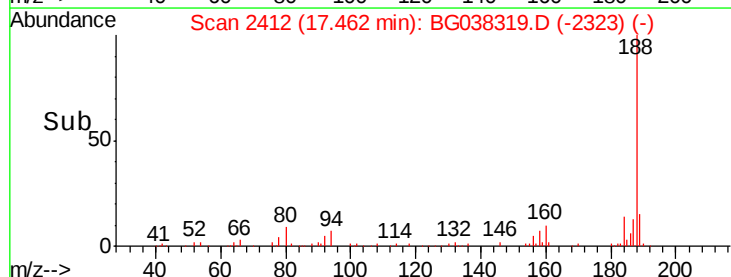
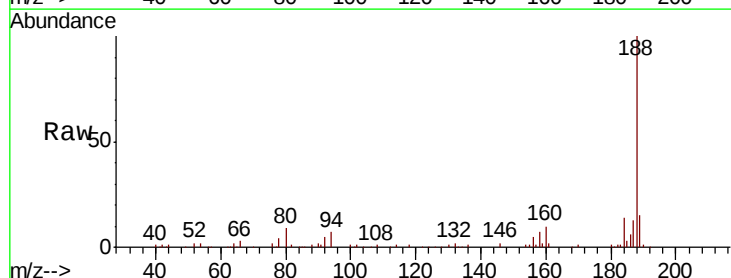
Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

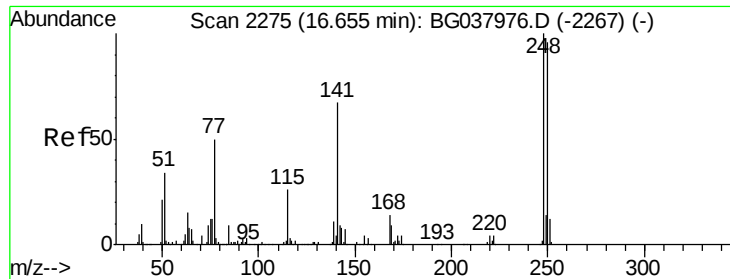
Tgt Ion:	165	Resp:	6489
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:	188	Resp:	158501
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	9.4	7.7	11.5

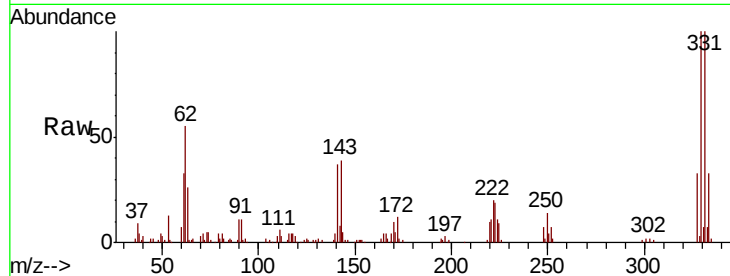




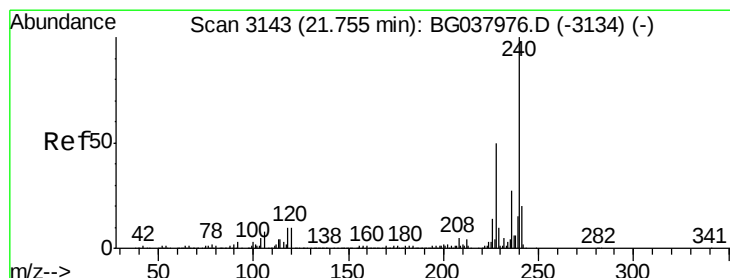
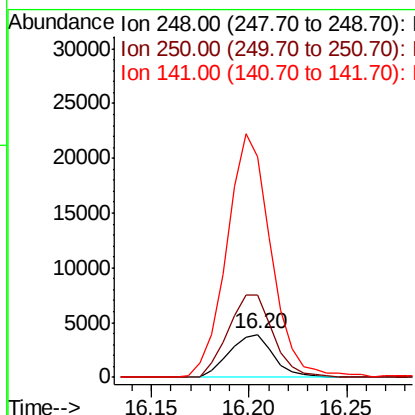
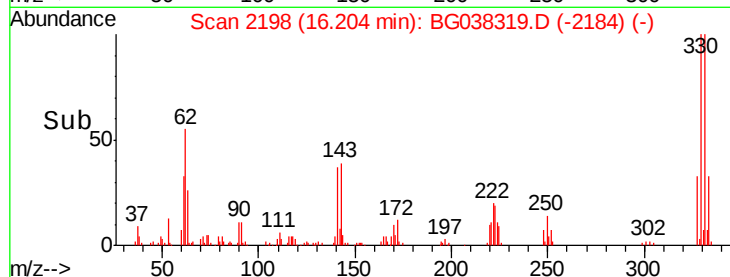
#67
 4-Bromophenyl-phenylether
 Concen: 3.545 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Tgt Ion:248 Resp: 6167
 Ion Ratio Lower Upper
 248 100
 250 205.6 77.0 115.6#
 141 418.4 55.5 83.3#

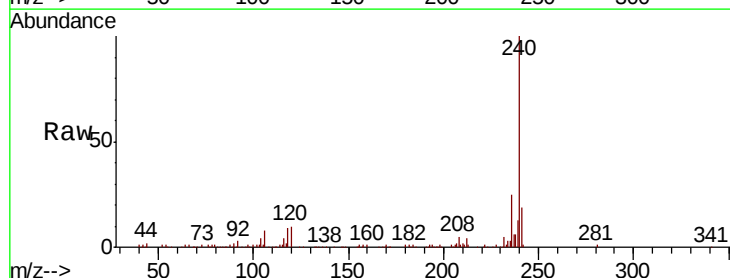


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

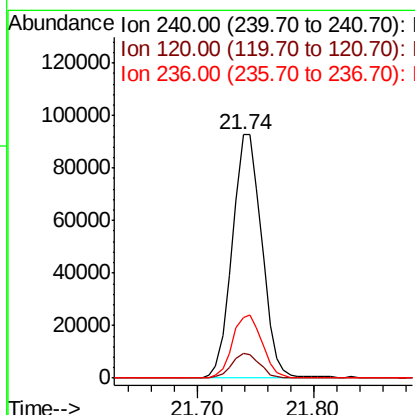
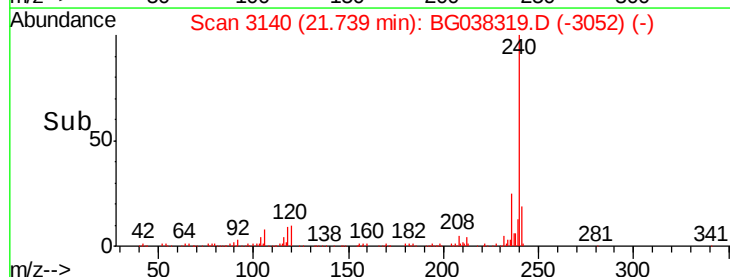


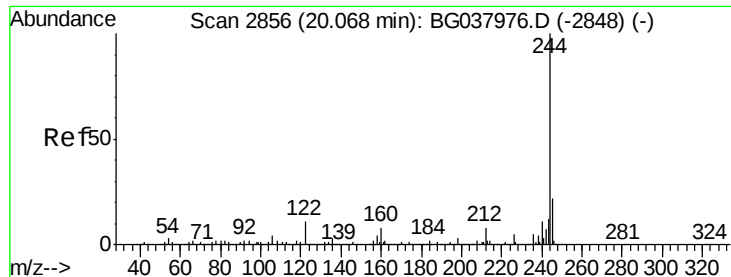
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:240 Resp: 164695
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 24.9 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: 89.431 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampleId :

S10-0-0.5-BGS

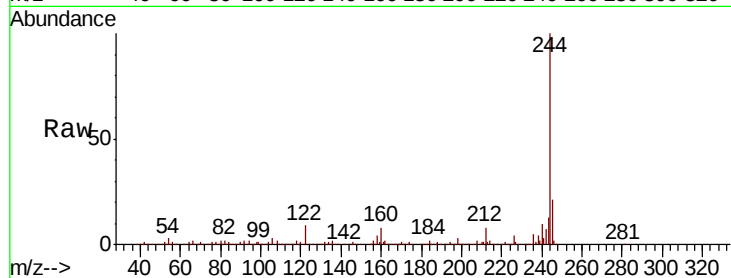
Tgt Ion:244 Resp: 625956

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

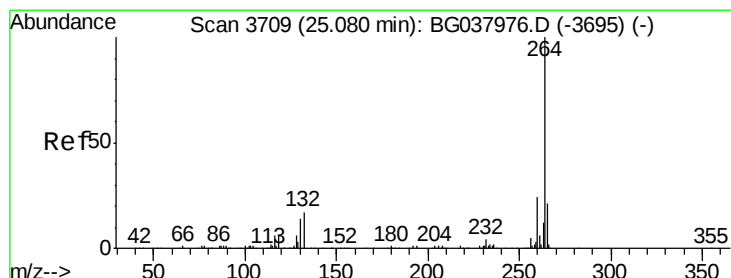
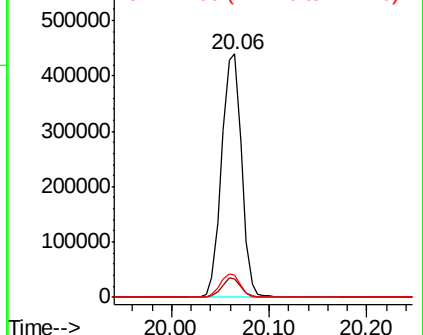
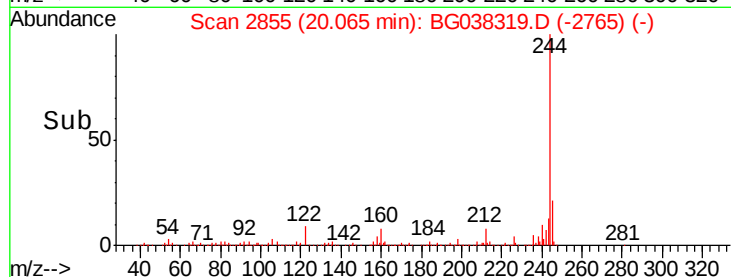
122 9.3 9.0 13.4



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

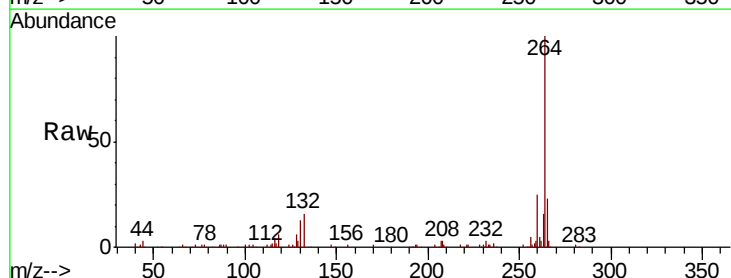
Tgt Ion:264 Resp: 173507

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.9 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

