

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038311.D
 Acq On : 3 Dec 2018 22:19
 Operator : JU/SJ
 Sample : J6179-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-0.5-BGS

Quant Time: Dec 04 05:04:45 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

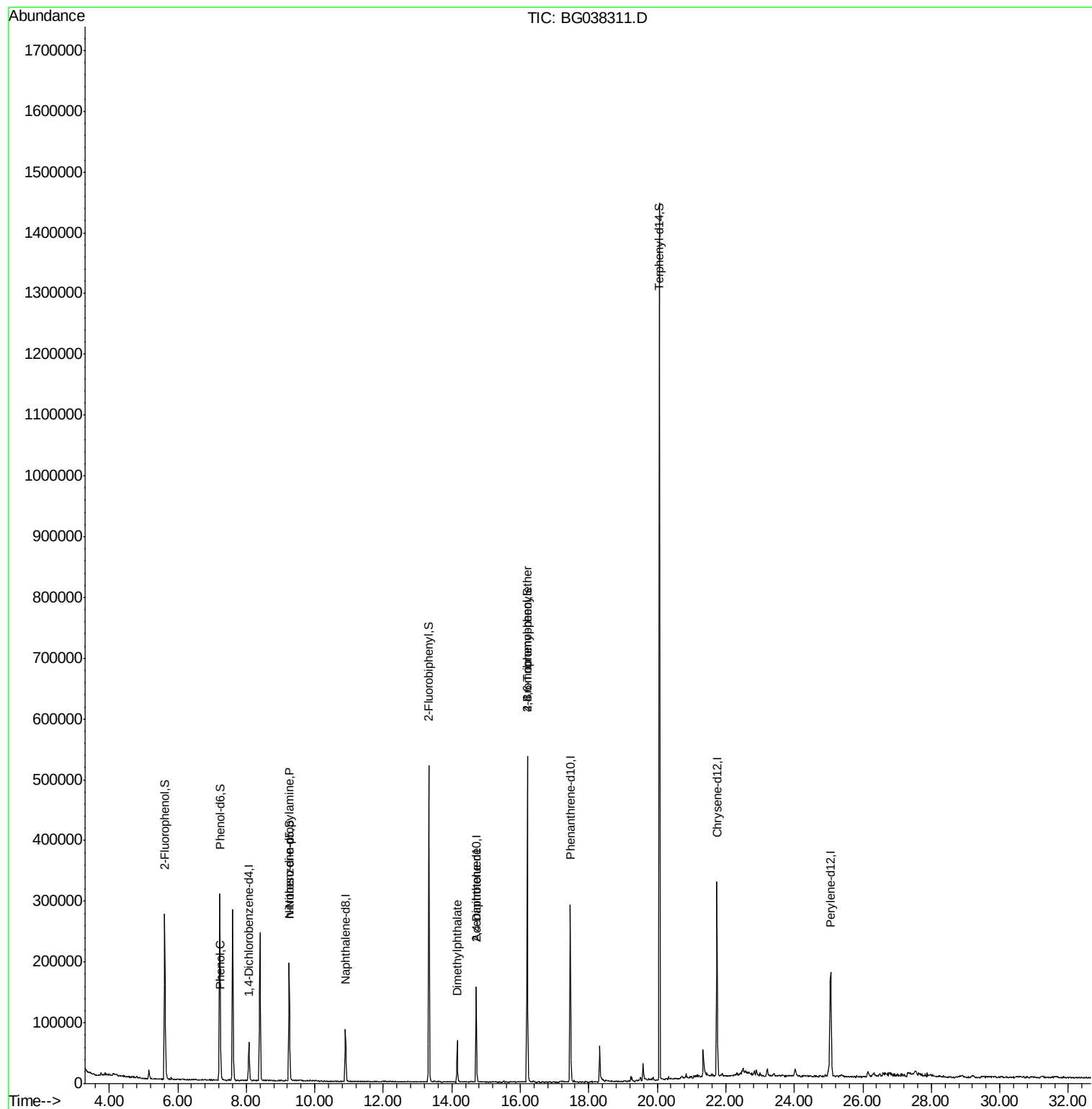
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18928	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	79309	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	59158	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	186090	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	196239	20.00	ng	-0.01
87) Perylene-d12	25.06	264	199824	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	130997	119.49	ng	-0.01
7) Phenol-d6	7.22	99	193880	123.89	ng	0.00
23) Nitrobenzene-d5	9.25	82	132044	89.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	100590	149.09	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	284292	70.01	ng	-0.01
79) Terphenyl-d14	20.06	244	686737	82.34	ng	0.00
Target Compounds						
10) Phenol	7.25	94	14703	8.870	ng	95
19) n-Nitroso-di-n-propylamine	9.25	70	16775	14.815	ng	# 78
50) Dimethylphthalate	14.16	163	50997	10.874	ng	97
57) 2,4-Dinitrotoluene	14.71	165	7735	5.356	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6847	3.352	ng	# 1

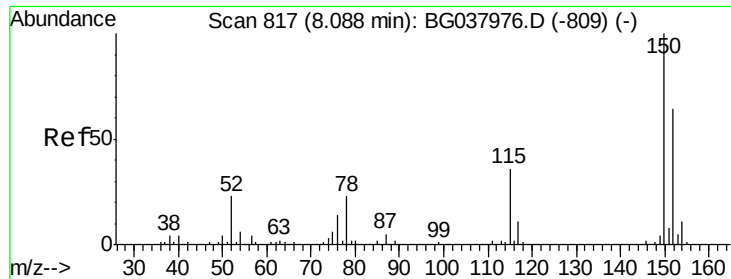
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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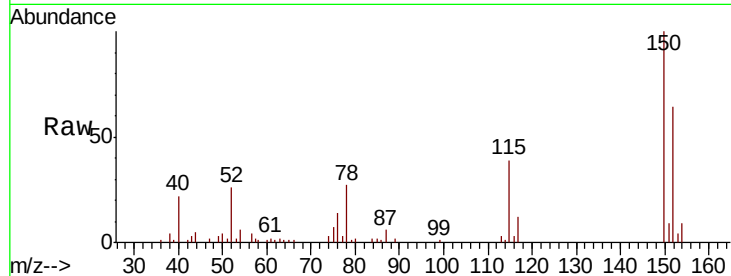




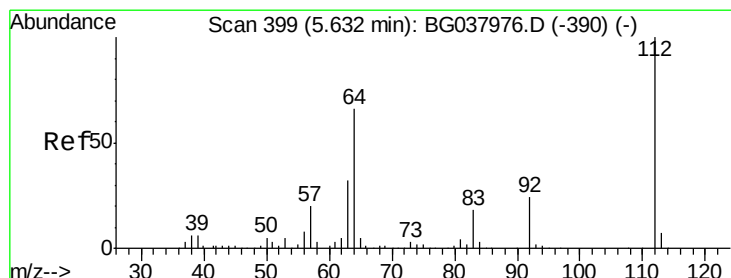
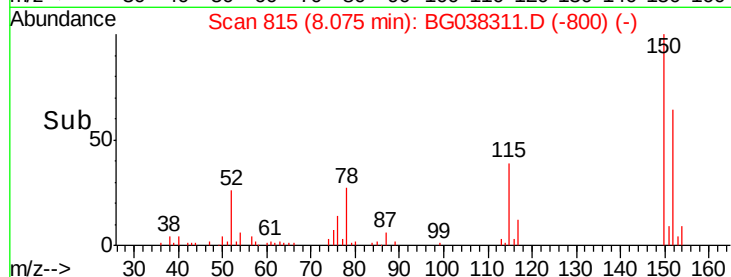
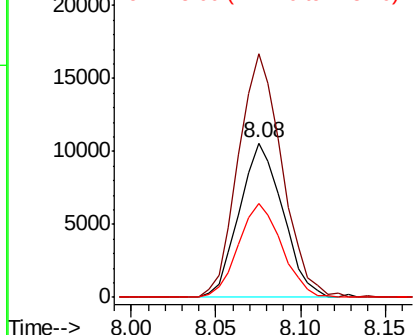
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-0.5-BGS

Tgt Ion:152 Resp: 18928
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.0 189.0
 115 60.7 45.5 68.3

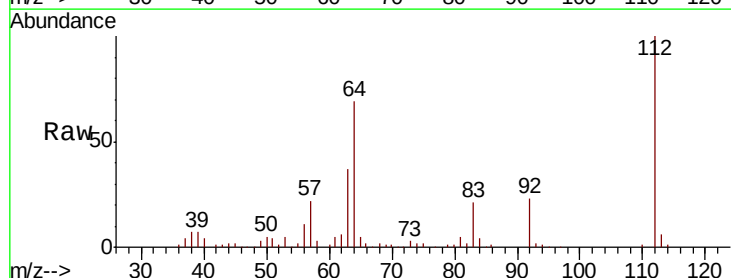


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

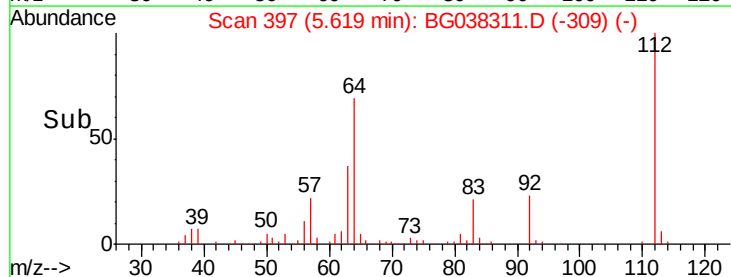
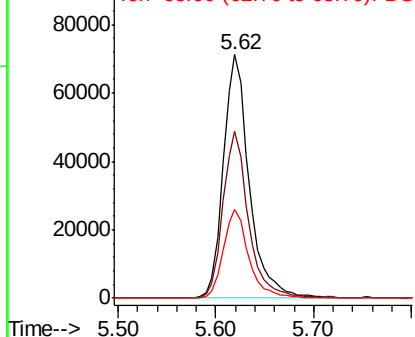


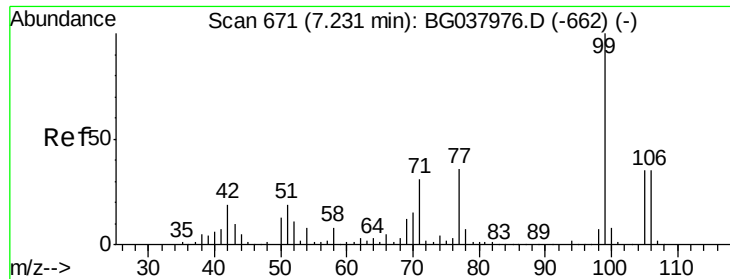
#5
 2-Fluorophenol
 Concen: 119.492 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Tgt Ion:112 Resp: 130997
 Ion Ratio Lower Upper
 112 100
 64 68.7 53.1 79.7
 63 36.6 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: 123.895 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038311.D

Acq: 3 Dec 2018 22:19

Instrument :

BNA_G

ClientSampleId :

S2-0-0.5-BGS

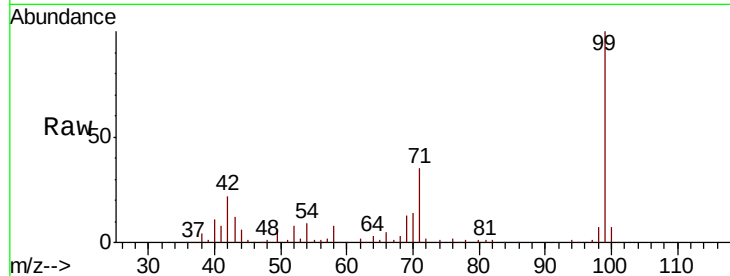
Tgt Ion: 99 Resp: 193880

Ion Ratio Lower Upper

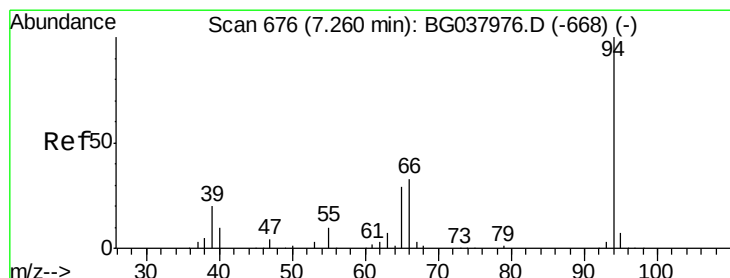
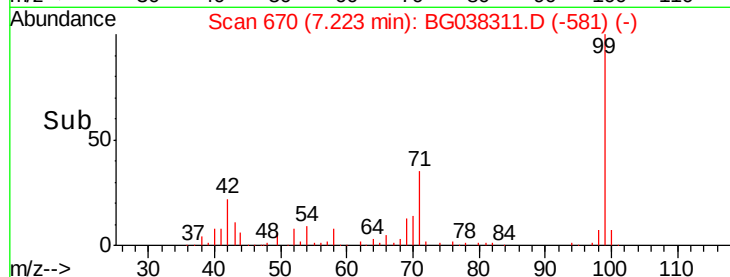
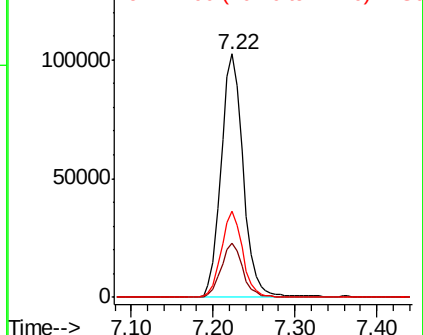
99 100

42 22.2 15.0 22.4

71 35.3 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: 8.870 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038311.D

Acq: 3 Dec 2018 22:19

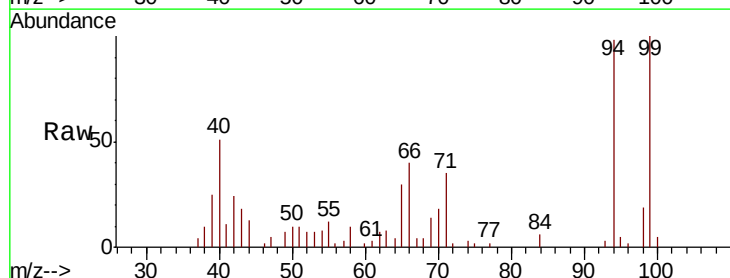
Tgt Ion: 94 Resp: 14703

Ion Ratio Lower Upper

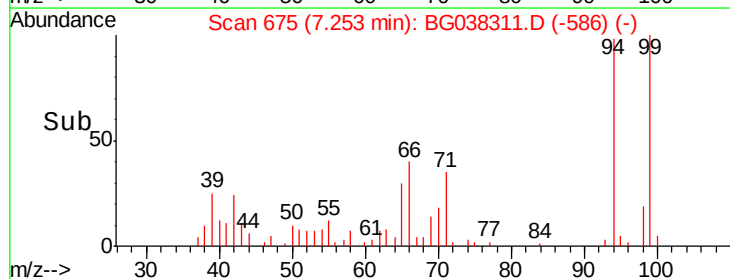
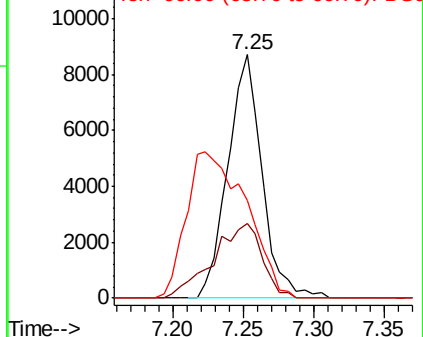
94 100

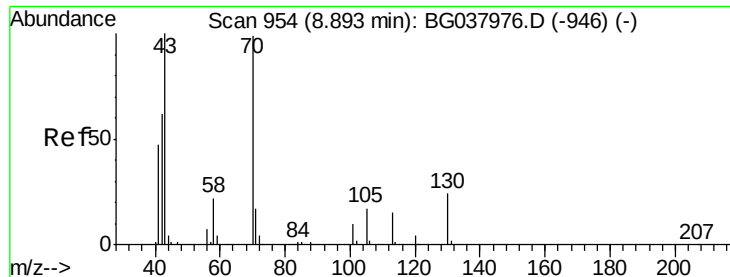
65 30.5 9.7 49.7

66 40.2 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

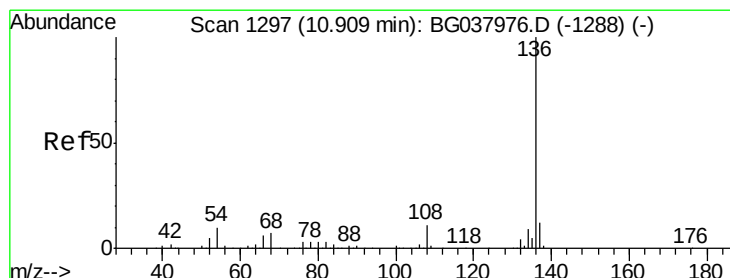
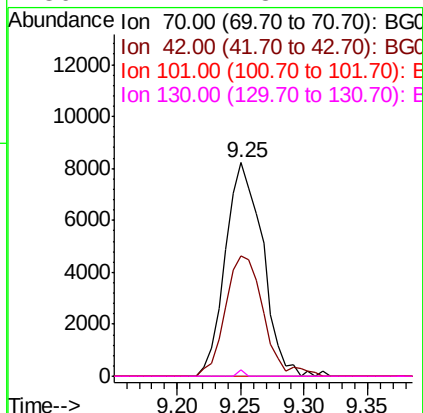
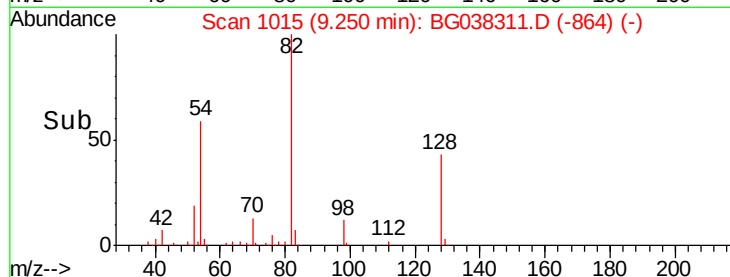
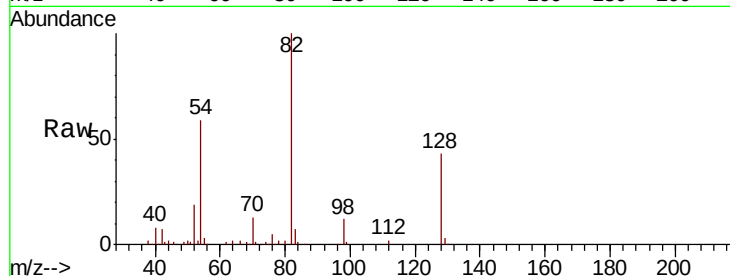




#19
n-Nitroso-di-n-propylamine
Concen: 14.815 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

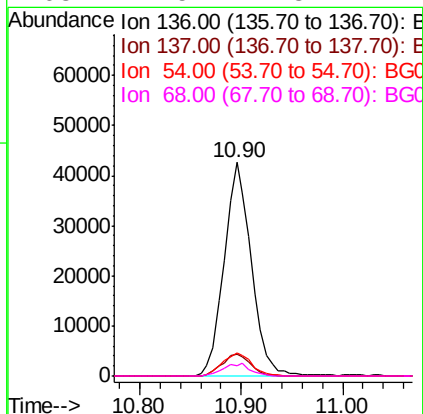
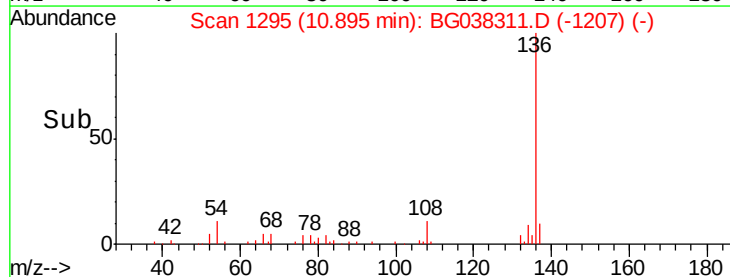
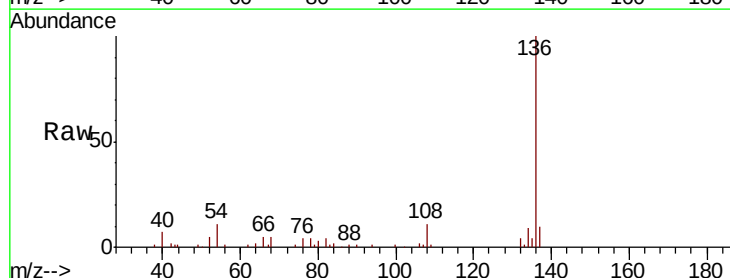
Instrument :
BNA_G
ClientSampleId :
S2-0-0.5-BGS

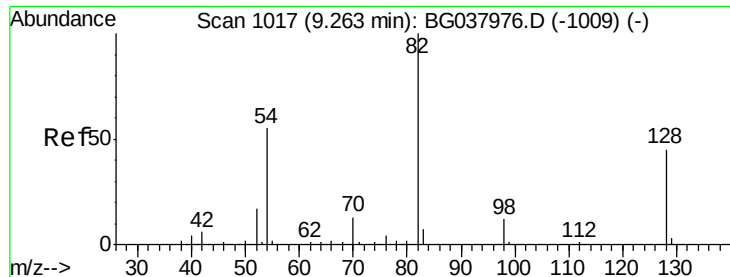
Tgt Ion: 70 Resp: 16775
Ion Ratio Lower Upper
70 100
42 56.3 53.9 80.9
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

Tgt Ion: 136 Resp: 79309
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 10.5 7.9 11.9
68 4.5 4.8 7.2#

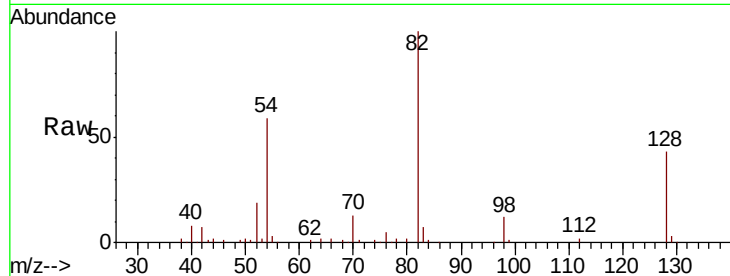




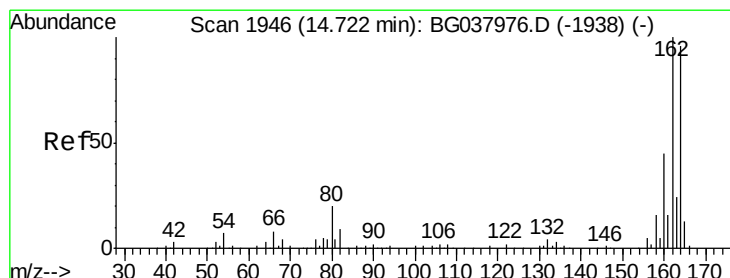
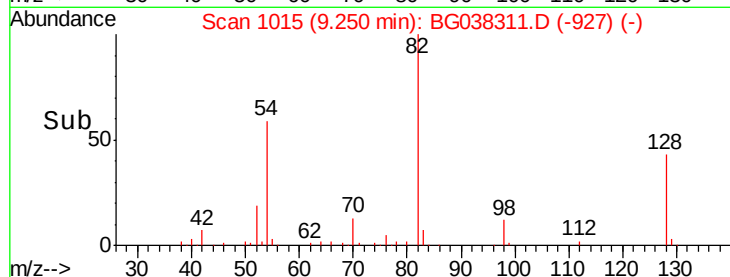
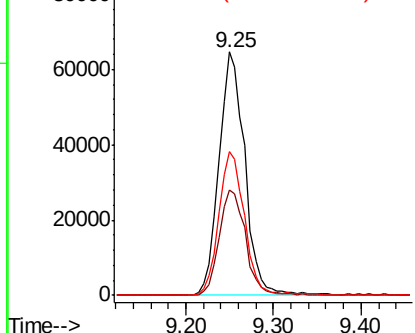
#23
 Nitrobenzene-d5
 Concen: 89.124 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-0.5-BGS

Tgt Ion: 82 Resp: 132044
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 59.3 45.3 67.9

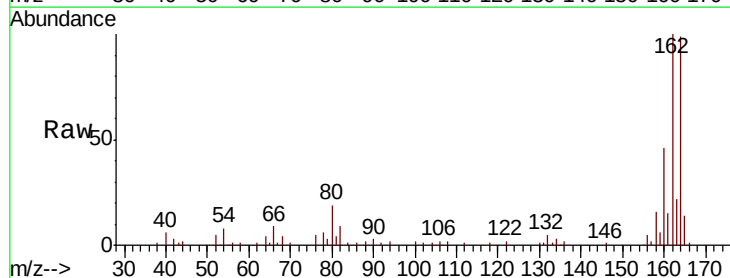


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

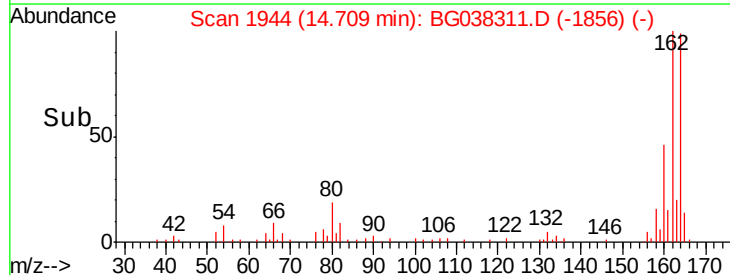
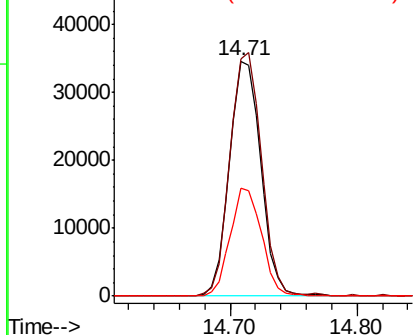


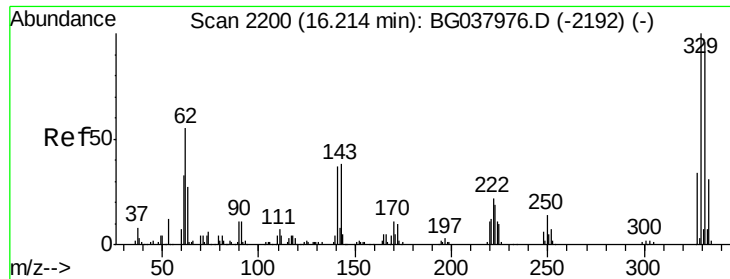
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Tgt Ion: 164 Resp: 59158
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.3 121.9
 160 46.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 149.092 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038311.D

Acq: 3 Dec 2018 22:19

Instrument :

BNA_G

ClientSampleId :

S2-0-0.5-BGS

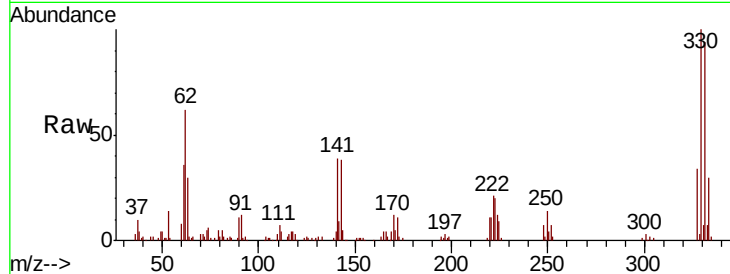
Tgt Ion:330 Resp: 100590

Ion Ratio Lower Upper

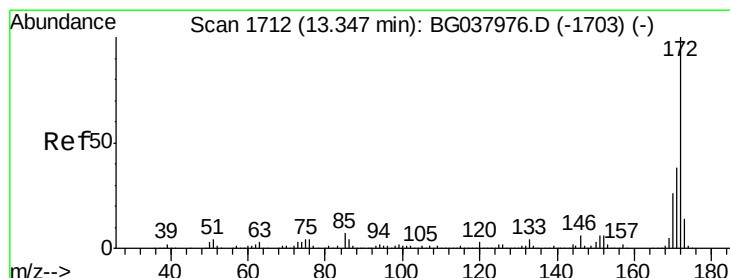
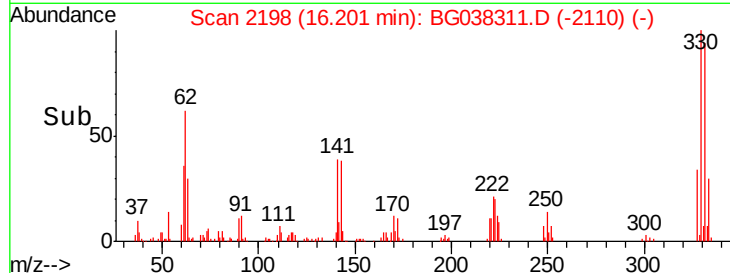
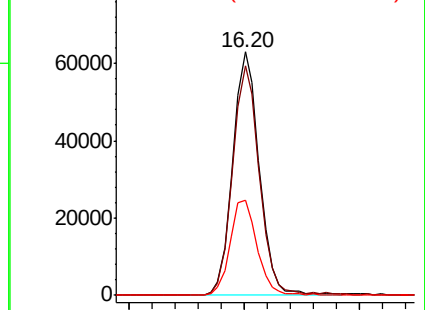
330 100

332 95.4 78.4 117.6

141 39.9 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: 70.011 ng

RT: 13.33 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038311.D

Acq: 3 Dec 2018 22:19

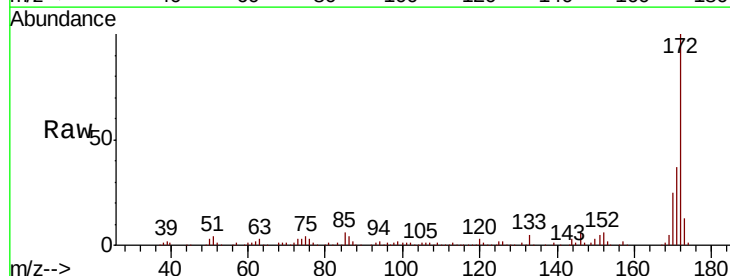
Tgt Ion:172 Resp: 284292

Ion Ratio Lower Upper

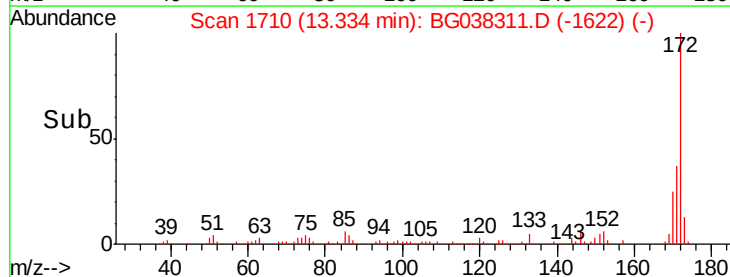
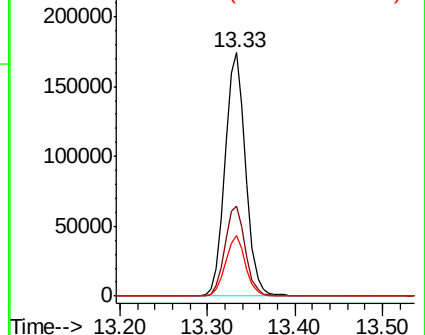
172 100

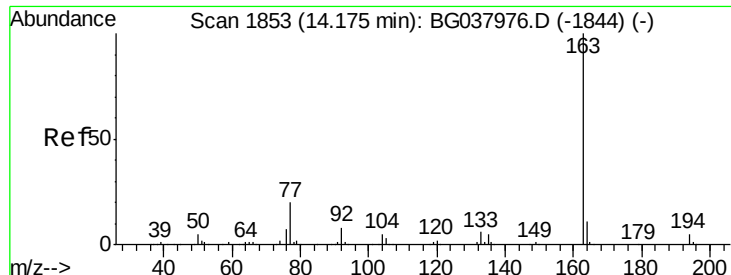
171 36.9 31.0 46.4

170 24.8 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

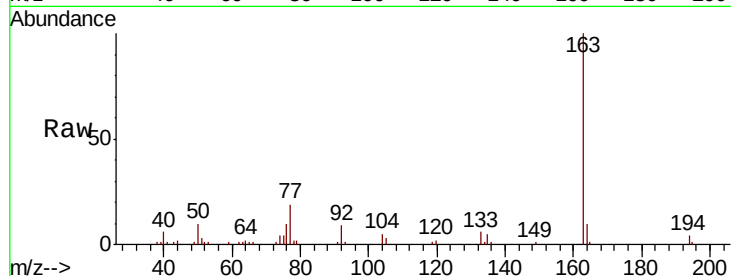




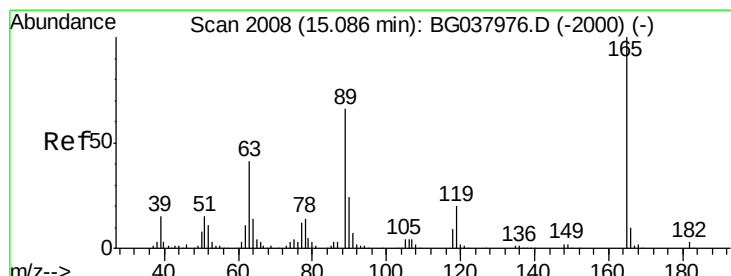
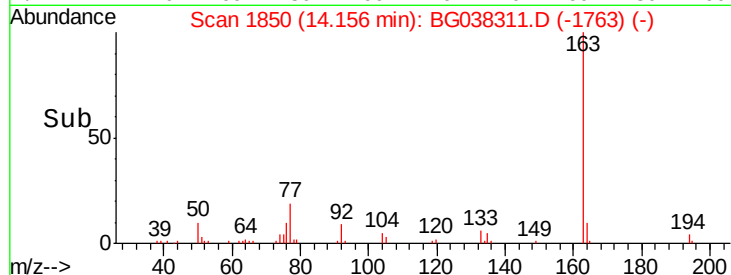
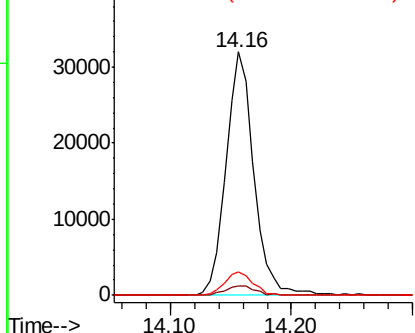
#50
Dimethylphthalate
Concen: 10.874 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

Instrument :
BNA_G
ClientSampleId :
S2-0-0.5-BGS

Tgt Ion:163 Resp: 50997
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 9.6 8.5 12.7

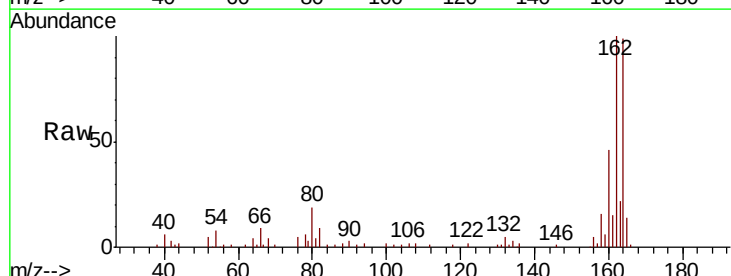


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

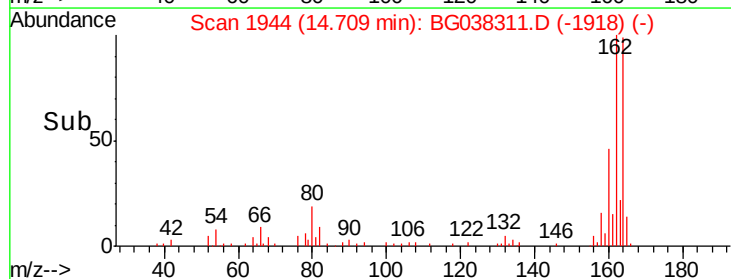
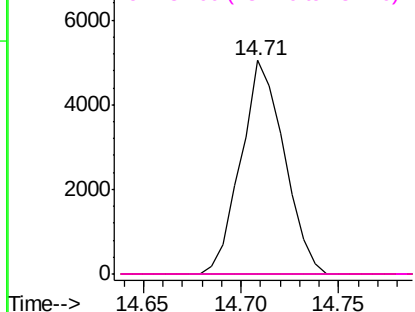


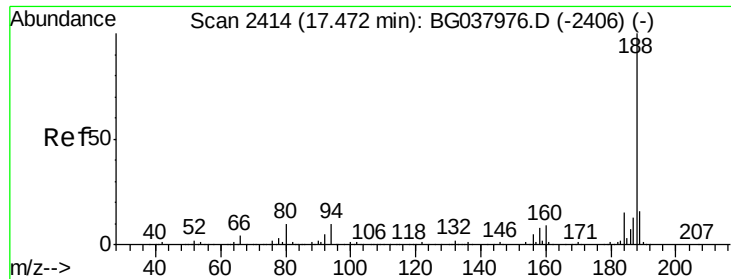
#57
2,4-Dinitrotoluene
Concen: 5.356 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.38 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

Tgt Ion:165 Resp: 7735
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

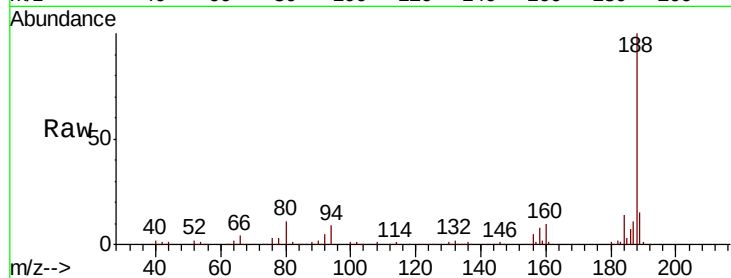




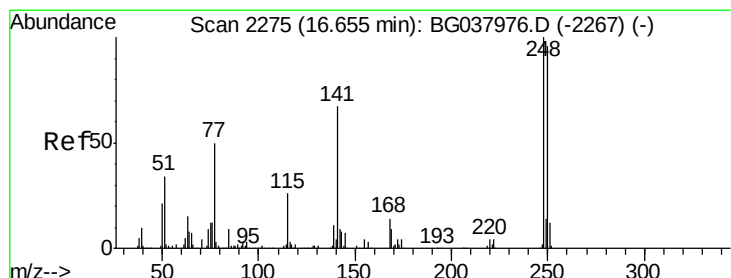
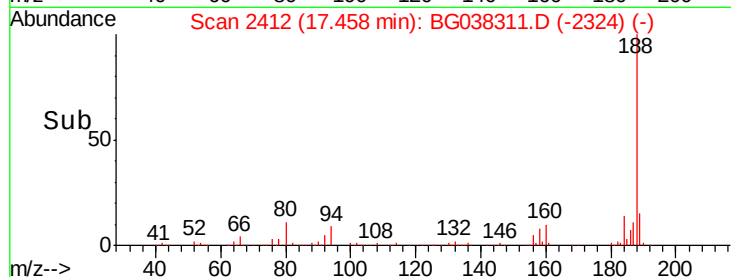
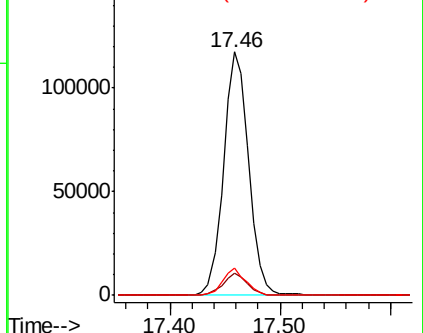
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-0.5-BGS

Tgt Ion:188 Resp: 186090
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 11.0 7.7 11.5

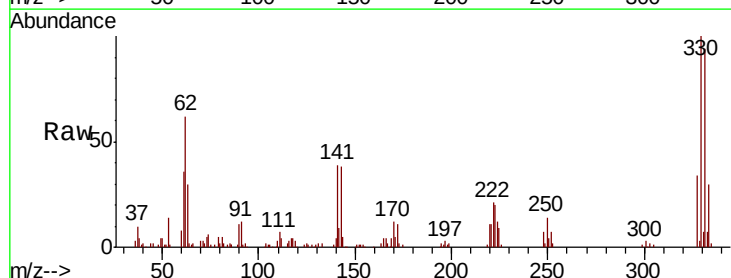


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

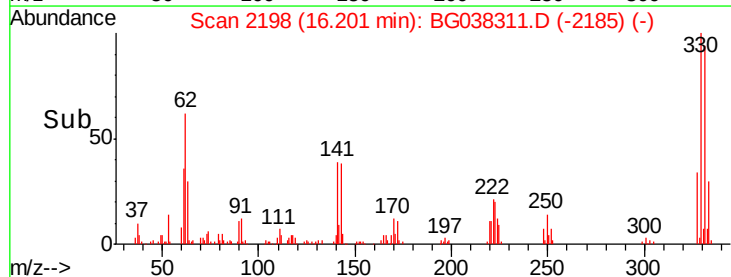
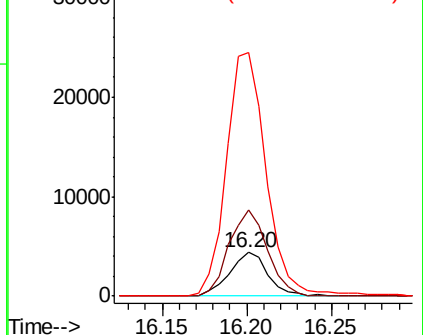


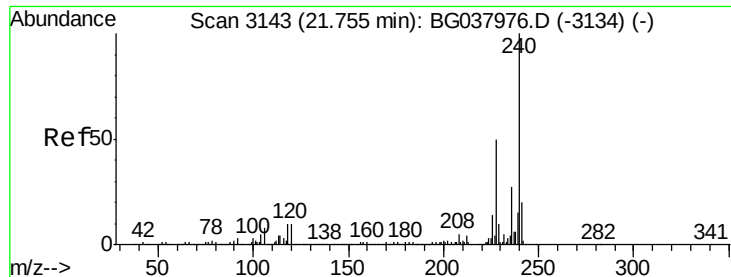
#67
 4-Bromophenyl-phenylether
 Concen: 3.352 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038311.D
 Acq: 3 Dec 2018 22:19

Tgt Ion:248 Resp: 6847
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.0 115.6#
 141 430.7 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

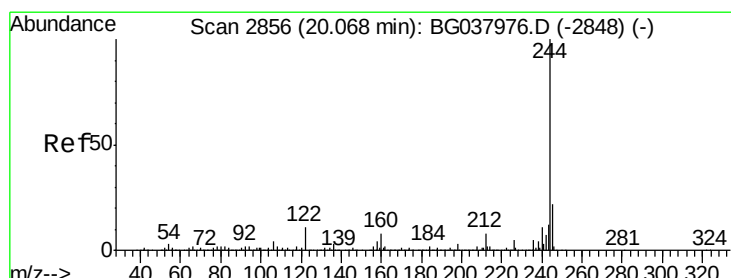
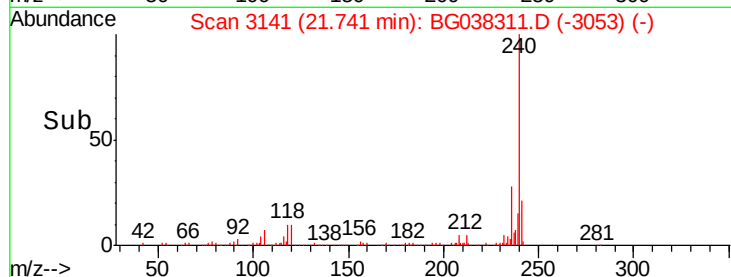
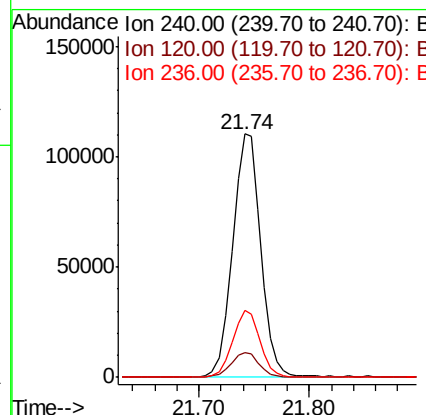
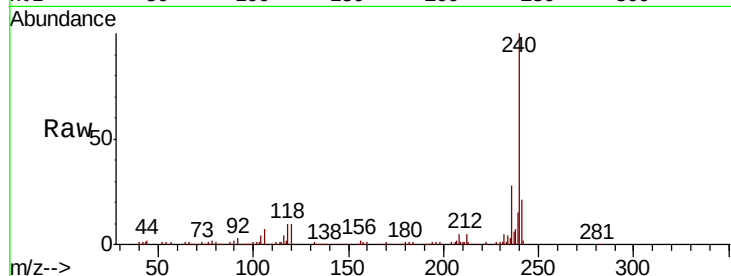




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

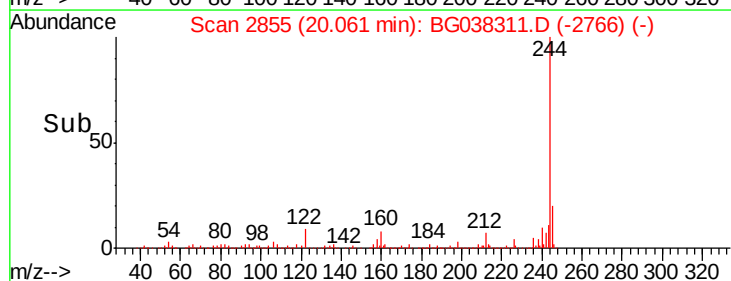
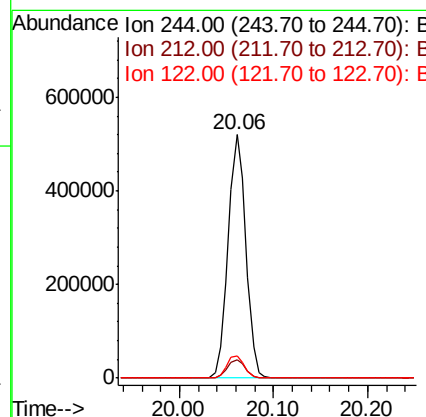
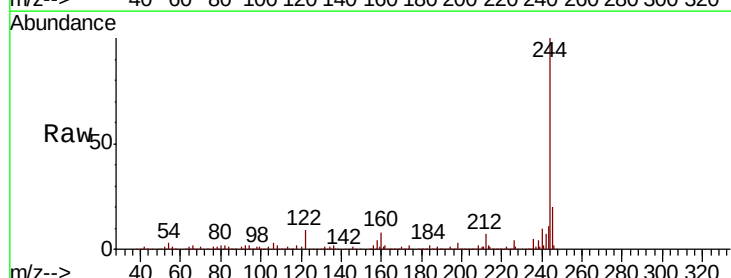
Instrument :
BNA_G
ClientSampleId :
S2-0-0.5-BGS

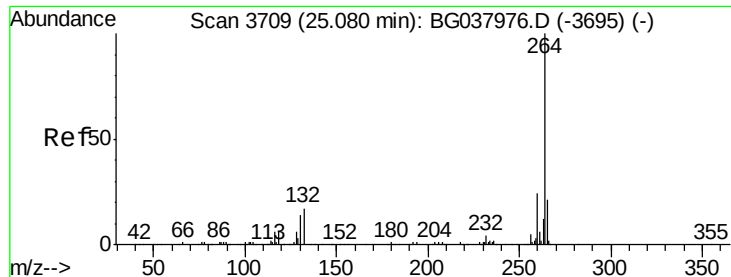
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	27.6	21.4	32.0



#79
Terphenyl-d14
Concen: 82.343 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG038311.D
Acq: 3 Dec 2018 22:19

Instrument :
BNA_G
ClientSampleId :
S2-0-0.5-BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.0	17.9	26.9

