

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038180.D
 Acq On : 27 Nov 2018 23:35
 Operator : JU/SJ
 Sample : J5774-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-A

Quant Time: Nov 28 04:13:19 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

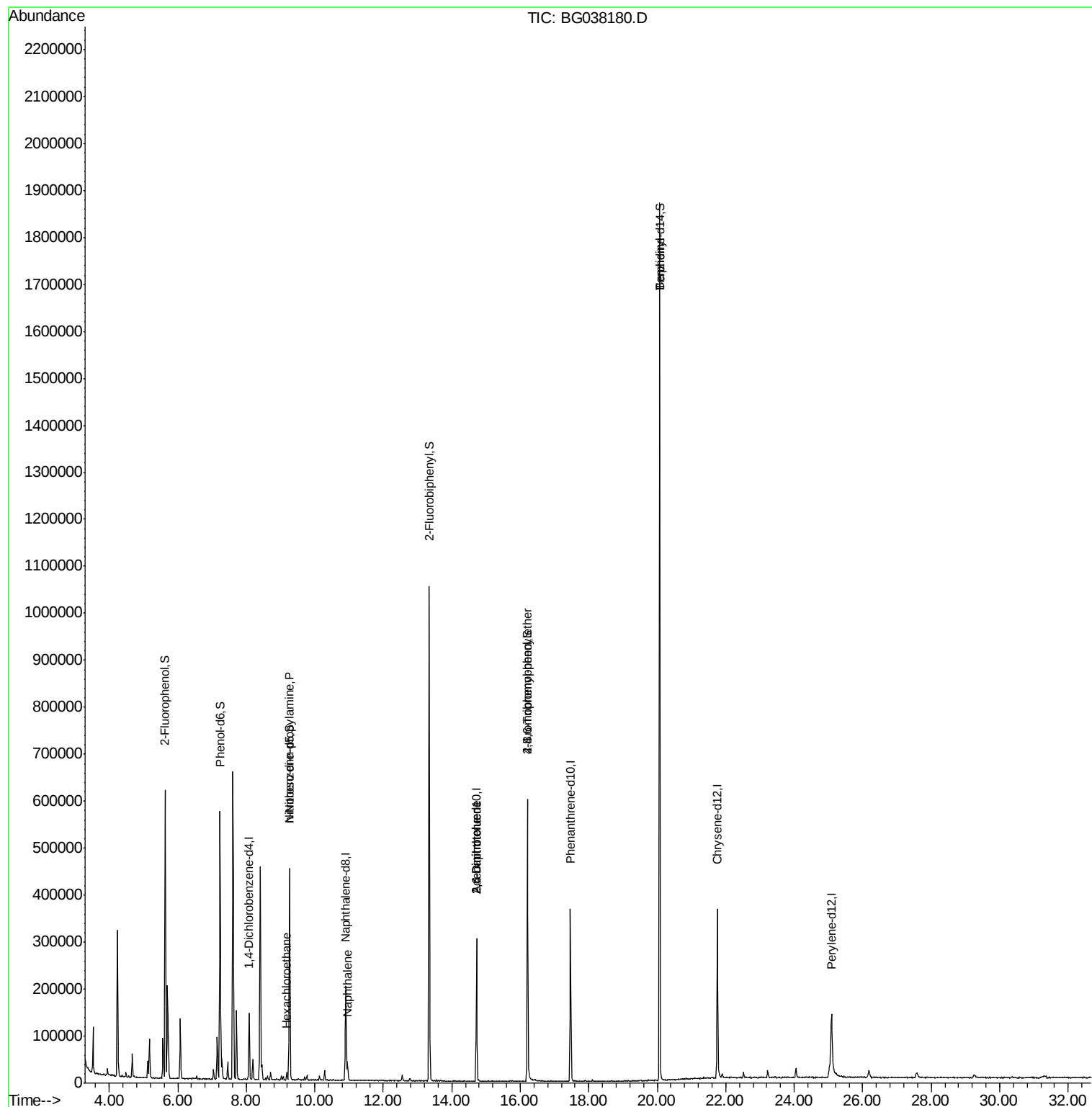
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40700	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	175668	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109556	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	247674	20.00	ng	0.00
76) Chrysene-d12	21.76	240	230354	20.00	ng	0.00
87) Perylene-d12	25.09	264	205464	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	270276	114.66	ng	0.00
7) Phenol-d6	7.24	99	338772	100.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	271138	82.62	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	115510	92.45	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	563981	75.00	ng	0.00
79) Terphenyl-d14	20.07	244	916587	93.63	ng	0.00
Target Compounds						
18) Hexachloroethane	9.19	117	2762	2.384	ng	# 1
19) n-Nitroso-di-n-propylamine	9.26	70	35205	14.459	ng	# 79
31) Naphthalene	10.96	128	36346	4.207	ng	# 97
51) 2,6-Dinitrotoluene	14.72	165	13848	7.045	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	13848	5.178	ng	# 26
67) 4-Bromophenyl-phenylether	16.20	248	7726	2.842	ng	# 1
77) Benzidine	20.07	184	16225	2.007	ng	# 93

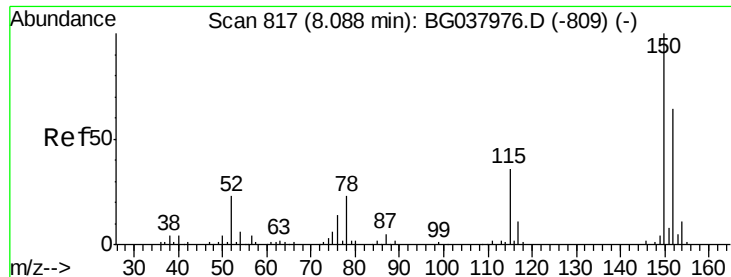
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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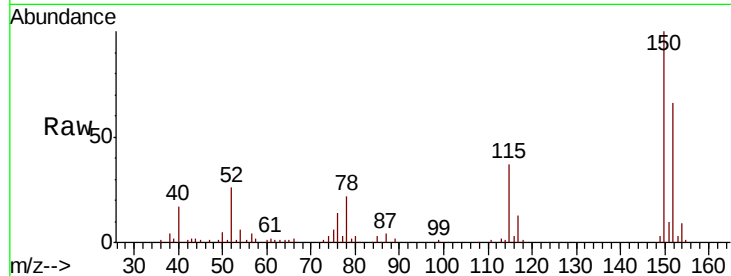




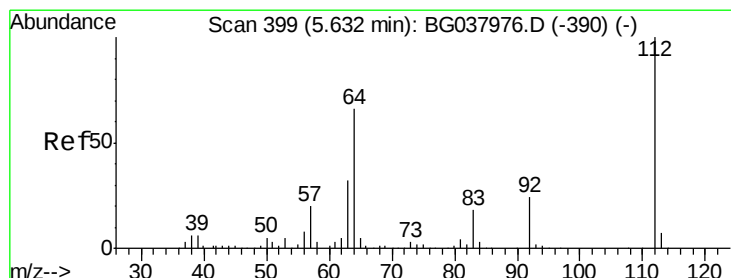
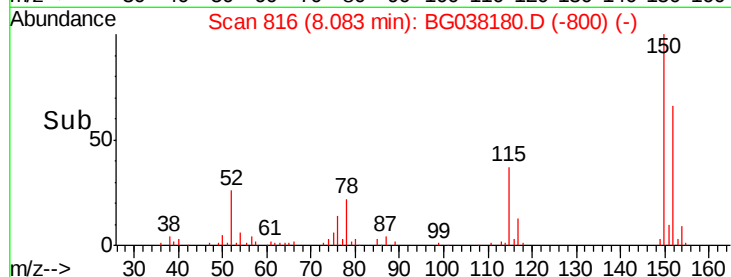
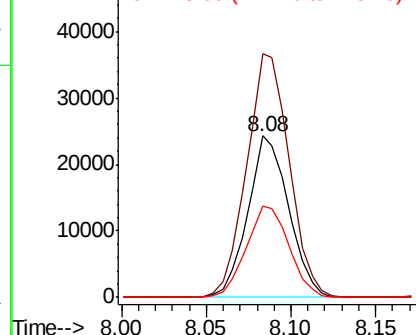
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-A

Tgt Ion:152 Resp: 40700
 Ion Ratio Lower Upper
 152 100
 150 150.8 126.0 189.0
 115 56.2 45.5 68.3

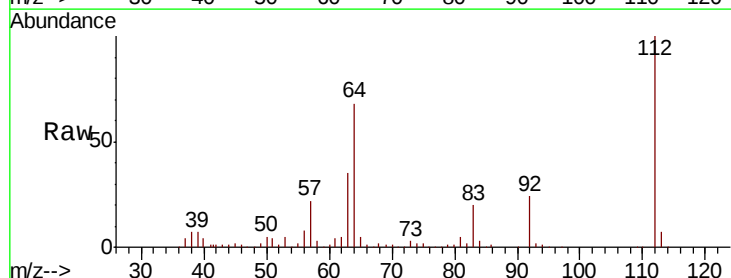


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

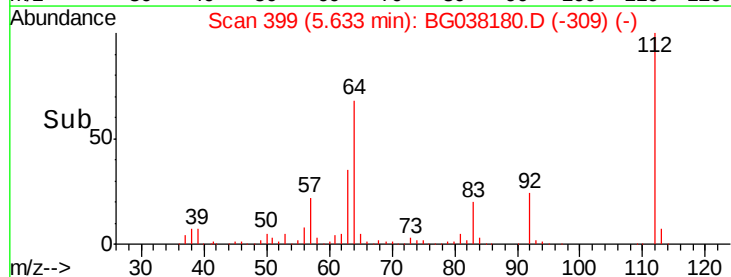
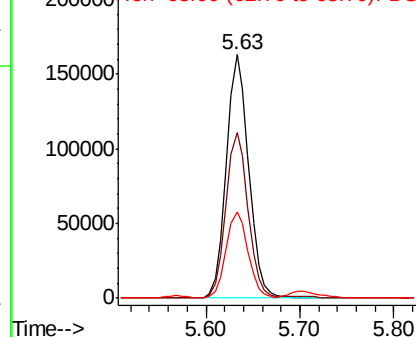


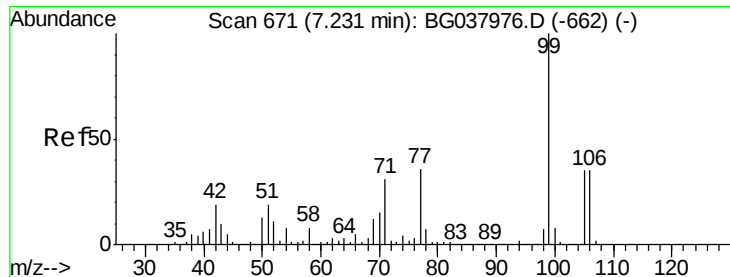
#5
 2-Fluorophenol
 Concen: 114.656 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Tgt Ion:112 Resp: 270276
 Ion Ratio Lower Upper
 112 100
 64 67.8 53.1 79.7
 63 35.3 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: 100.679 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-A

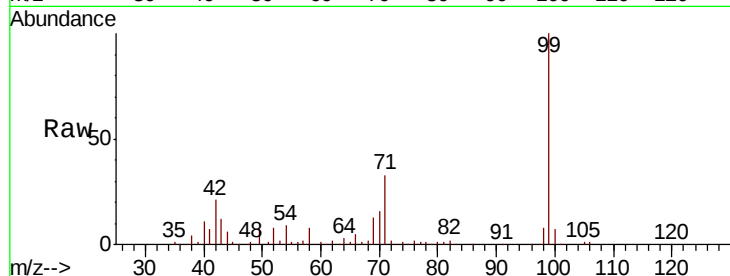
Tgt Ion: 99 Resp: 338772

Ion Ratio Lower Upper

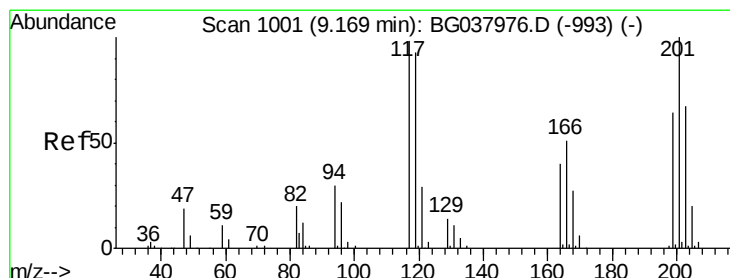
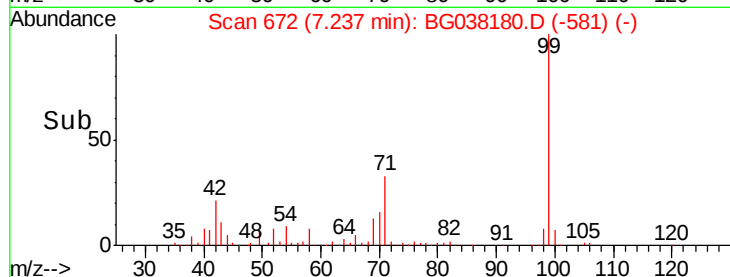
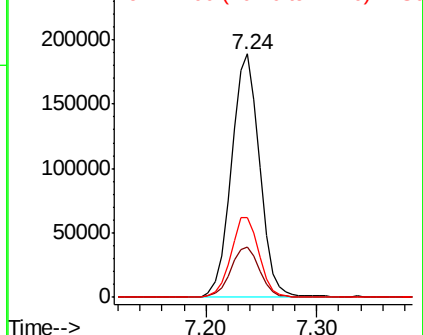
99 100

42 20.7 15.0 22.4

71 33.0 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



#18

Hexachloroethane

Concen: 2.384 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

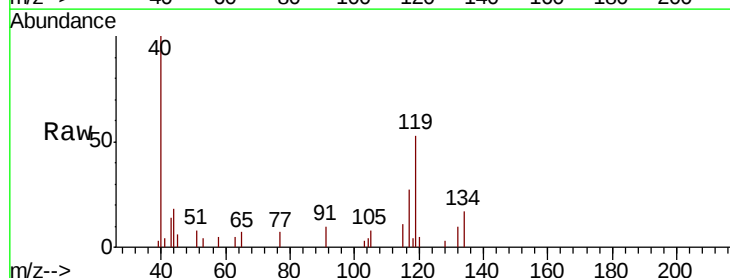
Tgt Ion: 117 Resp: 2762

Ion Ratio Lower Upper

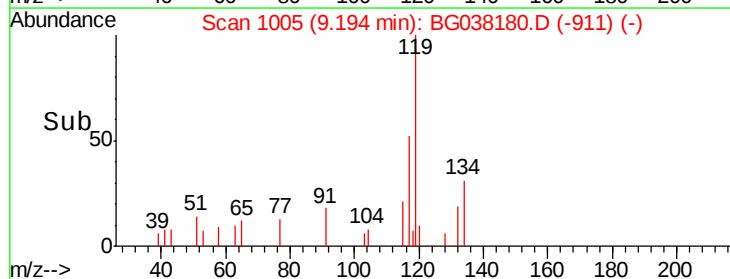
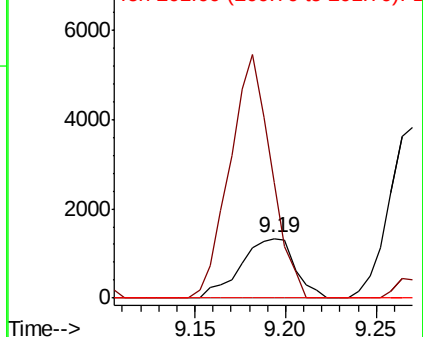
117 100

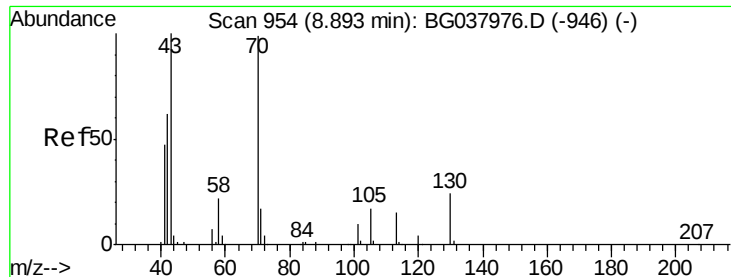
119 193.7 74.6 111.8#

201 0.0 80.8 121.2#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

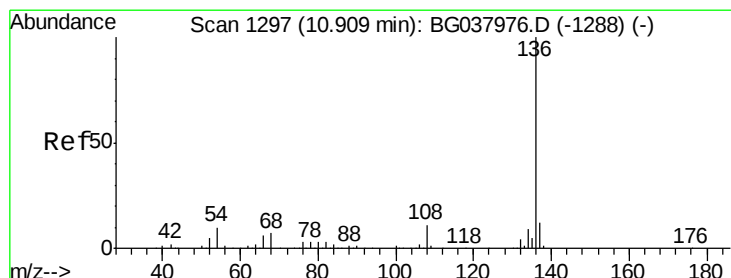
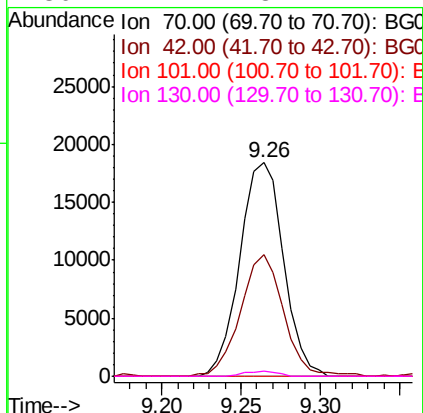
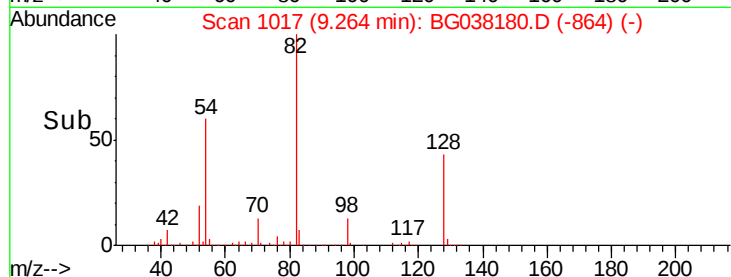
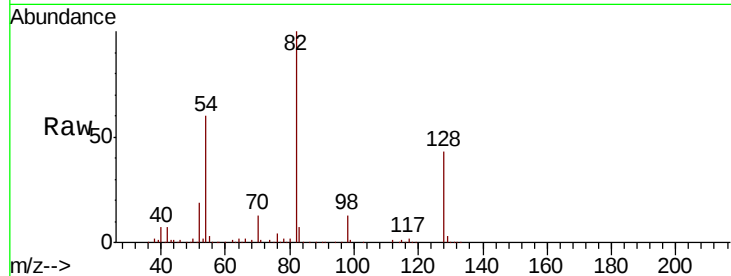




#19
n-Nitroso-di-n-propylamine
Concen: 14.459 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

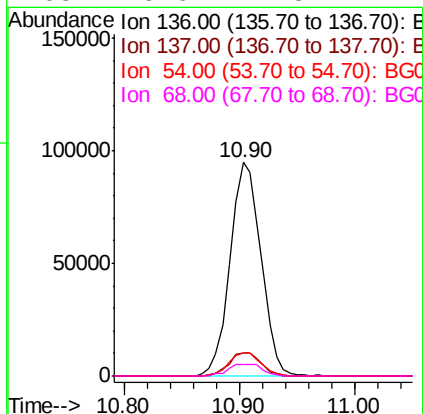
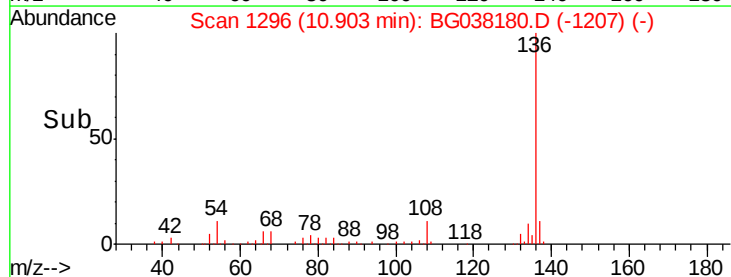
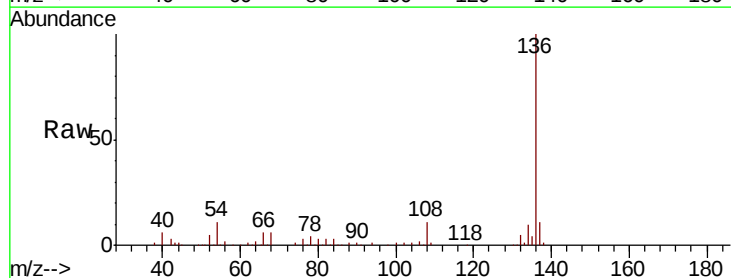
Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

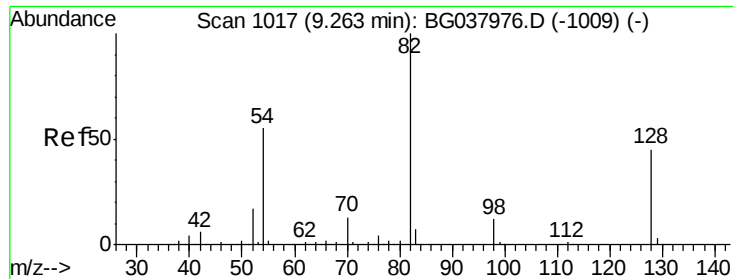
Tgt Ion: 70 Resp: 35205
Ion Ratio Lower Upper
70 100
42 57.0 53.9 80.9
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion: 136 Resp: 175668
Ion Ratio Lower Upper
136 100
137 10.9 9.6 14.4
54 11.1 7.9 11.9
68 5.6 4.8 7.2

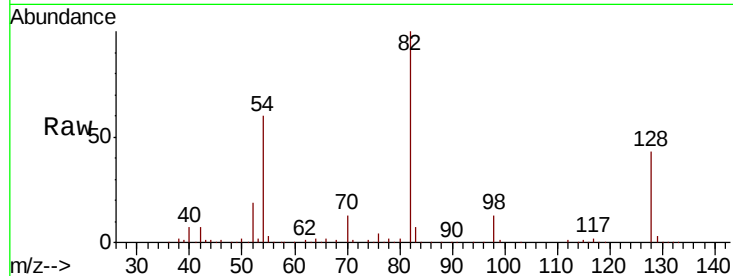




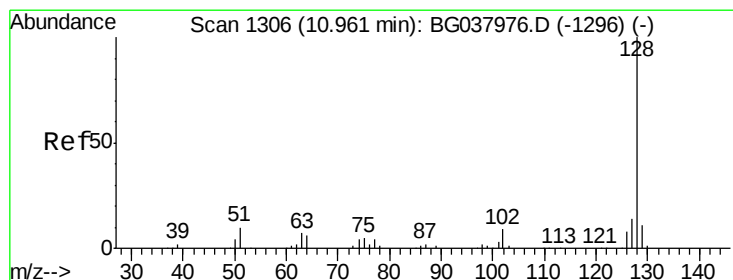
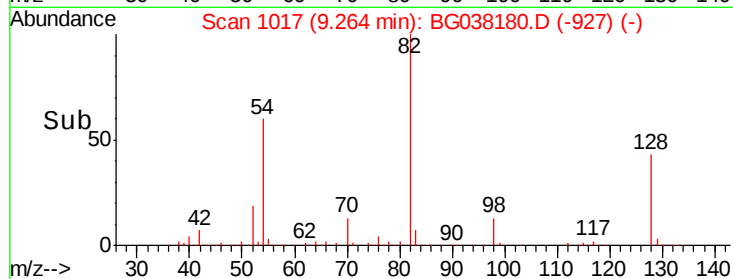
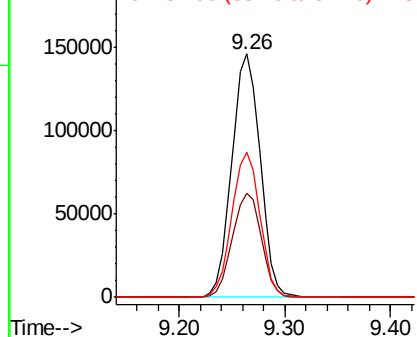
#23
Nitrobenzene-d5
Concen: 82.622 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion: 82 Resp: 271138
Ion Ratio Lower Upper
82 100
128 42.9 34.6 51.8
54 59.8 45.3 67.9

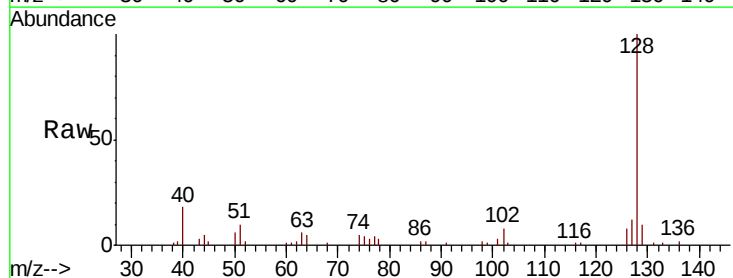


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

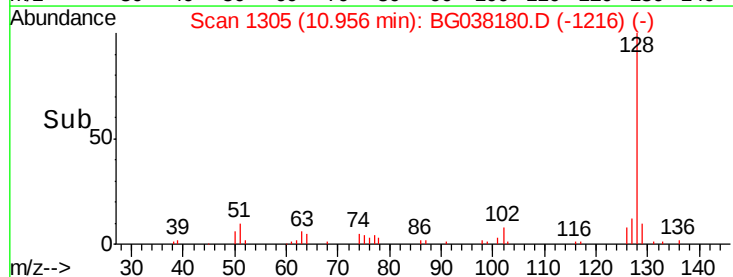
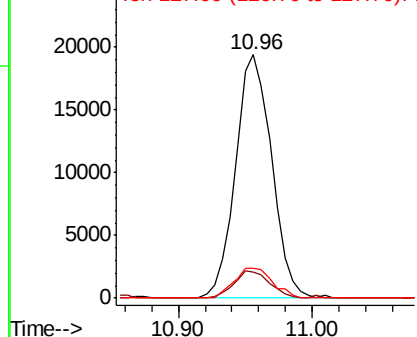


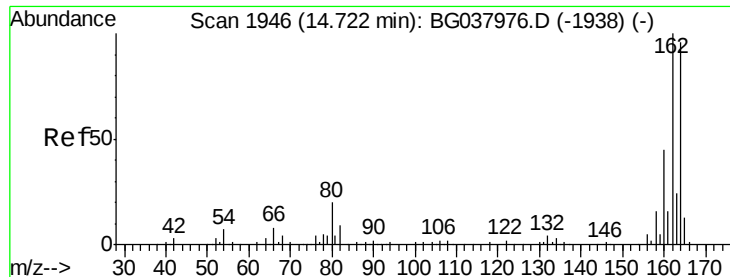
#31
Naphthalene
Concen: 4.207 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Tgt Ion: 128 Resp: 36346
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-A

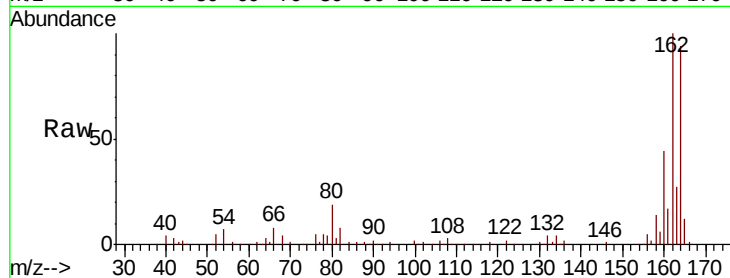
Tgt Ion:164 Resp: 109556

Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

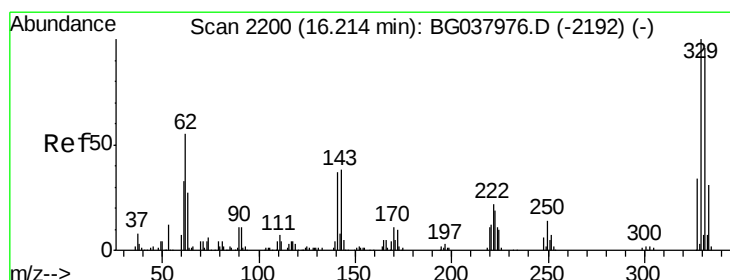
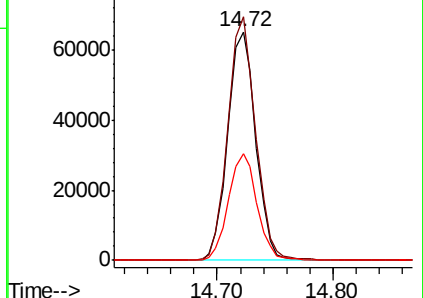
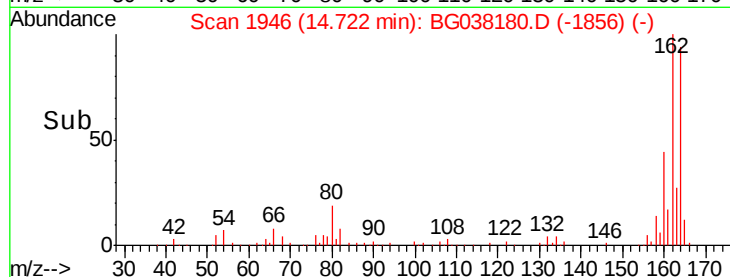
160 46.9 36.3 54.5



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: 92.448 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

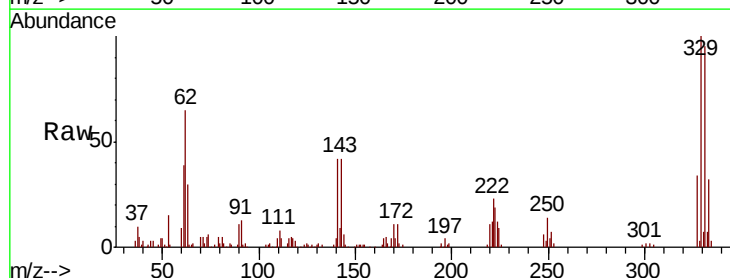
Tgt Ion:330 Resp: 115510

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

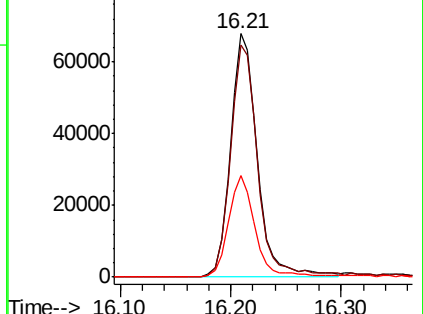
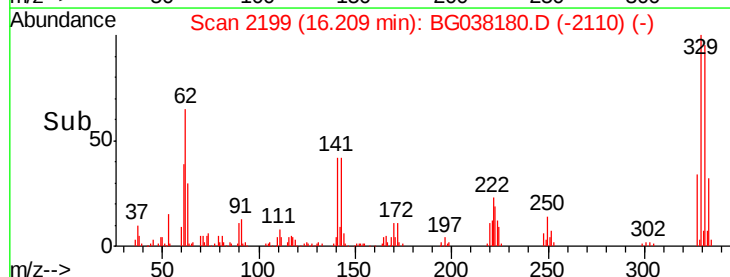
141 41.8 32.2 48.2

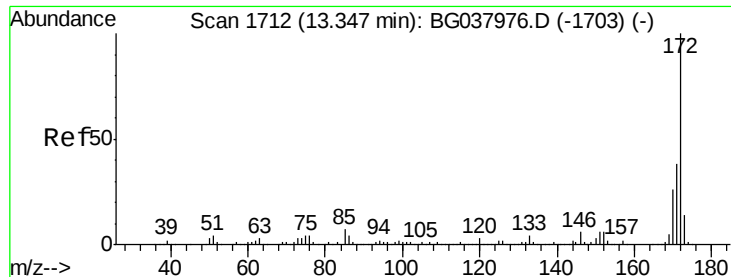


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

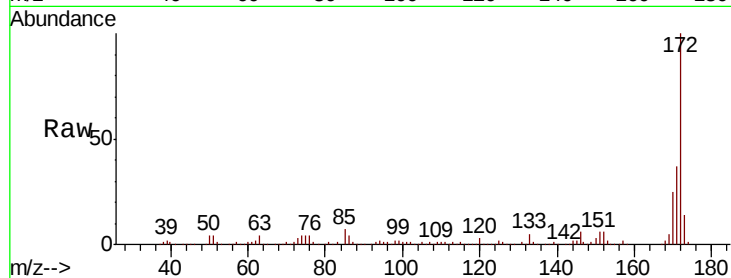




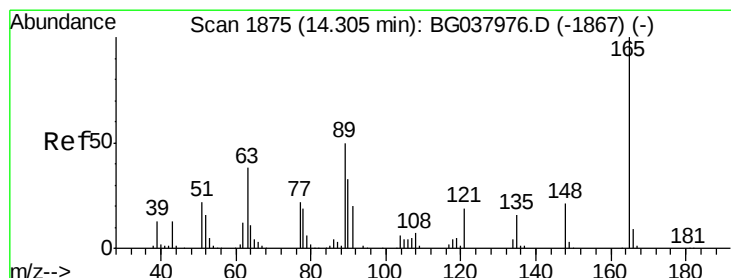
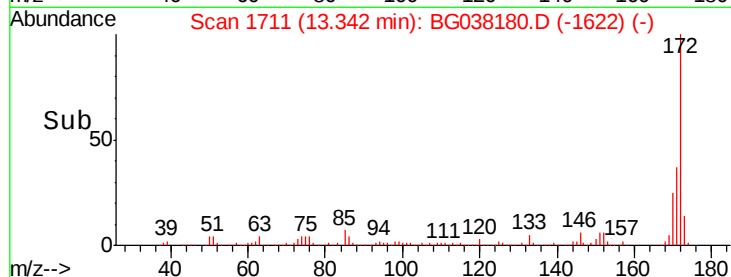
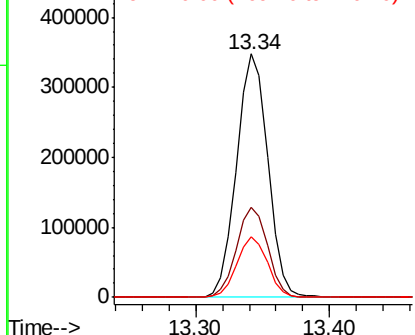
#45
 2-Fluorobiphenyl
 Concen: 74.997 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Instrument :
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 SU-03-112118-A

Tgt Ion:172 Resp: 563981
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.8 20.2 30.2

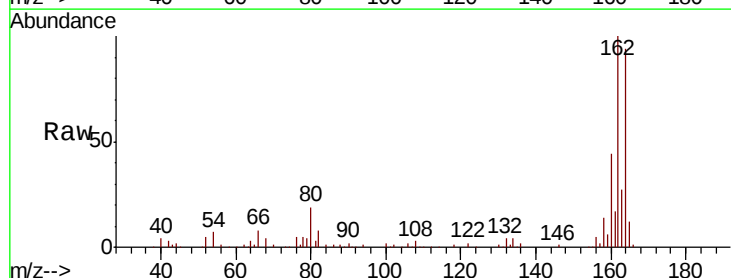


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

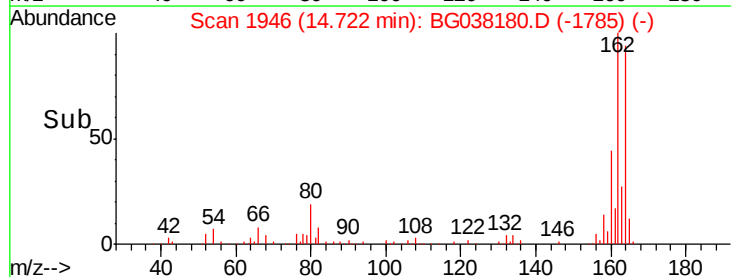
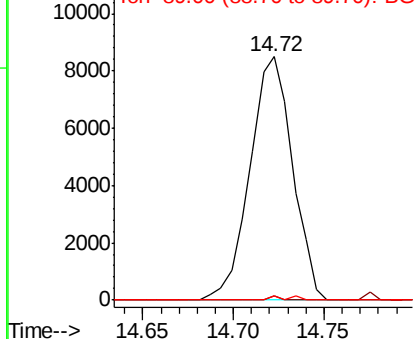


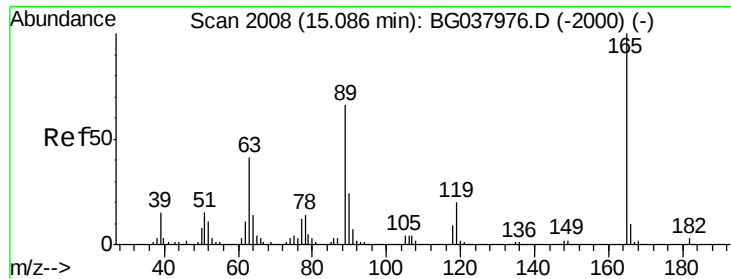
#51
 2,6-Dinitrotoluene
 Concen: 7.045 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Tgt Ion:165 Resp: 13848
 Ion Ratio Lower Upper
 165 100
 63 1.9 43.4 65.2#
 89 1.9 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

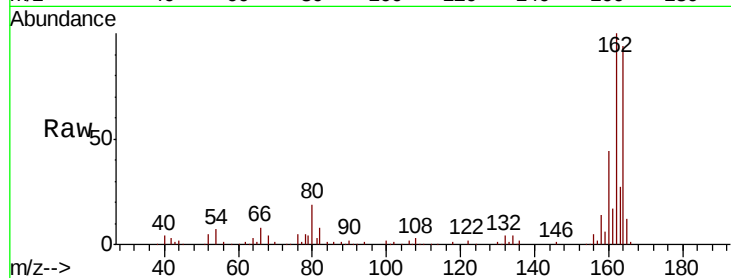




#57
 2,4-Dinitrotoluene
 Concen: 5.178 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#

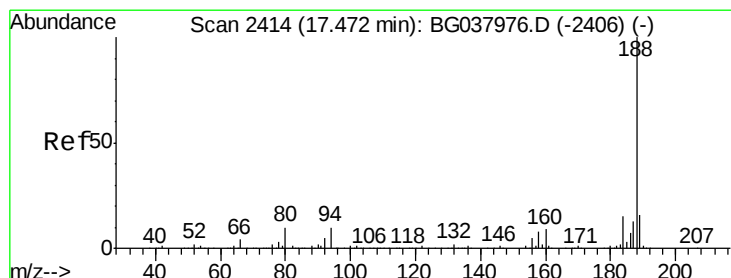
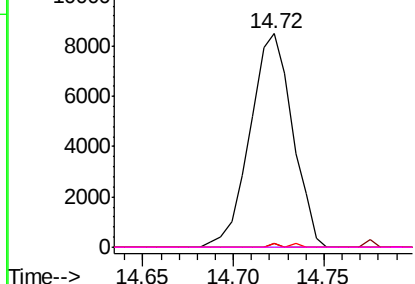
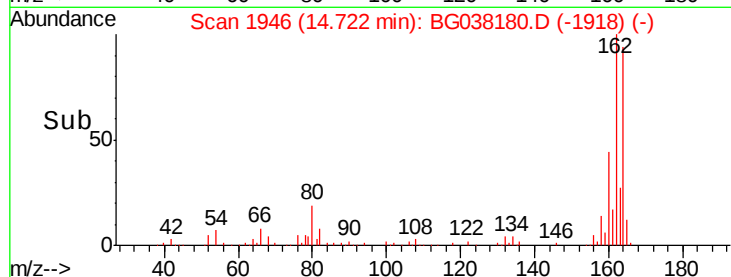


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

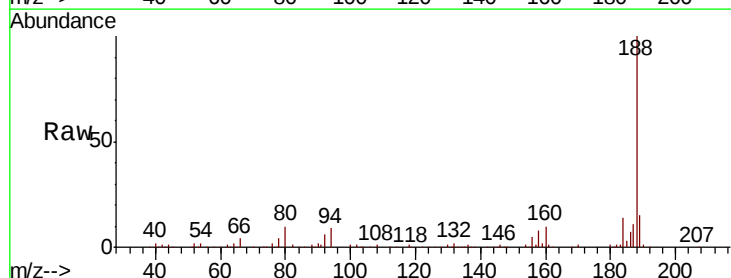
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

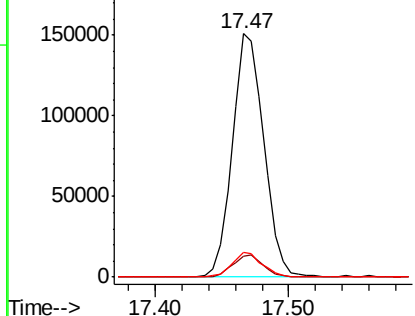
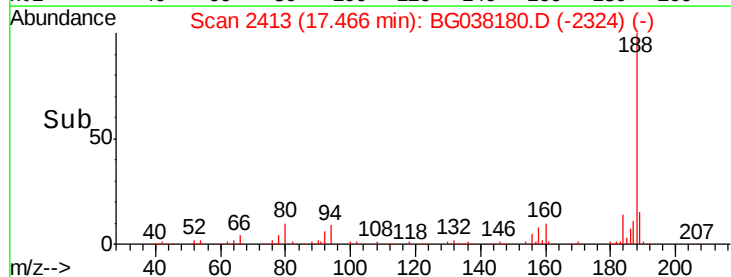
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.1	7.7	11.5

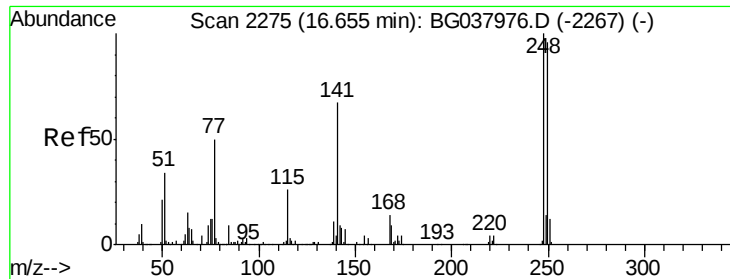


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

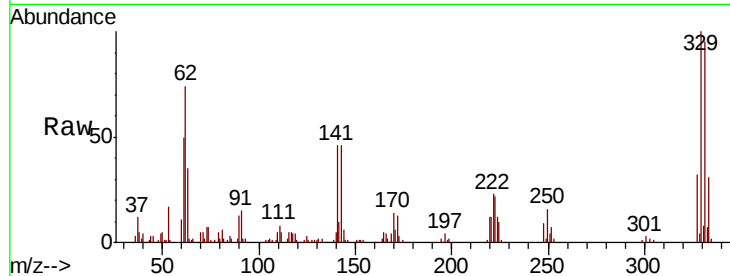




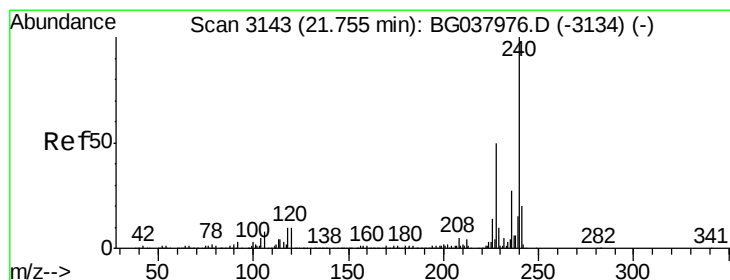
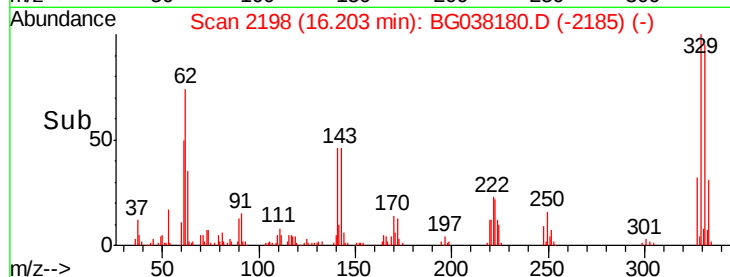
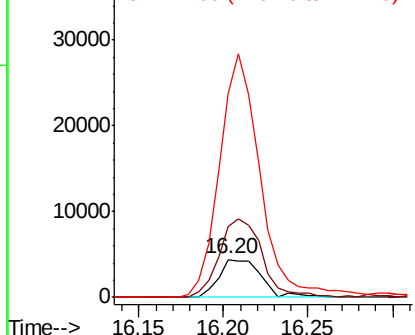
#67
 4-Bromophenyl-phenylether
 Concen: 2.842 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-A

Tgt Ion:248 Resp: 7726
 Ion Ratio Lower Upper
 248 100
 250 180.6 77.0 115.6#
 141 418.7 55.5 83.3#

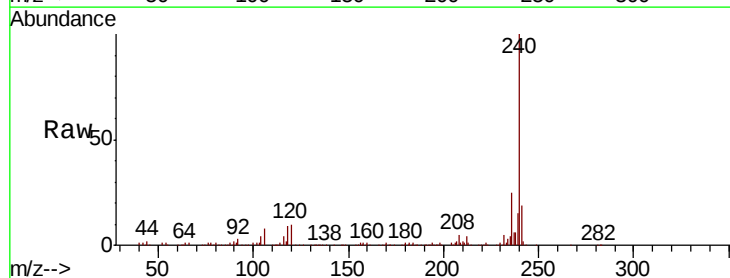


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

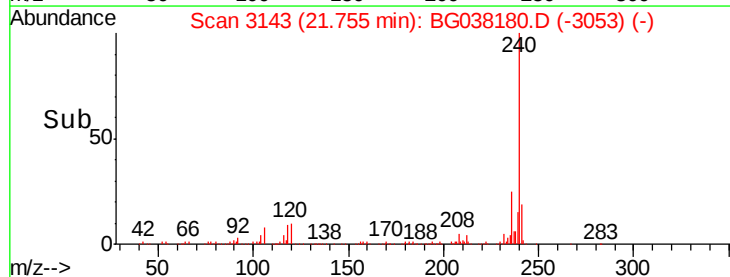
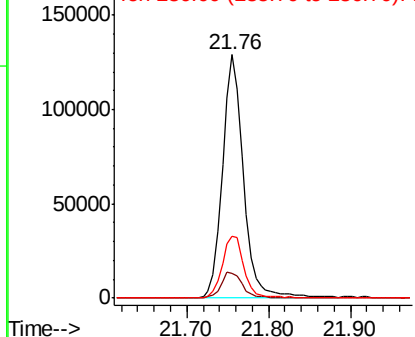


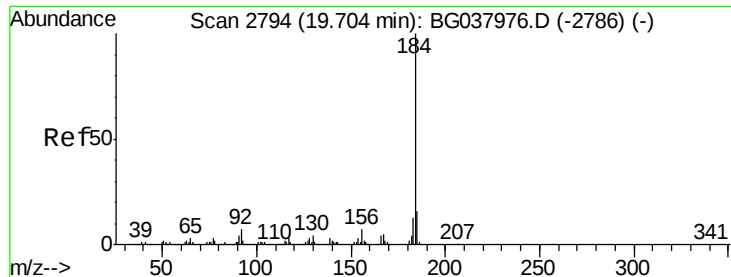
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038180.D
 Acq: 27 Nov 2018 23:35

Tgt Ion:240 Resp: 230354
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 25.2 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: 2.007 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-A

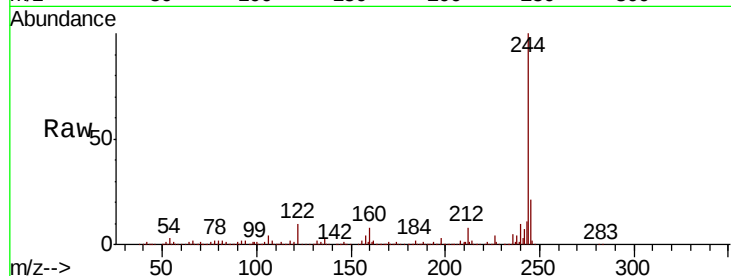
Tgt Ion:184 Resp: 16225

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

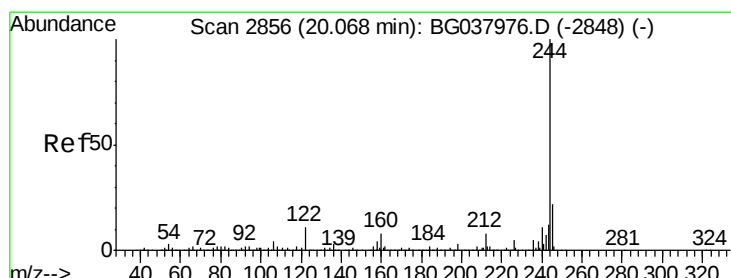
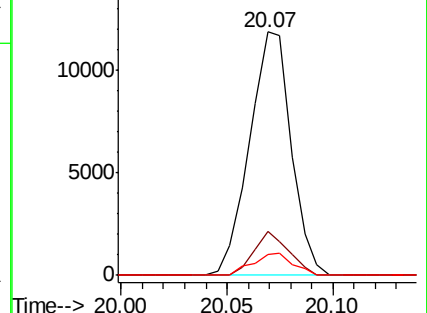
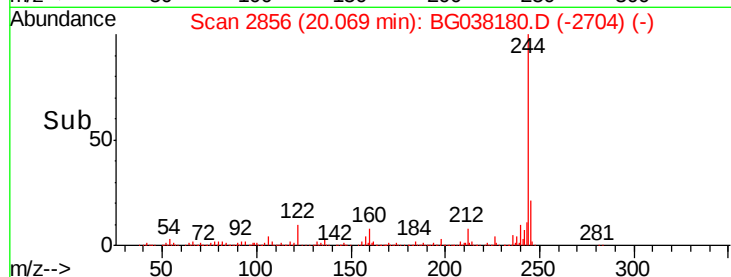
183 8.7 10.2 15.2#



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: 93.627 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038180.D

Acq: 27 Nov 2018 23:35

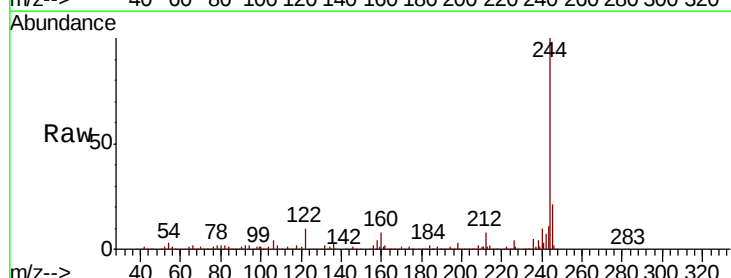
Tgt Ion:244 Resp: 916587

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

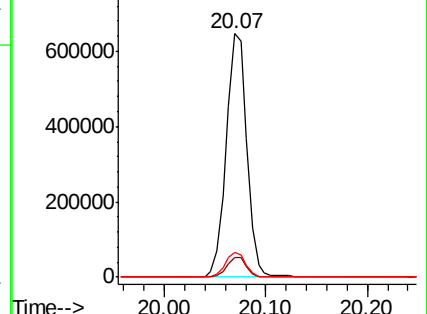
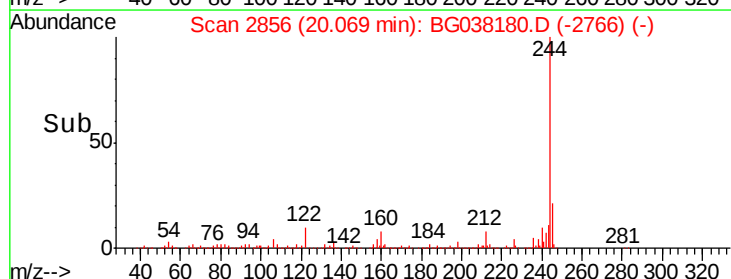
122 10.4 9.0 13.4

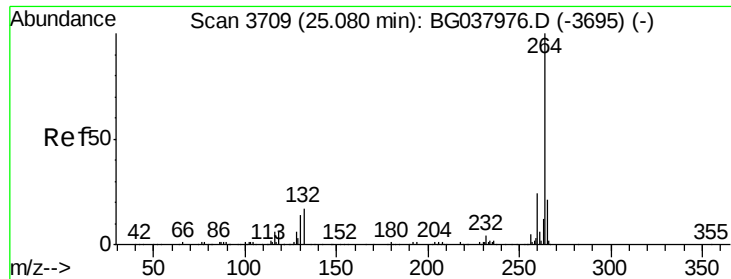


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
Delta R.T. 0.01 min
Lab File: BG038180.D
Acq: 27 Nov 2018 23:35

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.7	17.9	26.9

