

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013118\
 Data File : BG032462.D
 Acq On : 31 Jan 2018 12:58
 Operator : SJ/JU
 Sample : J1311-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19505-7

Quant Time: Jan 31 13:42:57 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

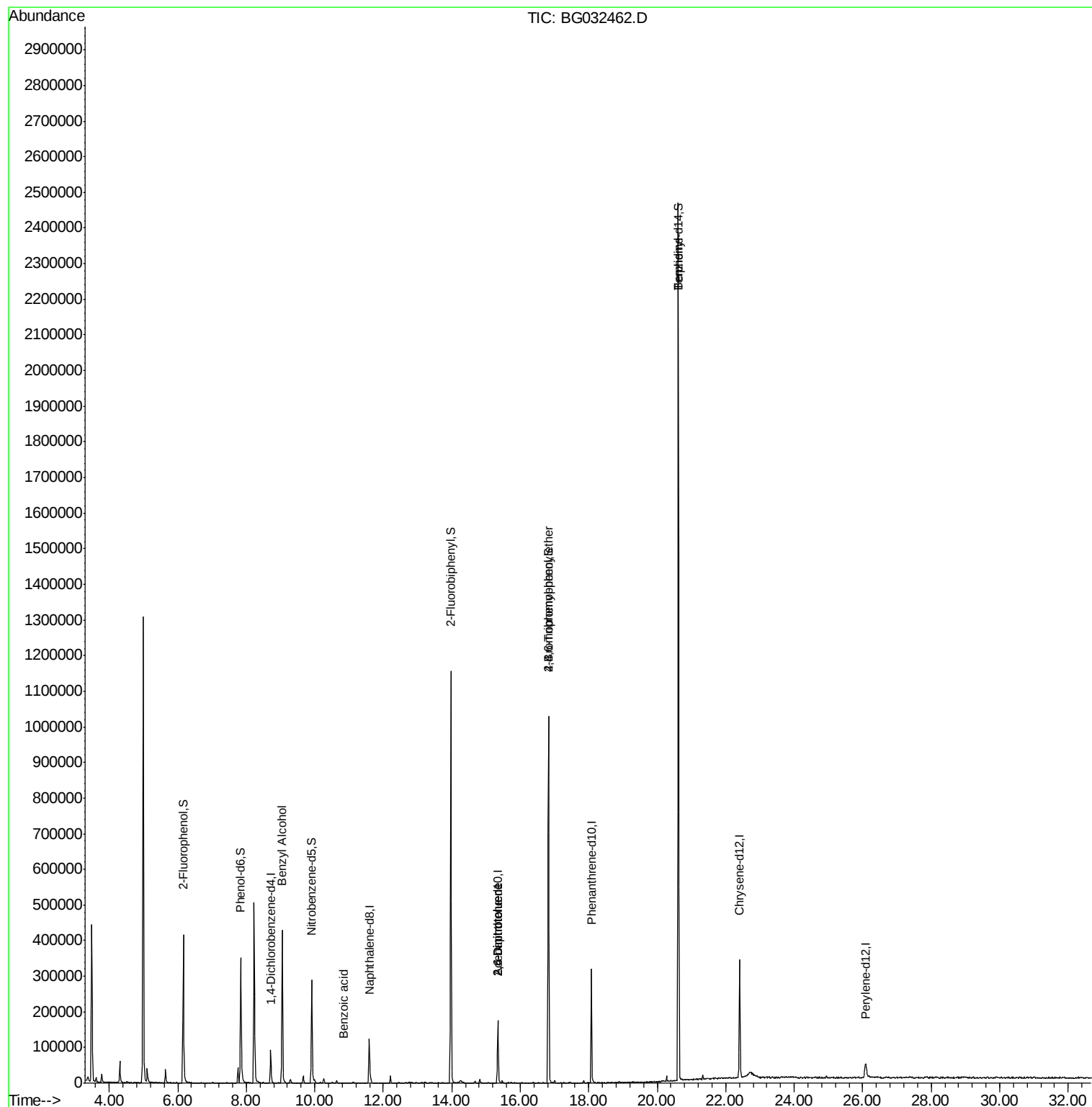
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	33163	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	125773	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	60387	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	220008	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	239612	20.00	ng	-0.01
86) Perylene-d12	26.08	264	33740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	229340	138.90	ng	0.00
7) Phenol-d6	7.84	99	225206	102.22	ng	0.00
23) Nitrobenzene-d5	9.92	82	195907	97.29	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	249521	217.08	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	686767	135.17	ng	-0.01
78) Terphenyl-d14	20.61	244	1327506	118.68	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.06	79	3640	2.005	ng	# 39
32) Benzoic acid	10.84	122	63	7.326	ng	# 46
50) 2,6-Dinitrotoluene	15.34	165	7125	6.097	ng	# 23
56) 2,4-Dinitrotoluene	15.34	165	7125	4.282	ng	# 21
66) 4-Bromophenyl-phenylether	16.82	248	20224	6.205	ng	# 1
76) Benzidine	20.62	184	19827	4.214	ng	# 92

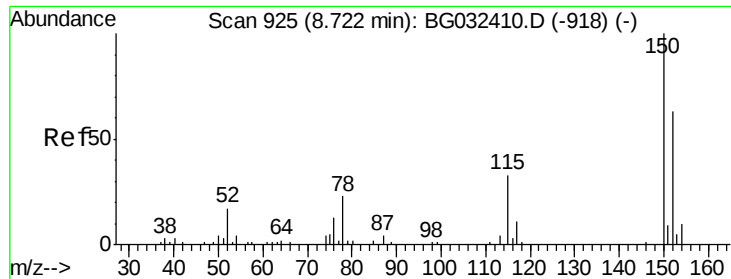
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013118\
Data File : BG032462.D
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Misc :
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BNA_G
ClientSampleId :
19505-7

Quant Time: Jan 31 13:42:57 2018
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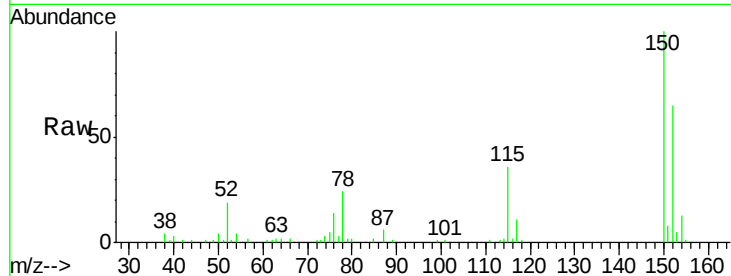


#1

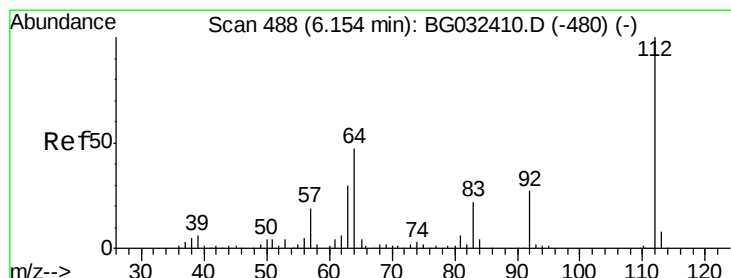
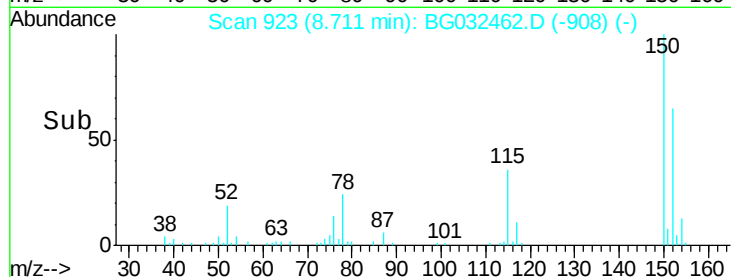
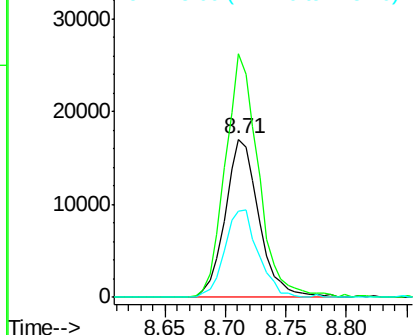
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :
19505-7

Tgt Ion:152 Resp: 33163
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 54.8 53.0 79.4



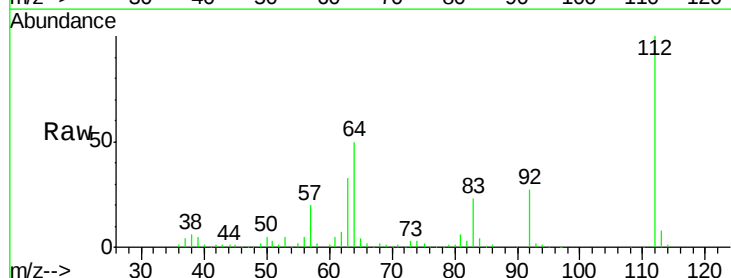
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



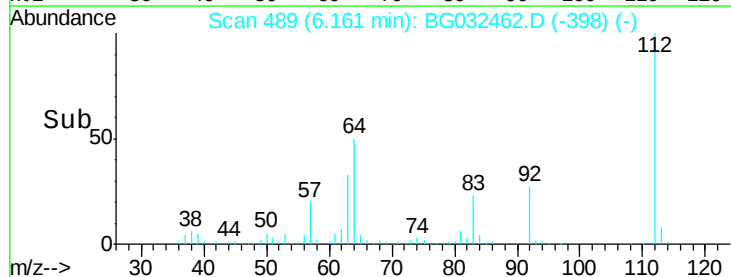
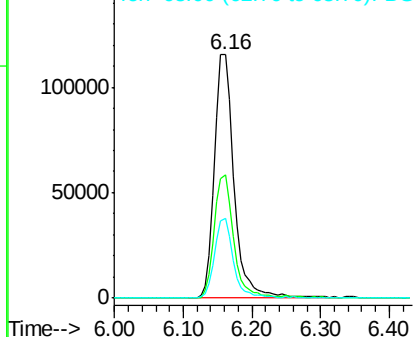
#5

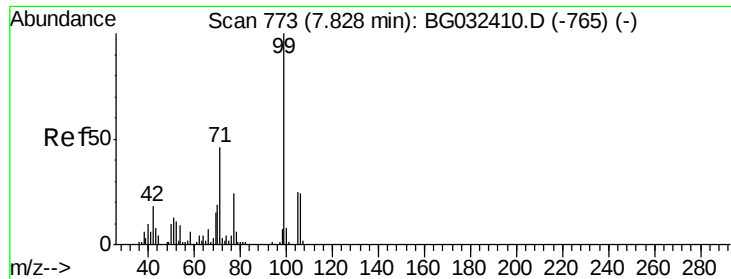
2-Fluorophenol
Concen: 138.903 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Tgt Ion:112 Resp: 229340
Ion Ratio Lower Upper
112 100
64 50.4 56.3 84.5#
63 32.8 30.1 45.1



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: 102.216 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

19505-7

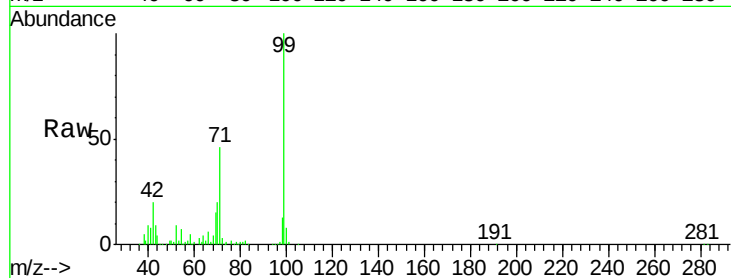
Tgt Ion: 99 Resp: 225206

Ion Ratio Lower Upper

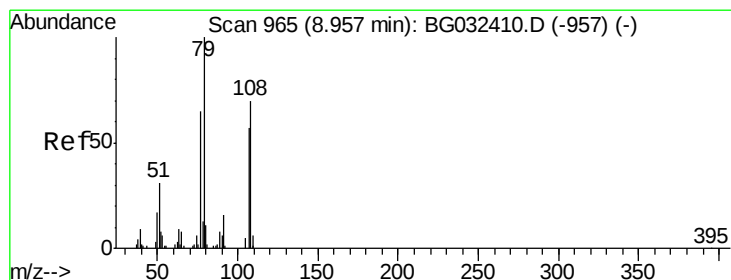
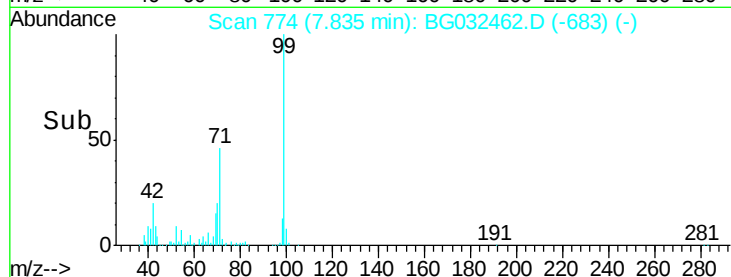
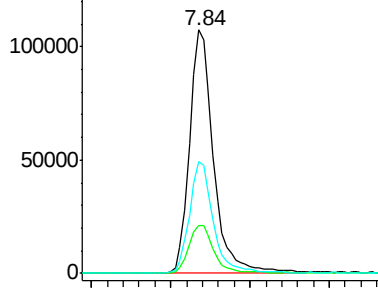
99 100

42 19.7 14.1 21.1

71 46.1 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.005 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.10 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

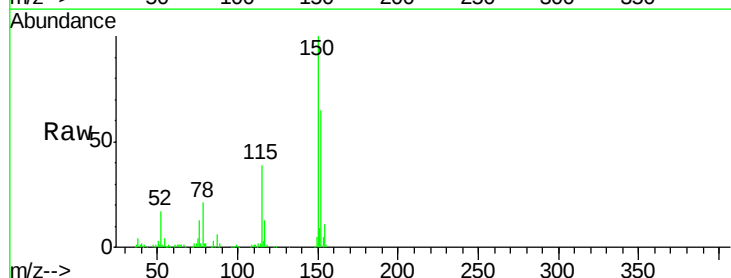
Tgt Ion: 79 Resp: 3640

Ion Ratio Lower Upper

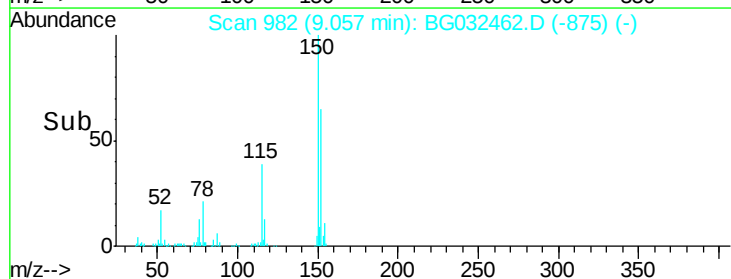
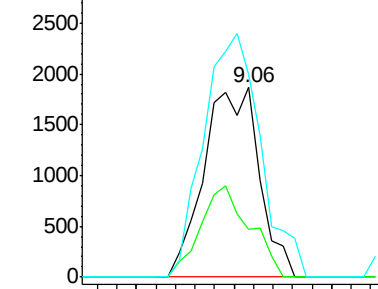
79 100

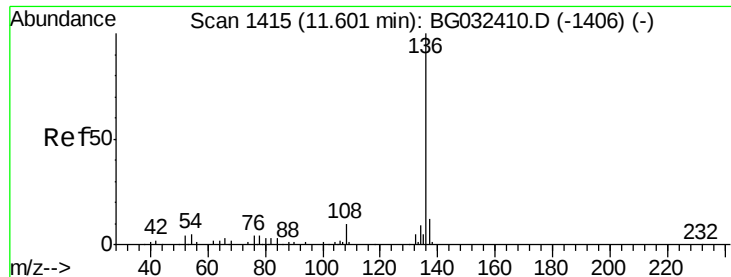
108 25.0 57.2 85.8#

77 106.9 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

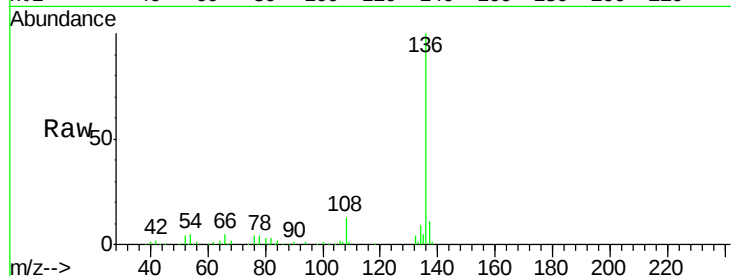




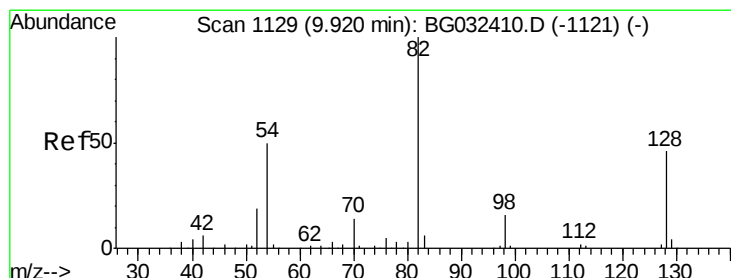
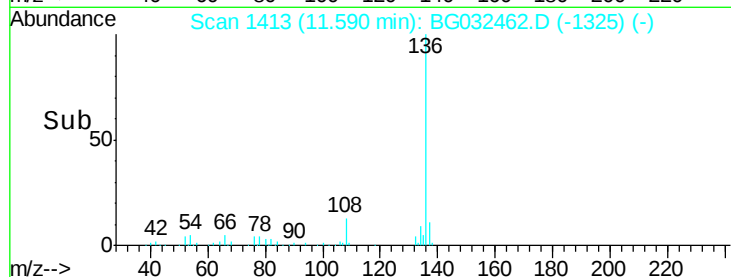
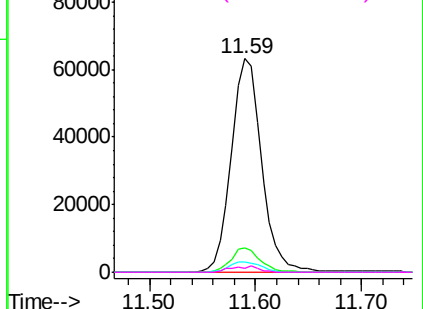
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :
19505-7

Tgt Ion:	136	Resp:	125773
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	4.5	10.3	15.5#
68	1.9	4.5	6.7#

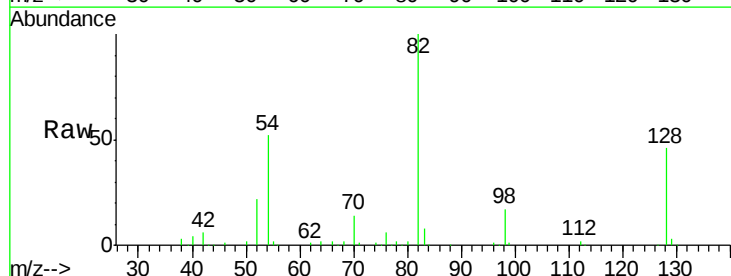


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

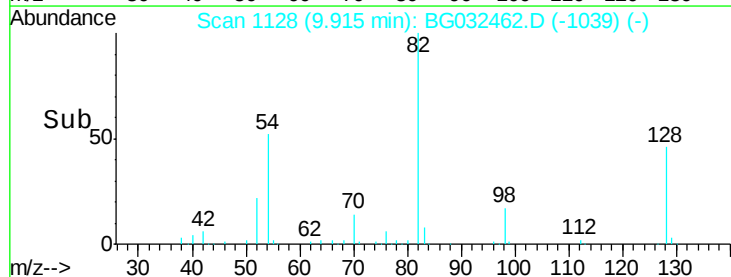
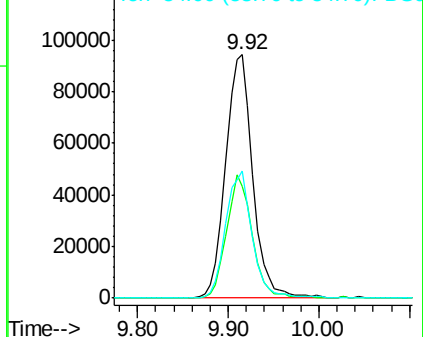


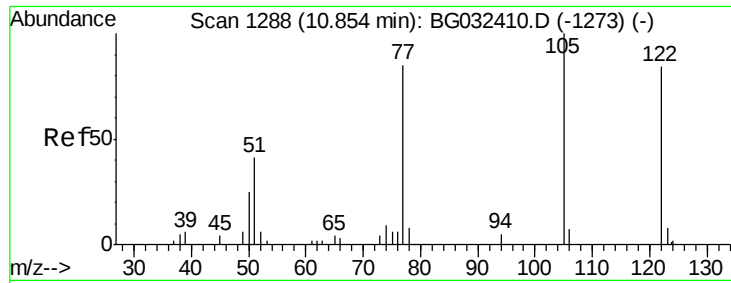
#23
Nitrobenzene-d5
Concen: 97.290 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Tgt Ion:	82	Resp:	195907
Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	52.0	43.1	64.7



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





#32

Benzoic acid

Concen: 7.326 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

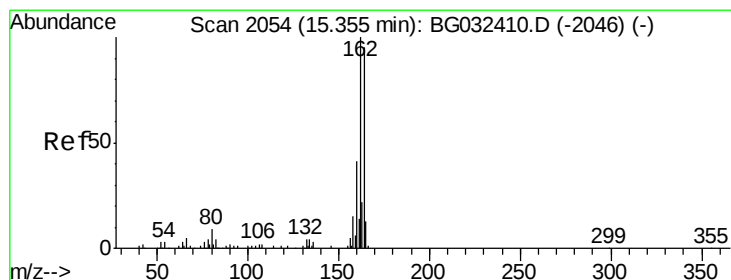
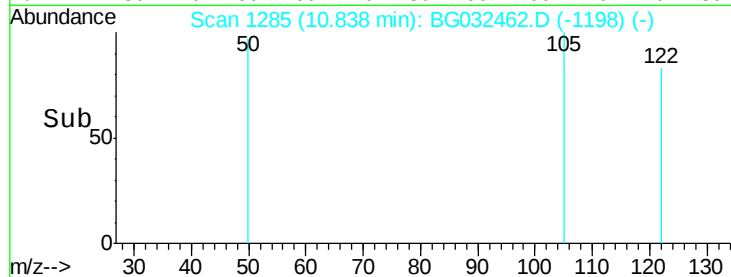
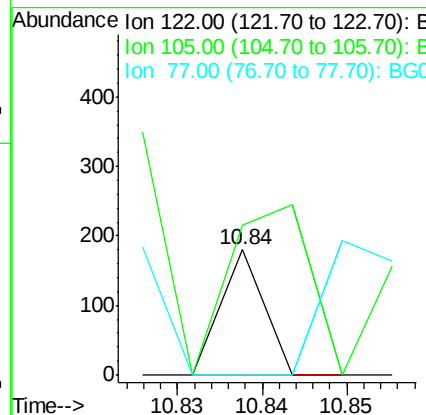
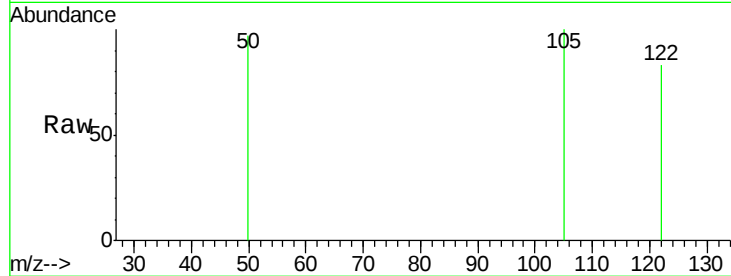
BNA_G

ClientSampleId :

19505-7

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	120.0	123.5	163.5#
77	0.0	85.7	125.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

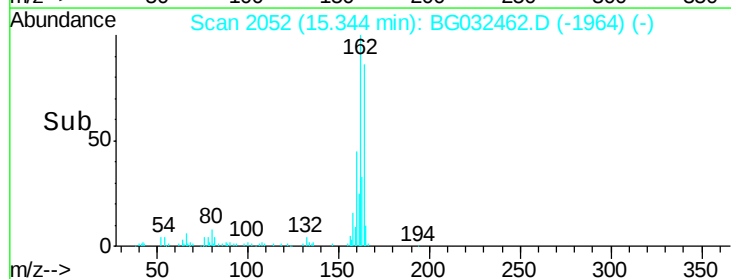
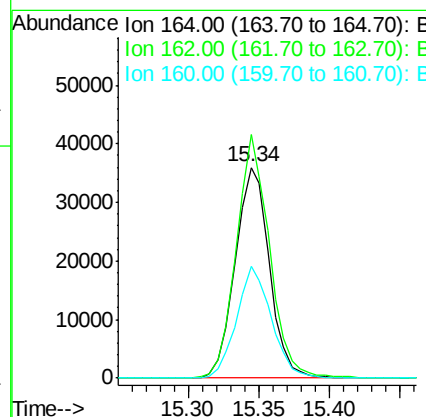
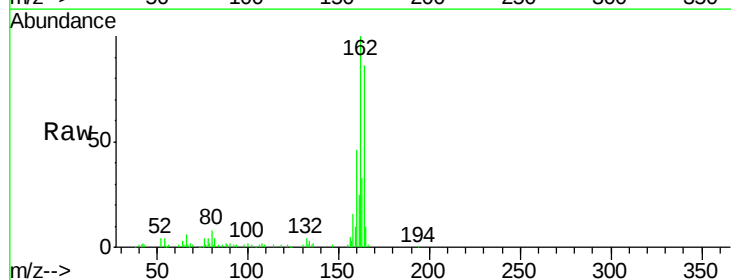
Delta R.T. -0.01 min

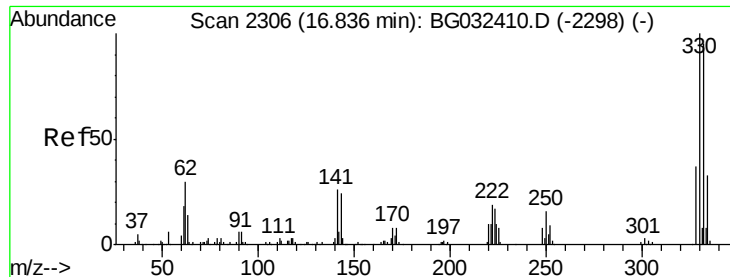
Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Tgt Ion:164 Resp: 60387

Ion	Ratio	Lower	Upper
164	100		
162	115.7	78.8	118.2
160	52.9	35.4	53.0

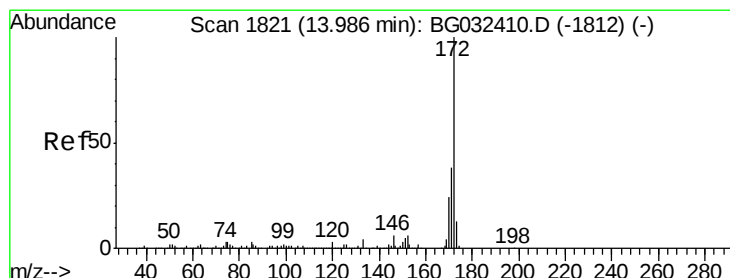
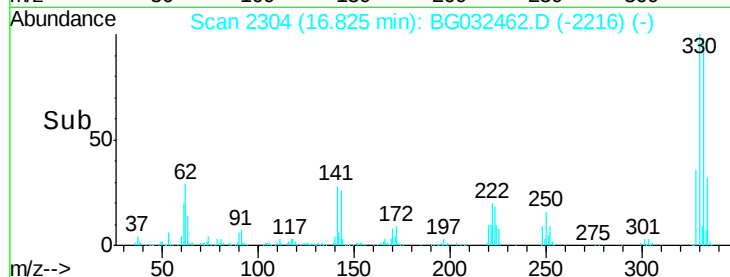
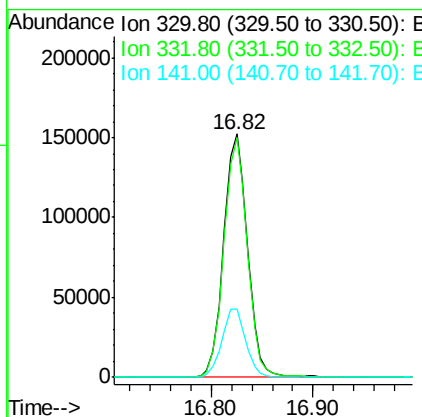
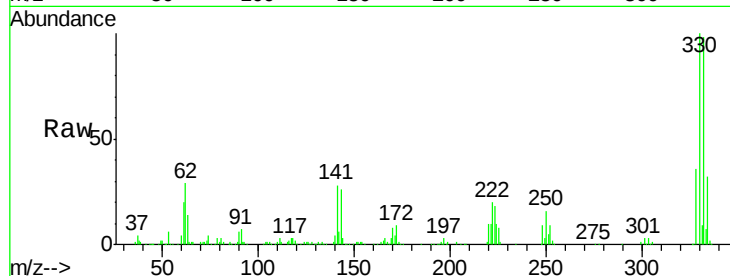




#41
 2,4,6-Tribromophenol
 Concen: 217.075 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

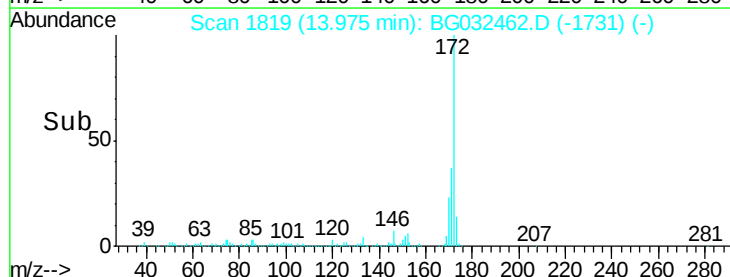
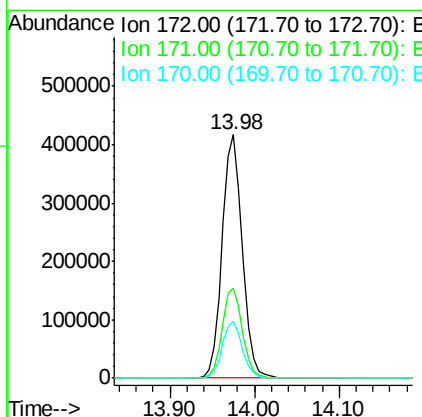
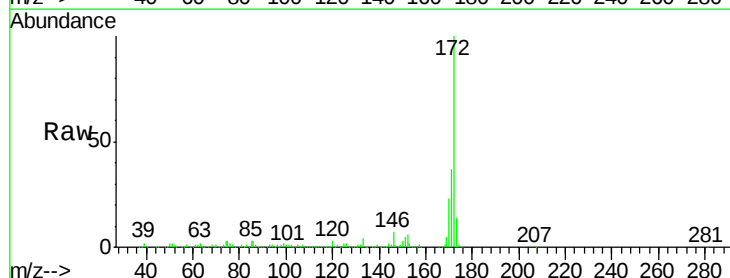
Instrument :
 BNA_G
 ClientSampleId :
 19505-7

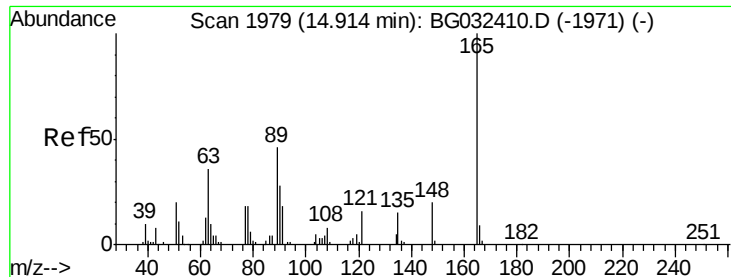
Tgt Ion:330 Resp: 249521
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 28.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 135.173 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Tgt Ion:172 Resp: 686767
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.2 19.5 29.3

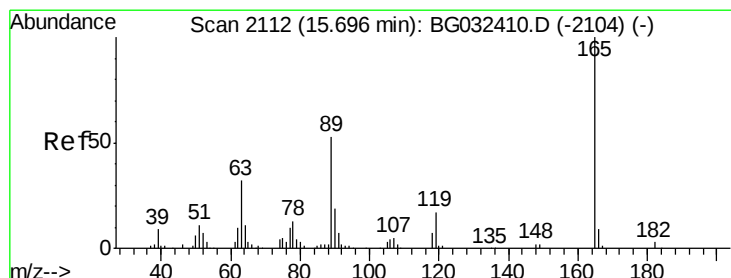
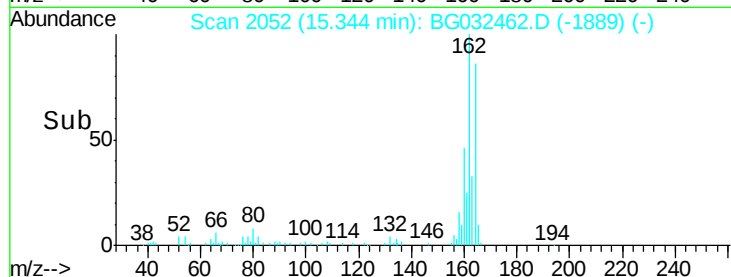
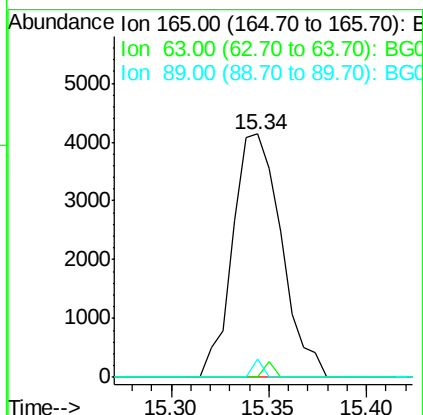
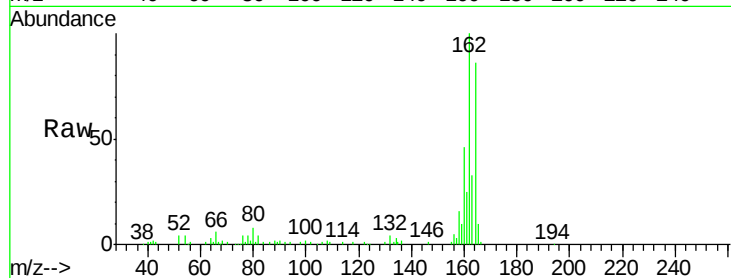




#50
2,6-Dinitrotoluene
Concen: 6.097 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

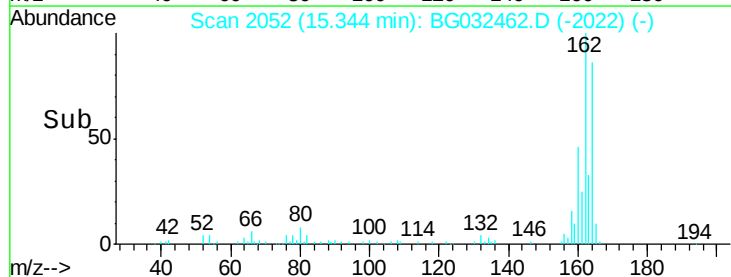
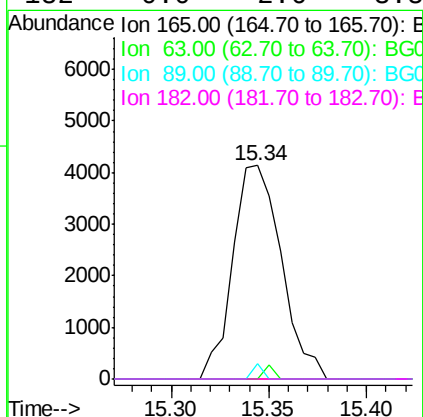
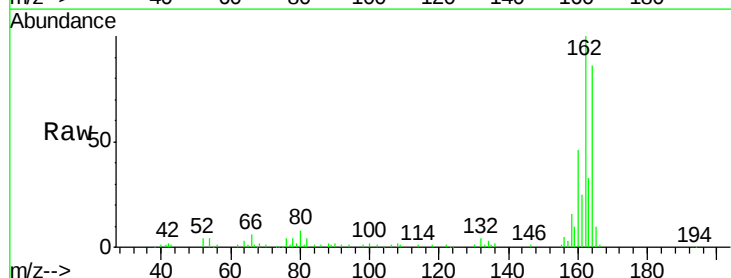
Instrument :
BNA_G
ClientSampled :
19505-7

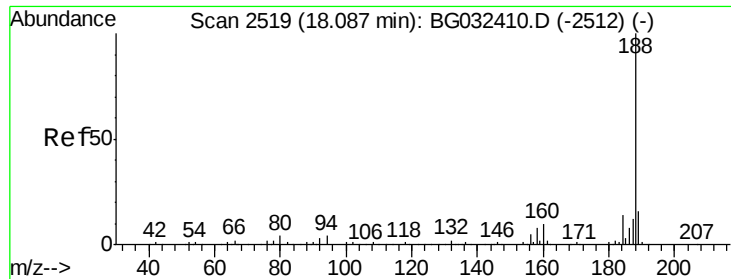
Tgt Ion:165 Resp: 7125
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 7.4 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.282 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032462.D
Acq: 31 Jan 2018 12:58

Tgt Ion:165 Resp: 7125
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 7.4 66.9 100.3#
182 0.0 2.6 3.8#

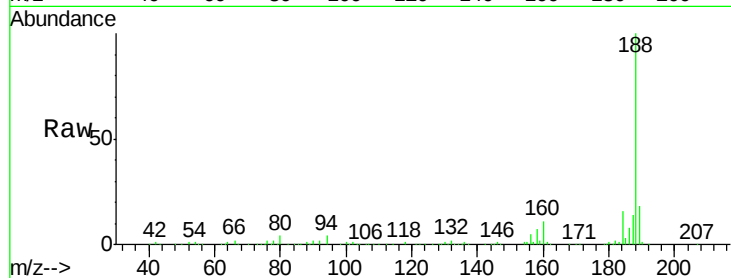




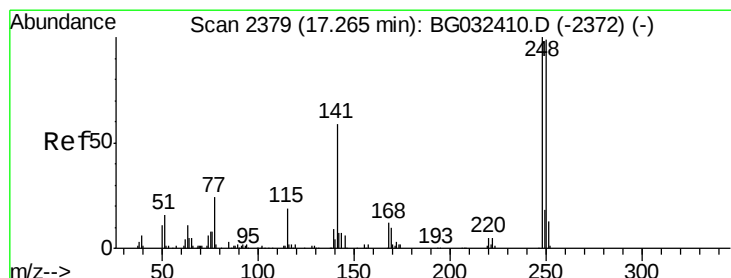
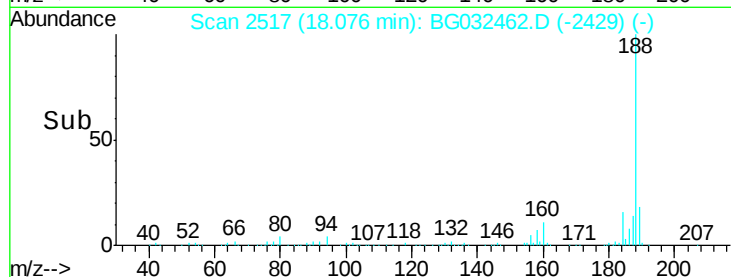
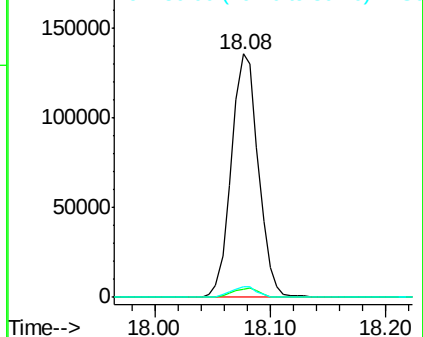
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Instrument :
 BNA_G
 ClientSampleId :
 19505-7

Tgt Ion:188 Resp: 220008
 Ion Ratio Lower Upper
 188 100
 94 3.6 6.9 10.3#
 80 4.2 7.7 11.5#

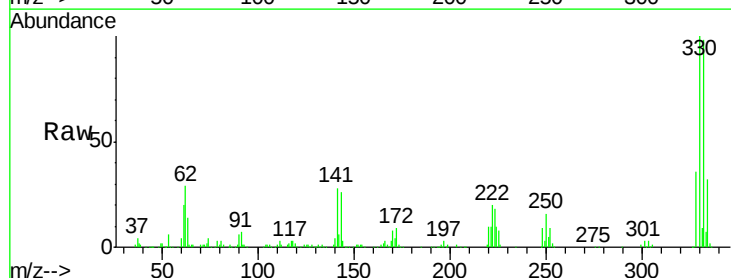


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

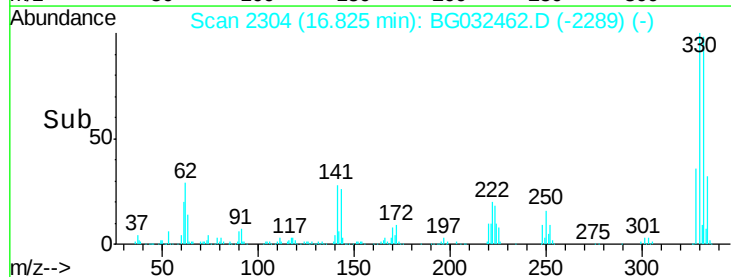
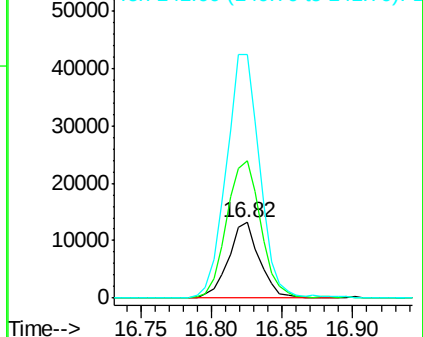


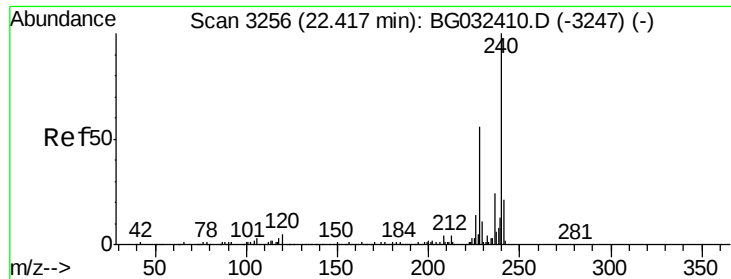
#66
 4-Bromophenyl-phenylether
 Concen: 6.205 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032462.D
 Acq: 31 Jan 2018 12:58

Tgt Ion:248 Resp: 20224
 Ion Ratio Lower Upper
 248 100
 250 180.8 77.1 115.7#
 141 320.8 50.8 76.2#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

19505-7

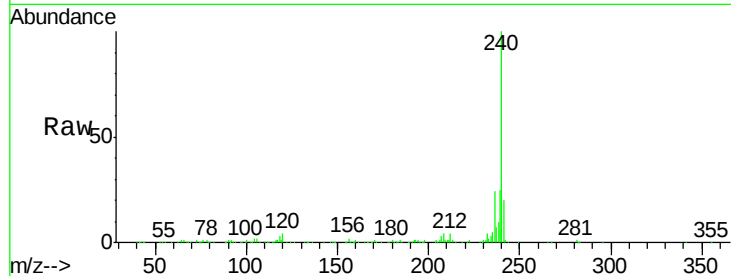
Tgt Ion:240 Resp: 239612

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

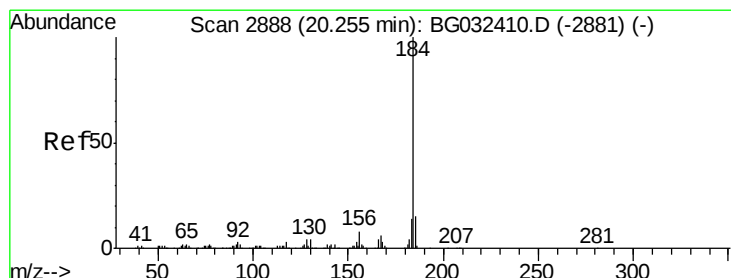
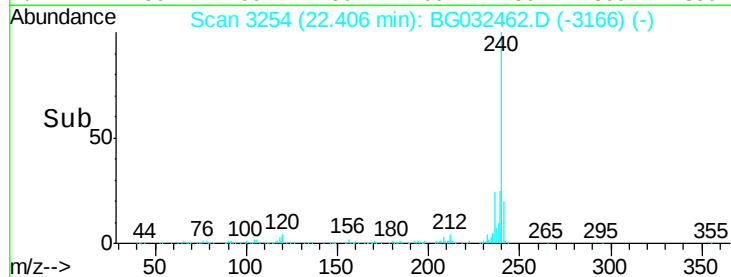
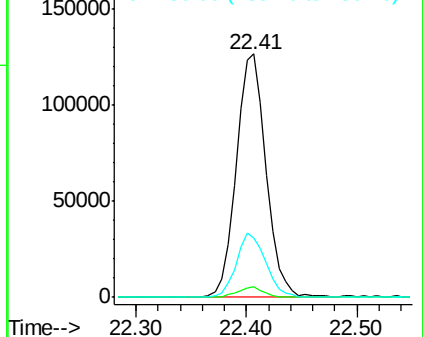
236 24.4 20.9 31.3



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



#76

Benzidine

Concen: 4.214 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.37 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

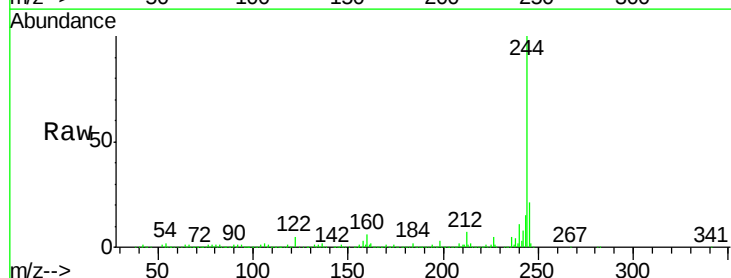
Tgt Ion:184 Resp: 19827

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

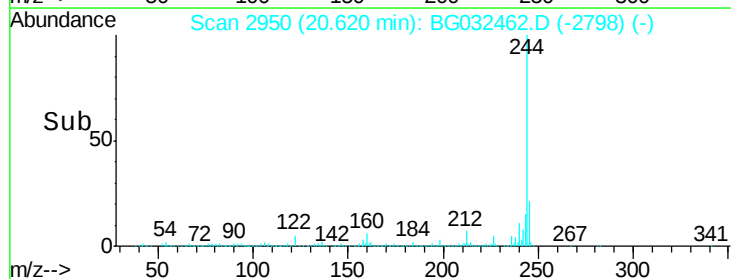
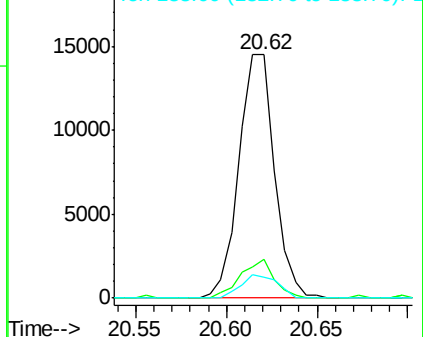
183 8.6 10.6 16.0#

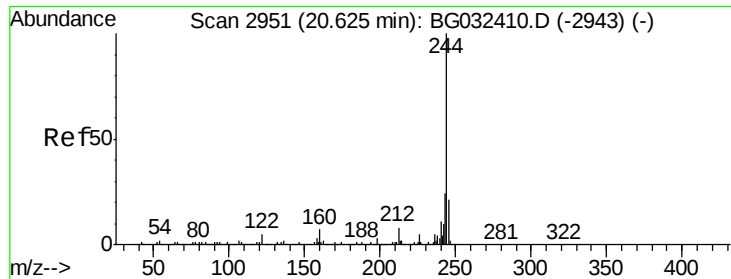


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 118.676 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

19505-7

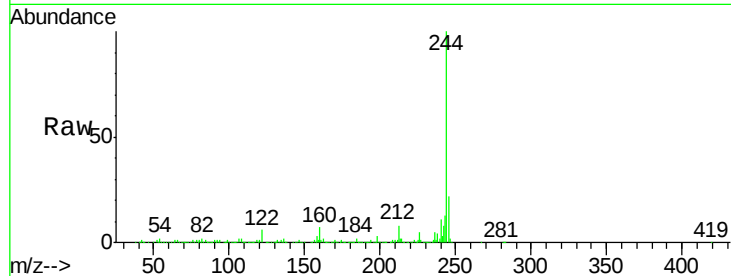
Tgt Ion:244 Resp: 1327506

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

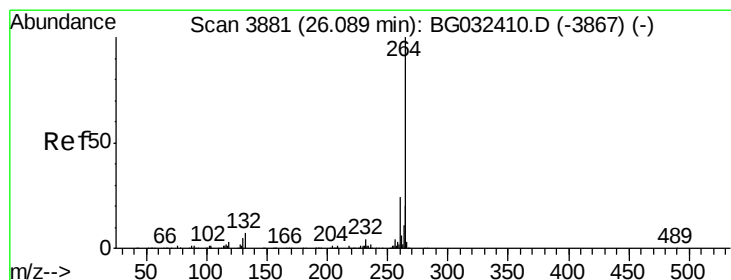
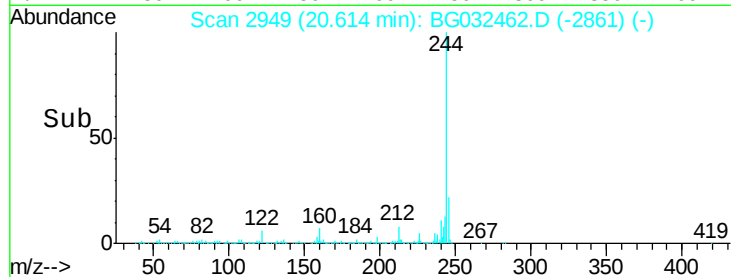
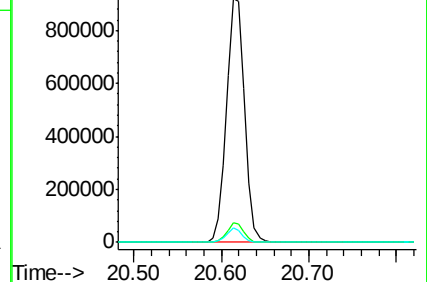
122 5.9 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032462.D

Acq: 31 Jan 2018 12:58

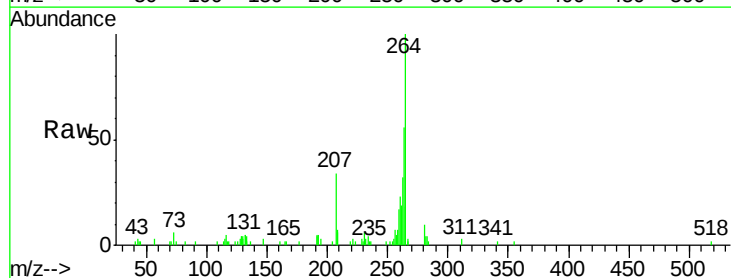
Tgt Ion:264 Resp: 33740

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 18.4 17.7 26.5



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

