

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033278.D
 Acq On : 20 Mar 2018 22:57
 Operator : SJ/JU
 Sample : J1760-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 03:27:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

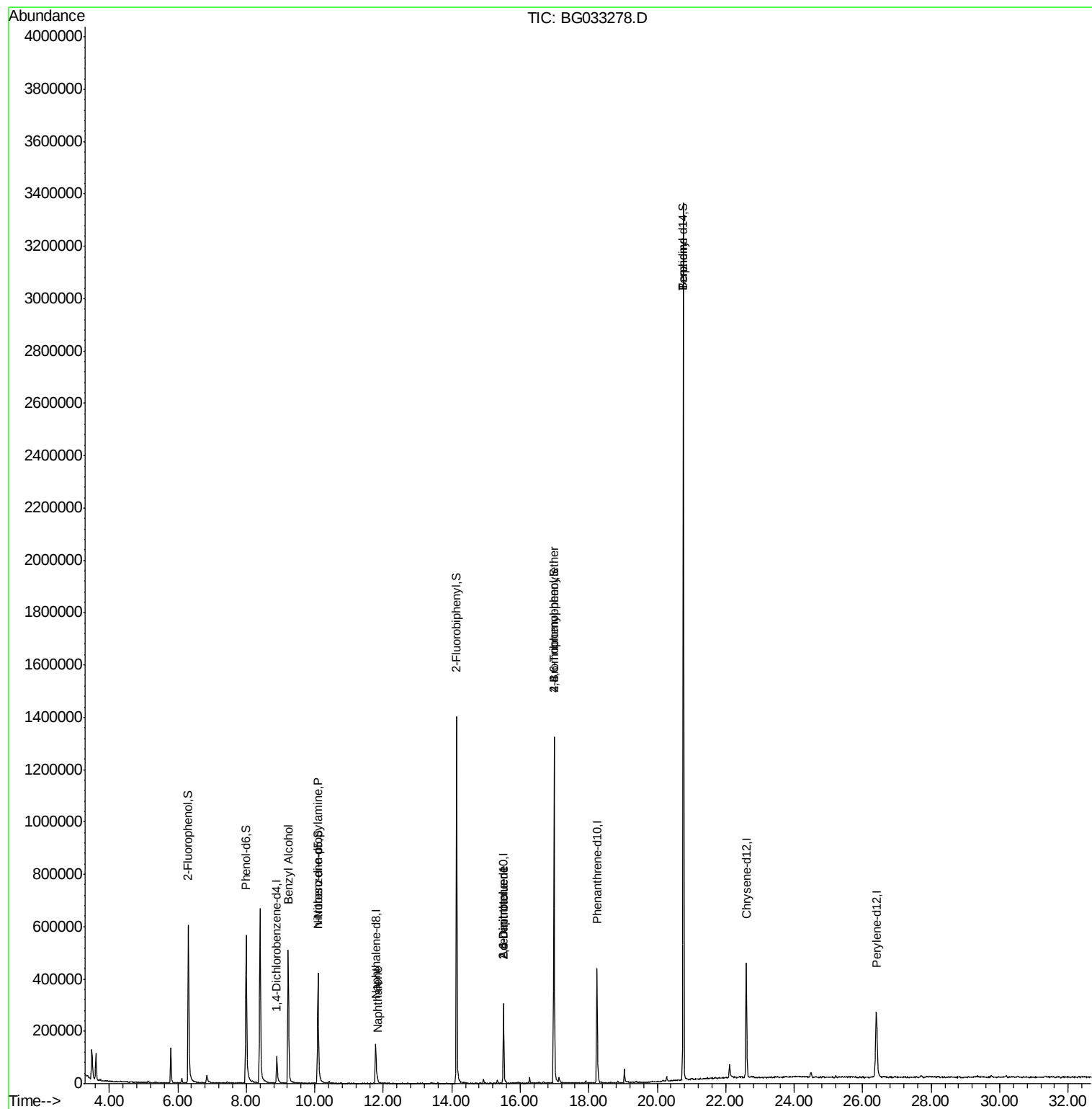
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	37203	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	152378	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	118841	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	319672	20.00	ng	0.00
75) Chrysene-d12	22.60	240	337108	20.00	ng	0.00
86) Perylene-d12	26.40	264	348529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	292932	147.64	ng	0.00
7) Phenol-d6	7.99	99	405418	118.93	ng	0.00
23) Nitrobenzene-d5	10.09	82	326058	98.31	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	274788	154.60	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	802965	97.54	ng	0.00
78) Terphenyl-d14	20.76	244	1593307	101.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5930	2.209	ng	# 53
19) n-Nitroso-di-n-propylamine	10.09	70	46865	18.761	ng	# 79
31) Naphthalene	11.84	128	16391	2.076	ng	# 97
50) 2,6-Dinitrotoluene	15.51	165	16321	7.718	ng	# 20
56) 2,4-Dinitrotoluene	15.51	165	16322	5.242	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	20278	5.401	ng	# 1
76) Benzydine	20.76	184	25921	2.835	ng	# 94

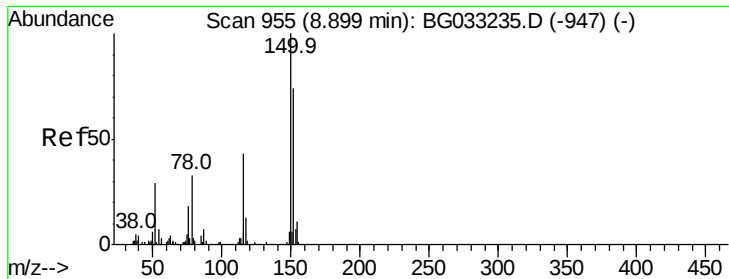
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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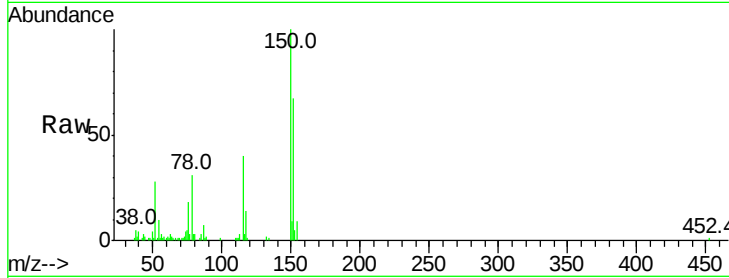


#1

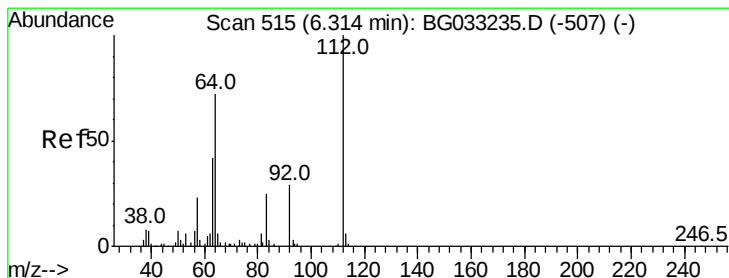
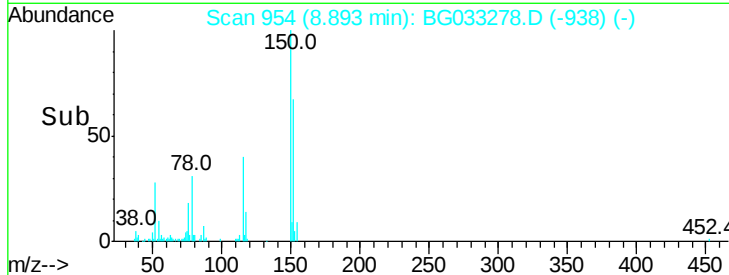
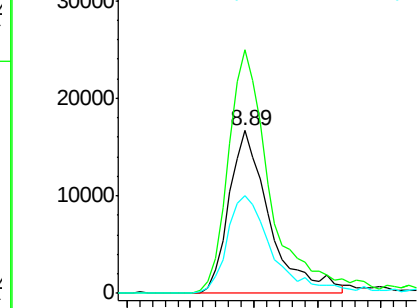
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37203
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 59.9 53.0 79.4



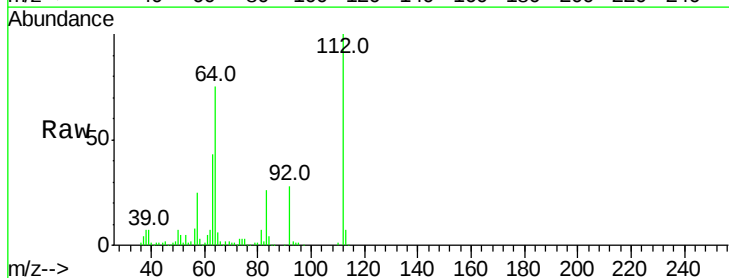
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



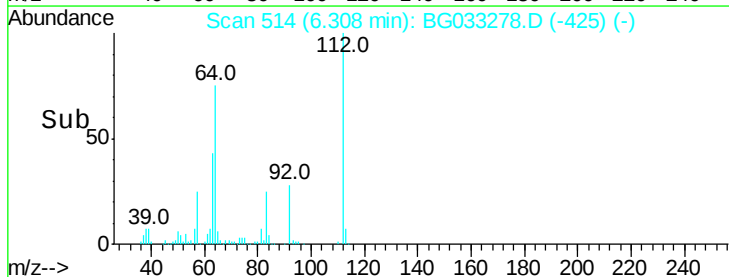
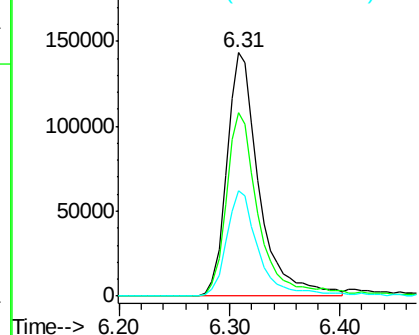
#5

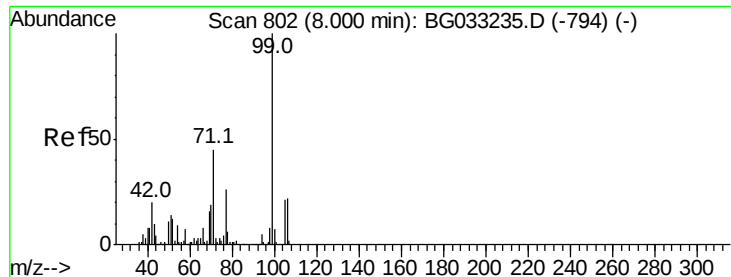
2-Fluorophenol
Concen: 147.645 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Tgt Ion:112 Resp: 292932
Ion Ratio Lower Upper
112 100
64 75.2 56.3 84.5
63 43.5 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: 118.927 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

Instrument :

BNA_F

ClientSampleId :

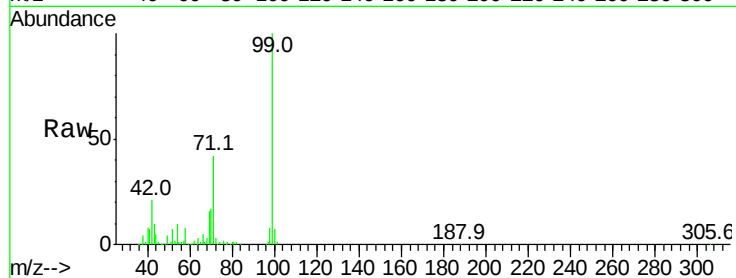
Tot Ion: 99 Resp: 405418

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

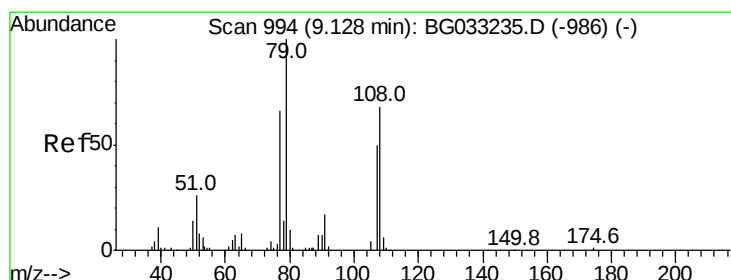
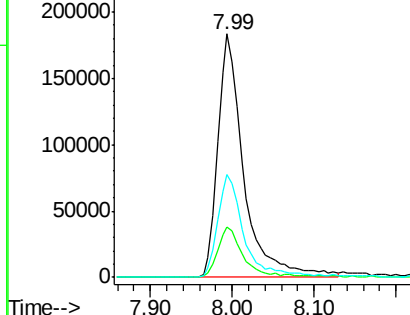
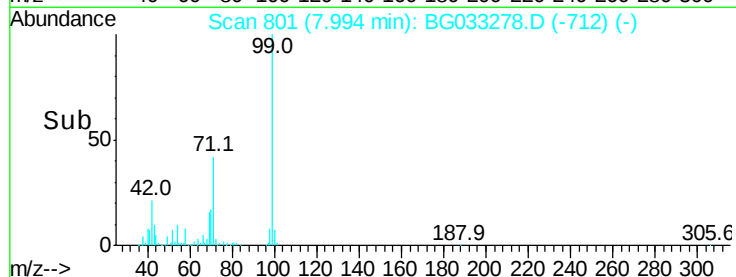
71 42.3 26.1 39.1#



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: 2.209 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.09 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

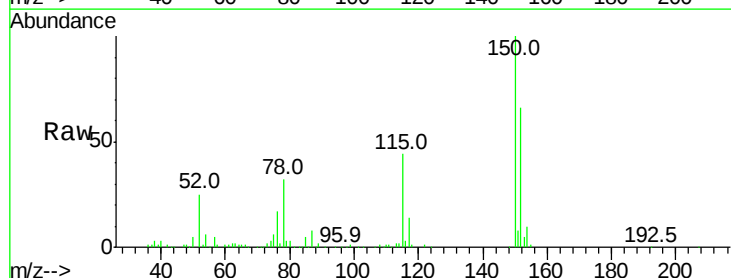
Tgt Ion: 79 Resp: 5930

Ion Ratio Lower Upper

79 100

108 19.9 57.2 85.8#

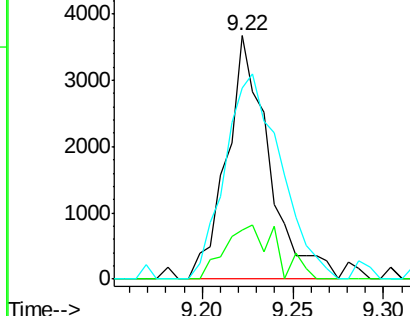
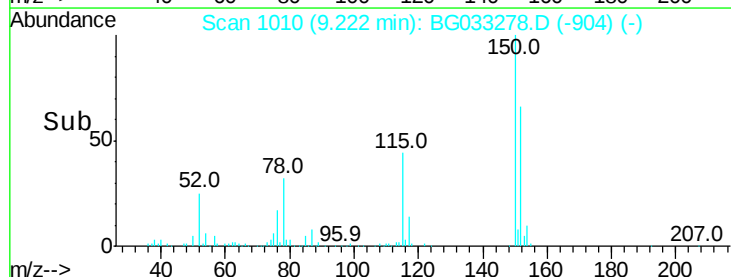
77 78.6 46.1 69.1#

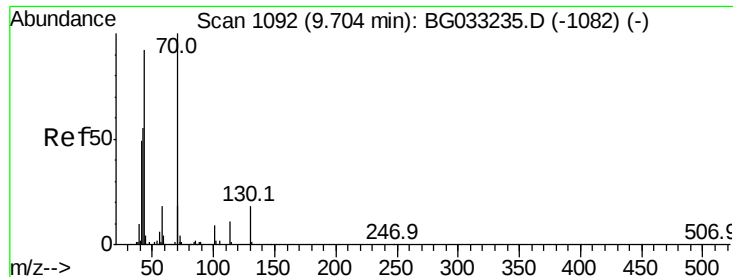


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

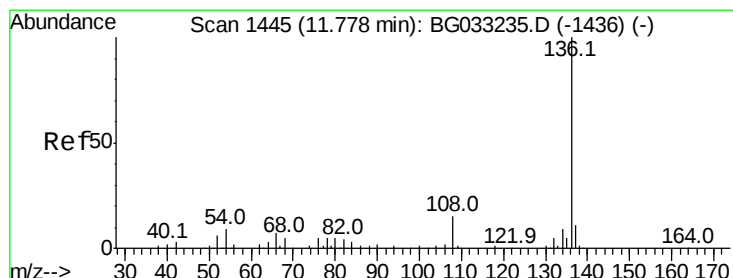
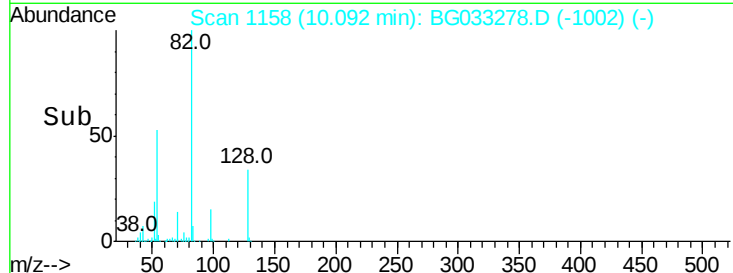
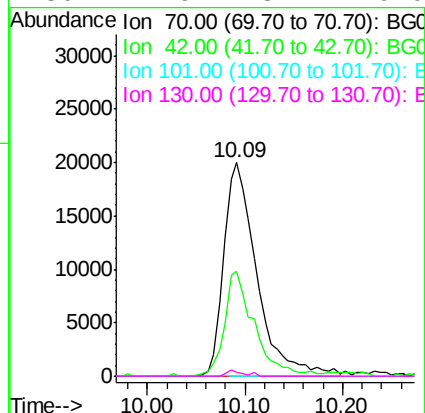
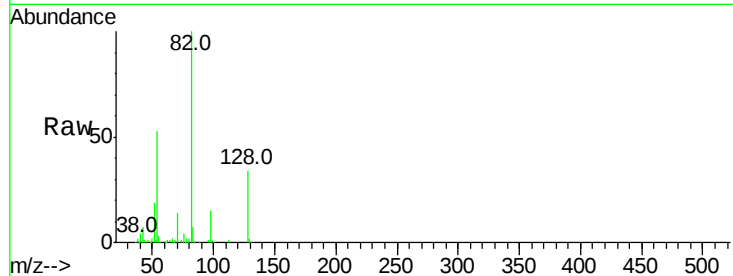




#19
n-Nitroso-di-n-propylamine
Concen: 18.761 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

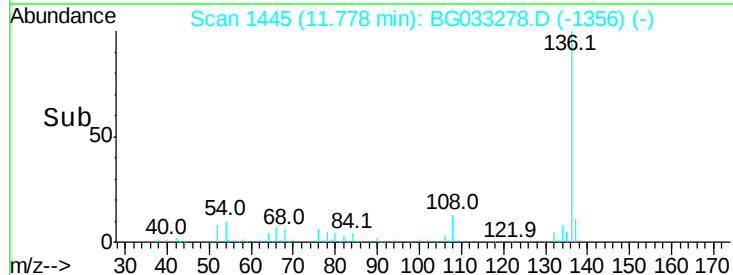
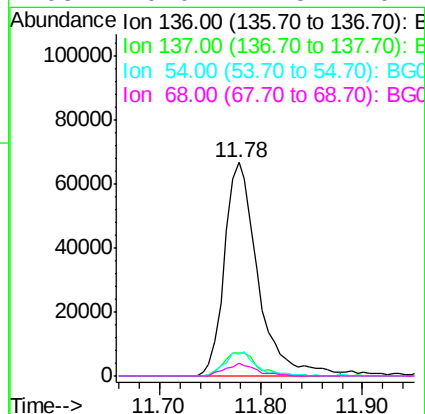
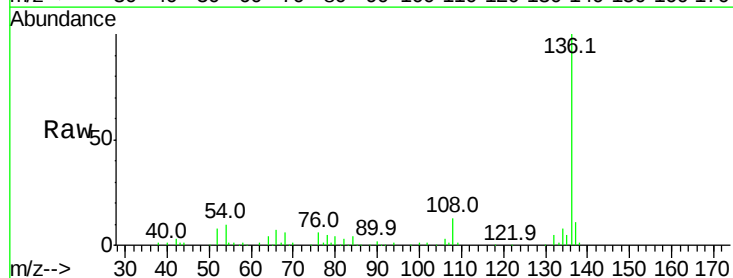
Instrument :
BNA_F
ClientSampleId :

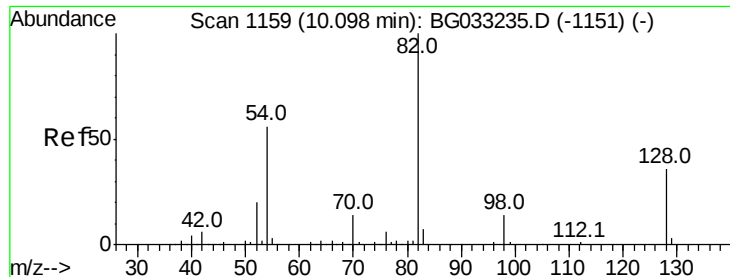
Tot Ion:	70	Resp:	46865
Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.1	73.7
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Tgt Ion:	136	Resp:	152378
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	10.7	10.3	15.5
68	6.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 98.311 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

Instrument :

BNA_F

ClientSampled :

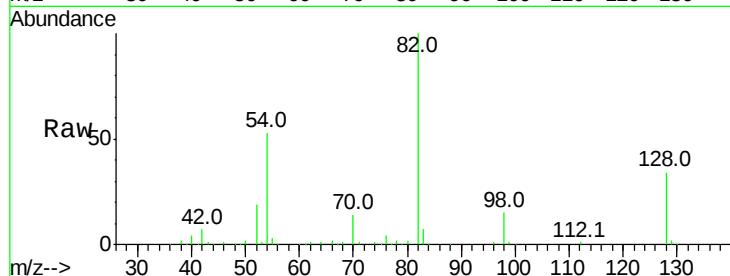
Tot Ion: 82 Resp: 326058

Ion Ratio Lower Upper

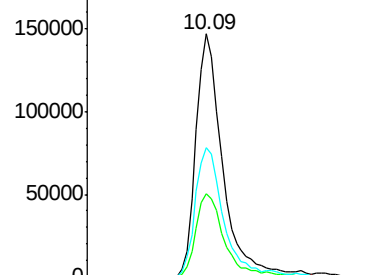
82 100

128 34.4 29.7 44.5

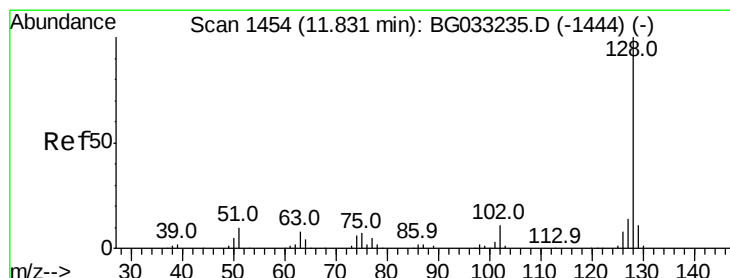
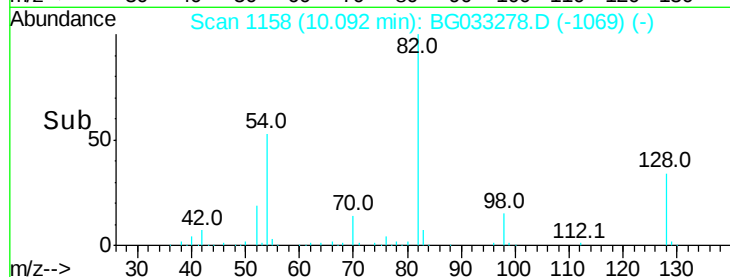
54 53.3 43.1 64.7



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



Time-->



#31

Naphthalene

Concen: 2.076 ng

RT: 11.84 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

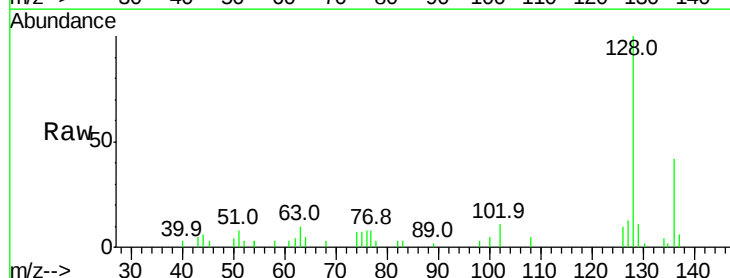
Tgt Ion: 128 Resp: 16391

Ion Ratio Lower Upper

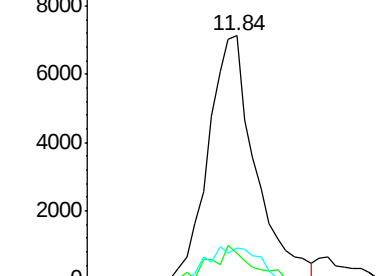
128 100

129 10.9 8.6 12.8

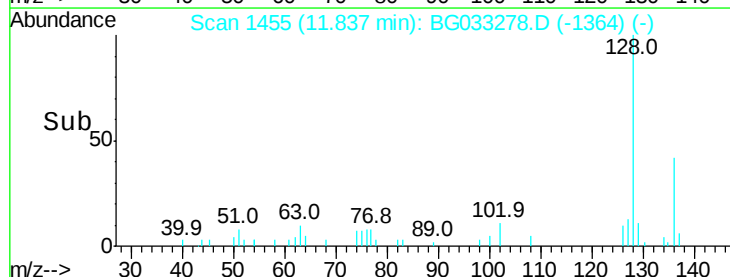
127 12.6 11.6 17.4

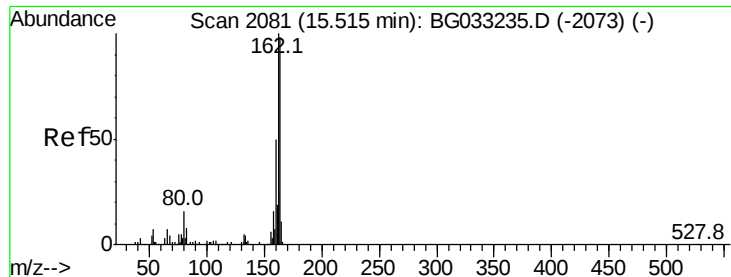


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC



Time-->

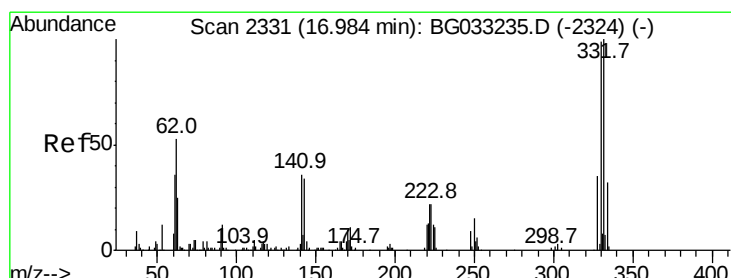
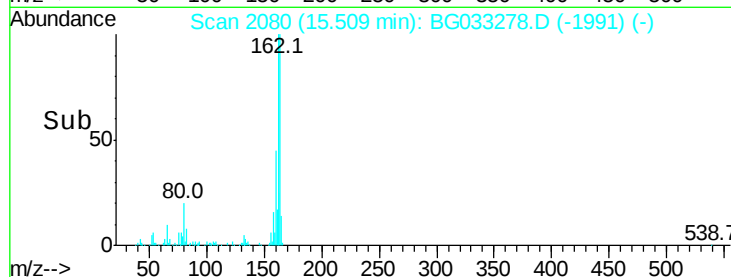
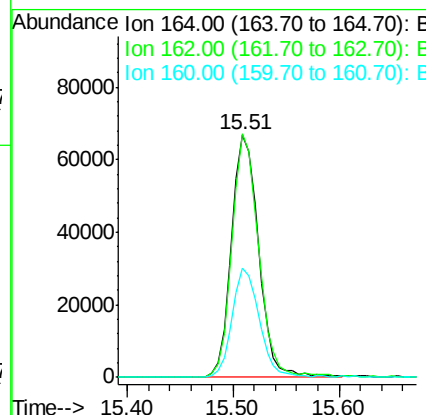
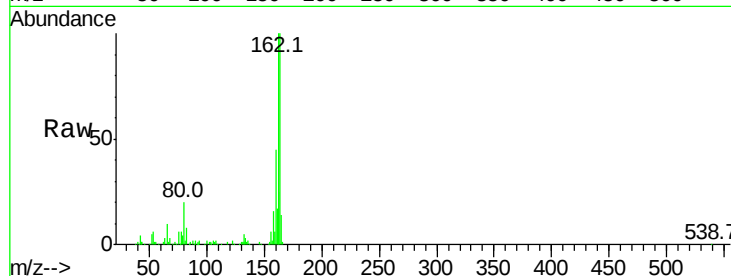




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

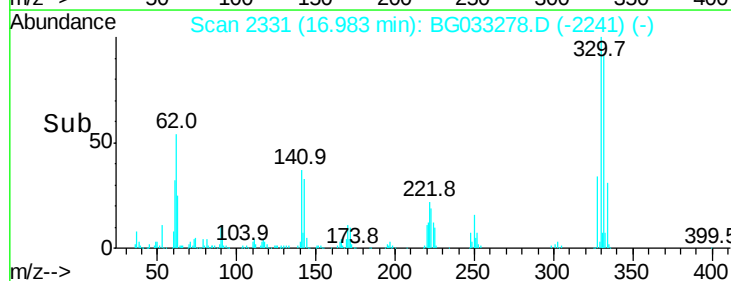
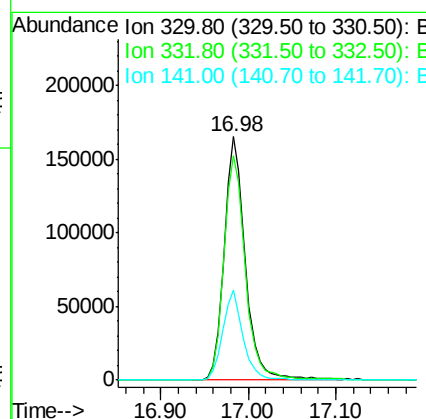
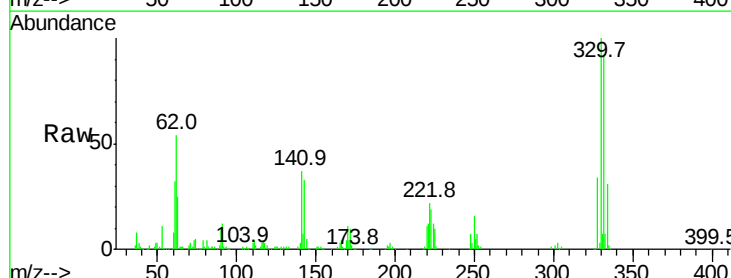
Instrument :
BNA_F
ClientSampleId :

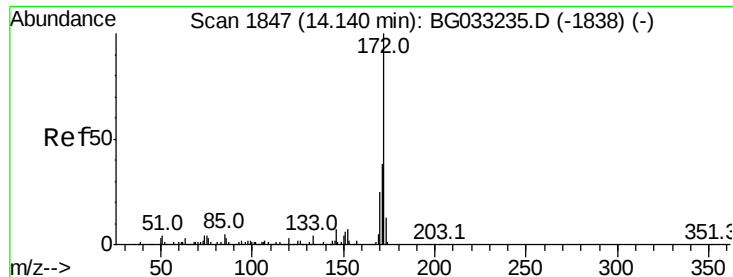
Tot Ion:164 Resp: 118841
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 45.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 154.601 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Tgt Ion:330 Resp: 274788
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 35.5 25.2 37.8

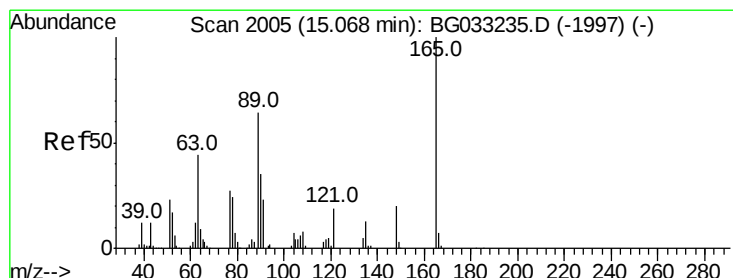
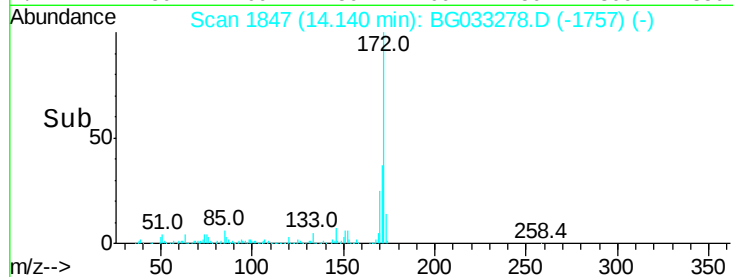
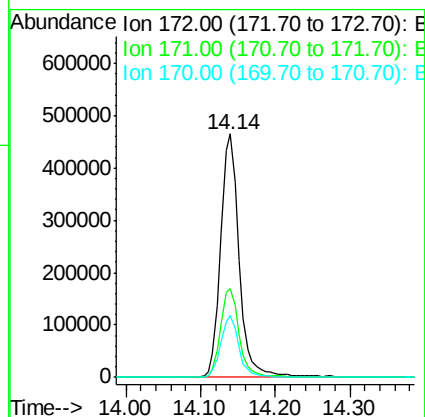
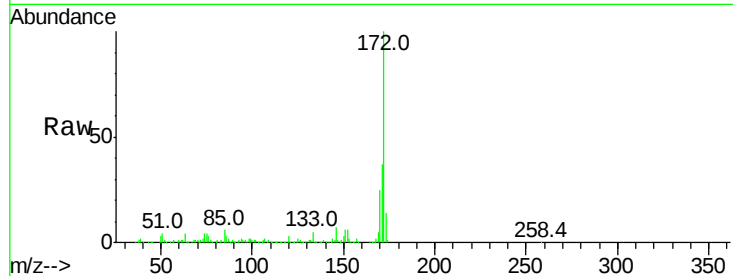




#44
 2-Fluorobiphenyl
 Concen: 97.541 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033278.D
 Acq: 20 Mar 2018 22:57

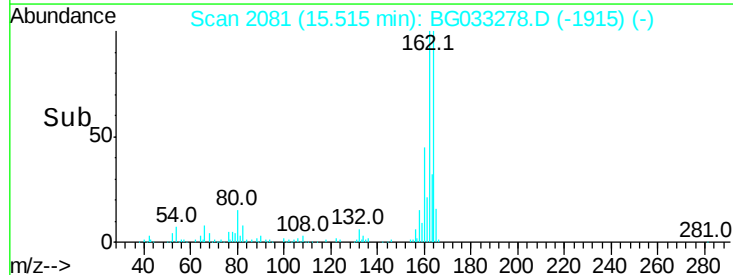
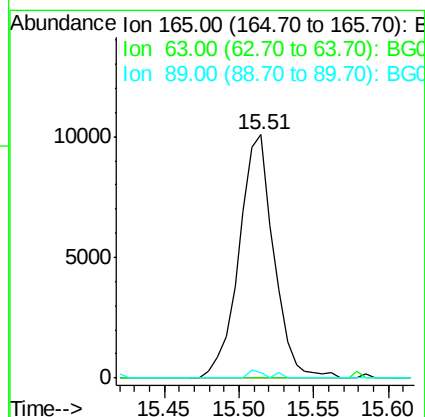
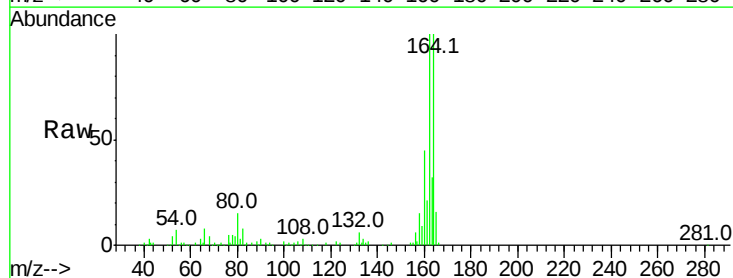
Instrument :
 BNA_F
 ClientSampleId :

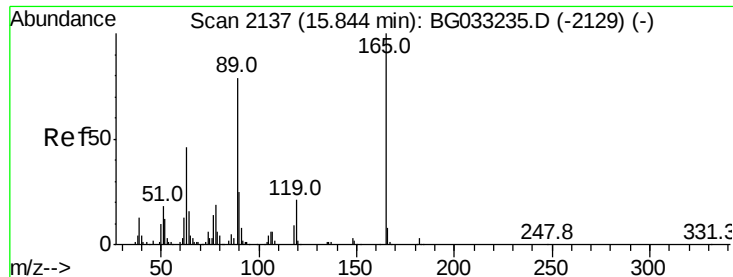
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.718 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. 0.45 min
 Lab File: BG033278.D
 Acq: 20 Mar 2018 22:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#

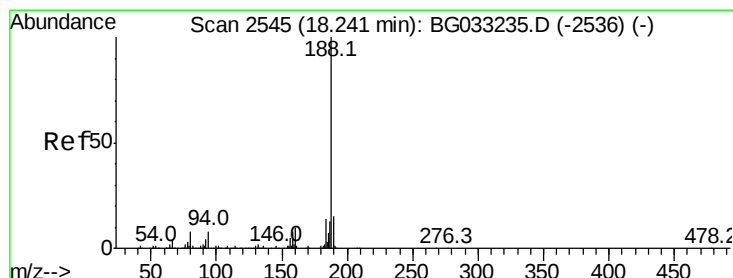
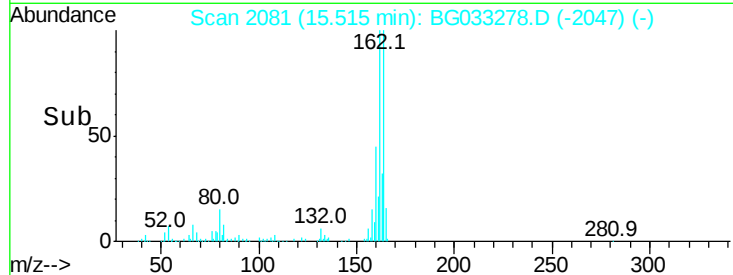
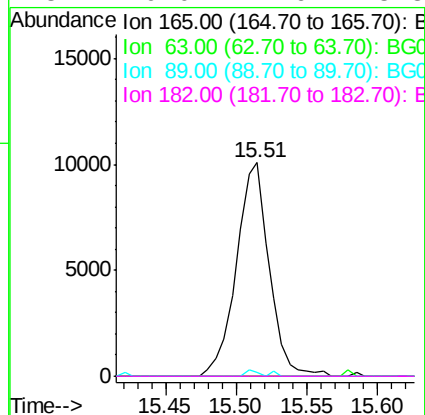
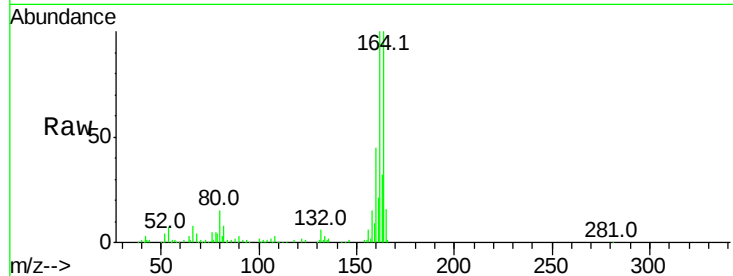




#56
2,4-Dinitrotoluene
Concen: 5.242 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.33 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

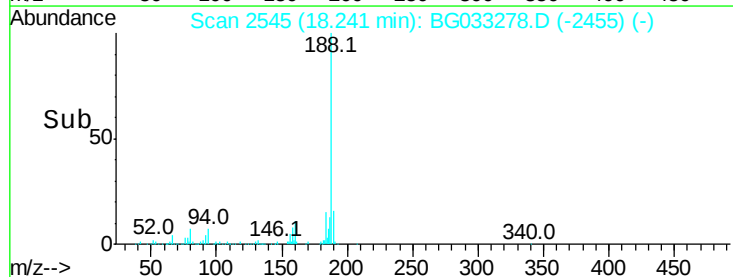
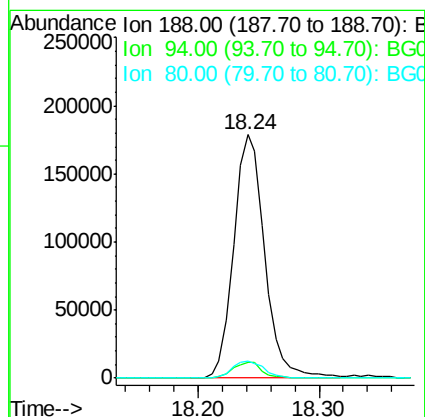
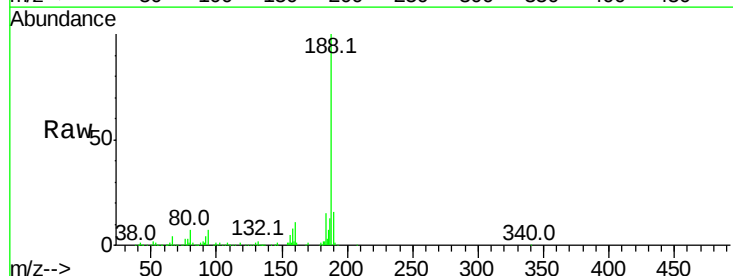
Instrument :
BNA_F
ClientSampleId :

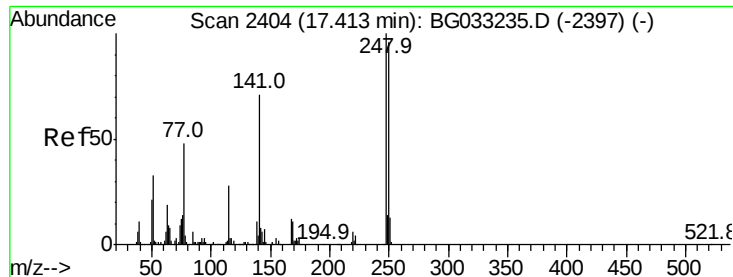
Tot Ion:165 Resp: 16322
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Tgt Ion:188 Resp: 319672
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 7.7 11.5#

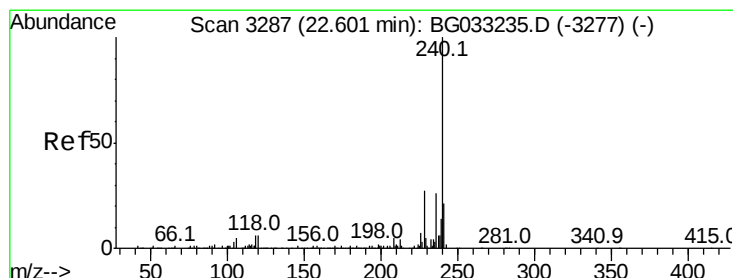
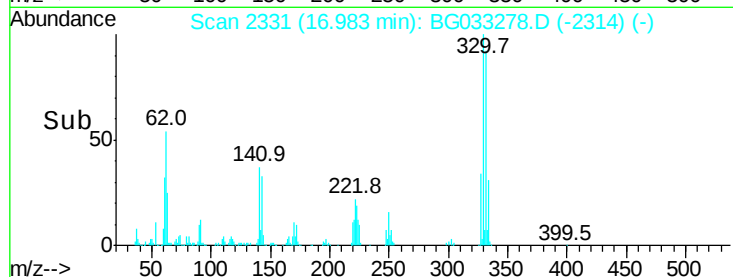
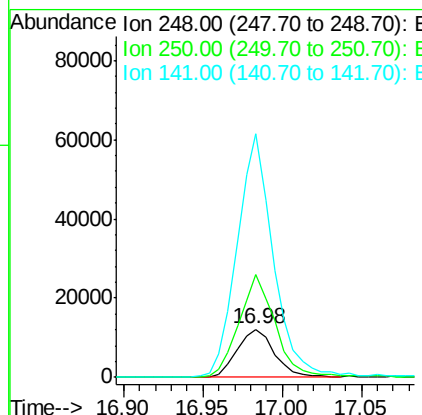
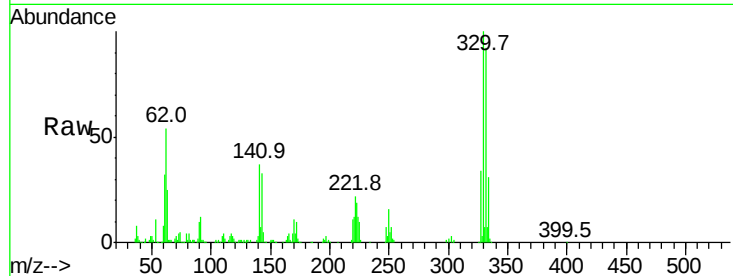




#66
4-Bromophenyl-phenylether
Concen: 5.401 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

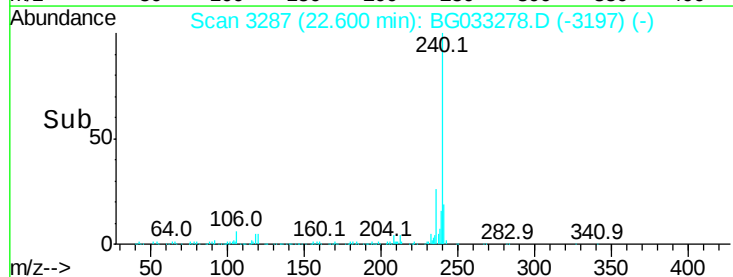
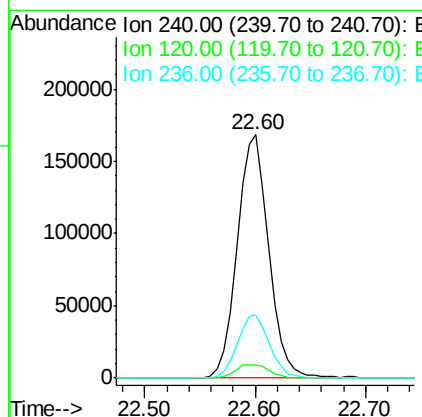
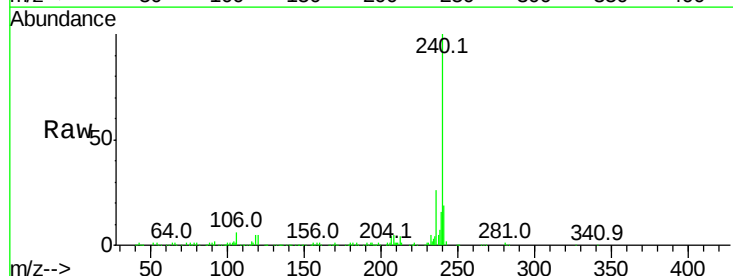
Instrument :
BNA_F
ClientSampleId :

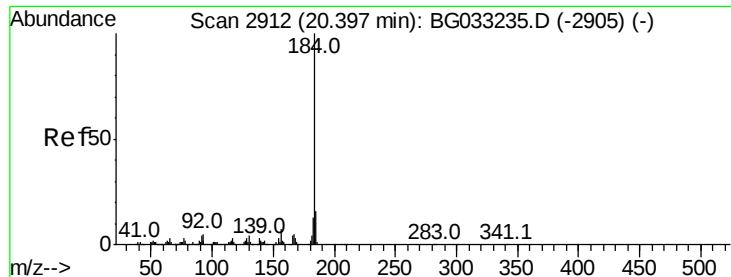
Tot Ion:248 Resp: 20278
Ion Ratio Lower Upper
248 100
250 212.1 77.1 115.7#
141 505.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Tgt Ion:240 Resp: 337108
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 25.9 20.9 31.3





#76

Benzidine

Concen: 2.835 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

Instrument :

BNA_F

ClientSampleId :

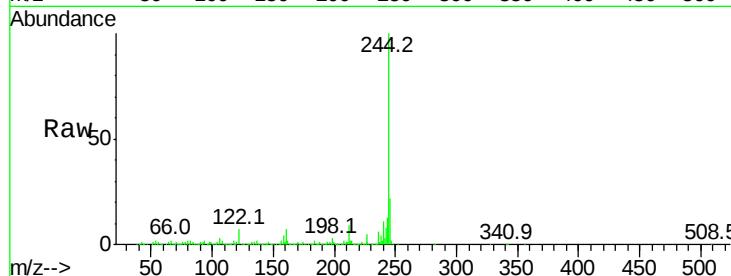
Tot Ion:184 Resp: 25921

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

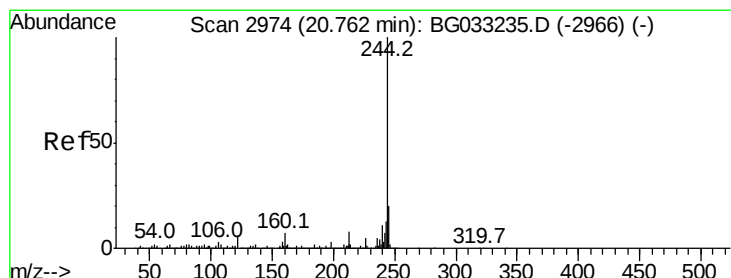
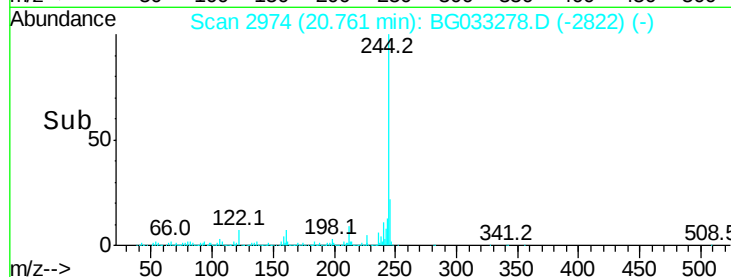
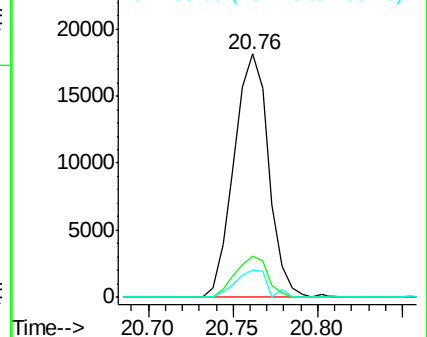
183 11.1 10.6 16.0



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: 101.079 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033278.D

Acq: 20 Mar 2018 22:57

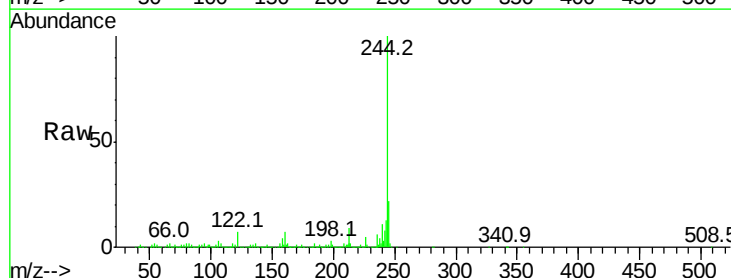
Tgt Ion:244 Resp: 1593307

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

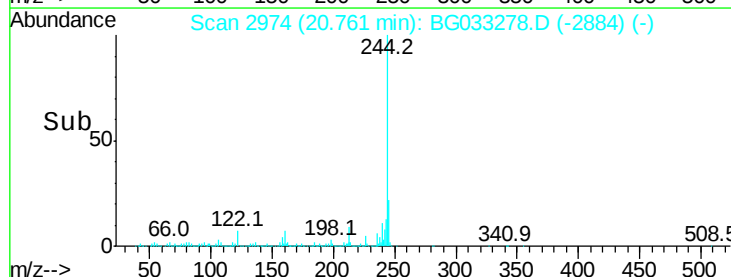
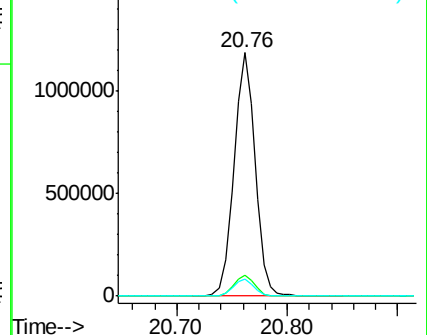
122 7.0 7.0 10.4

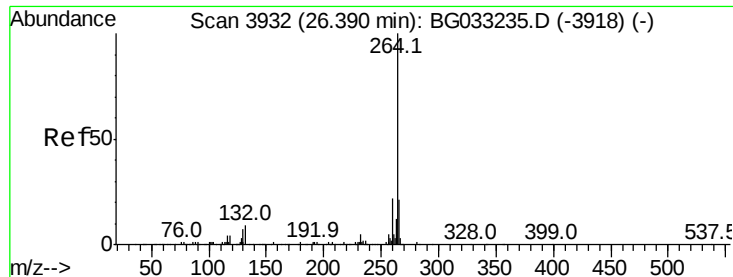


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

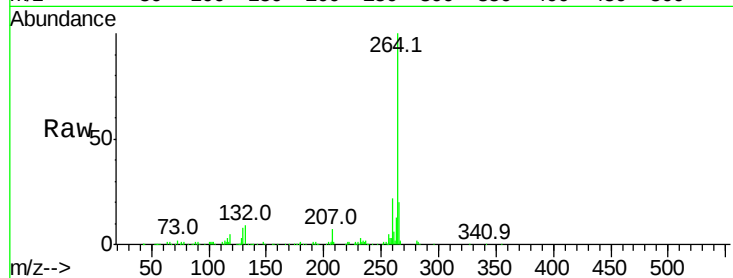




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BG033278.D
Acq: 20 Mar 2018 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.2	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

