

Data Path : U:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033470.D
 Acq On : 31 Mar 2018 6:14
 Operator : SJ/JU
 Sample : J2142-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 02 01:41:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

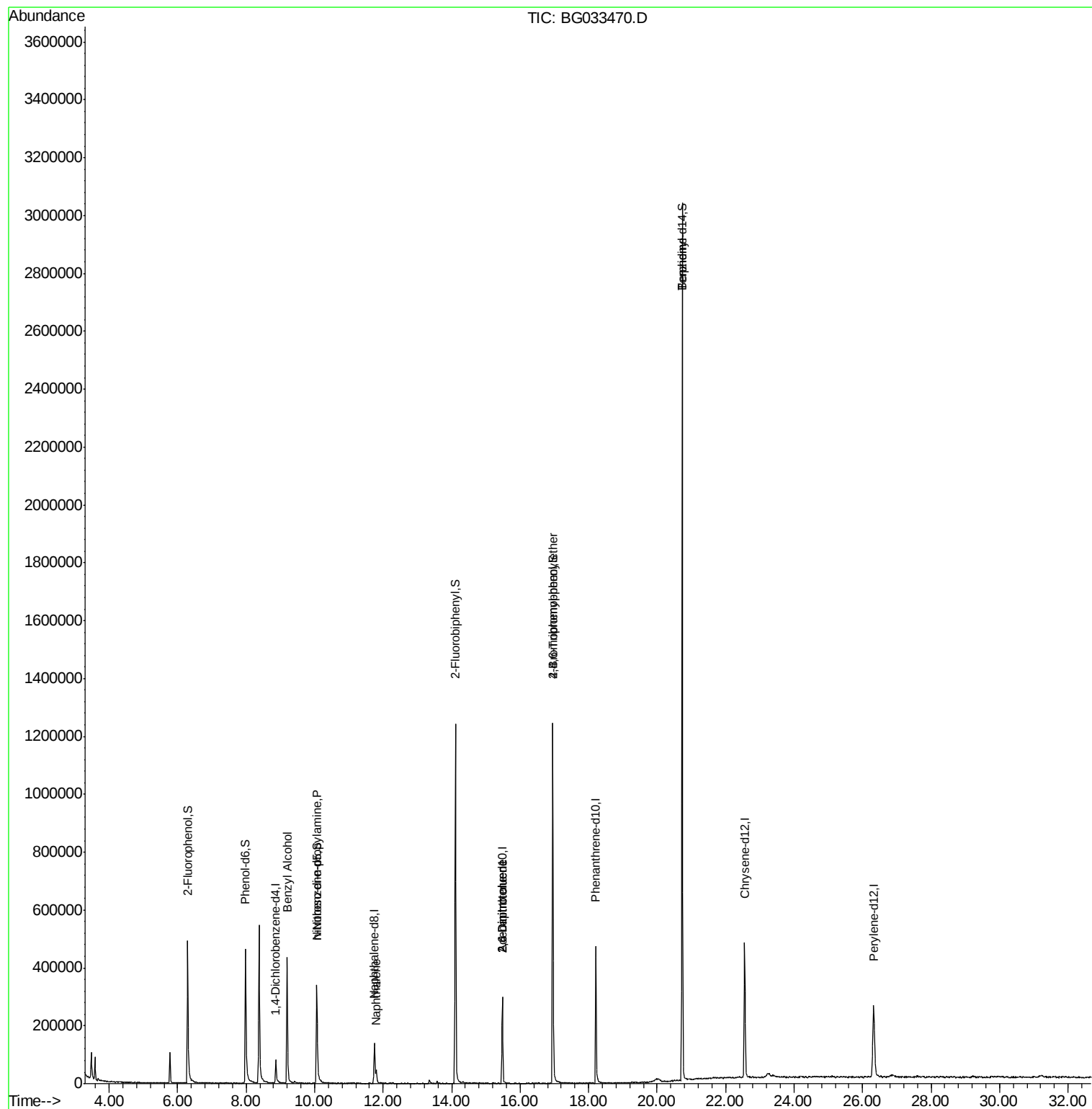
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31105	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	139667	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	112870	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334830	20.00	ng	0.00
75) Chrysene-d12	22.56	240	351550	20.00	ng	0.00
86) Perylene-d12	26.32	264	375487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	245761	148.15	ng	0.00
7) Phenol-d6	7.98	99	335388	117.67	ng	0.00
23) Nitrobenzene-d5	10.07	82	262840	86.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	251810	149.17	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	703626	90.00	ng	0.00
78) Terphenyl-d14	20.73	244	1522138	92.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5026	2.240	ng	# 56
19) n-Nitroso-di-n-propylamine	10.07	70	36841	17.640	ng	# 72
31) Naphthalene	11.80	128	38597	5.333	ng	# 97
50) 2,6-Dinitrotoluene	15.48	165	13548	6.745	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	13548	4.581	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	19883	5.056	ng	# 1
76) Benizidine	20.73	184	25501	2.675	ng	# 94

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

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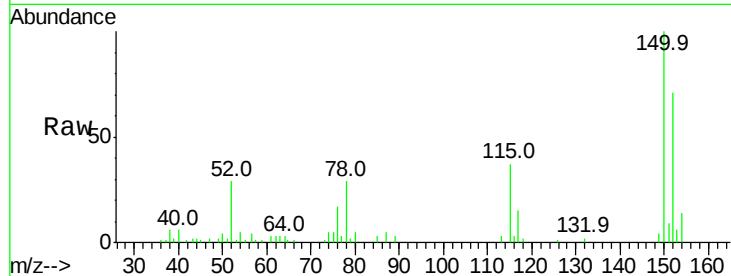


#1

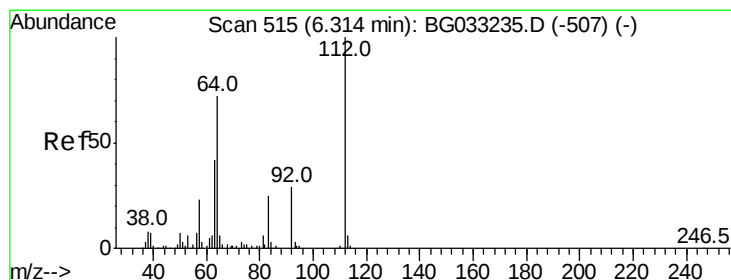
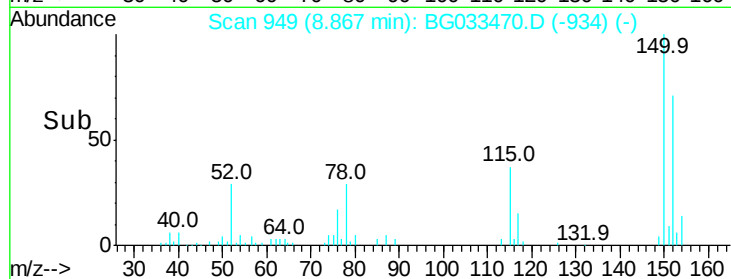
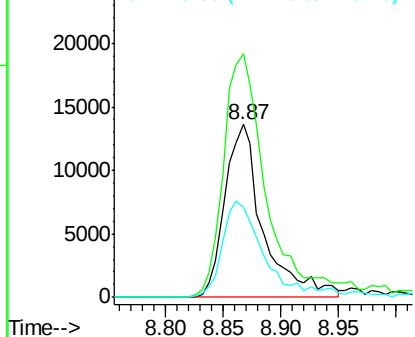
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31105
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 52.1 53.0 79.4#



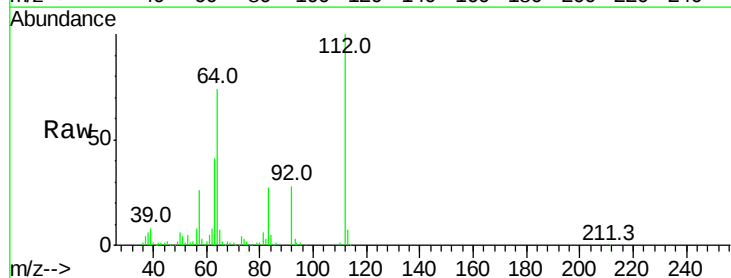
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



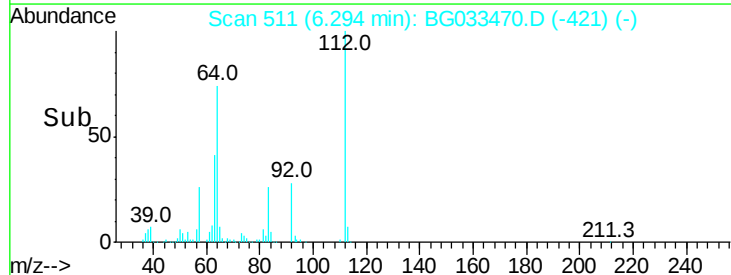
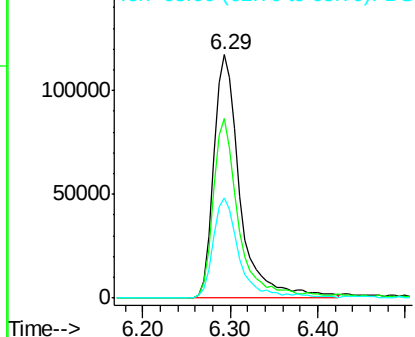
#5

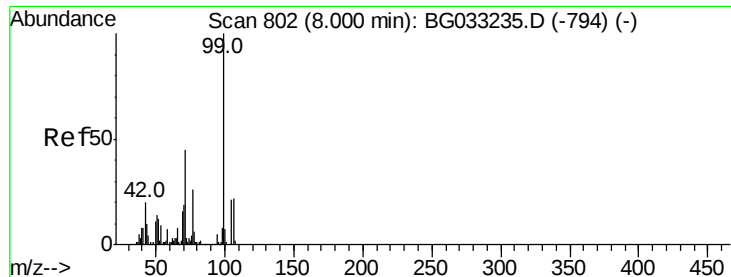
2-Fluorophenol
Concen: 148.153 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Tgt Ion:112 Resp: 245761
Ion Ratio Lower Upper
112 100
64 73.6 56.3 84.5
63 41.1 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: 117.672 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

Instrument :

BNA_G

ClientSampleId :

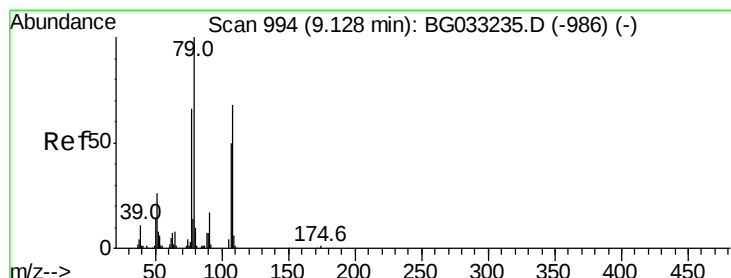
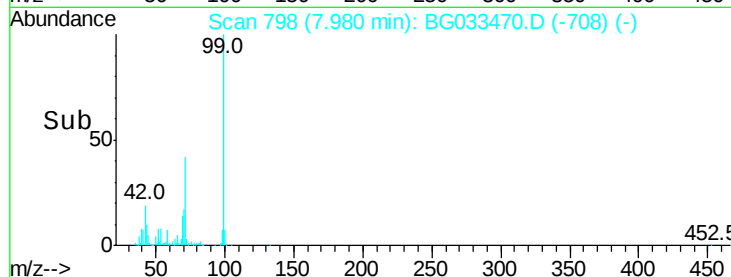
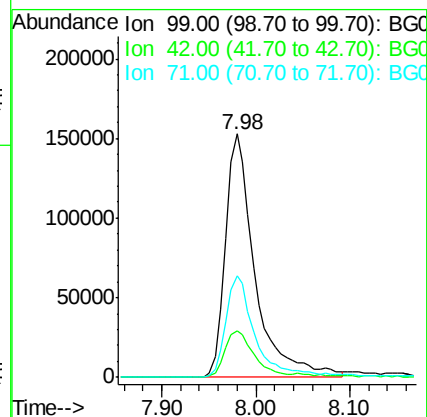
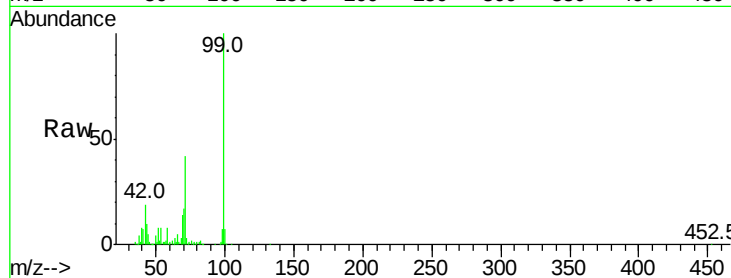
Tot Ion: 99 Resp: 335388

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

71 41.6 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.240 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

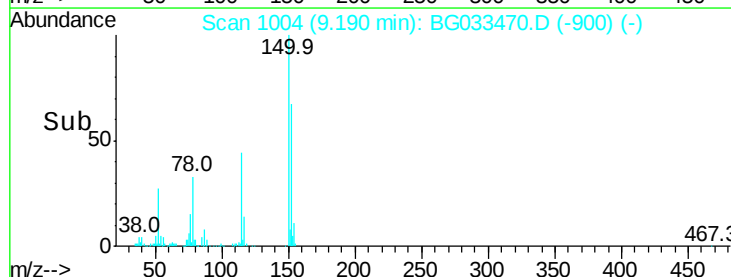
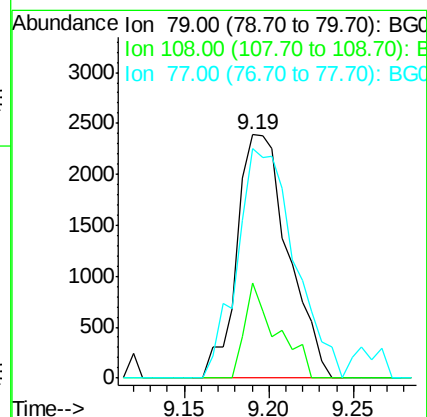
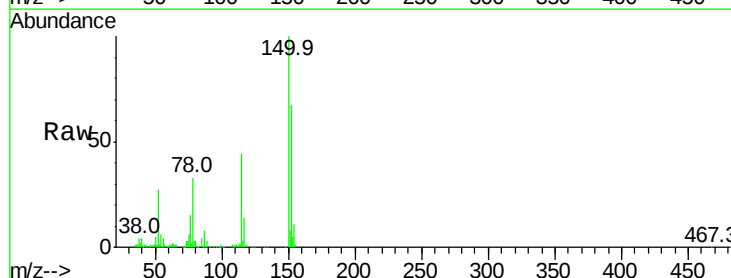
Tgt Ion: 79 Resp: 5026

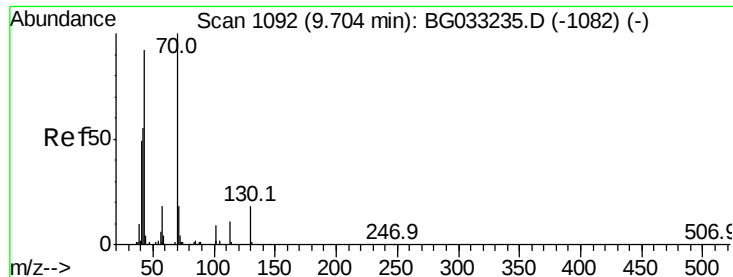
Ion Ratio Lower Upper

79 100

108 38.9 57.2 85.8#

77 94.3 46.1 69.1#

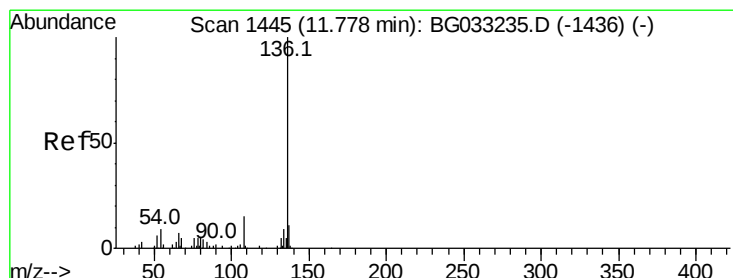
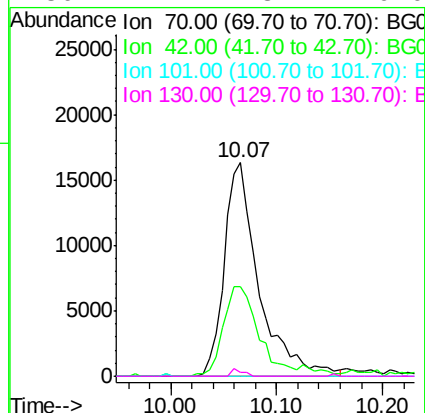
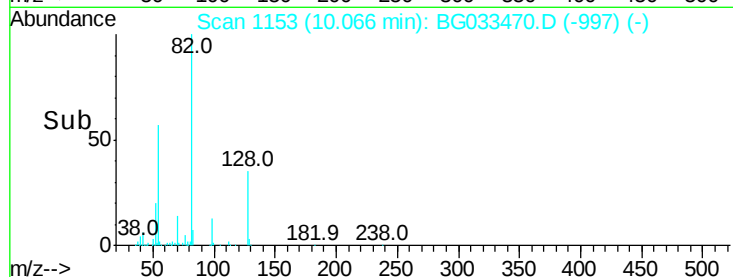
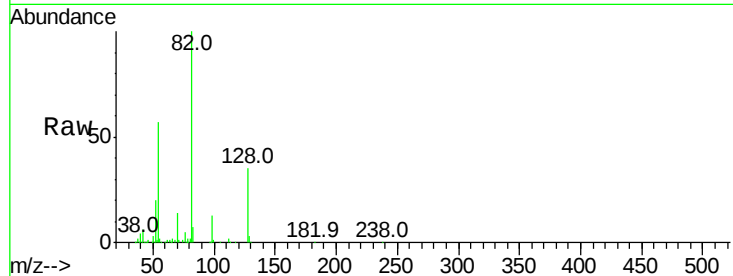




#19
n-Nitroso-di-n-propylamine
Concen: 17.640 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

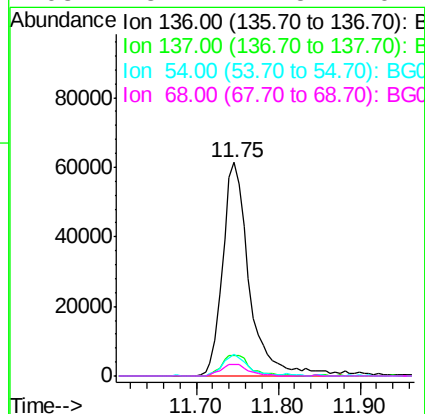
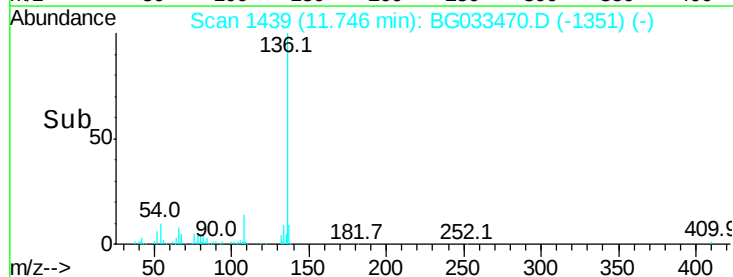
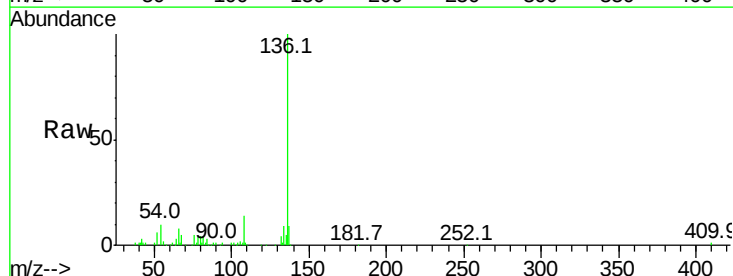
Instrument :
BNA_G
ClientSampled :

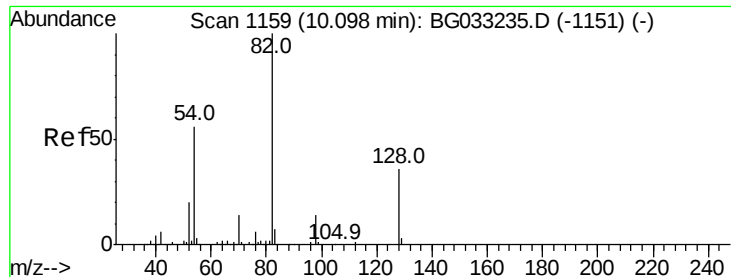
Tot Ion: 70 Resp: 36841
Ion Ratio Lower Upper
70 100
42 41.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Tgt Ion: 136 Resp: 139667
Ion Ratio Lower Upper
136 100
137 9.4 9.2 13.8
54 10.0 10.3 15.5#
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 86.462 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

Instrument :

BNA_G

ClientSampleId :

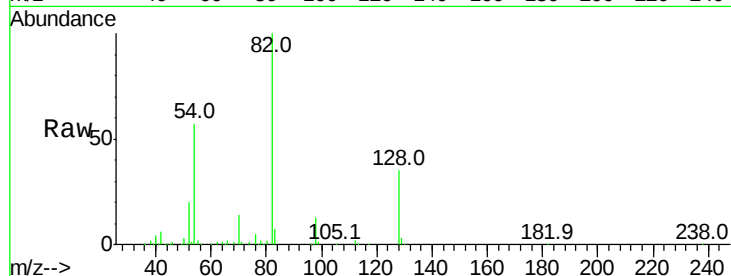
Tot Ion: 82 Resp: 262840

Ion Ratio Lower Upper

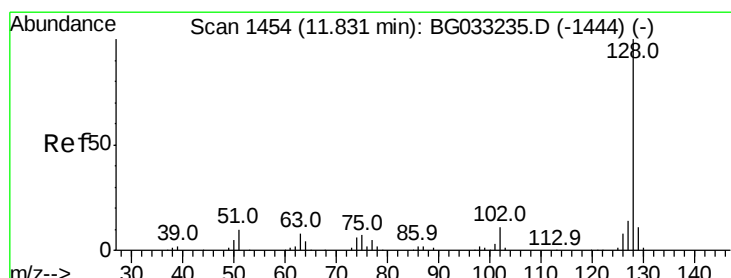
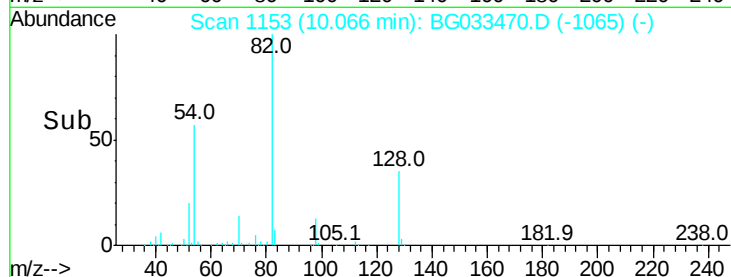
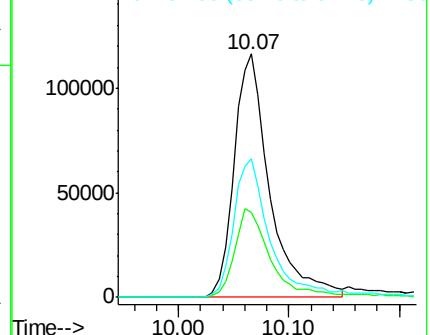
82 100

128 34.8 29.7 44.5

54 57.1 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



#31

Naphthalene

Concen: 5.333 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

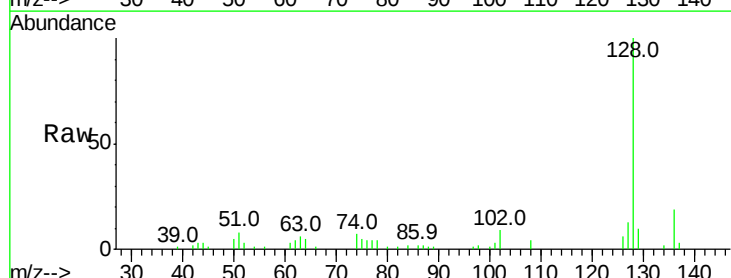
Tgt Ion: 128 Resp: 38597

Ion Ratio Lower Upper

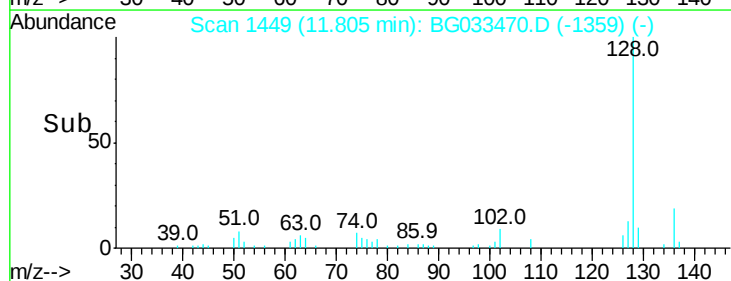
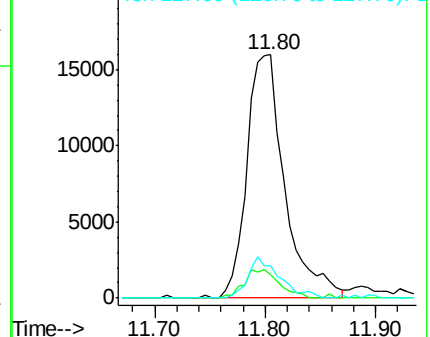
128 100

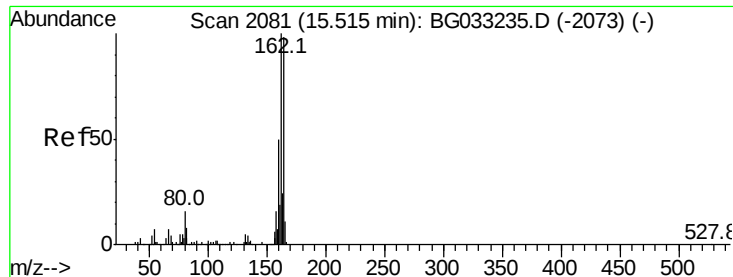
129 9.7 8.6 12.8

127 13.2 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

Instrument :

BNA_G

ClientSampleId :

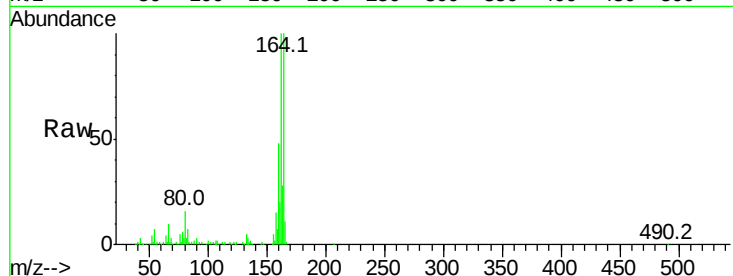
Tot Ion:164 Resp: 112870

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

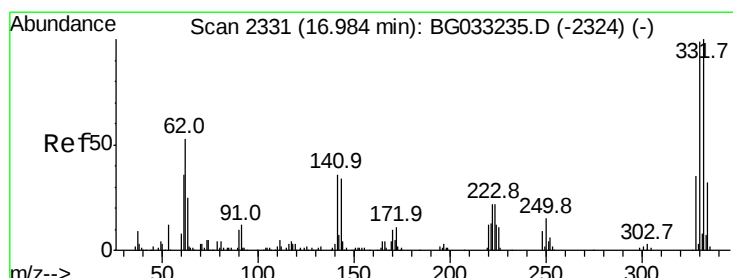
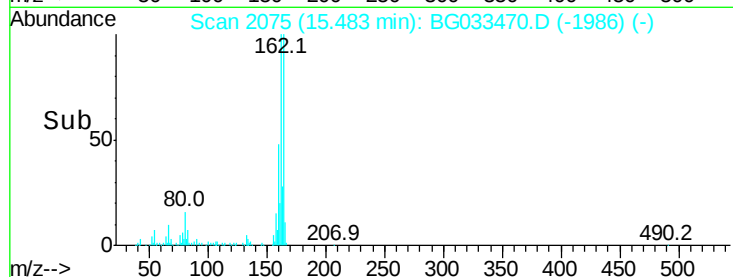
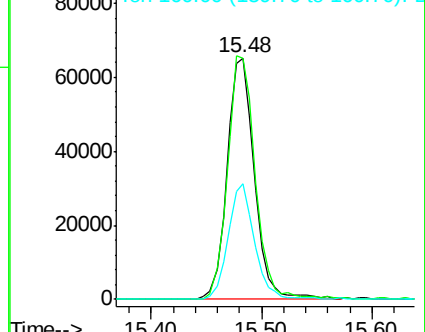
160 47.6 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 149.168 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033470.D

Acq: 31 Mar 2018 6:14

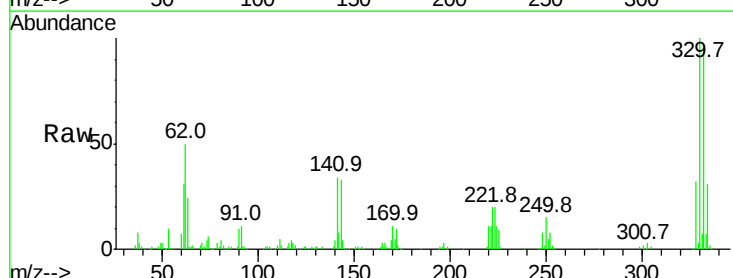
Tgt Ion:330 Resp: 251810

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

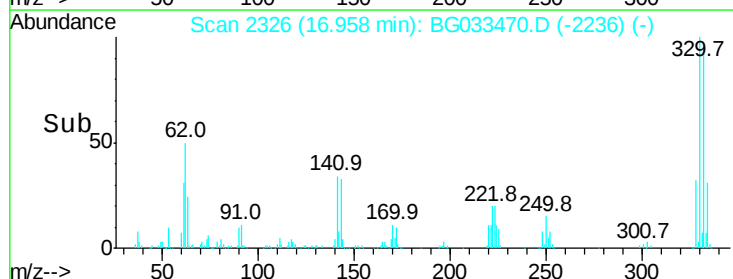
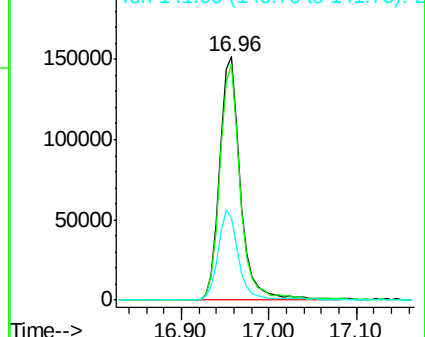
141 36.5 25.2 37.8

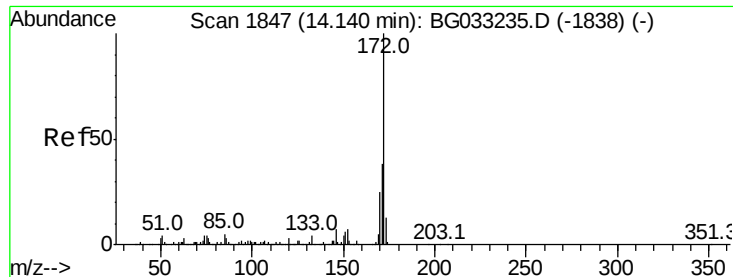


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

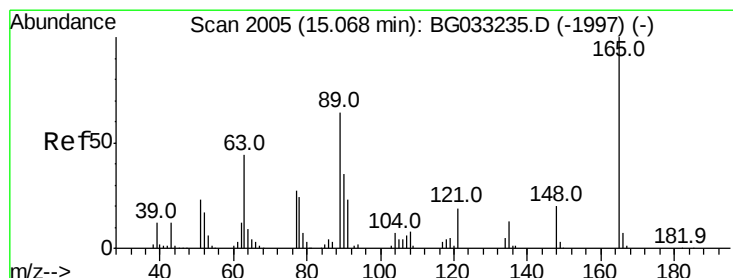
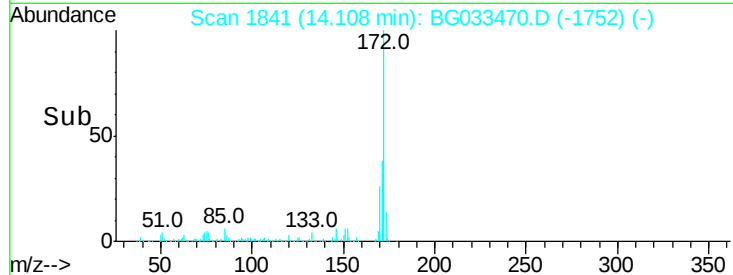
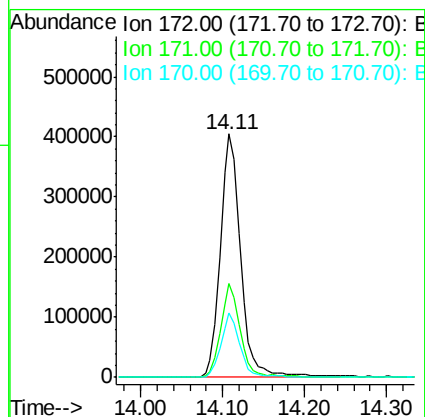
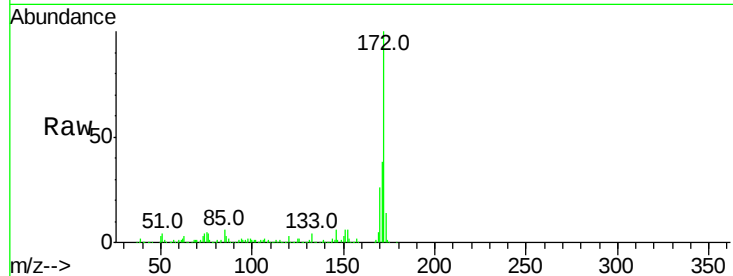




#44
 2-Fluorobiphenyl
 Concen: 89.995 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033470.D
 Acq: 31 Mar 2018 6:14

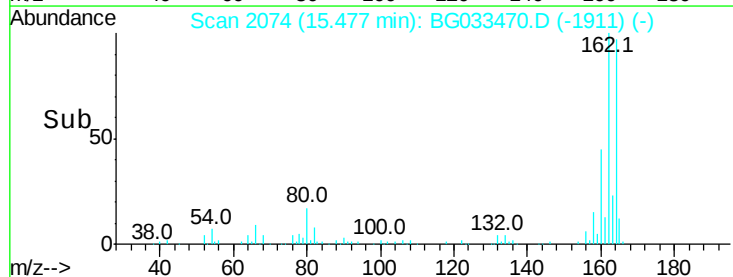
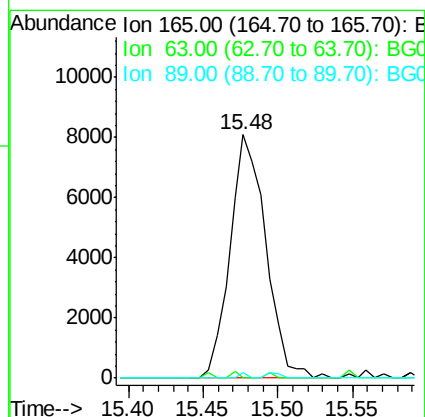
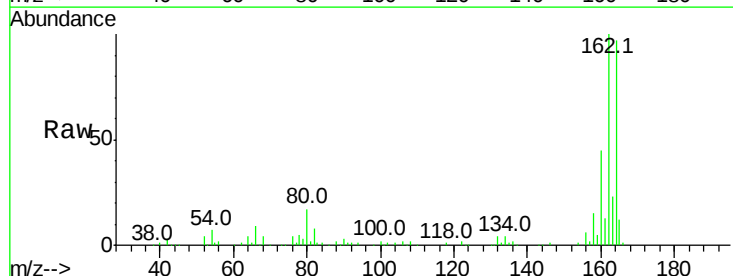
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 703626
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 26.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.745 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033470.D
 Acq: 31 Mar 2018 6:14

Tgt Ion:165 Resp: 13548
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.1 49.2 73.8#

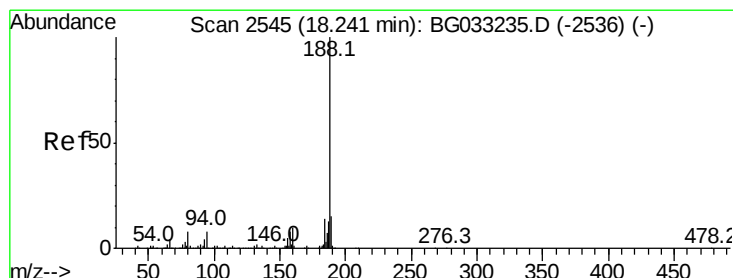
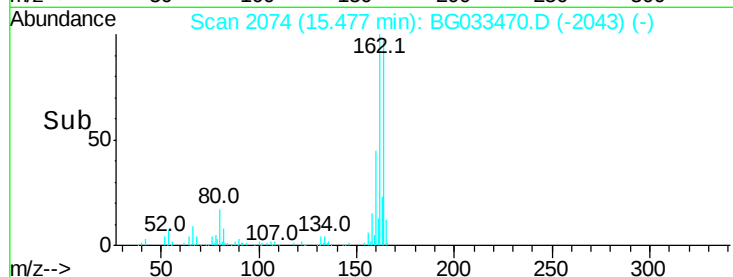
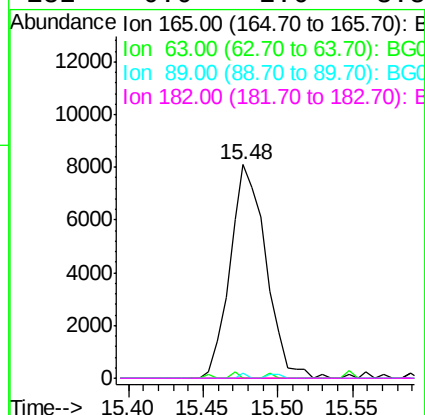
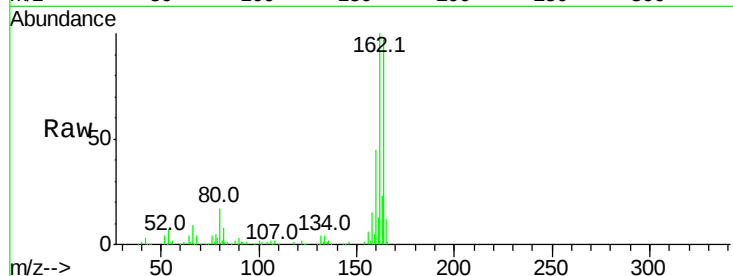




#56
2,4-Dinitrotoluene
Concen: 4.581 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.35 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

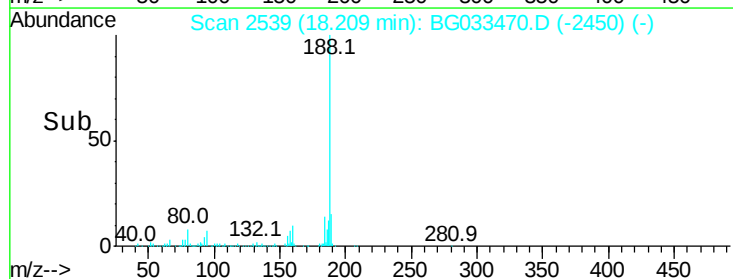
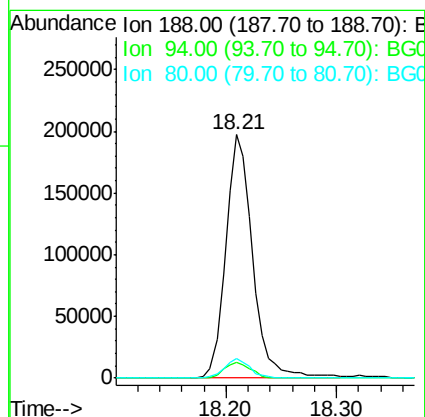
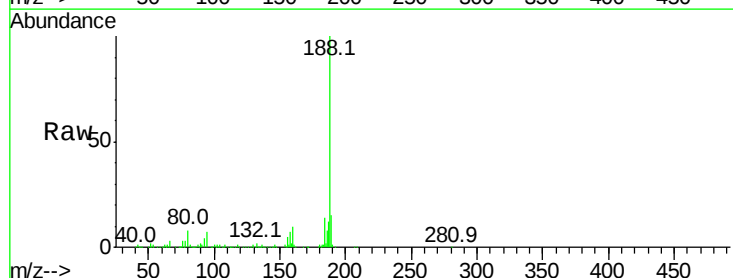
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13548
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.1 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Tgt Ion:188 Resp: 334830
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.9 7.7 11.5

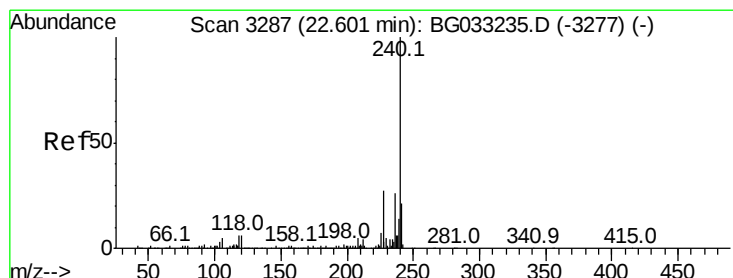
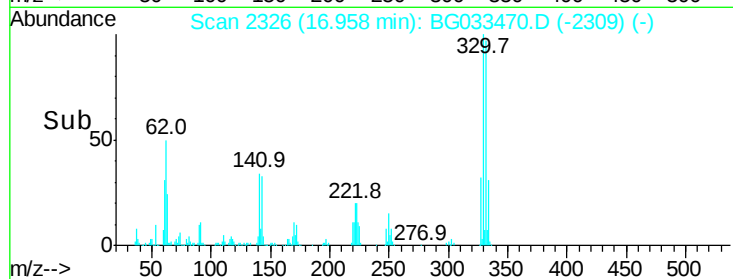
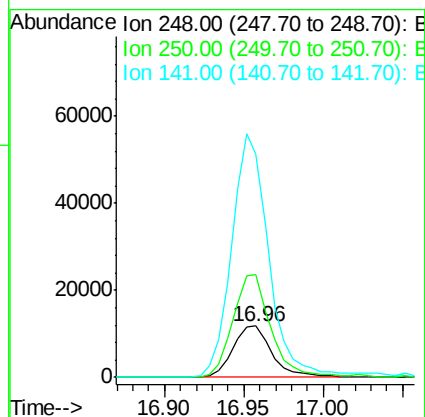
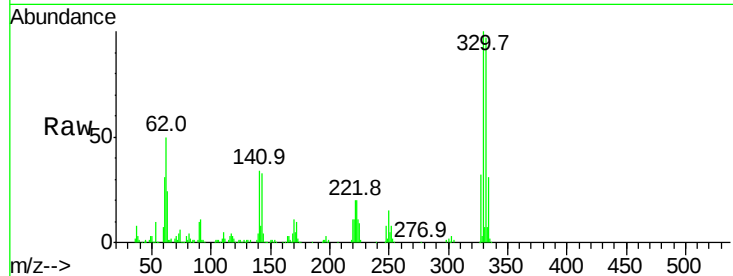




#66
 4-Bromophenyl-phenylether
 Concen: 5.056 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033470.D
 Acq: 31 Mar 2018 6:14

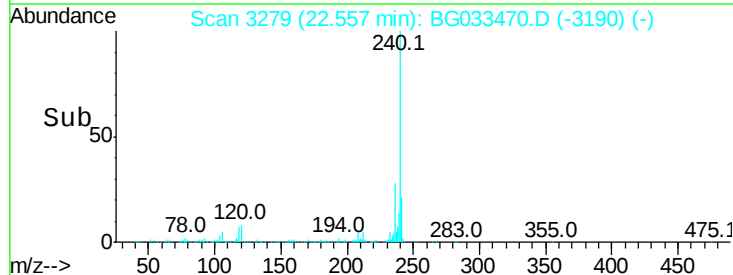
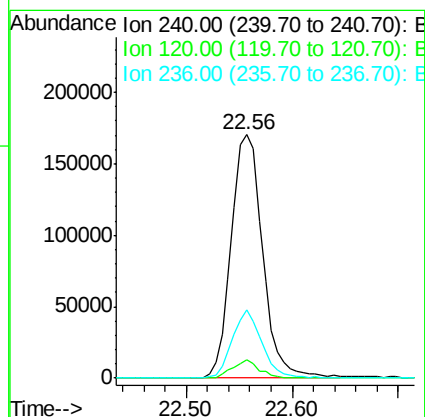
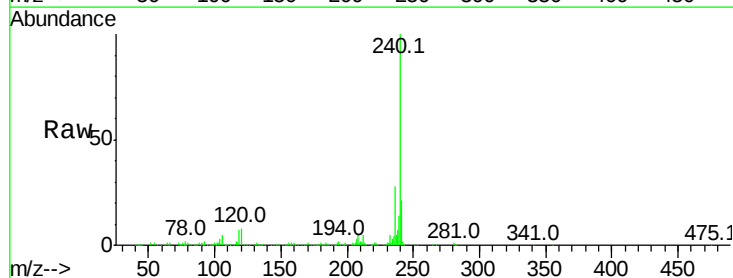
Instrument :
 BNA_G
 ClientSampleId :

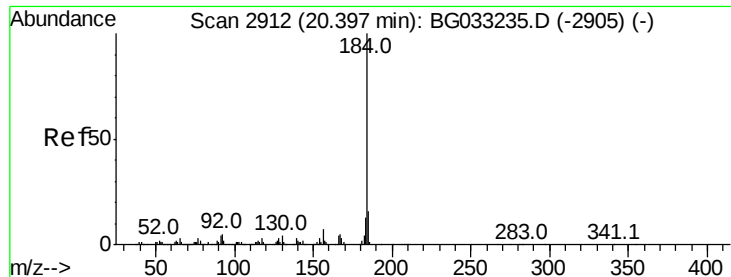
Tot Ion:248 Resp: 19883
 Ion Ratio Lower Upper
 248 100
 250 200.5 77.1 115.7#
 141 438.3 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033470.D
 Acq: 31 Mar 2018 6:14

Tgt Ion:240 Resp: 351550
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 28.0 20.9 31.3

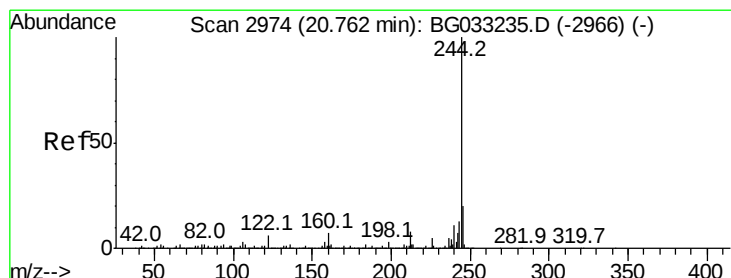
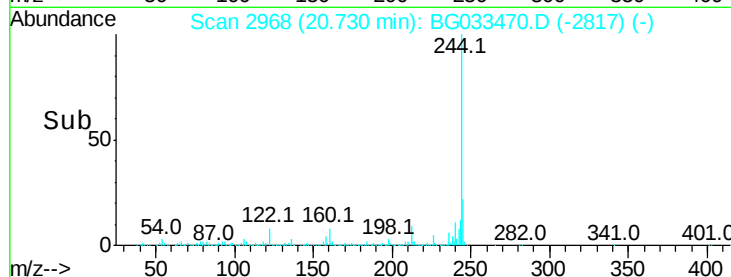
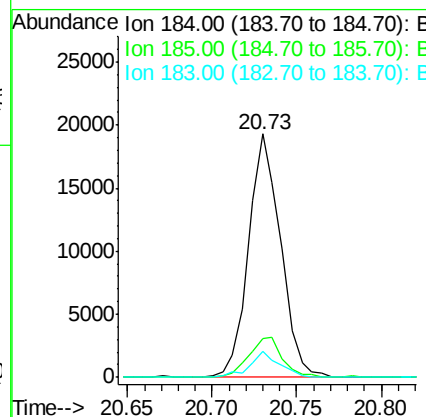
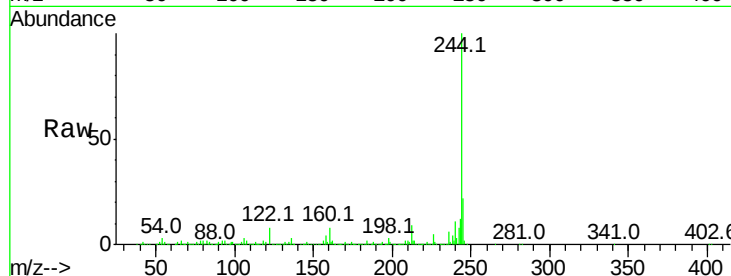




#76
Benzidine
Concen: 2.675 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

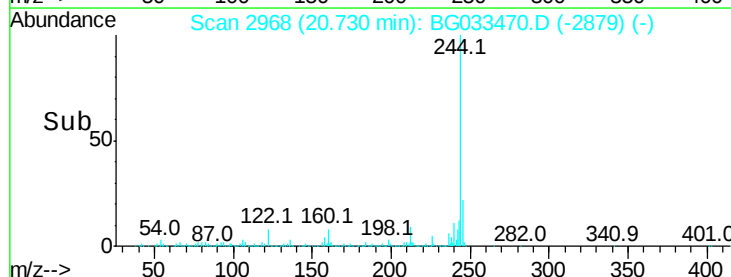
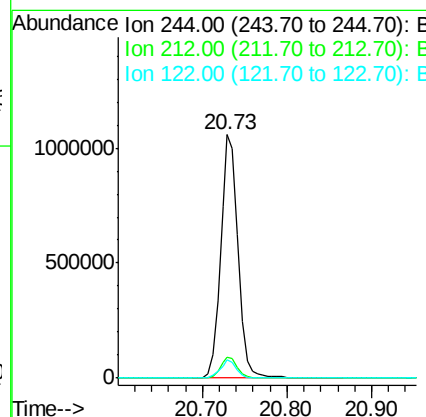
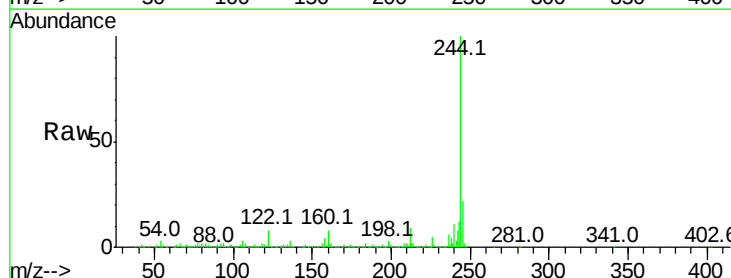
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.1	16.7
183	10.4	10.6	16.0#



#78
Terphenyl-d14
Concen: 92.597 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.5	7.0	10.4

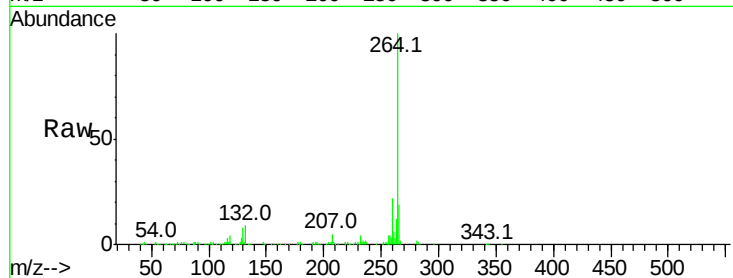




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033470.D
Acq: 31 Mar 2018 6:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.4	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

