

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033616.D
 Acq On : 6 Apr 2018 6:14
 Operator : SJ/JU
 Sample : J2224-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 06:59:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

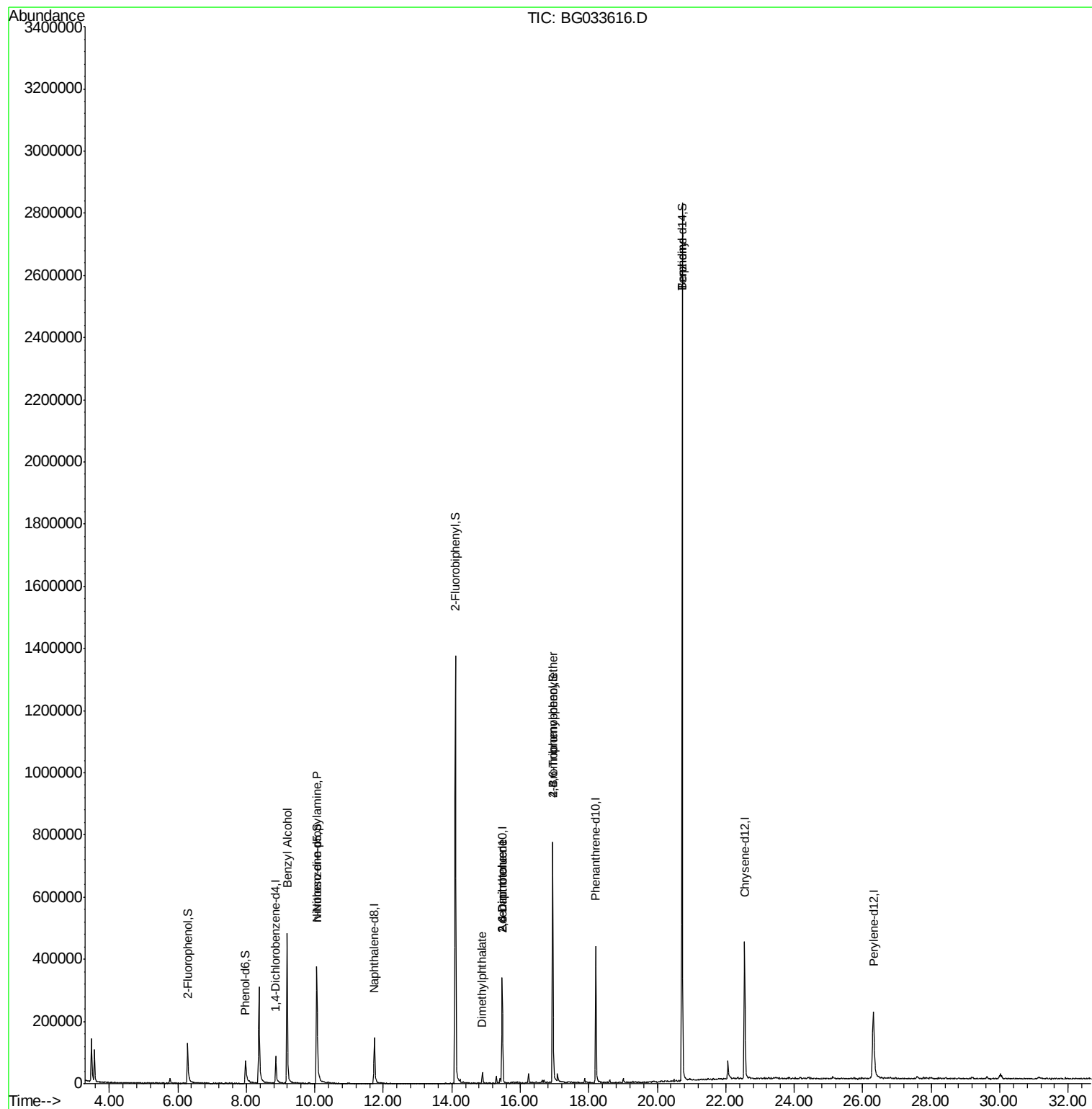
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32578	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	146741	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	125909	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323537	20.00	ng	0.00
75) Chrysene-d12	22.55	240	321864	20.00	ng	-0.01
86) Perylene-d12	26.31	264	326051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	72619	41.80	ng	0.00
7) Phenol-d6	7.98	99	65140	21.82	ng	0.00
23) Nitrobenzene-d5	10.06	82	313816	98.25	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	149907	79.61	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	799736	91.70	ng	0.00
78) Terphenyl-d14	20.73	244	1383435	91.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5484	2.333	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	42076	19.235	ng	# 74
49) Dimethylphthalate	14.90	163	23247	2.122	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	15969	7.127	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	15969	4.841	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	11336	2.983	ng	# 1
76) Benzydine	20.73	184	24675	2.827	ng	# 89

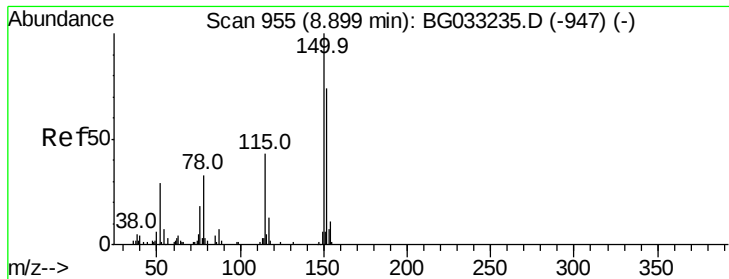
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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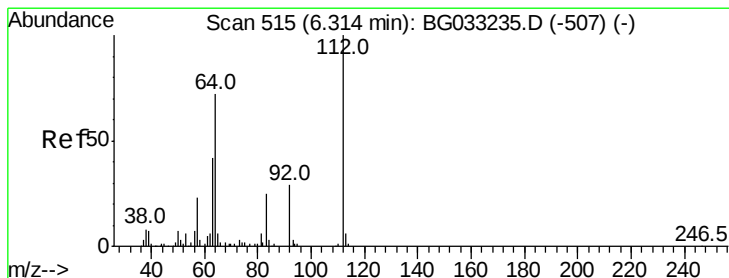
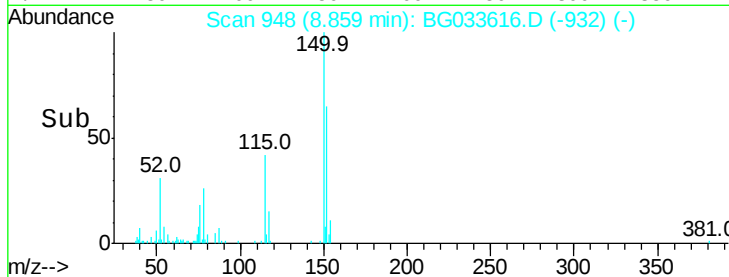
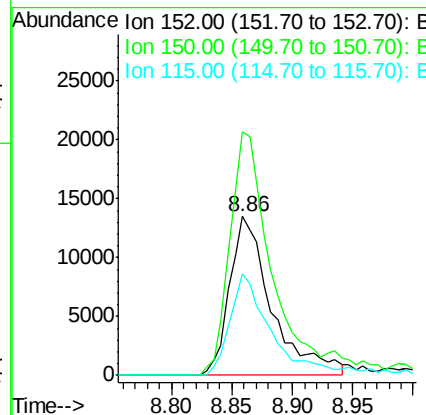
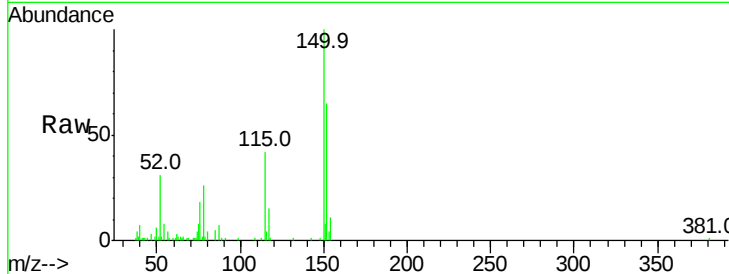


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Instrument :
BNA_F
ClientSampleId :

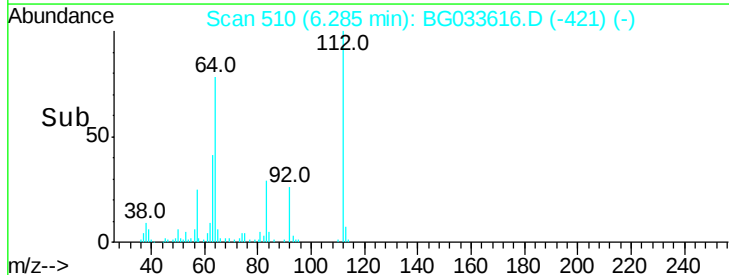
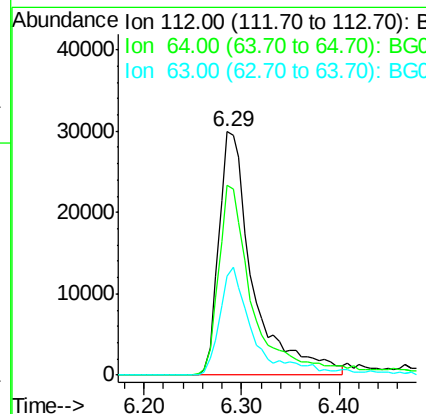
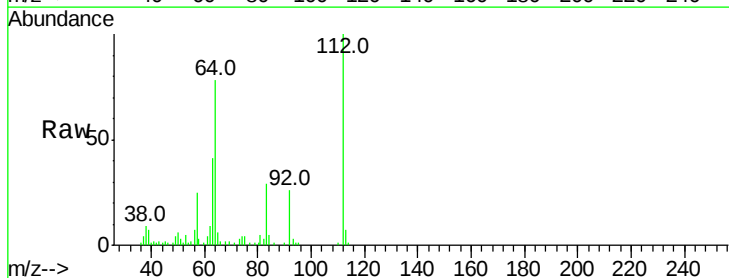
Tot Ion:152 Resp: 32578
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 64.1 53.0 79.4

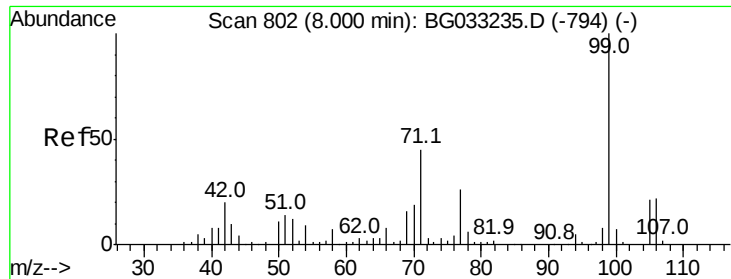


#5

2-Fluorophenol
Concen: 41.798 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Tgt Ion:112 Resp: 72619
Ion Ratio Lower Upper
112 100
64 78.0 56.3 84.5
63 40.8 30.1 45.1





#7

Phenol-d6

Concen: 21.821 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Instrument :

BNA_F

ClientSampleId :

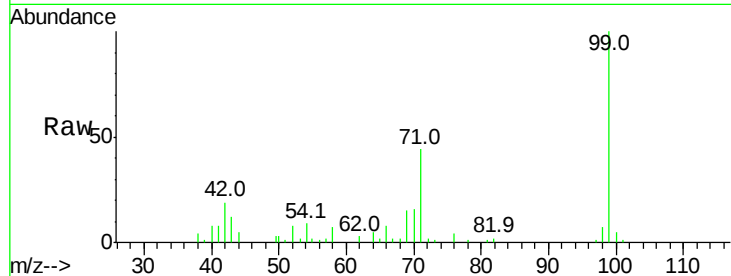
Tot Ion: 99 Resp: 65140

Ion Ratio Lower Upper

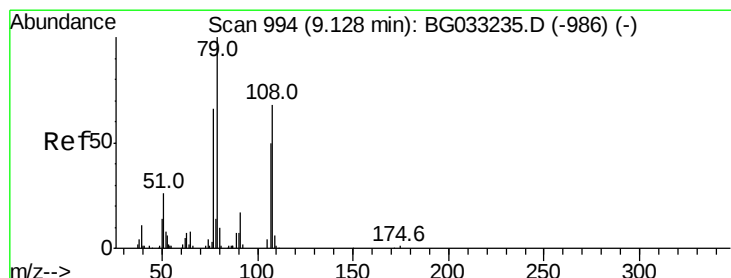
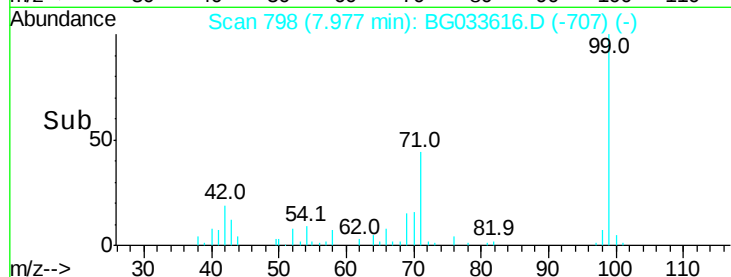
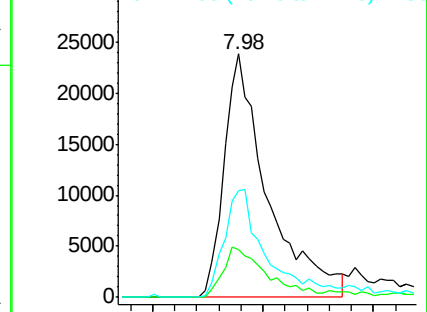
99 100

42 19.4 14.1 21.1

71 43.9 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: 2.333 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

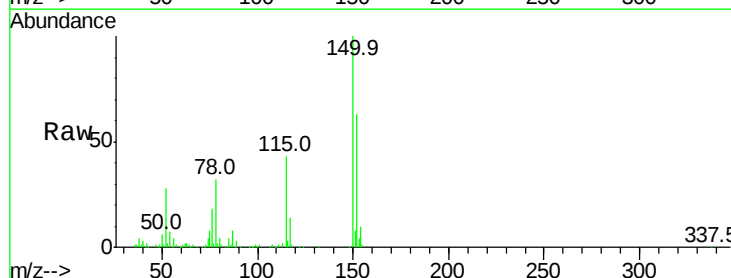
Tgt Ion: 79 Resp: 5484

Ion Ratio Lower Upper

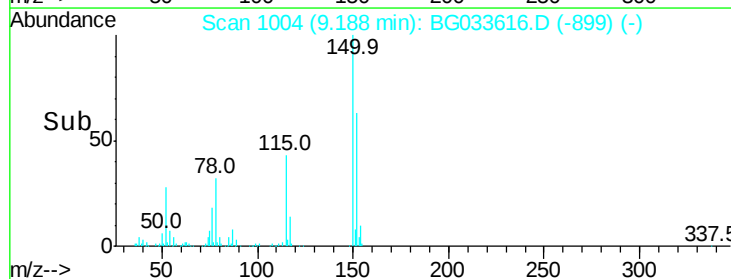
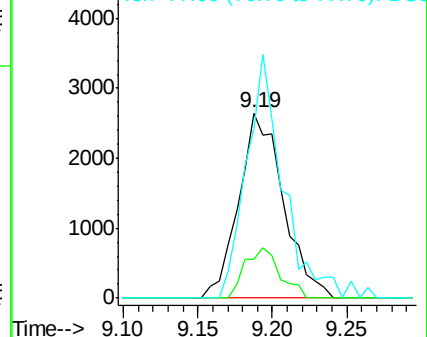
79 100

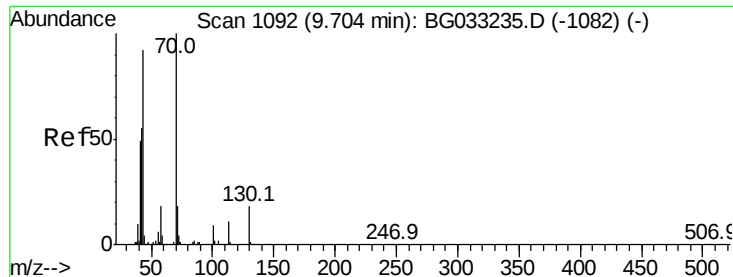
108 21.3 57.2 85.8#

77 91.4 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

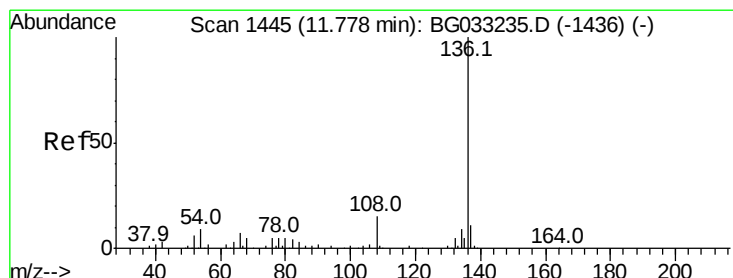
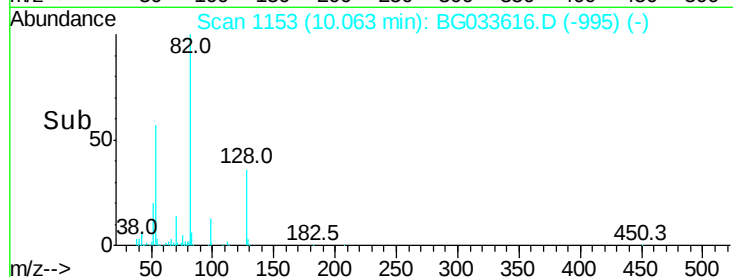
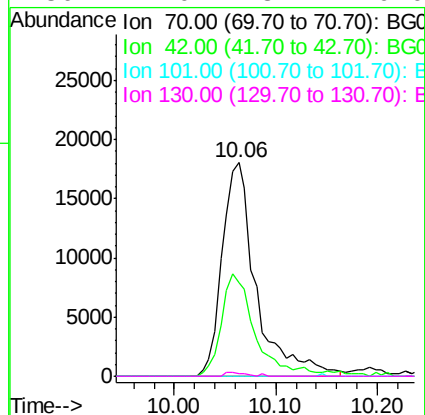
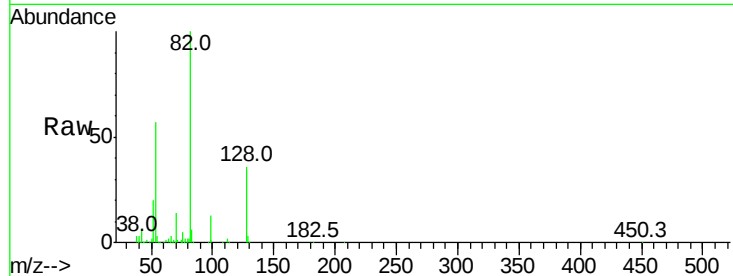




#19
n-Nitroso-di-n-propylamine
Concen: 19.235 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

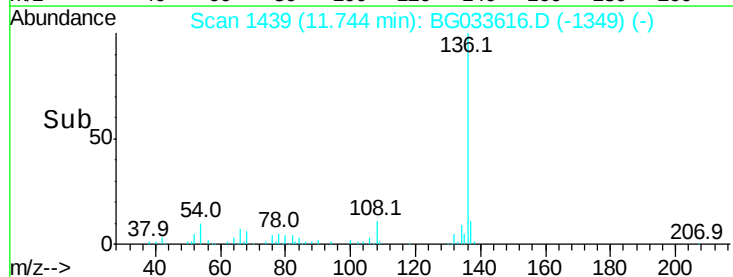
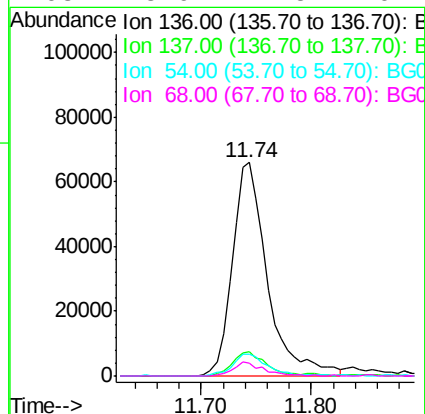
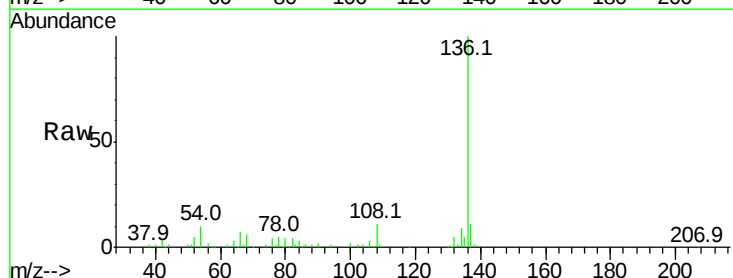
Instrument :
BNA_F
ClientSampleId :

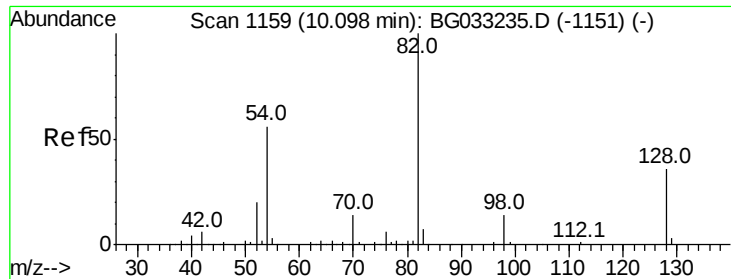
Tot Ion: 70 Resp: 42076
Ion Ratio Lower Upper
70 100
42 43.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Tgt Ion: 136 Resp: 146741
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.2 10.3 15.5#
68 5.9 4.5 6.7

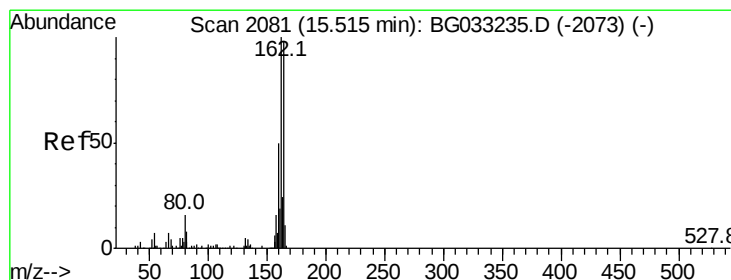
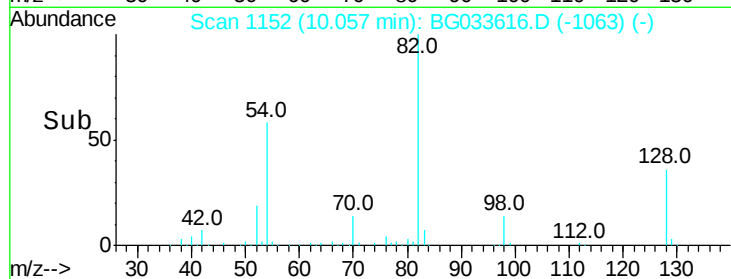
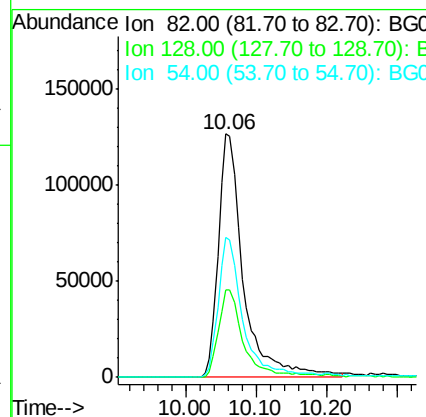
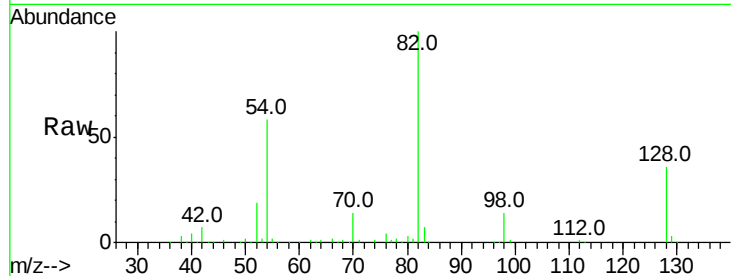




#23
 Nitrobenzene-d5
 Concen: 98.255 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

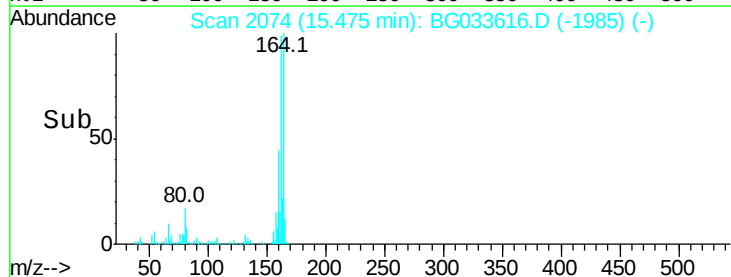
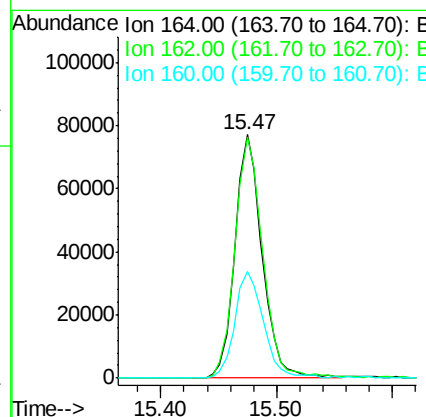
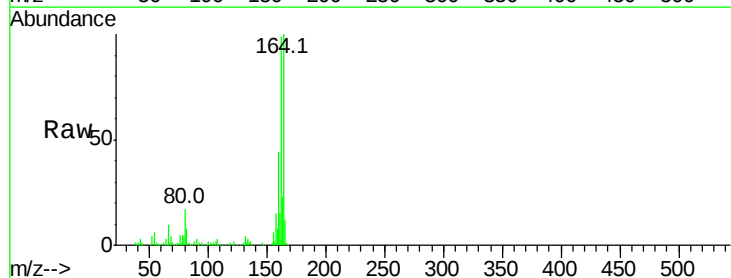
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	313816
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.7	44.5
54	57.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Tgt Ion	164	Resp	125909
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.8	118.2
160	44.0	35.4	53.0

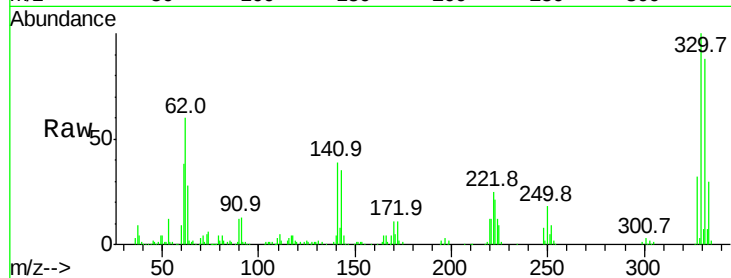




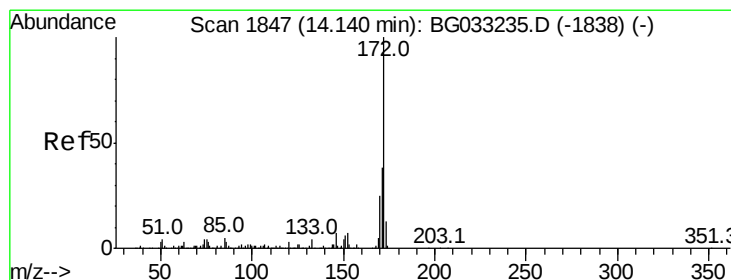
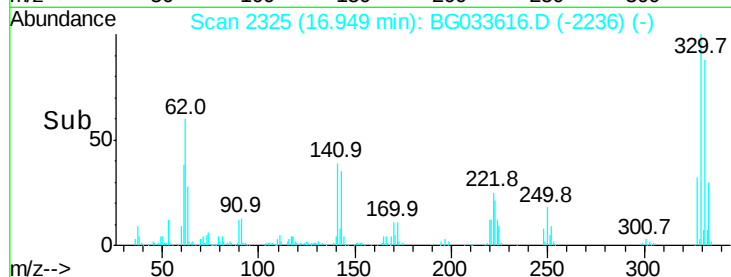
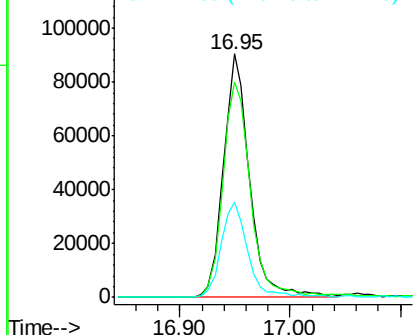
#41
 2,4,6-Tribromophenol
 Concen: 79.606 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 149907
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 39.7 25.2 37.8#

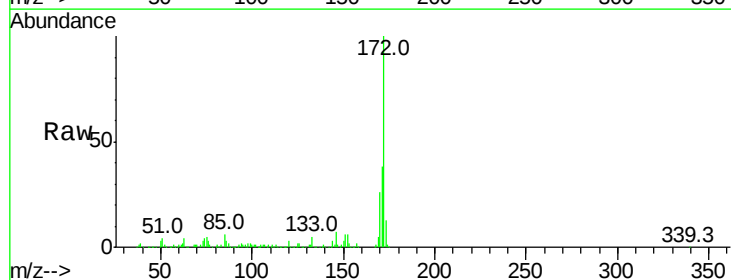


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

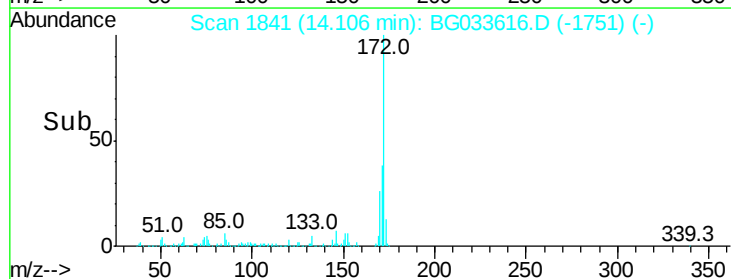
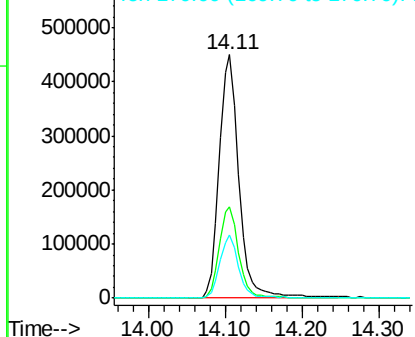


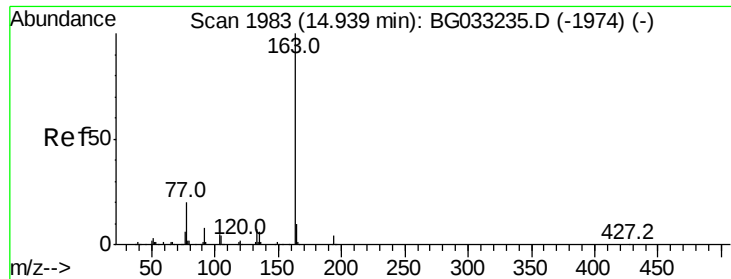
#44
 2-Fluorobiphenyl
 Concen: 91.695 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Tgt Ion:172 Resp: 799736
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 26.1 19.5 29.3



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





#49

Dimethylphthalate

Concen: 2.122 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Instrument :

BNA_F

ClientSampleId :

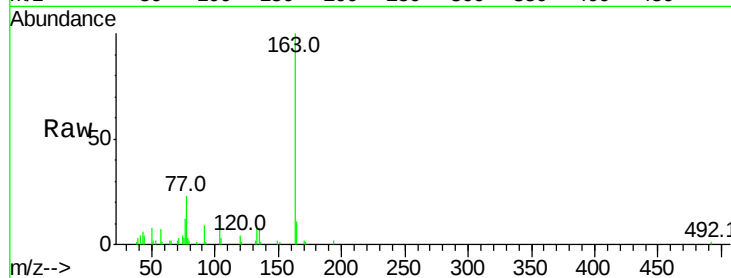
Tot Ion:163 Resp: 23247

Ion Ratio Lower Upper

163 100

194 1.6 3.4 5.2#

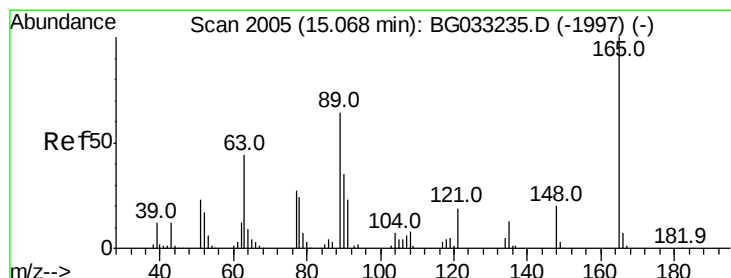
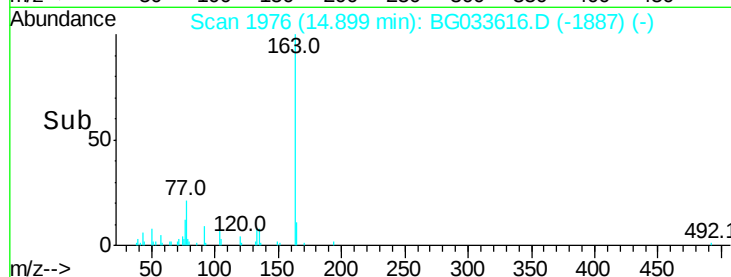
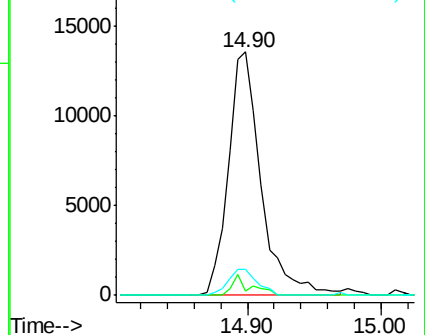
164 10.7 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.127 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

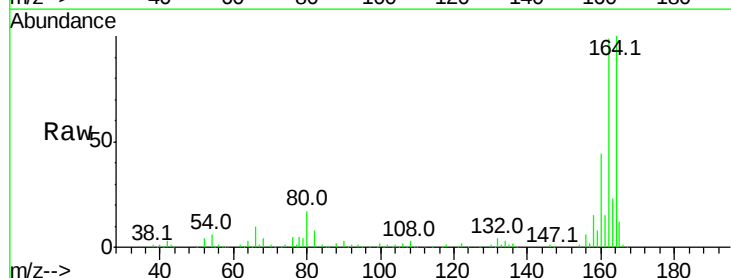
Tgt Ion:165 Resp: 15969

Ion Ratio Lower Upper

165 100

63 1.8 52.7 79.1#

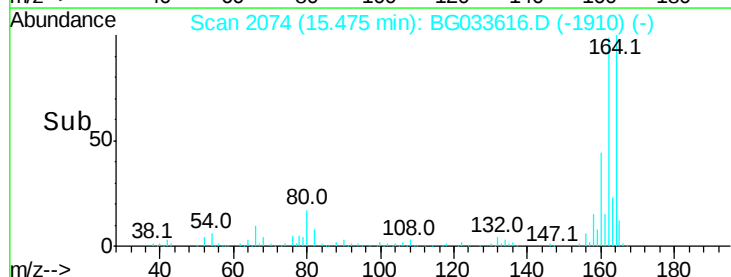
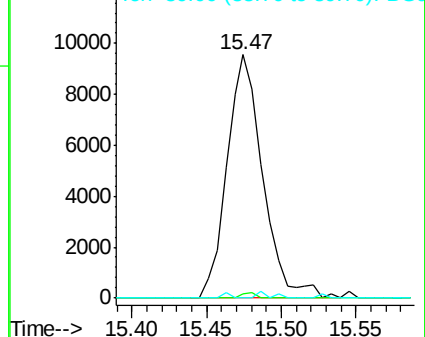
89 0.0 49.2 73.8#



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





#56

2,4-Dinitrotoluene

Concen: 4.841 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033616.D

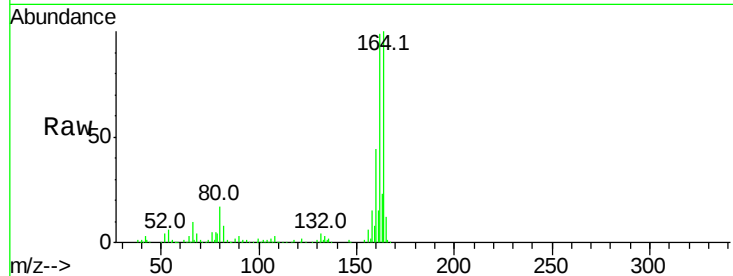
Acq: 6 Apr 2018 6:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	15969
Ion Ratio	Lower	Upper
165	100	
63	1.8	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#

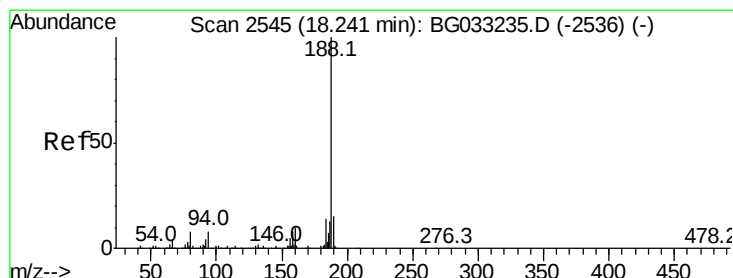
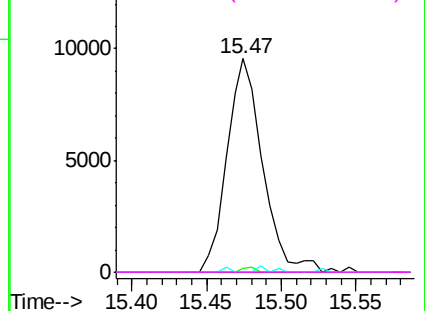


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

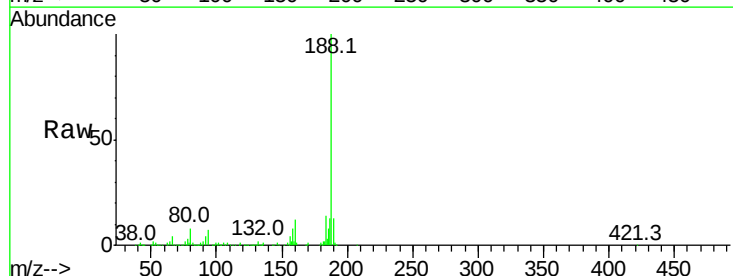
RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

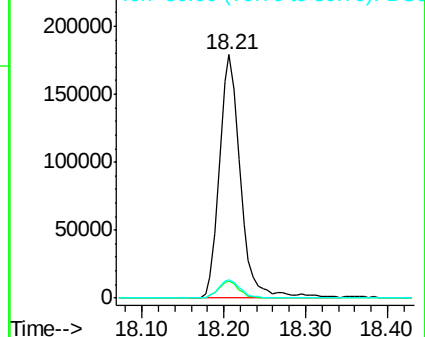
Tgt Ion:188	Resp:	323537
Ion Ratio	Lower	Upper
188	100	
94	7.1	6.9 10.3
80	7.6	7.7 11.5#



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

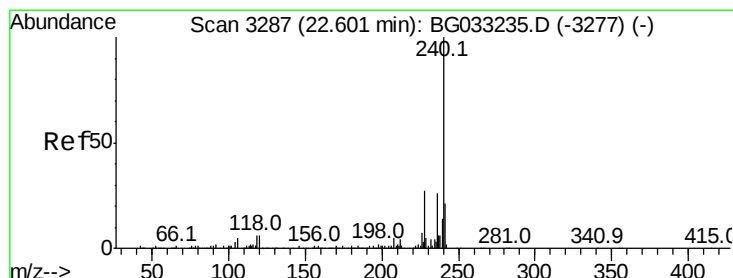
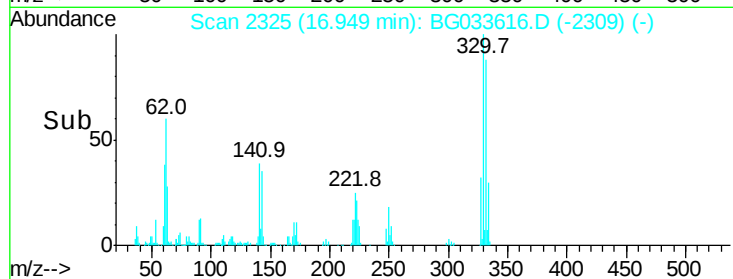
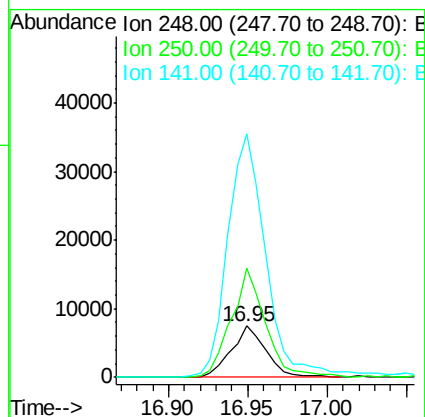
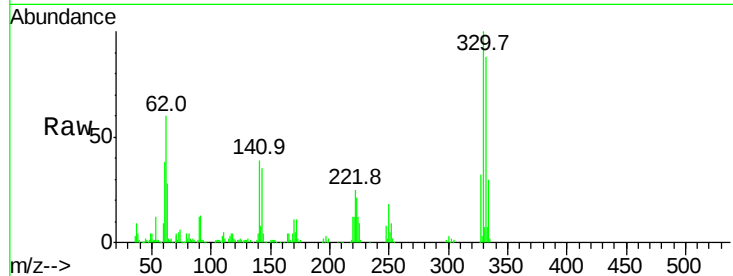




#66
4-Bromophenyl-phenylether
Concen: 2.983 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

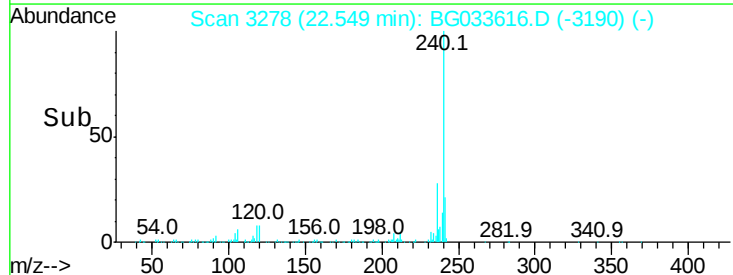
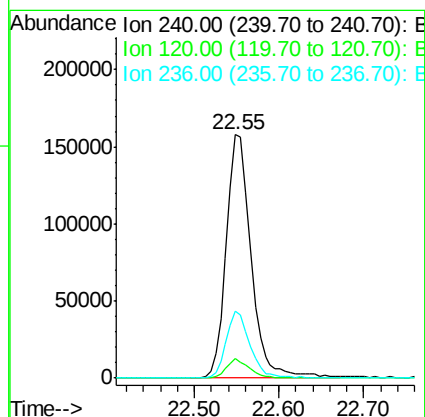
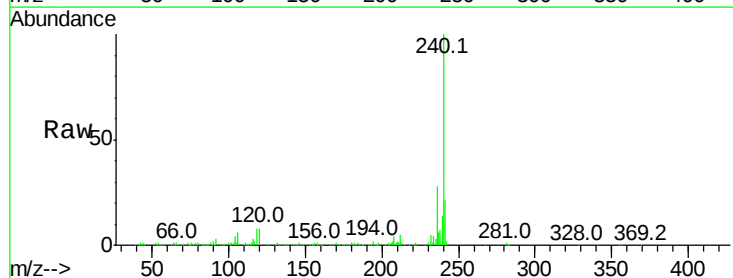
Instrument :
BNA_F
ClientSampled :

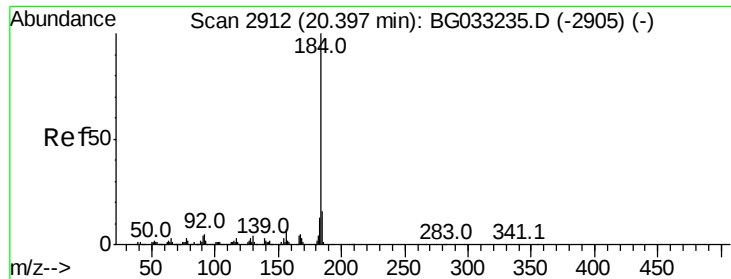
Tot Ion:248 Resp: 11336
Ion Ratio Lower Upper
248 100
250 211.1 77.1 115.7#
141 472.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Tgt Ion:240 Resp: 321864
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 27.7 20.9 31.3





#76

Benzidine

Concen: 2.827 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Instrument :

BNA_F

ClientSampleId :

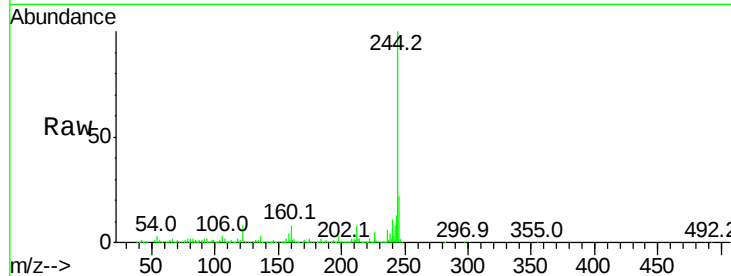
Tot Ion:184 Resp: 24675

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

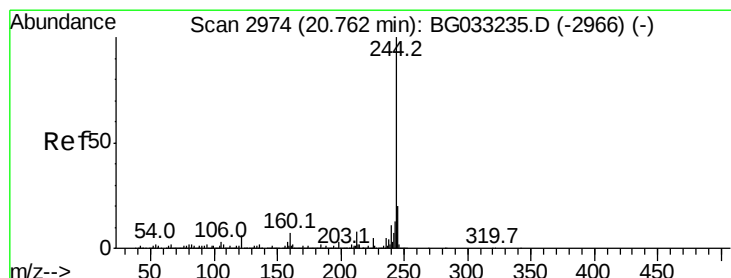
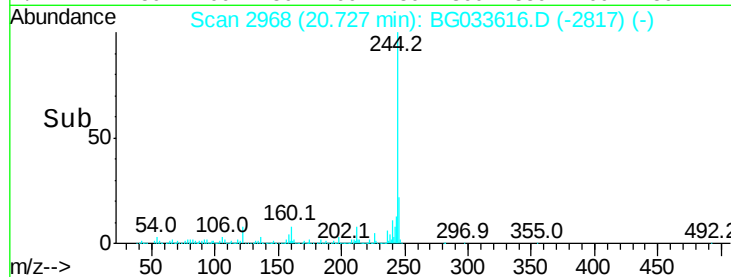
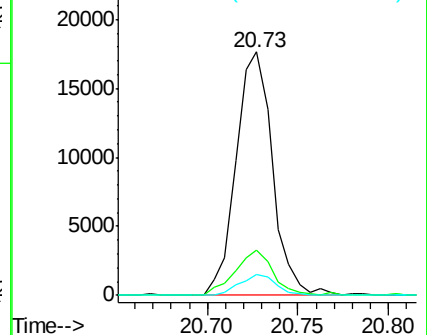
183 8.7 10.6 16.0#



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: 91.922 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

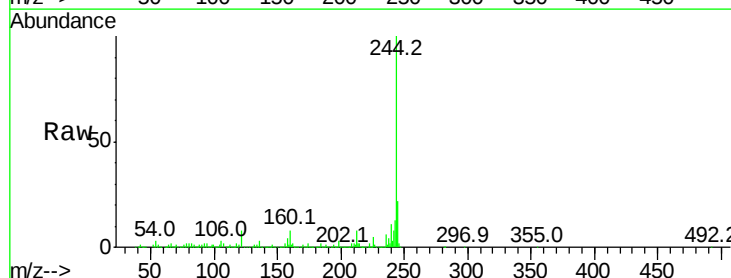
Tgt Ion:244 Resp: 1383435

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

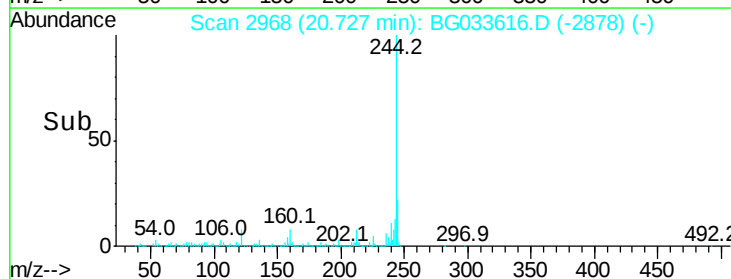
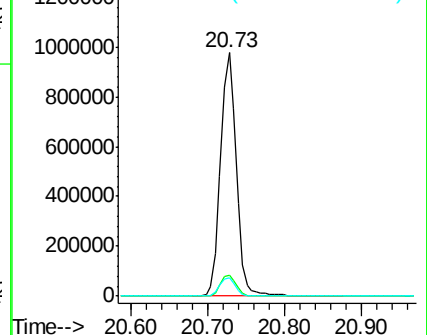
122 7.8 7.0 10.4



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: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	21.1	17.7	26.5

