

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033803.D
 Acq On : 13 Apr 2018 19:21
 Operator : SJ/JU
 Sample : J2163-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:51:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27422	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	119845	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92959	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	296840	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325273	20.00	ng	0.00
86) Perylene-d12	26.31	264	346250	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	221110	151.20	ng	0.00
7) Phenol-d6	7.99	99	313838	124.90	ng	0.02
23) Nitrobenzene-d5	10.05	82	251933	96.58	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	245112	176.30	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	672419	104.43	ng	0.00
78) Terphenyl-d14	20.72	244	1619017	106.45	ng	0.00

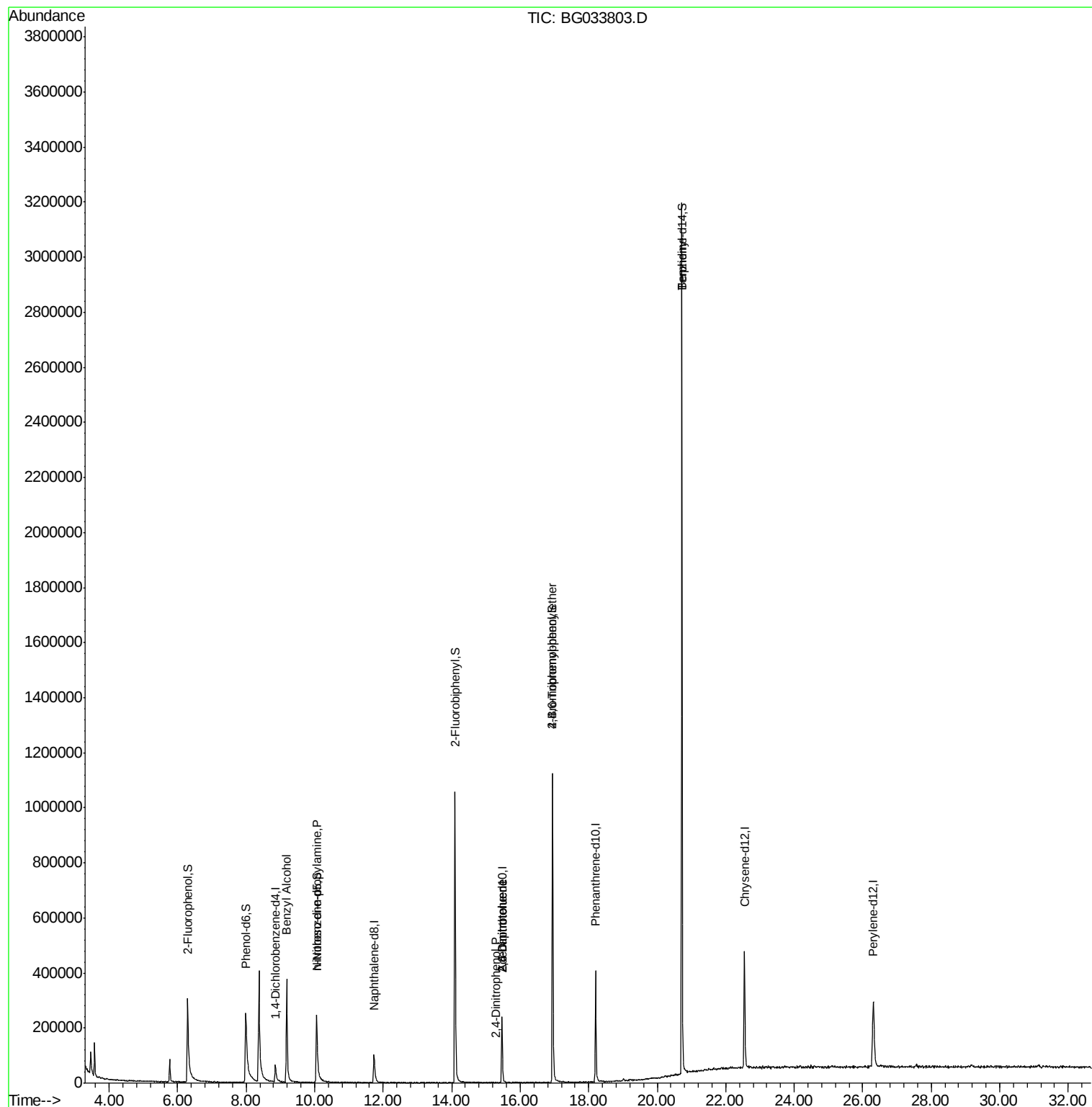
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.18	79	4449	2.249	ng	# 39
19) n-Nitroso-di-n-propylamine	10.05	70	35952	19.526	ng	# 88
50) 2,6-Dinitrotoluene	15.47	165	12038	7.277	ng	# 21
53) 2,4-Dinitrophenol	15.29	184	92	7.740	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12037	4.942	ng	# 19
66) 4-Bromophenyl-phenylether	16.94	248	18023	5.170	ng	# 1
76) Benizidine	20.72	184	28279	3.206	ng	# 91

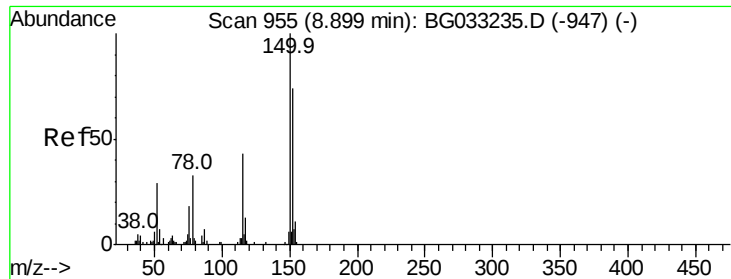
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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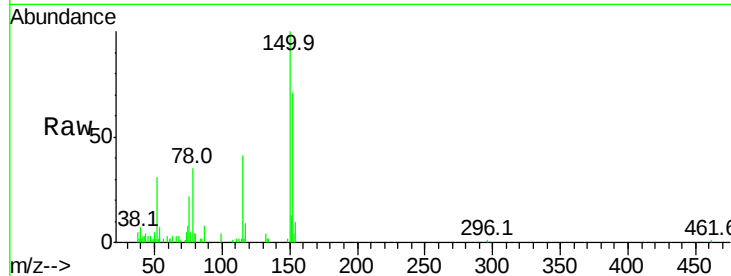


#1

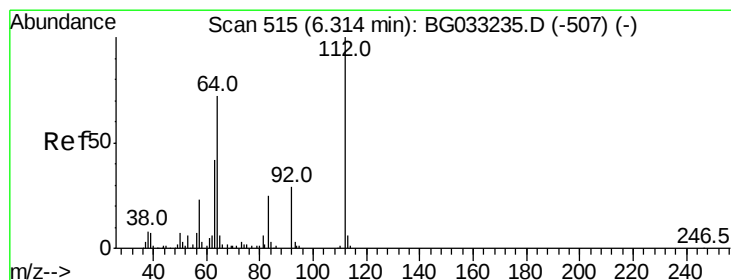
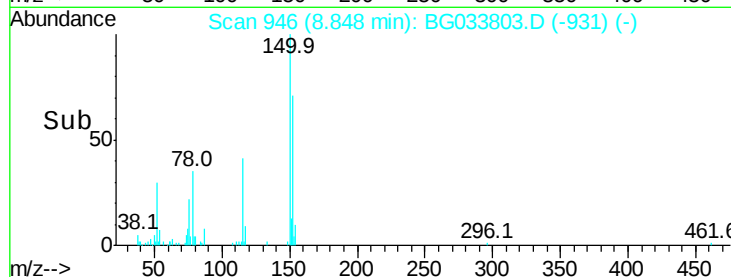
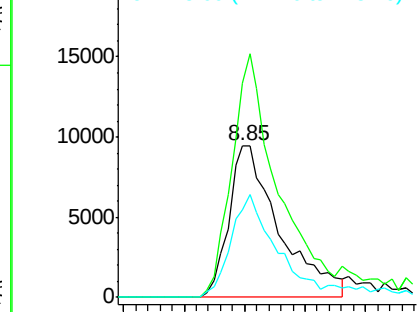
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 27422
Ion Ratio Lower Upper
152 100
150 140.5 126.6 189.8
115 57.2 53.0 79.4



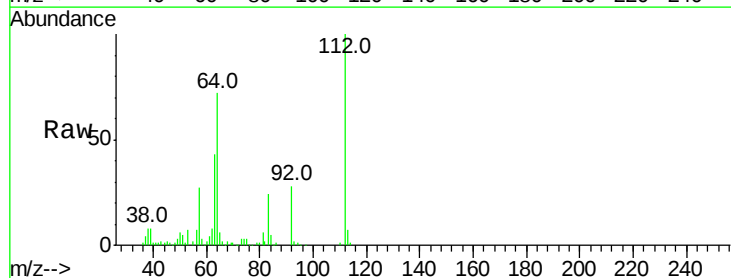
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



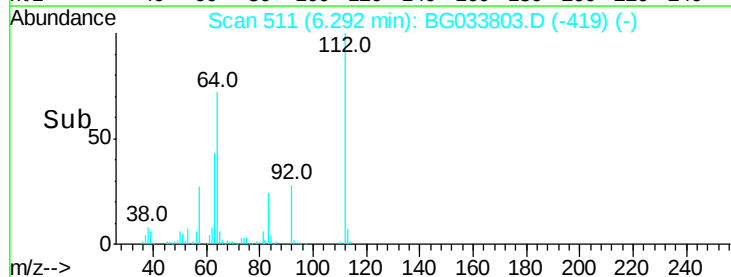
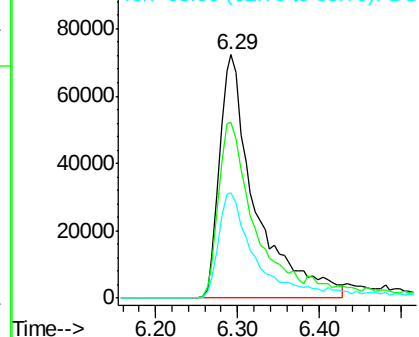
#5

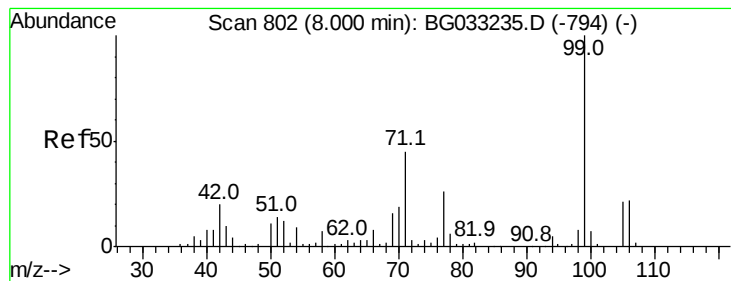
2-Fluorophenol
Concen: 151.195 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion:112 Resp: 221110
Ion Ratio Lower Upper
112 100
64 72.4 56.3 84.5
63 43.2 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: 124.899 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

Instrument :

BNA_G

ClientSampled :

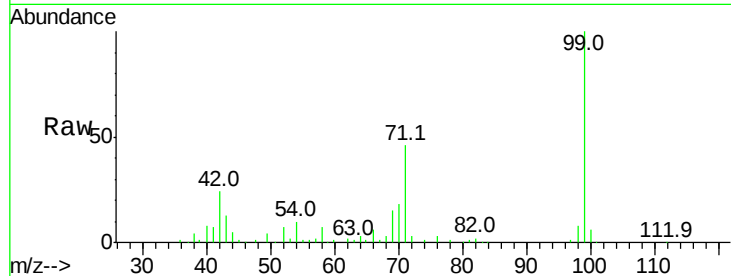
Tot Ion: 99 Resp: 313838

Ion Ratio Lower Upper

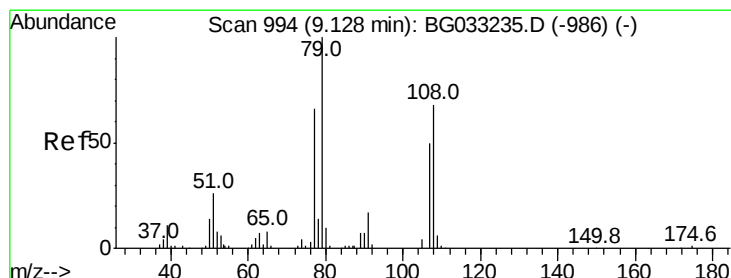
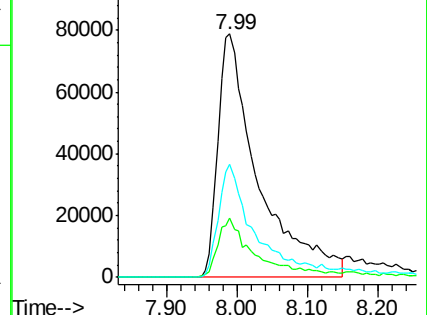
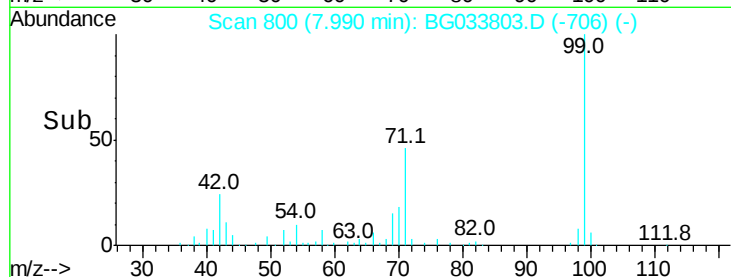
99 100

42 24.3 14.1 21.1#

71 46.3 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: 2.249 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

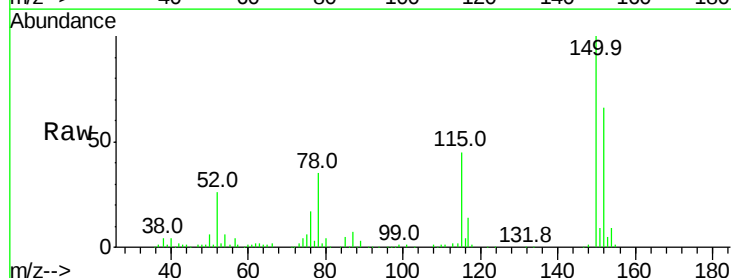
Tgt Ion: 79 Resp: 4449

Ion Ratio Lower Upper

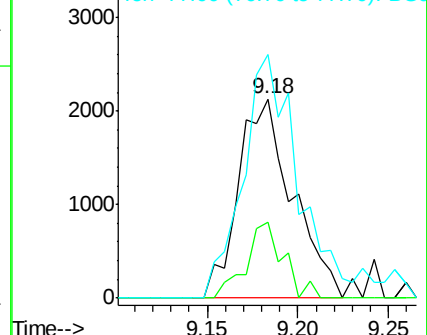
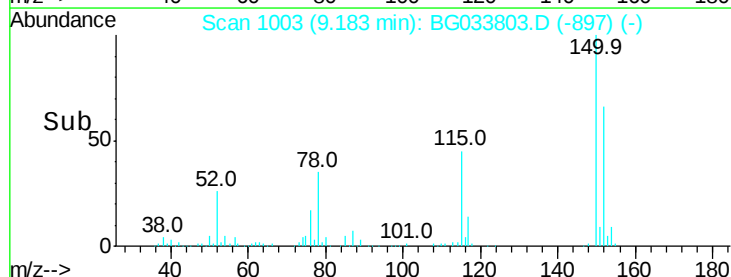
79 100

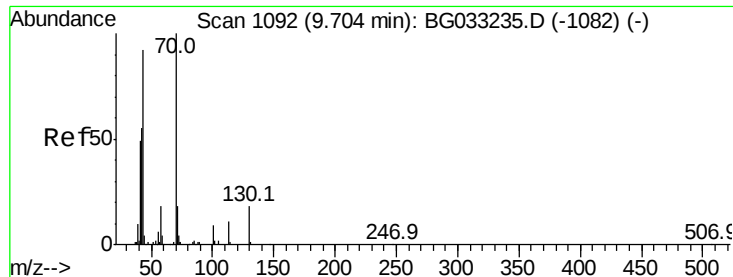
108 38.4 57.2 85.8#

77 122.4 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

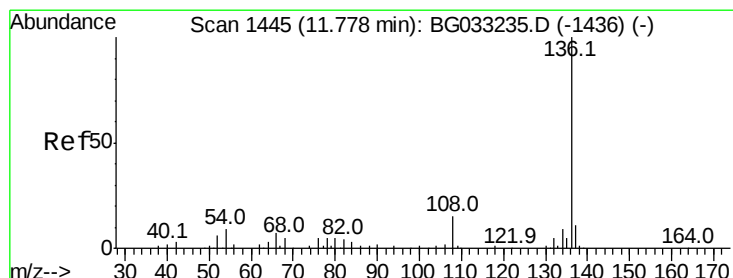
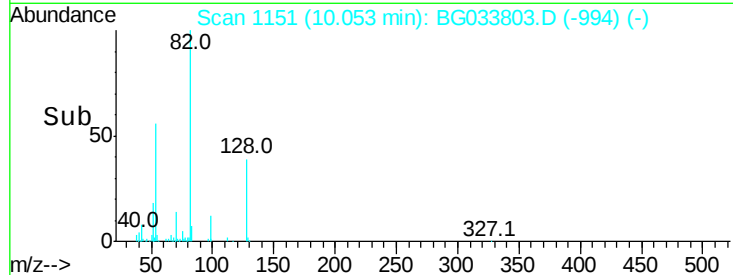
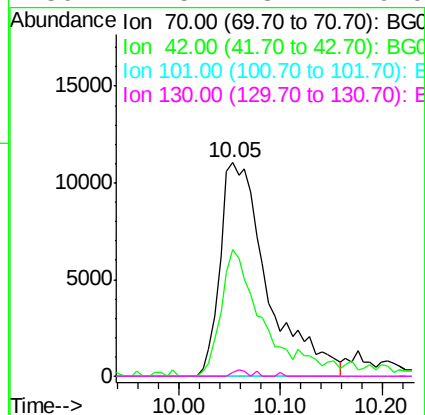
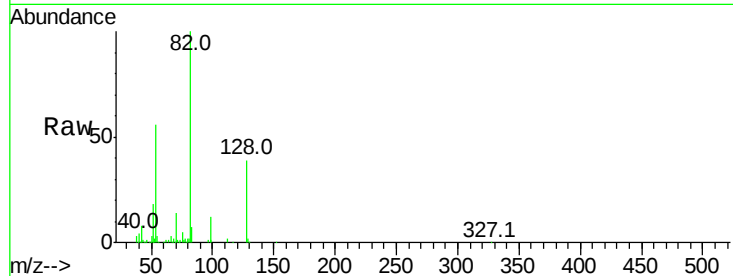




#19
n-Nitroso-di-n-propylamine
Concen: 19.526 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

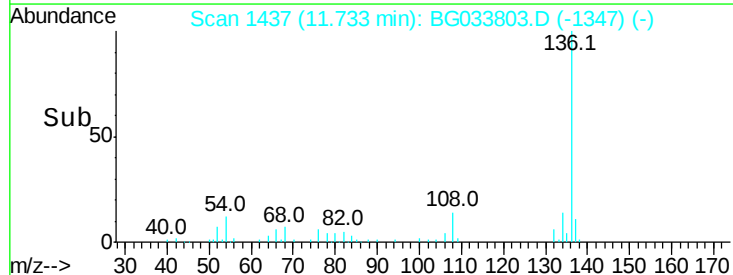
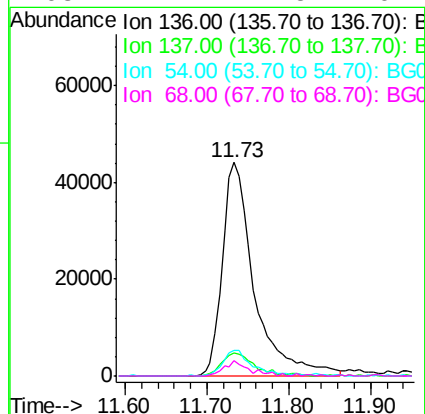
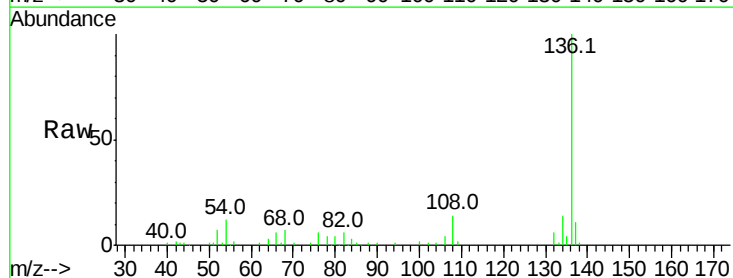
Instrument :
BNA_G
ClientSampleId :

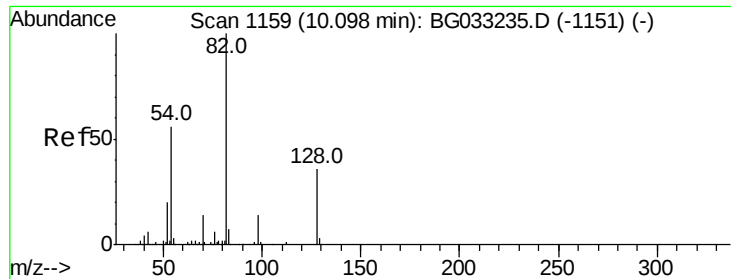
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	49.1	73.7
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	12.1	10.3	15.5
68	7.4	4.5	6.7#

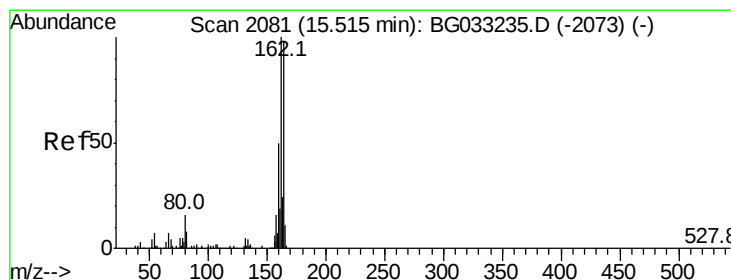
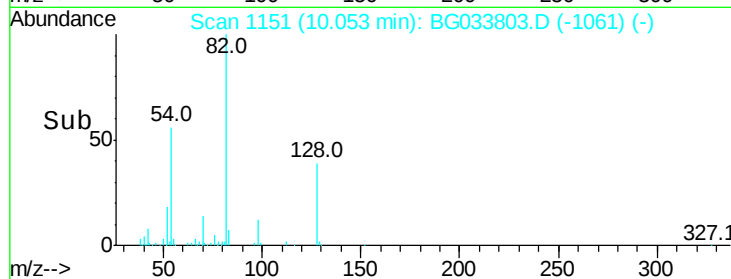
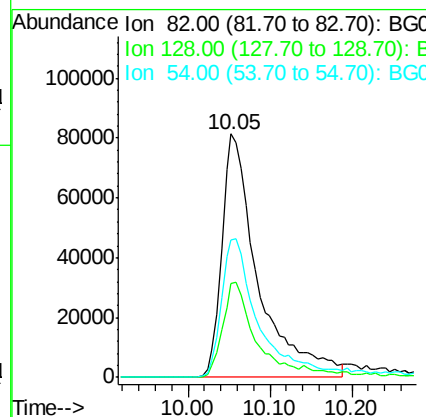
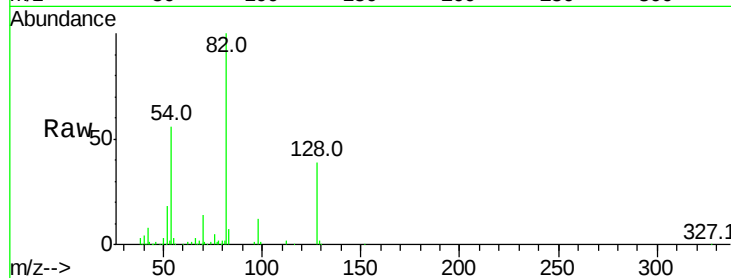




#23
 Nitrobenzene-d5
 Concen: 96.582 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

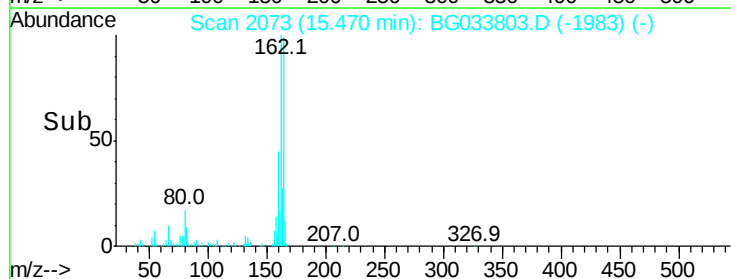
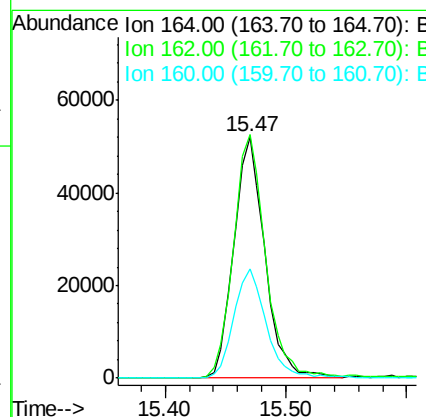
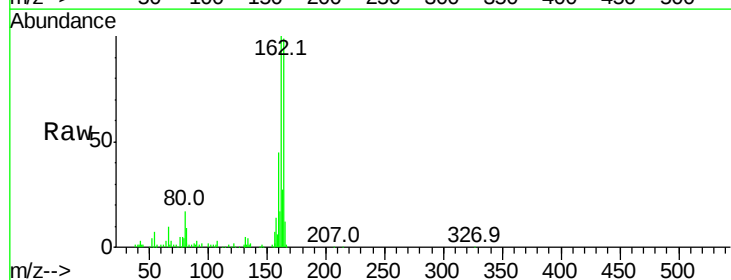
Instrument :
 BNA_G
 ClientSampleId :

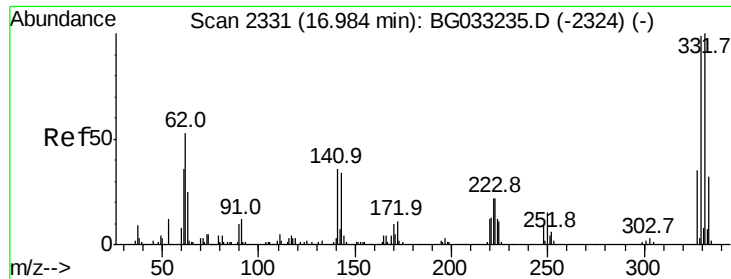
Tot Ion	82	Resp	251933
Ion Ratio	Lower	Upper	
82	100		
128	38.6	29.7	44.5
54	56.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

Tgt Ion	164	Resp	92959
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.8	118.2
160	45.2	35.4	53.0

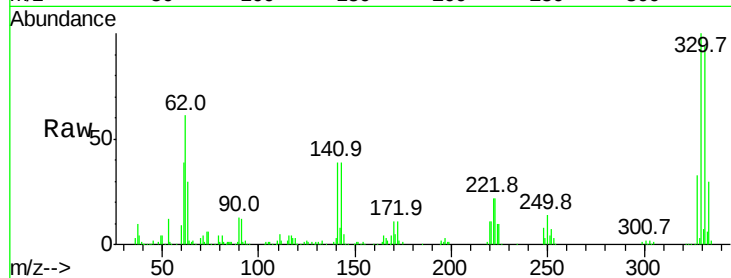




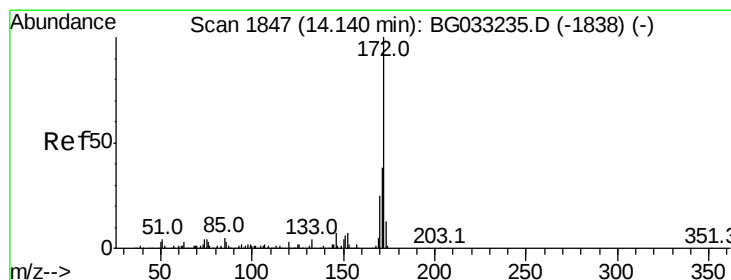
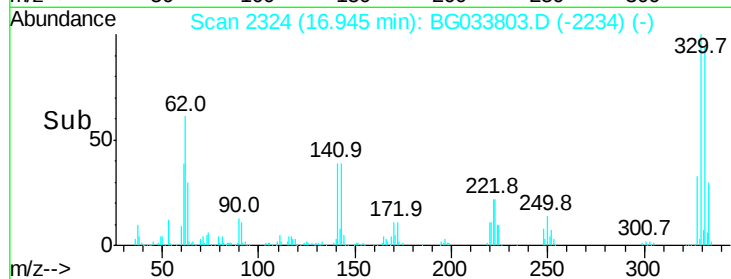
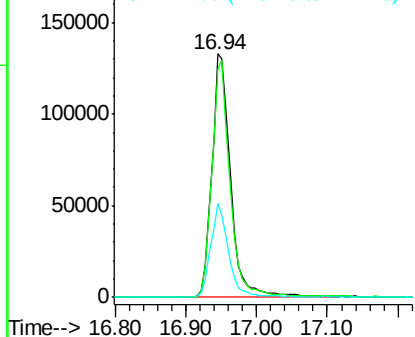
#41
 2,4,6-Tribromophenol
 Concen: 176.300 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 245112
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 36.8 25.2 37.8

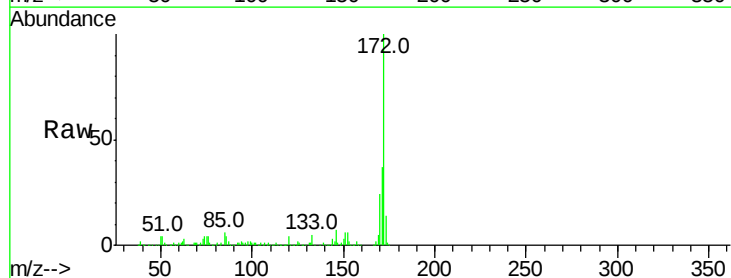


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

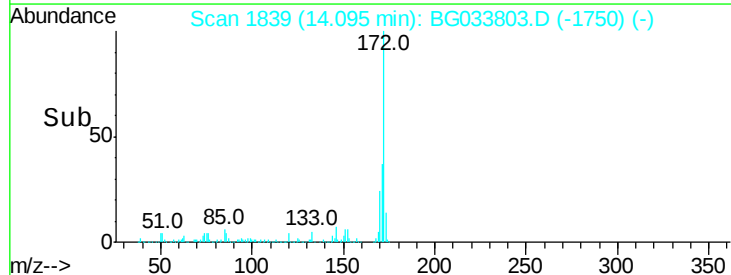
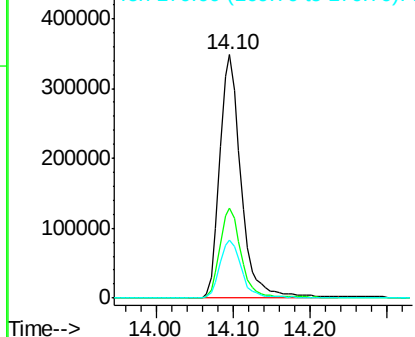


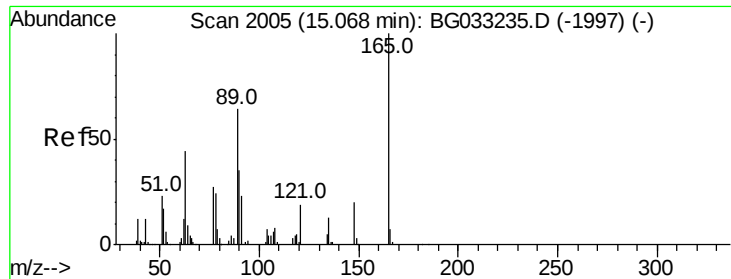
#44
 2-Fluorobiphenyl
 Concen: 104.425 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033803.D
 Acq: 13 Apr 2018 19:21

Tgt Ion:172 Resp: 672419
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.0 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

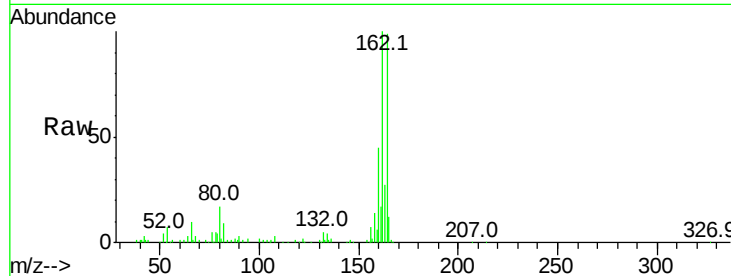




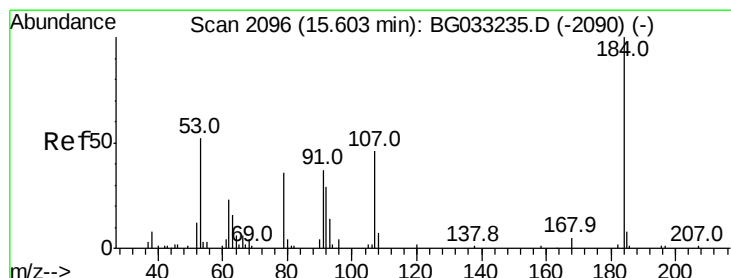
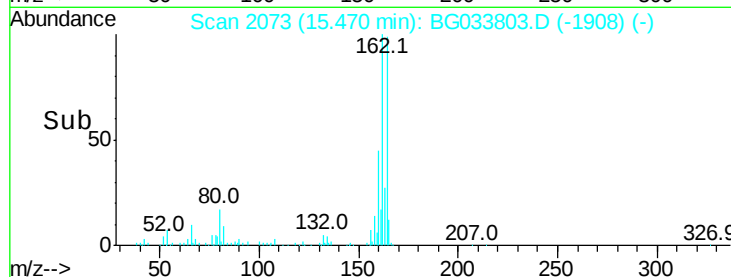
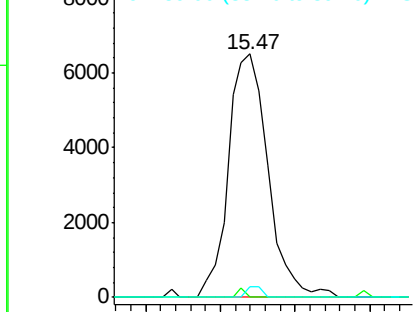
#50
2,6-Dinitrotoluene
Concen: 7.277 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 12038
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.4 49.2 73.8#

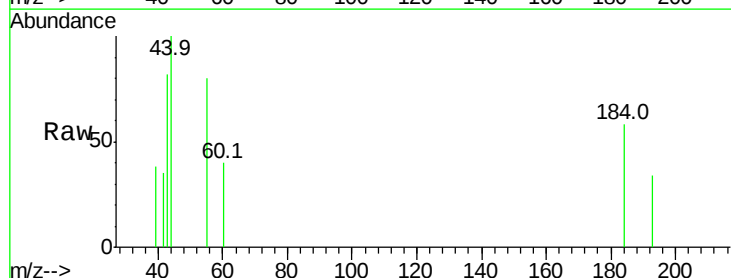


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

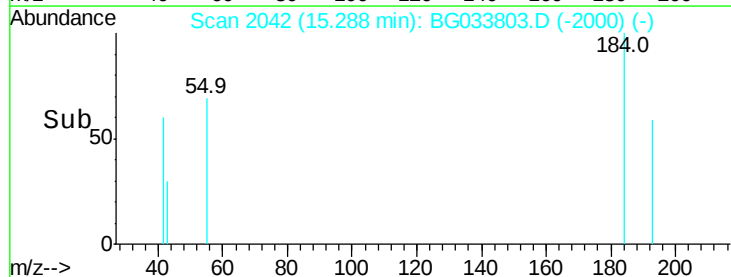
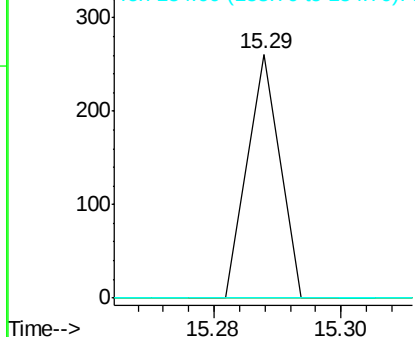


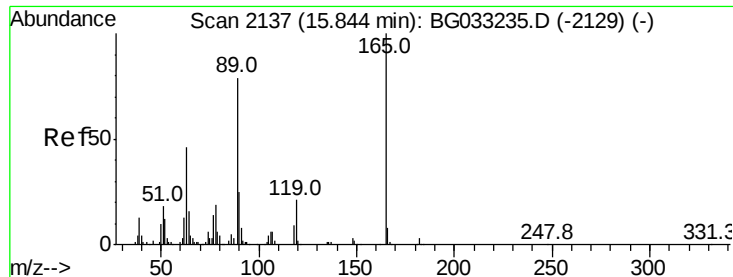
#53
2,4-Dinitrophenol
Concen: 7.740 ng
RT: 15.29 min Scan# 2042
Delta R.T. -0.29 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion:184 Resp: 92
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 4.942 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.34 min

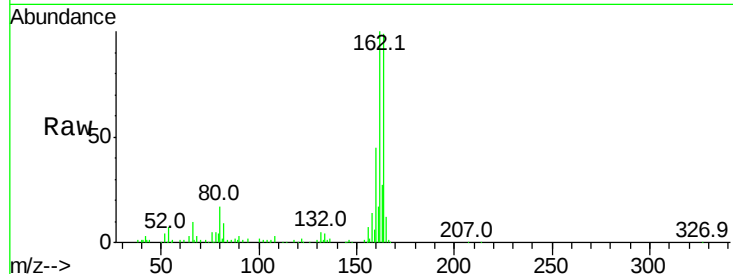
Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

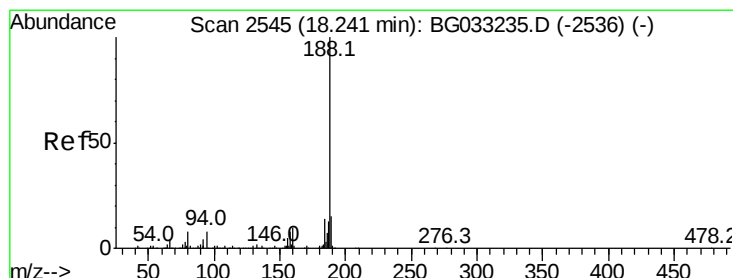
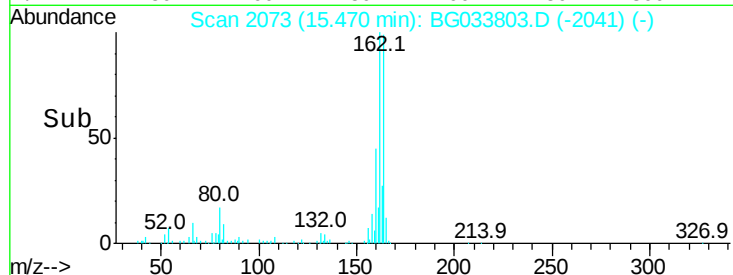
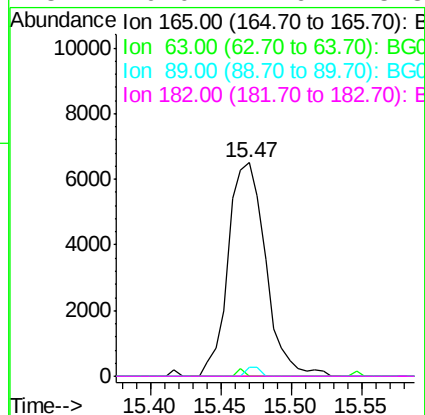
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	165	Resp:	12037
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.4	66.9	100.3#
182	0.0	2.6	3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

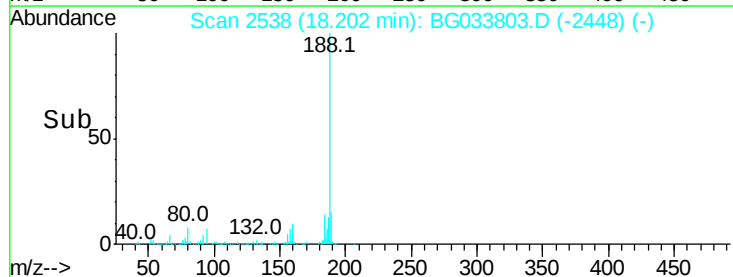
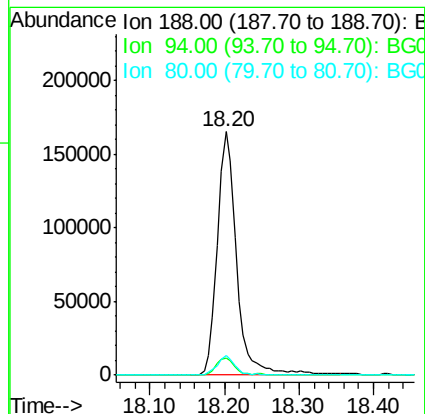
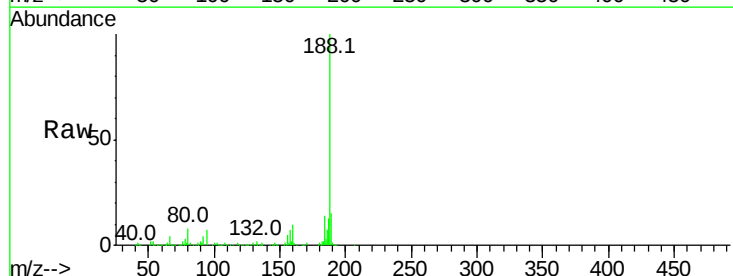
RT: 18.20 min Scan# 2538

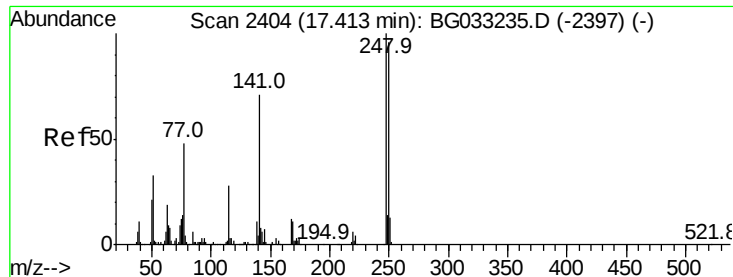
Delta R.T. -0.00 min

Lab File: BG033803.D

Acq: 13 Apr 2018 19:21

Tgt Ion:	188	Resp:	296840
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.2	7.7	11.5

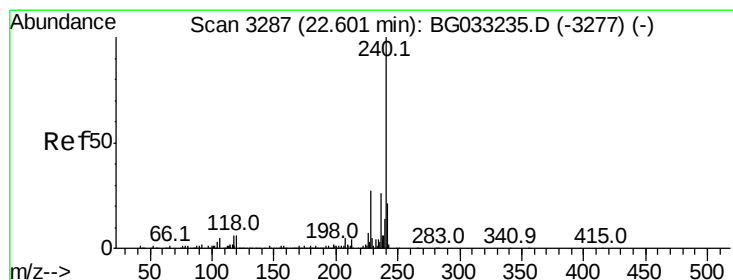
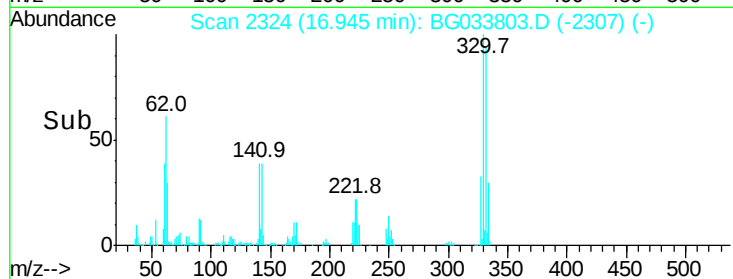
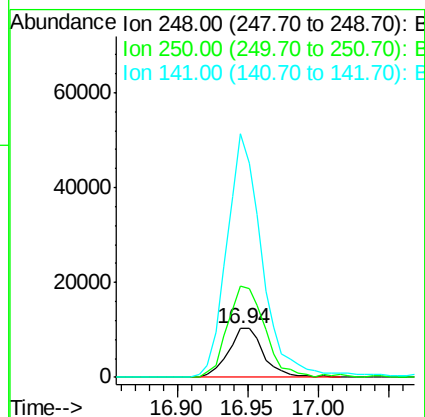
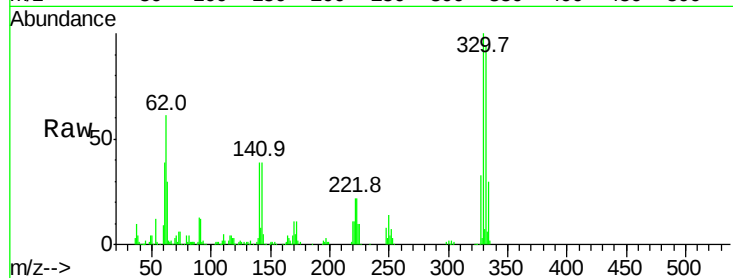




#66
4-Bromophenyl-phenylether
Concen: 5.170 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

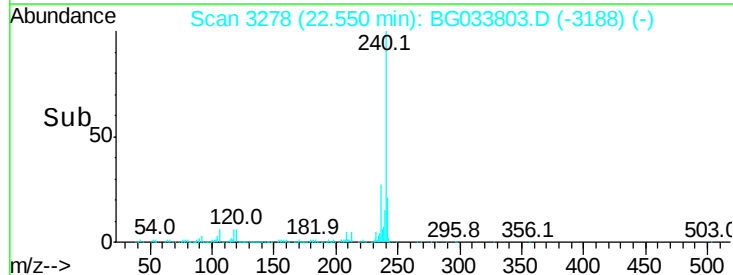
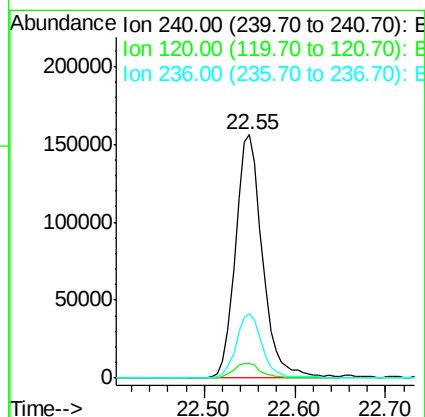
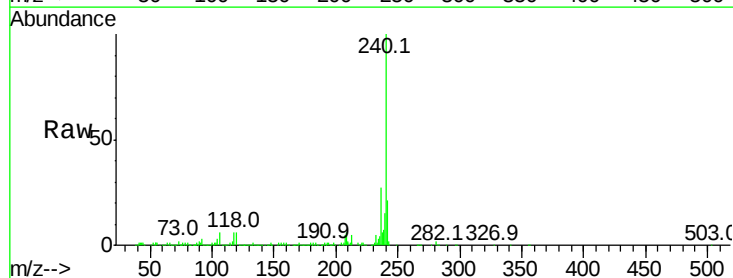
Instrument :
BNA_G
ClientSampleId :

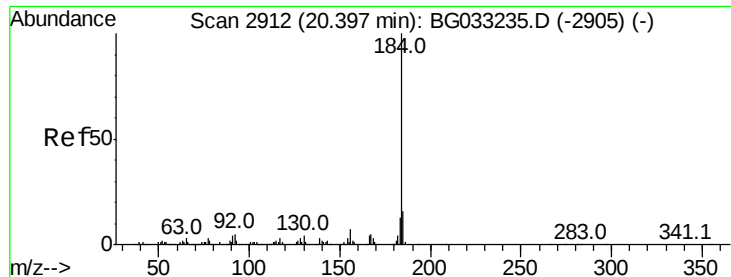
Tot Ion:248 Resp: 18023
Ion Ratio Lower Upper
248 100
250 187.2 77.1 115.7#
141 501.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion:240 Resp: 325273
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.7 20.9 31.3

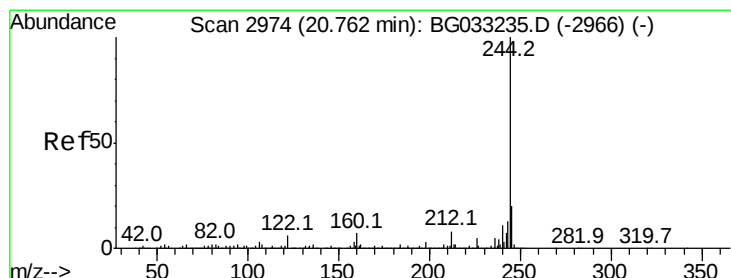
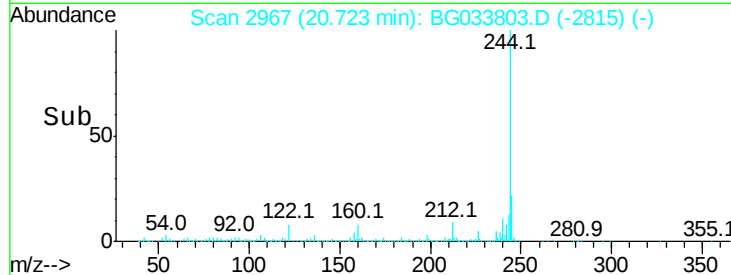
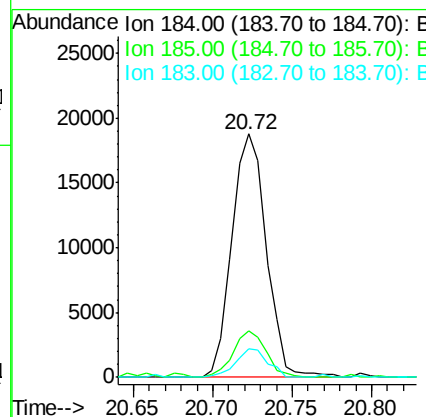
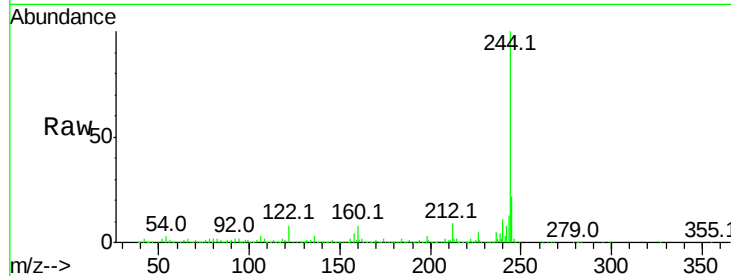




#76
Benzidine
Concen: 3.206 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

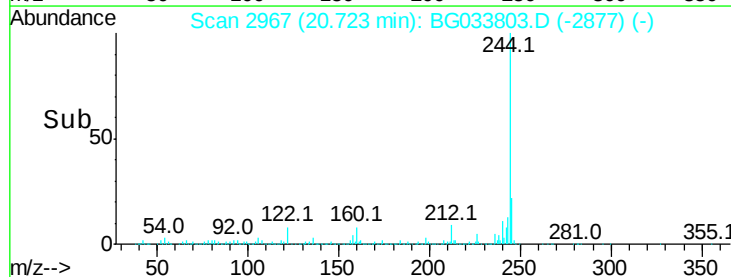
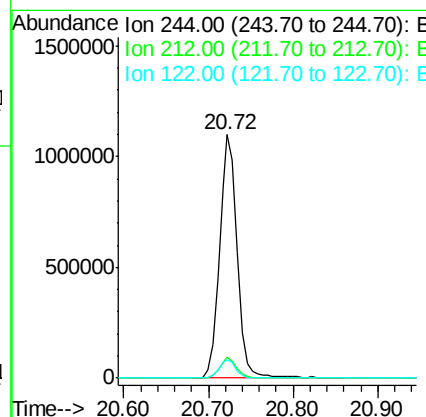
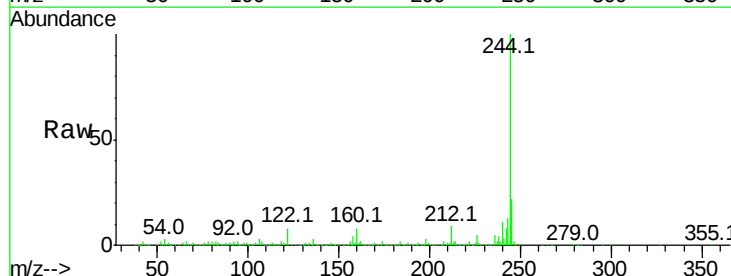
Instrument :
BNA_G
ClientSampleId :

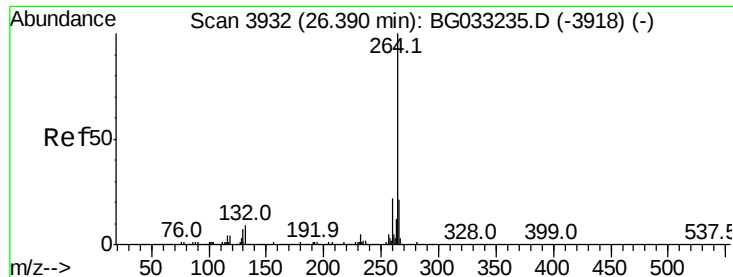
Tot Ion:184 Resp: 28279
Ion Ratio Lower Upper
184 100
185 19.3 11.1 16.7#
183 11.5 10.6 16.0



#78
Terphenyl-d14
Concen: 106.447 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Tgt Ion:244 Resp: 1619017
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 7.6 7.0 10.4

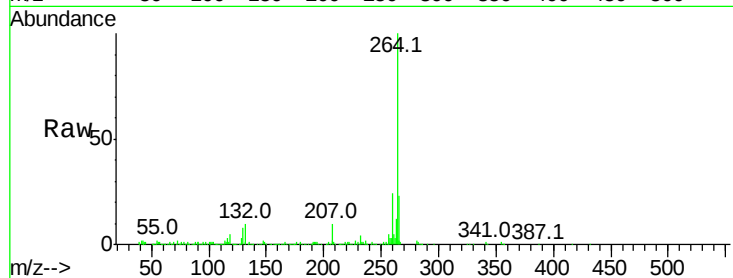




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BG033803.D
Acq: 13 Apr 2018 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.6	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

