

Data File : BG033396.D
Acq On : 28 Mar 2018 21:29
Operator : SJ/JU
Sample : J2098-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5

Quant Time: Mar 29 06:32:12 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	45447	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	193818	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	142772	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327809	20.00	ng	0.00
75) Chrysene-d12	22.56	240	341396	20.00	ng	0.00
86) Perylene-d12	26.33	264	376587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	134220	55.38	ng	0.01
7) Phenol-d6	7.99	99	130019	31.22	ng	0.00
23) Nitrobenzene-d5	10.07	82	322457	76.44	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	207409	97.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	788909	79.77	ng	0.00
78) Terphenyl-d14	20.73	244	1213941	76.04	ng	0.00
Target Compounds						
10) Phenol	8.02	94	9677	2.35	ng	83
19) n-Nitroso-di-n-propylamine	10.07	70	43515	14.26	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	18135	7.14	ng	# 19
53) 2,4-Dinitrophenol	15.59	184	59	7.68	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	18135	4.85	ng	# 17
66) 4-Bromophenyl-phenylether	16.96	248	16555	4.30	ng	# 1

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

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MW-5

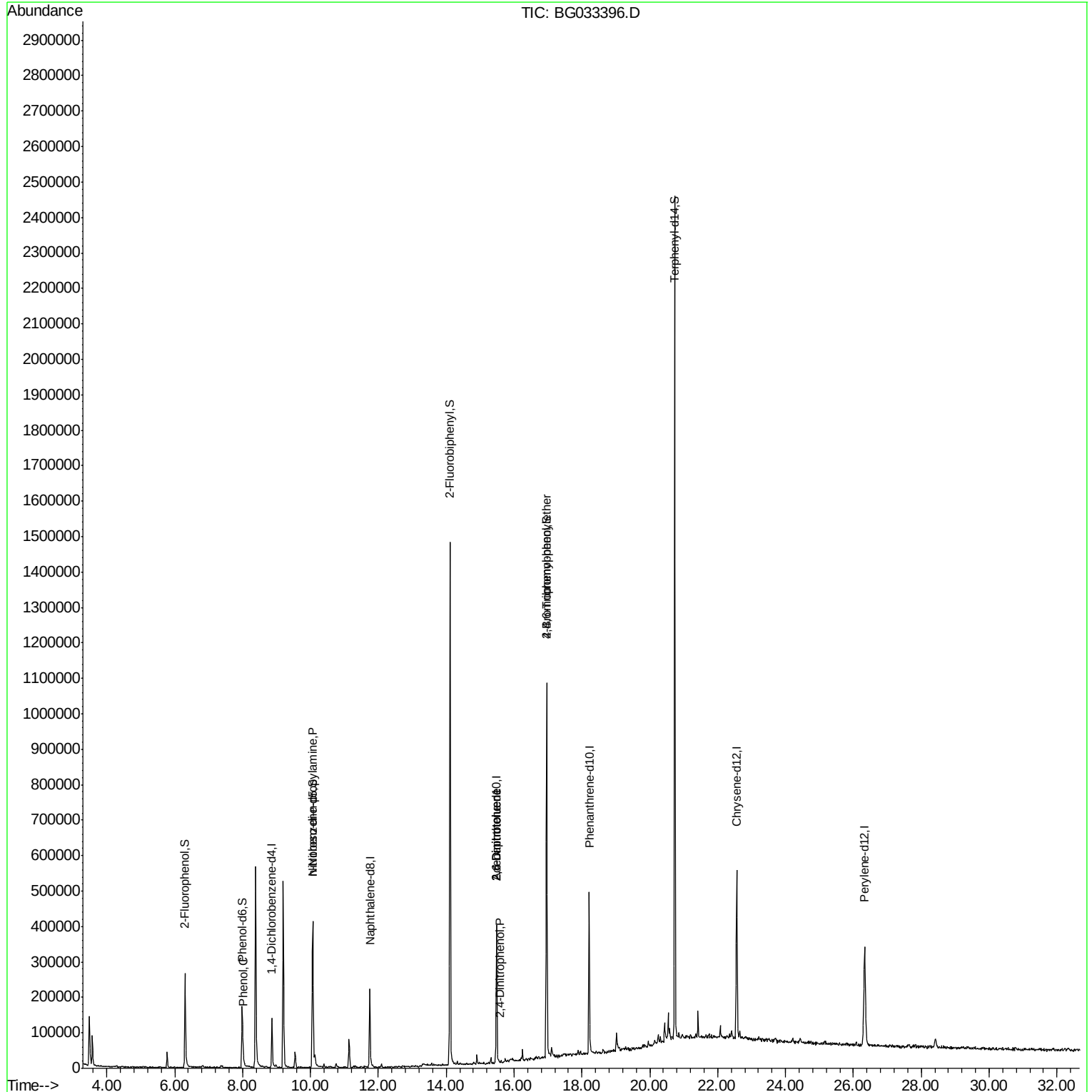
Quant Time: Mar 29 06:32:12 2018

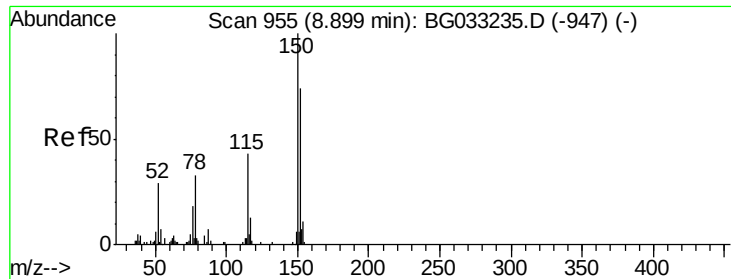
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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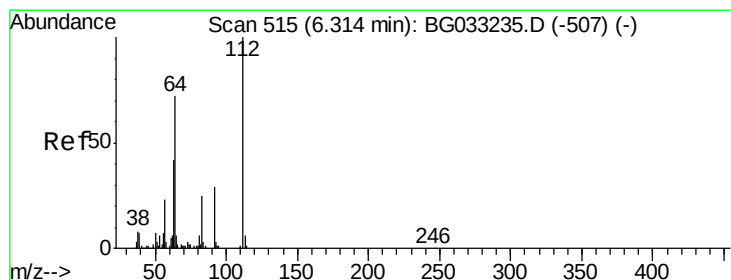
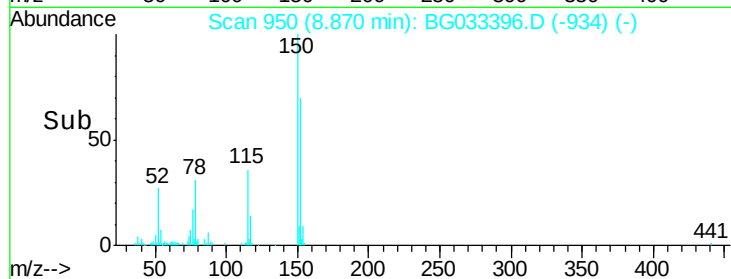
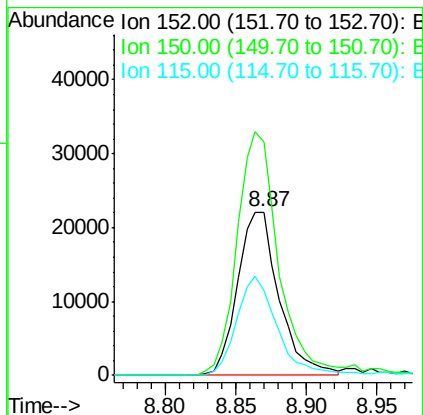
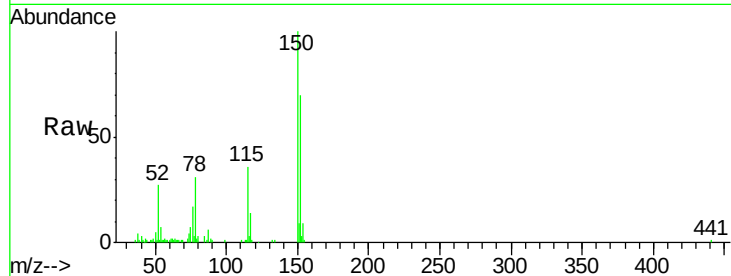


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

Instrument :
BNA_G
ClientSampleId :
MW-5

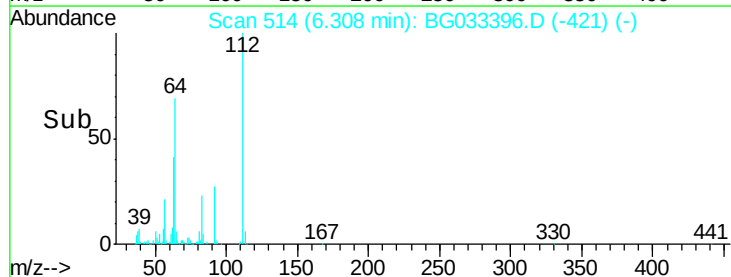
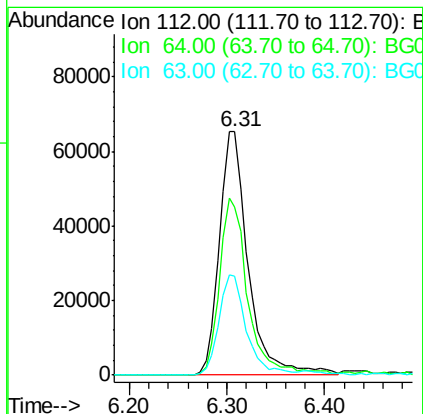
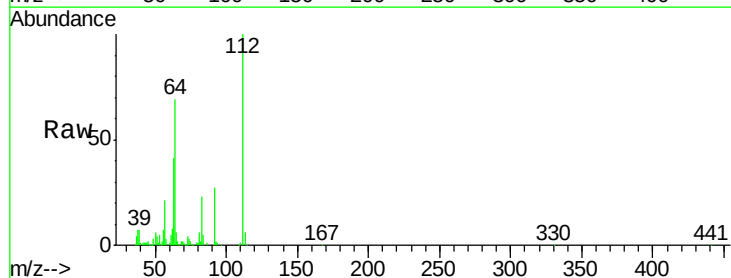
Tgt Ion:152 Resp: 45447
Ion Ratio Lower Upper
152 100
150 142.7 126.6 189.8
115 51.7 53.0 79.4#

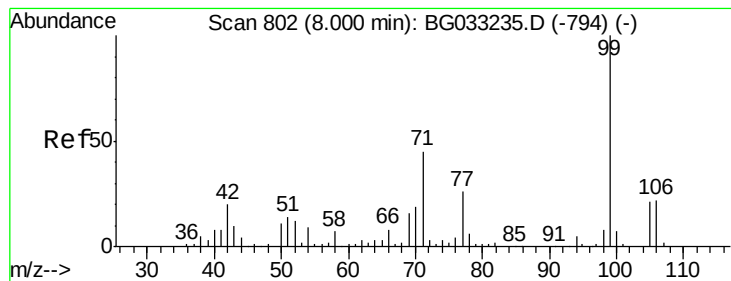


#5

2-Fluorophenol
Concen: 55.38 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.01 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

Tgt Ion:112 Resp: 134220
Ion Ratio Lower Upper
112 100
64 69.0 56.3 84.5
63 40.5 30.1 45.1





#7

Phenol-d6

Concen: 31.22 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033396.D

Acq: 28 Mar 2018 21:29

Instrument :

BNA_G

ClientSampleId :

MW-5

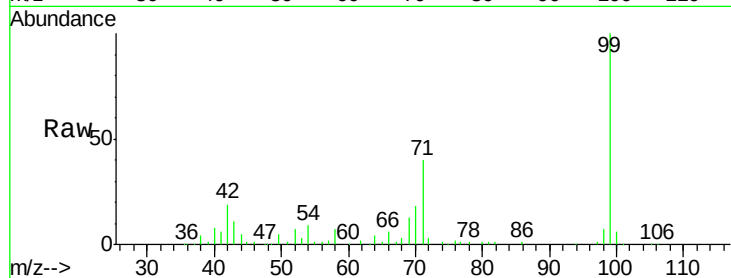
Tgt Ion: 99 Resp: 130019

Ion Ratio Lower Upper

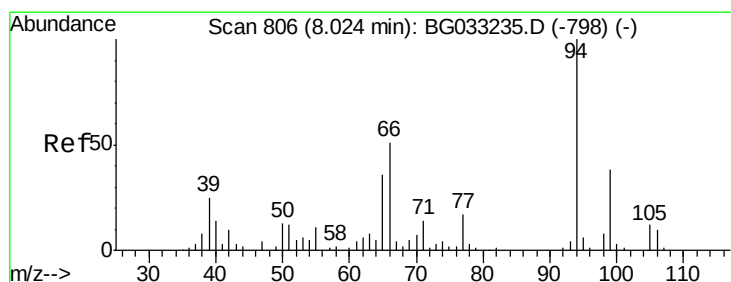
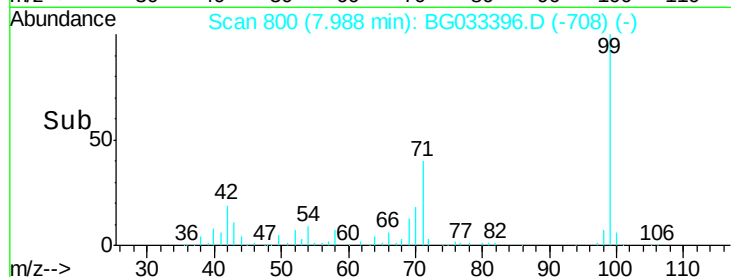
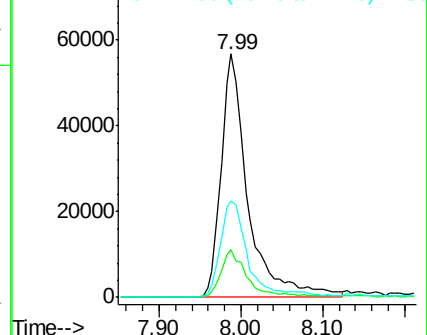
99 100

42 19.5 14.1 21.1

71 39.8 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



#10

Phenol

Concen: 2.35 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG033396.D

Acq: 28 Mar 2018 21:29

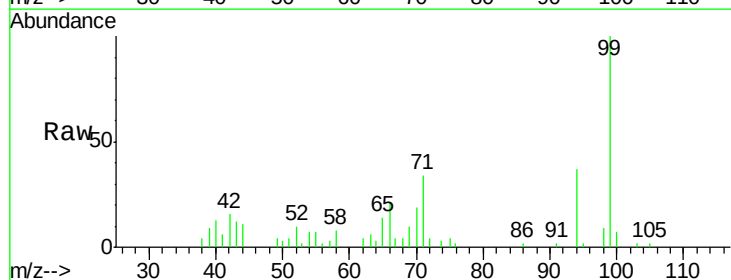
Tgt Ion: 94 Resp: 9677

Ion Ratio Lower Upper

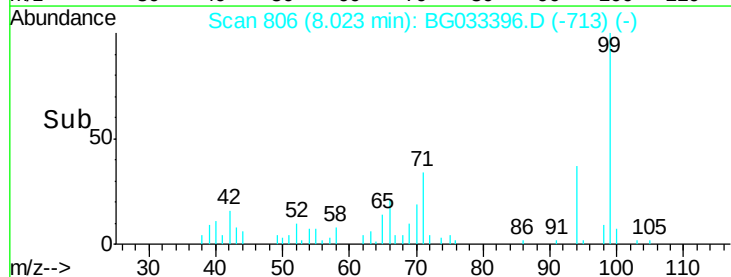
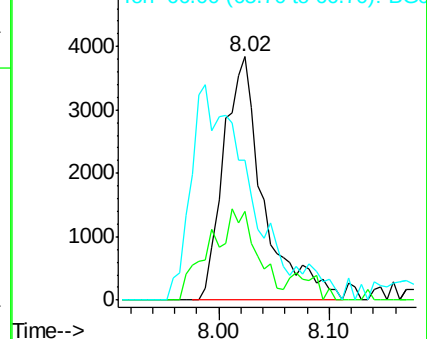
94 100

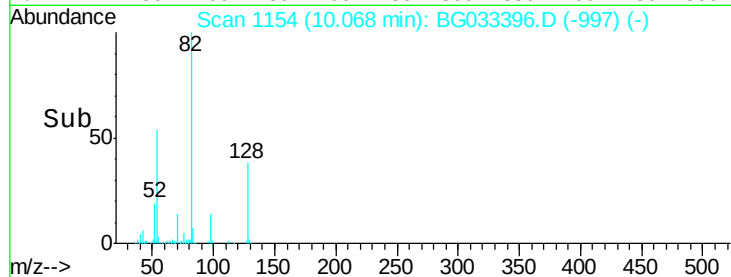
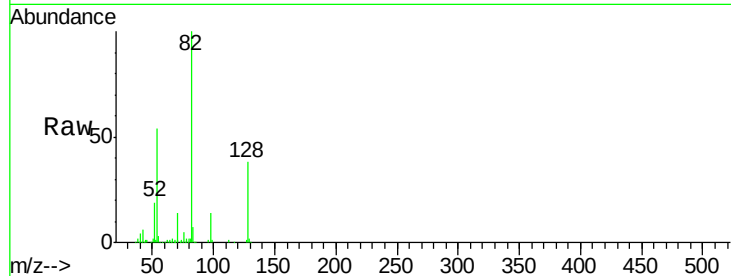
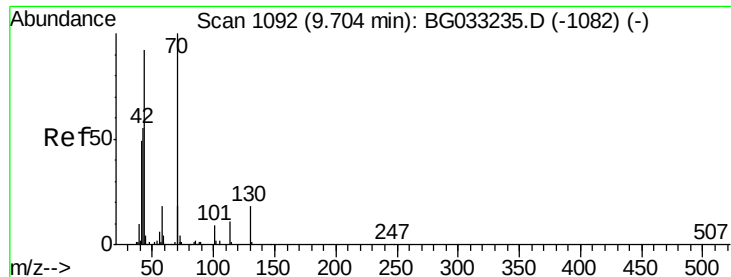
65 36.6 11.9 51.9

66 57.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

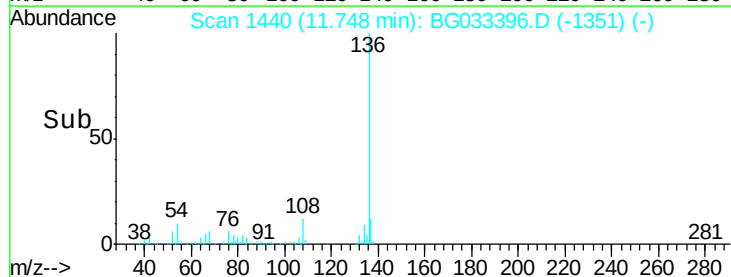
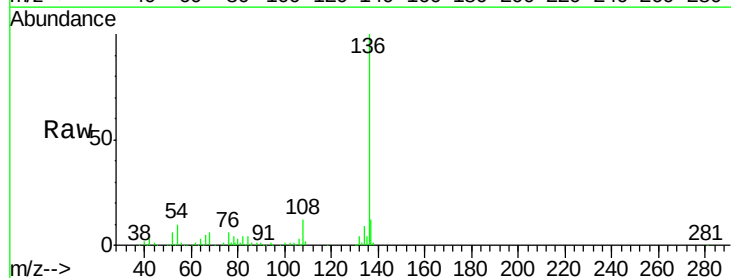
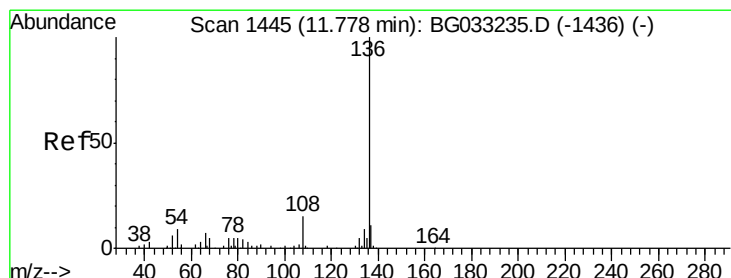
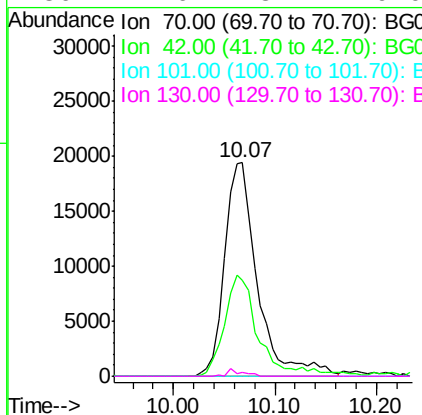




#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

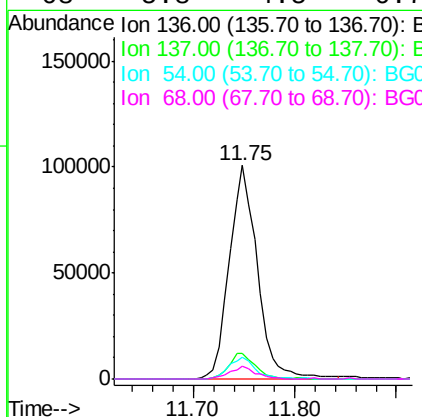
Instrument :
BNA_G
ClientSampleId :
MW-5

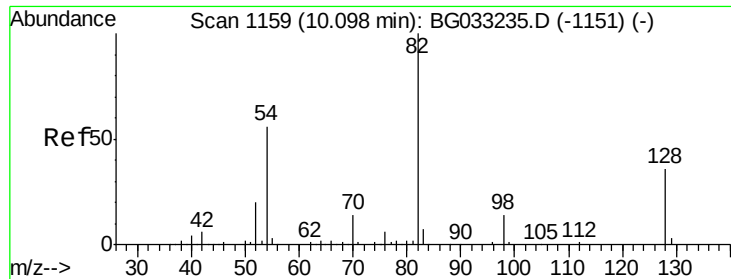
Tgt Ion:	70	Resp:	43515
Ion Ratio	Lower	Upper	
70	100		
42	45.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

Tgt Ion:	136	Resp:	193818
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	10.3	10.3	15.5#
68	5.8	4.5	6.7

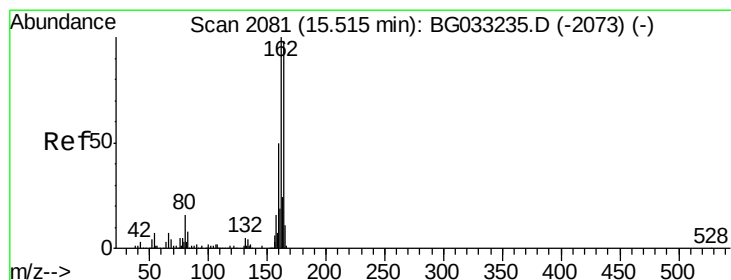
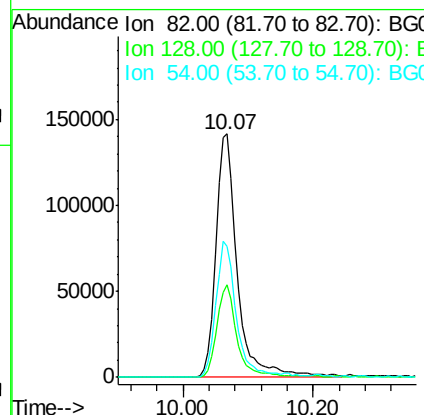
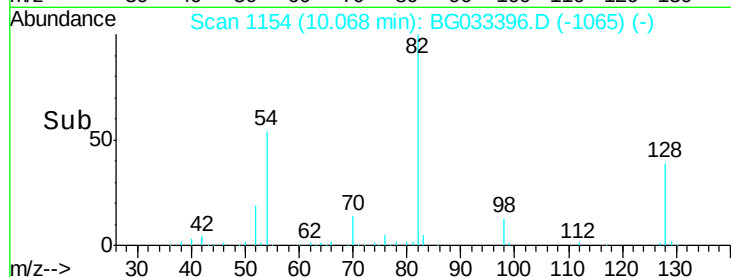
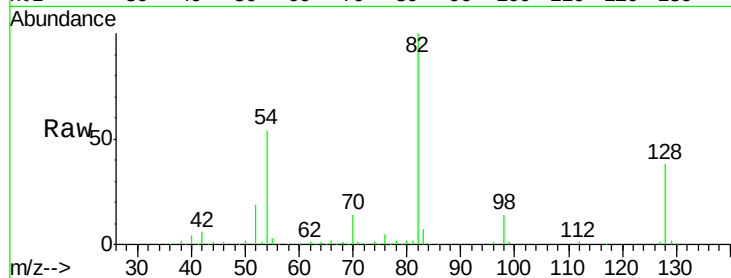




#23
Nitrobenzene-d5
Concen: 76.44 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

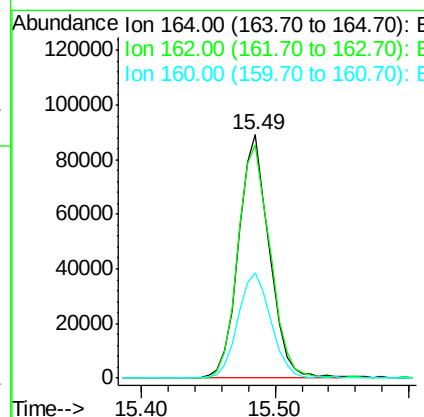
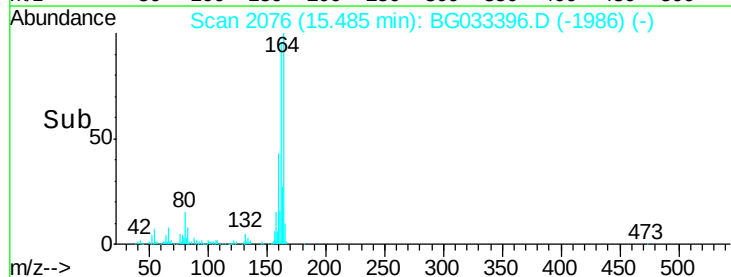
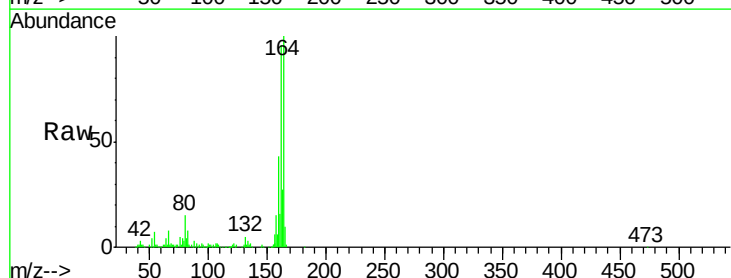
Instrument :
BNA_G
ClientSampleId :
MW-5

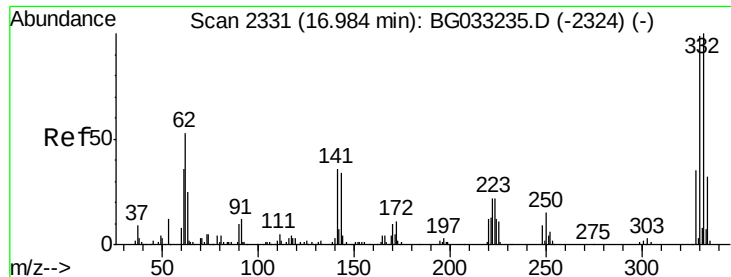
Tgt Ion: 82 Resp: 322457
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 53.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

Tgt Ion: 164 Resp: 142772
Ion Ratio Lower Upper
164 100
162 96.0 78.8 118.2
160 43.1 35.4 53.0

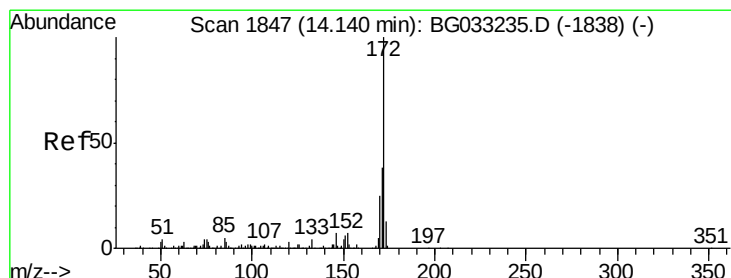
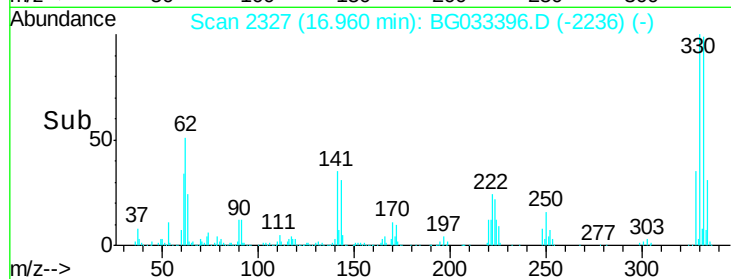
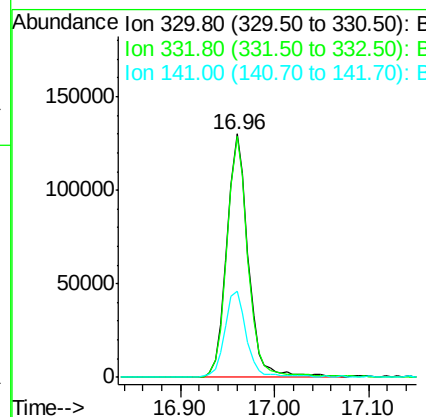
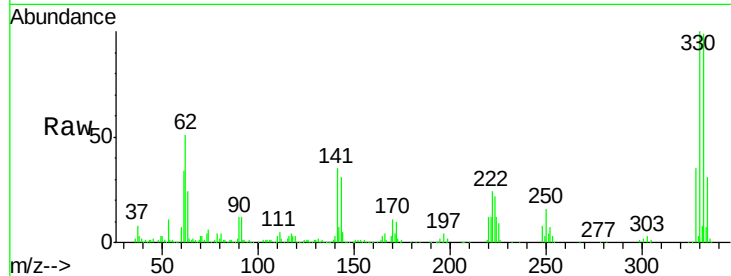




#41
 2,4,6-Tribromophenol
 Concen: 97.13 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

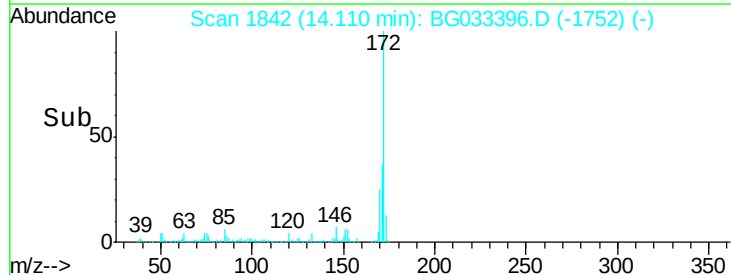
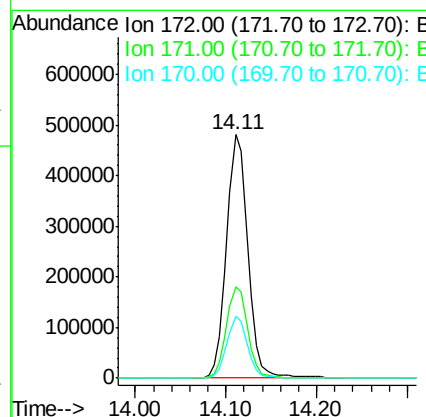
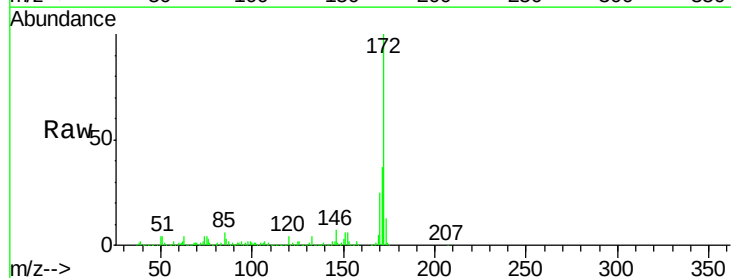
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

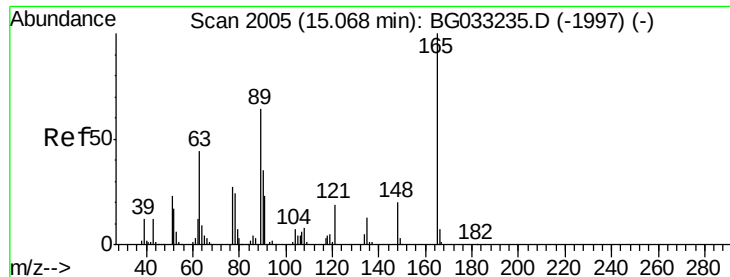
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 79.77 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.2	19.5	29.3

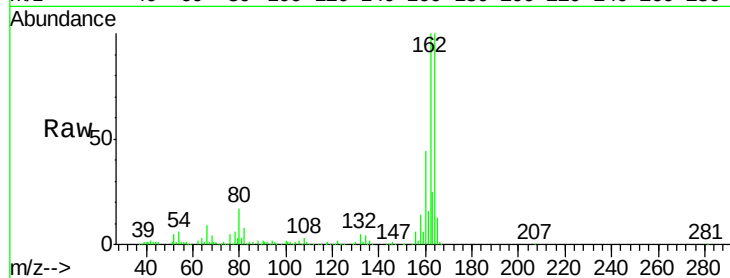




#50
 2,6-Dinitrotoluene
 Concen: 7.14 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

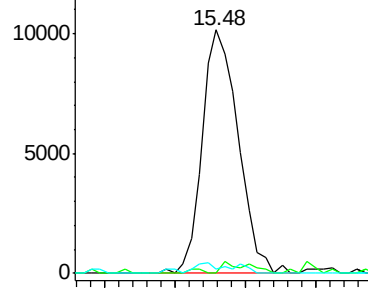
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.5	49.2	73.8#



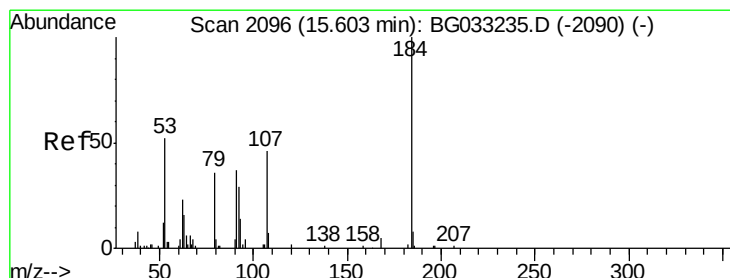
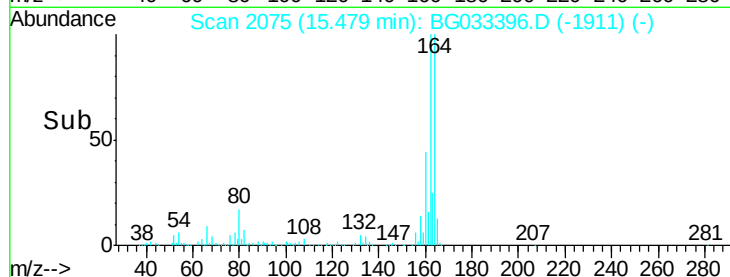
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

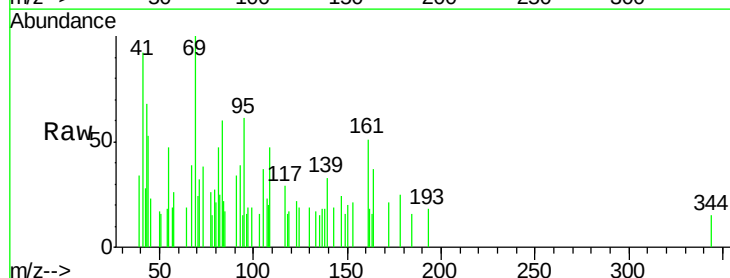


Time-->



#53
 2,4-Dinitrophenol
 Concen: 7.68 ng
 RT: 15.59 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

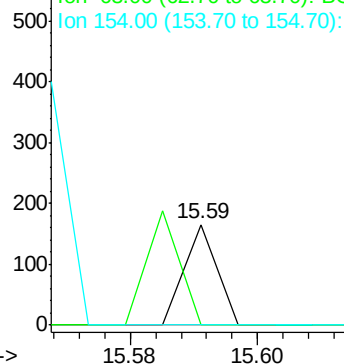
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



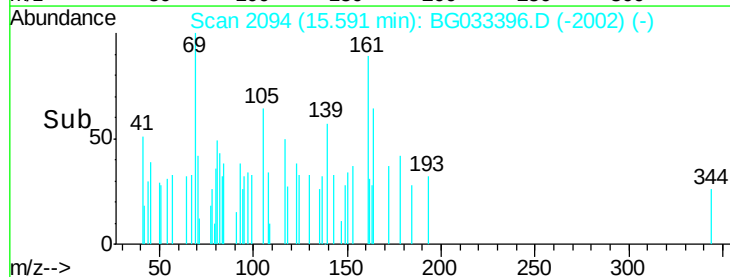
Abundance Ion 184.00 (183.70 to 184.70): E

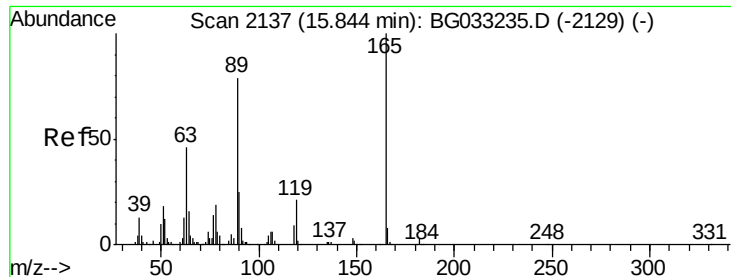
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



Time-->

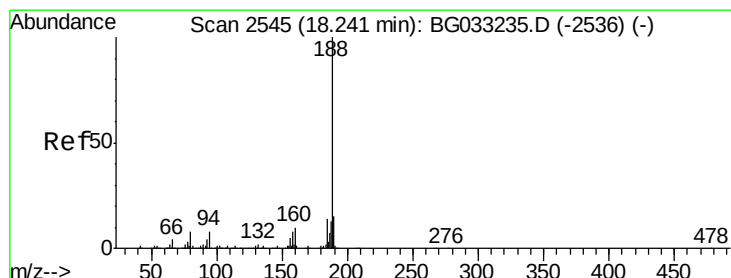
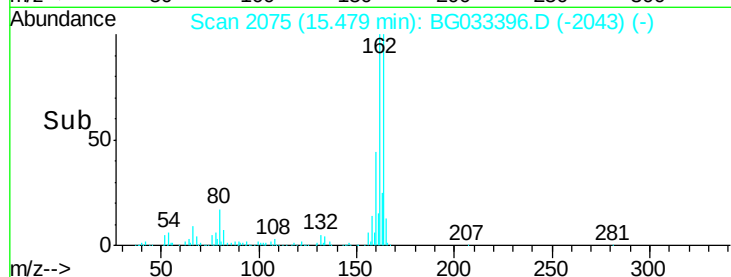
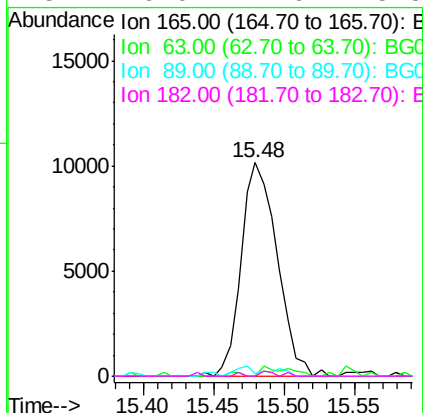
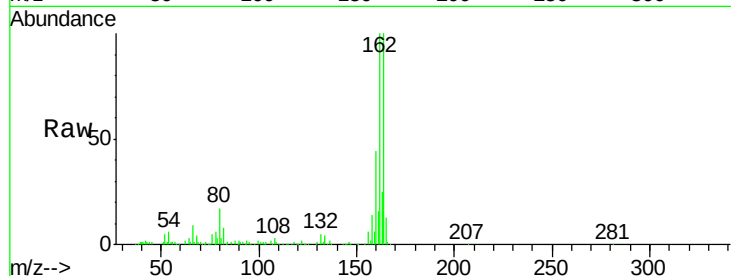




#56
 2,4-Dinitrotoluene
 Concen: 4.85 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

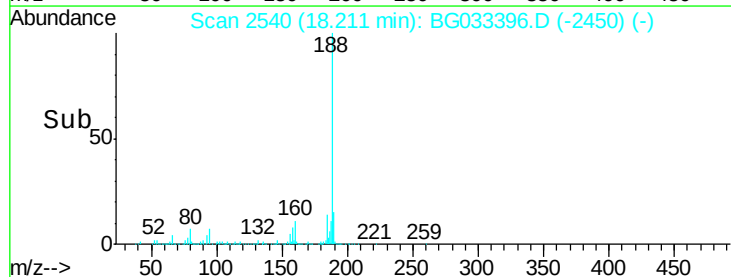
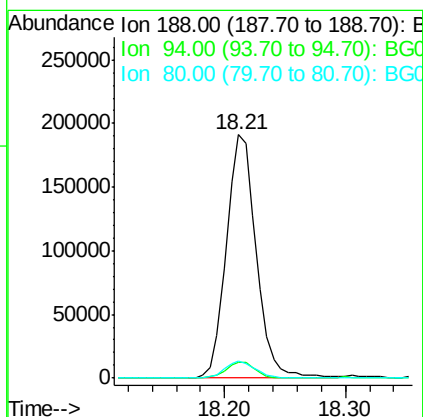
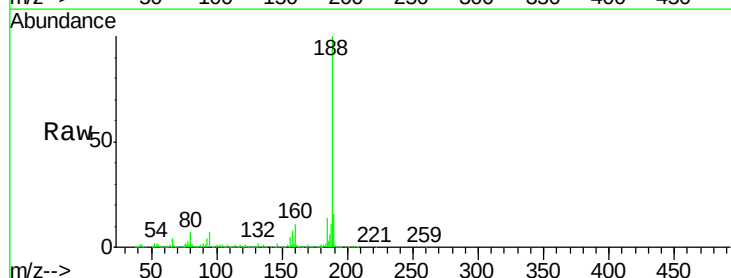
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

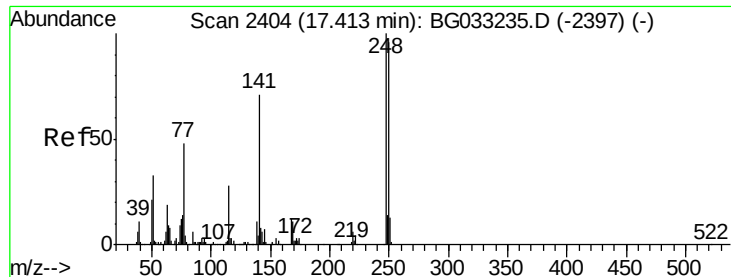
Tgt Ion:	165	Resp:	18135
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033396.D
 Acq: 28 Mar 2018 21:29

Tgt Ion:	188	Resp:	327809
Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	6.8	7.7	11.5#

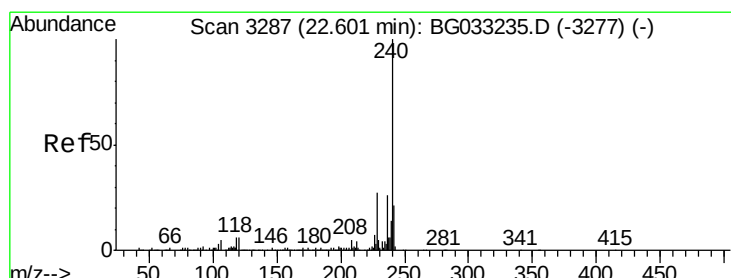
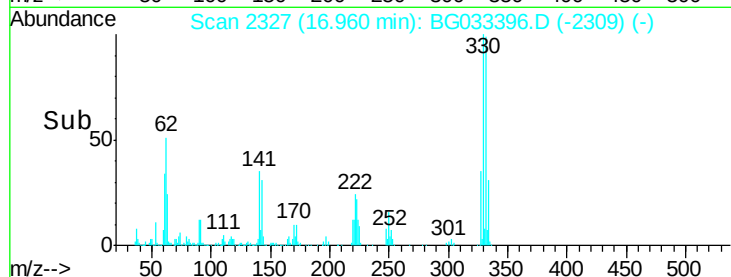
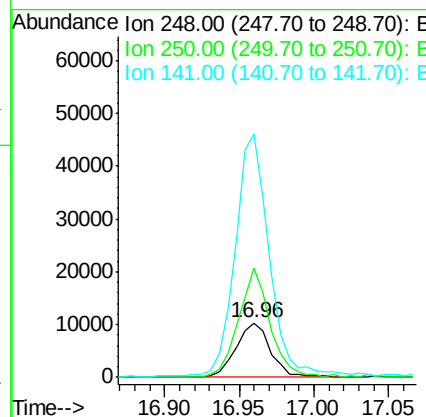
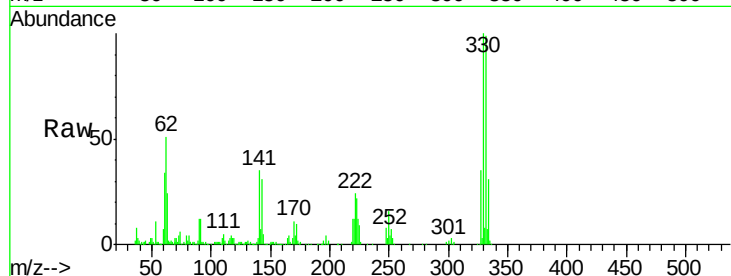




#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

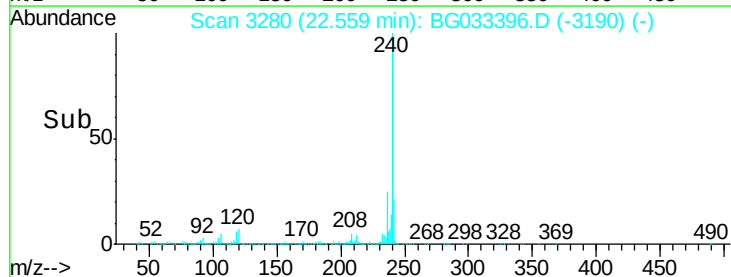
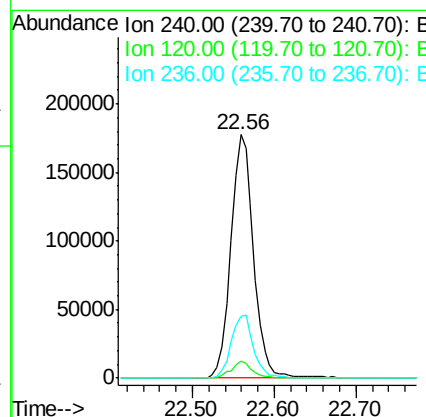
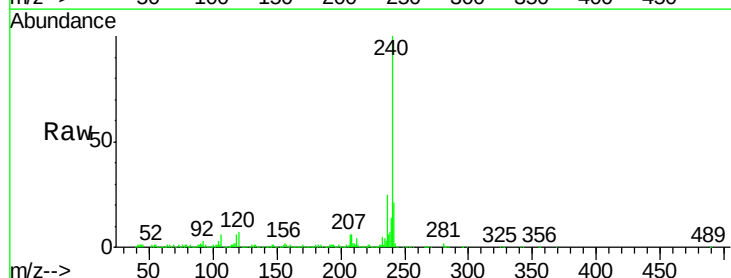
Instrument :
BNA_G
ClientSampleId :
MW-5

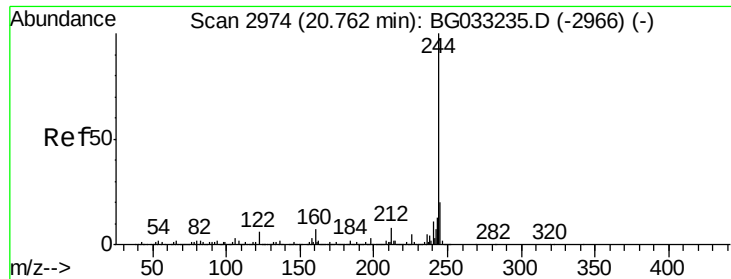
Tgt Ion:248 Resp: 16555
Ion Ratio Lower Upper
248 100
250 199.6 77.1 115.7#
141 446.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033396.D
Acq: 28 Mar 2018 21:29

Tgt Ion:240 Resp: 341396
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 76.04 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033396.D

Acq: 28 Mar 2018 21:29

Instrument :

BNA_G

ClientSampleId :

MW-5

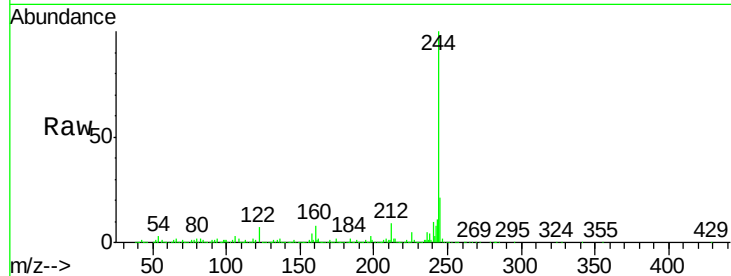
Tgt Ion:244 Resp: 1213941

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

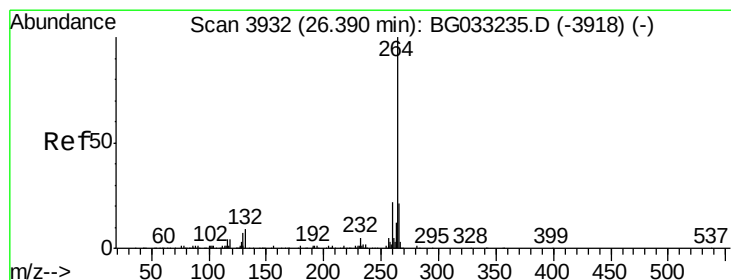
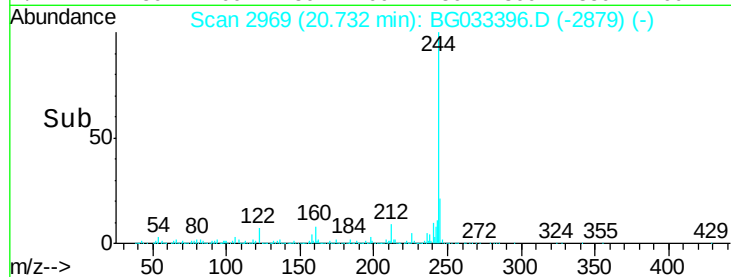
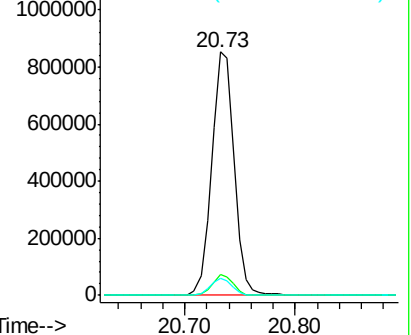
122 7.1 7.0 10.4



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: 20.00 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033396.D

Acq: 28 Mar 2018 21:29

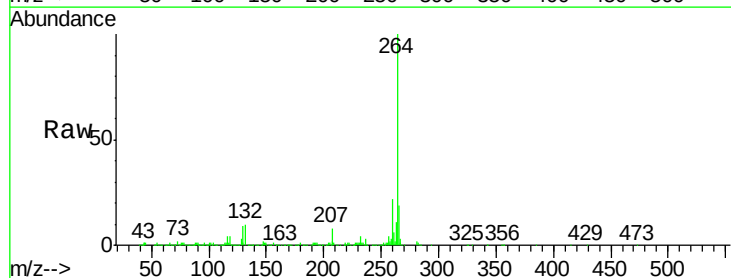
Tgt Ion:264 Resp: 376587

Ion Ratio Lower Upper

264 100

260 22.4 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

