

Data File : BG033395.D
Acq On : 28 Mar 2018 20:51
Operator : SJ/JU
Sample : J2097-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-3

Quant Time: Mar 29 06:31:55 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	42828	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	179022	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	135893	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	311260	20.00	ng	0.00
75) Chrysene-d12	22.56	240	334386	20.00	ng	0.00
86) Perylene-d12	26.33	264	369977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	120388	52.71	ng	0.01
7) Phenol-d6	7.99	99	108573	27.67	ng	0.01
23) Nitrobenzene-d5	10.06	82	314043	80.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	200985	98.89	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	790478	83.98	ng	0.00
78) Terphenyl-d14	20.73	244	1110310	71.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	41985	14.60	ng	# 75
49) Dimethylphthalate	14.91	163	24747	2.09	ng	96
50) 2,6-Dinitrotoluene	15.48	165	18133	7.50	ng	# 20
53) 2,4-Dinitrophenol	15.74	184	69	7.69	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	18134	5.09	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	15133	4.14	ng	# 1

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

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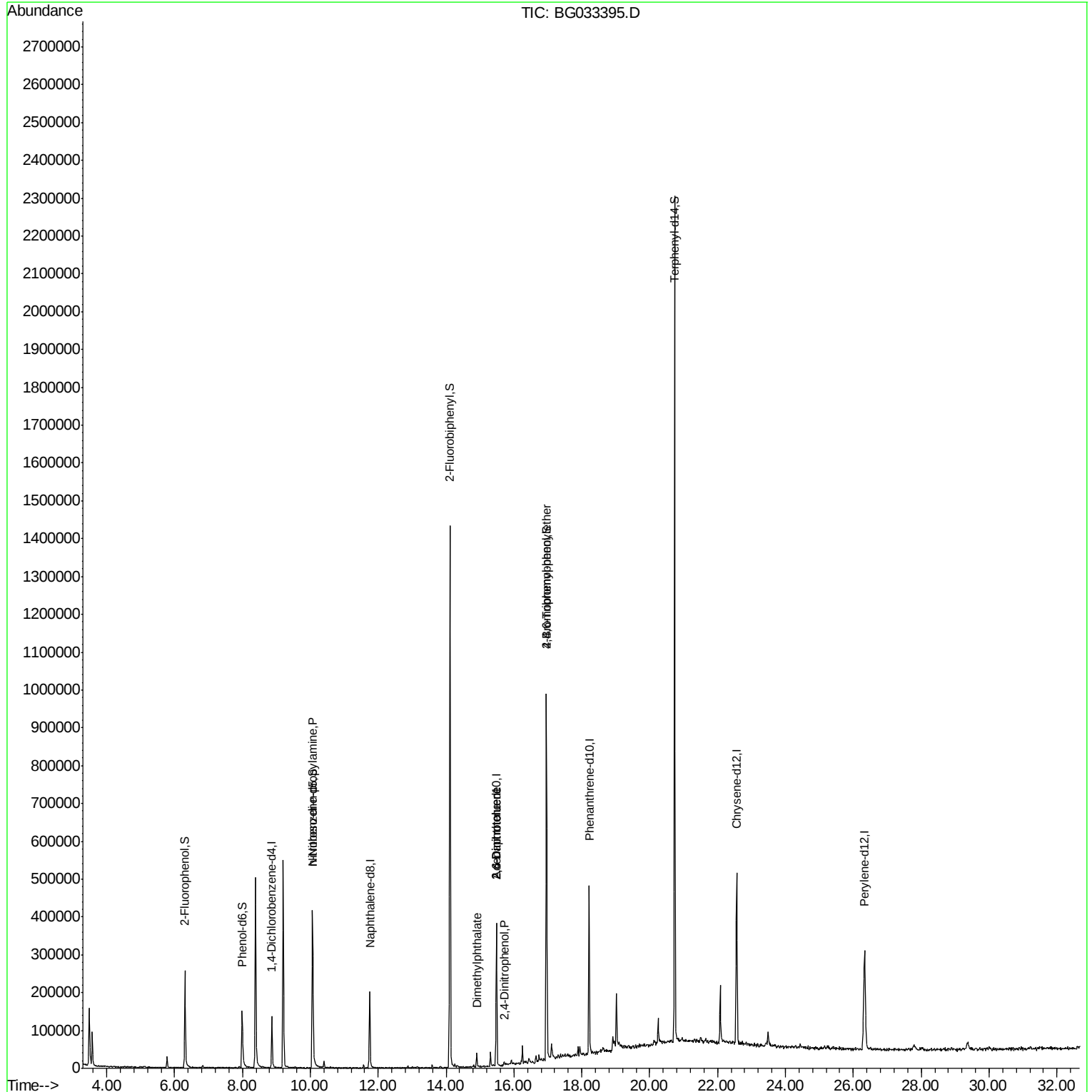
Quant Time: Mar 29 06:31:55 2018

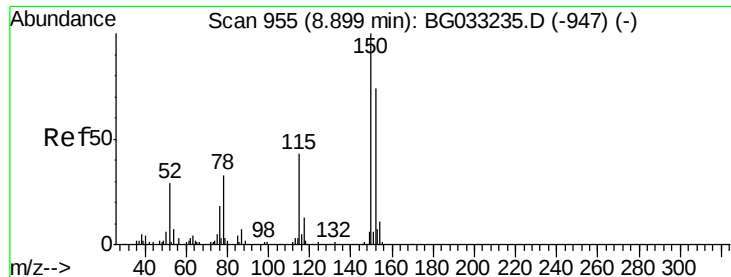
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

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QLast Update : Wed Mar 28 18:34:58 2018

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033395.D

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Instrument :

BNA_G

ClientSampleId :

PZ-3

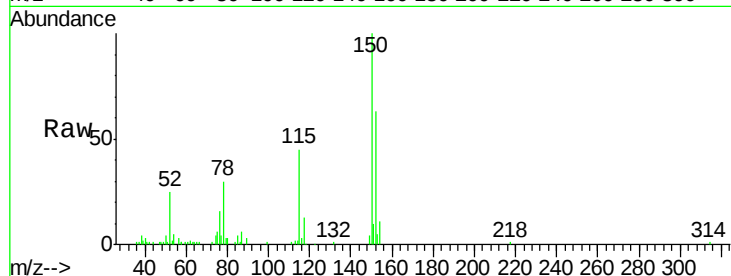
Tgt Ion:152 Resp: 42828

Ion Ratio Lower Upper

152 100

150 158.1 126.6 189.8

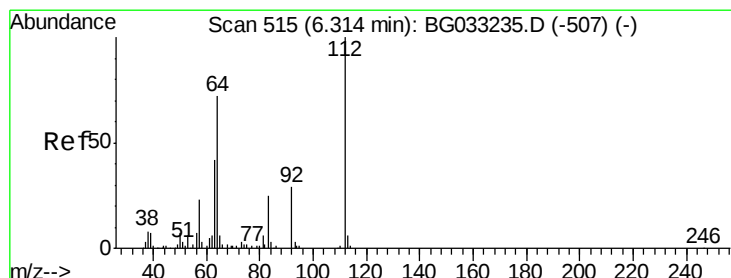
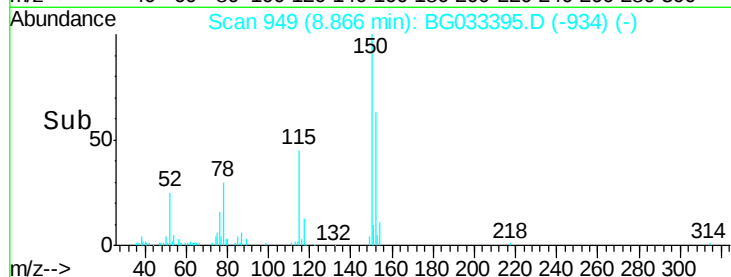
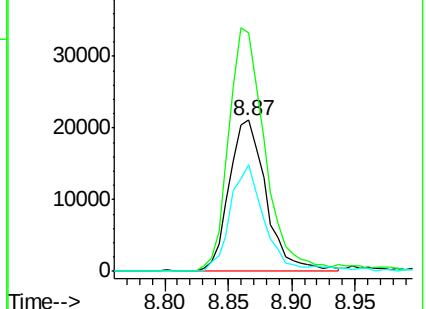
115 70.4 53.0 79.4



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: 52.71 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033395.D

Acq: 28 Mar 2018 20:51

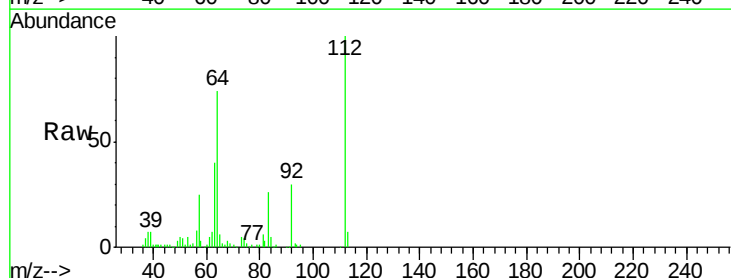
Tgt Ion:112 Resp: 120388

Ion Ratio Lower Upper

112 100

64 73.7 56.3 84.5

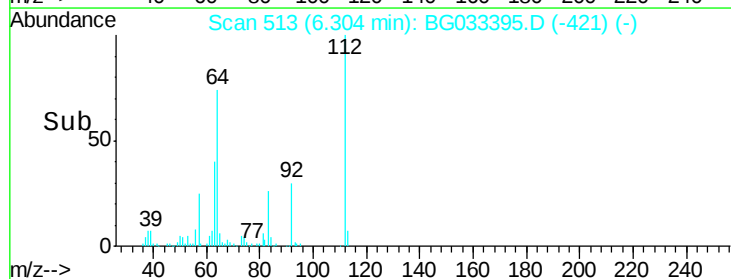
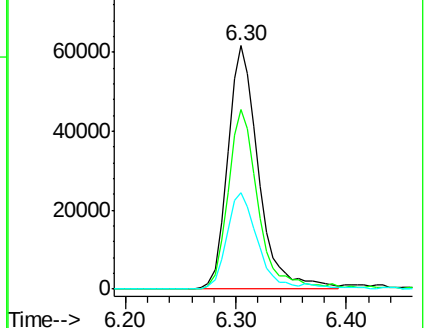
63 39.7 30.1 45.1

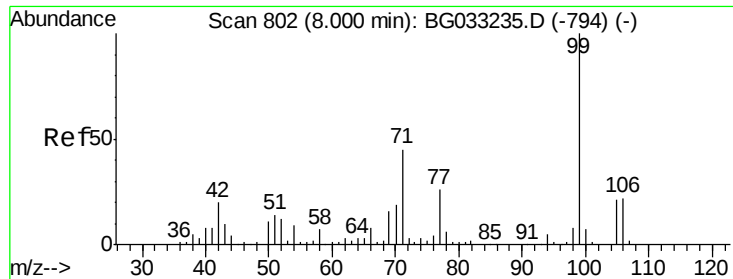


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.67 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

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Acq: 28 Mar 2018 20:51

Instrument :

BNA_G

ClientSampleId :

PZ-3

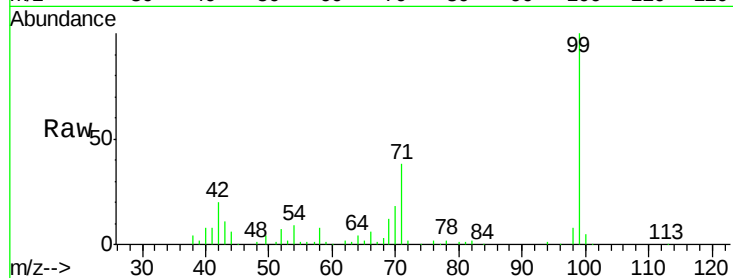
Tgt Ion: 99 Resp: 108573

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

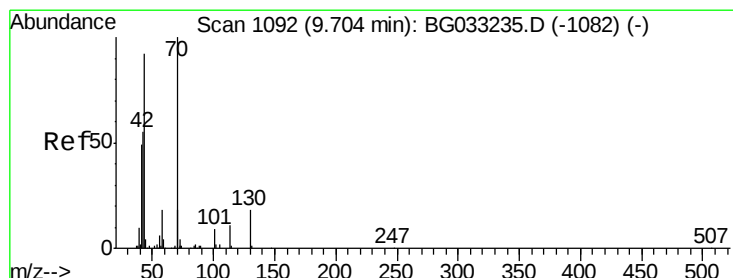
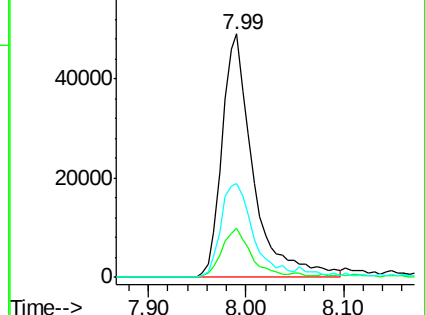
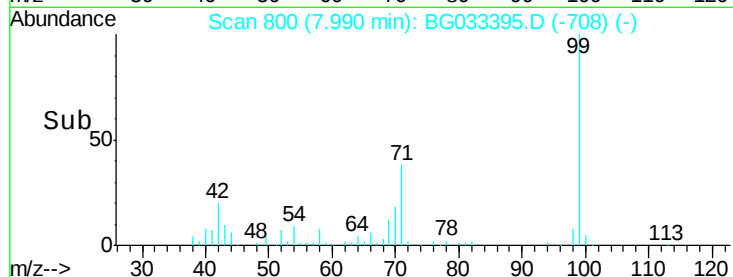
71 38.3 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.60 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033395.D

Acq: 28 Mar 2018 20:51

Tgt Ion: 70 Resp: 41985

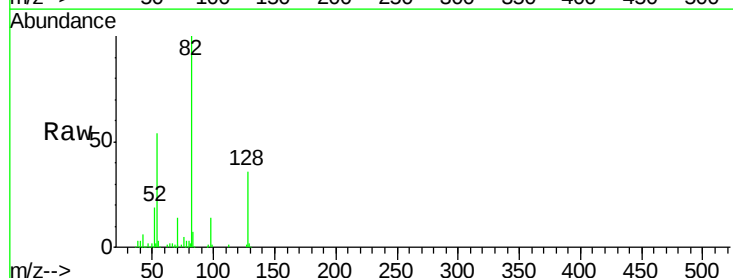
Ion Ratio Lower Upper

70 100

42 44.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.8 13.4 20.0#

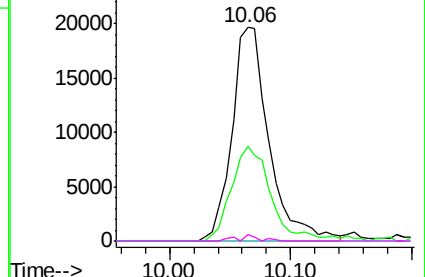
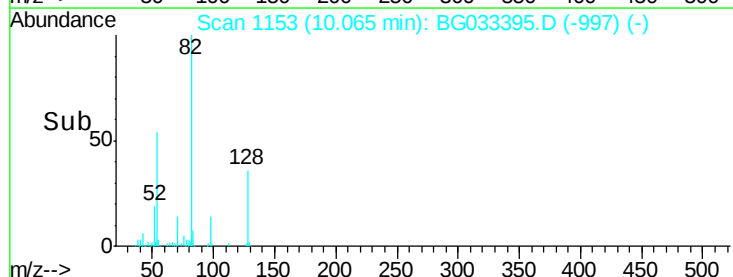


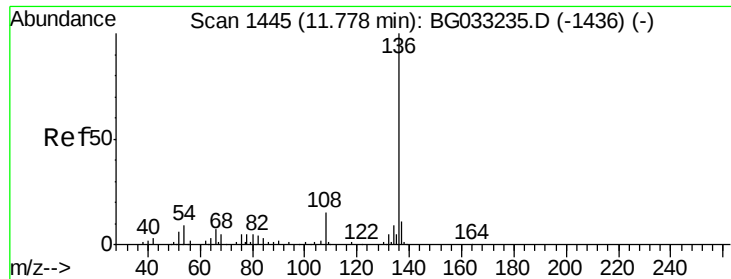
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

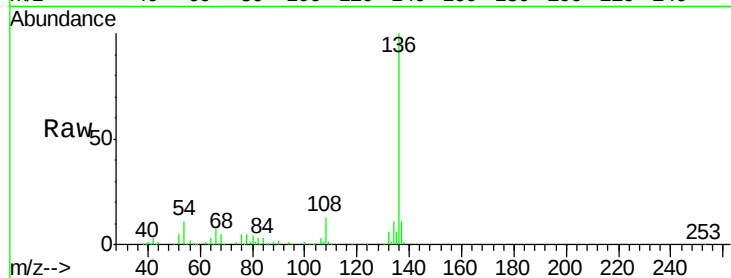




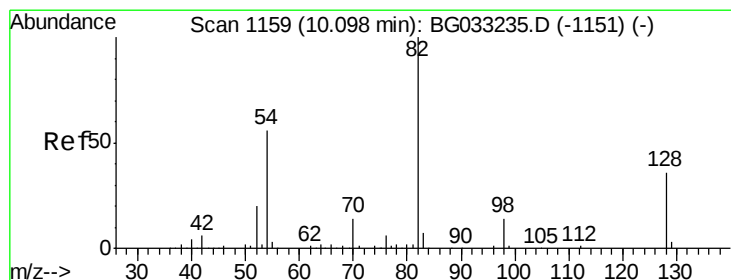
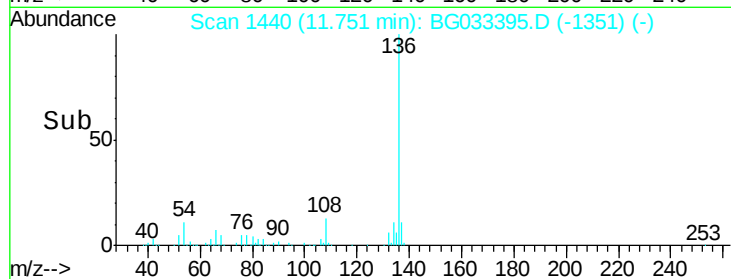
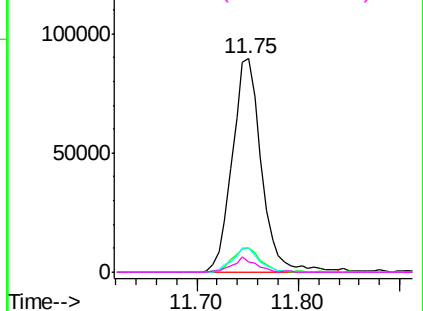
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033395.D
Acq: 28 Mar 2018 20:51

Instrument :
BNA_G
ClientSampled :
PZ-3

Tgt Ion:	136	Resp:	179022
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	11.4	10.3	15.5
68	5.1	4.5	6.7

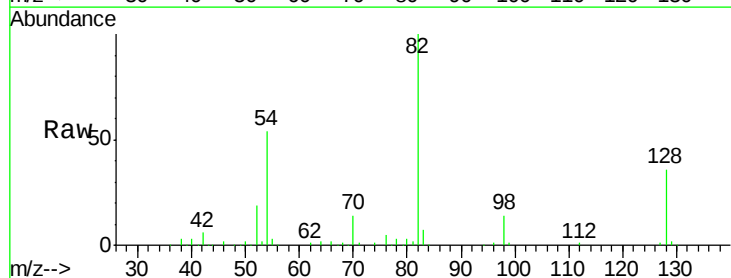


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

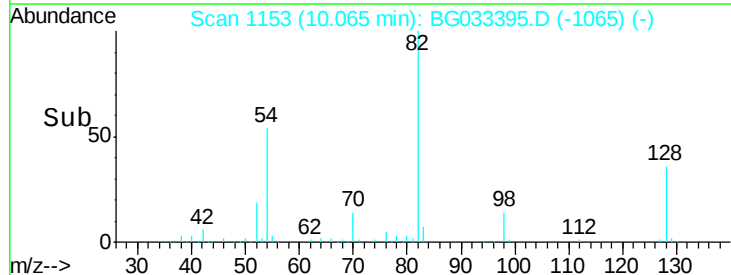
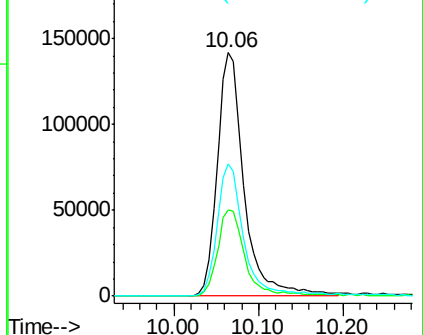


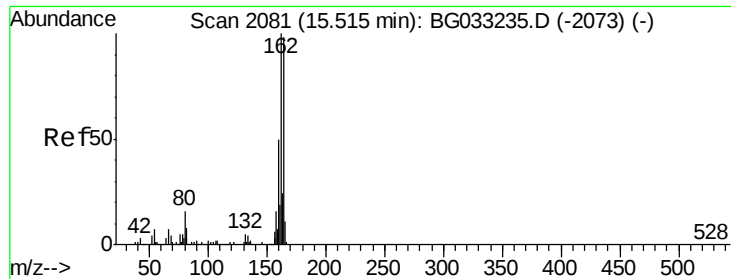
#23
Nitrobenzene-d5
Concen: 80.60 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033395.D
Acq: 28 Mar 2018 20:51

Tgt Ion:	82	Resp:	314043
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	54.4	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

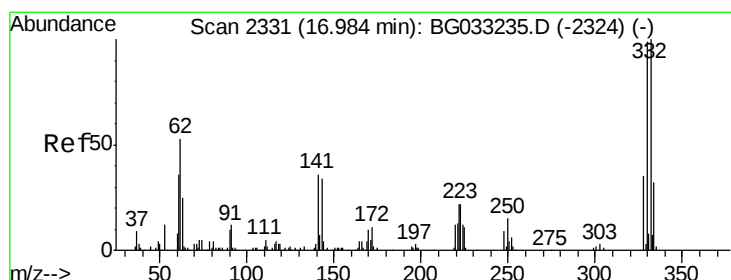
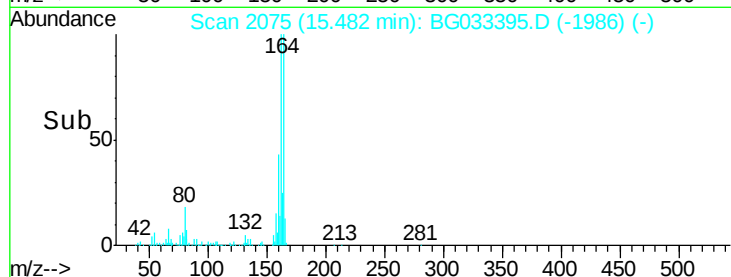
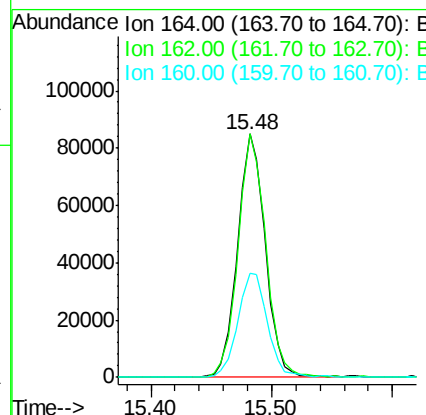
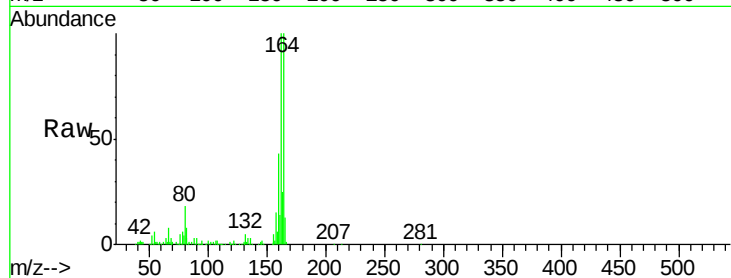




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

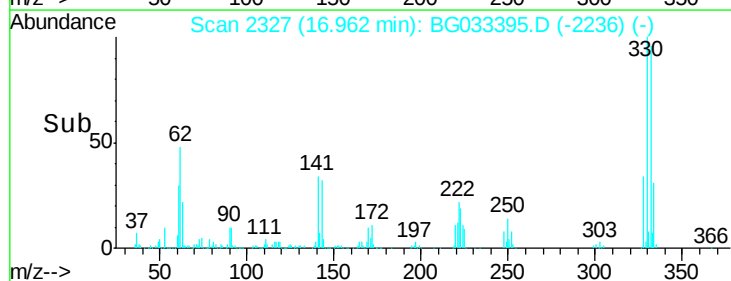
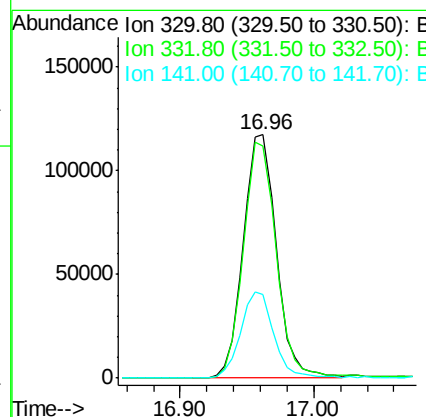
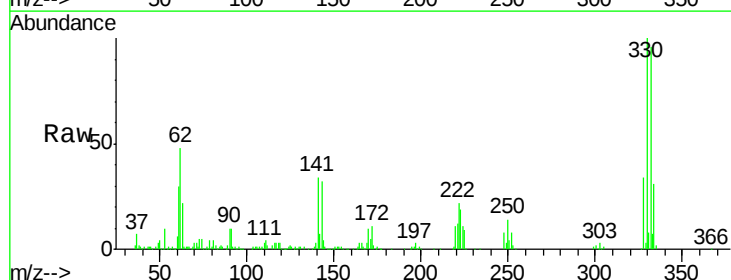
Instrument :
 BNA_G
 ClientSampled :
 PZ-3

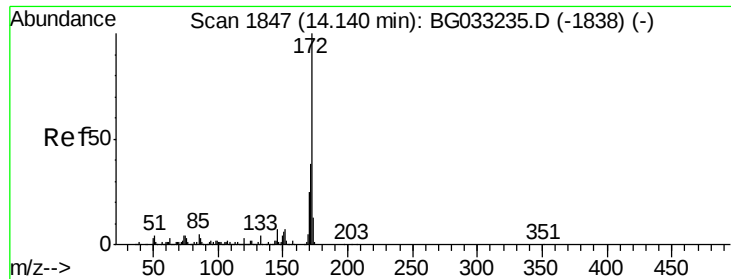
Tgt Ion:164 Resp: 135893
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.8 118.2
 160 42.6 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 98.89 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

Tgt Ion:330 Resp: 200985
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 35.5 25.2 37.8

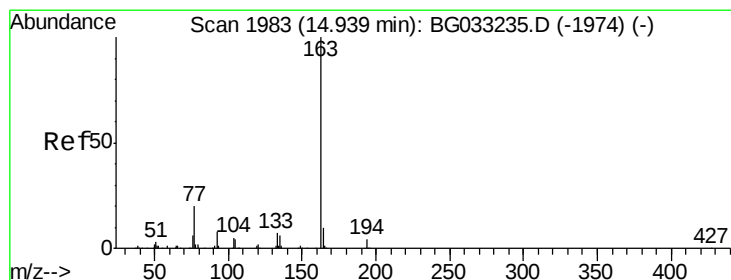
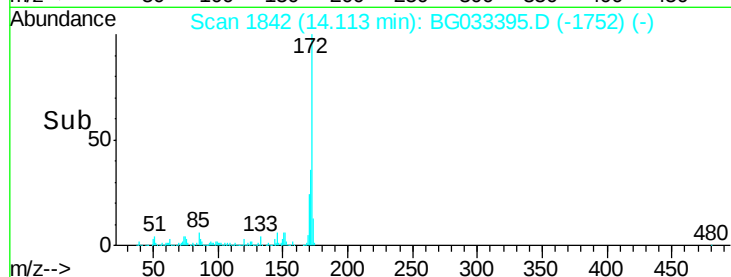
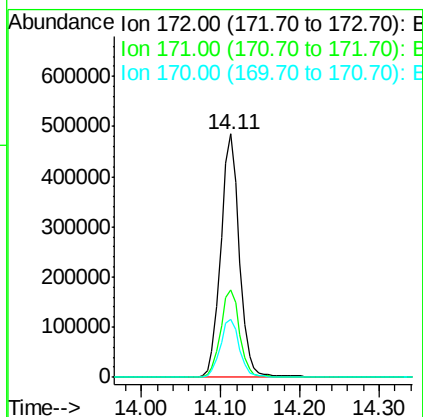
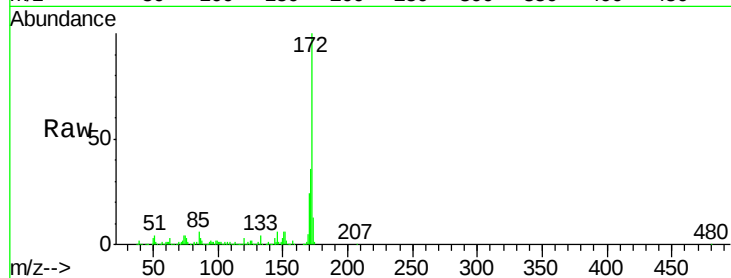




#44
 2-Fluorobiphenyl
 Concen: 83.98 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

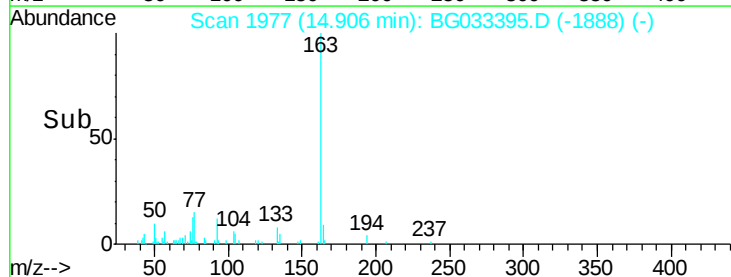
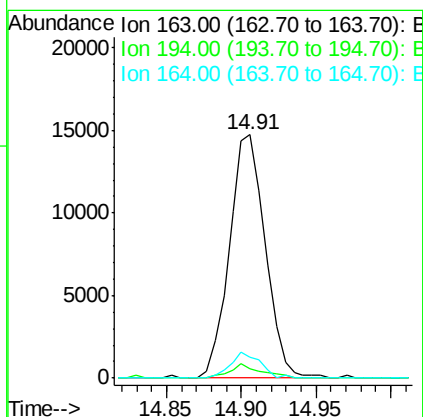
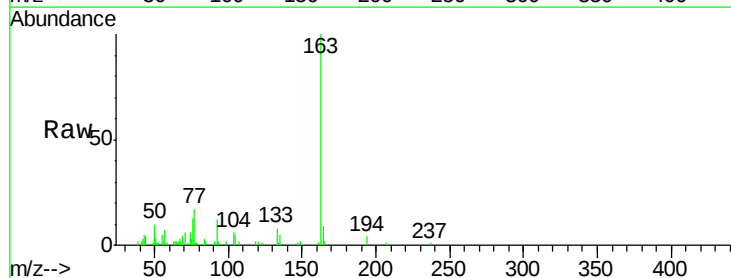
Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

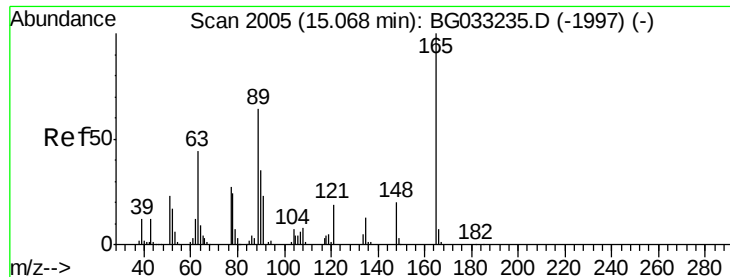
Tgt Ion:172 Resp: 790478
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 23.8 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.09 ng
 RT: 14.91 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

Tgt Ion:163 Resp: 24747
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.4 5.2
 164 8.7 8.2 12.4

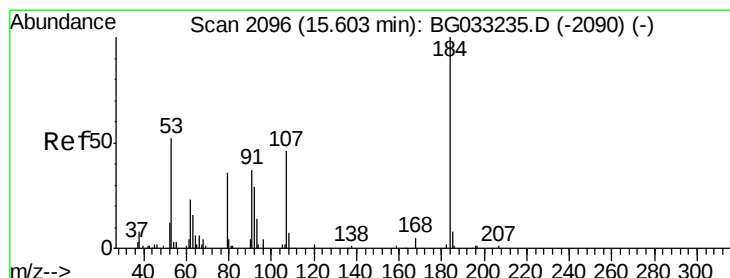
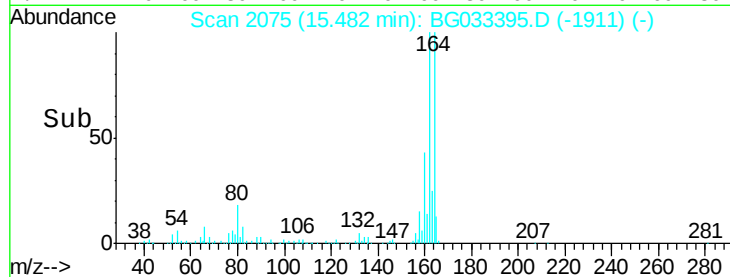
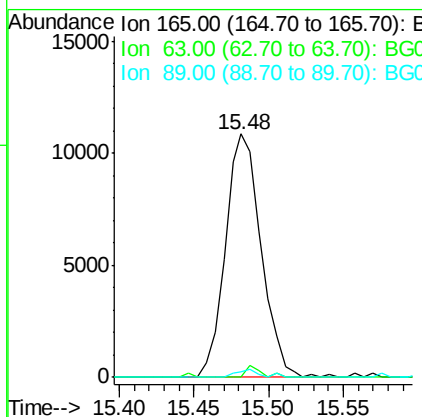
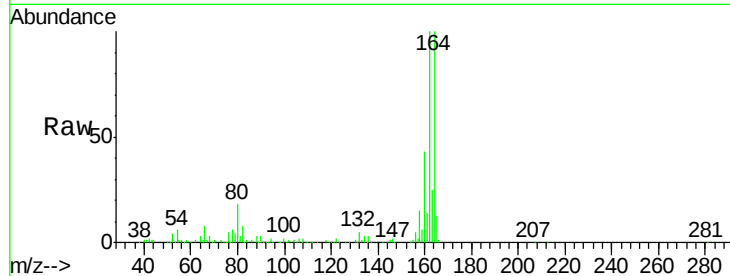




#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

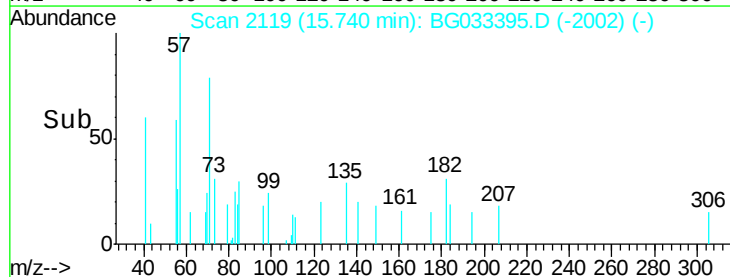
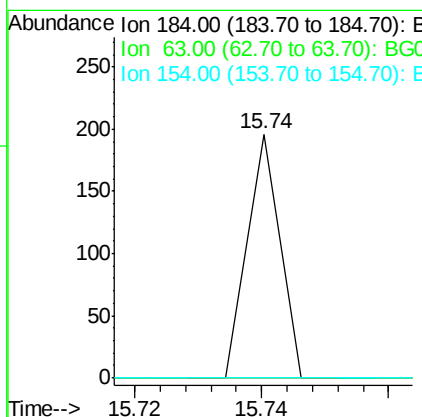
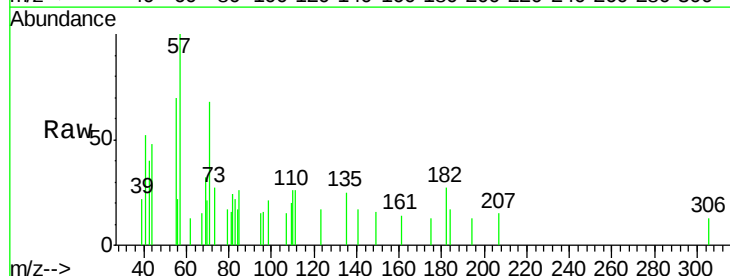
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. 0.16 min
 Lab File: BG033395.D
 Acq: 28 Mar 2018 20:51

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

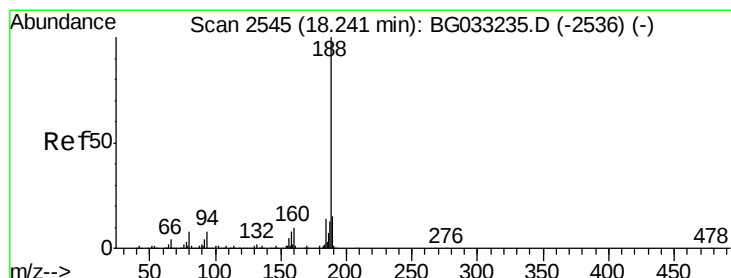
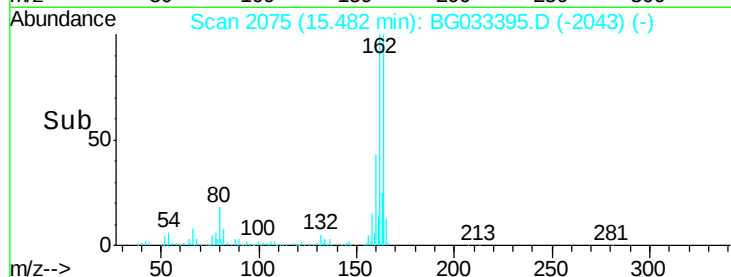
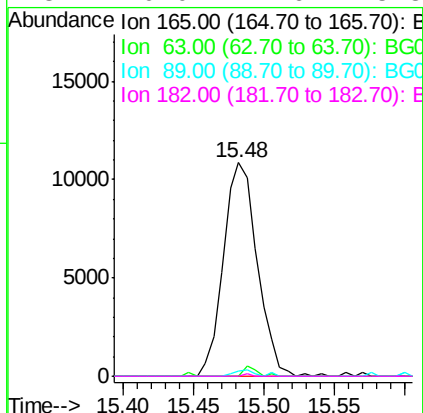
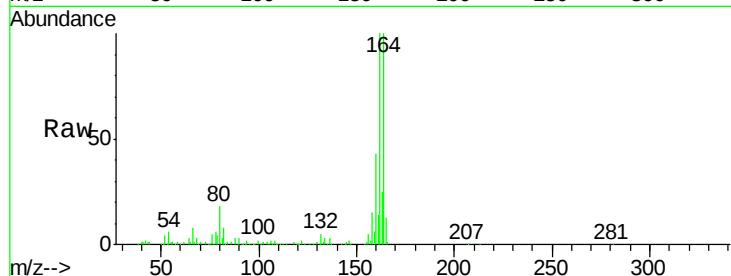




#56
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033395.D
Acq: 28 Mar 2018 20:51

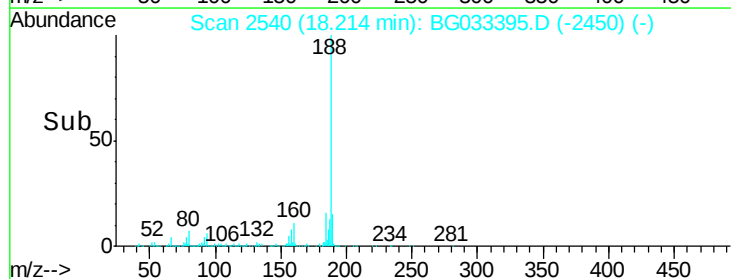
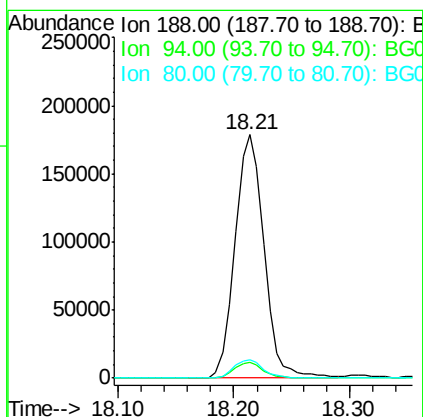
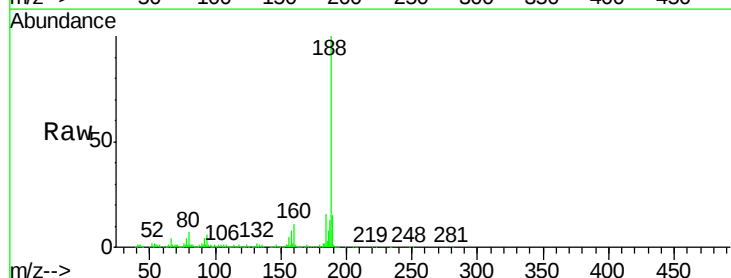
Instrument :
BNA_G
ClientSampleId :
PZ-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	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: BG033395.D
Acq: 28 Mar 2018 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	7.7	11.5#

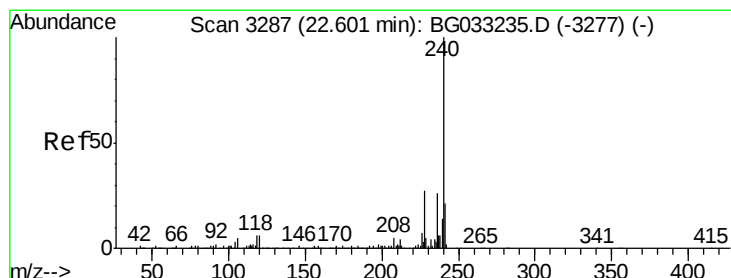
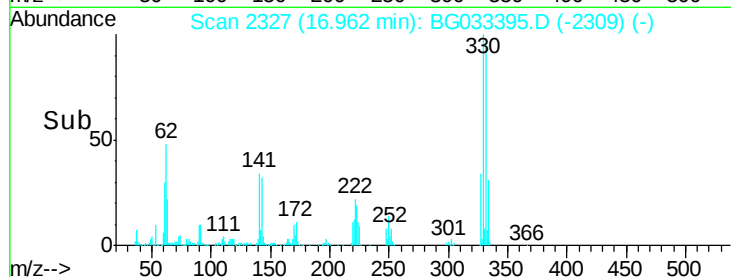
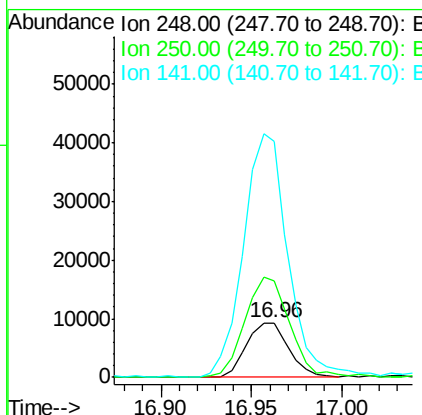
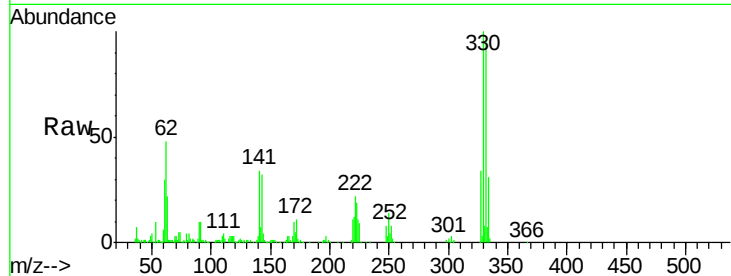




#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.42 min
Lab File: BG033395.D
Acq: 28 Mar 2018 20:51

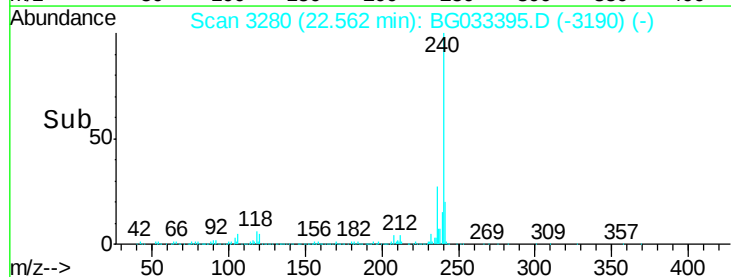
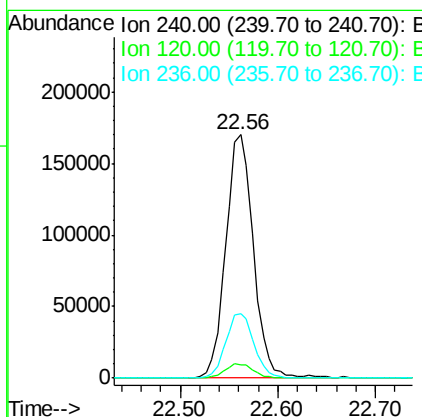
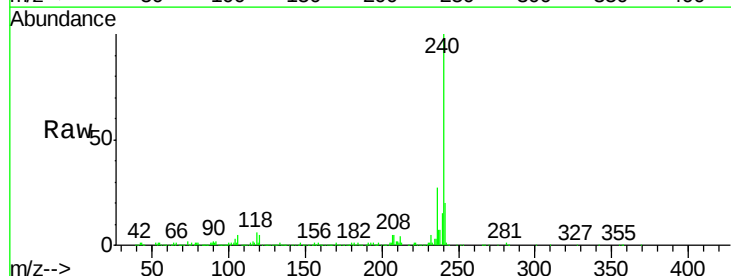
Instrument :
BNA_G
ClientSampleId :
PZ-3

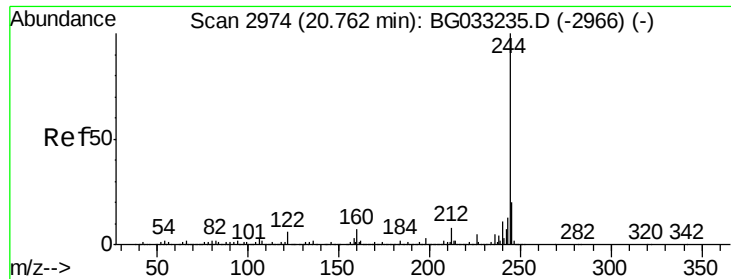
Tgt Ion:248 Resp: 15133
Ion Ratio Lower Upper
248 100
250 176.5 77.1 115.7#
141 433.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033395.D
Acq: 28 Mar 2018 20:51

Tgt Ion:240 Resp: 334386
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 71.01 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033395.D

Acq: 28 Mar 2018 20:51

Instrument :

BNA_G

ClientSampleId :

PZ-3

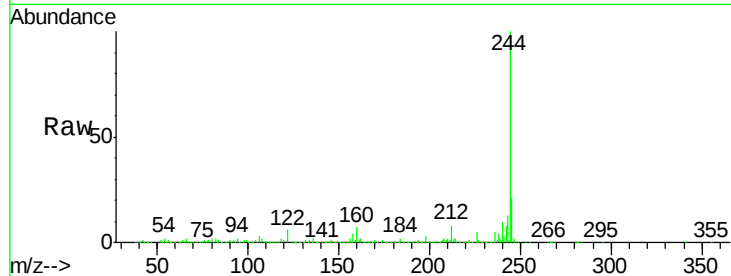
Tgt Ion:244 Resp: 1110310

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

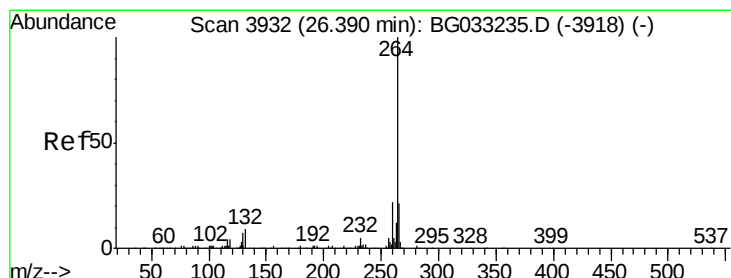
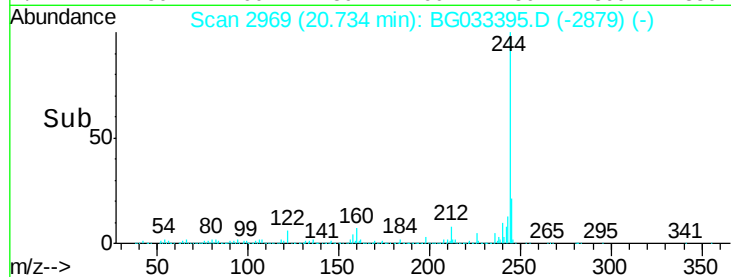
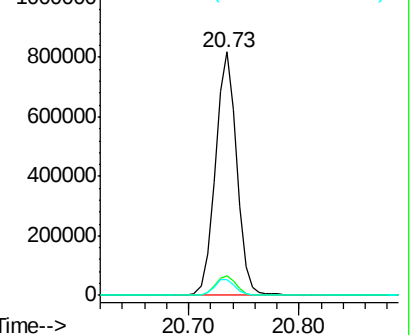
122 6.4 7.0 10.4#



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: BG033395.D

Acq: 28 Mar 2018 20:51

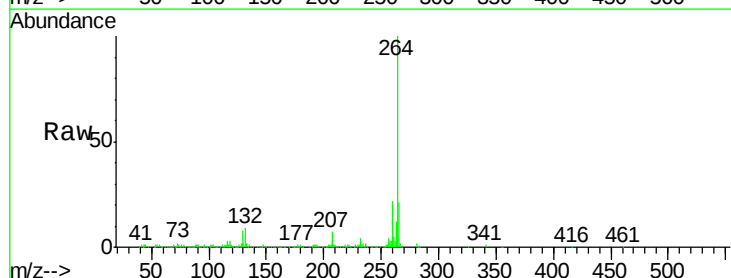
Tgt Ion:264 Resp: 369977

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.5 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

