

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033389.D
 Acq On : 28 Mar 2018 17:05
 Operator : SJ/JU
 Sample : J2072-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 18:30:24 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 18:29:08 2018
 Response via : Initial Calibration

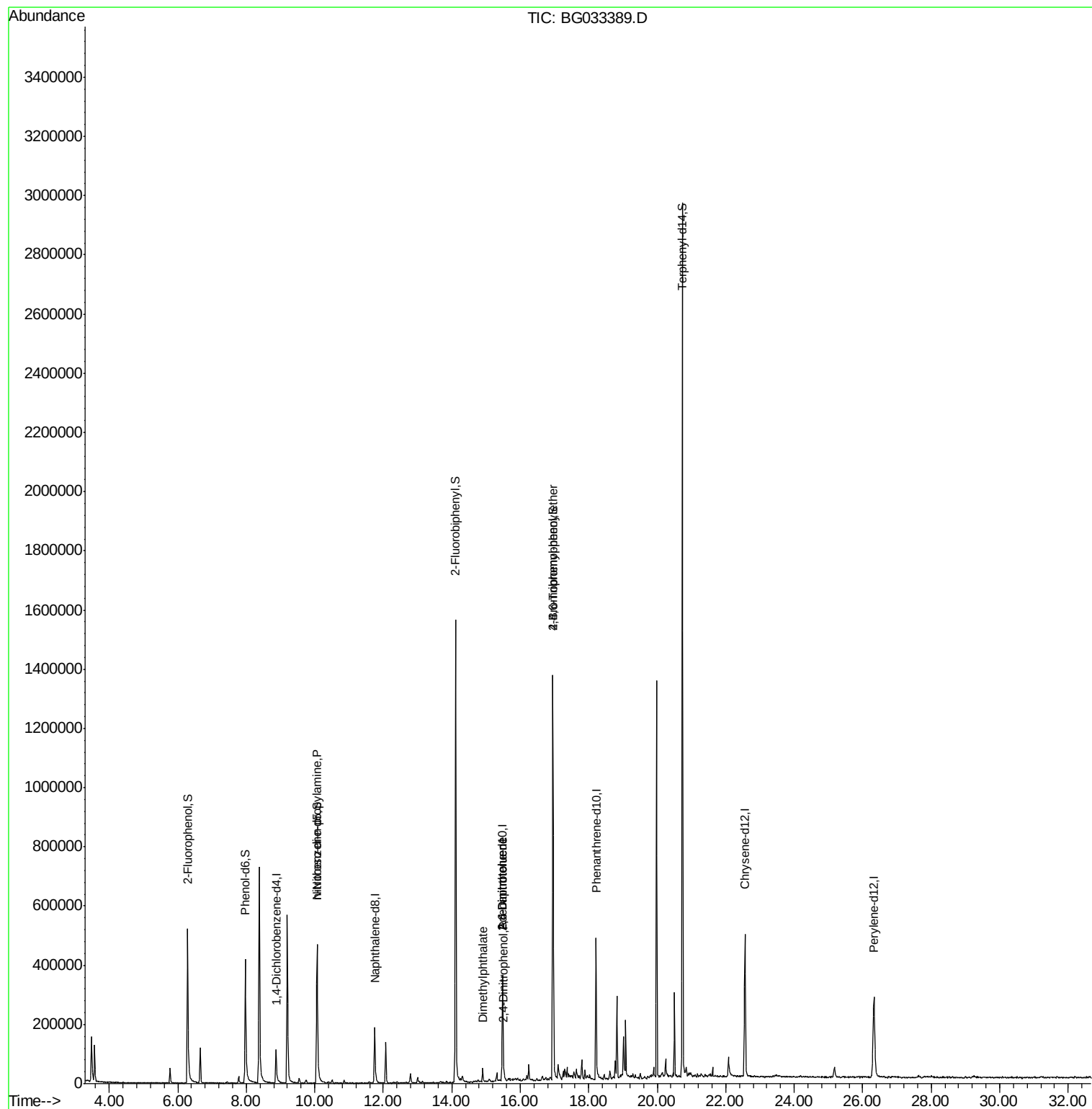
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	44580	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	181181	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	142300	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	349220	20.00	ng	0.00
75) Chrysene-d12	22.56	240	368876	20.00	ng	0.00
86) Perylene-d12	26.33	264	391569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	269842	113.50	ng	0.00
7) Phenol-d6	7.97	99	319207	78.14	ng	0.00
23) Nitrobenzene-d5	10.07	82	357415	90.63	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	285216	134.01	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	865693	87.82	ng	0.00
78) Terphenyl-d14	20.73	244	1493641	86.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	50708	16.941	ng	# 76
49) Dimethylphthalate	14.90	163	31383	2.534	ng	# 95
50) 2,6-Dinitrotoluene	15.48	165	18205	7.189	ng	# 20
53) 2,4-Dinitrophenol	15.52	184	92	7.706	ng	# 41
56) 2,4-Dinitrotoluene	15.48	165	18205	4.883	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	21733	5.299	ng	# 1

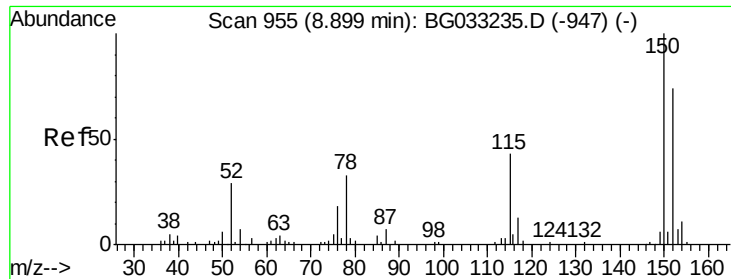
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033389.D
Acq On : 28 Mar 2018 17:05
Operator : SJ/JU
Sample : J2072-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 28 18:30:24 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 18:29:08 2018
Response via : Initial Calibration



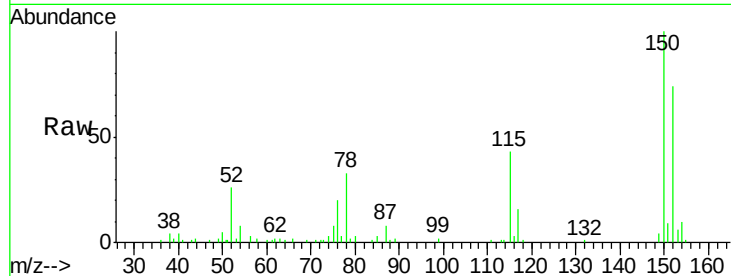


#1

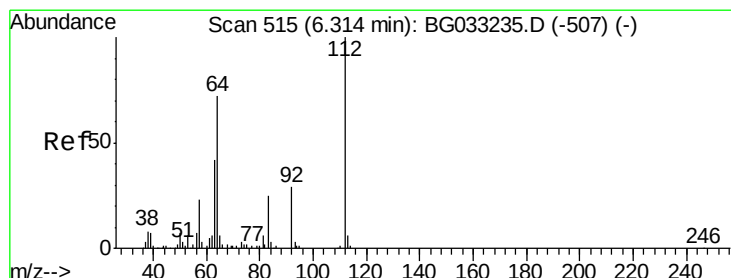
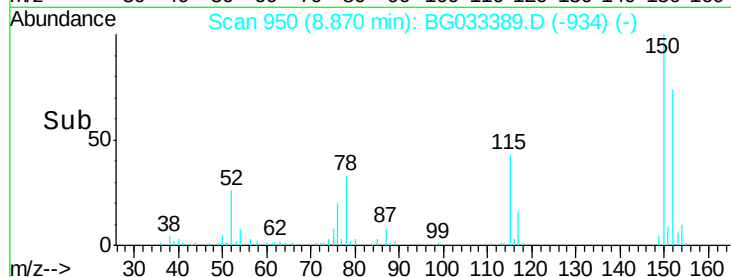
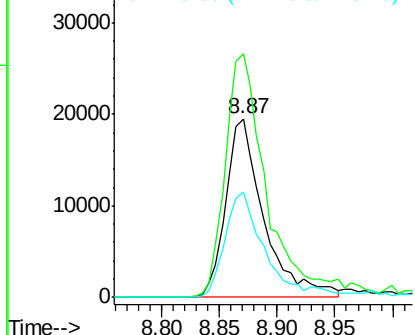
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.0	126.6	189.8
115	59.2	53.0	79.4



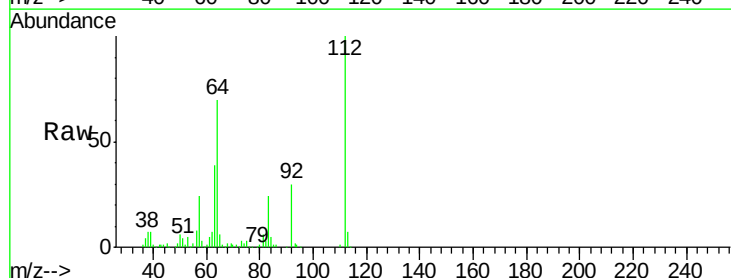
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



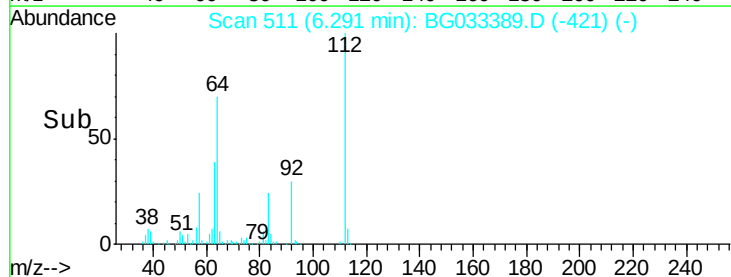
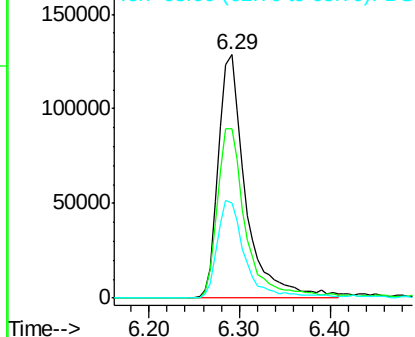
#5

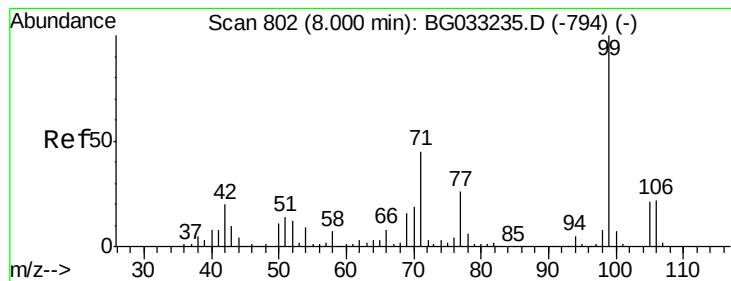
2-Fluorophenol
Concen: 113.501 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.3	84.5
63	39.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 78.142 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

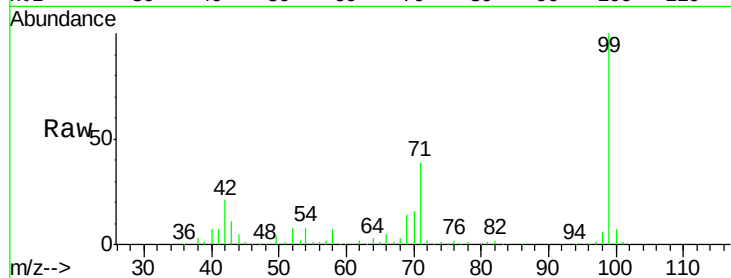
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 319207

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.1	21.1
71	38.8	26.1	39.1

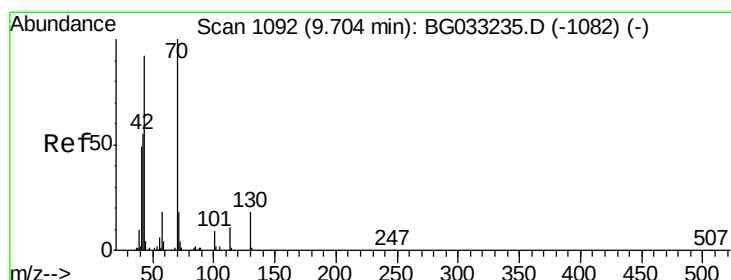
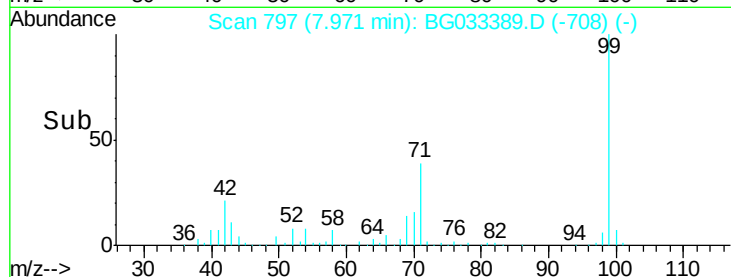
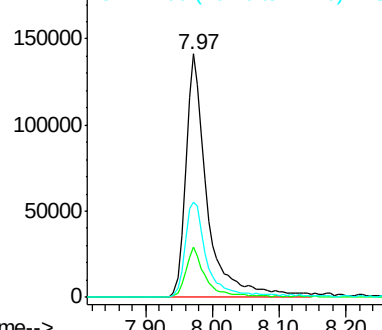


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.941 ng

RT: 10.07 min Scan# 1154

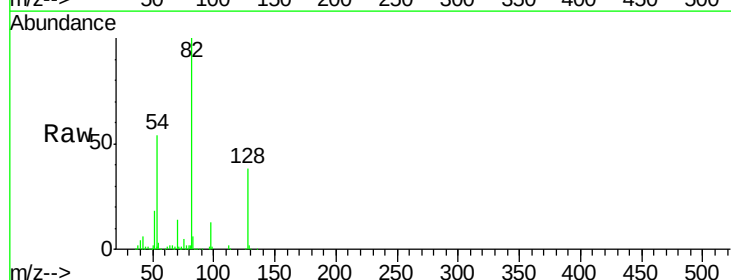
Delta R.T. 0.39 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Tgt Ion: 70 Resp: 50708

Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



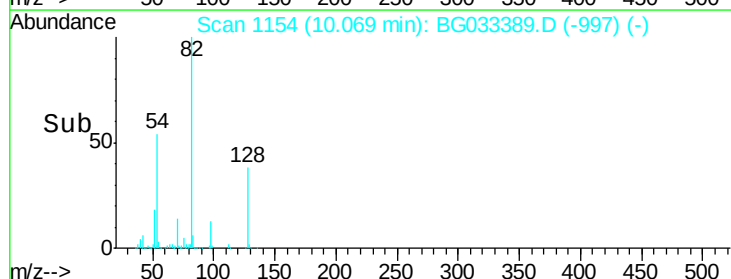
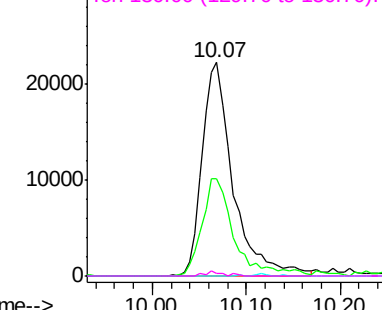
Abundance

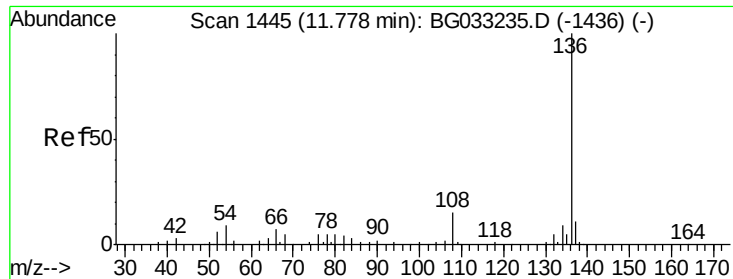
Ion 70.00 (69.70 to 70.70): BGC

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

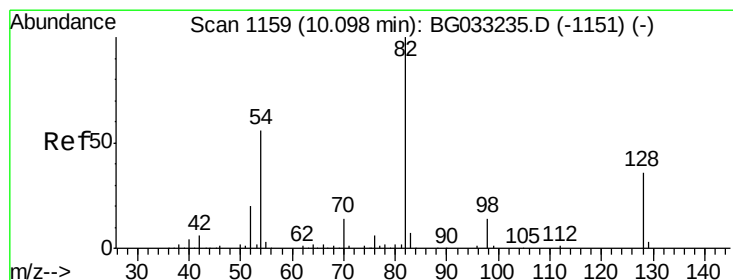
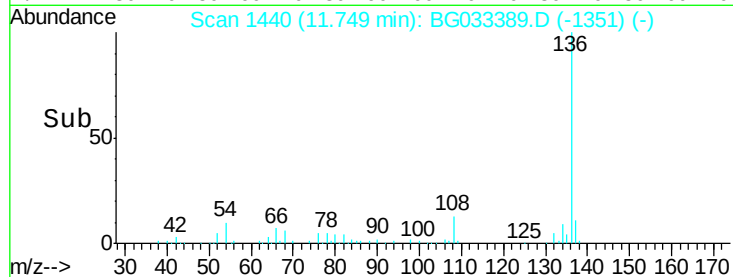
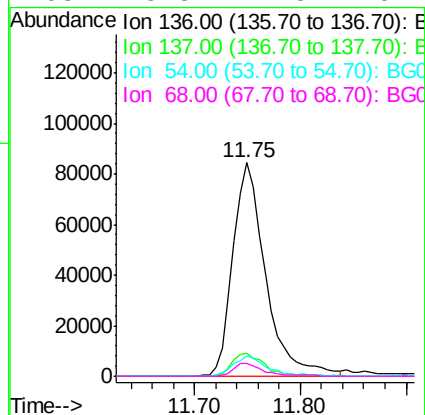
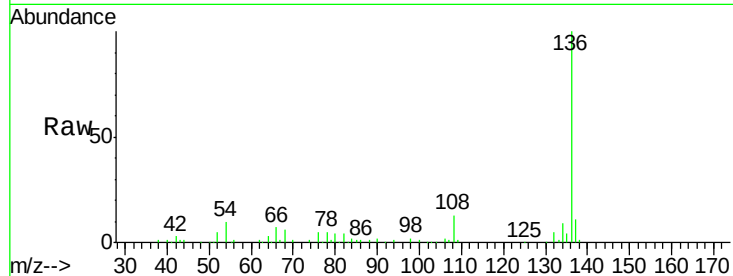




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

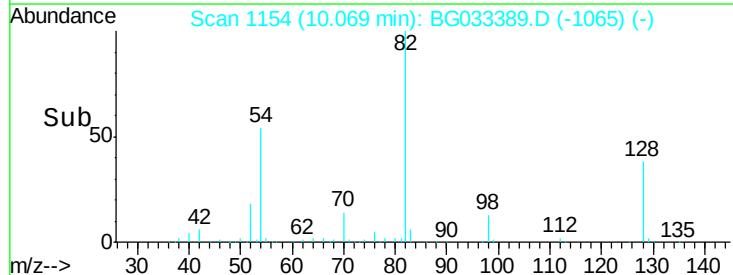
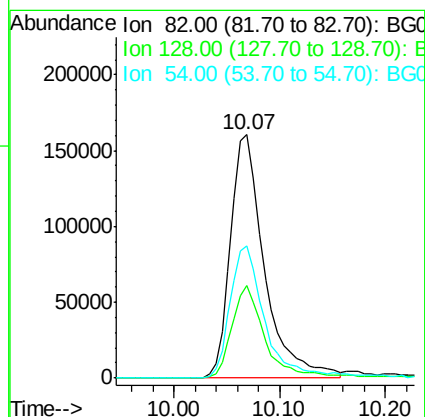
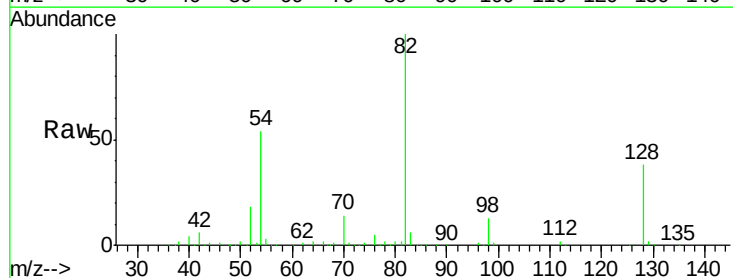
Instrument :
BNA_G
ClientSampleId :

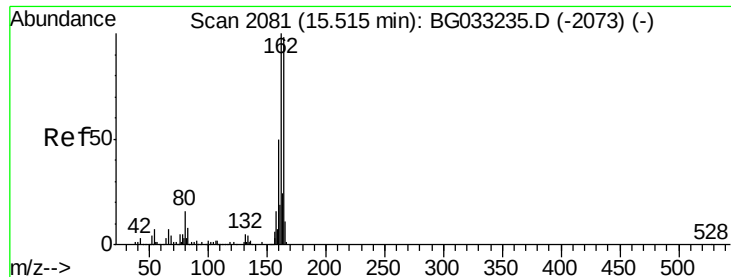
Tot Ion:136	Resp:	181181
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	9.8	10.3 15.5#
68	5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 90.634 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Tgt Ion: 82	Resp:	357415
Ion	Ratio	Lower Upper
82	100	
128	38.1	29.7 44.5
54	54.1	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

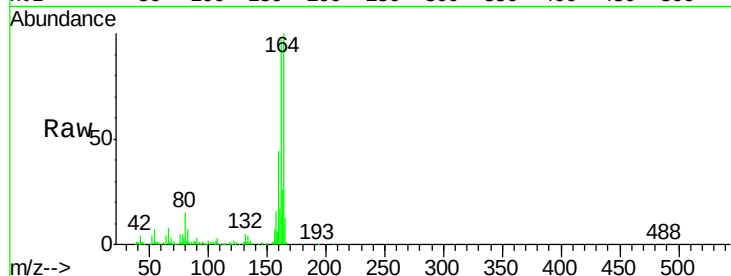
Tot Ion:164 Resp: 142300

Ion Ratio Lower Upper

164 100

162 97.5 78.8 118.2

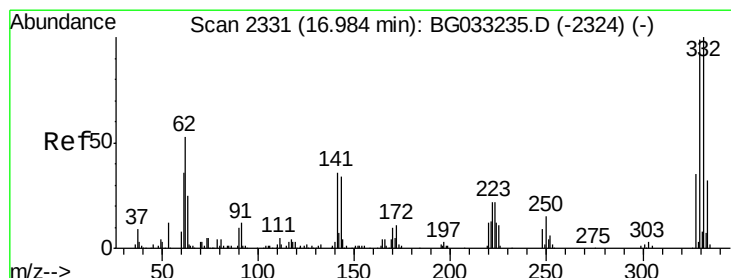
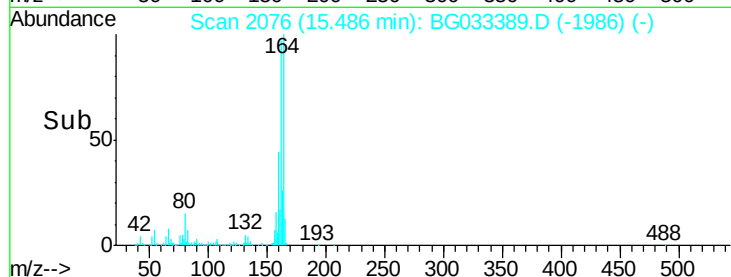
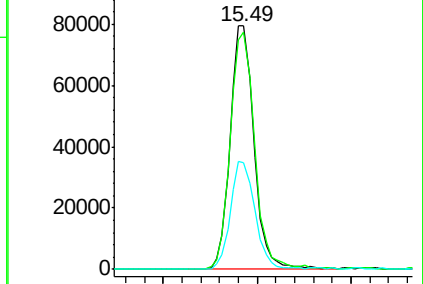
160 43.7 35.4 53.0



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: 134.014 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

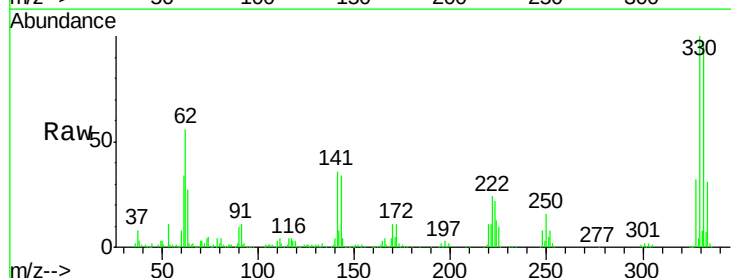
Tgt Ion:330 Resp: 285216

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

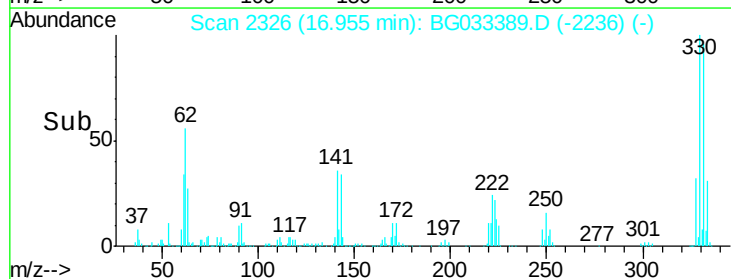
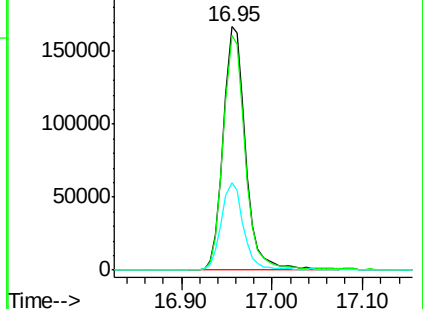
141 35.8 25.2 37.8

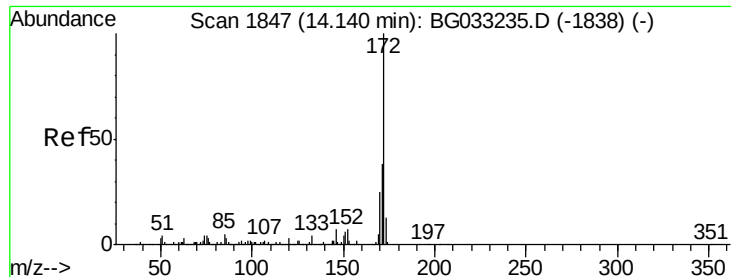


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

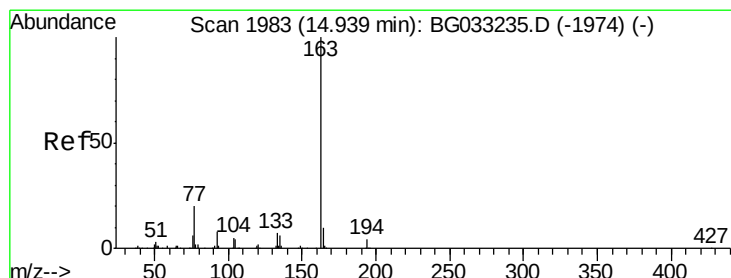
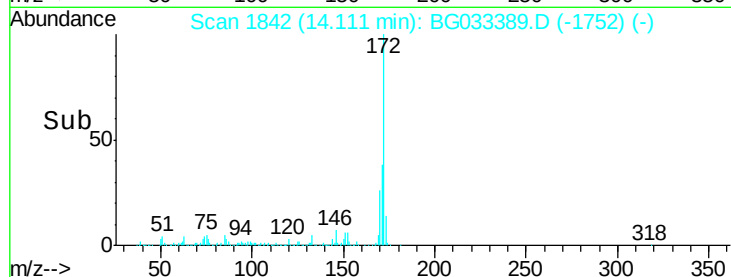
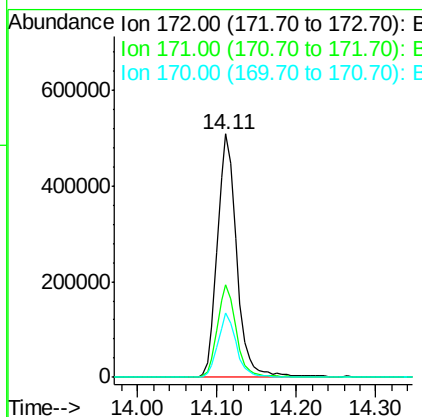
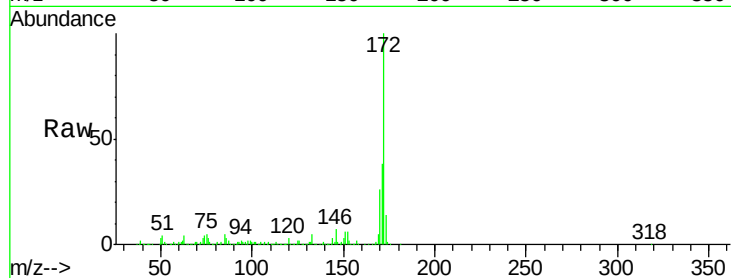




#44
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

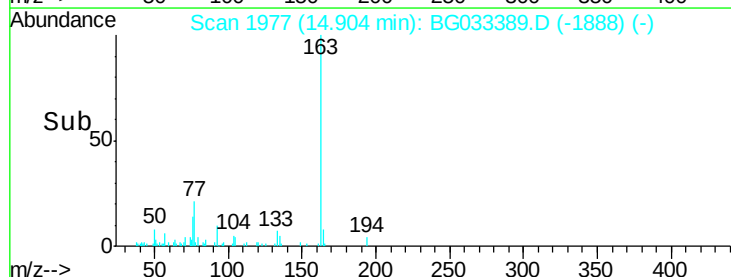
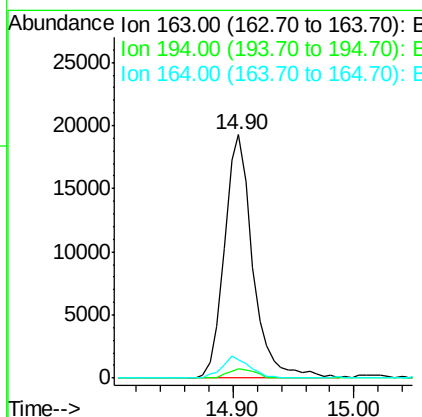
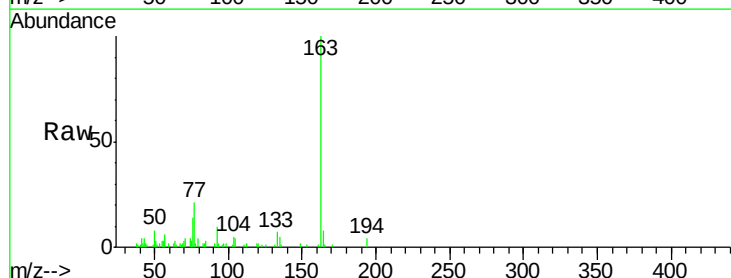
Instrument :
 BNA_G
 ClientSampleId :

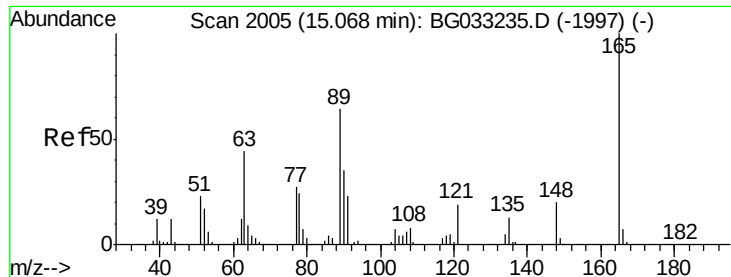
Tot Ion:172 Resp: 865693
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 26.3 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.534 ng
 RT: 14.90 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Tgt Ion:163 Resp: 31383
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.2
 164 7.8 8.2 12.4#

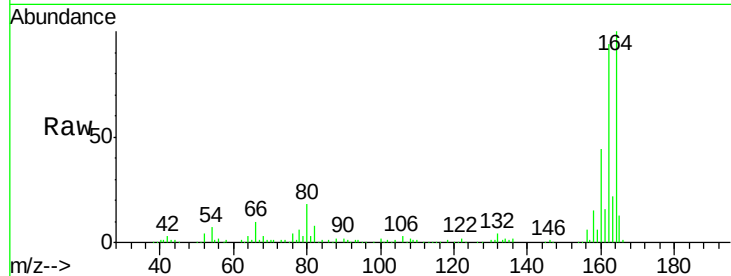




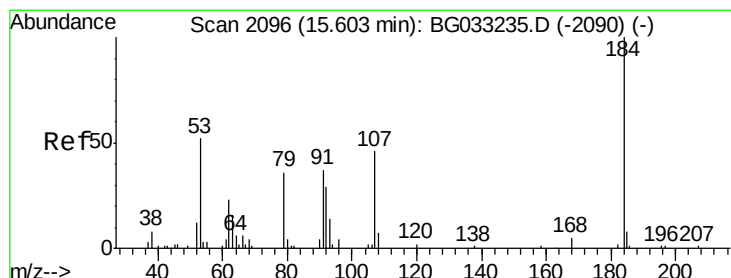
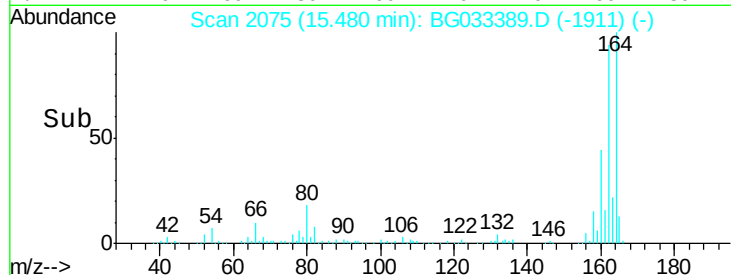
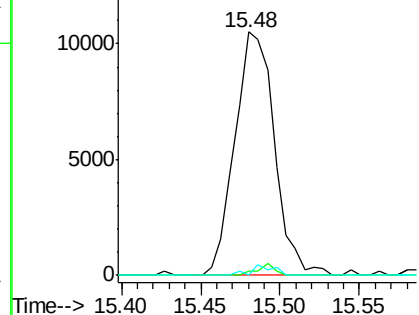
#50
 2,6-Dinitrotoluene
 Concen: 7.189 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.7	79.1#
89	0.0	49.2	73.8#

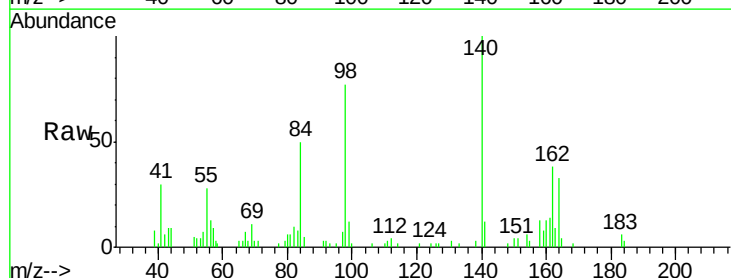


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

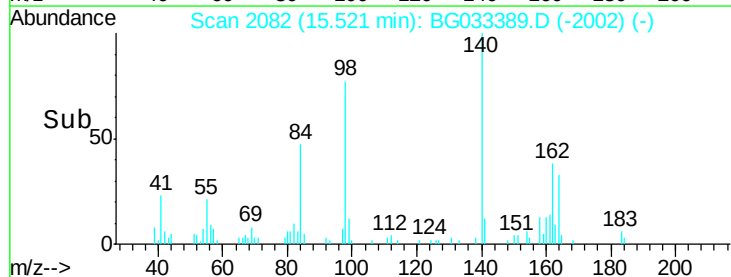
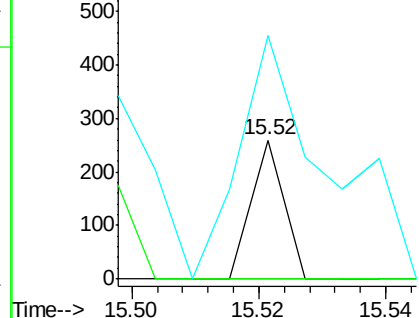


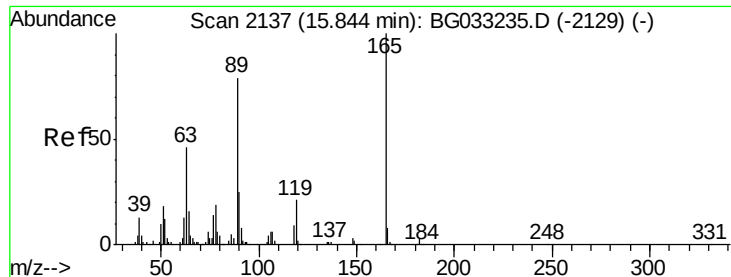
#53
 2,4-Dinitrophenol
 Concen: 7.706 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.06 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	175.0	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

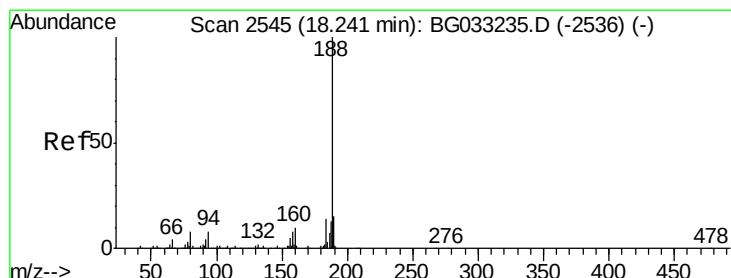
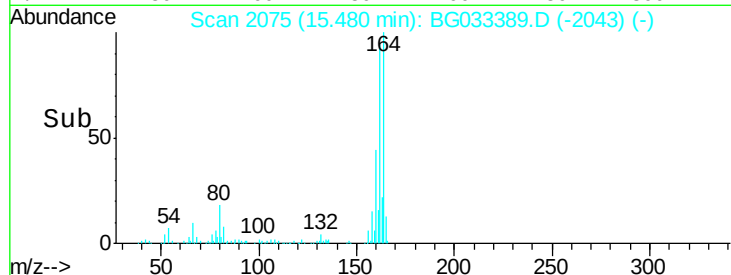
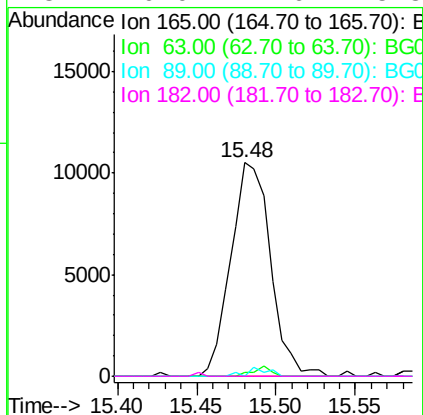
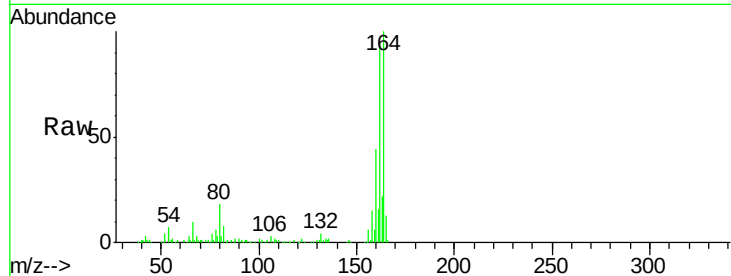




#56
 2,4-Dinitrotoluene
 Concen: 4.883 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

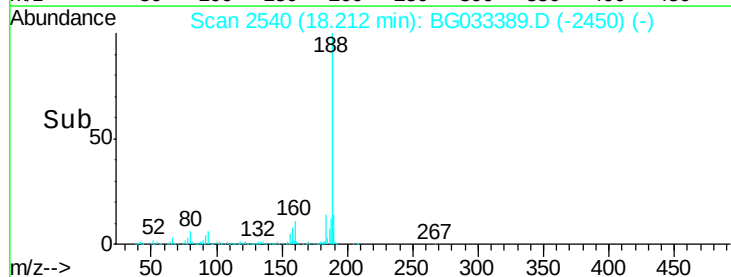
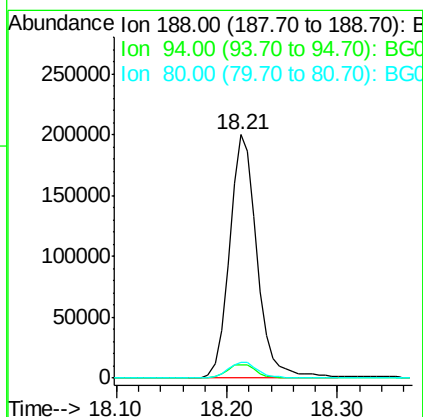
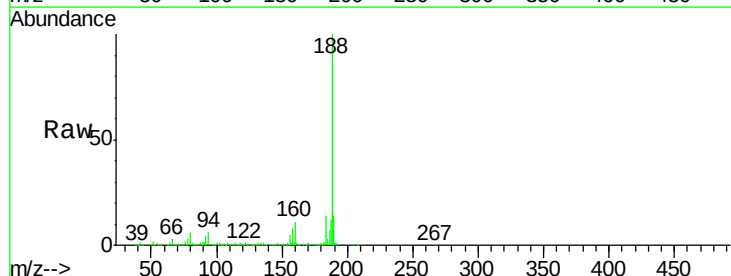
Instrument :
 BNA_G
 ClientSampleId :

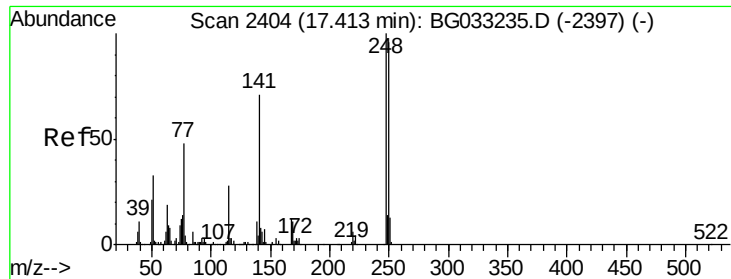
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033389.D
 Acq: 28 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	6.3	7.7	11.5#

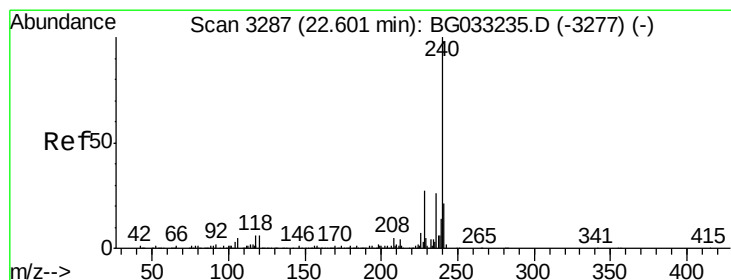
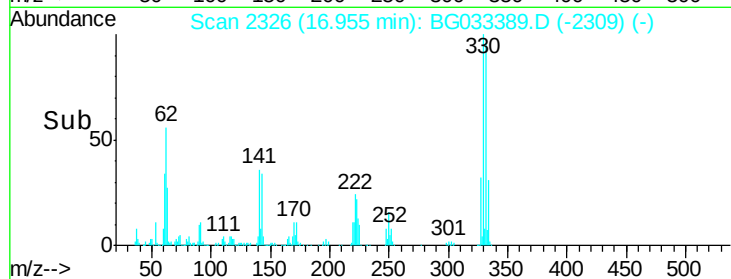
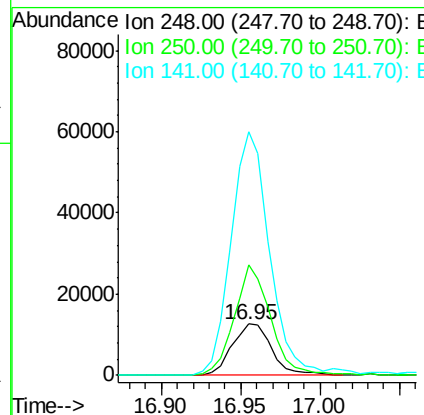
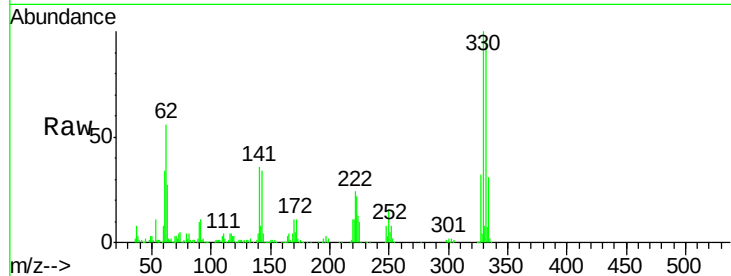




#66
4-Bromophenyl-phenylether
Concen: 5.299 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

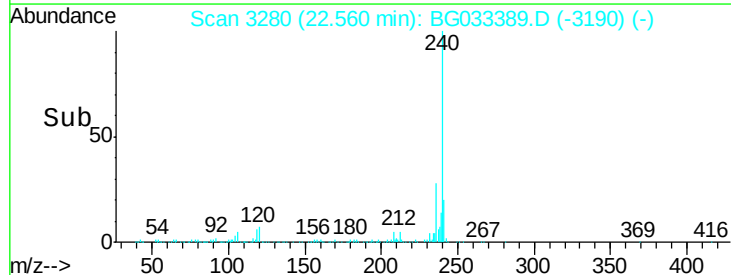
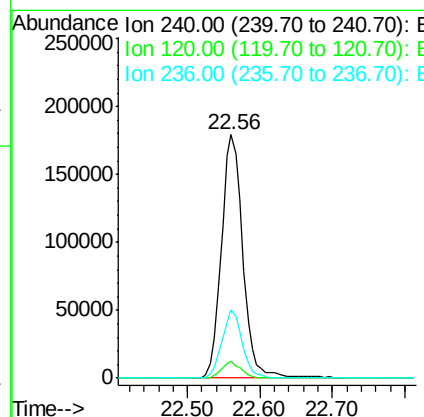
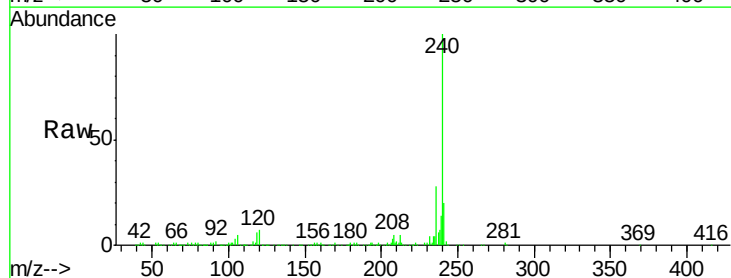
Instrument :
BNA_G
ClientSampleId :

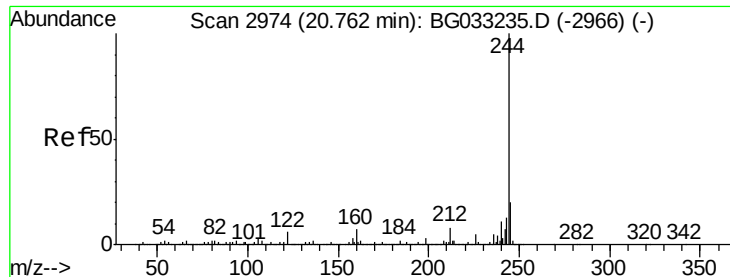
Tot Ion:248 Resp: 21733
Ion Ratio Lower Upper
248 100
250 214.7 77.1 115.7#
141 474.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033389.D
Acq: 28 Mar 2018 17:05

Tgt Ion:240 Resp: 368876
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2
236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 86.596 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

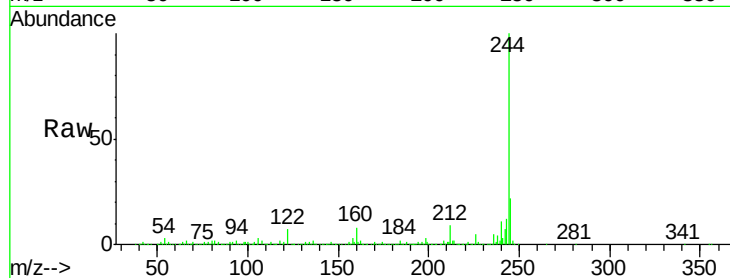
Tot Ion:244 Resp: 1493641

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

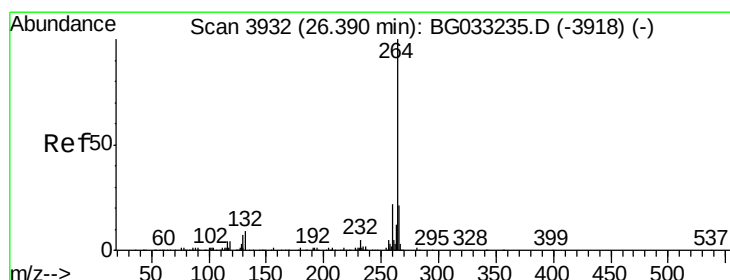
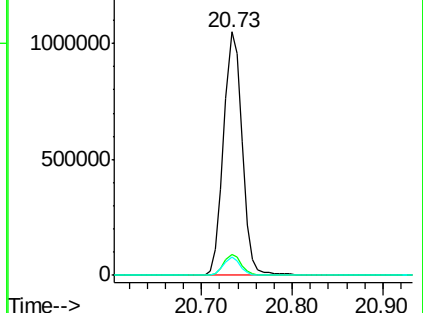
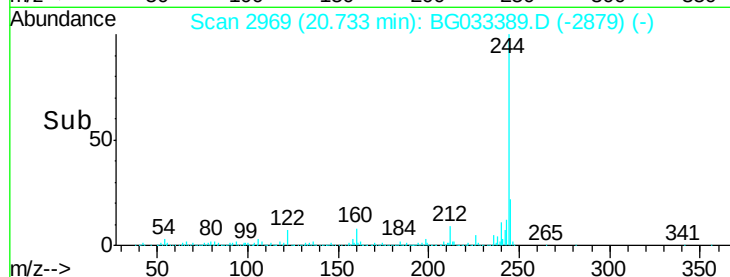
122 7.4 7.0 10.4



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: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033389.D

Acq: 28 Mar 2018 17:05

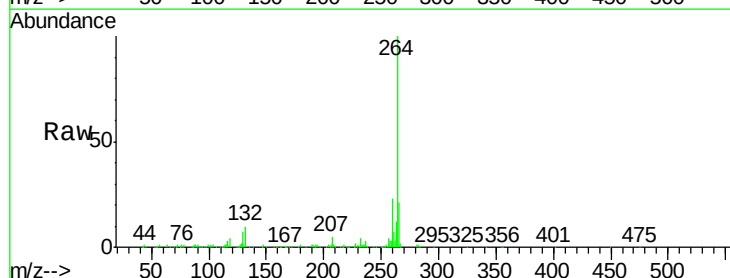
Tgt Ion:264 Resp: 391569

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.3 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

