

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033496.D
 Acq On : 2 Apr 2018 20:39
 Operator : SJ/JU
 Sample : PB107833BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:02:27 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

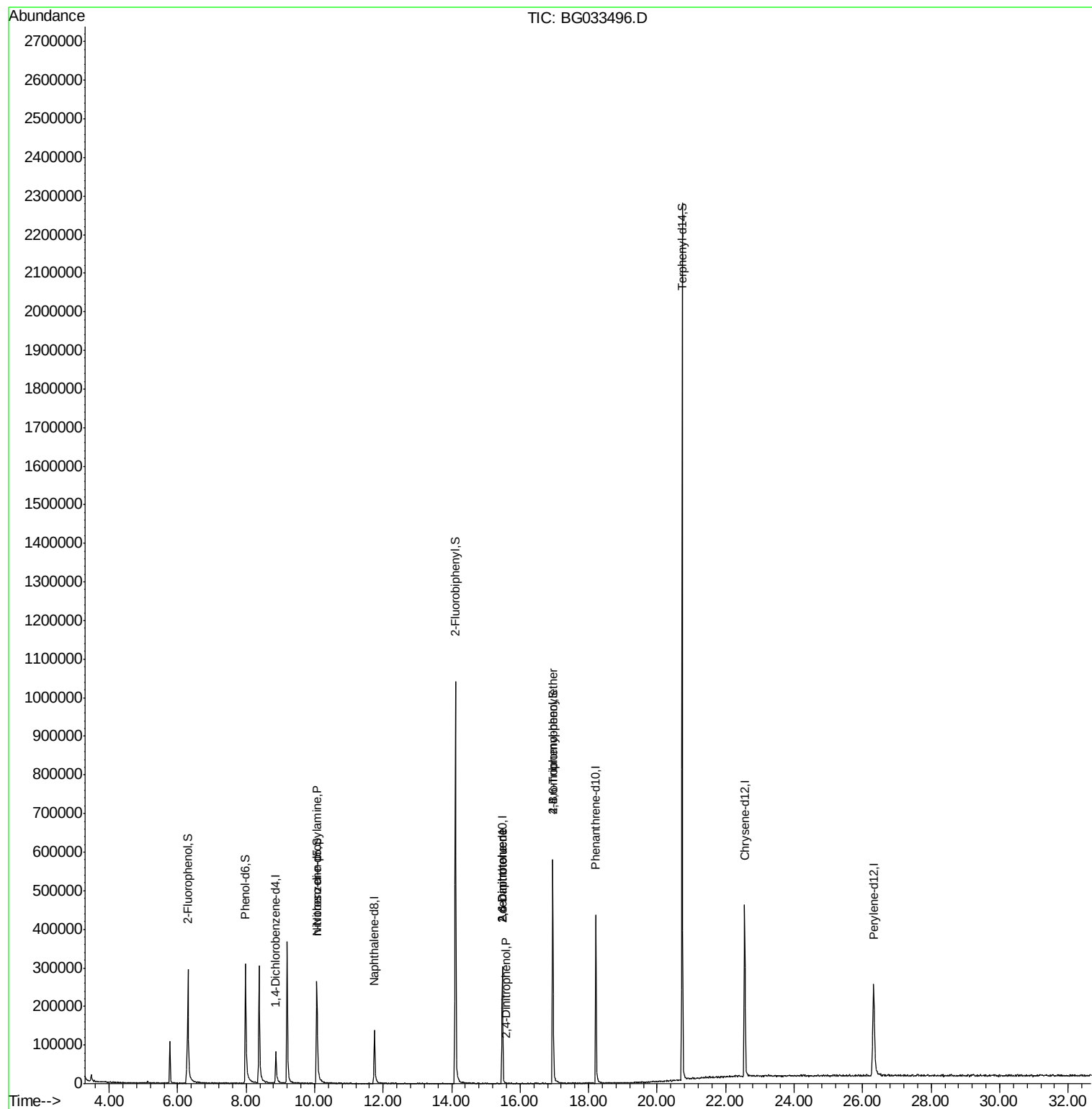
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32350	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	142551	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	115026	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318063	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335750	20.00	ng	0.00
86) Perylene-d12	26.32	264	344690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	153428	88.93	ng	0.00
7) Phenol-d6	7.98	99	246769	83.25	ng	0.00
23) Nitrobenzene-d5	10.06	82	233509	75.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	123746	71.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	601171	75.45	ng	0.00
78) Terphenyl-d14	20.73	244	1122148	71.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	30054	13.836	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	14869	7.264	ng	# 18
53) 2,4-Dinitrophenol	15.58	184	60	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14869	4.934	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	10065	2.695	ng	# 1

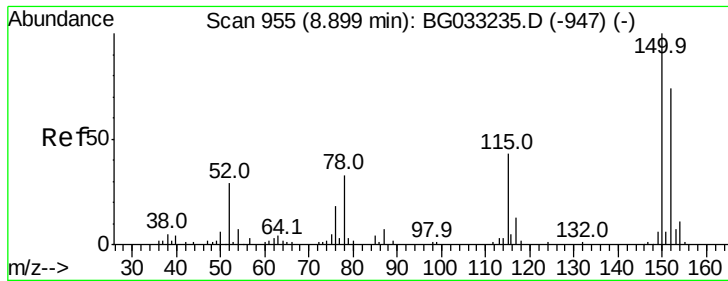
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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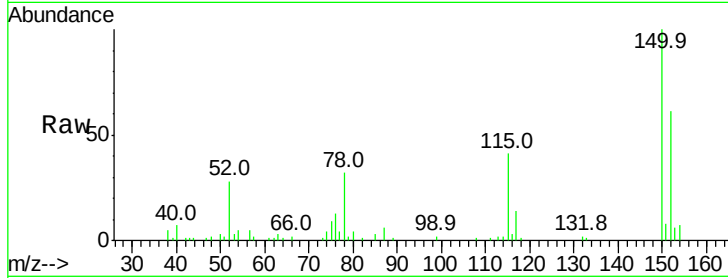


#1

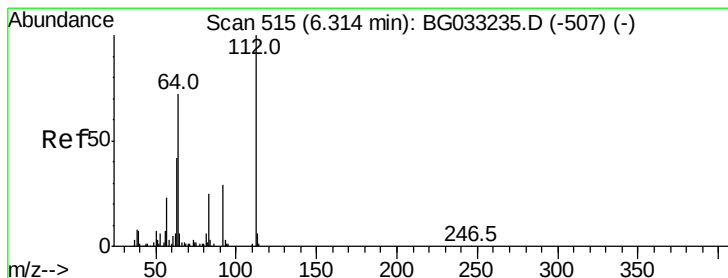
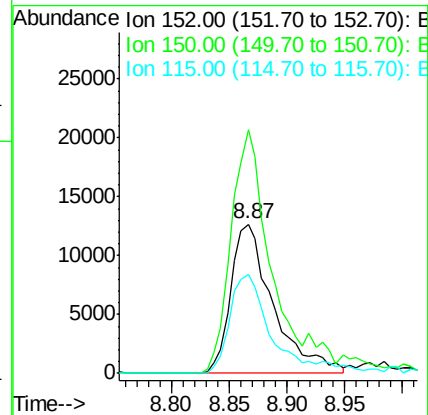
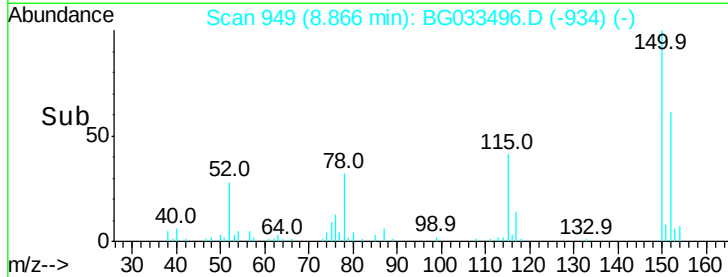
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32350
Ion Ratio Lower Upper
152 100
150 163.2 126.6 189.8
115 66.4 53.0 79.4



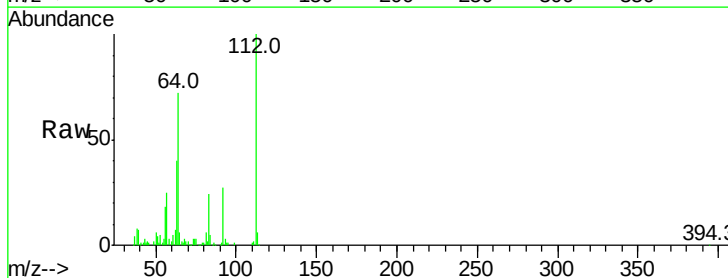
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



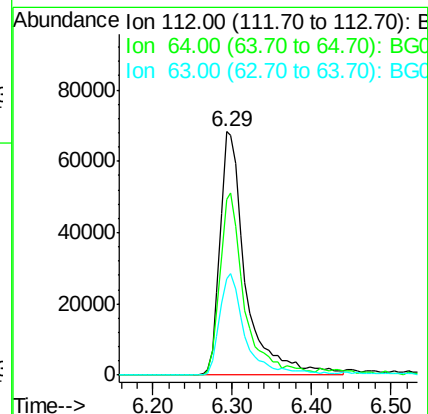
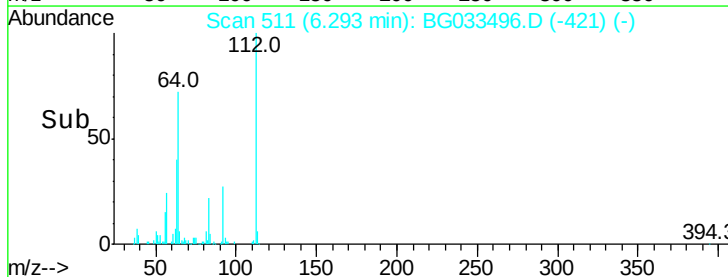
#5

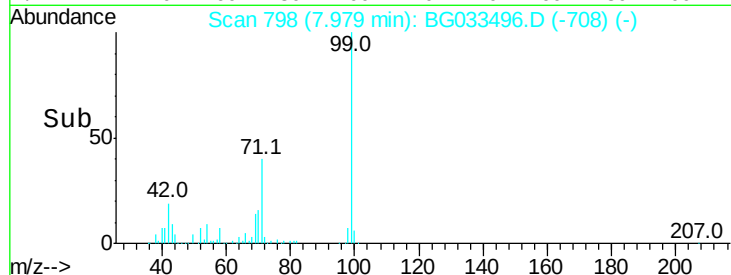
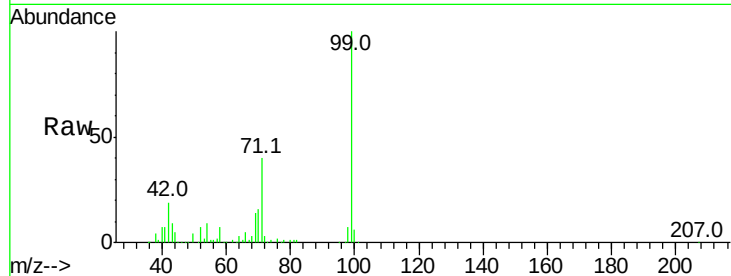
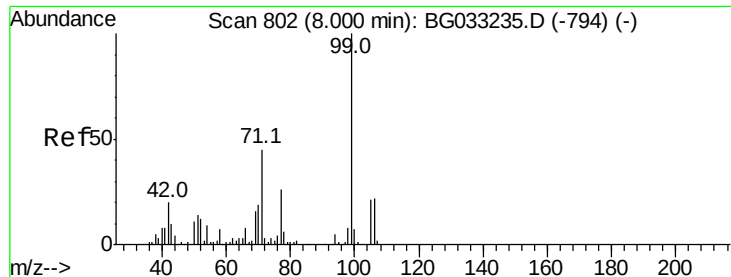
2-Fluorophenol
Concen: 88.932 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Tgt Ion:112 Resp: 153428
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 39.9 30.1 45.1



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





#7

Phenol-d6

Concen: 83.247 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Instrument :

BNA_G

ClientSampled :

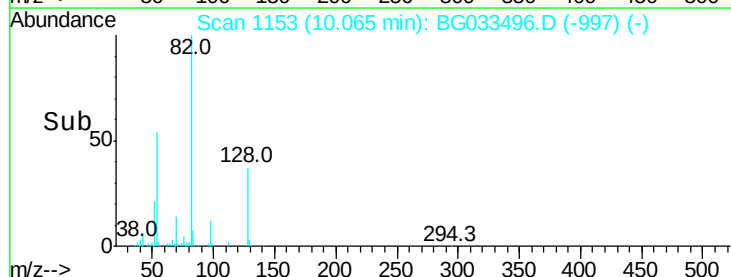
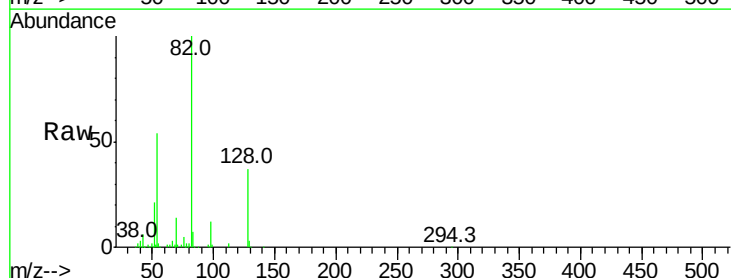
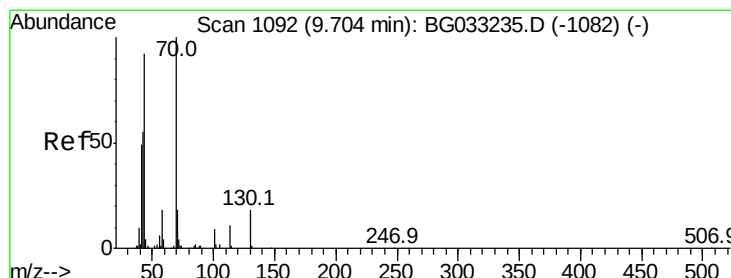
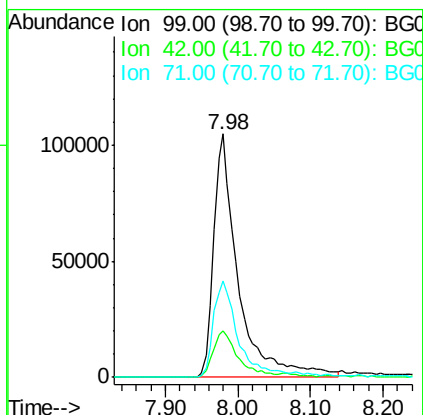
Tot Ion: 99 Resp: 246769

Ion Ratio Lower Upper

99 100

42 18.9 14.1 21.1

71 39.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.836 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Tgt Ion: 70 Resp: 30054

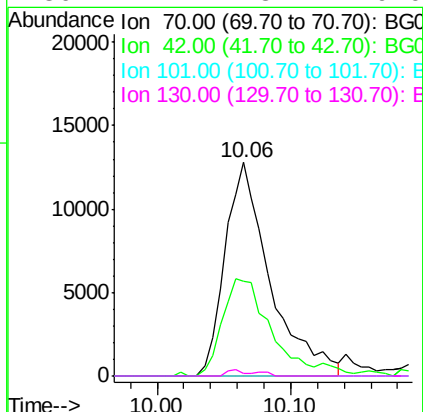
Ion Ratio Lower Upper

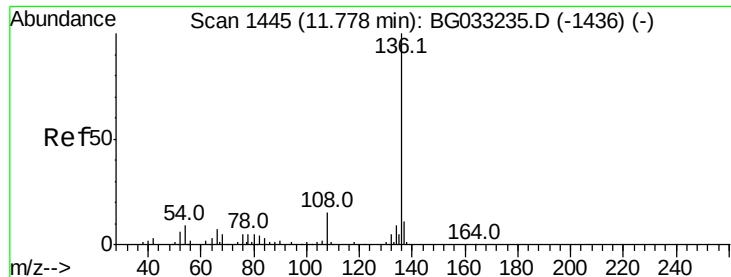
70 100

42 44.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

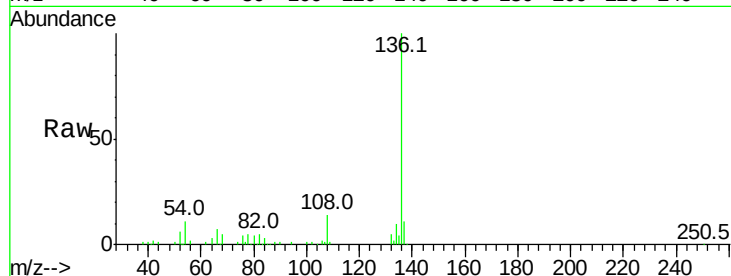




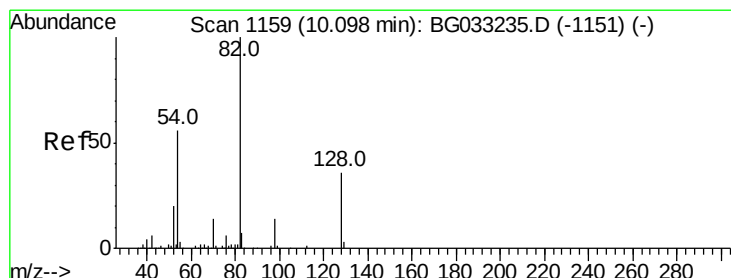
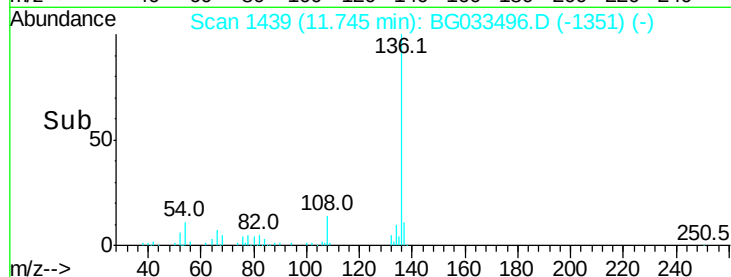
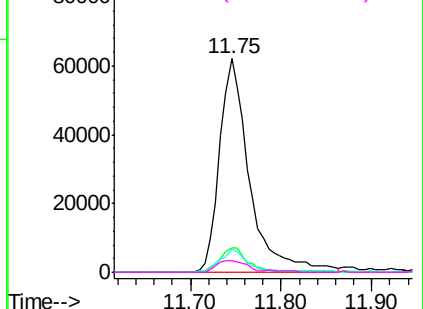
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	142551
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.2	13.8
54 10.7	10.3	15.5
68 5.2	4.5	6.7

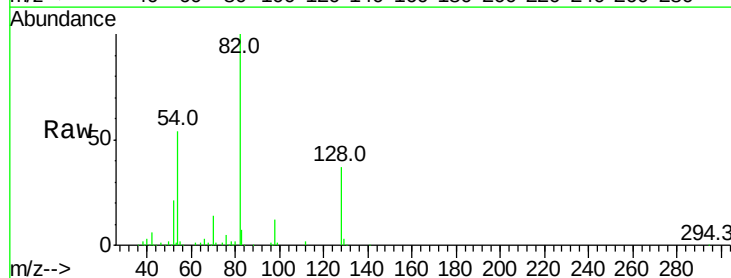


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

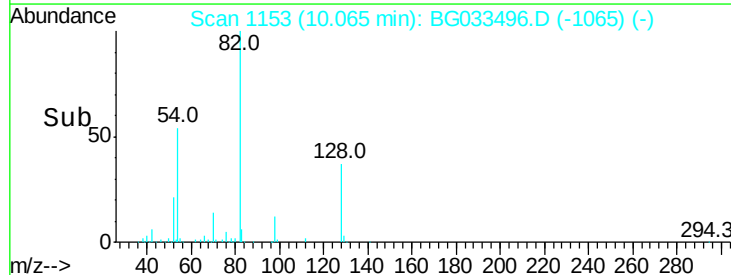
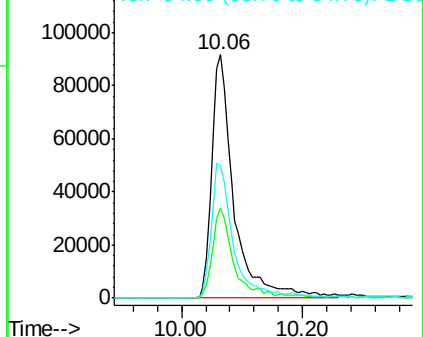


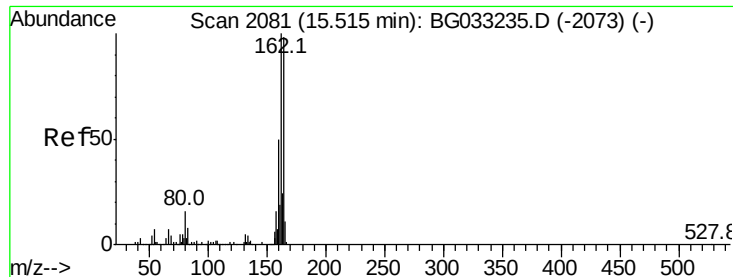
#23
Nitrobenzene-d5
Concen: 75.260 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Tgt	Ion: 82	Resp:	233509
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.7	44.5
54	54.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Instrument :

BNA_G

ClientSampleId :

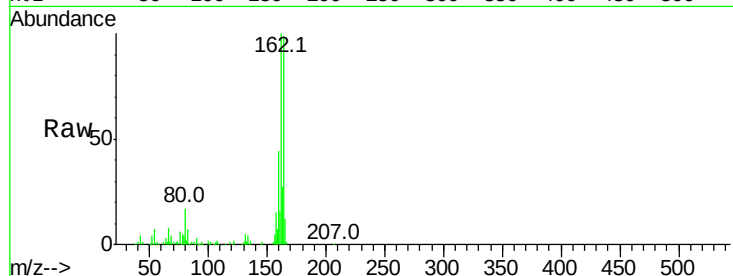
Tot Ion:164 Resp: 115026

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

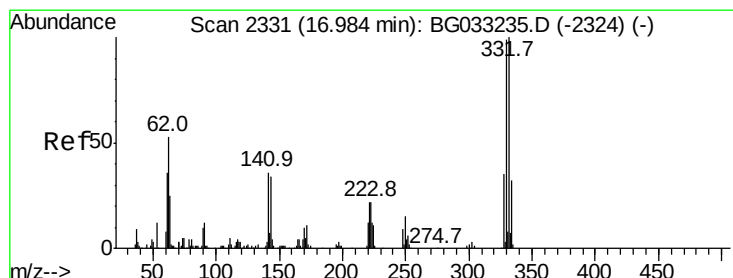
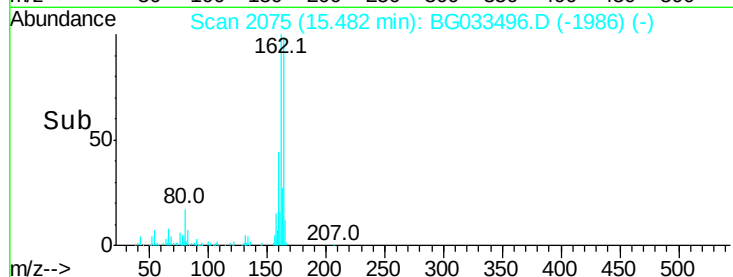
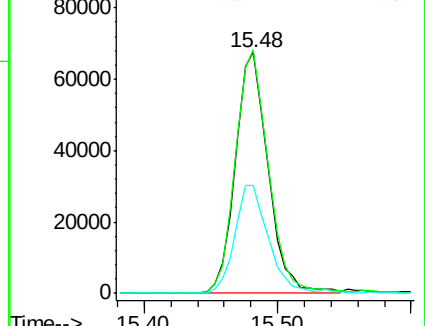
160 44.8 35.4 53.0



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: 71.931 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

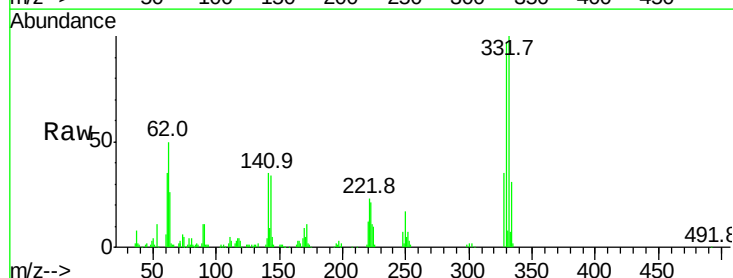
Tgt Ion:330 Resp: 123746

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

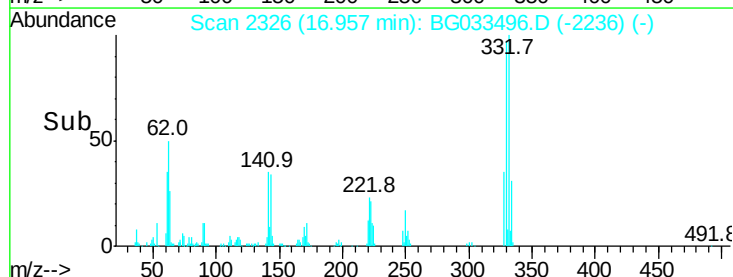
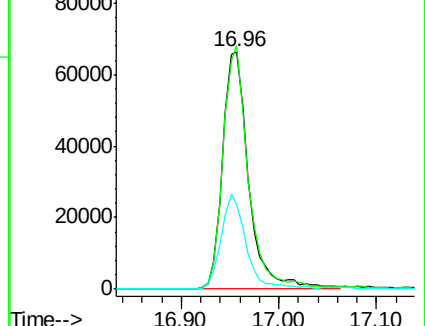
141 38.2 25.2 37.8#

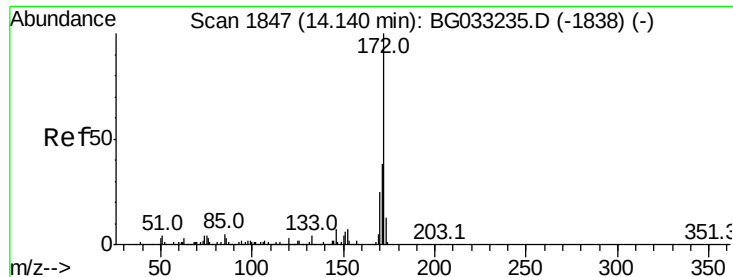


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

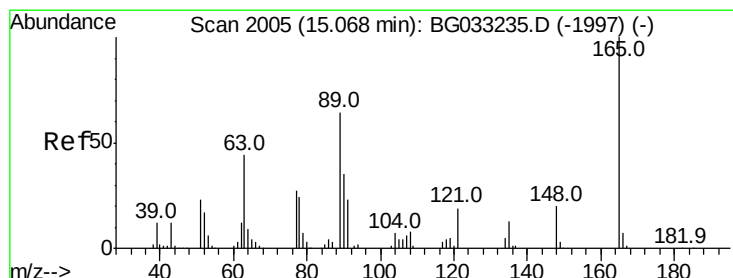
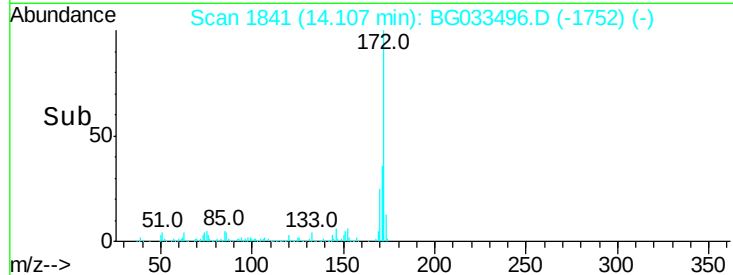
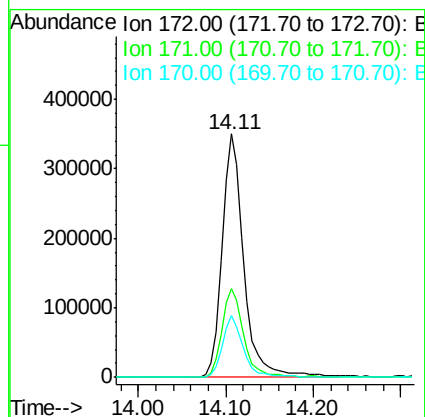
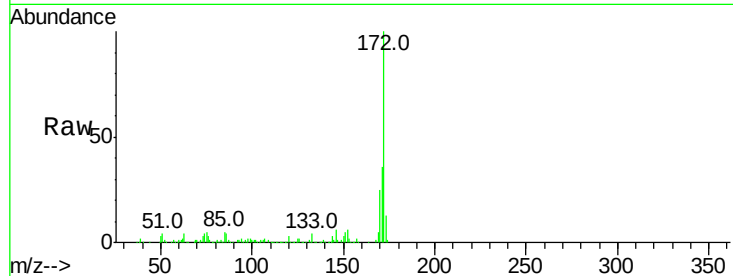




#44
 2-Fluorobiphenyl
 Concen: 75.450 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

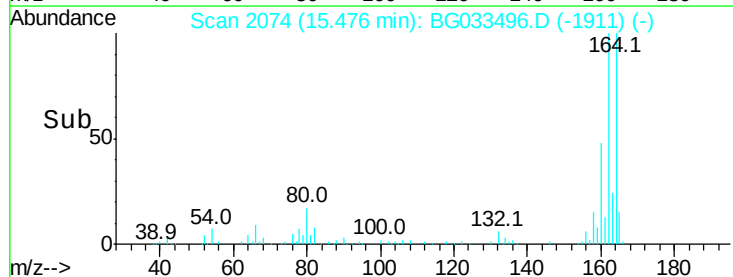
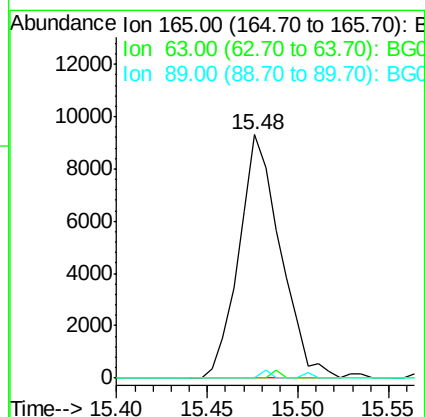
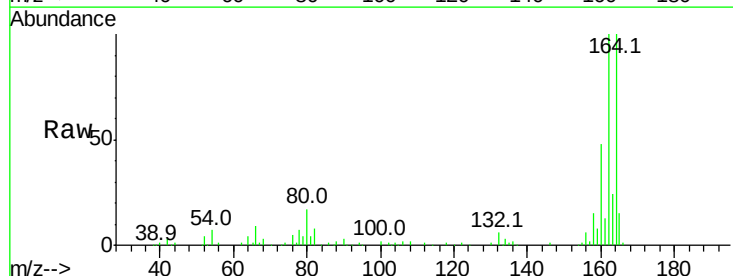
Instrument :
 BNA_G
 ClientSampleId :

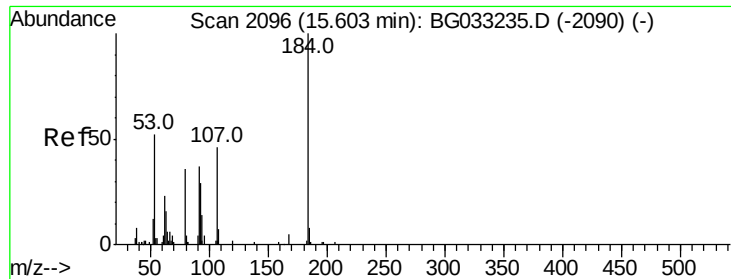
Tot Ion:172 Resp: 601171
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 25.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.264 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Tgt Ion:165 Resp: 14869
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 7.694 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.00 min

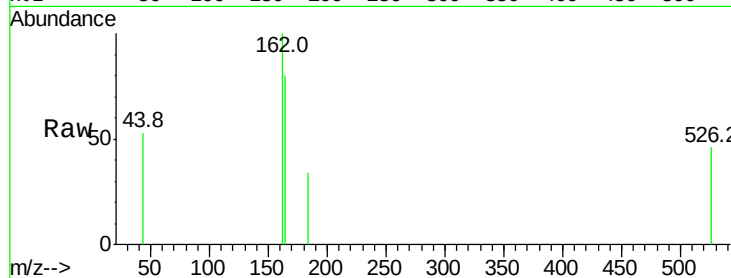
Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Instrument :

BNA_G

ClientSampleId :



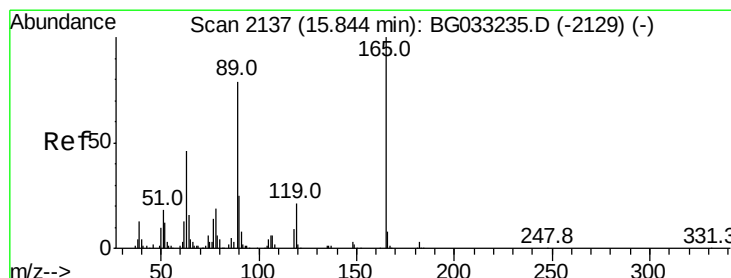
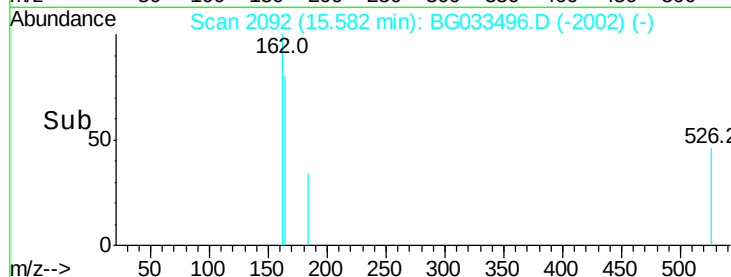
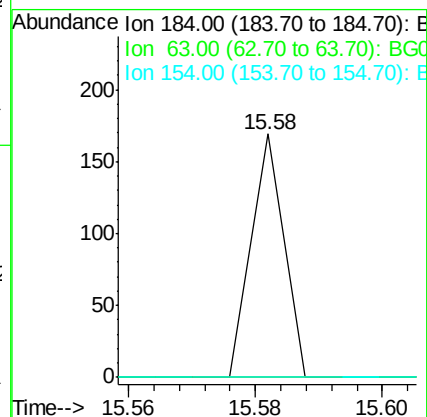
Tot Ion:184 Resp: 60

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: 4.934 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.35 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Tgt Ion:165 Resp: 14869

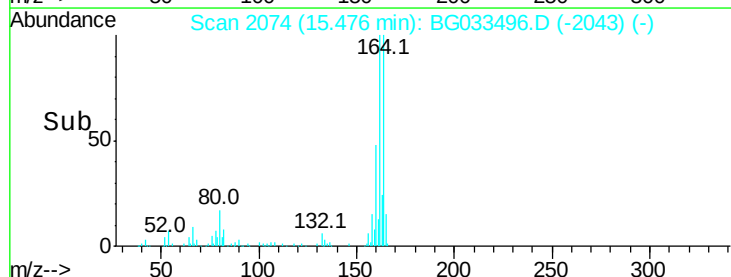
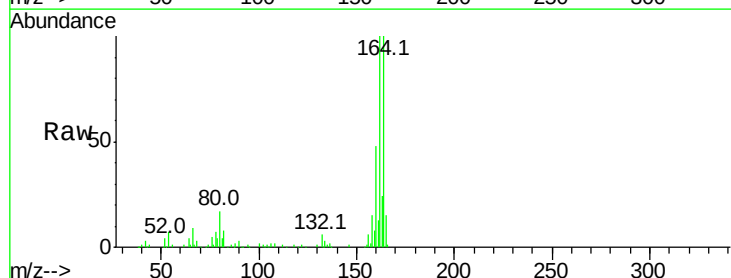
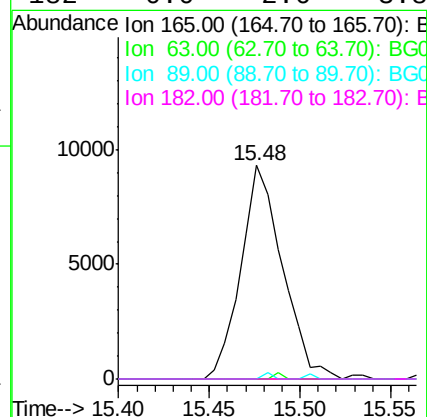
Ion Ratio Lower Upper

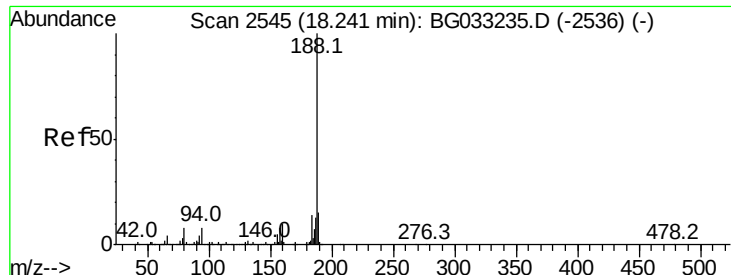
165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

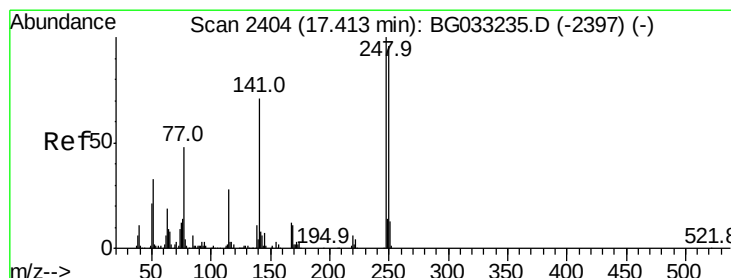
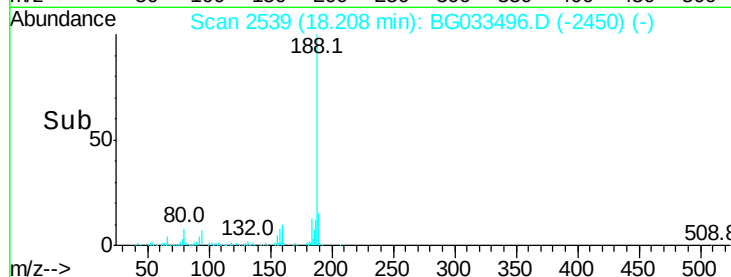
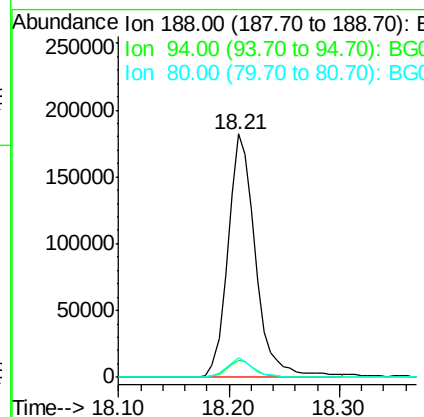
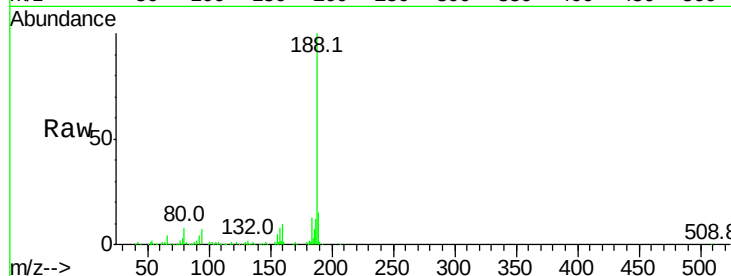




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

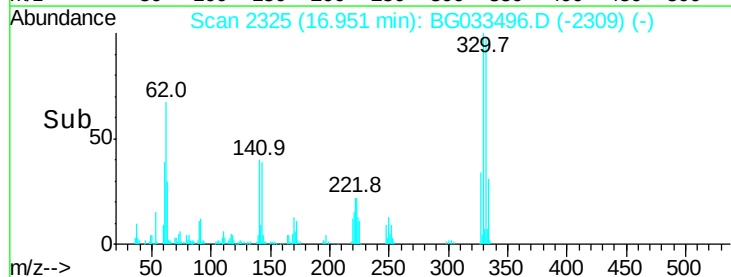
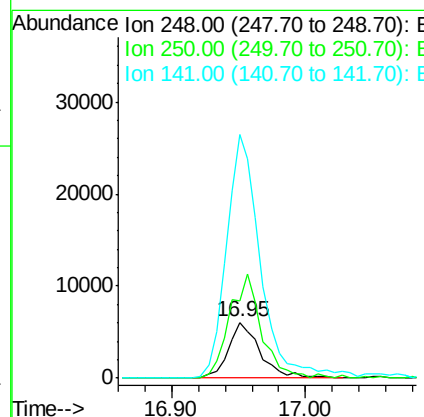
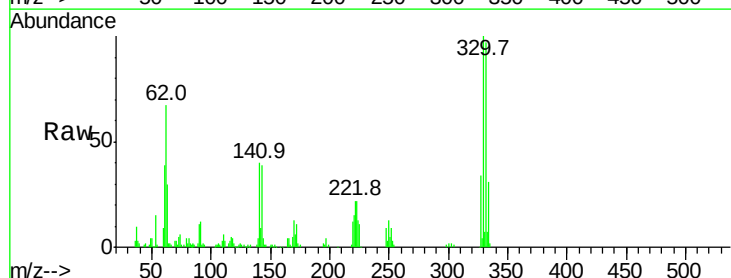
Instrument :
 BNA_G
 ClientSampleId :

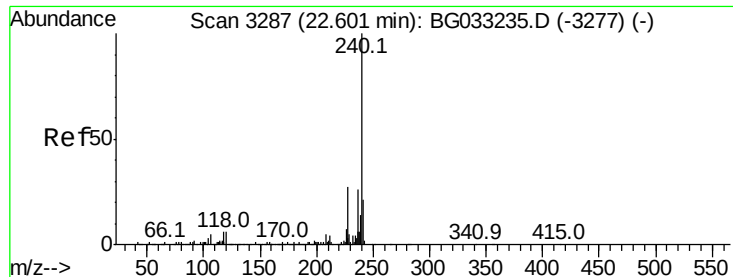
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.0	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 2.695 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	139.4	77.1	115.7#
141	437.7	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

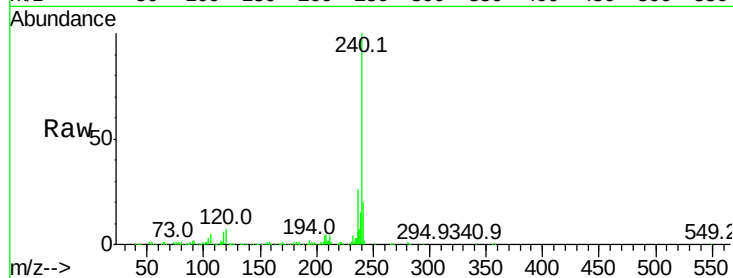
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 335750

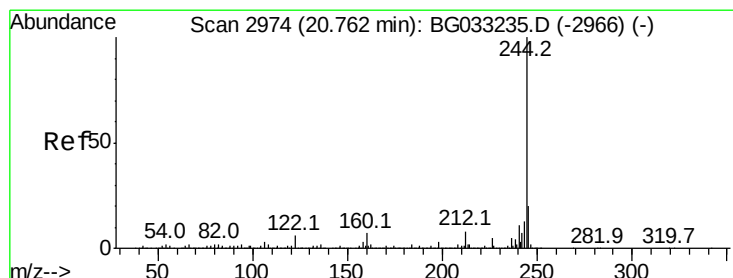
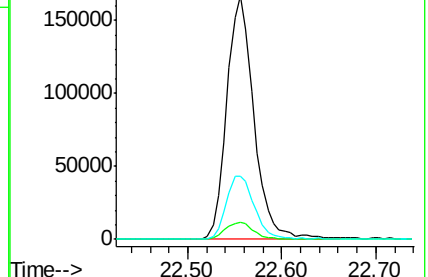
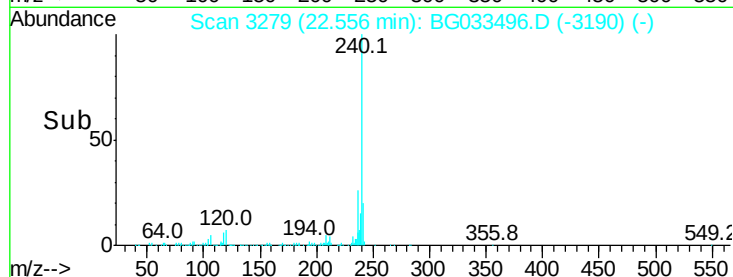
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	26.1	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 71.477 ng

RT: 20.73 min Scan# 2968

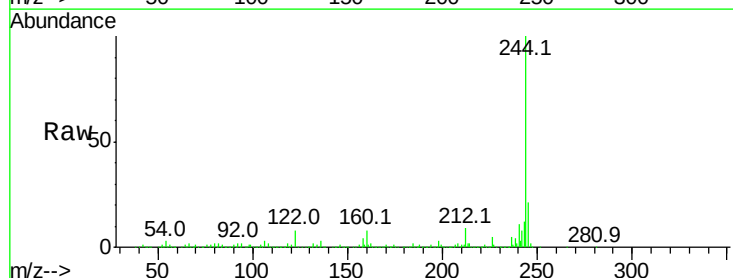
Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Tgt Ion:244 Resp: 1122148

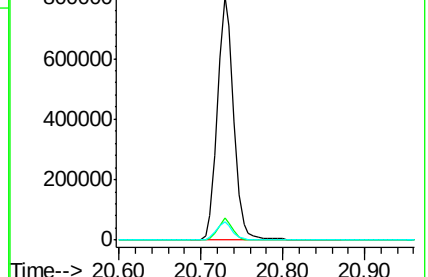
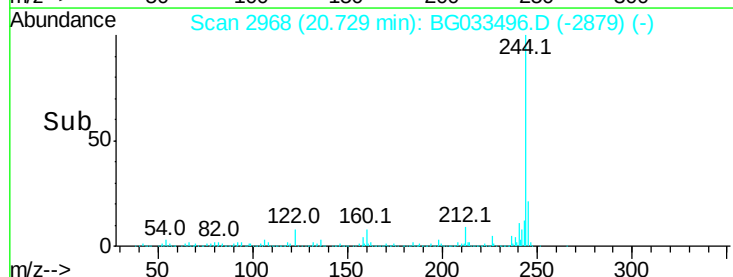
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.5	7.0	10.4

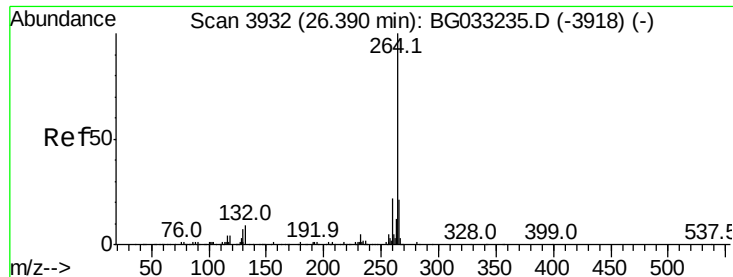


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.8	17.7	26.5

