

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036797.D
 Acq On : 18 Sep 2018 22:24
 Operator : JU/SJ
 Sample : J4922-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:54:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

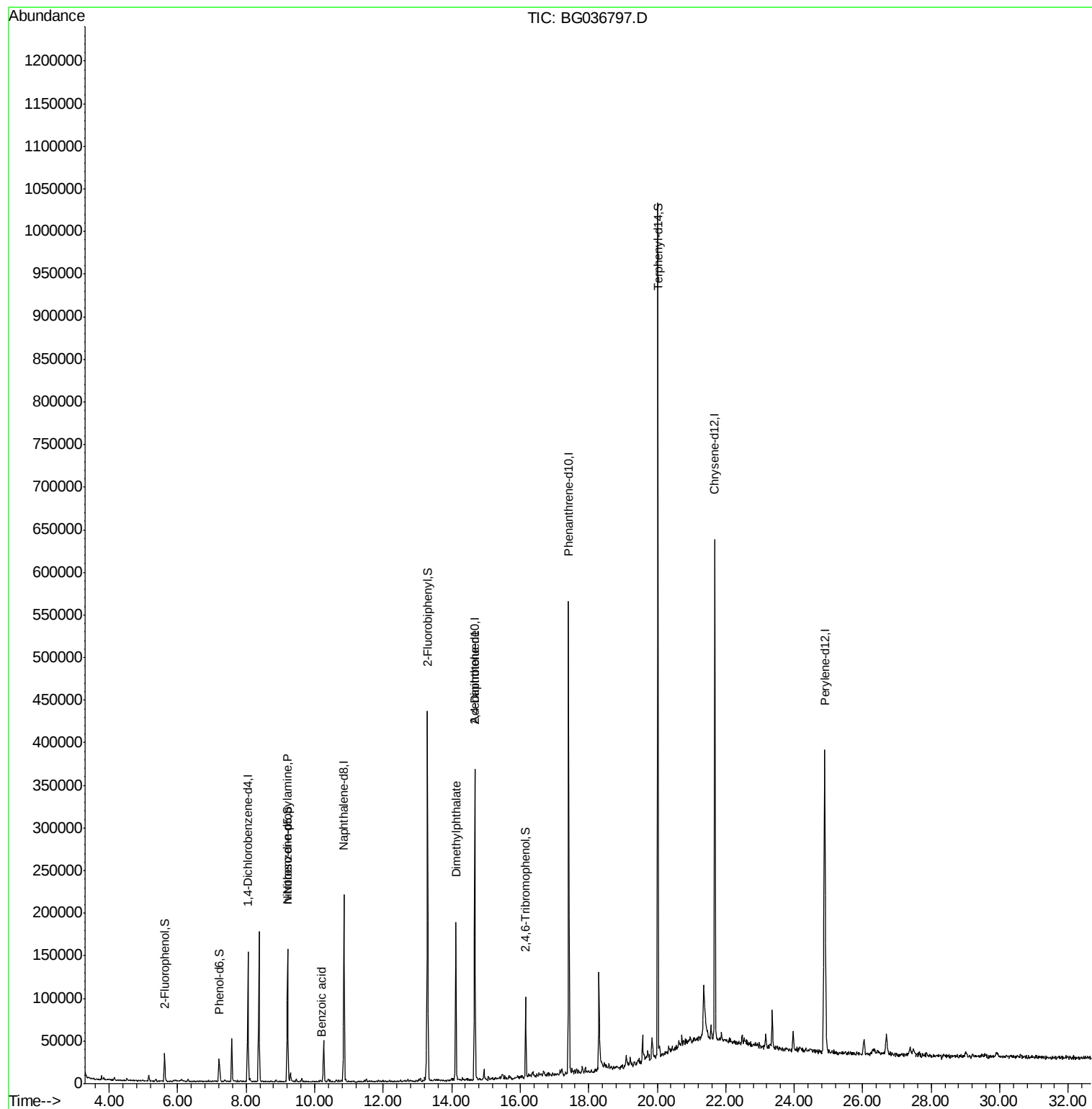
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42295	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	180720	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	126869	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	352749	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	365140	20.00	ng	-0.01
86) Perylene-d12	24.89	264	380217	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	14650	5.49	ng	0.00
7) Phenol-d6	7.20	99	15382	4.03	ng	-0.01
23) Nitrobenzene-d5	9.21	82	95333	28.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	15328	10.13	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	229939	25.88	ng	-0.01
78) Terphenyl-d14	20.02	244	484333	31.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	12341	4.326	ng	# 75
32) Benzoic acid	10.21	122	57	4.506	ng	# 1
49) Dimethylphthalate	14.12	163	122682	11.842	ng	99
56) 2,4-Dinitrotoluene	14.67	165	16297	5.866	ng	# 21

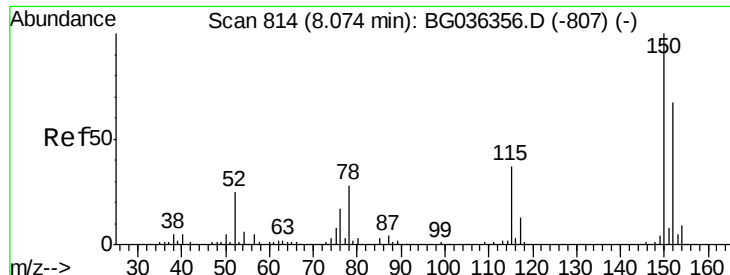
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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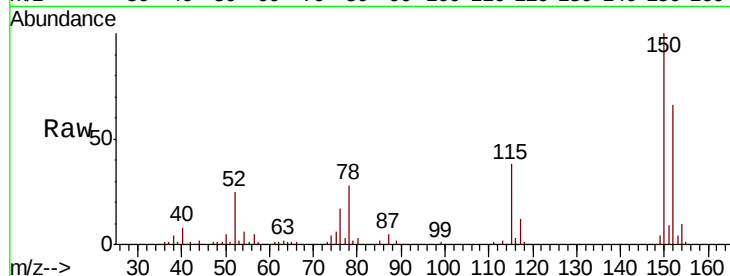


#1

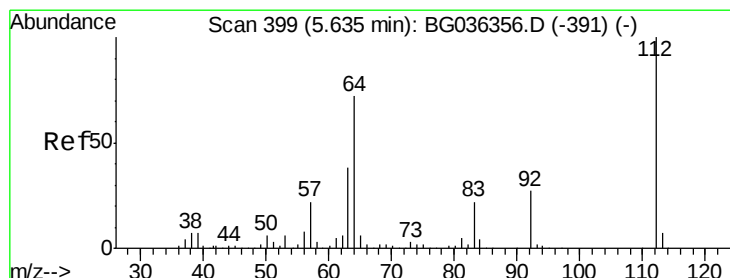
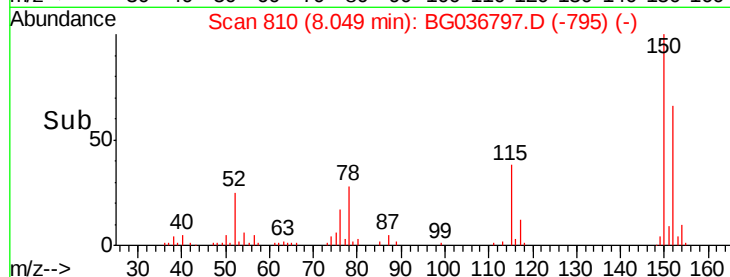
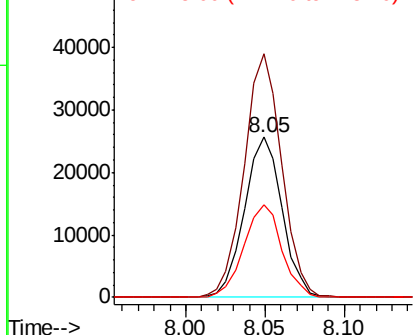
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42295
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 57.9 44.5 66.7



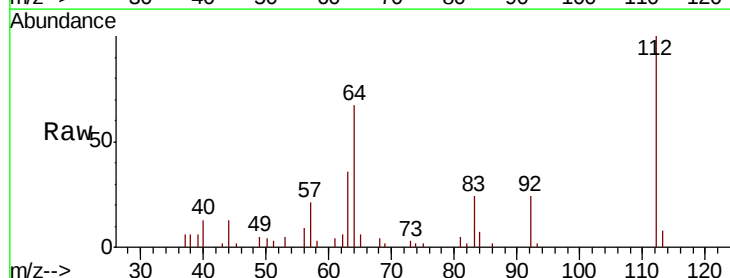
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



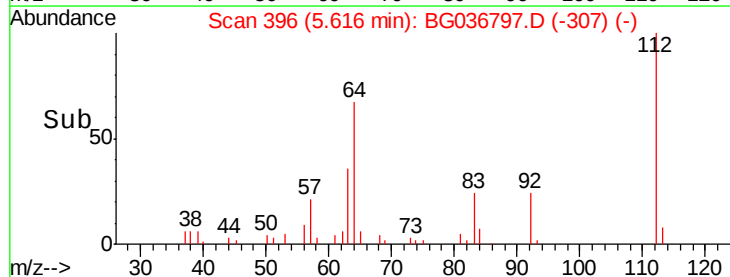
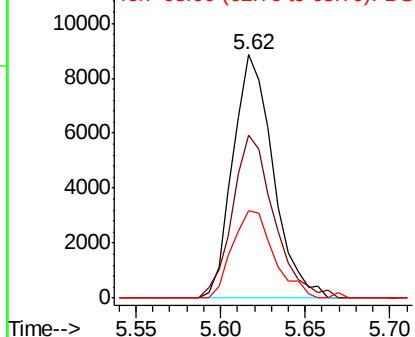
#5

2-Fluorophenol
Concen: 5.495 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:112 Resp: 14650
Ion Ratio Lower Upper
112 100
64 66.8 57.2 85.8
63 35.8 30.8 46.2



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: 4.029 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

Instrument :

BNA_G

ClientSampleId :

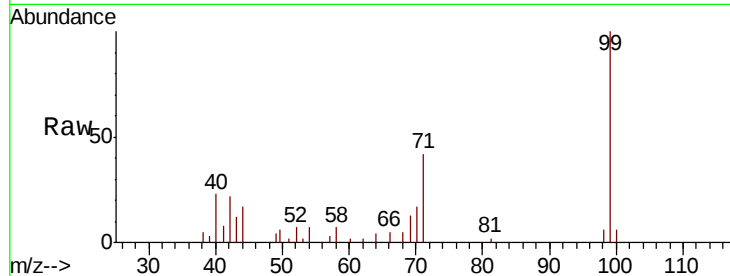
Tot Ion: 99 Resp: 15382

Ion Ratio Lower Upper

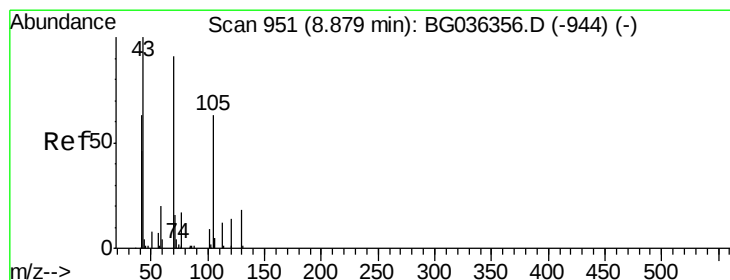
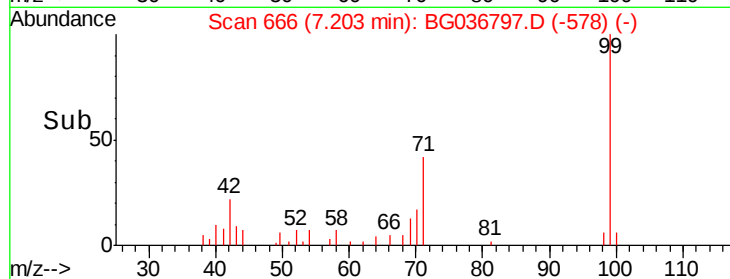
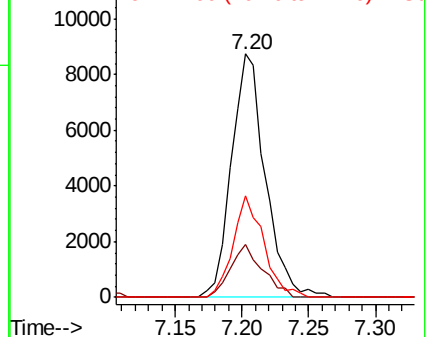
99 100

42 21.7 16.5 24.7

71 41.7 29.4 44.2



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: 4.326 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

Tgt Ion: 70 Resp: 12341

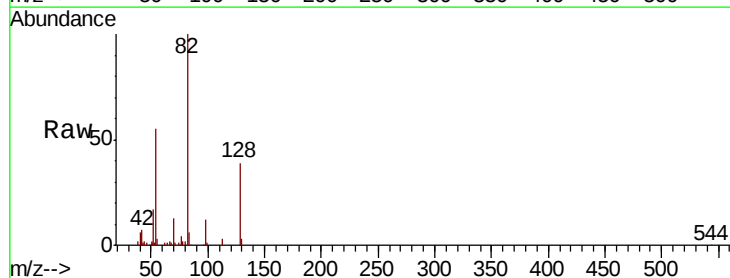
Ion Ratio Lower Upper

70 100

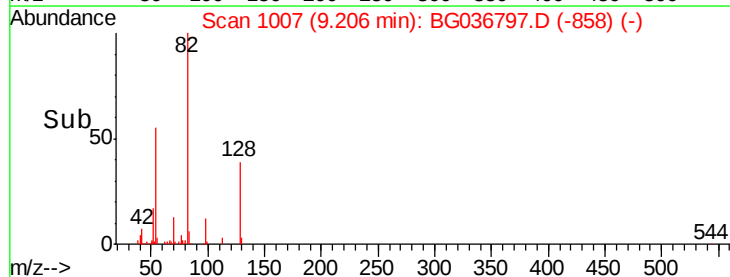
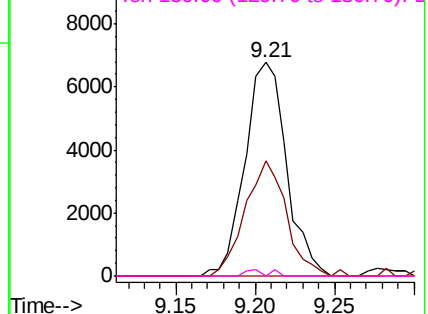
42 54.0 56.2 84.4#

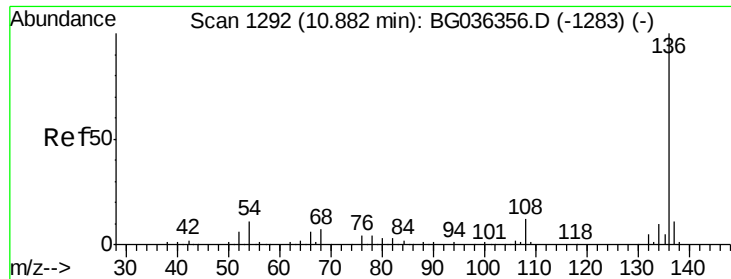
101 0.0 7.8 11.6#

130 0.0 16.2 24.2#



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

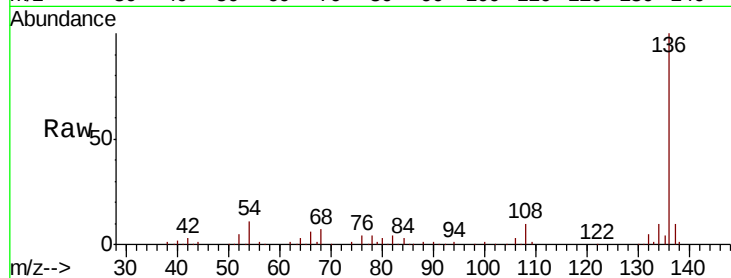




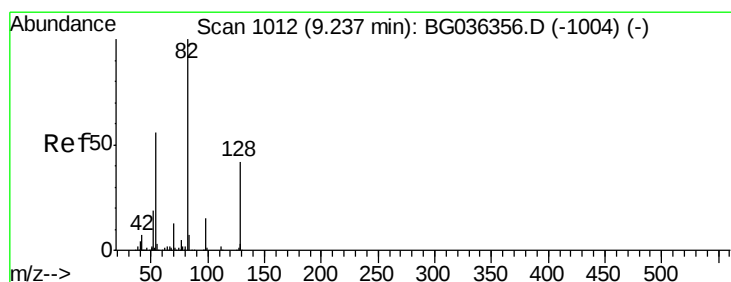
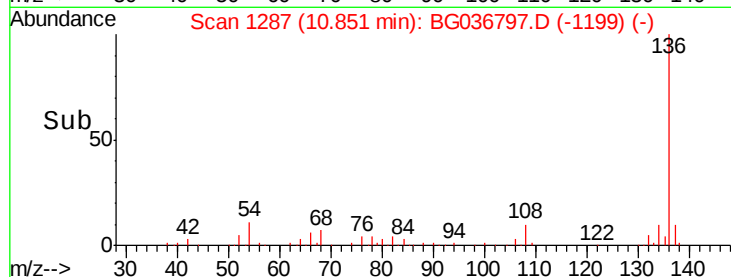
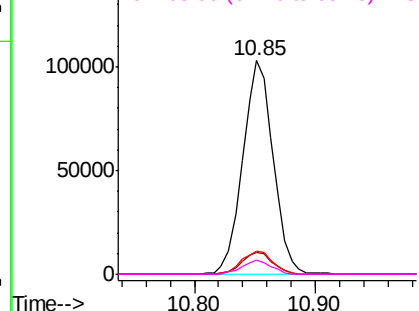
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	180720
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	10.9	9.2 13.8
68	6.8	5.8 8.6

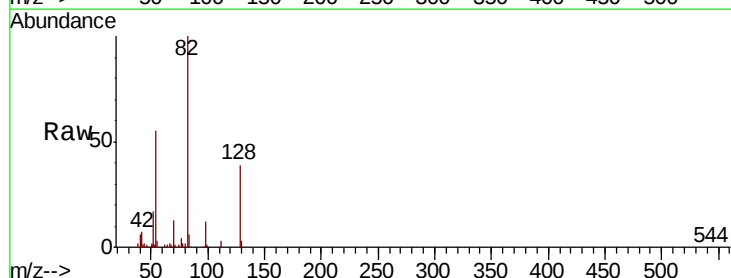


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

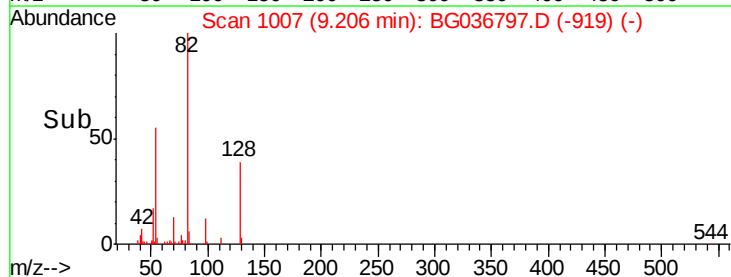
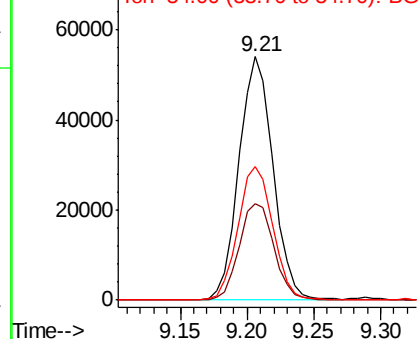


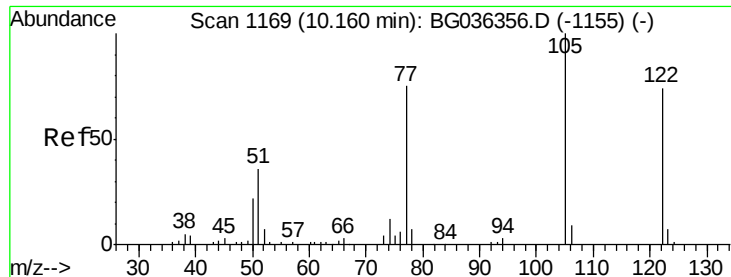
#23
Nitrobenzene-d5
Concen: 28.621 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion: 82	Resp:	95333
Ion	Ratio	Lower Upper
82	100	
128	39.4	33.3 49.9
54	55.0	45.1 67.7



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





#32

Benzoic acid

Concen: 4.506 ng

RT: 10.21 min Scan# 1177

Delta R.T. 0.05 min

Lab File: BG036797.D

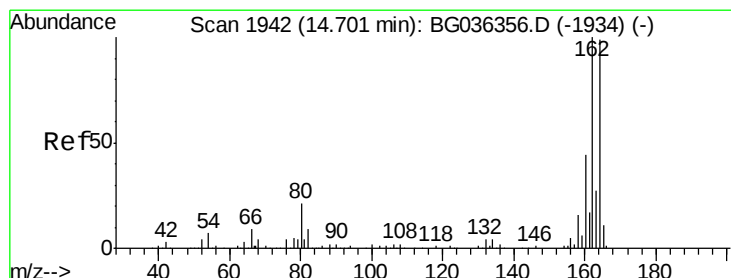
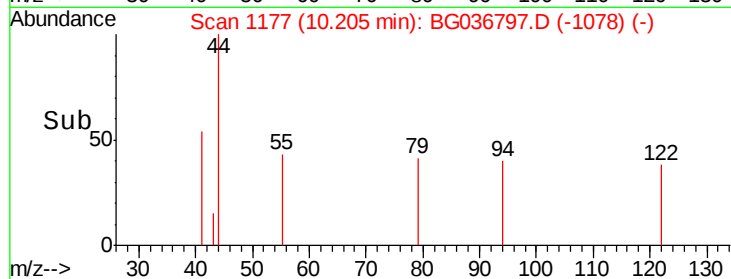
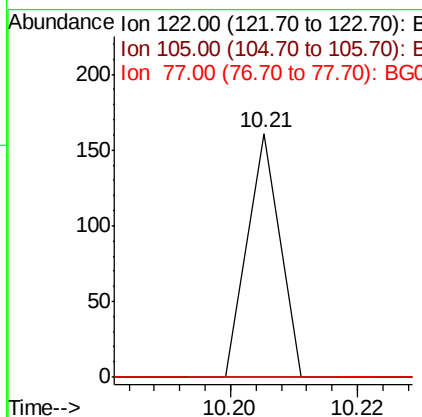
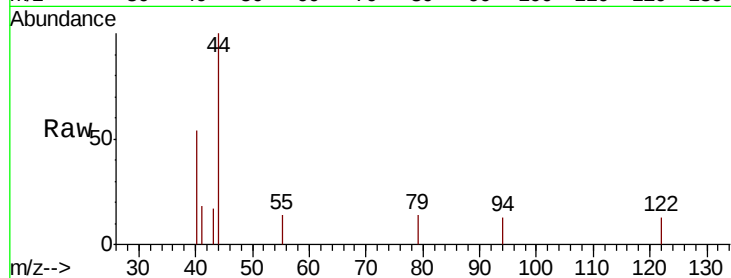
Acq: 18 Sep 2018 22:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	122	Resp:	57
Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

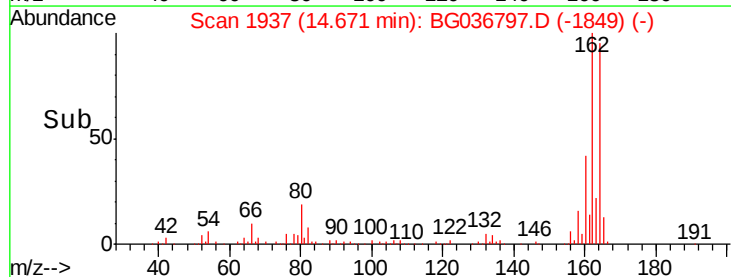
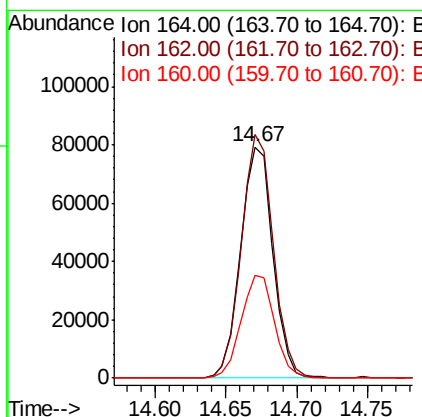
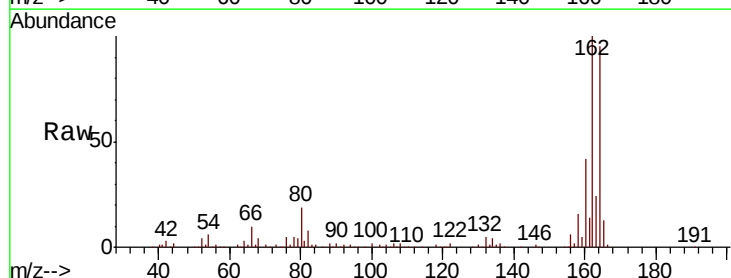
RT: 14.67 min Scan# 1937

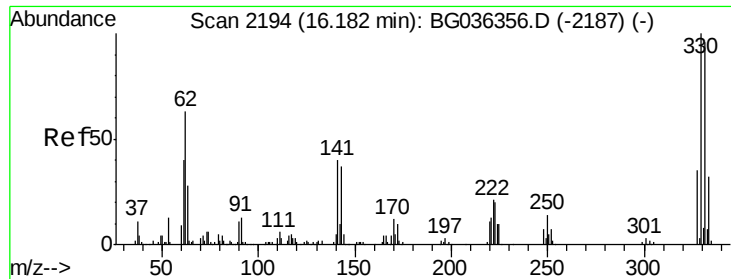
Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

Tgt Ion:	164	Resp:	126869
Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	44.6	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 10.125 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

Instrument :

BNA_G

ClientSampled :

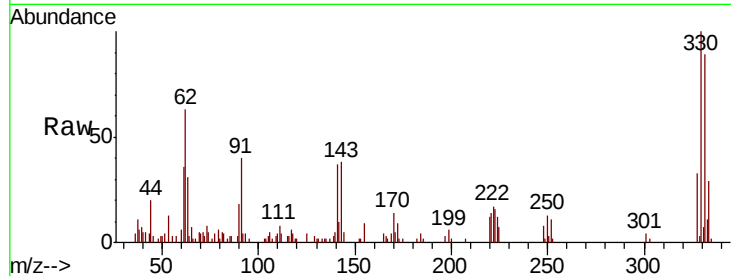
Tot Ion:330 Resp: 15328

Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.2

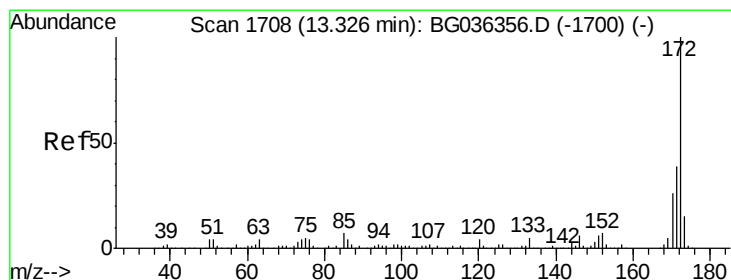
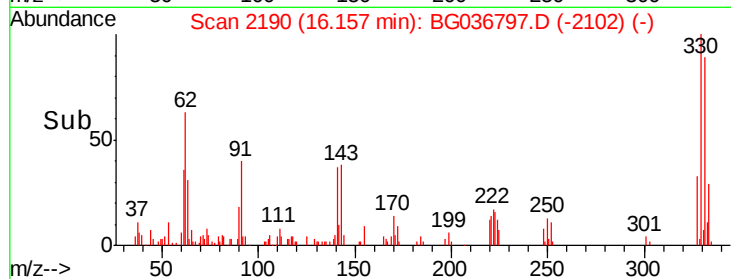
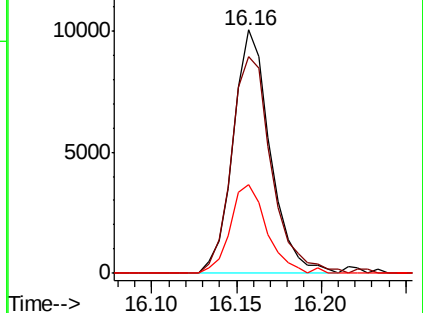
141 36.3 30.7 46.1



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: 25.878 ng

RT: 13.30 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

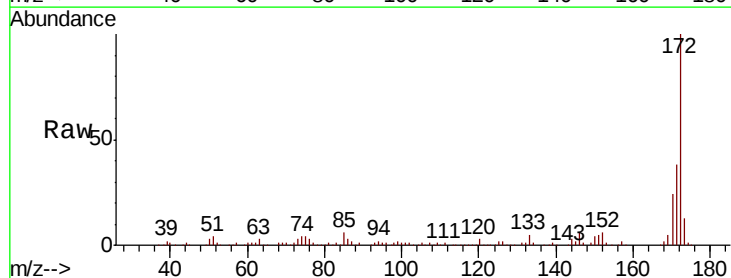
Tgt Ion:172 Resp: 229939

Ion Ratio Lower Upper

172 100

171 37.7 31.3 46.9

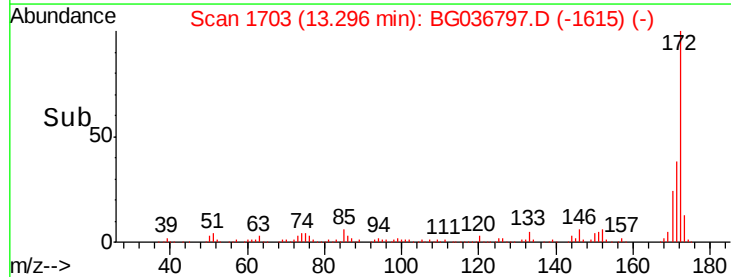
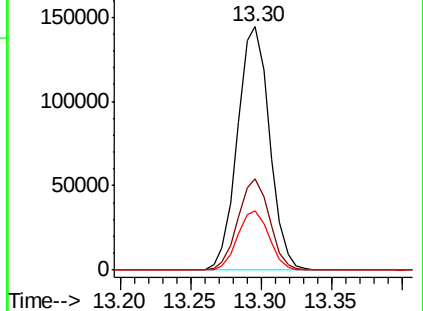
170 24.5 21.0 31.6

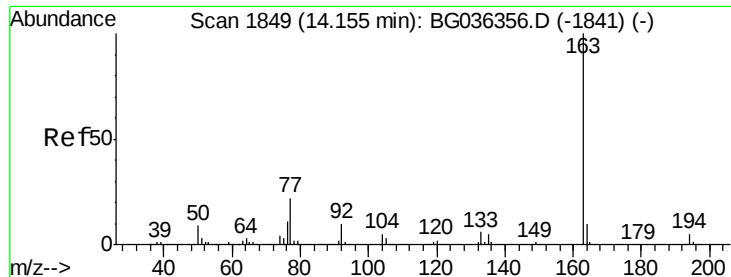


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

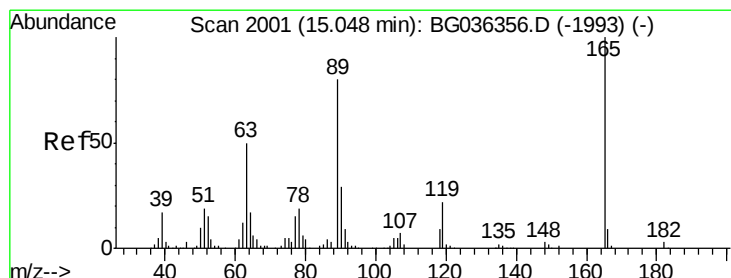
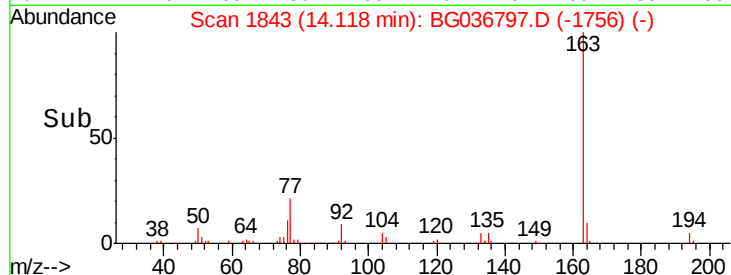
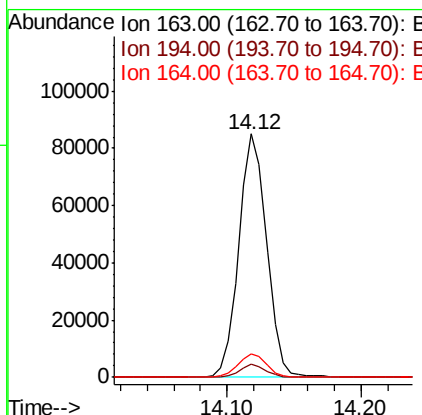
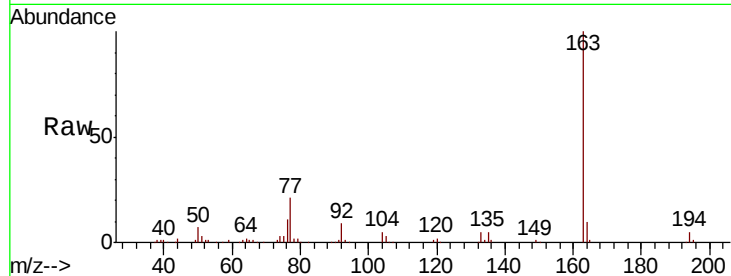




#49
Dimethylphthalate
Concen: 11.842 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

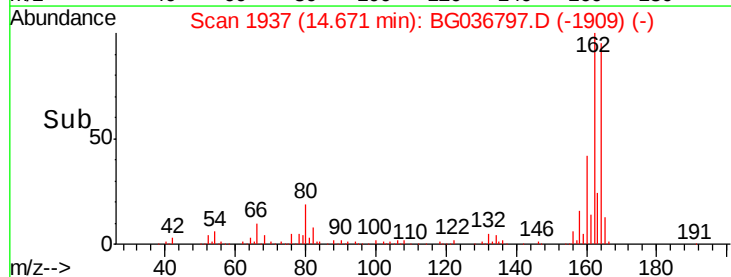
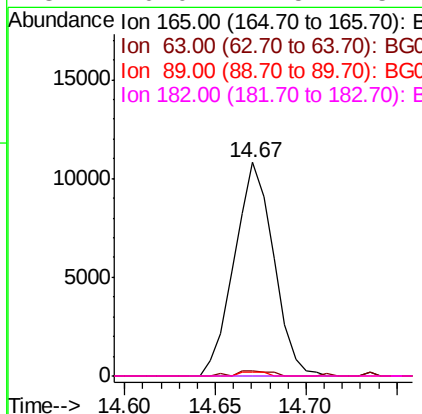
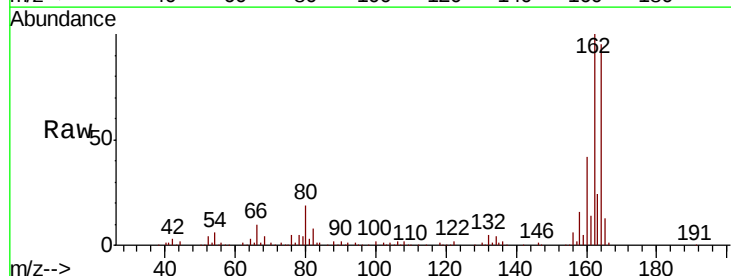
Instrument :
BNA_G
ClientSampled :

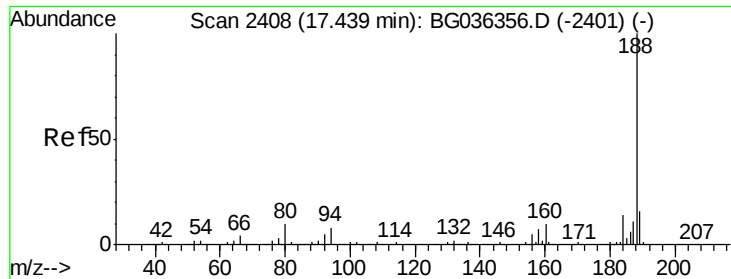
Tot Ion:163 Resp: 122682
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 9.6 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:165 Resp: 16297
Ion Ratio Lower Upper
165 100
63 2.4 40.1 60.1#
89 2.1 63.7 95.5#
182 0.0 2.5 3.7#

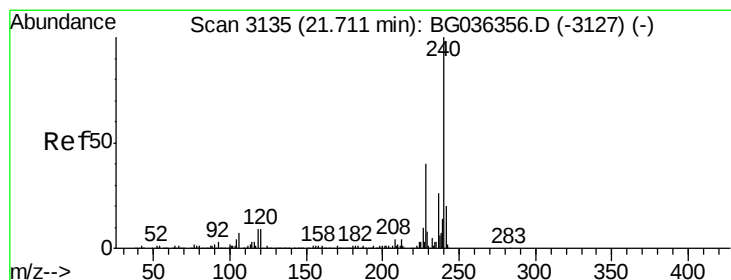
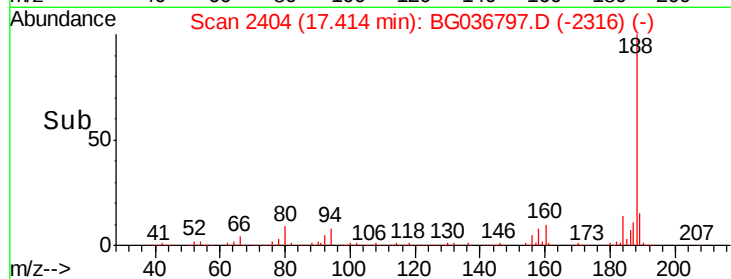
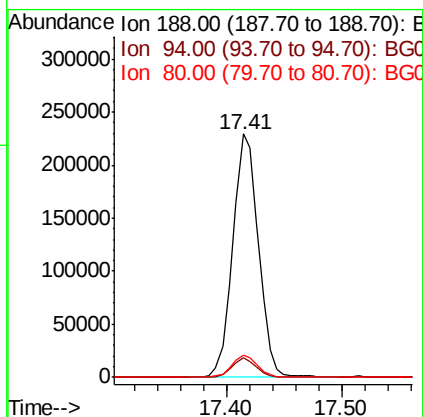
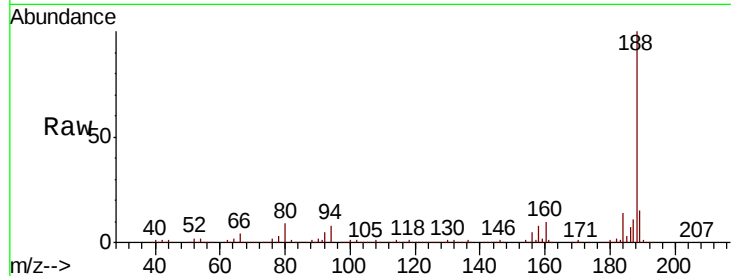




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

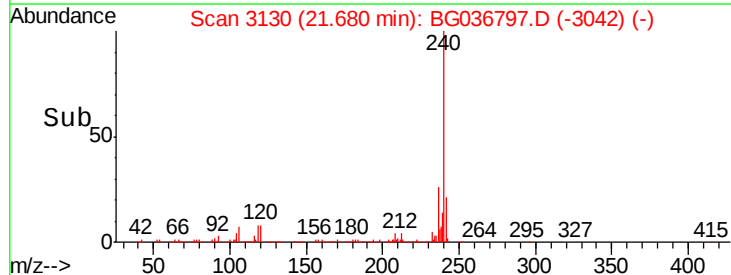
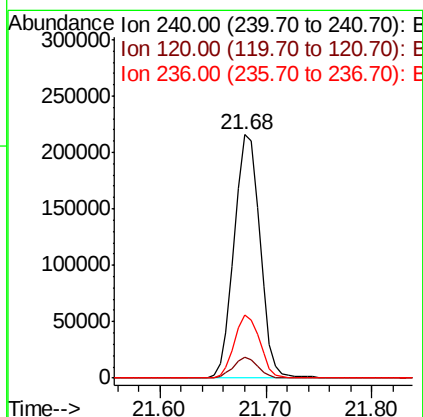
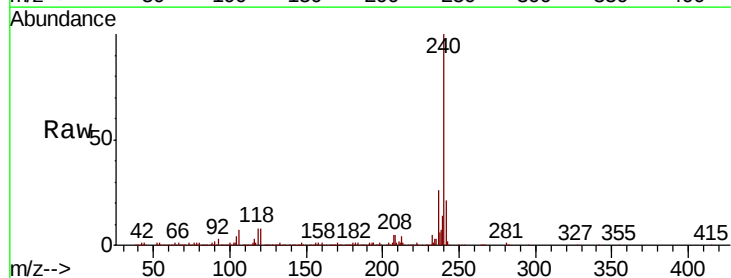
Instrument :
BNA_G
ClientSampleId :

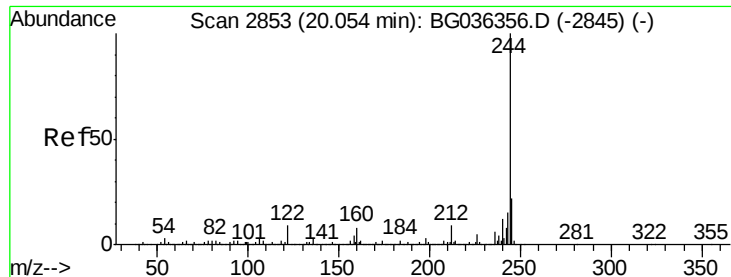
Tot Ion:188 Resp: 352749
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036797.D
Acq: 18 Sep 2018 22:24

Tgt Ion:240 Resp: 365140
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 31.003 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

Instrument :

BNA_G

ClientSampleId :

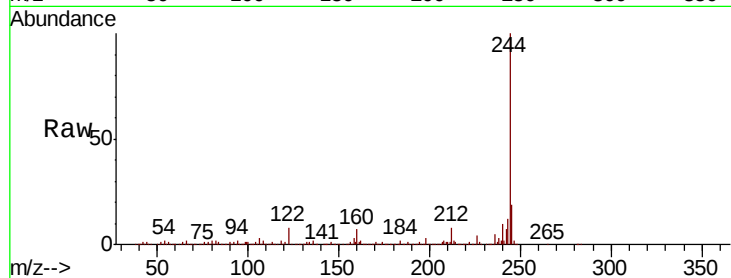
Tot Ion:244 Resp: 484333

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

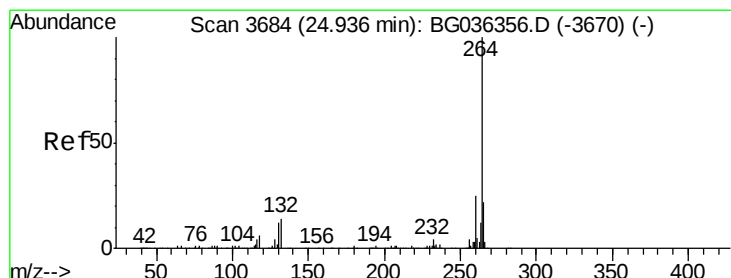
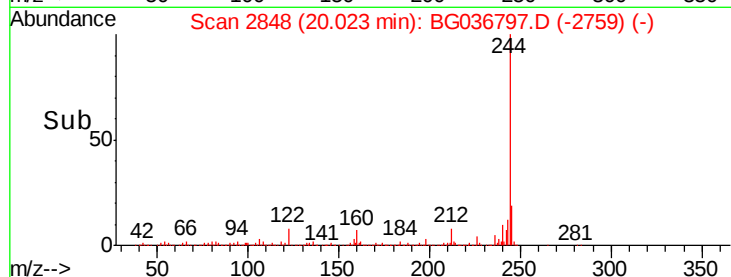
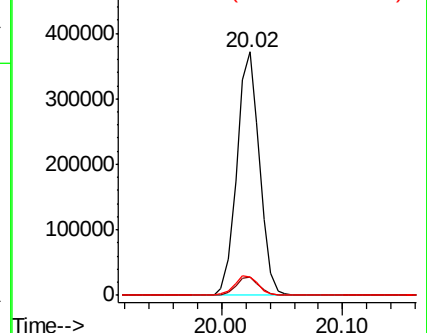
122 7.8 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036797.D

Acq: 18 Sep 2018 22:24

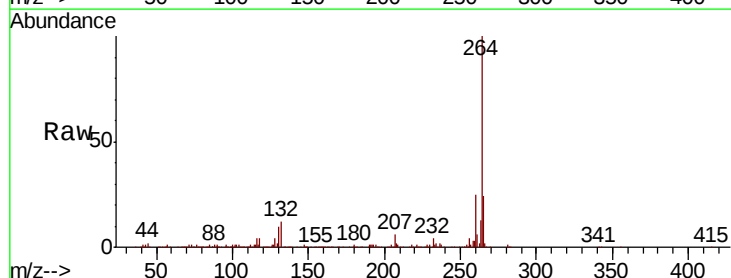
Tgt Ion:264 Resp: 380217

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 23.8 17.4 26.0



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

