

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035388.D
 Acq On : 25 Jun 2018 21:26
 Operator : JU/SJ
 Sample : PB110552BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 01:03:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

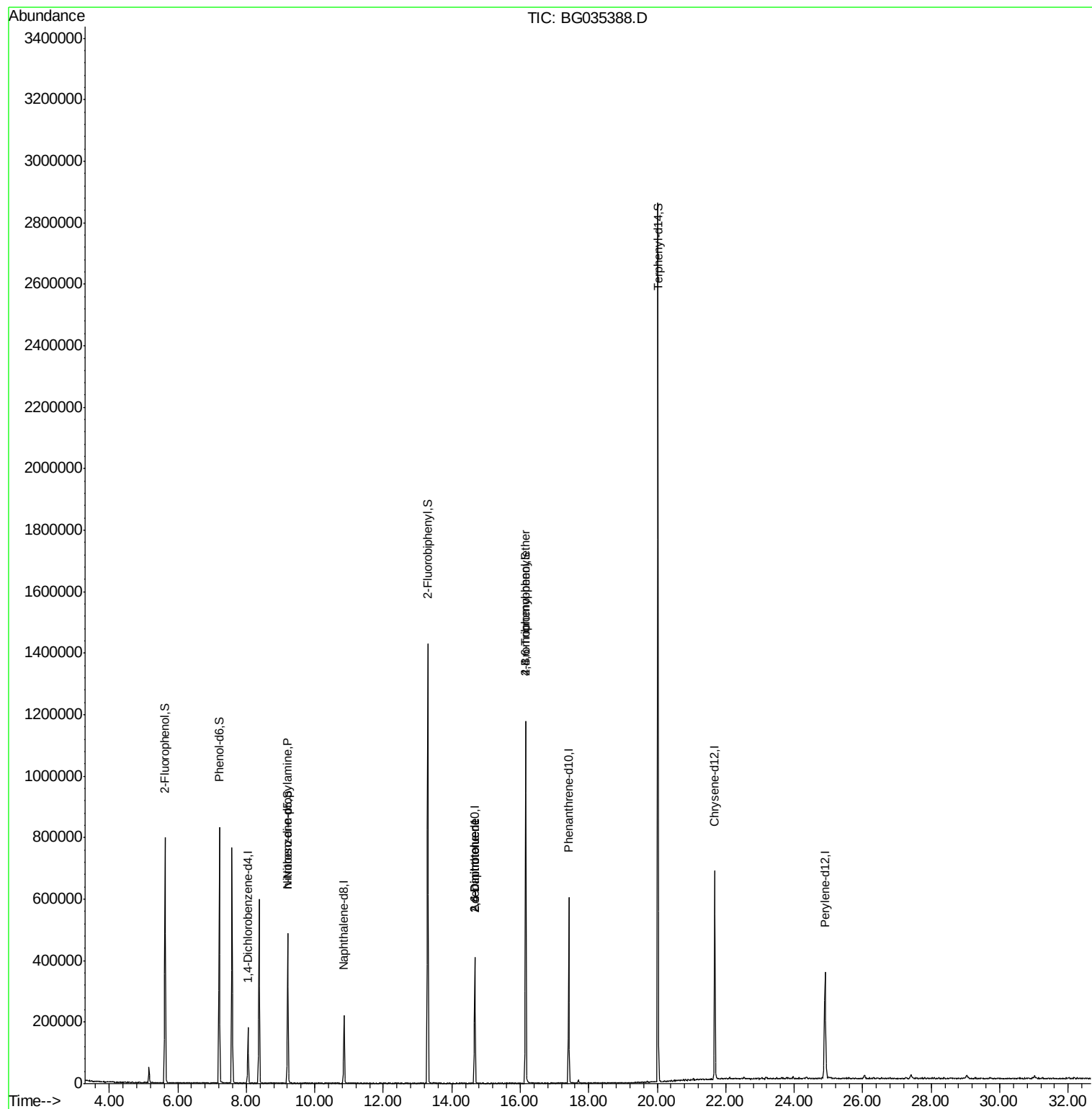
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52203	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	193966	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	138452	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	389338	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	428297	20.00	ng	-0.04
86) Perylene-d12	24.89	264	401929	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	340038	109.93	ng	-0.02
7) Phenol-d6	7.21	99	501826	109.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	319584	78.32	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	227965	128.62	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	761292	71.48	ng	-0.03
78) Terphenyl-d14	20.02	244	1414391	69.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	43531	11.223	ng	# 62
50) 2,6-Dinitrotoluene	14.67	165	20259	9.198	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	20259	6.924	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	17667	3.768	ng	# 1

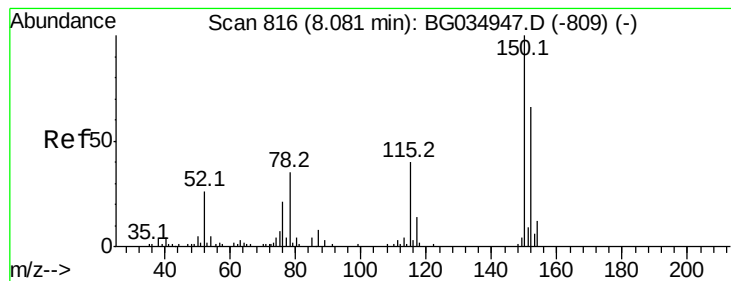
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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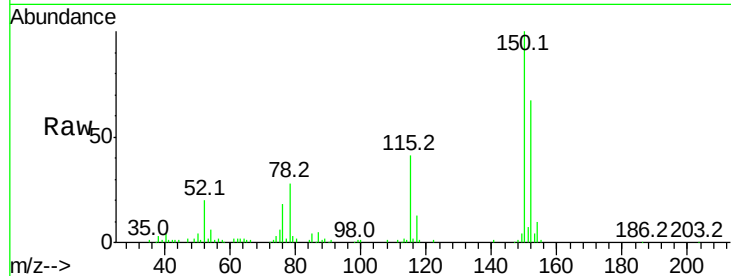


#1

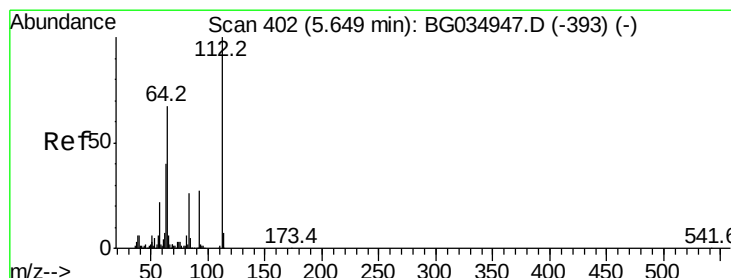
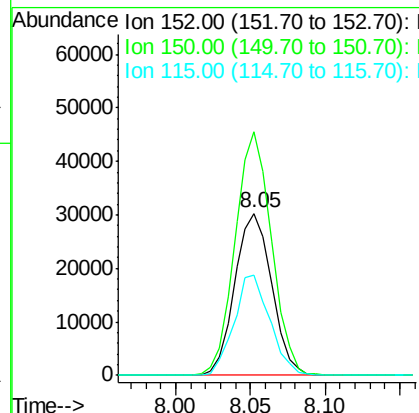
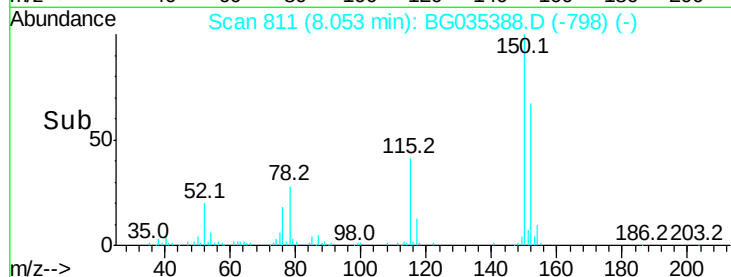
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 52203
Ion Ratio Lower Upper
152 100
150 150.0 126.6 189.8
115 61.4 53.0 79.4



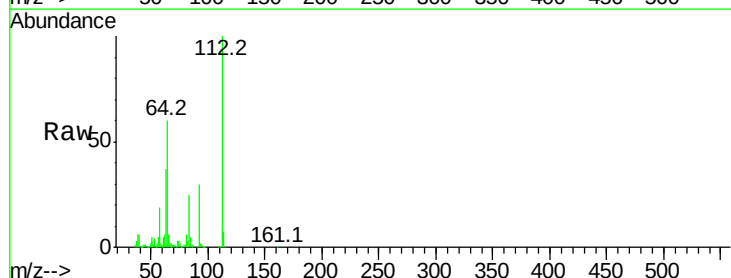
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



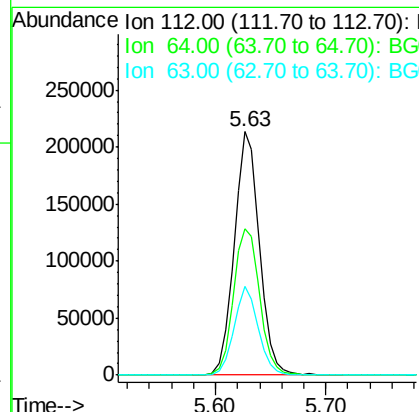
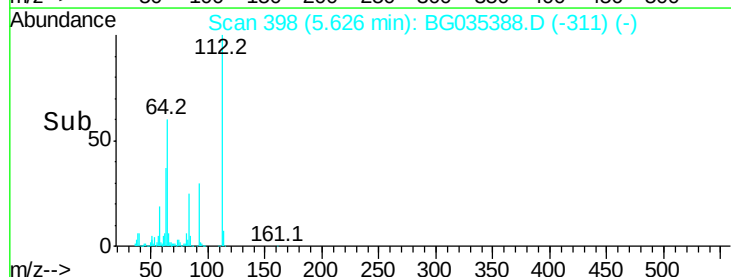
#5

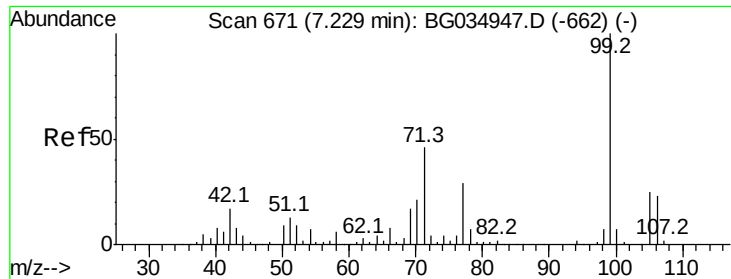
2-Fluorophenol
Concen: 109.927 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

Tgt Ion:112 Resp: 340038
Ion Ratio Lower Upper
112 100
64 60.2 56.3 84.5
63 36.5 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: 109.916 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

Instrument :

BNA_G

ClientSampleId :

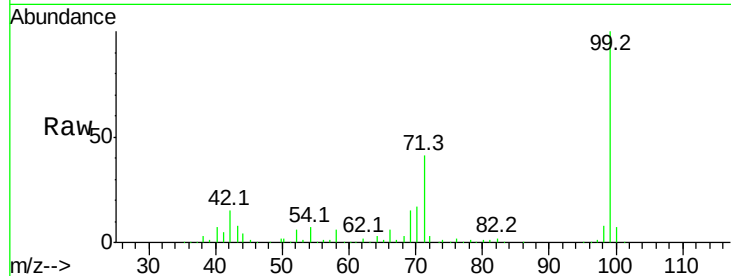
Tot Ion: 99 Resp: 501826

Ion Ratio Lower Upper

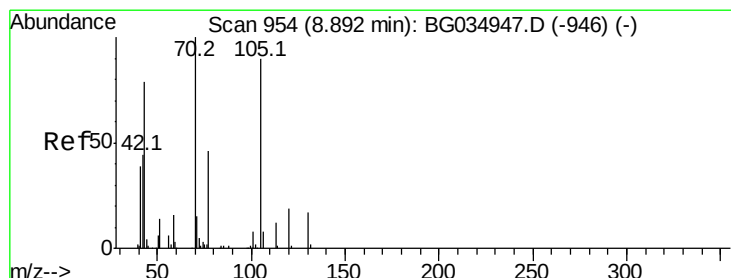
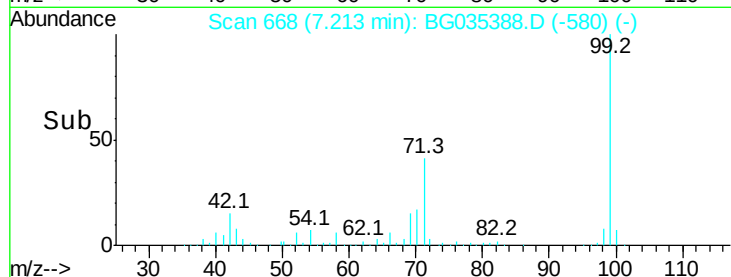
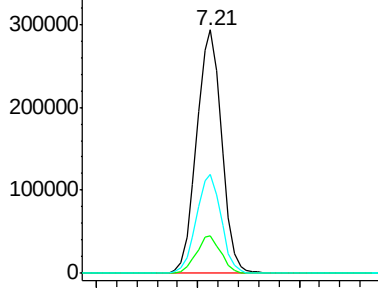
99 100

42 15.2 14.1 21.1

71 40.7 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: 11.223 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

Tgt Ion: 70 Resp: 43531

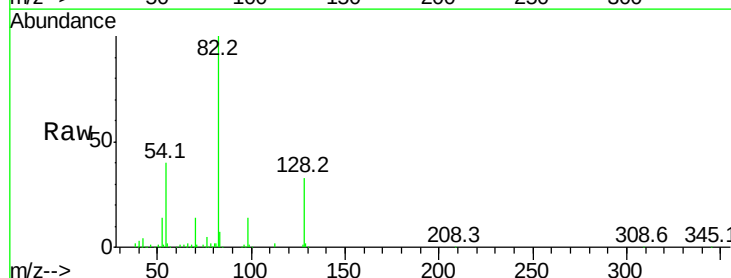
Ion Ratio Lower Upper

70 100

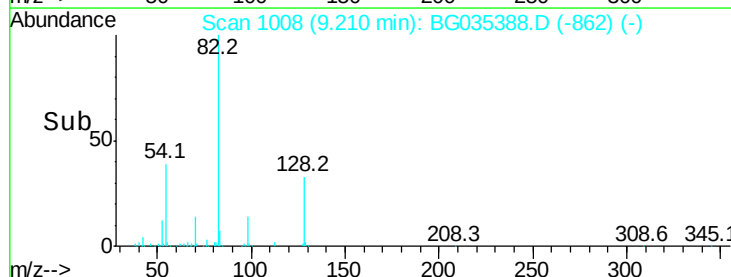
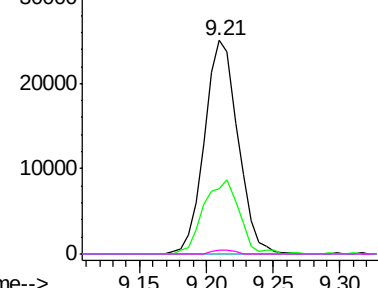
42 30.6 49.1 73.7#

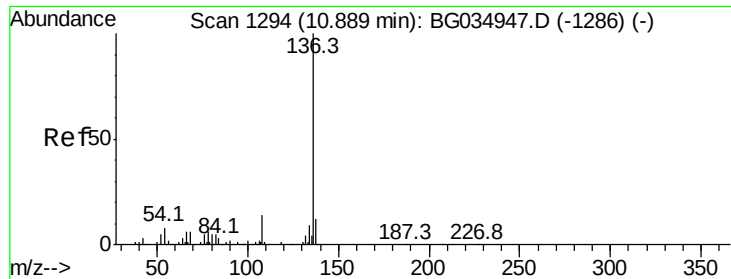
101 0.0 8.5 12.7#

130 1.9 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

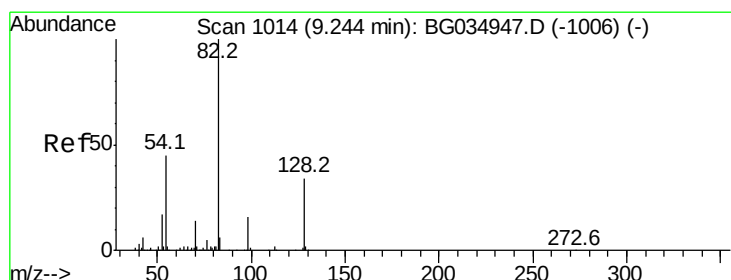
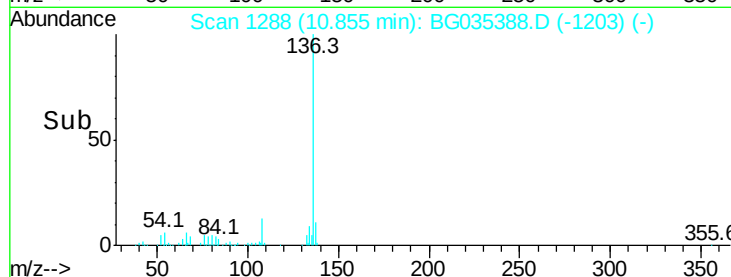
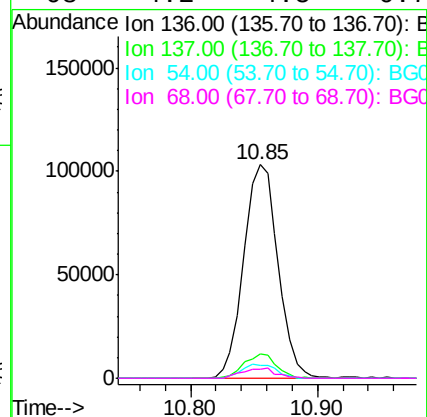
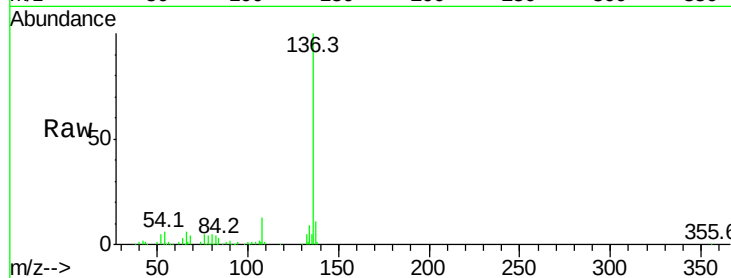




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

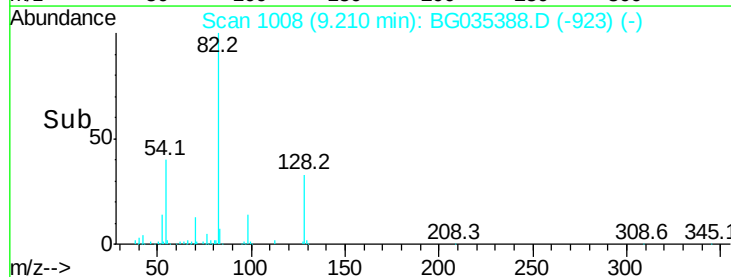
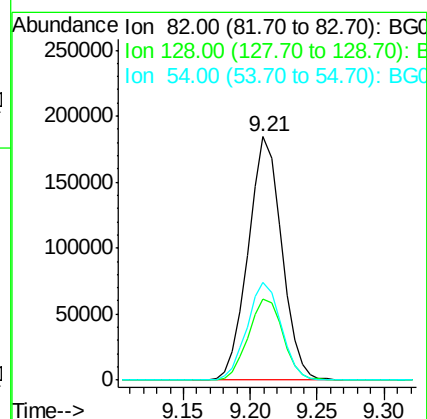
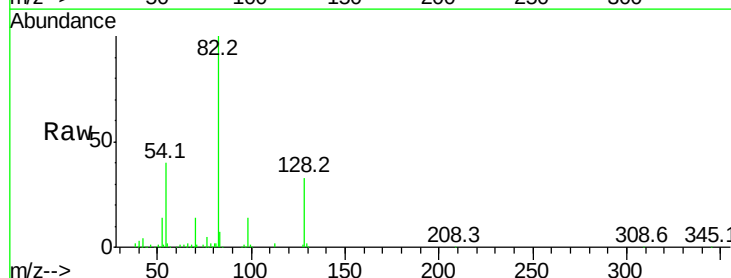
Instrument :
BNA_G
ClientSampleId :

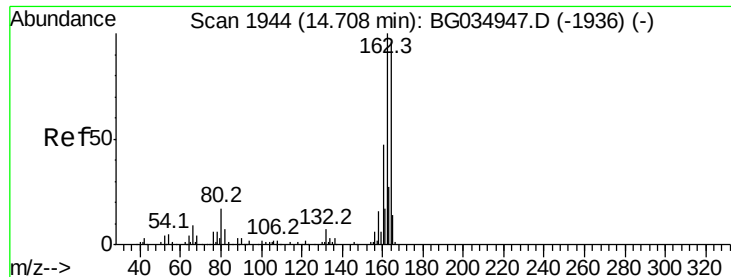
Tot Ion:	136	Resp:	193966
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.2	10.3	15.5#
68	4.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 78.319 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

Tgt Ion:	82	Resp:	319584
Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.7	44.5
54	40.0	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

Instrument :

BNA_G

ClientSampleId :

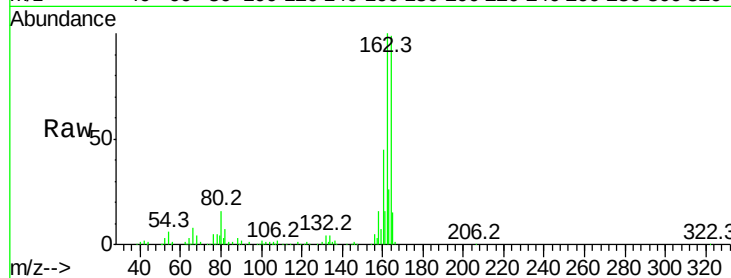
Tot Ion:164 Resp: 138452

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

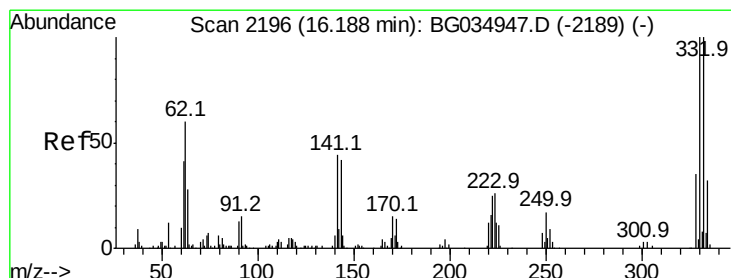
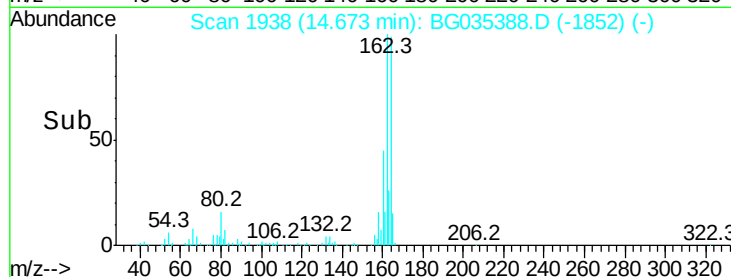
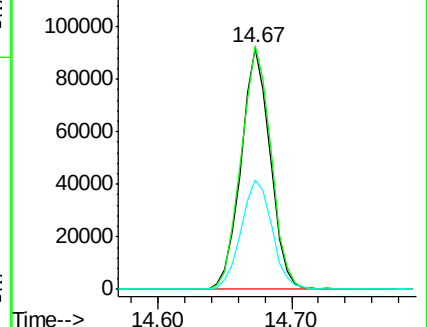
160 45.4 35.4 53.0



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: 128.622 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

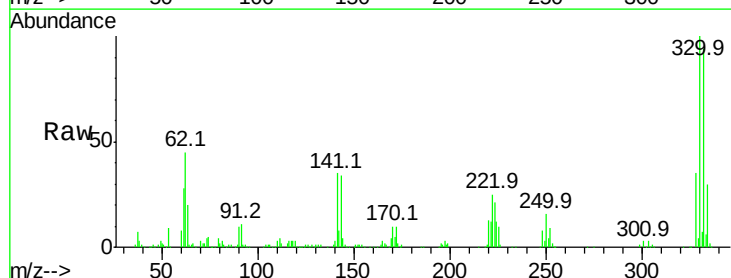
Tgt Ion:330 Resp: 227965

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

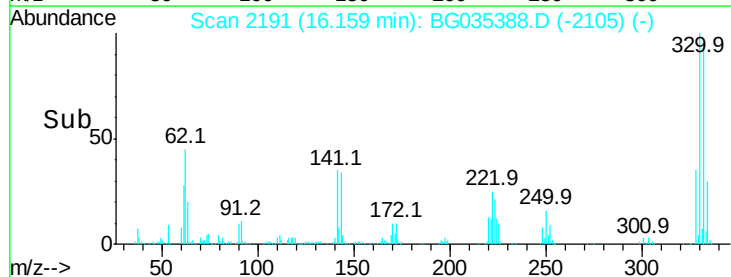
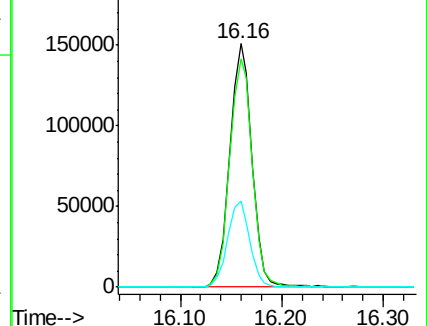
141 35.7 25.2 37.8

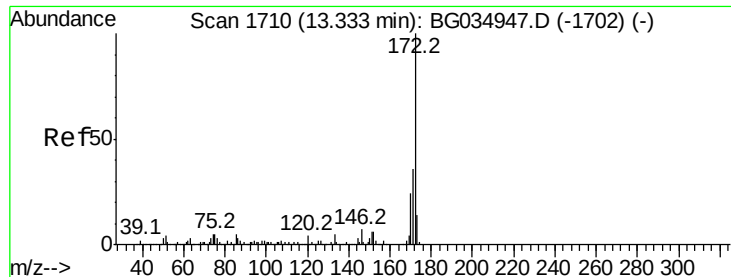


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

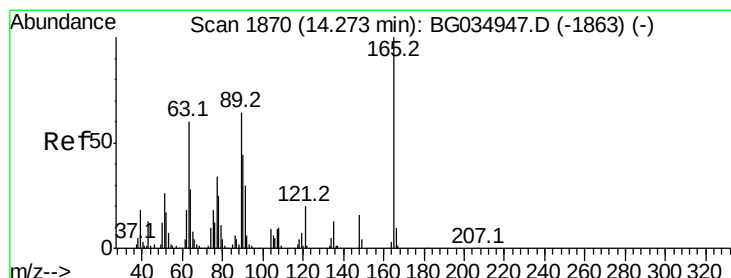
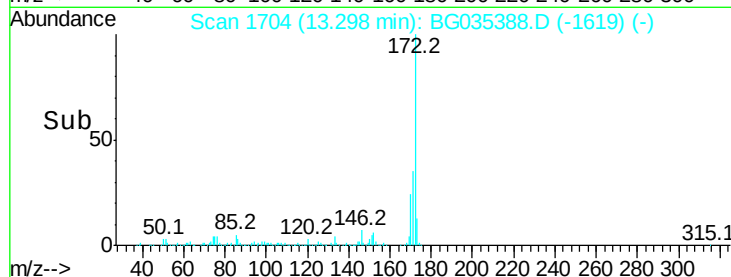
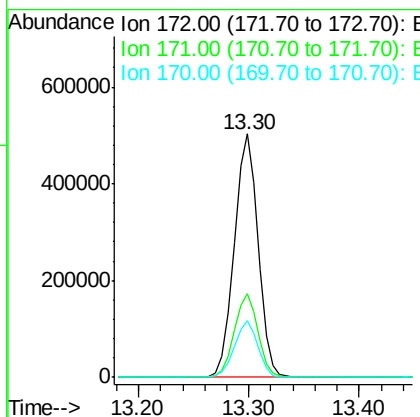
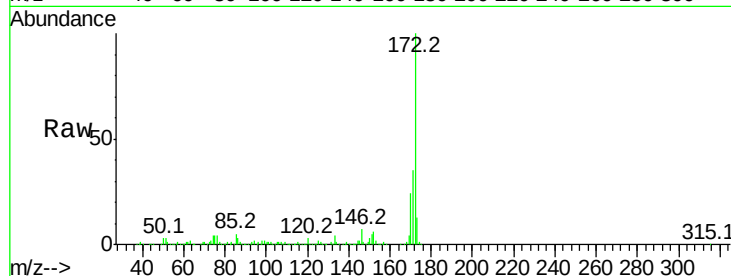




#44
2-Fluorobiphenyl
Concen: 71.482 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

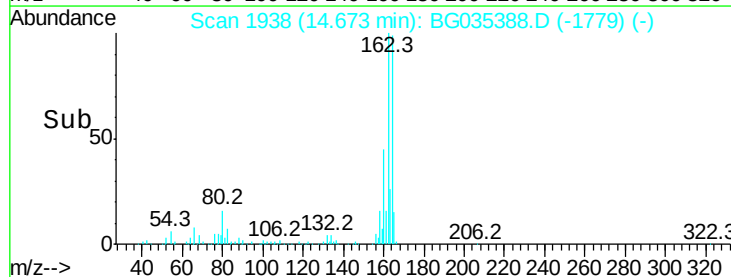
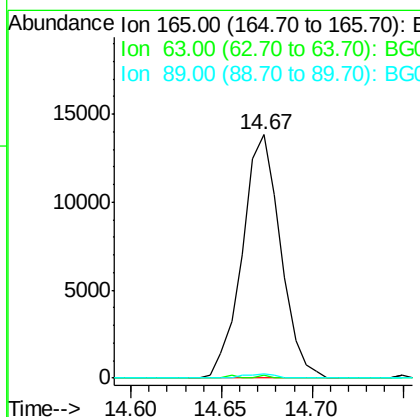
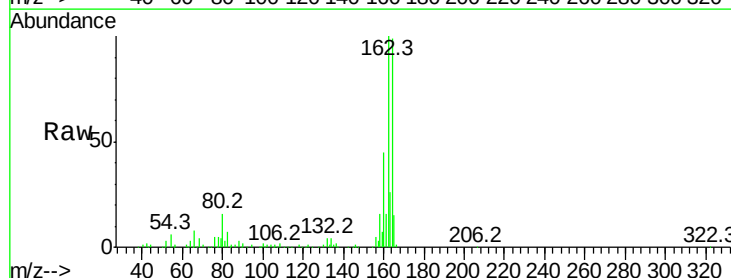
Instrument :
BNA_G
ClientSampleId :

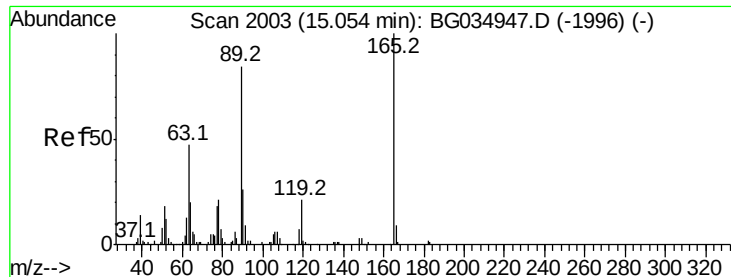
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.5	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 9.198 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.41 min
Lab File: BG035388.D
Acq: 25 Jun 2018 21:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	1.9	49.2	73.8#

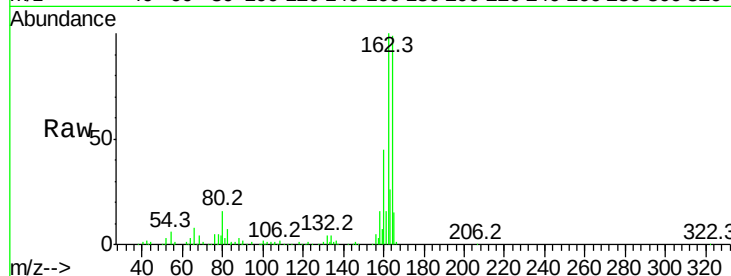




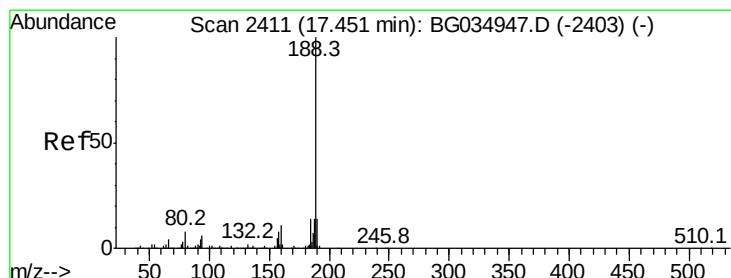
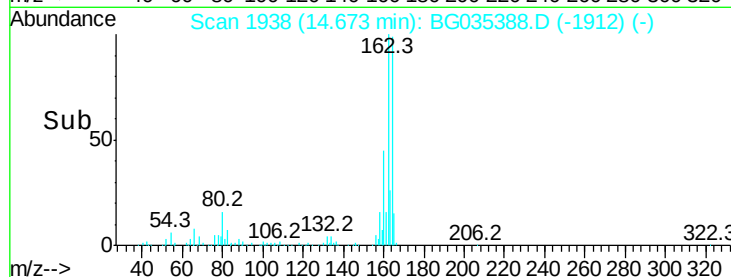
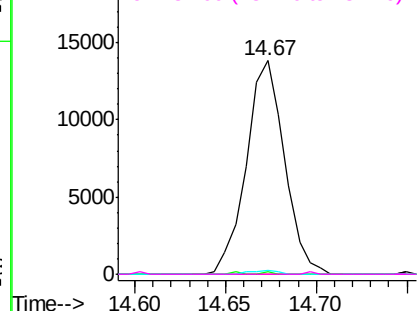
#56
 2,4-Dinitrotoluene
 Concen: 6.924 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035388.D
 Acq: 25 Jun 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20259
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

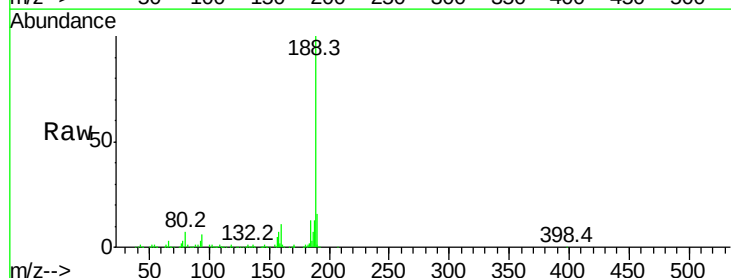


Abundance Ion 165.00 (164.70 to 165.70): E

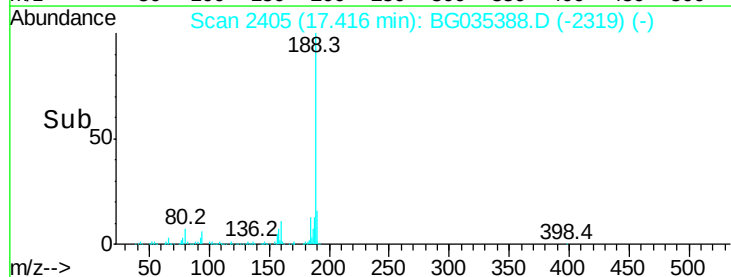
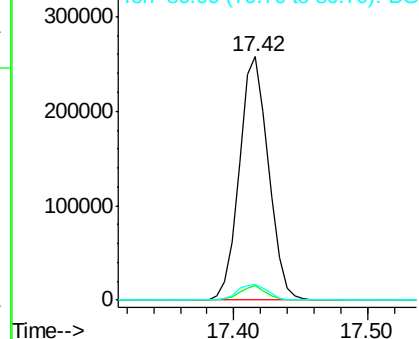


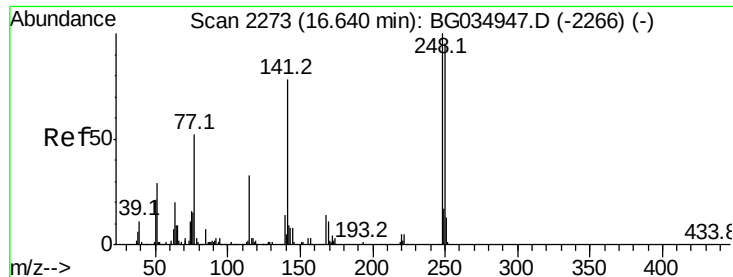
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035388.D
 Acq: 25 Jun 2018 21:26

Tgt Ion:188 Resp: 389338
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 6.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

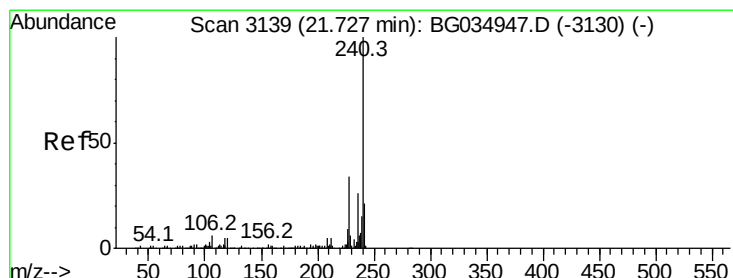
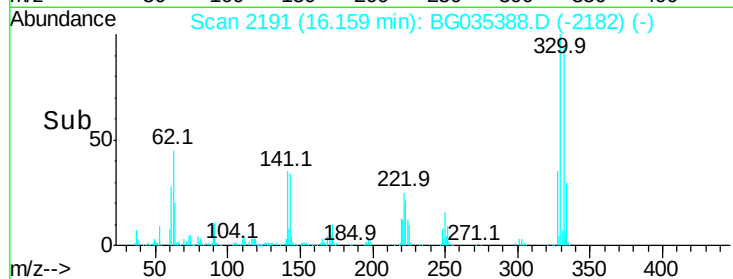
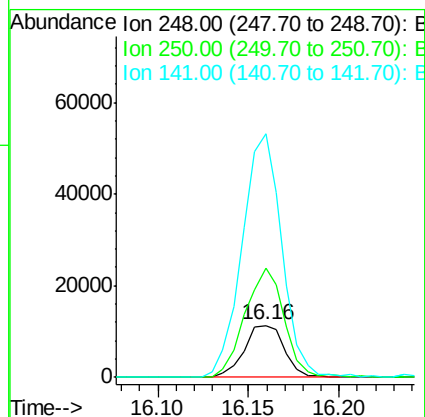
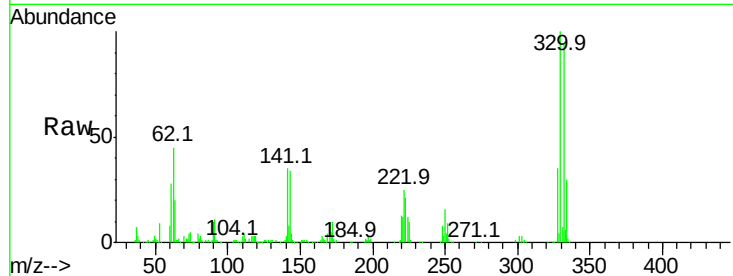




#66
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035388.D
 Acq: 25 Jun 2018 21:26

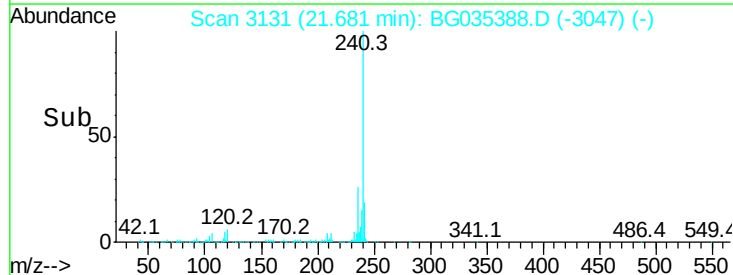
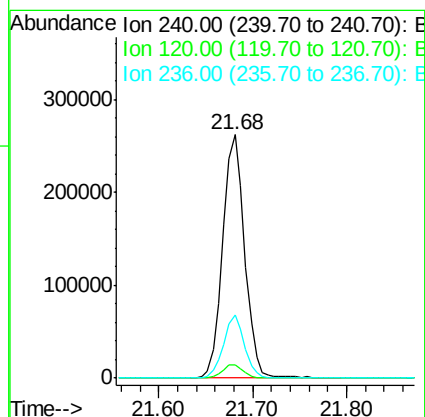
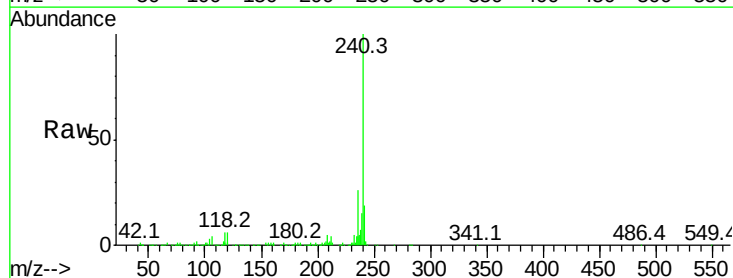
Instrument :
 BNA_G
 ClientSampleId :

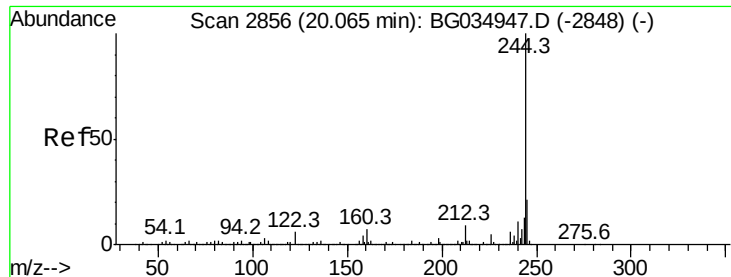
Tot Ion:248 Resp: 17667
 Ion Ratio Lower Upper
 248 100
 250 210.0 77.1 115.7#
 141 465.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035388.D
 Acq: 25 Jun 2018 21:26

Tgt Ion:240 Resp: 428297
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 69.174 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

Instrument :

BNA_G

ClientSampled :

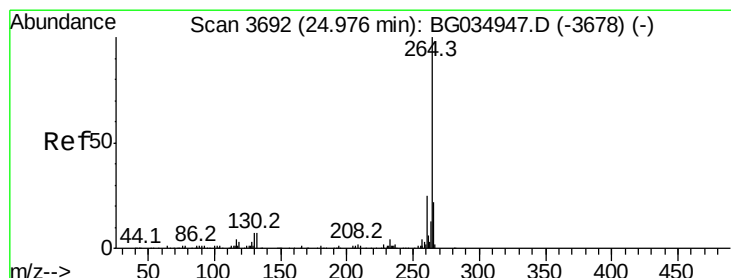
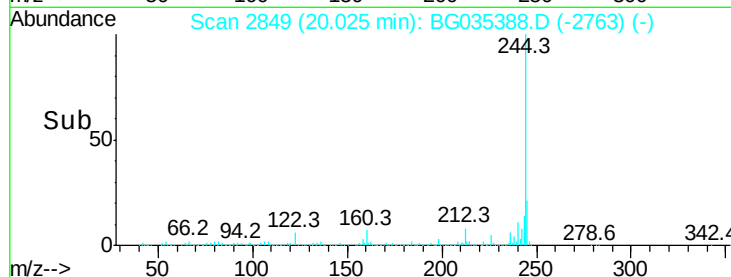
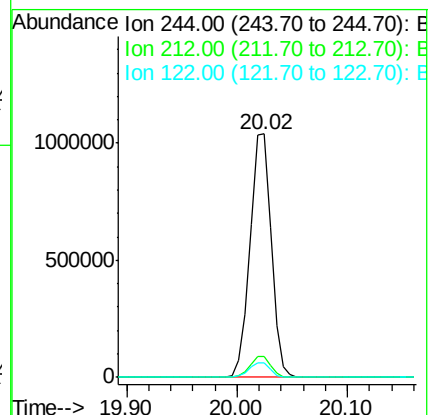
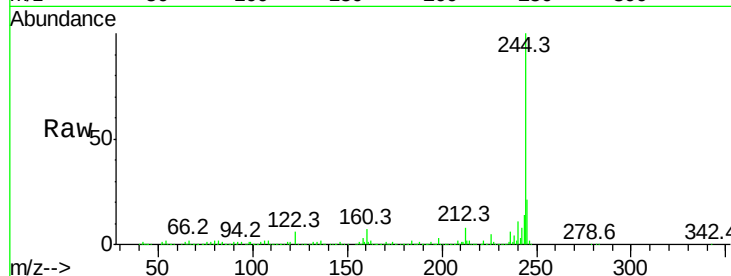
Tot Ion:244 Resp: 1414391

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 5.8 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035388.D

Acq: 25 Jun 2018 21:26

Tgt Ion:264 Resp: 401929

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.7 17.7 26.5

