

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036783.D
 Acq On : 18 Sep 2018 11:15
 Operator : JU/SJ
 Sample : J4936-30
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 12:37:04 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

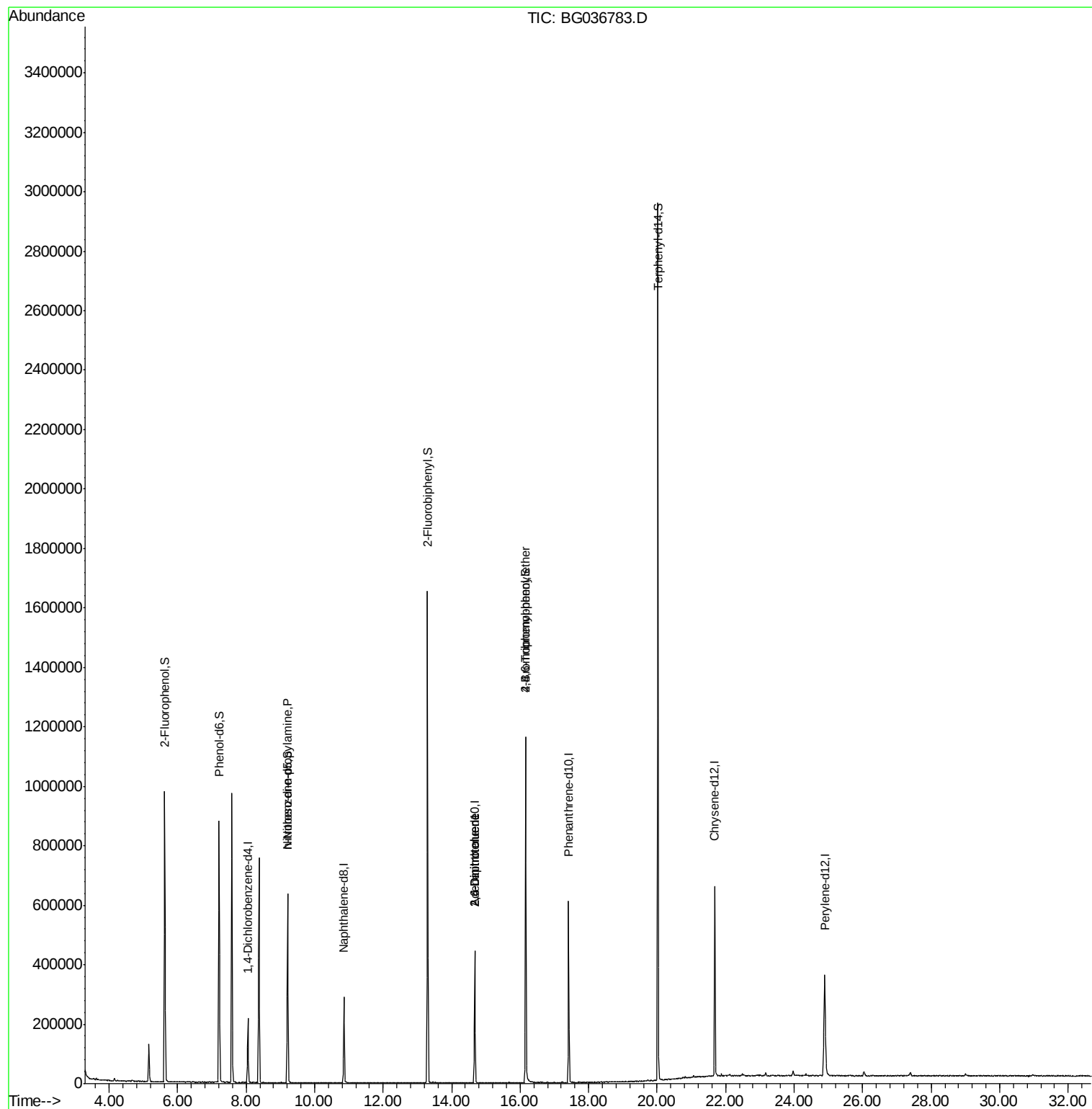
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60555	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	247377	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156932	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	389279	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	398906	20.00	ng	0.00
86) Perylene-d12	24.89	264	388470	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	399396	104.63	ng	0.00
7) Phenol-d6	7.21	99	496066	90.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	387454	84.98	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	223884	119.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	844539	76.84	ng	-0.01
78) Terphenyl-d14	20.02	244	1391716	81.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	51121	12.515	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	20620	7.820	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	20620	6.000	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15438	3.387	ng	# 1

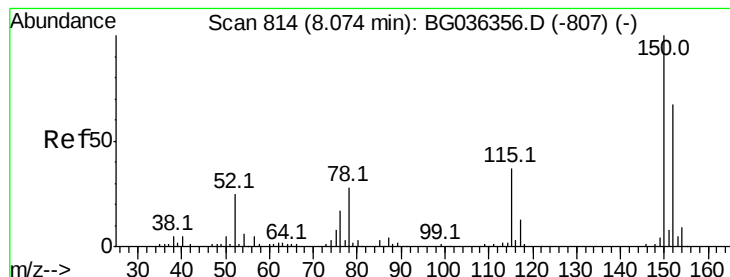
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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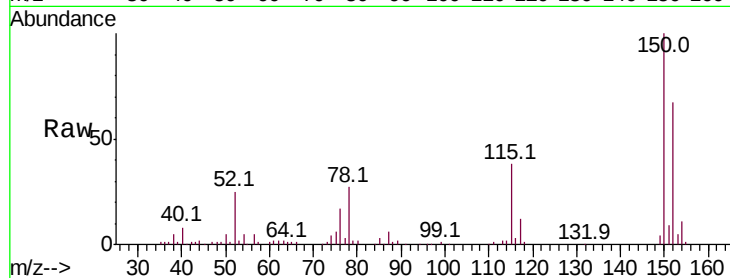


#1

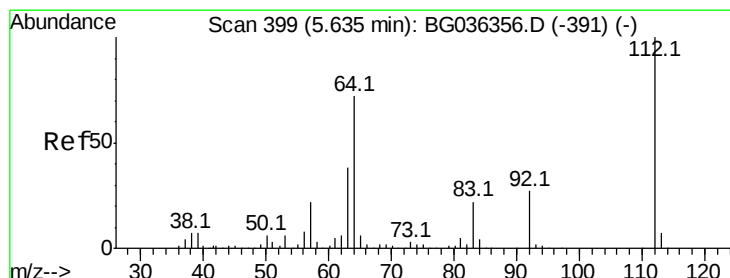
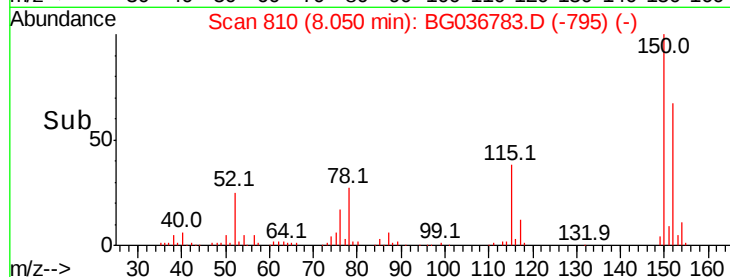
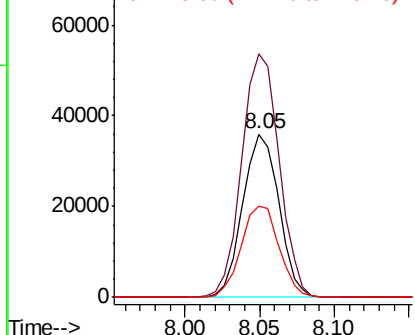
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60555
Ion Ratio Lower Upper
152 100
150 149.1 119.5 179.3
115 56.1 44.5 66.7



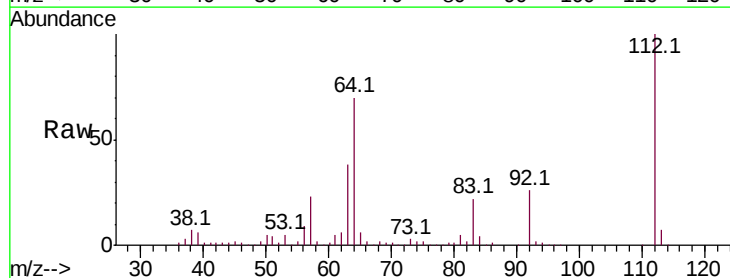
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



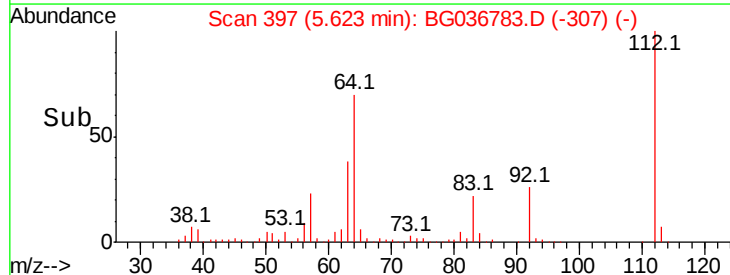
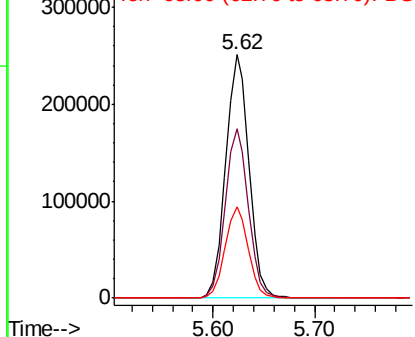
#5

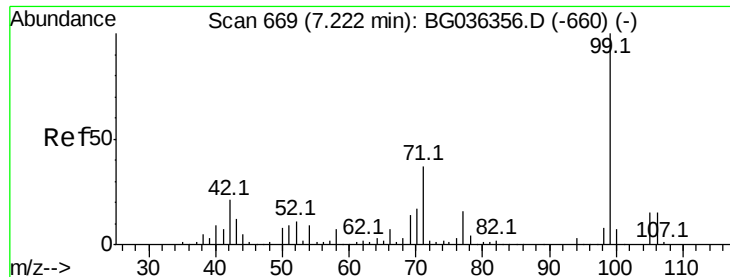
2-Fluorophenol
Concen: 104.626 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Tgt Ion:112 Resp: 399396
Ion Ratio Lower Upper
112 100
64 69.7 57.2 85.8
63 37.7 30.8 46.2



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: 90.762 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Instrument :

BNA_G

ClientSampled :

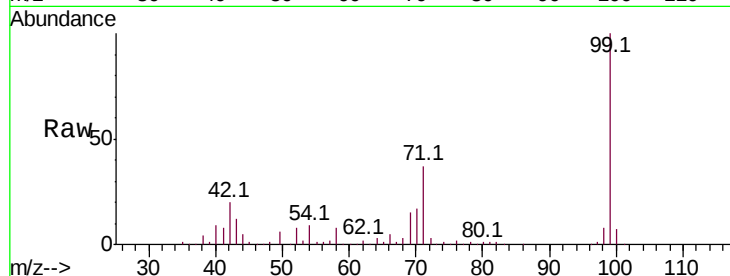
Tot Ion: 99 Resp: 496066

Ion Ratio Lower Upper

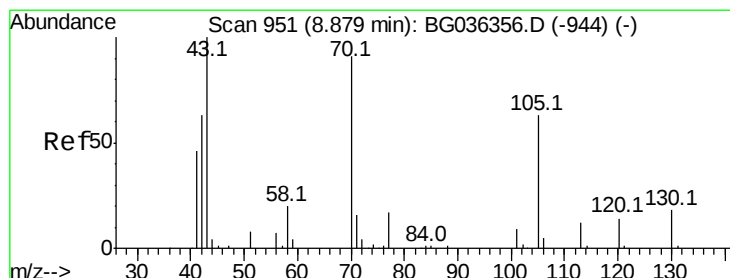
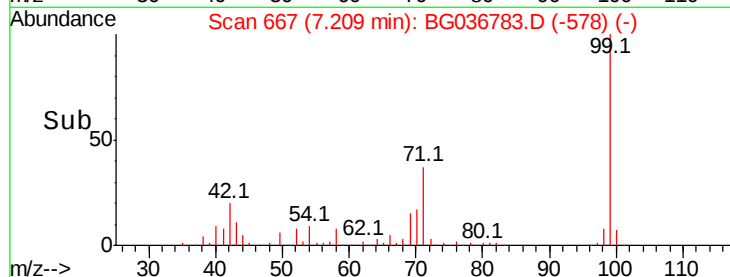
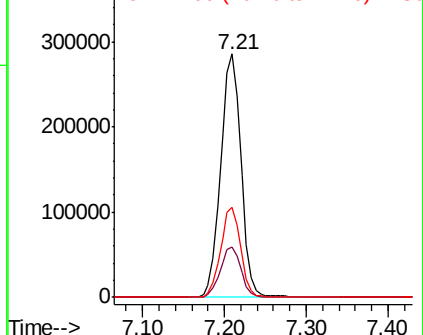
99 100

42 20.5 16.5 24.7

71 36.9 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: 12.515 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Tgt Ion: 70 Resp: 51121

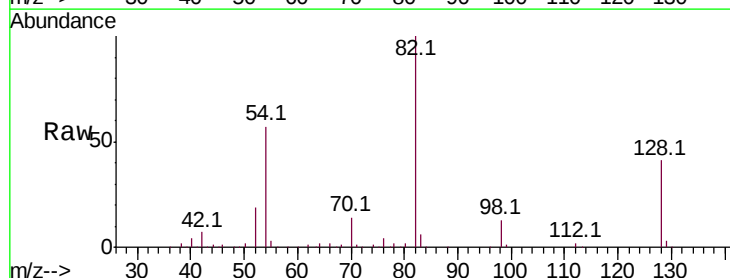
Ion Ratio Lower Upper

70 100

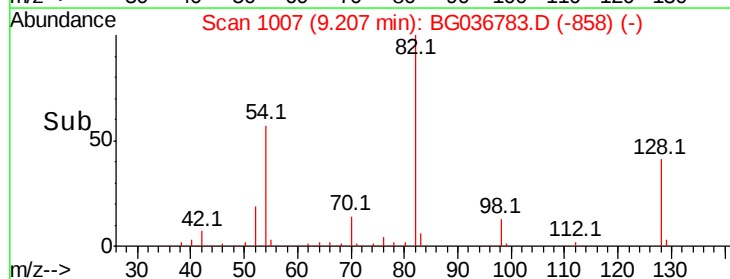
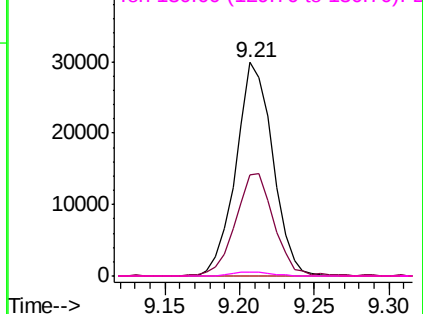
42 47.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 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

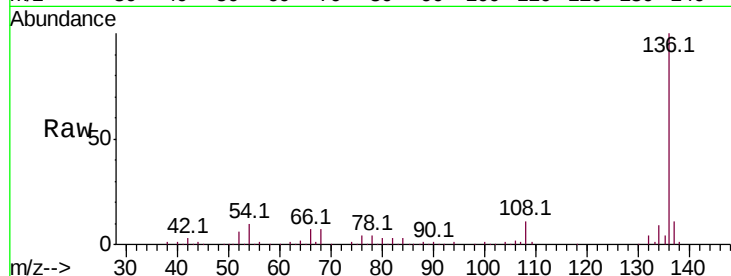




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	247377
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	9.2	13.8
68	6.9	5.8	8.6



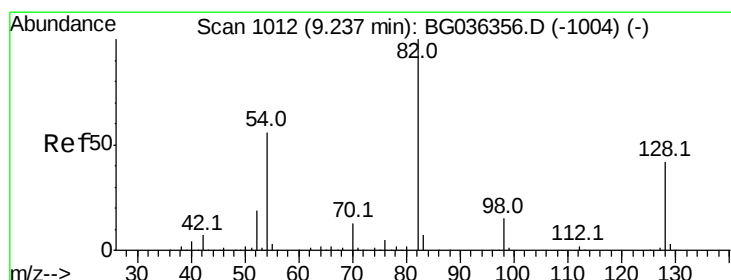
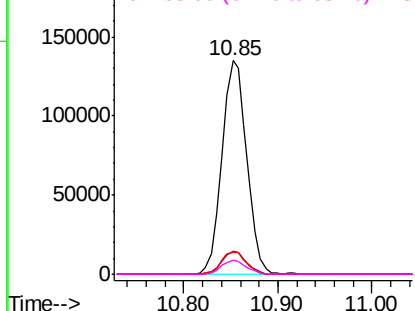
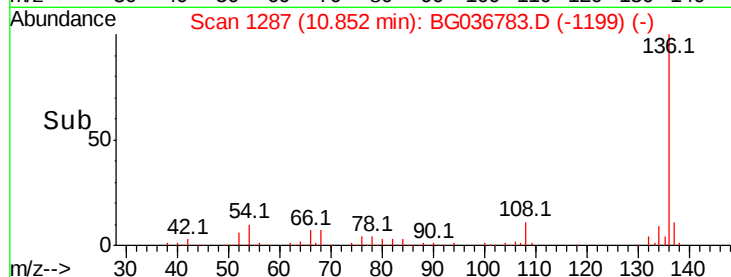
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

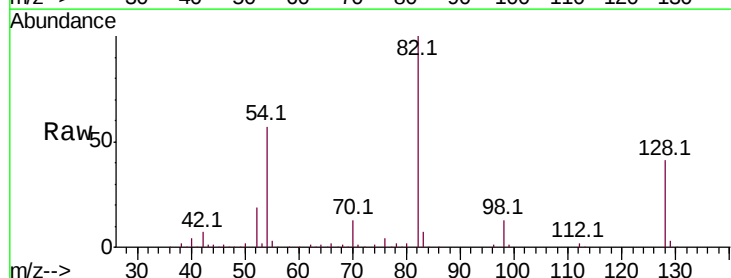
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23
Nitrobenzene-d5
Concen: 84.980 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Tgt Ion:	82	Resp:	387454
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	57.0	45.1	67.7

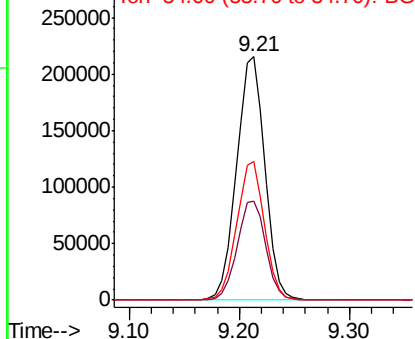
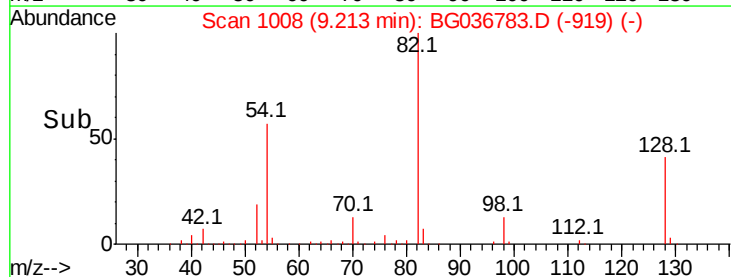


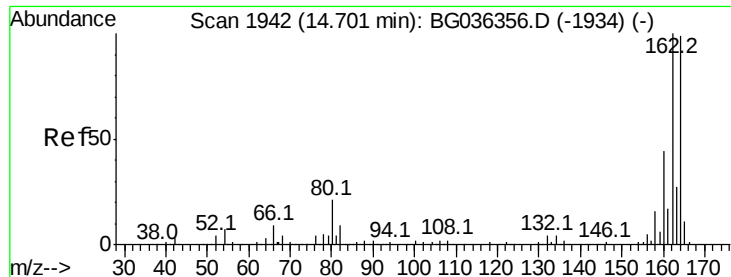
Abundance

Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Instrument :

BNA_G

ClientSampleId :

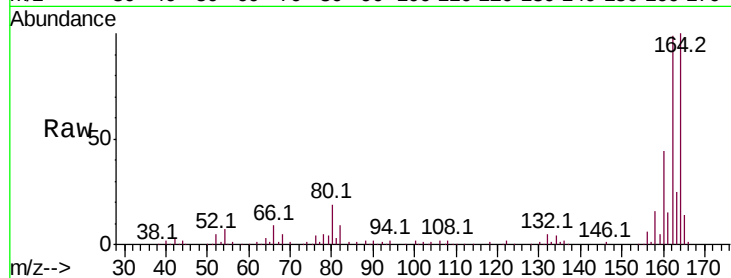
Tot Ion:164 Resp: 156932

Ion Ratio Lower Upper

164 100

162 99.1 80.7 121.1

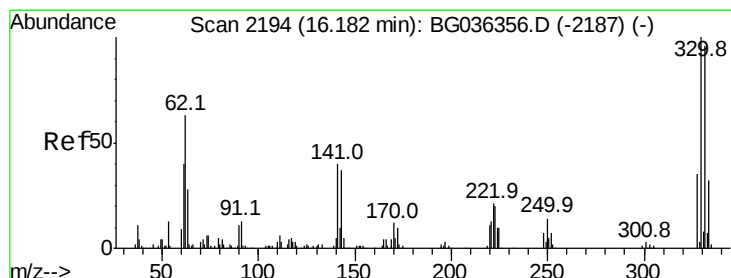
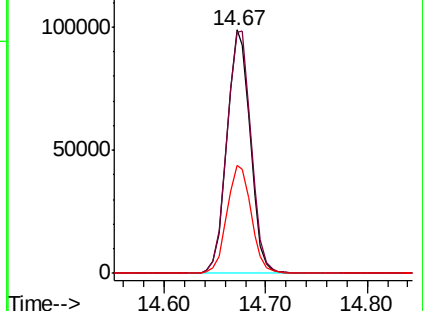
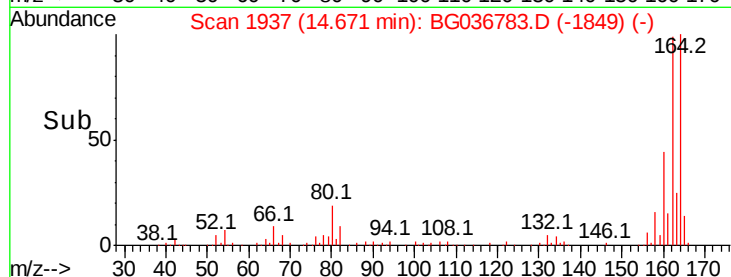
160 44.5 35.3 52.9



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: 119.561 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

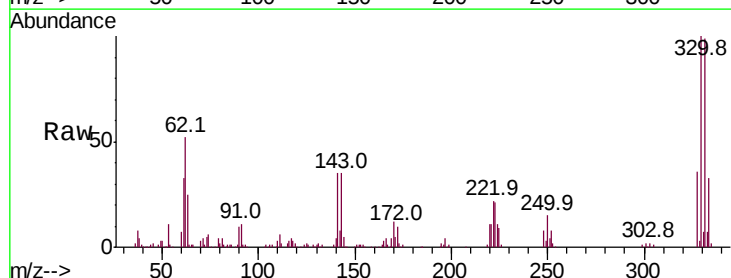
Tgt Ion:330 Resp: 223884

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

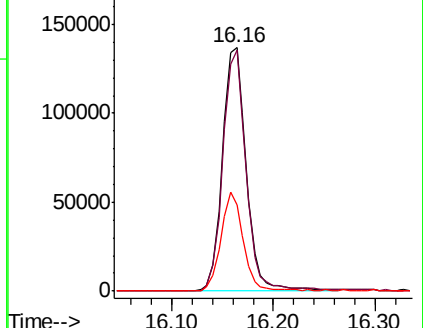
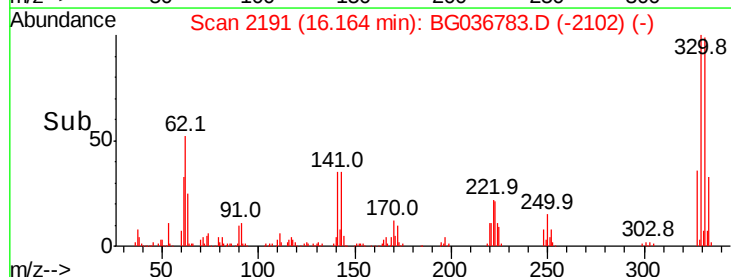
141 38.0 30.7 46.1



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

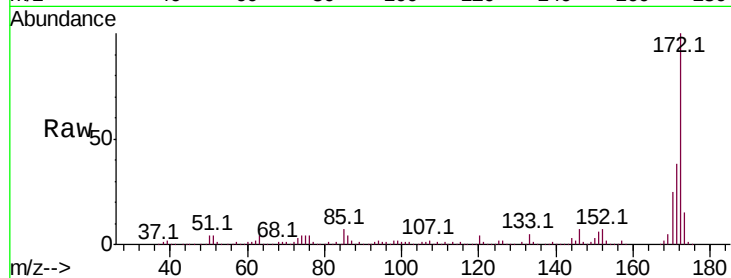




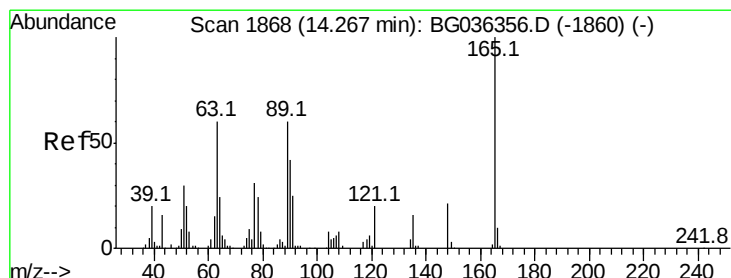
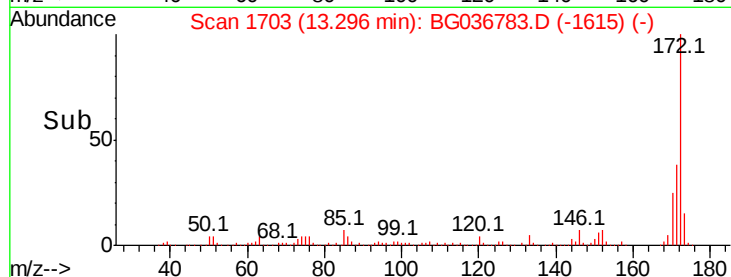
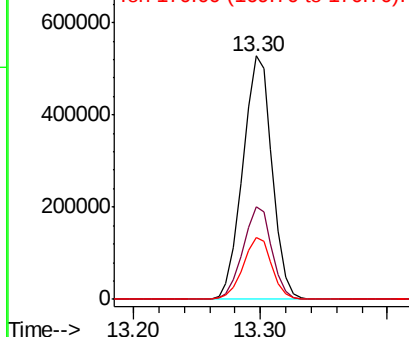
#44
 2-Fluorobiphenyl
 Concen: 76.839 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 844539
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.4 21.0 31.6

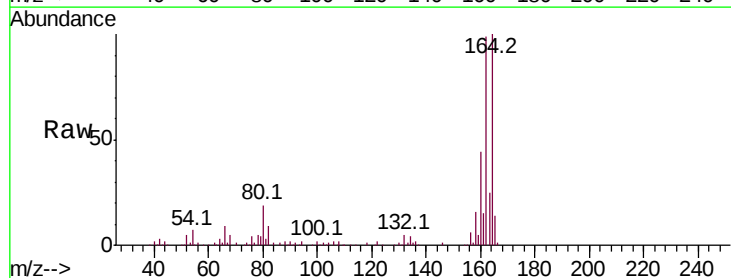


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

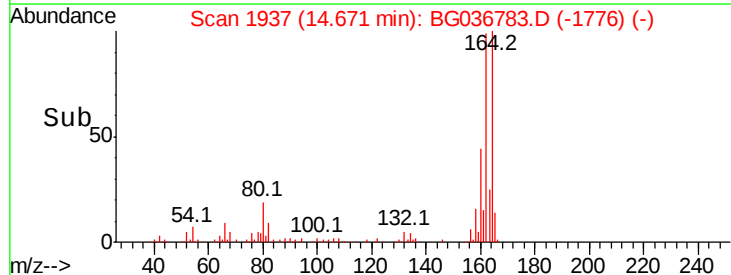
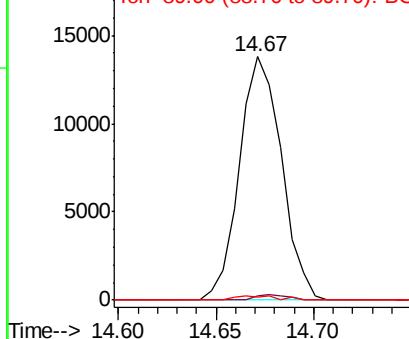


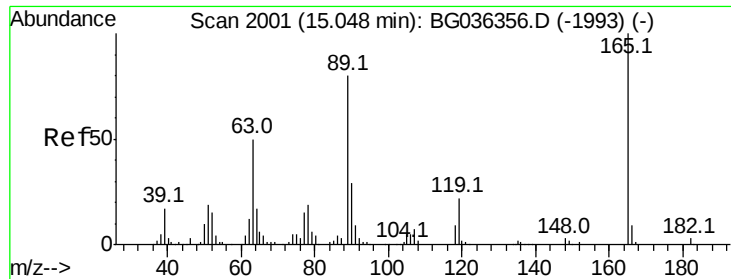
#50
 2,6-Dinitrotoluene
 Concen: 7.820 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036783.D
 Acq: 18 Sep 2018 11:15

Tgt Ion:165 Resp: 20620
 Ion Ratio Lower Upper
 165 100
 63 1.9 50.1 75.1#
 89 1.5 47.8 71.6#



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

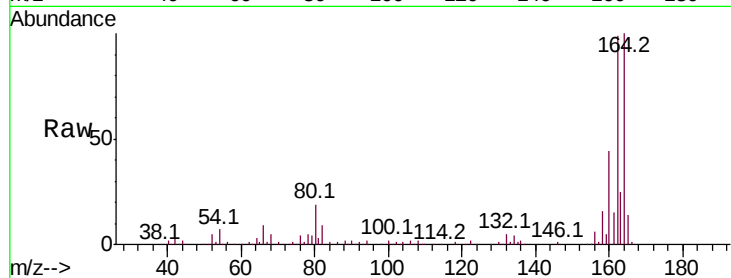




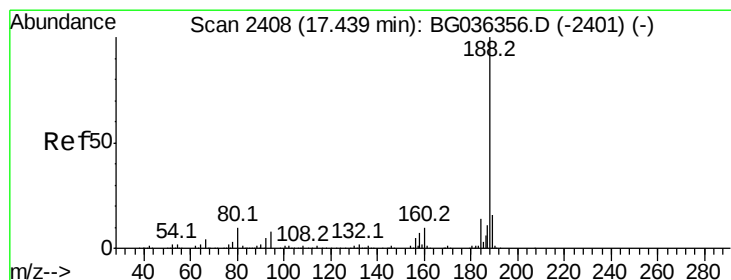
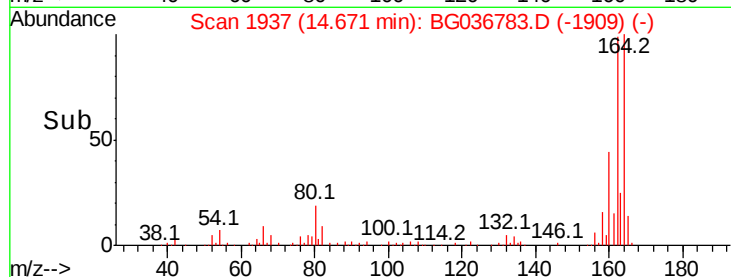
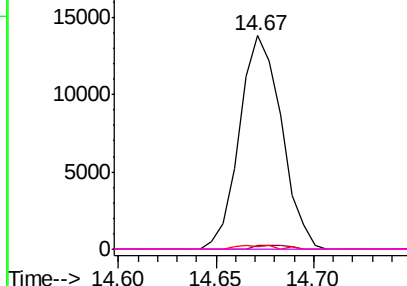
#56
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 20620
Ion Ratio Lower Upper
165 100
63 1.9 40.1 60.1#
89 1.5 63.7 95.5#
182 0.0 2.5 3.7#

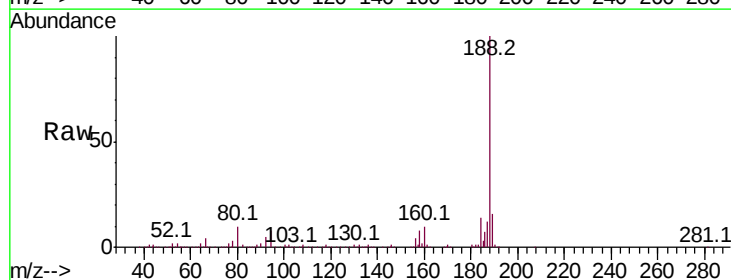


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

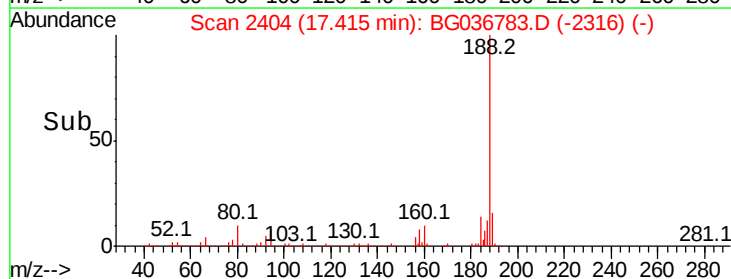
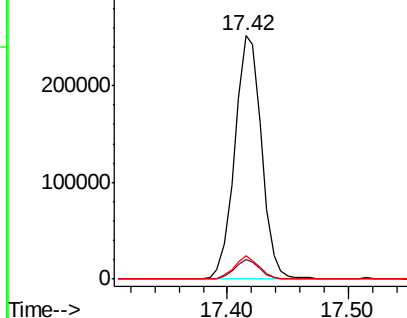


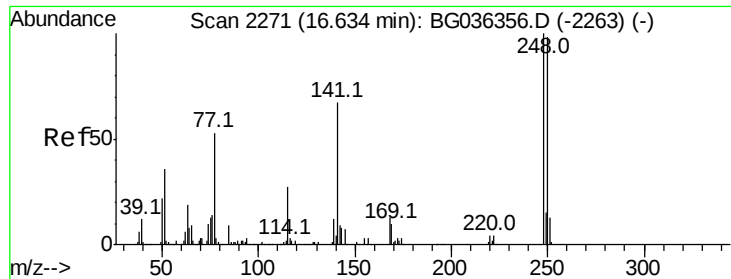
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Tgt Ion:188 Resp: 389279
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

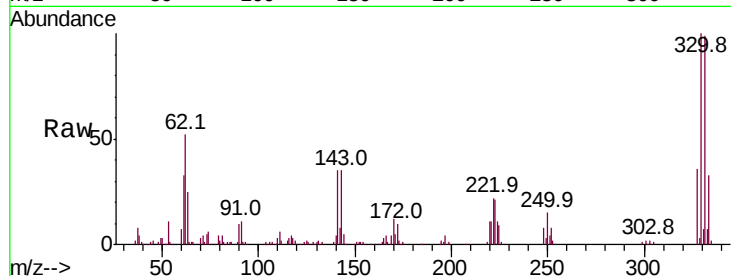




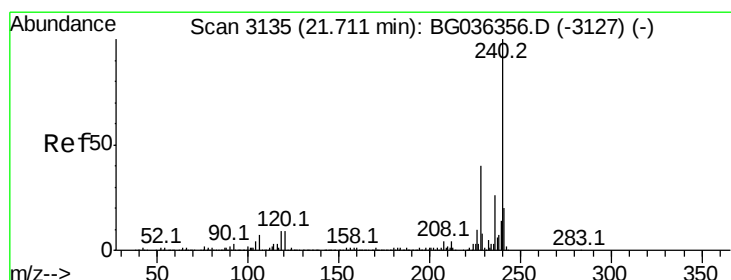
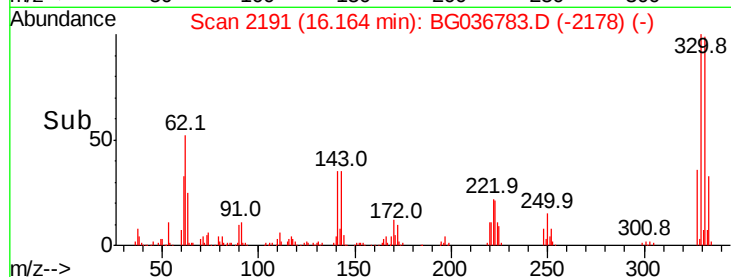
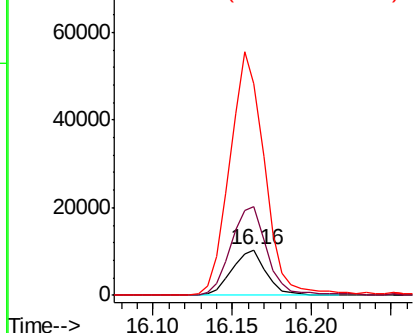
#66
4-Bromophenyl-phenylether
Concen: 3.387 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15438
Ion Ratio Lower Upper
248 100
250 194.9 78.1 117.1#
141 466.4 53.7 80.5#

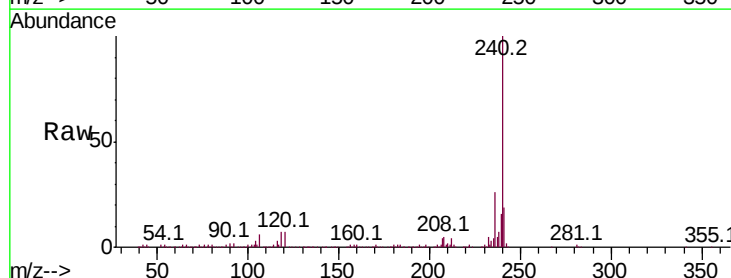


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

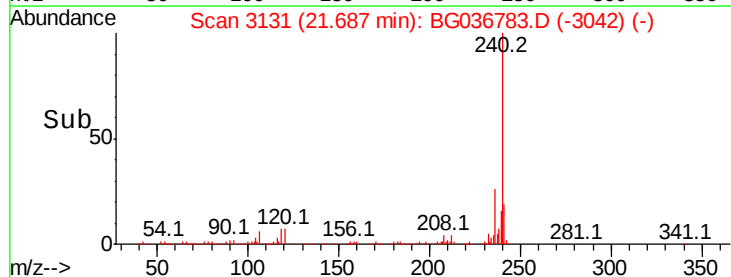
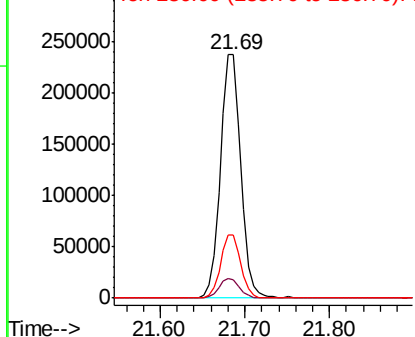


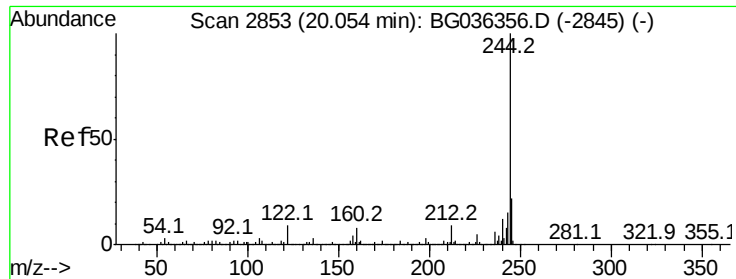
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036783.D
Acq: 18 Sep 2018 11:15

Tgt Ion:240 Resp: 398906
Ion Ratio Lower Upper
240 100
120 7.3 6.9 10.3
236 26.2 21.2 31.8



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: 81.546 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036783.D

Acq: 18 Sep 2018 11:15

Instrument :

BNA_G

ClientSampled :

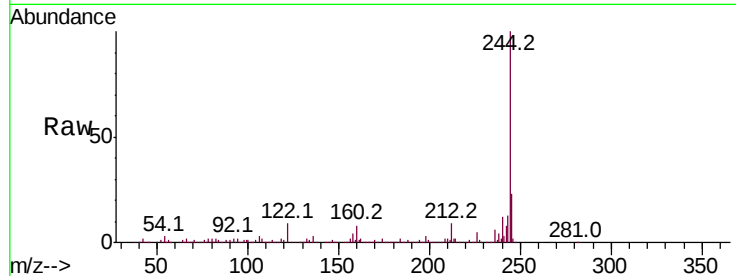
Tot Ion:244 Resp: 1391716

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.4	7.1	10.7

244 100

212 9.0 7.0 10.6

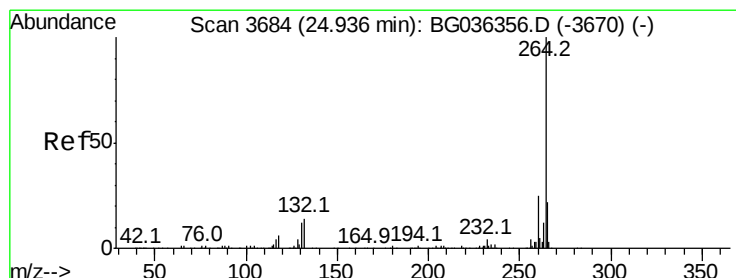
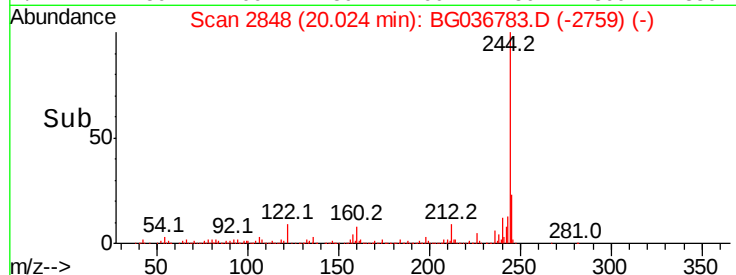
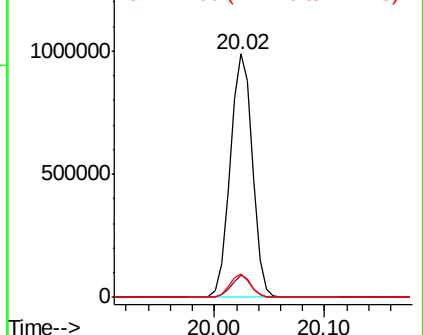
122 9.4 7.1 10.7



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: BG036783.D

Acq: 18 Sep 2018 11:15

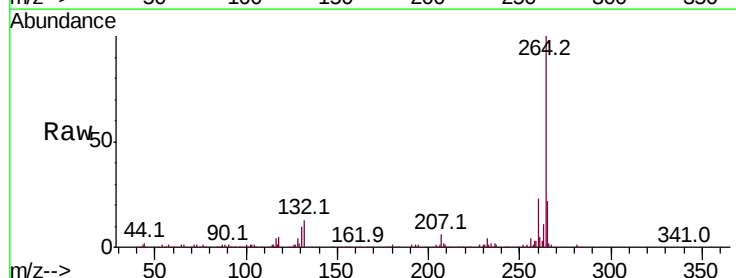
Tgt Ion:264 Resp: 388470

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.9	17.4	26.0

264 100

260 23.2 19.6 29.4

265 21.9 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

