

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036781.D
 Acq On : 18 Sep 2018 9:57
 Operator : JU/SJ
 Sample : J4936-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 11:27:44 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

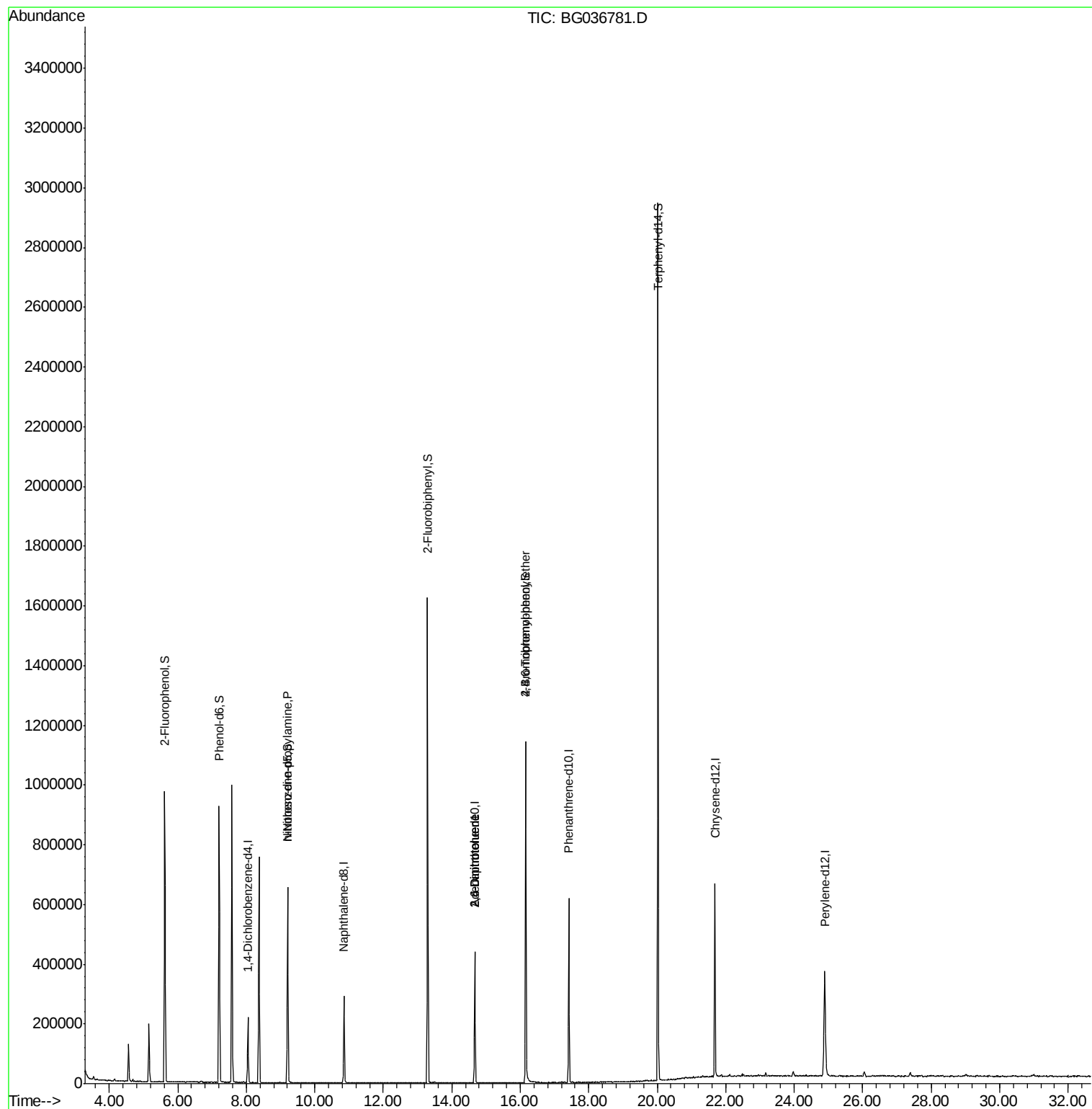
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61660	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	248628	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	153628	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	384353	20.00	ng	0.00
75) Chrysene-d12	21.68	240	404298	20.00	ng	0.00
86) Perylene-d12	24.89	264	396252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	409486	105.35	ng	0.00
7) Phenol-d6	7.21	99	521696	93.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	389713	85.04	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	225823	123.19	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	843842	78.43	ng	-0.02
78) Terphenyl-d14	20.02	244	1421366	82.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52602	12.647	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	19709	7.635	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19709	5.858	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16416	3.648	ng	# 1

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

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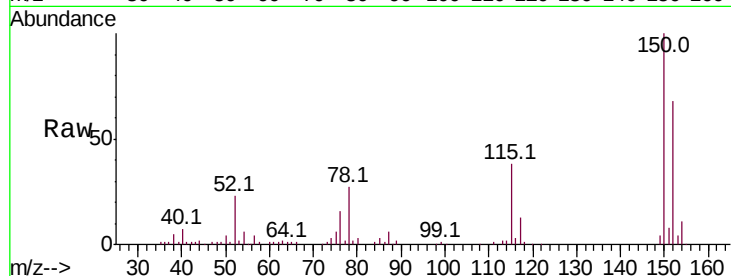


#1

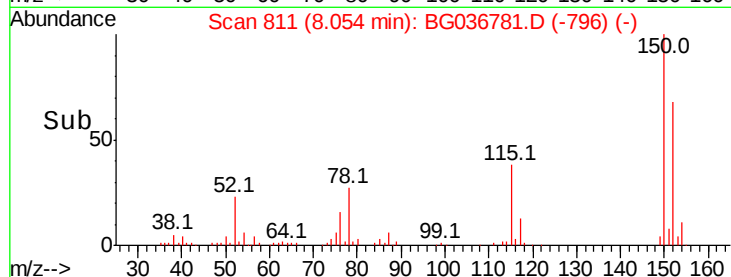
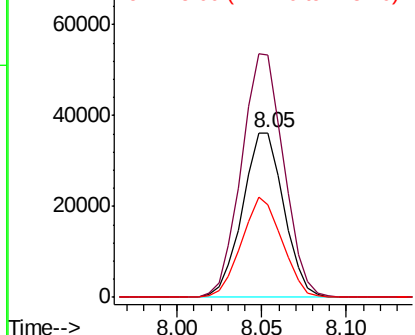
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	56.5	44.5	66.7



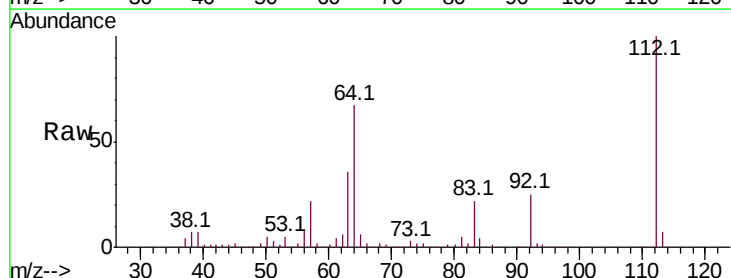
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



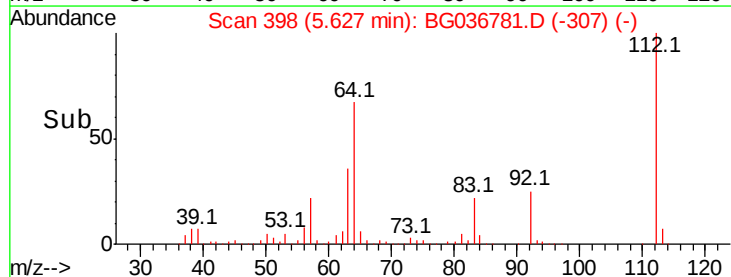
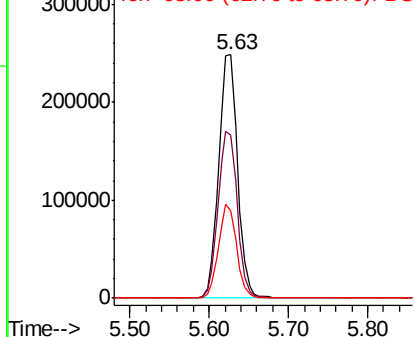
#5

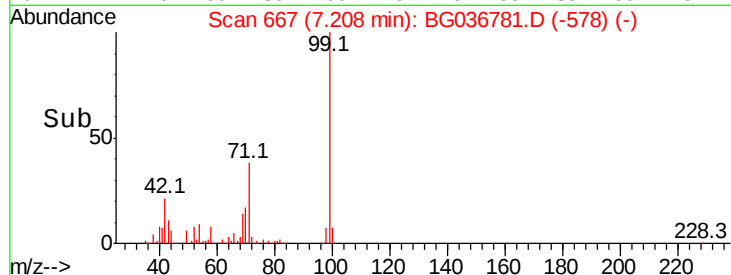
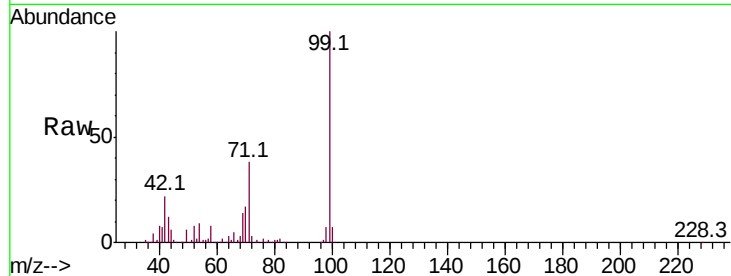
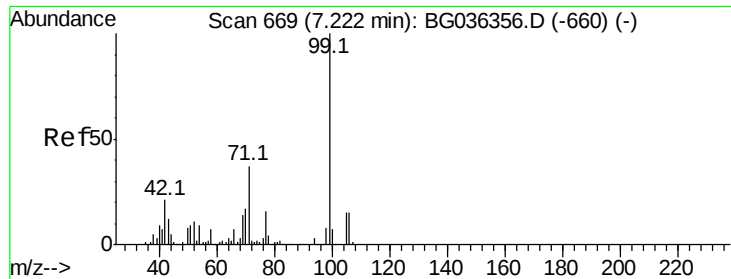
2-Fluorophenol
Concen: 105.346 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	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): BG
Ion 63.00 (62.70 to 63.70): BG

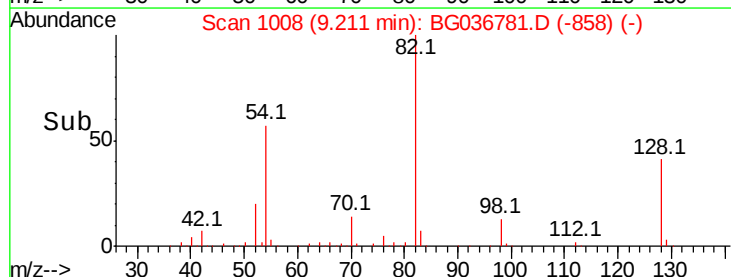
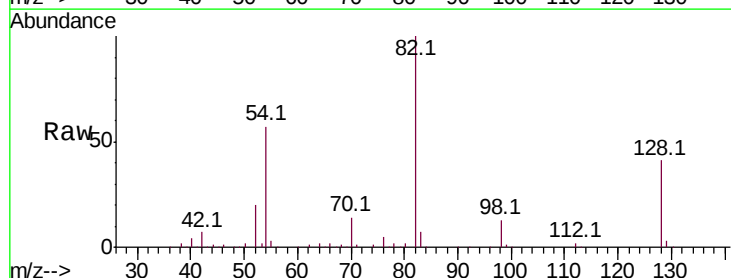
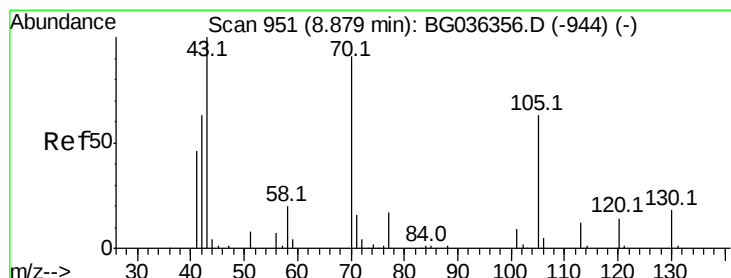
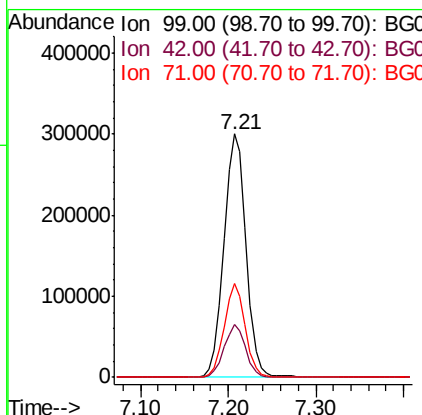




#7
Phenol-d6
Concen: 93.741 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

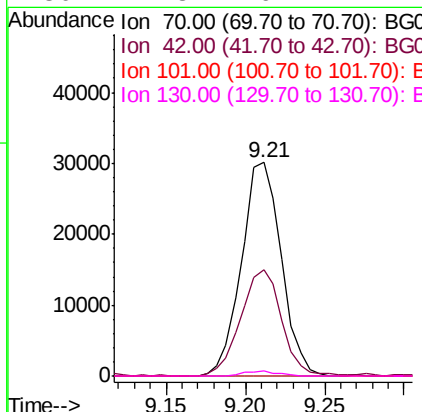
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.5	24.7
71	38.3	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.647 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.8	56.2	84.4#
101	0.0	7.8	11.6#
130	2.3	16.2	24.2#

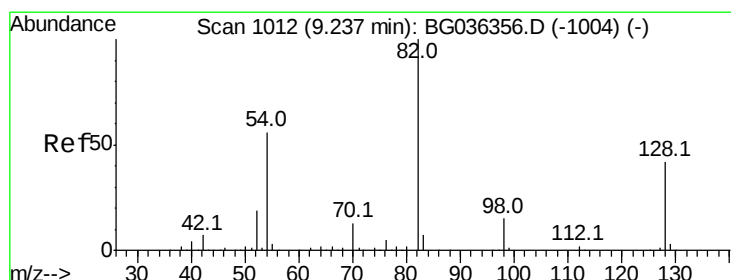
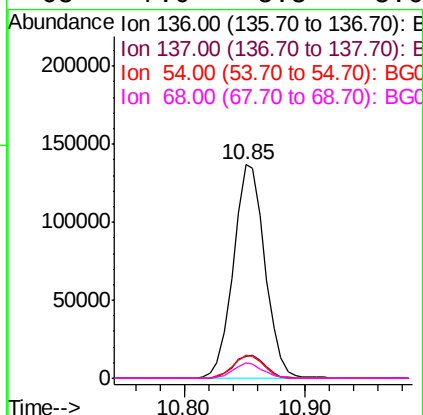
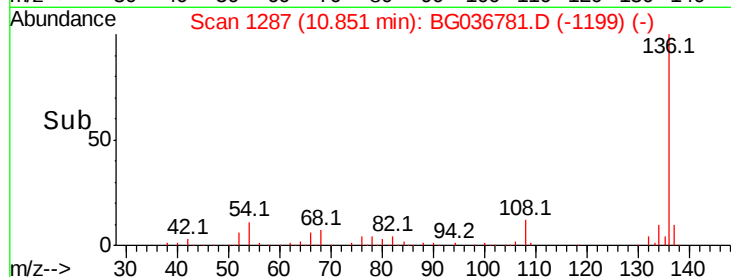
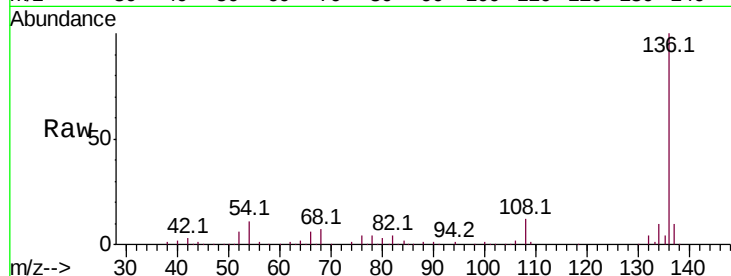




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

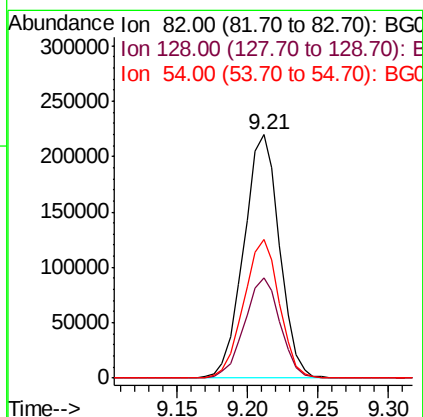
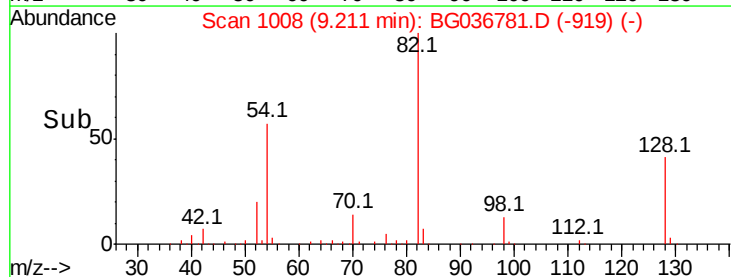
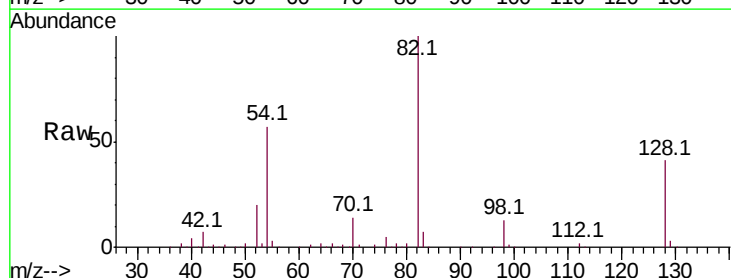
Instrument :
BNA_G
ClientSampleId :

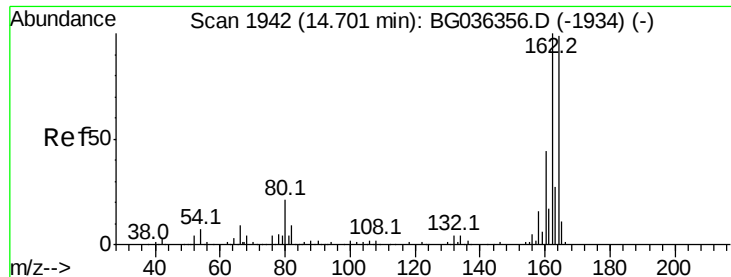
Tot Ion:	136	Resp:	248628
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	11.0	9.2	13.8
68	7.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 85.045 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Tgt Ion:	82	Resp:	389713
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	56.7	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

Instrument :

BNA_G

ClientSampleId :

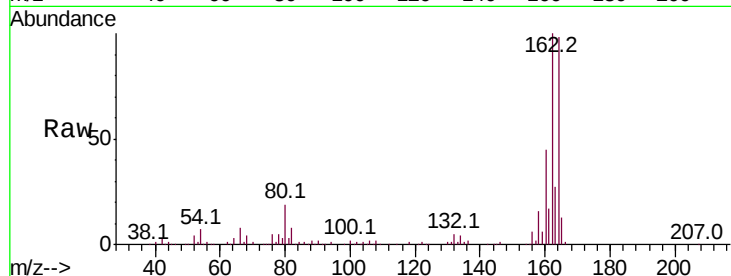
Tot Ion:164 Resp: 153628

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

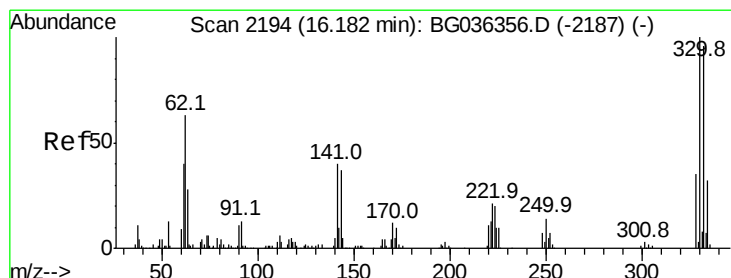
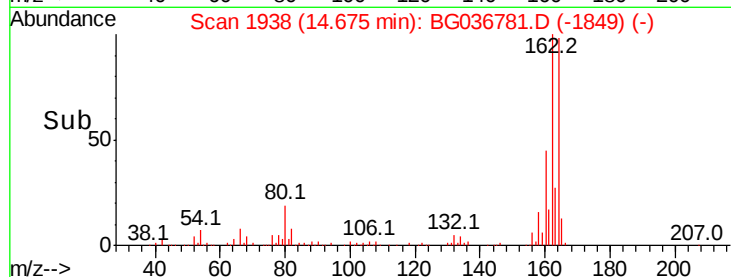
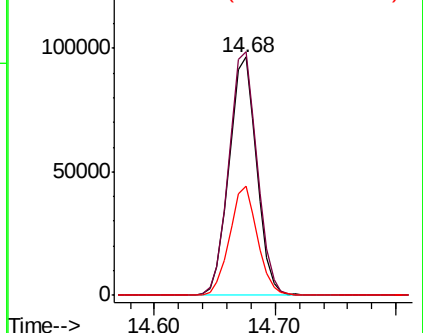
160 45.8 35.3 52.9



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: 123.190 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

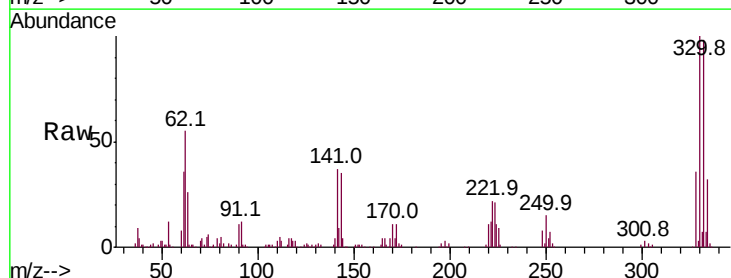
Tgt Ion:330 Resp: 225823

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

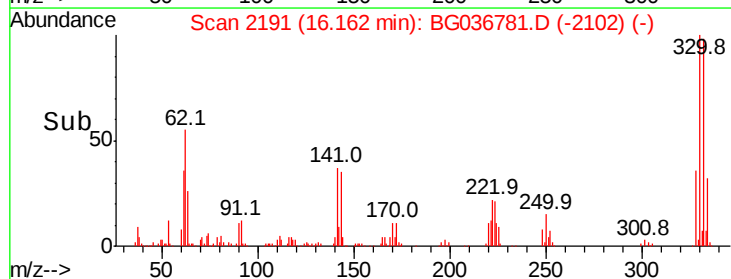
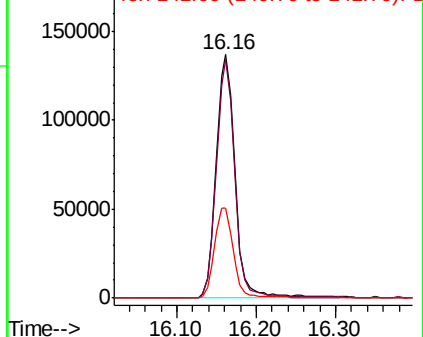
141 37.3 30.7 46.1



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

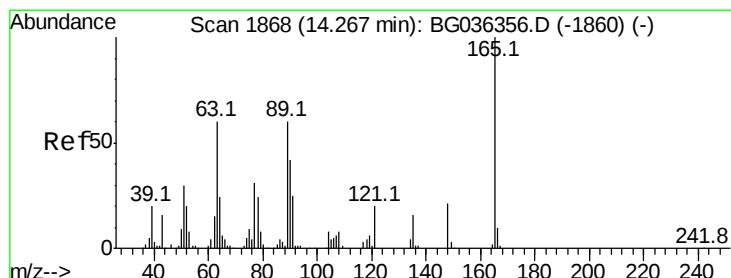
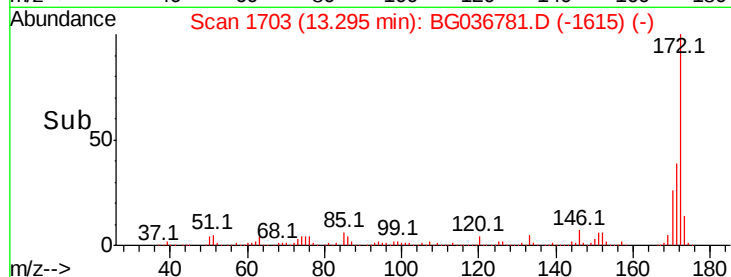
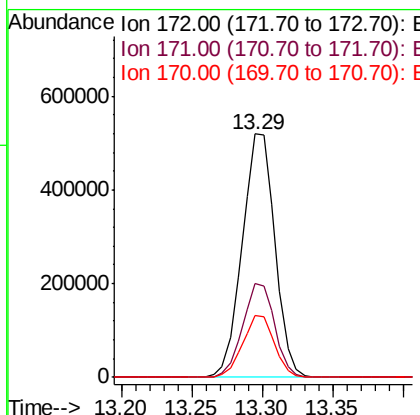
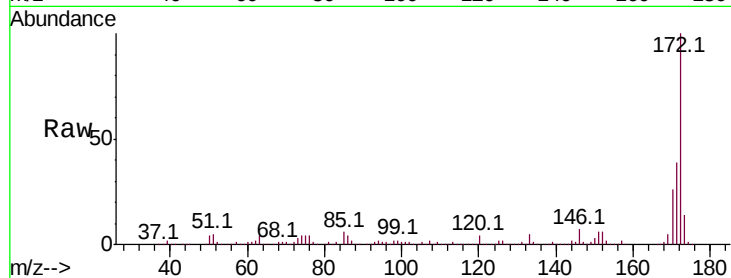




#44
 2-Fluorobiphenyl
 Concen: 78.427 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

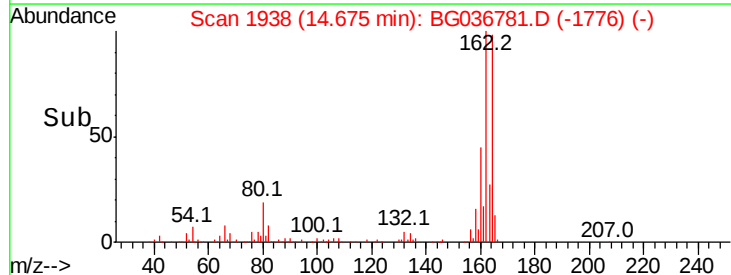
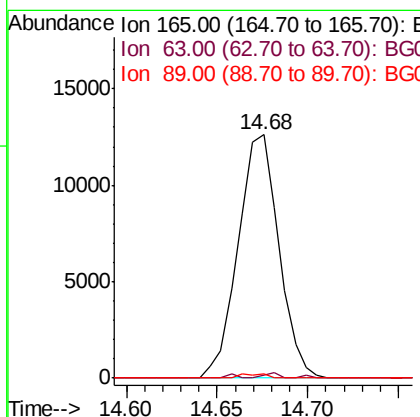
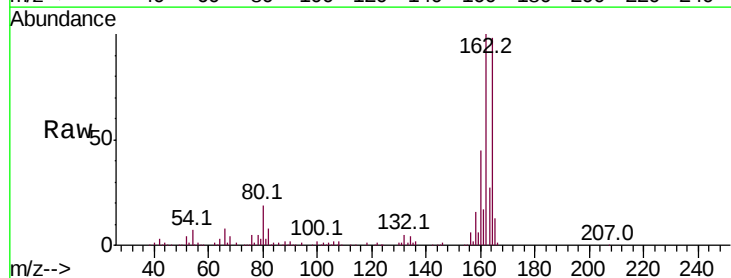
Instrument :
 BNA_G
 ClientSampleId :

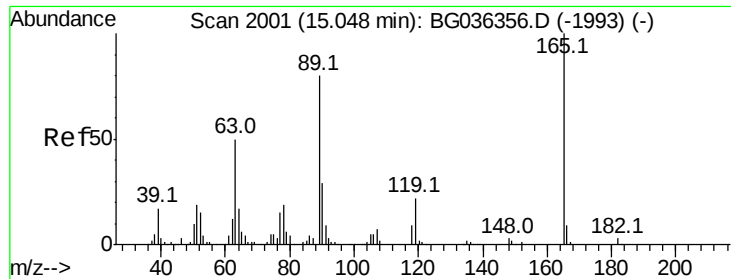
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.6	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.635 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

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

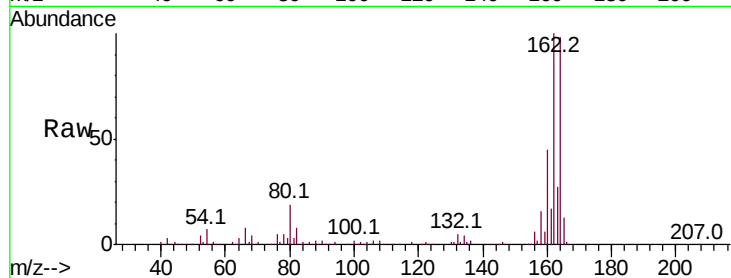




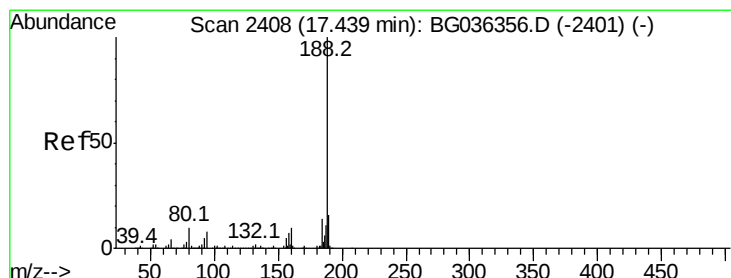
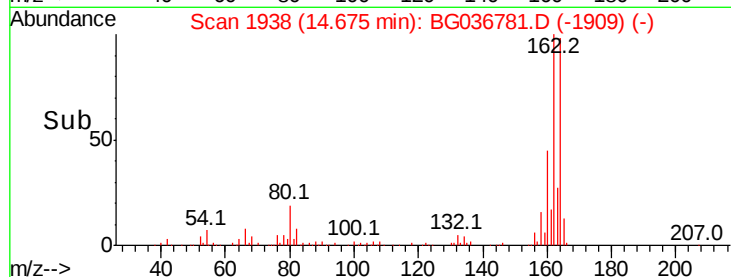
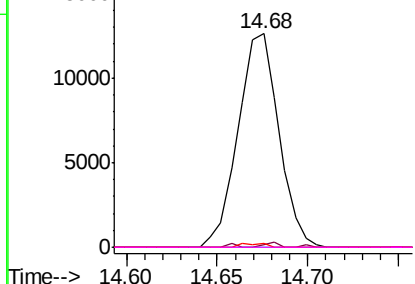
#56
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19709
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.1 60.1#
 89 1.9 63.7 95.5#
 182 0.0 2.5 3.7#

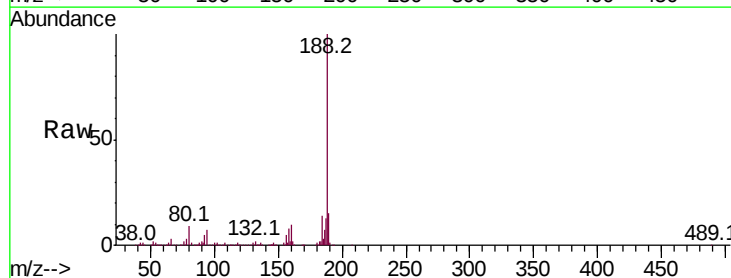


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

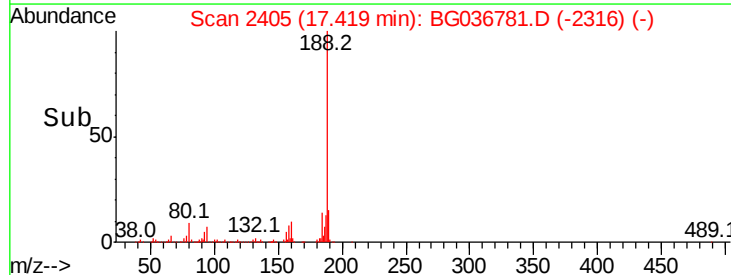
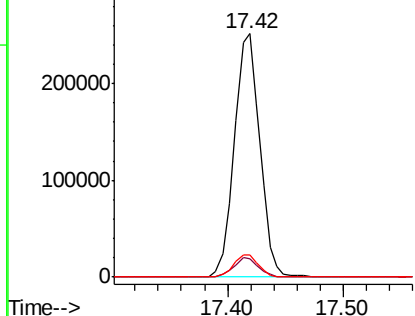


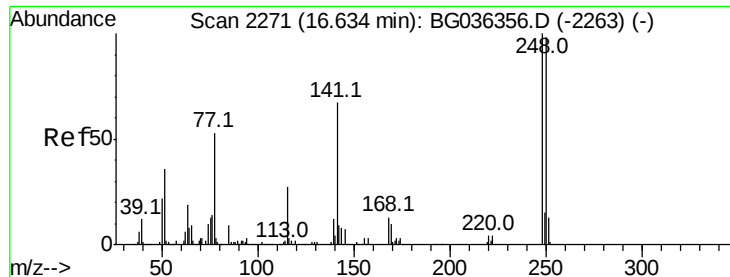
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036781.D
 Acq: 18 Sep 2018 9:57

Tgt Ion:188 Resp: 384353
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 9.0 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

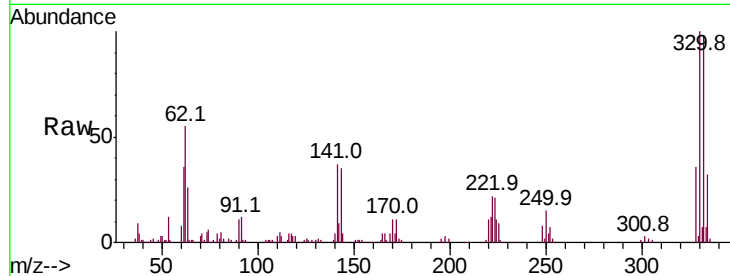




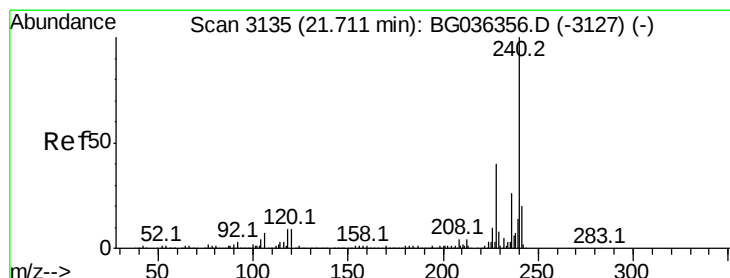
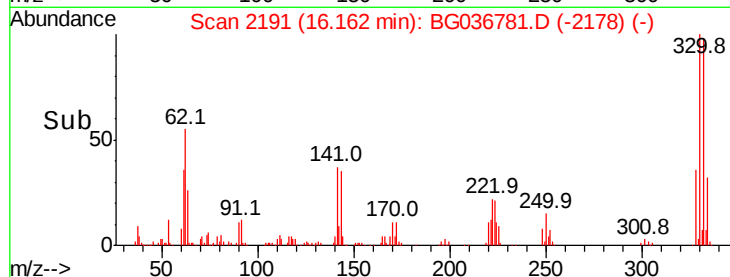
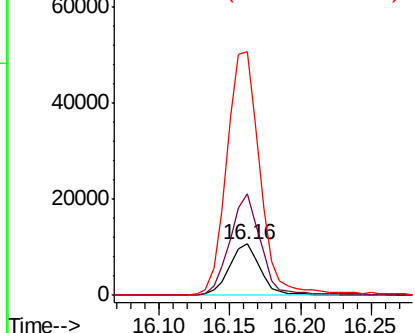
#66
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16416
Ion Ratio Lower Upper
248 100
250 197.8 78.1 117.1#
141 473.4 53.7 80.5#

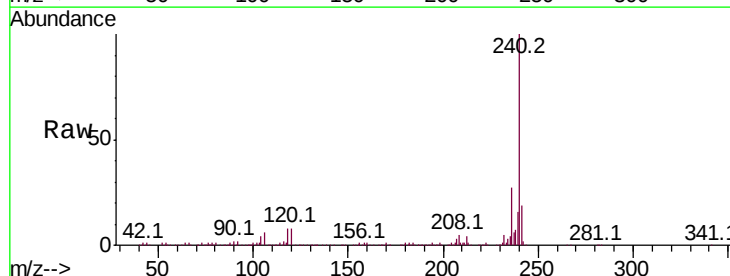


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

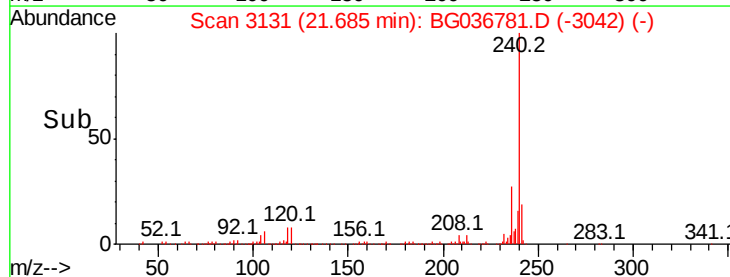
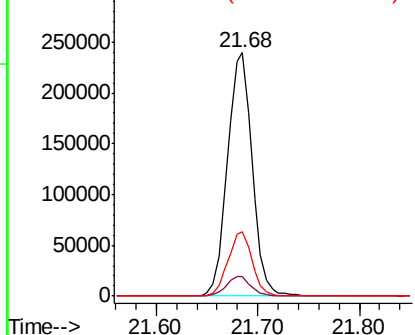


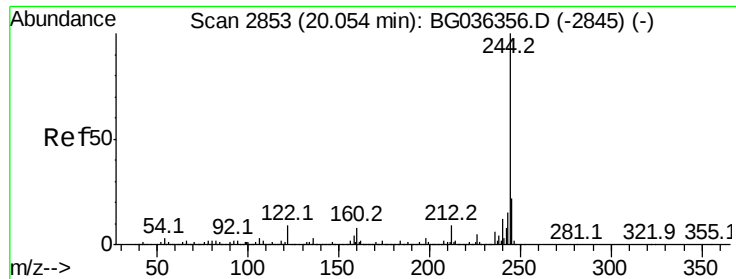
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036781.D
Acq: 18 Sep 2018 9:57

Tgt Ion:240 Resp: 404298
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.5 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: 82.173 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

Instrument :

BNA_G

ClientSampled :

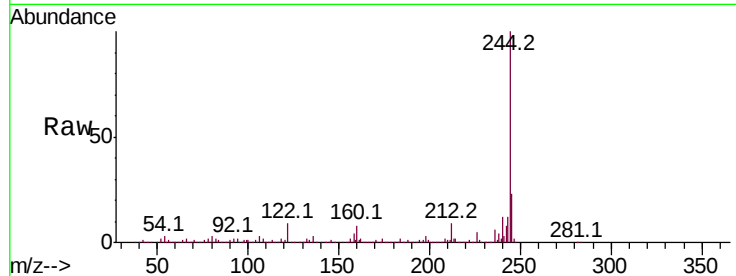
Tot Ion:244 Resp: 1421366

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7

244 100

212 8.9 7.0 10.6

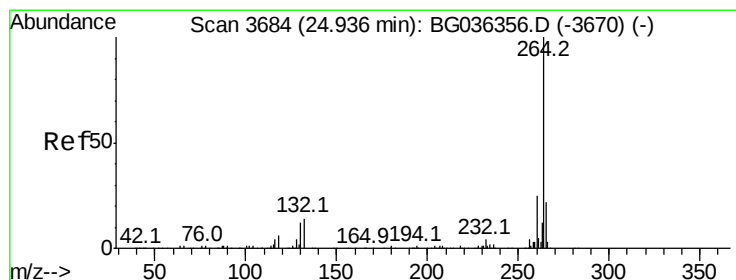
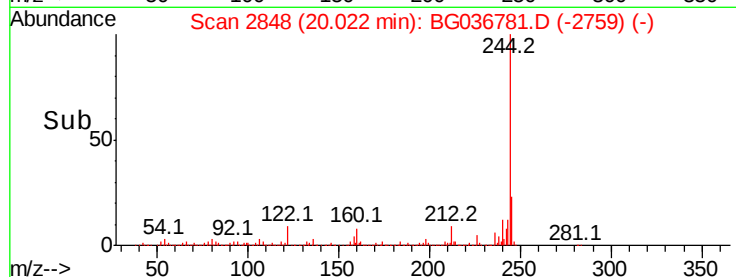
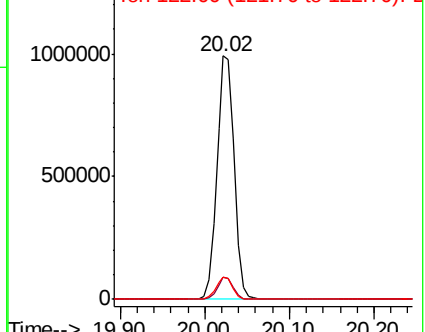
122 9.0 7.1 10.7



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. -0.02 min

Lab File: BG036781.D

Acq: 18 Sep 2018 9:57

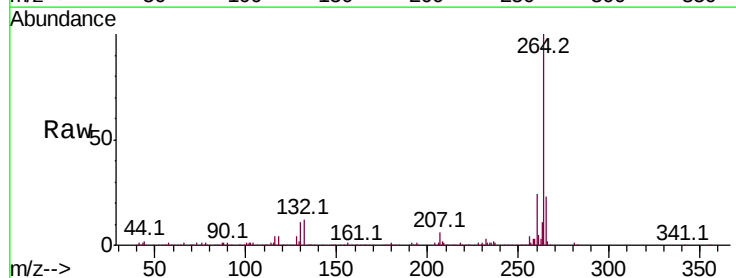
Tgt Ion:264 Resp: 396252

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.7	17.4	26.0

264 100

260 24.0 19.6 29.4

265 22.7 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

