

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039199.D
 Acq On : 18 Jan 2019 1:11
 Operator : JU/SJ
 Sample : K1153-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

Quant Time: Jan 18 04:15:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

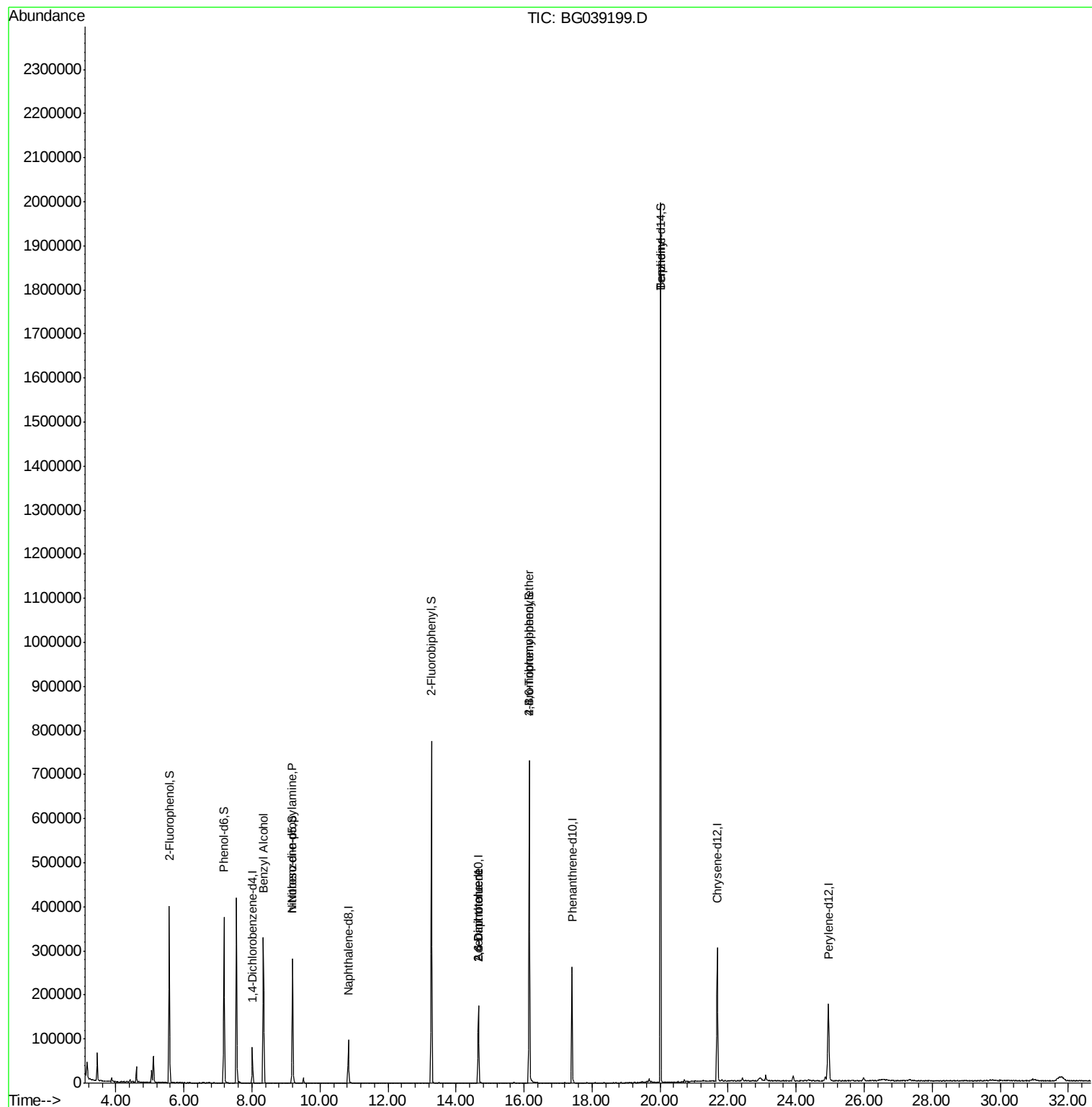
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22944	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	89355	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	65486	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	176302	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	201110	20.00	ng	-0.02
87) Perylene-d12	24.95	264	213681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	173342	143.32	ng	-0.01
7) Phenol-d6	7.18	99	218116	125.31	ng	-0.01
23) Nitrobenzene-d5	9.19	82	169296	103.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	170188	155.04	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	444979	92.99	ng	-0.01
79) Terphenyl-d14	20.01	244	1009097	92.82	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.34	79	2675	2.041	ng	# 48
19) n-Nitroso-di-n-propylamine	9.19	70	22442	19.634	ng	# 73
51) 2,6-Dinitrotoluene	14.66	165	8866	7.166	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	8866	4.995	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	10815	4.772	ng	# 1
77) Benzidine	20.01	184	16587	2.697	ng	# 92

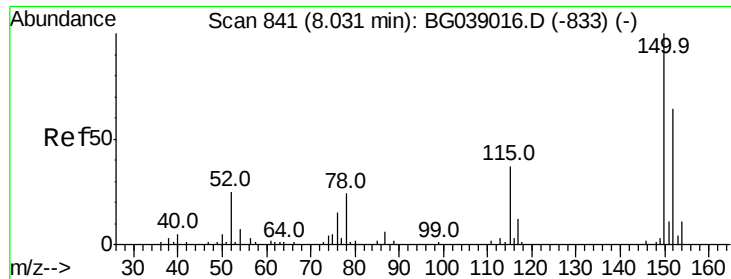
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 14:23:53 2019
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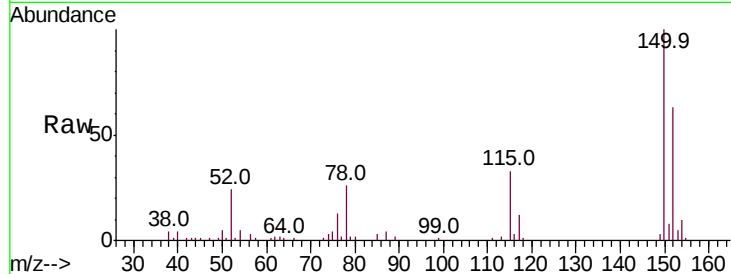


#1

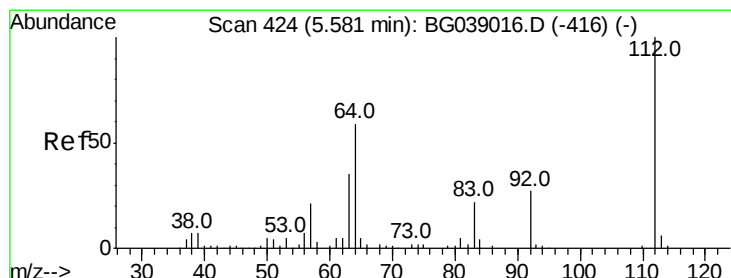
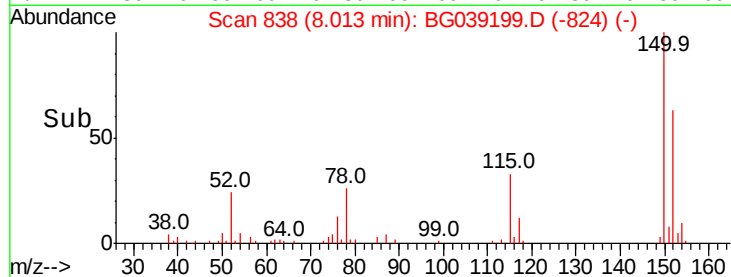
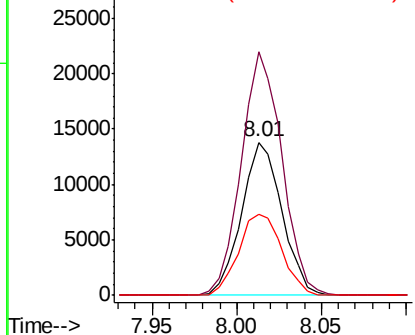
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027

Tot Ion:152 Resp: 22944
Ion Ratio Lower Upper
152 100
150 158.9 124.7 187.1
115 52.7 46.5 69.7



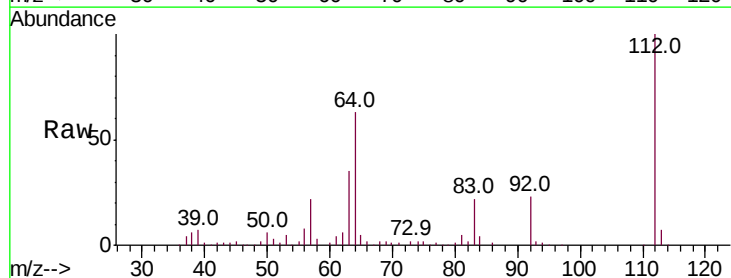
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



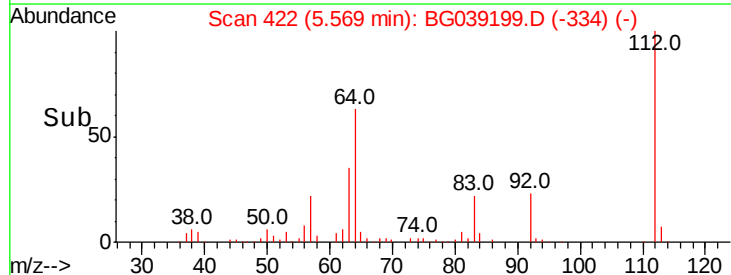
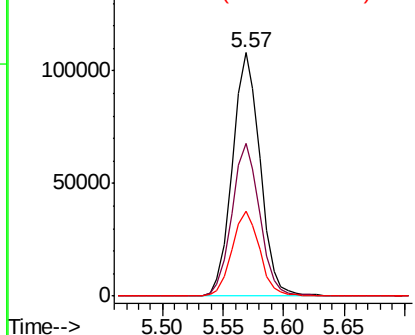
#5

2-Fluorophenol
Concen: 143.317 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

Tgt Ion:112 Resp: 173342
Ion Ratio Lower Upper
112 100
64 62.7 47.0 70.6
63 34.9 28.0 42.0



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: 125.309 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027

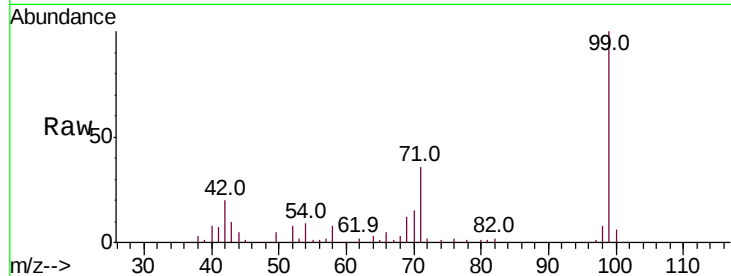
Tot Ion: 99 Resp: 218116

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

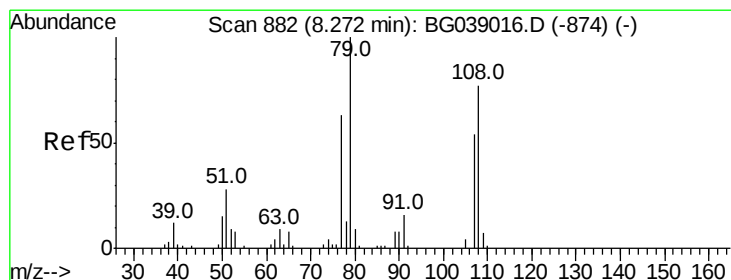
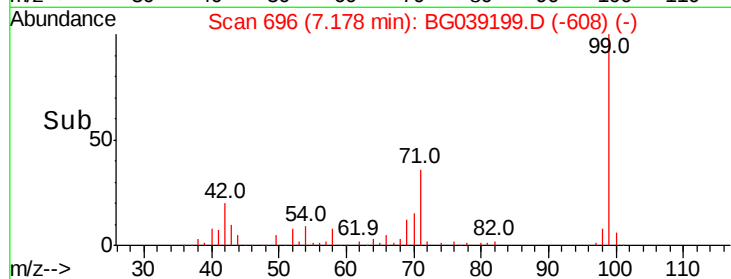
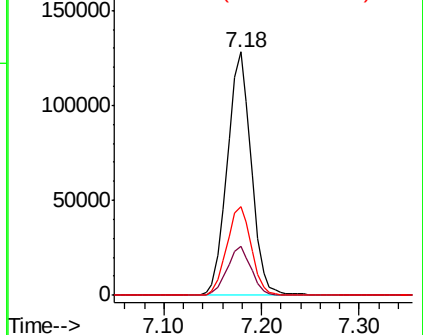
71 36.5 30.2 45.4



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



#15

Benzyl Alcohol

Concen: 2.041 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.07 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

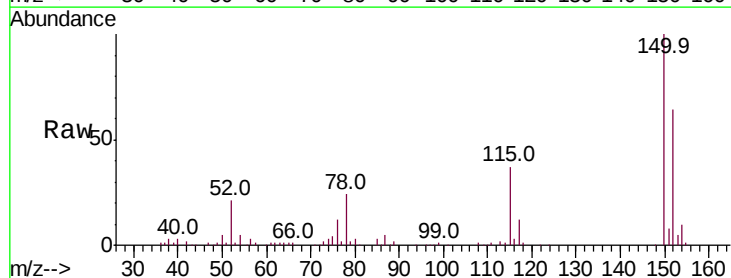
Tgt Ion: 79 Resp: 2675

Ion Ratio Lower Upper

79 100

108 29.6 62.0 93.0#

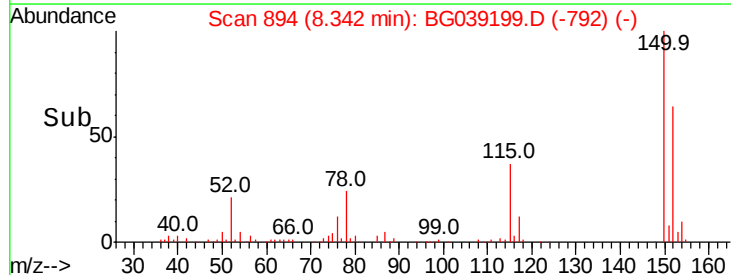
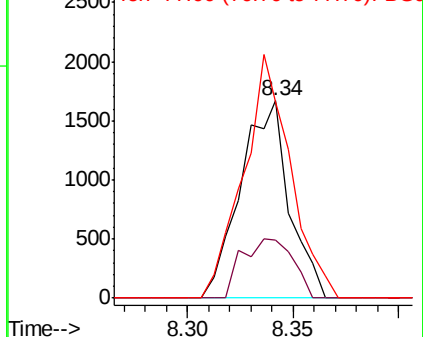
77 99.4 50.1 75.1#

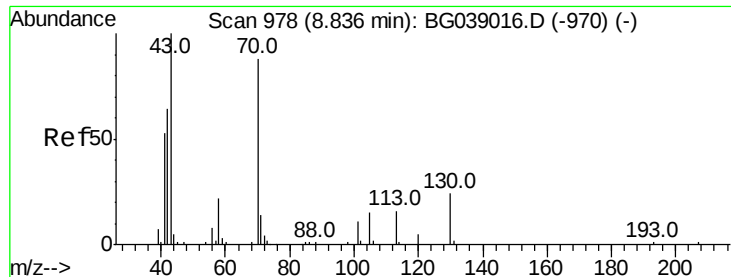


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

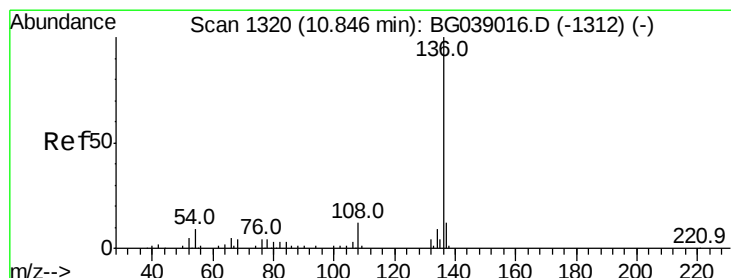
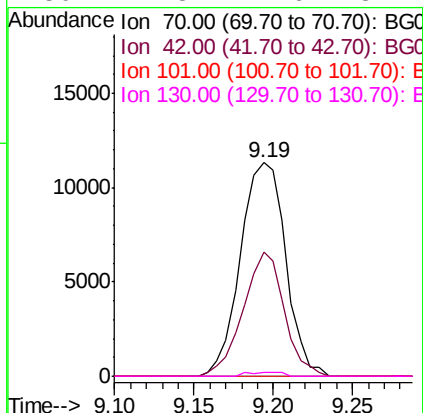
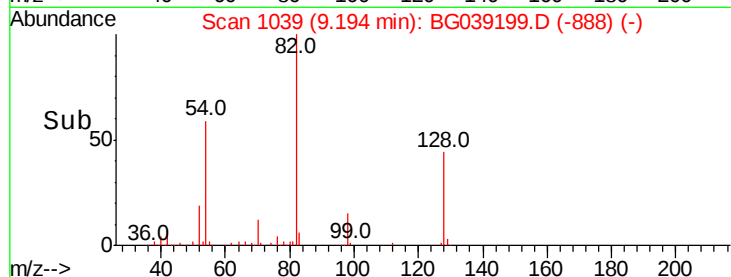
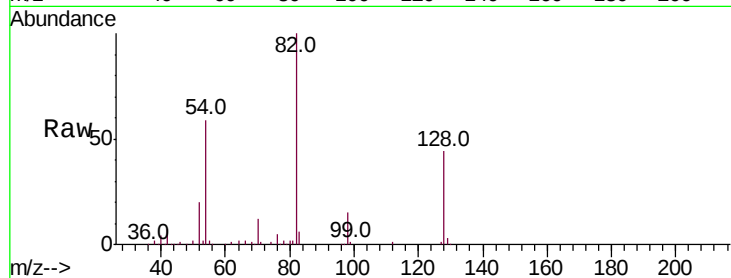




#19
n-Nitroso-di-n-propylamine
Concen: 19.634 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

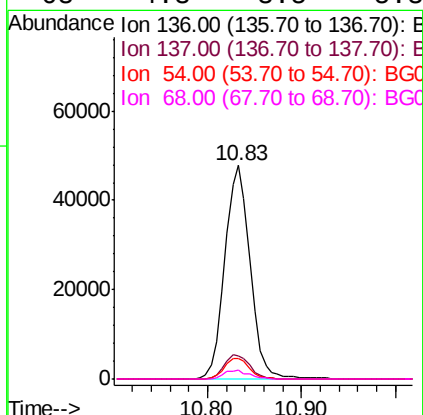
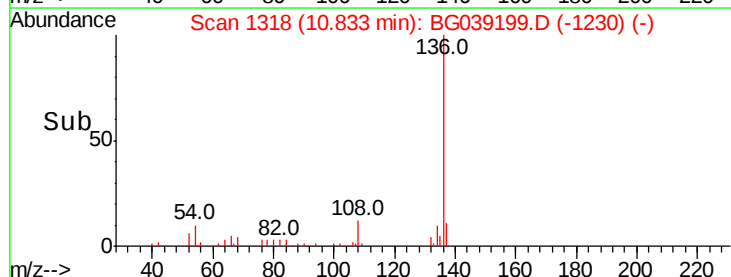
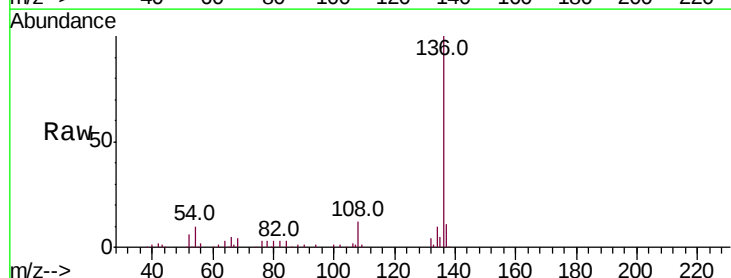
Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027

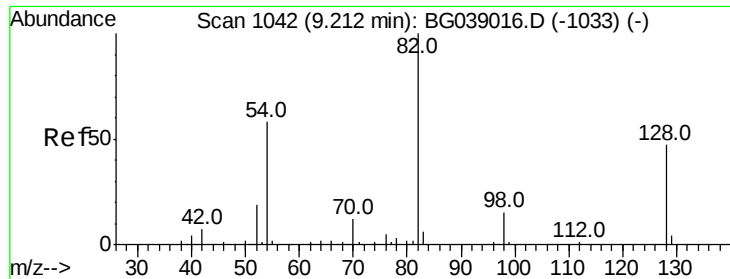
Tot Ion: 70 Resp: 22442
Ion Ratio Lower Upper
70 100
42 58.1 59.0 88.4#
101 0.0 10.4 15.6#
130 1.8 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039199.D
Acq: 18 Jan 2019 1:11

Tgt Ion:136 Resp: 89355
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 9.6 7.2 10.8
68 4.3 3.5 5.3

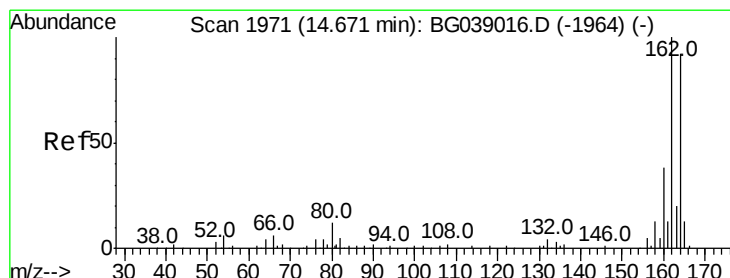
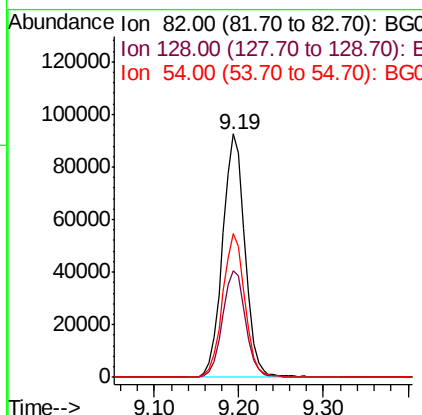
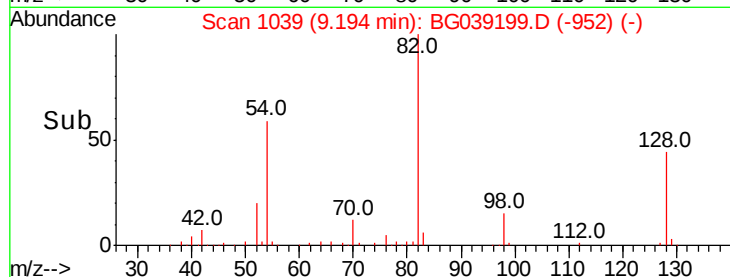
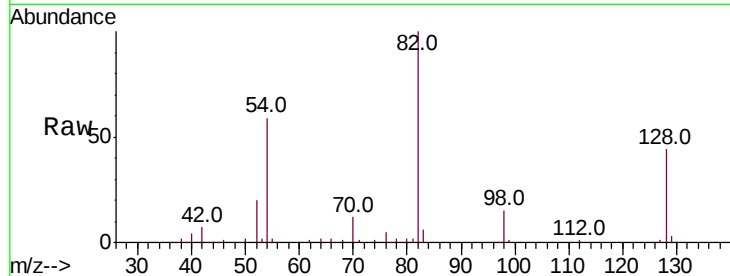




#23
 Nitrobenzene-d5
 Concen: 103.674 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

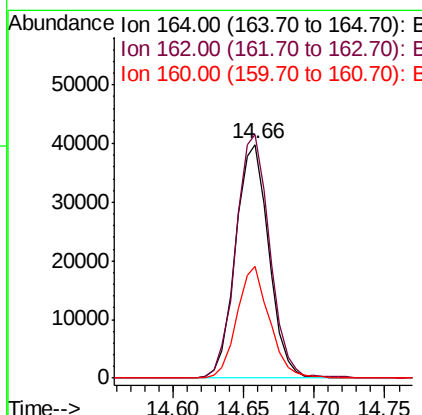
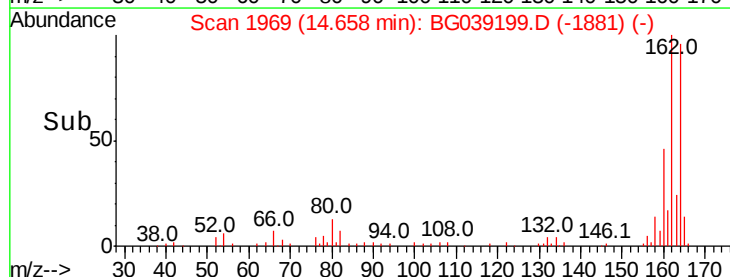
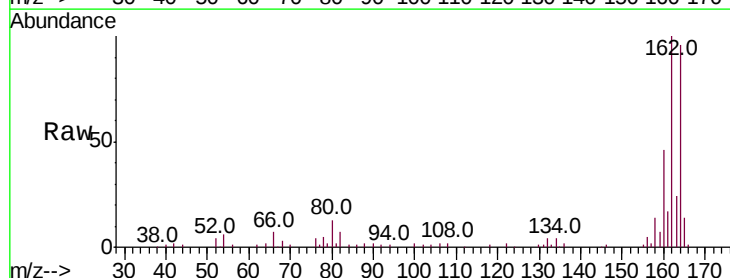
Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

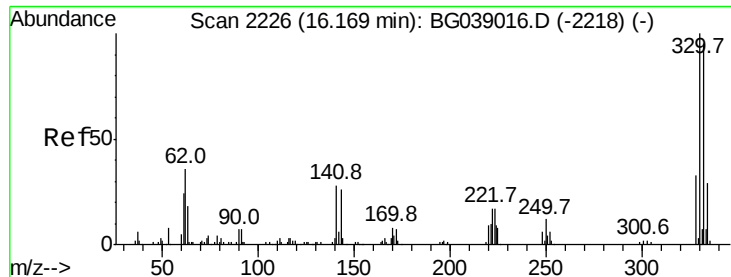
Tot Ion: 82 Resp: 169296
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.3 55.9
 54 59.1 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Tgt Ion: 164 Resp: 65486
 Ion Ratio Lower Upper
 164 100
 162 104.3 87.2 130.8
 160 48.1 33.3 49.9

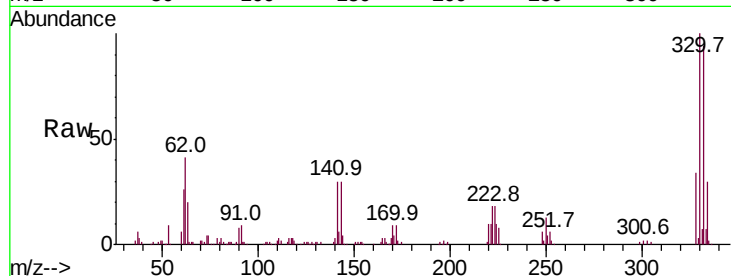




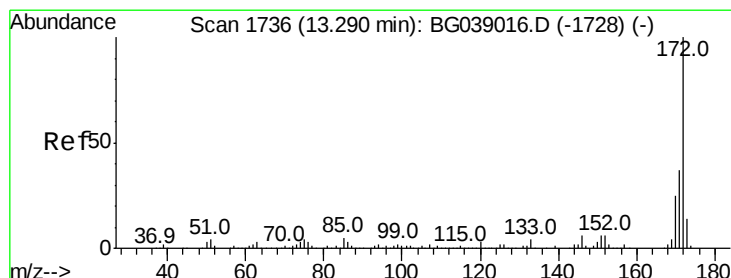
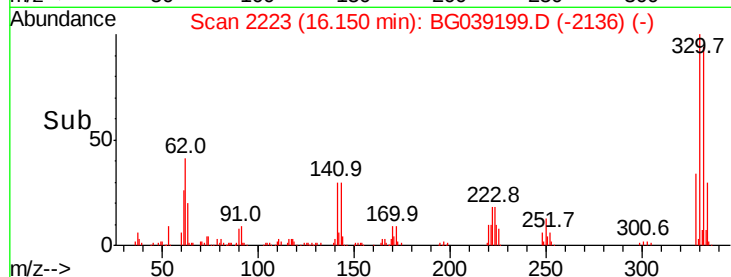
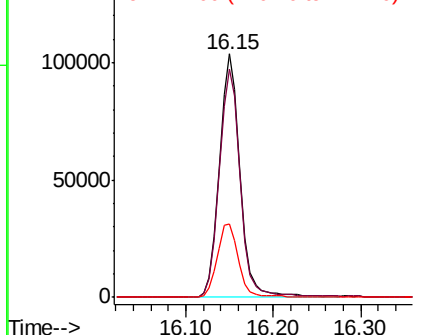
#42
 2,4,6-Tribromophenol
 Concen: 155.037 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	31.1	24.9	37.3

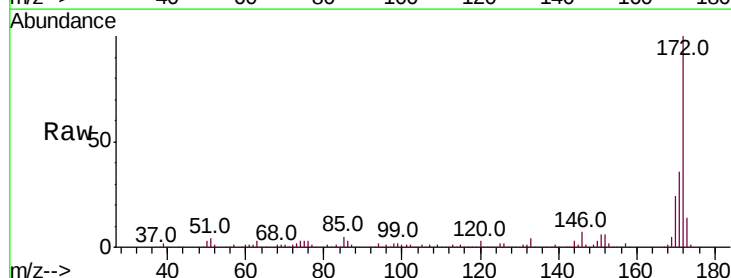


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

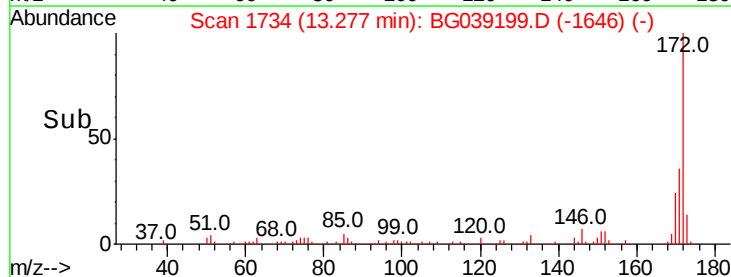
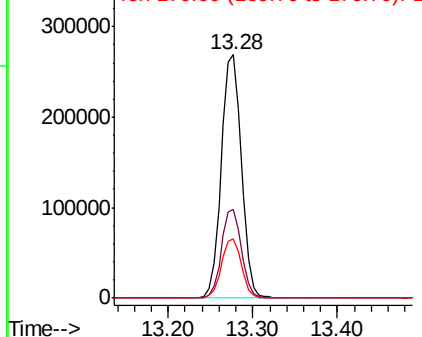


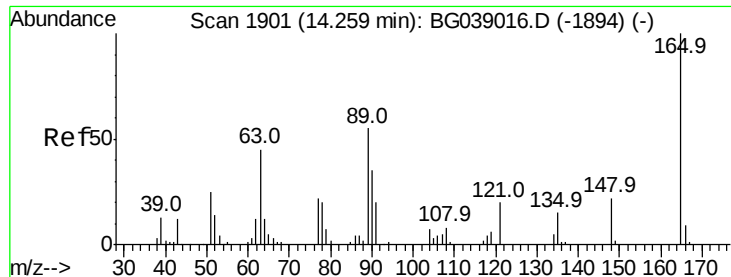
#45
 2-Fluorobiphenyl
 Concen: 92.994 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.3	20.1	30.1



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

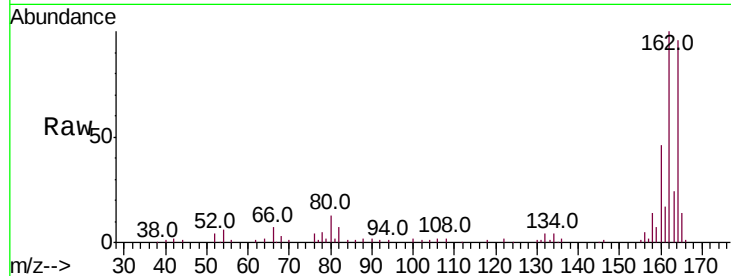




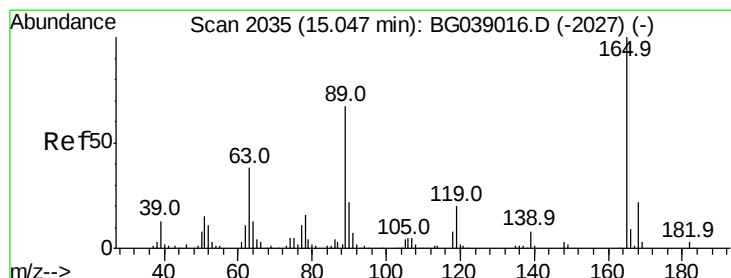
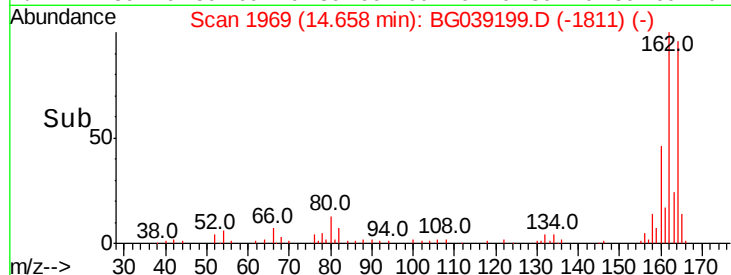
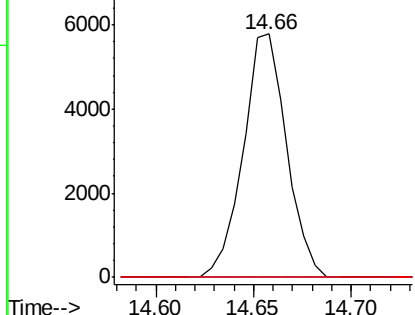
#51
 2,6-Dinitrotoluene
 Concen: 7.166 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

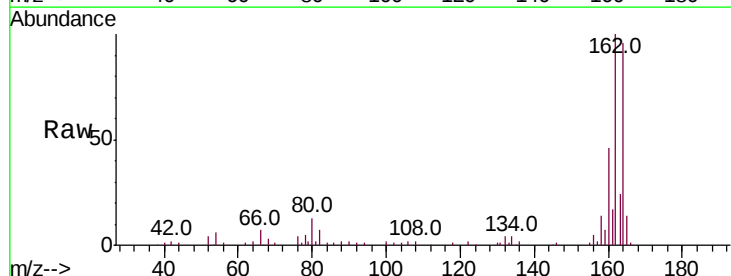


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

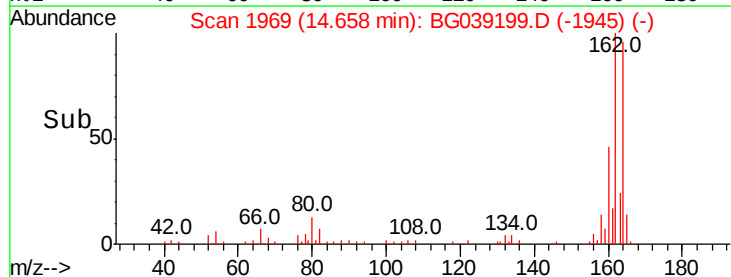
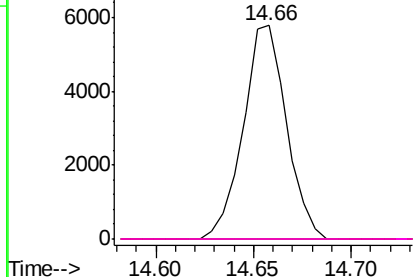


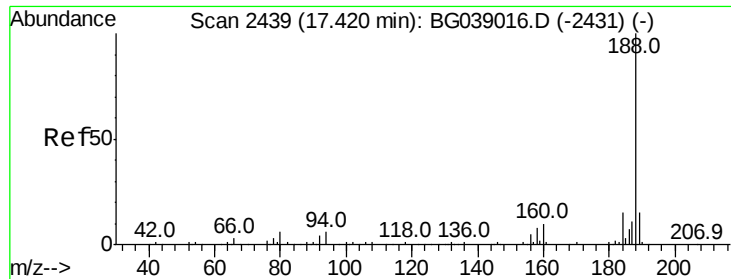
#57
 2,4-Dinitrotoluene
 Concen: 4.995 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027

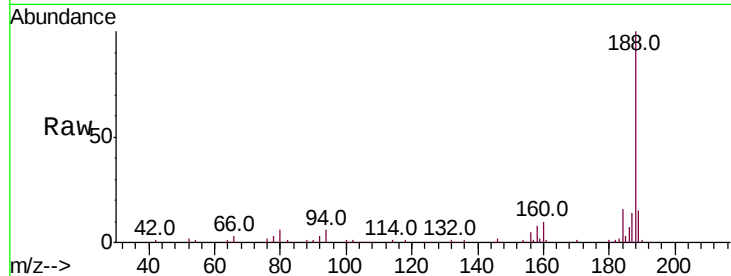
Tot Ion:188 Resp: 176302

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

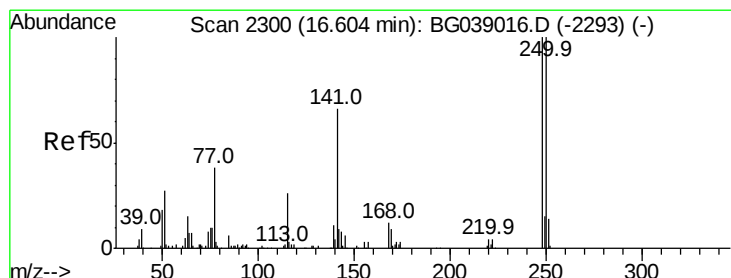
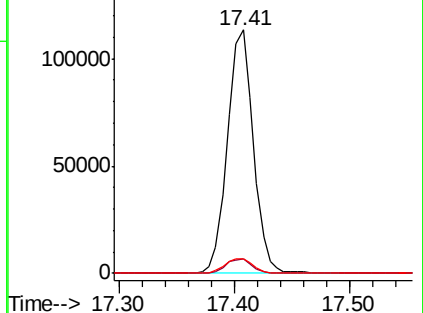
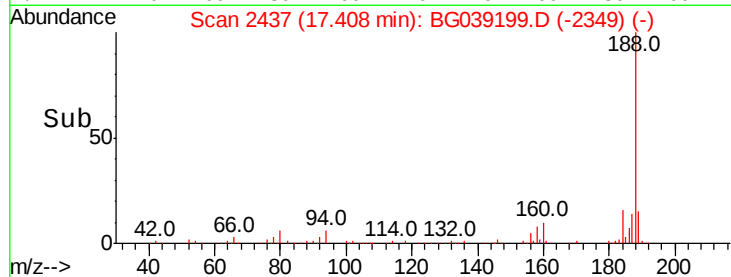
80 5.8 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.772 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

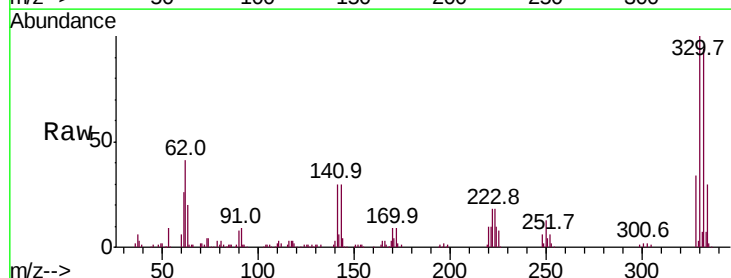
Tgt Ion:248 Resp: 10815

Ion Ratio Lower Upper

248 100

250 196.0 79.9 119.9#

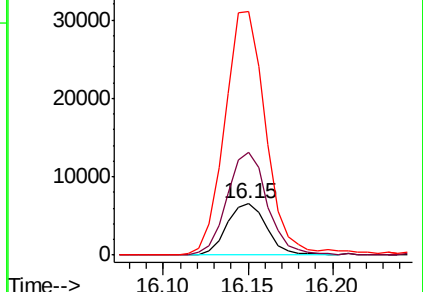
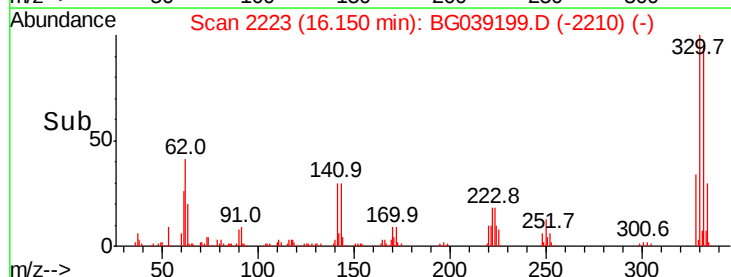
141 351.2 52.7 79.1#

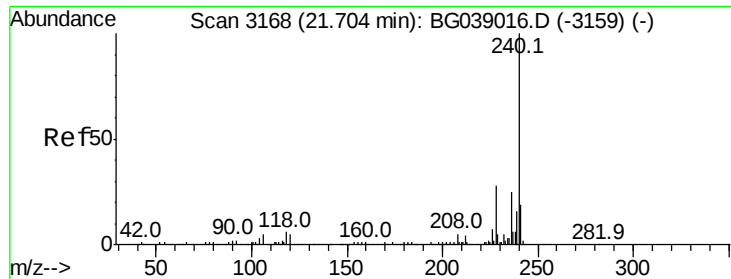


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

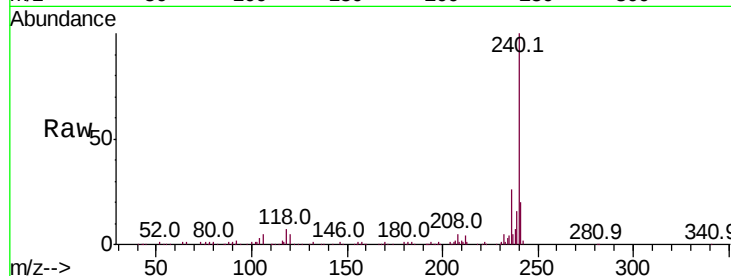




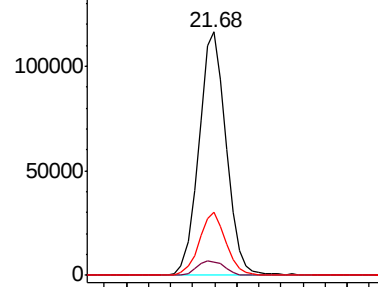
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027

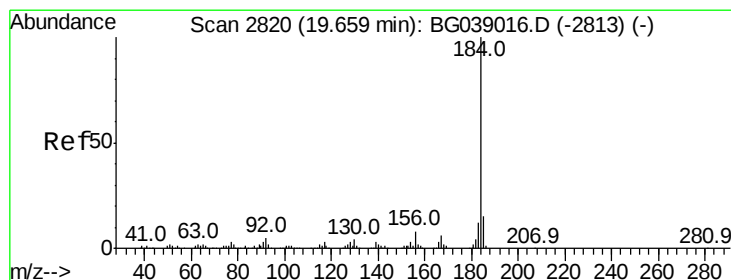
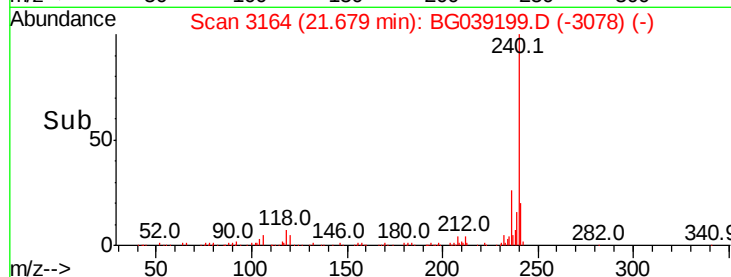
Tot Ion:240 Resp: 201110
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.3 6.5
 236 26.1 20.1 30.1



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

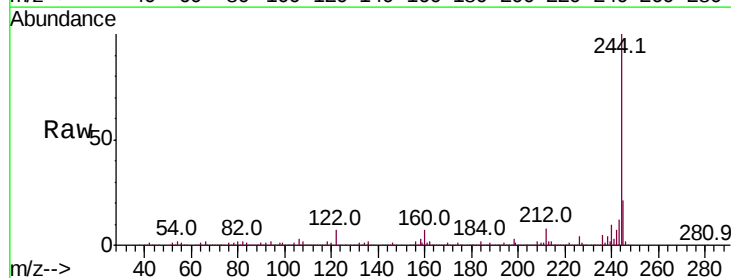


Time-->

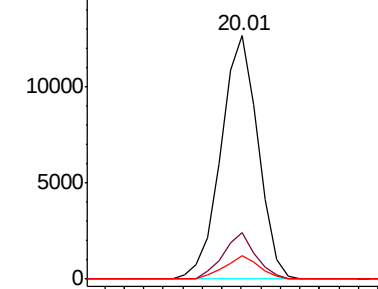


#77
 Benzidine
 Concen: 2.697 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. 0.35 min
 Lab File: BG039199.D
 Acq: 18 Jan 2019 1:11

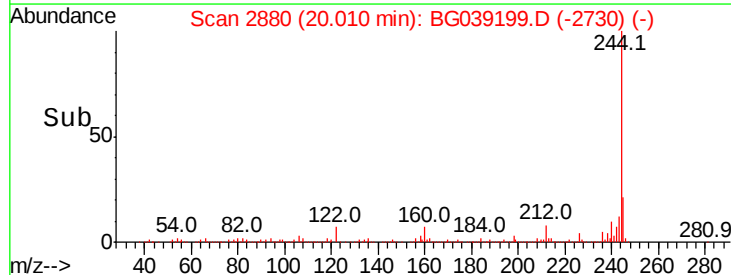
Tgt Ion:184 Resp: 16587
 Ion Ratio Lower Upper
 184 100
 185 19.2 12.1 18.1#
 183 9.5 9.5 14.3#

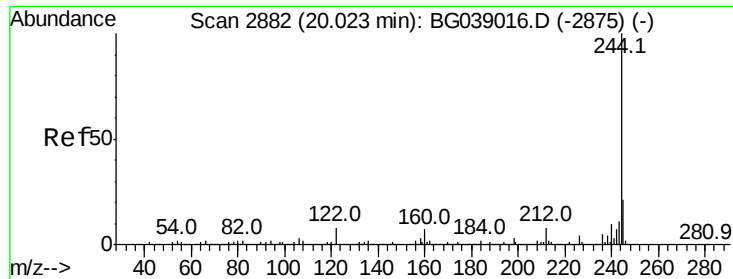


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E



Time-->





#79

Terphenyl-d14

Concen: 92.821 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027

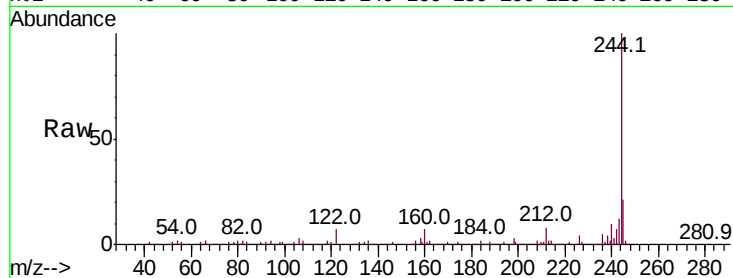
Tot Ion:244 Resp: 1009097

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.1	6.1	9.1

244 100

212 7.6 6.1 9.1

122 7.1 6.1 9.1

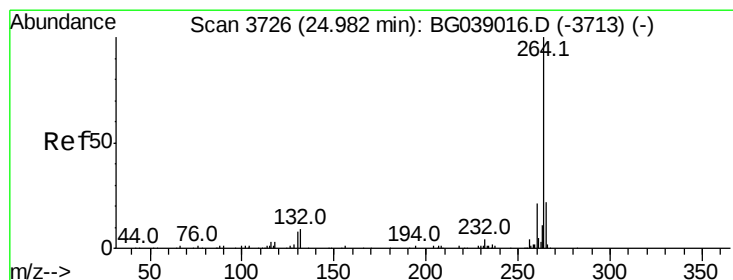
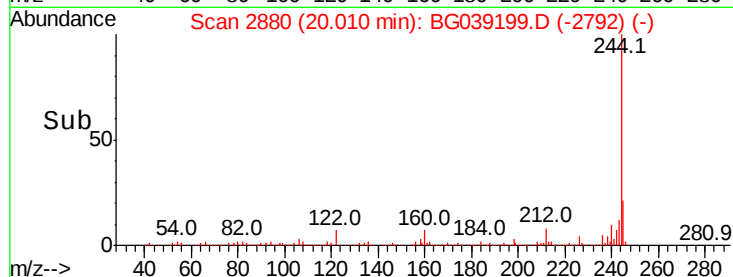
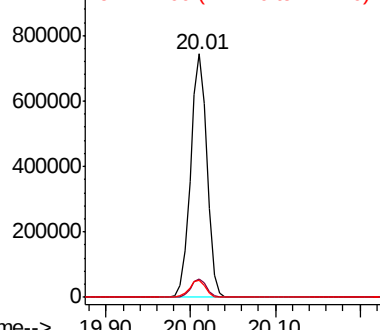


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039199.D

Acq: 18 Jan 2019 1:11

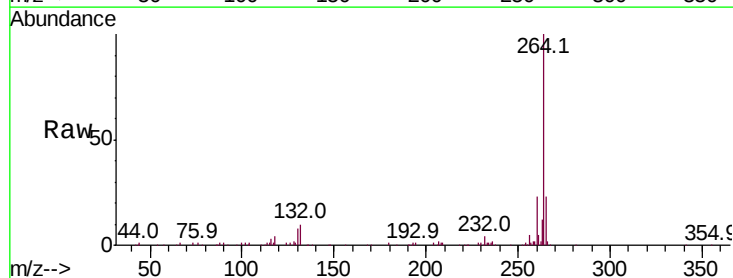
Tgt Ion:264 Resp: 213681

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.0	25.6
265	22.7	17.2	25.8

264 100

260 23.3 17.0 25.6

265 22.7 17.2 25.8



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

