

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040343.D
 Acq On : 4 Apr 2019 2:33
 Operator : JU/SJ
 Sample : K2219-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 03:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

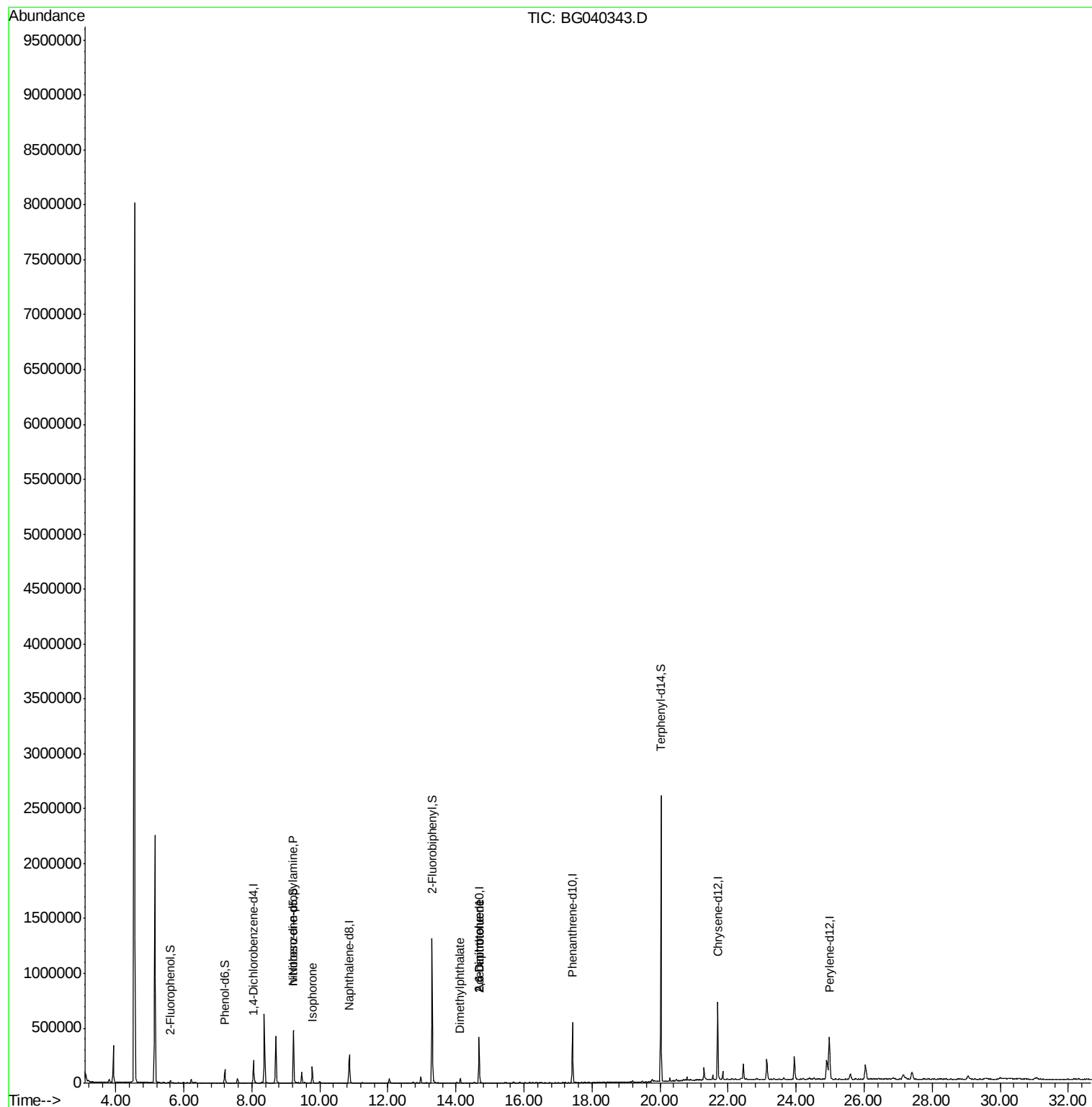
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59893	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	232197	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	143476	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	365617	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	411380	20.00	ng	-0.04
87) Perylene-d12	24.97	264	412571	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	11166	3.10	ng	-0.01
7) Phenol-d6	7.20	99	75154	15.09	ng	-0.02
23) Nitrobenzene-d5	9.22	82	304035	69.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	679	0.44	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	721564	74.52	ng	-0.03
79) Terphenyl-d14	20.02	244	1222636	66.86	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	38341	10.740	ng	Qvalue # 70
25) Isophorone	9.78	82	115831	12.887	ng	96
50) Dimethylphthalate	14.12	163	35480	3.160	ng	98
51) 2,6-Dinitrotoluene	14.68	165	18057	7.162	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	18057	5.154	ng	# 26

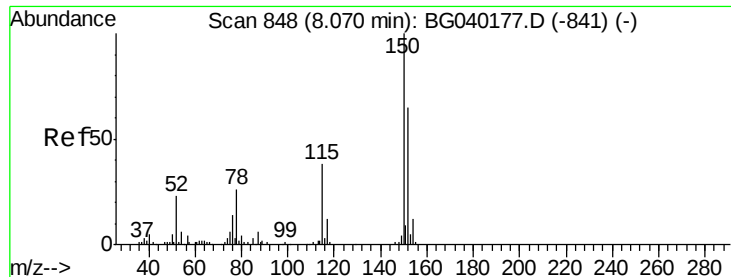
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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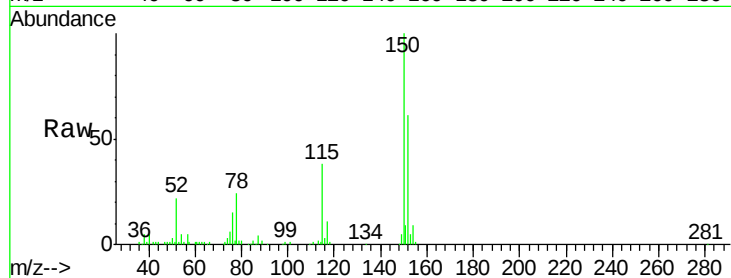


#1

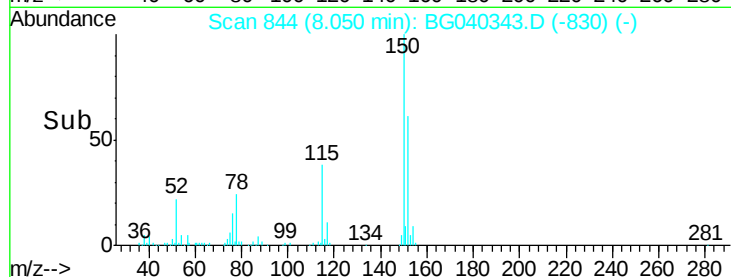
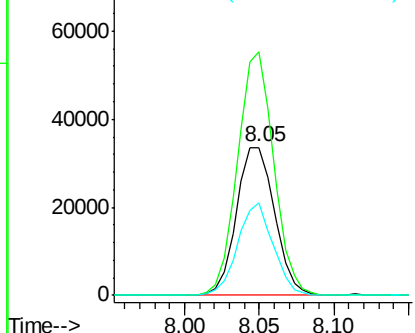
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59893
Ion Ratio Lower Upper
152 100
150 164.3 123.7 185.5
115 62.7 46.9 70.3



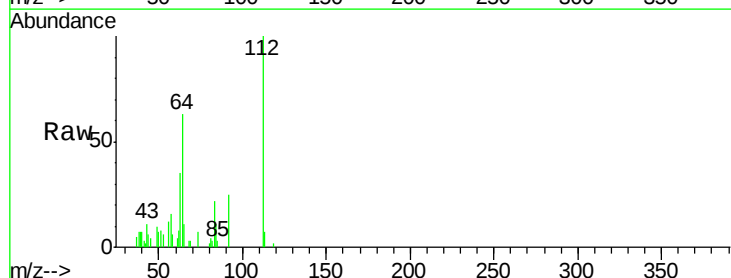
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



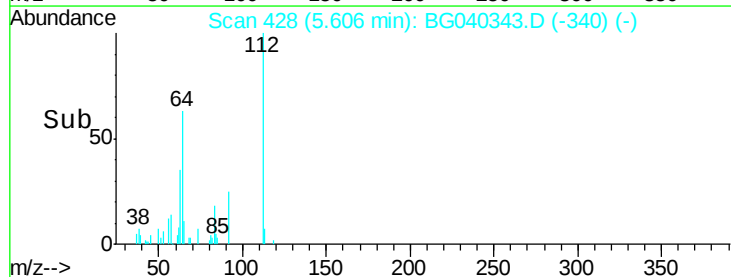
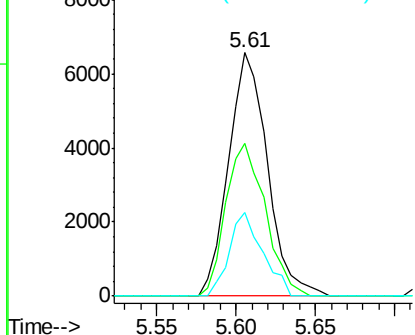
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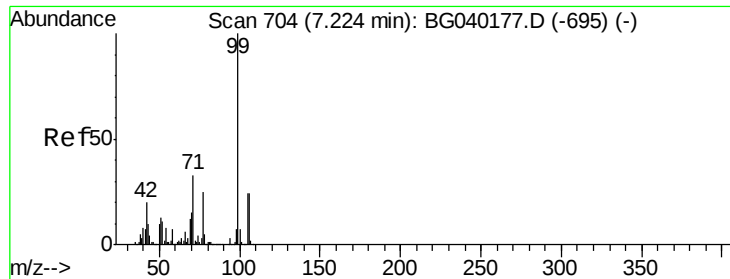
2-Fluorophenol
Concen: 3.099 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Tgt Ion:112 Resp: 11166
Ion Ratio Lower Upper
112 100
64 62.7 54.2 81.2
63 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 15.094 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Instrument :

BNA_G

ClientSampled :

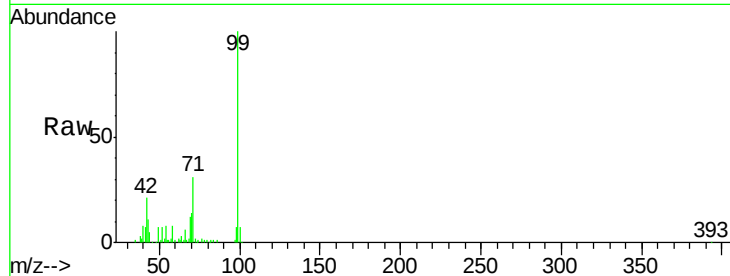
Tot Ion: 99 Resp: 75154

Ion Ratio Lower Upper

99 100

42 20.6 16.2 24.2

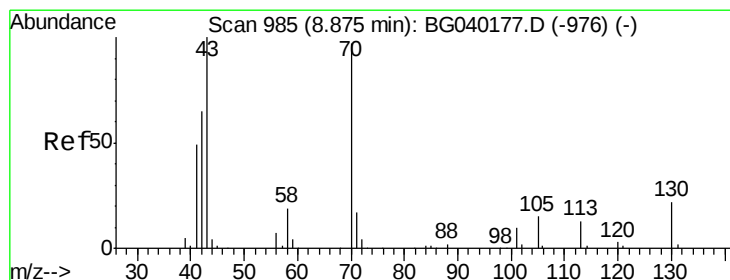
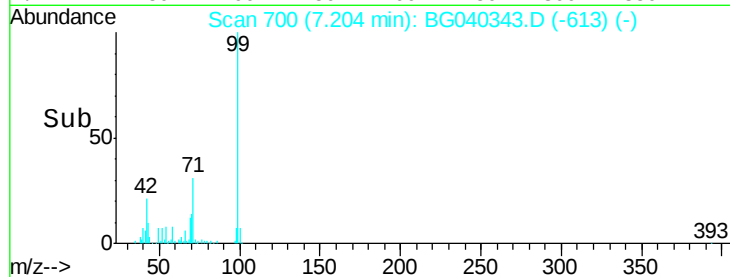
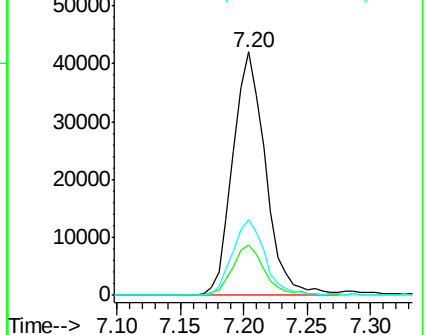
71 31.1 26.8 40.2



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: 10.740 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Tgt Ion: 70 Resp: 38341

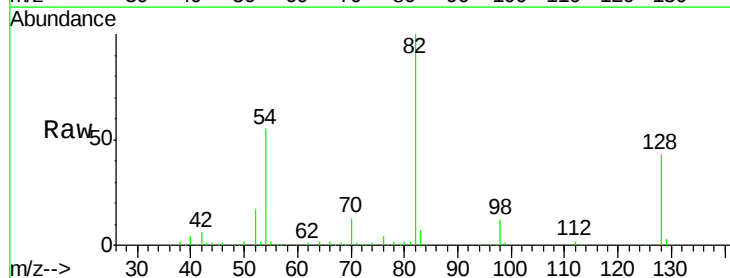
Ion Ratio Lower Upper

70 100

42 46.4 54.0 81.0#

101 0.0 8.6 13.0#

130 3.4 18.2 27.2#

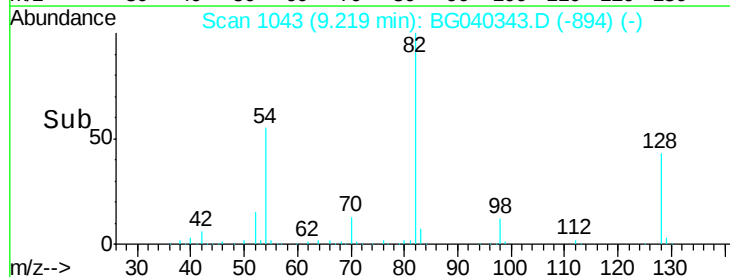
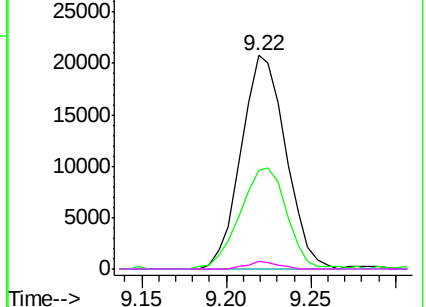


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

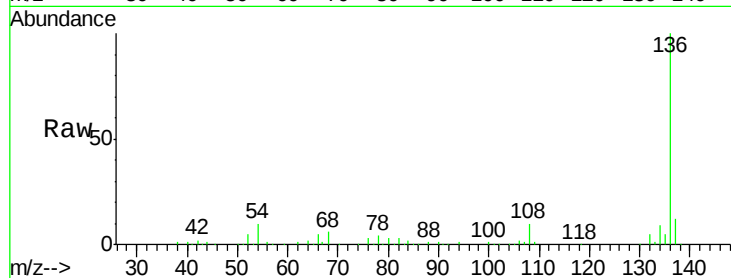




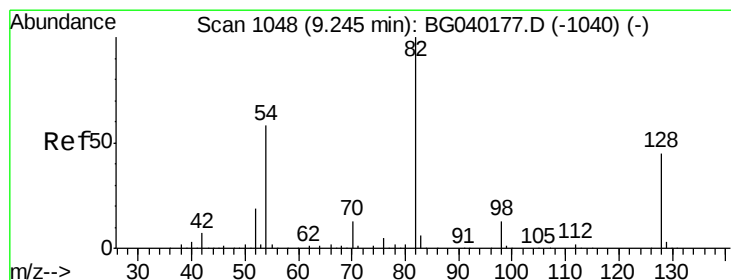
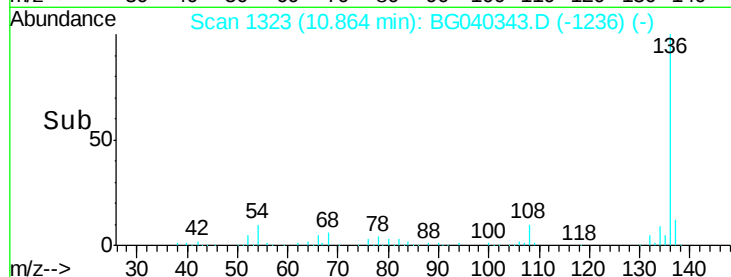
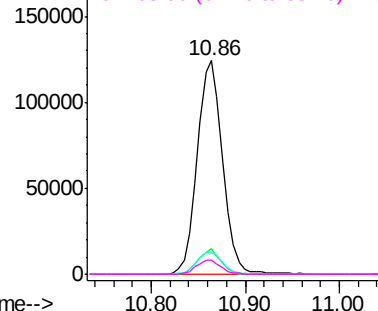
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	232197
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.9 13.3
54	9.9	9.6 14.4
68	6.5	5.1 7.7

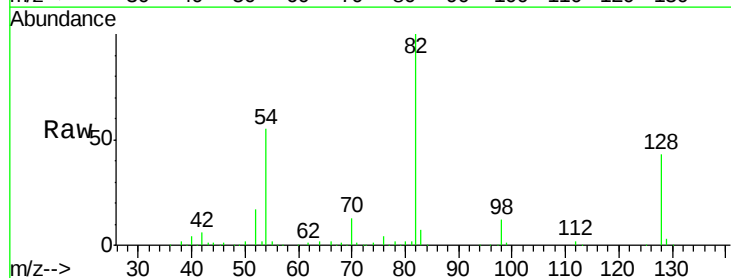


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

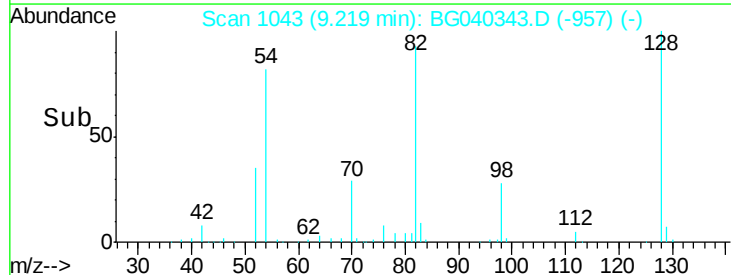
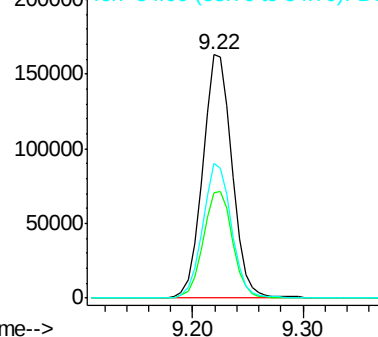


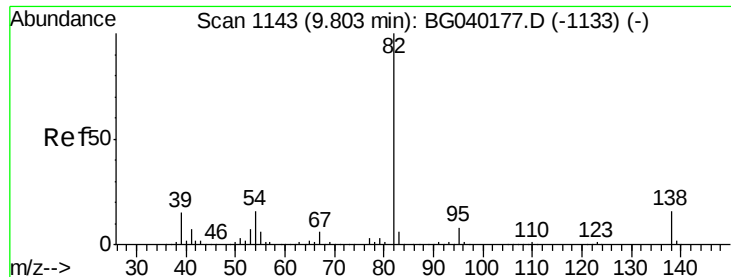
#23
Nitrobenzene-d5
Concen: 69.598 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Tgt Ion: 82	Resp:	304035
Ion Ratio	Lower	Upper
82	100	
128	43.3	35.8 53.8
54	55.3	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

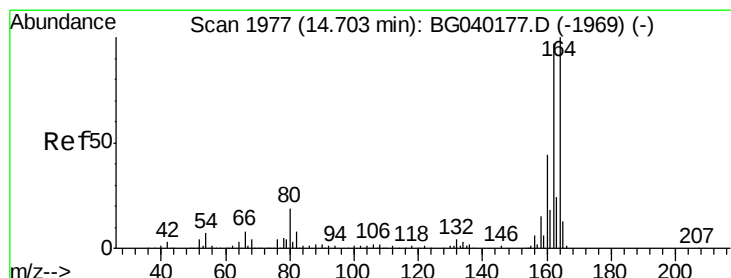
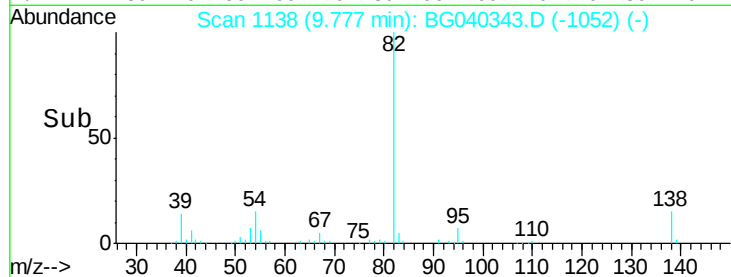
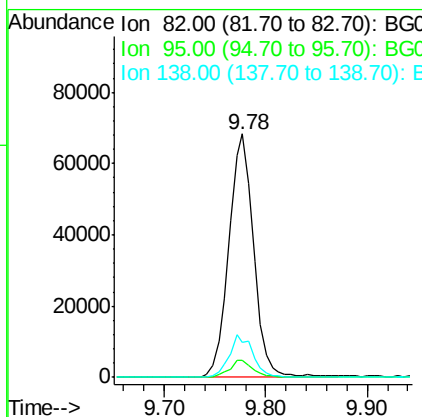
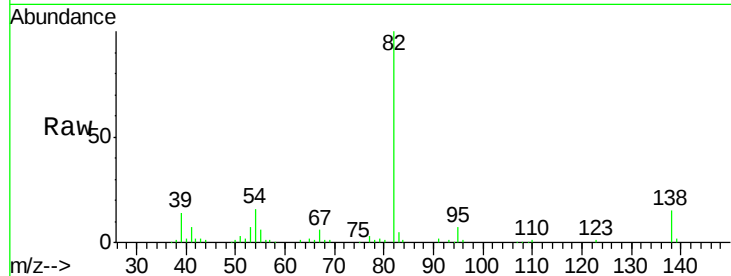




#25
Isophorone
Concen: 12.887 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

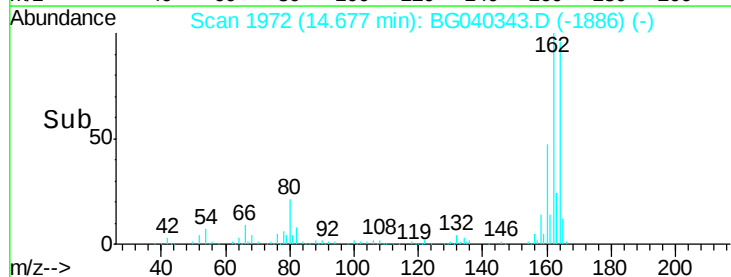
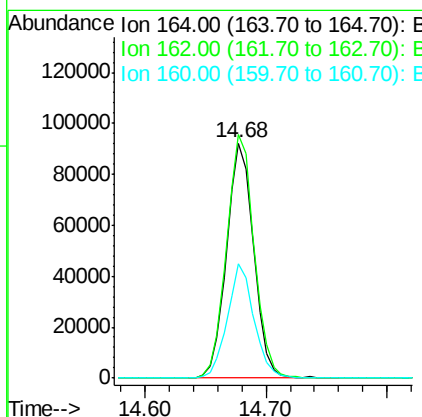
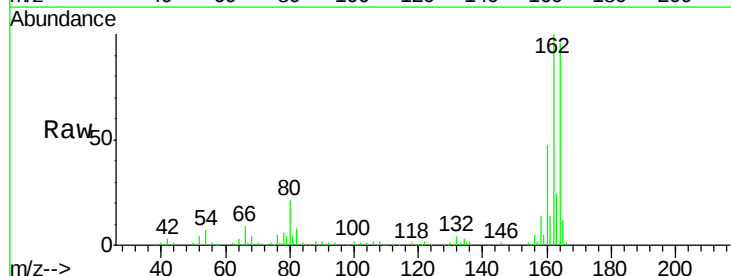
Instrument :
BNA_G
ClientSampleId :

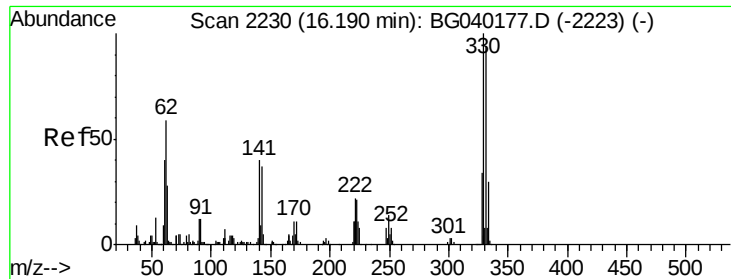
Tot Ion: 82 Resp: 115831
Ion Ratio Lower Upper
82 100
95 6.8 6.1 9.1
138 14.6 13.2 19.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Tgt Ion: 164 Resp: 143476
Ion Ratio Lower Upper
164 100
162 103.7 77.4 116.2
160 49.0 35.3 52.9

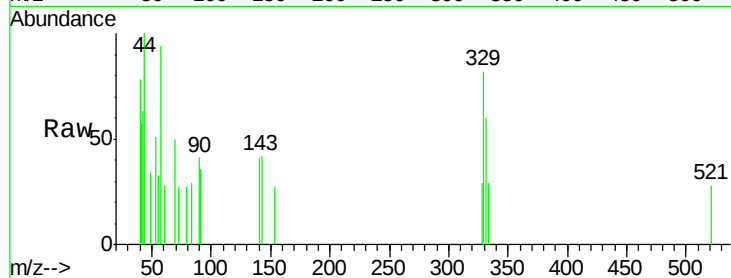




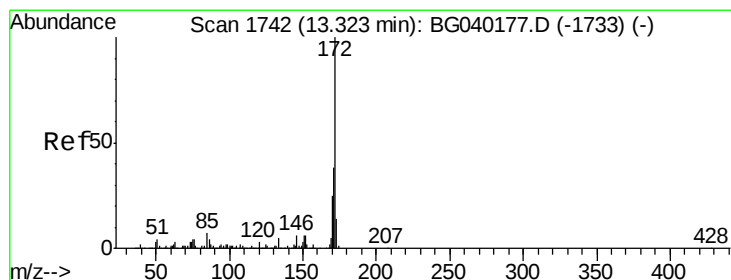
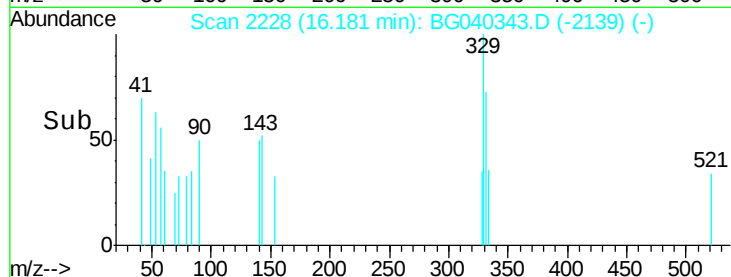
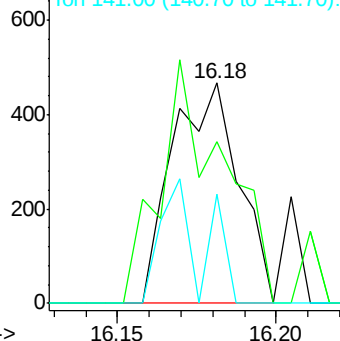
#42
 2,4,6-Tribromophenol
 Concen: 0.438 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 679
 Ion Ratio Lower Upper
 330 100
 332 104.7 76.6 115.0
 141 34.9 32.6 48.8

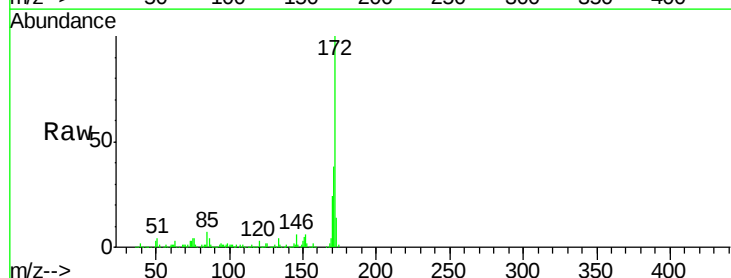


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

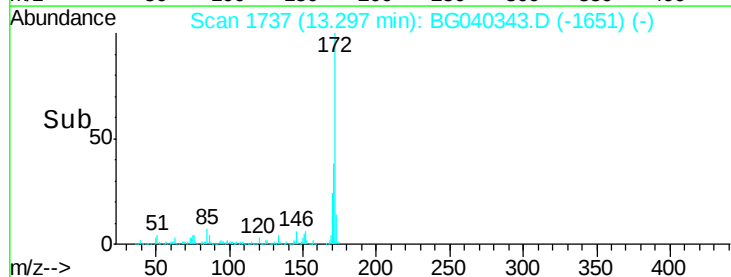
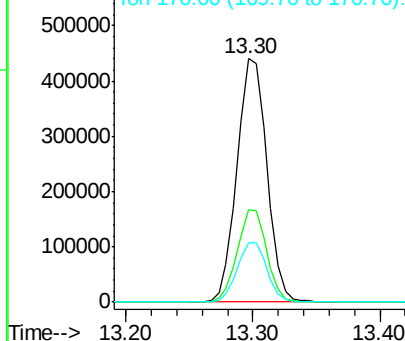


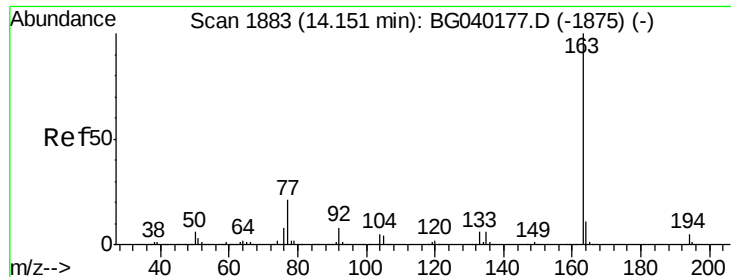
#45
 2-Fluorobiphenyl
 Concen: 74.520 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

Tgt Ion:172 Resp: 721564
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 24.4 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

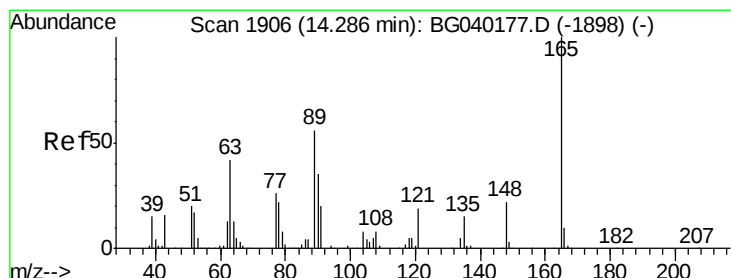
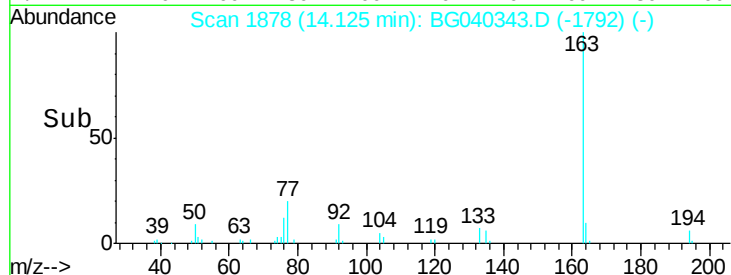
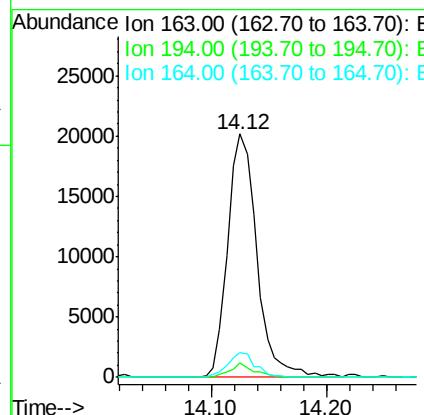
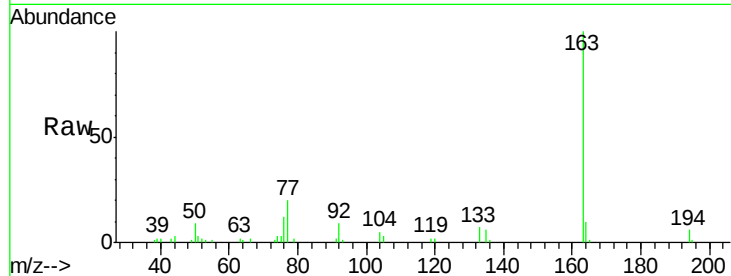




#50
Dimethylphthalate
Concen: 3.160 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

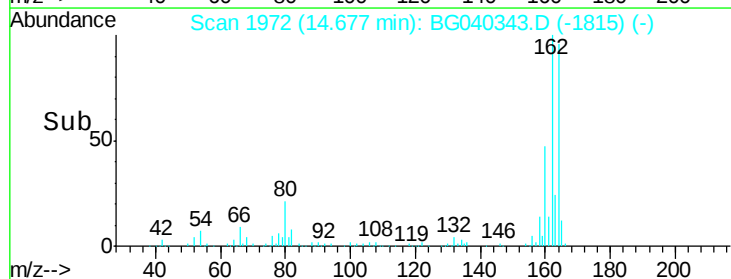
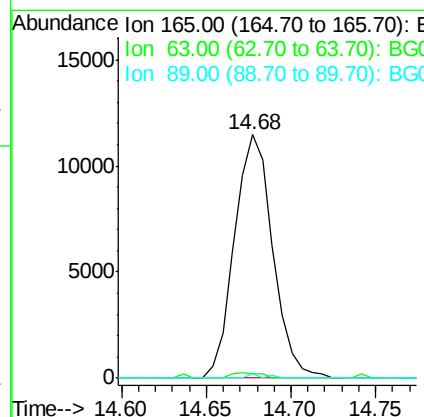
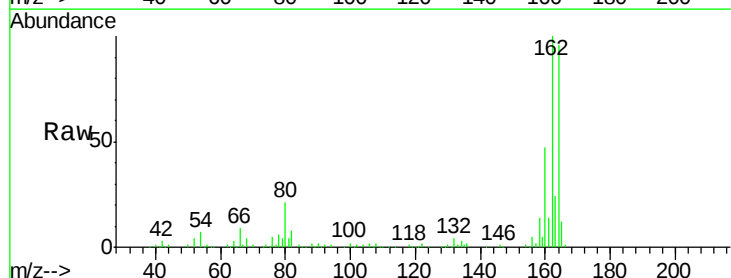
Instrument :
BNA_G
ClientSampleId :

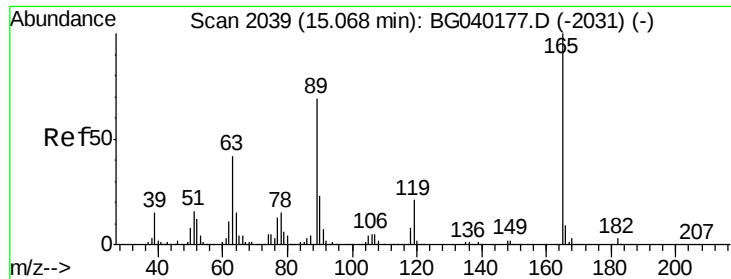
Tot Ion:163 Resp: 35480
Ion Ratio Lower Upper
163 100
194 5.8 4.1 6.1
164 10.3 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 7.162 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Tgt Ion:165 Resp: 18057
Ion Ratio Lower Upper
165 100
63 2.0 44.1 66.1#
89 1.5 44.9 67.3#

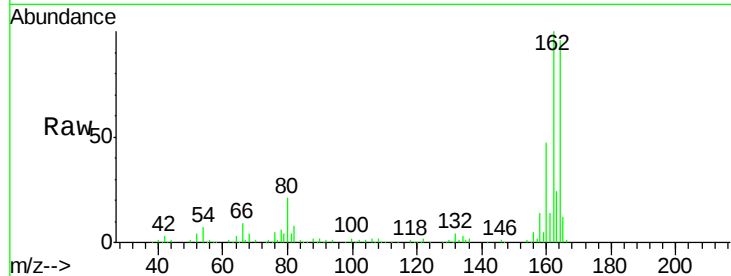




#57
 2,4-Dinitrotoluene
 Concen: 5.154 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	1.5	55.4	83.2#
182	0.0	2.2	3.4#

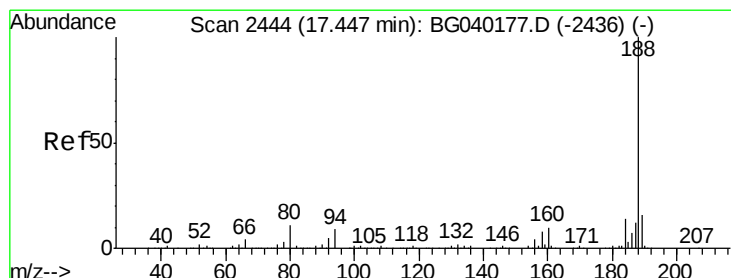
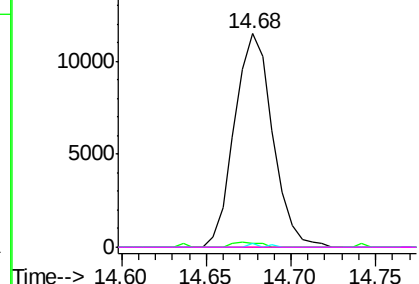
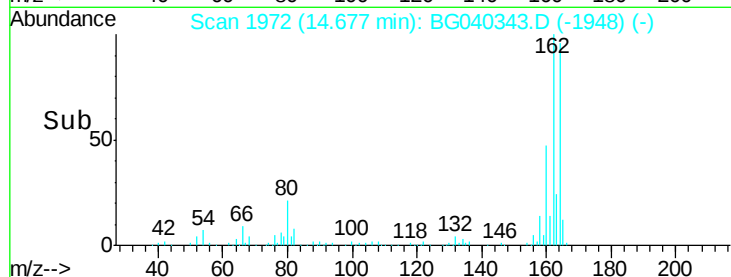


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

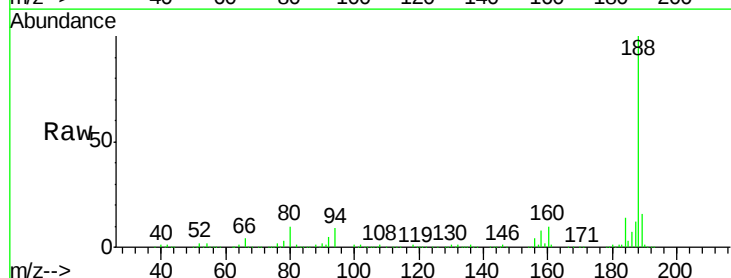
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

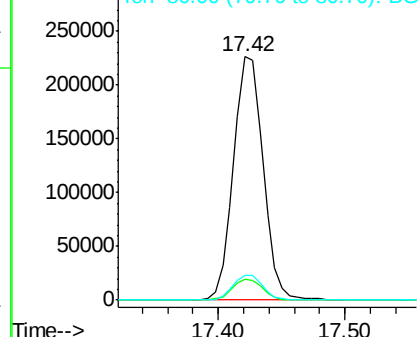
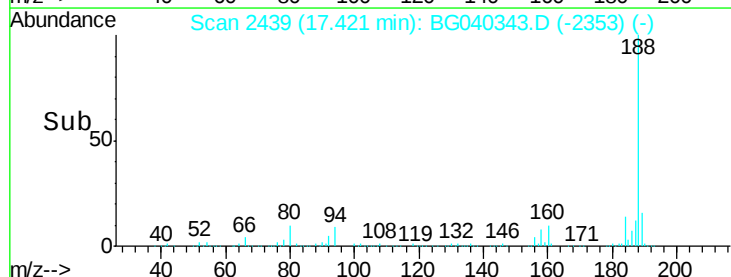
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.1	8.6	13.0

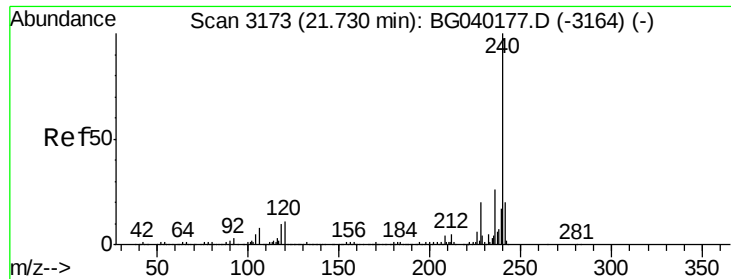


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

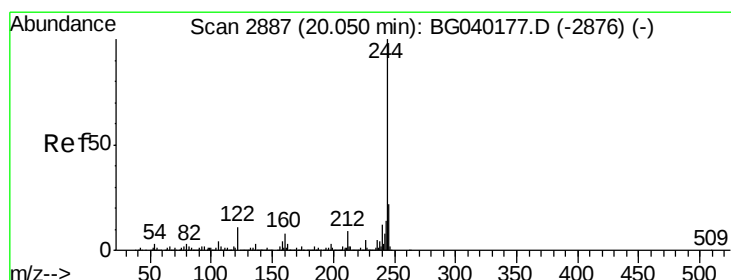
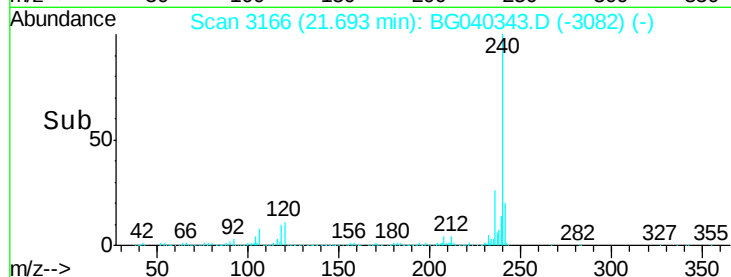
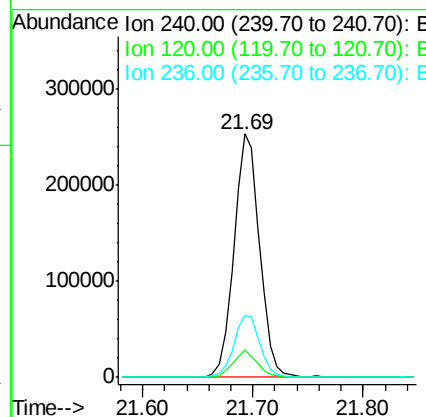
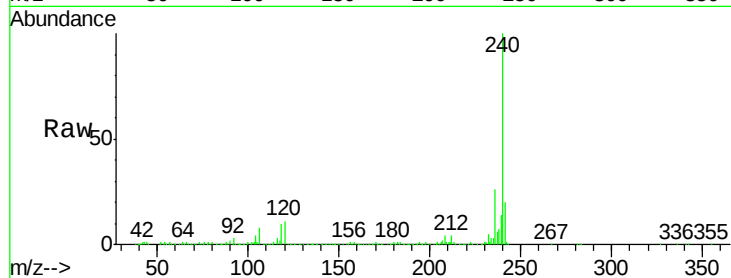




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

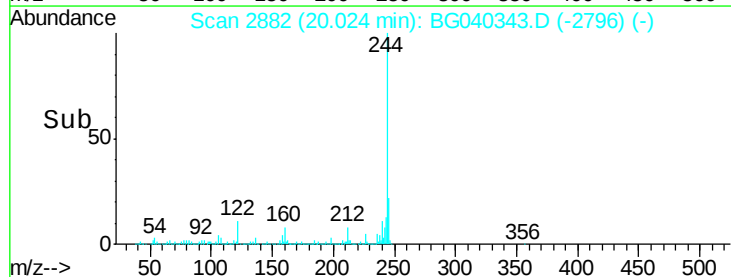
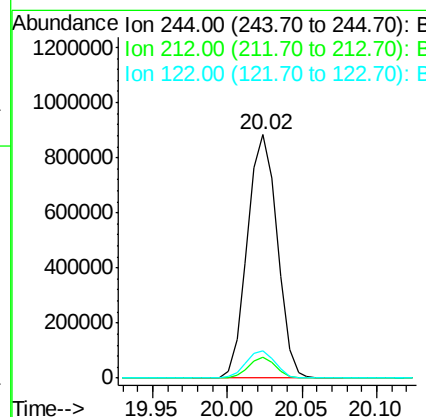
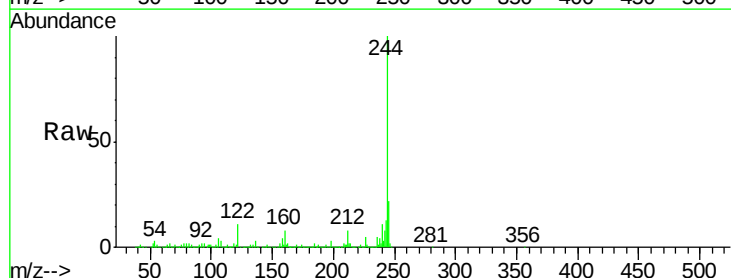
Instrument :
 BNA_G
 ClientSampleId :

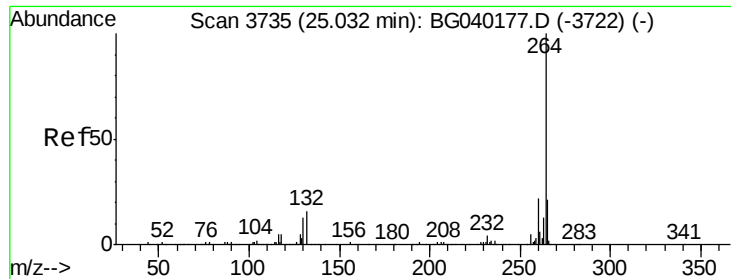
Tot Ion:240 Resp: 411380
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 25.6 20.8 31.2



#79
 Terphenyl-d14
 Concen: 66.860 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

Tgt Ion:244 Resp: 1222636
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 11.2 8.5 12.7

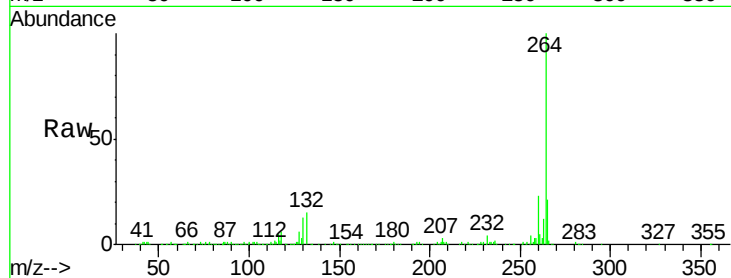




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 412571
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 21.4 16.8 25.2



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

