

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044439.D
 Acq On : 14 Feb 2020 15:20
 Operator : CG/JU
 Sample : PB126818BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

Quant Time: Feb 15 06:01:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

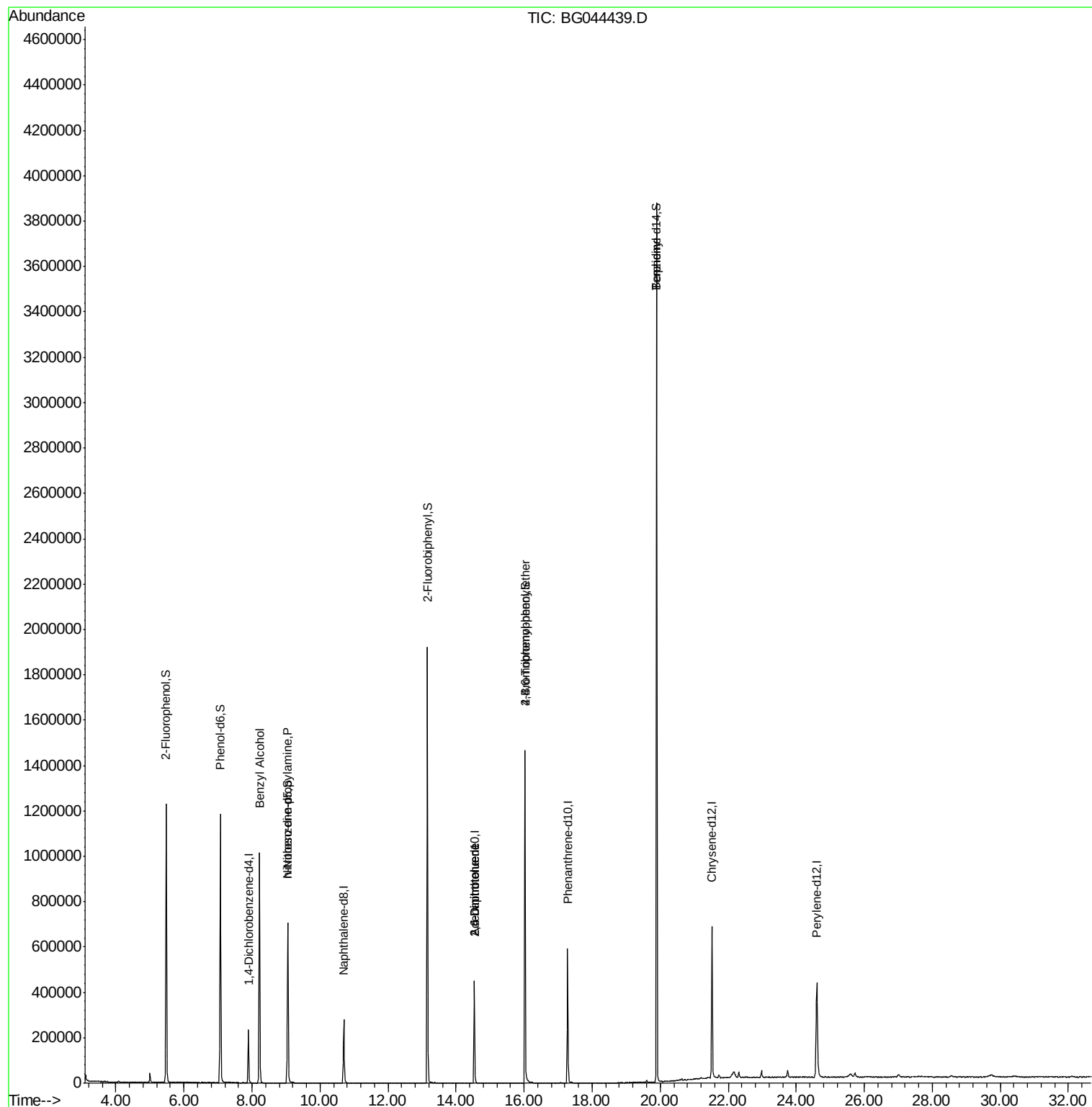
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	70747	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	275874	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175270	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	409955	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	411582	20.00	ng	-0.02
87) Perylene-d12	24.60	264	420393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	607936	151.65	ng	0.00
7) Phenol-d6	7.07	99	766615	142.41	ng	0.00
23) Nitrobenzene-d5	9.05	82	469089	96.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	305631	148.54	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1071847	102.41	ng	0.00
79) Terphenyl-d14	19.90	244	1845654	92.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.22	79	7877	2.067	ng	# 52
19) n-Nitroso-di-n-propylamine	9.05	70	60311	16.811	ng	# 75
51) 2,6-Dinitrotoluene	14.53	165	22443	7.989	ng	# 28
57) 2,4-Dinitrotoluene	14.53	165	22443	5.700	ng	# 26
67) 4-Bromophenyl-phenylether	16.03	248	20688	4.632	ng	# 1
77) Benzidine	19.90	184	30110	2.637	ng	# 92

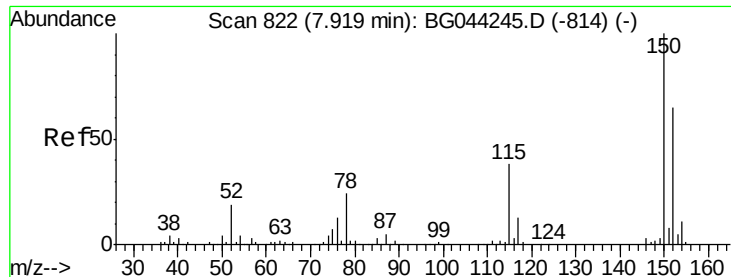
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044439.D
Acq On : 14 Feb 2020 15:20
Operator : CG/JU
Sample : PB126818BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126818BL

Quant Time: Feb 15 06:01:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



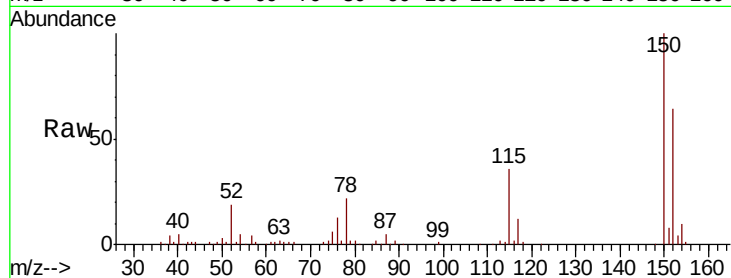


#1

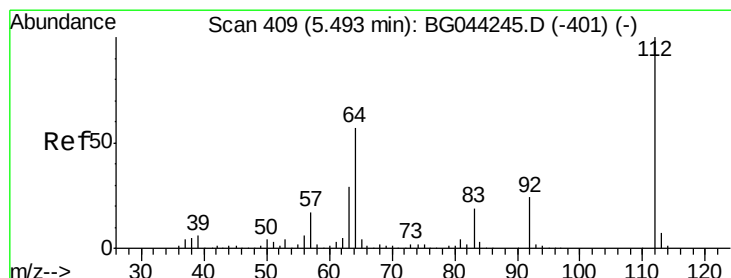
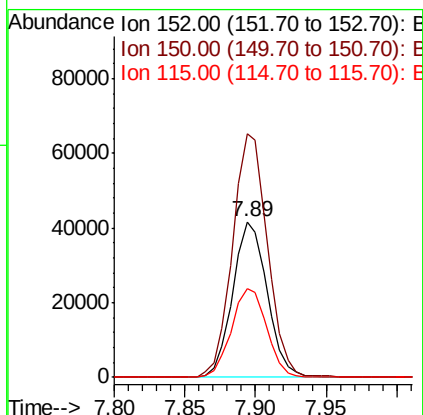
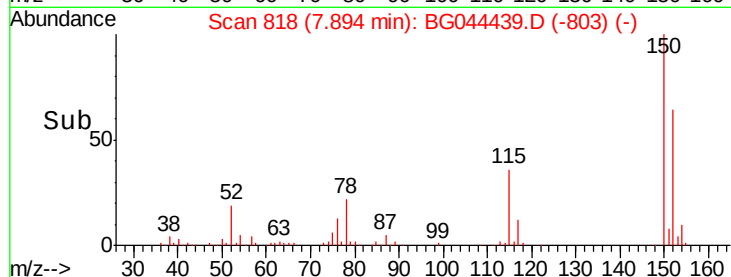
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

Tot Ion:152 Resp: 70747
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.6 183.8
 115 56.7 46.0 69.0



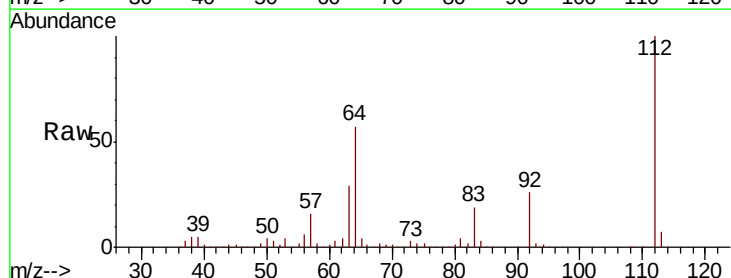
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



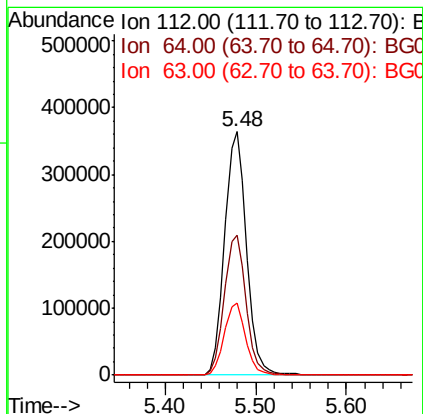
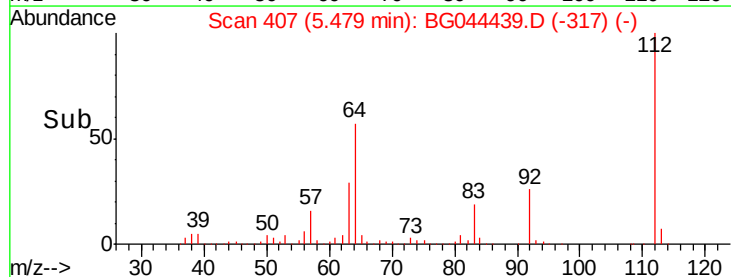
#5

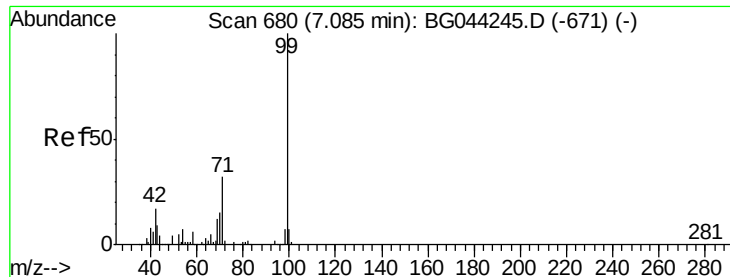
2-Fluorophenol
 Concen: 151.655 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Tgt Ion:112 Resp: 607936
 Ion Ratio Lower Upper
 112 100
 64 57.5 45.4 68.2
 63 29.5 22.9 34.3



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: 142.412 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

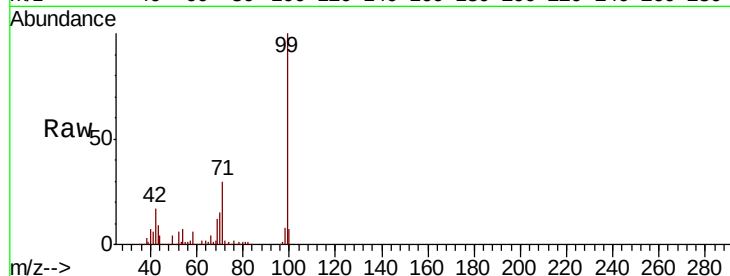
Tot Ion: 99 Resp: 766615

Ion Ratio Lower Upper

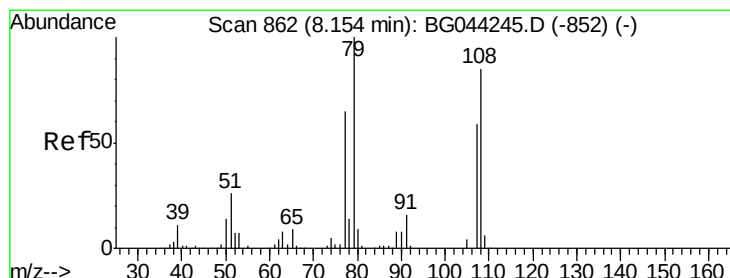
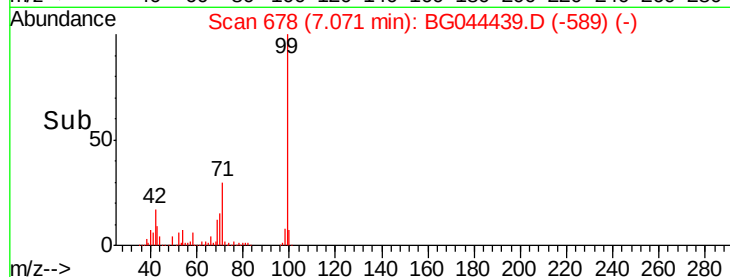
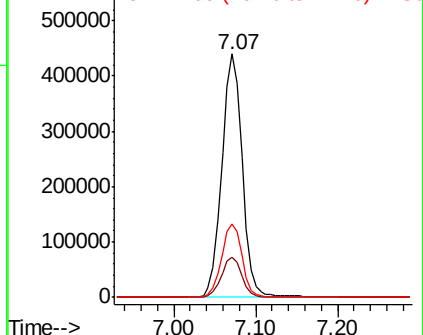
99 100

42 16.6 13.8 20.6

71 30.2 25.5 38.3



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: 2.067 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.08 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

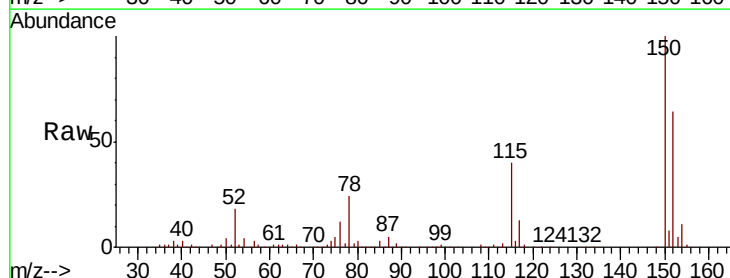
Tgt Ion: 79 Resp: 7877

Ion Ratio Lower Upper

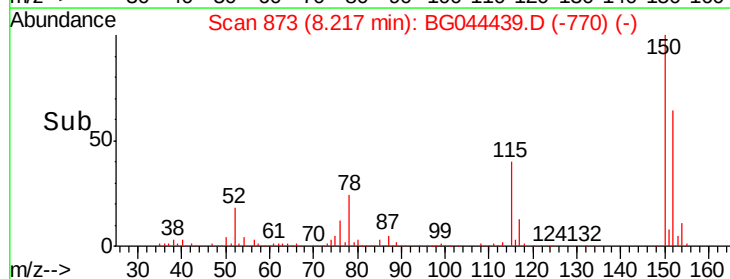
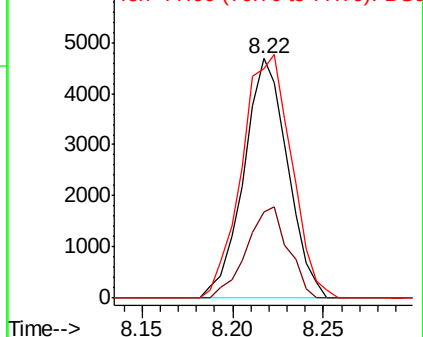
79 100

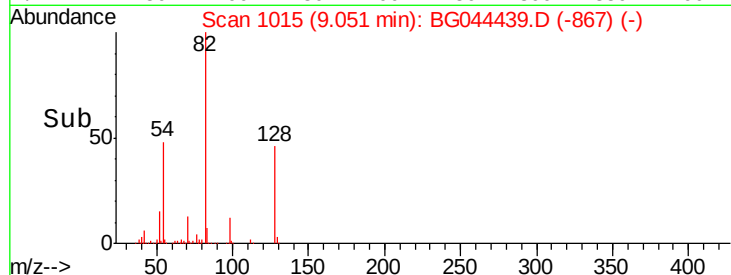
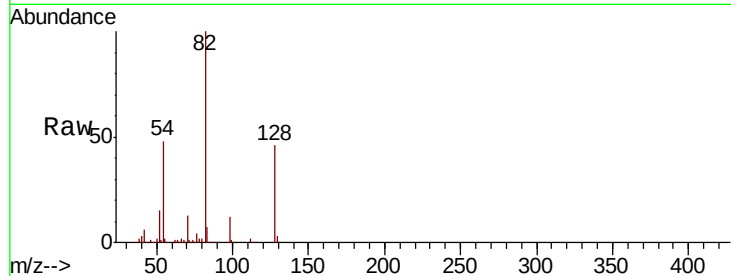
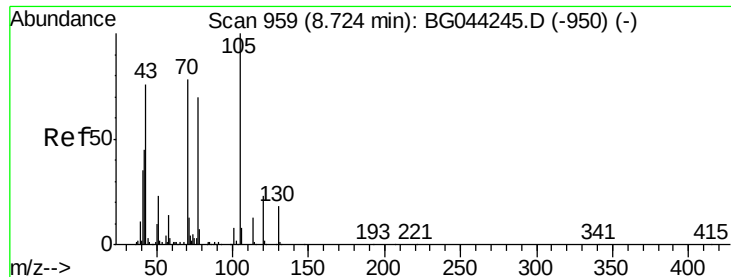
108 36.0 68.3 102.5#

77 95.7 51.8 77.8#



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

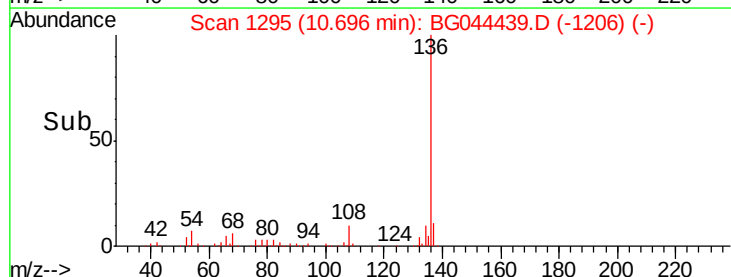
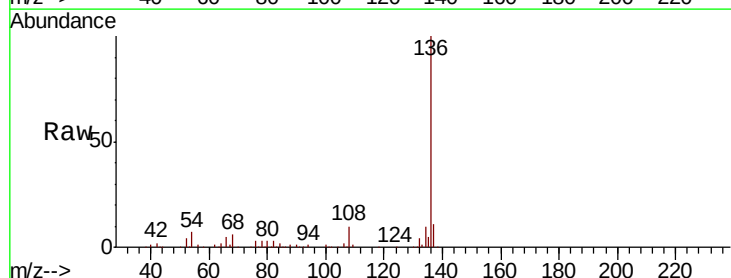
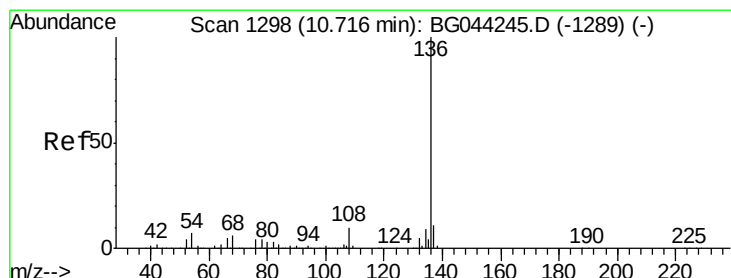
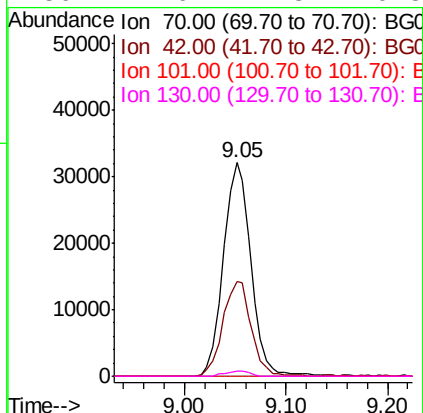




#19
n-Nitroso-di-n-propylamine
Concen: 16.811 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.34 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

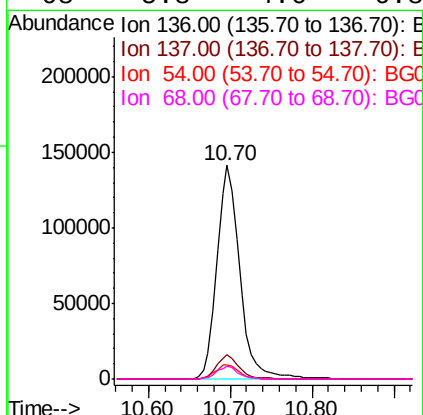
Instrument :
BNA_G
ClientSampleId :
PB126818BL

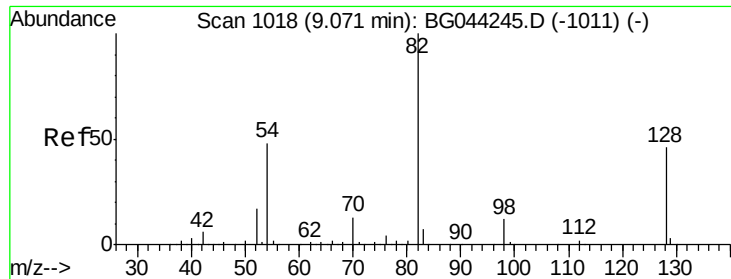
Tot Ion: 70 Resp: 60311
Ion Ratio Lower Upper
70 100
42 44.2 46.2 69.2#
101 0.0 8.4 12.6#
130 2.6 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044439.D
Acq: 14 Feb 2020 15:20

Tgt Ion: 136 Resp: 275874
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.8 8.8
68 5.8 4.6 6.8

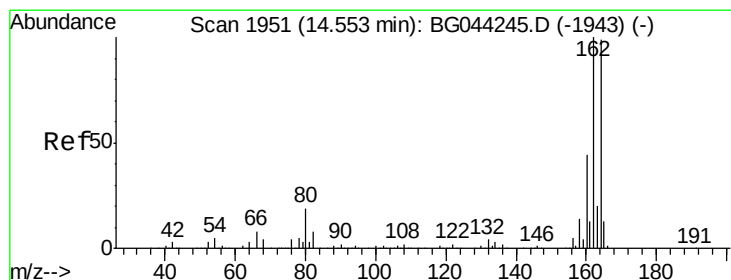
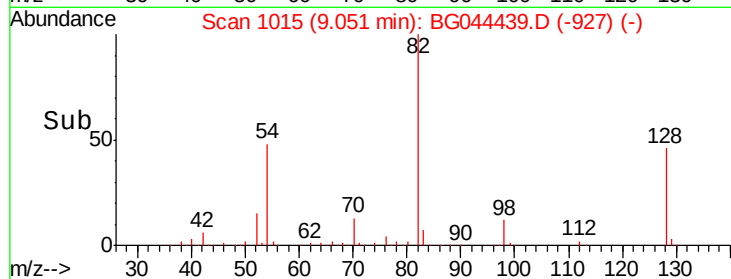
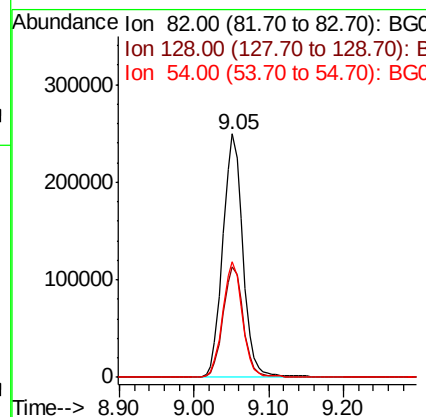
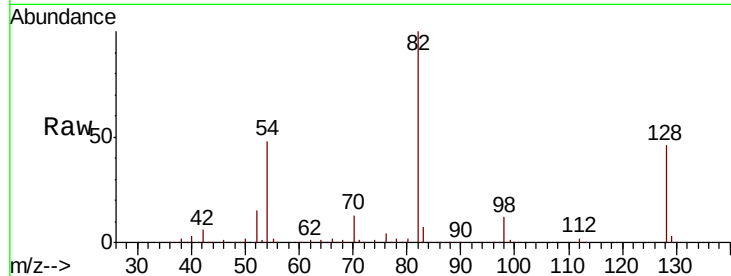




#23
 Nitrobenzene-d5
 Concen: 95.997 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

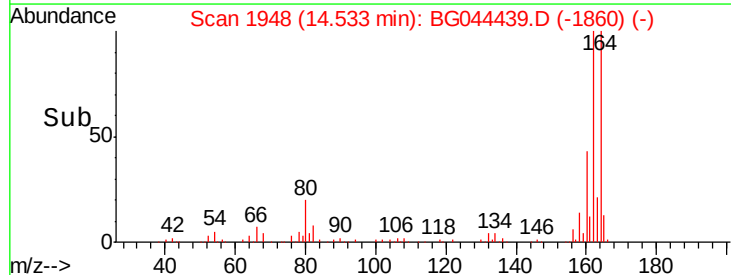
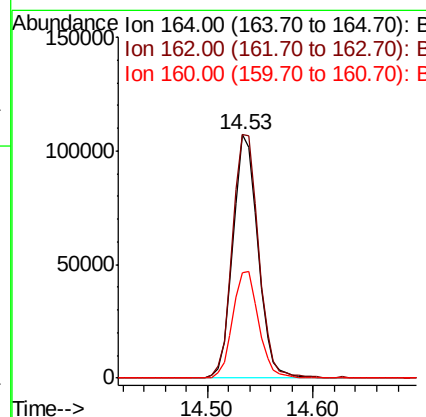
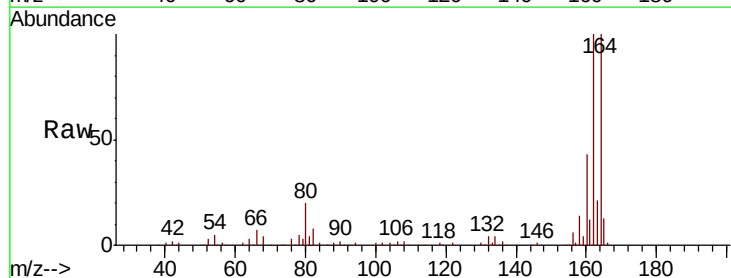
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

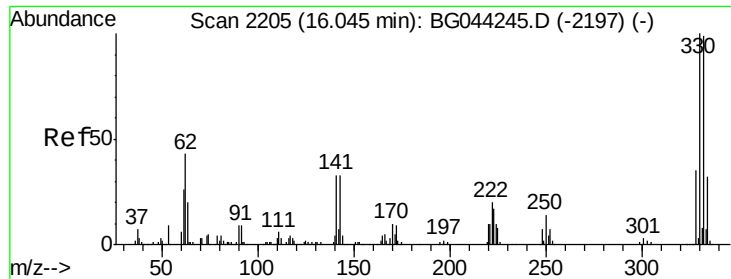
Tot Ion	82	Resp	469089
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	47.5	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Tgt Ion	164	Resp	175270
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	100.1	35.3	52.9
160	43.4		





#42

2,4,6-Tribromophenol

Concen: 148.540 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

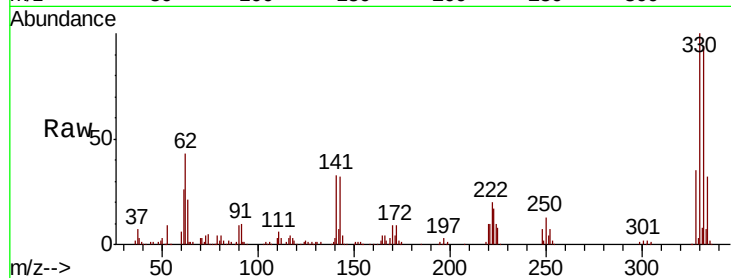
Tot Ion:330 Resp: 305631

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

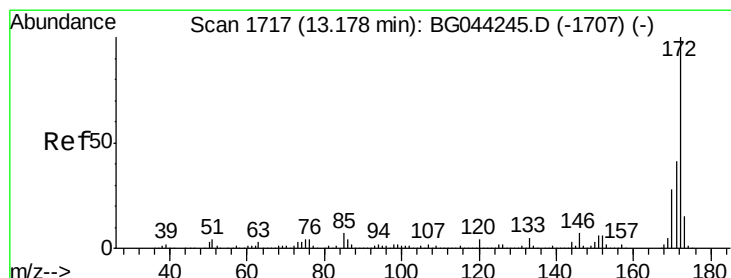
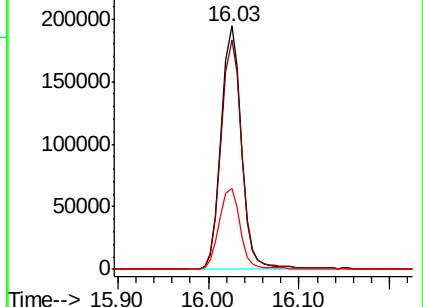
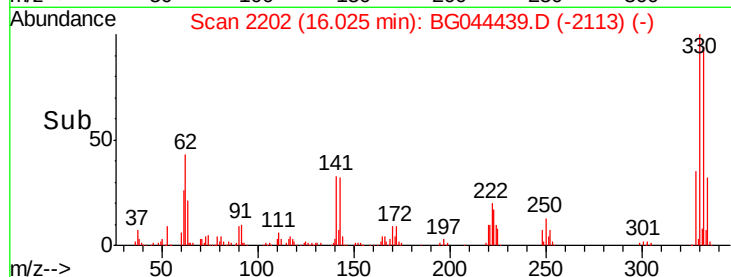
141 34.3 28.3 42.5



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: 102.406 ng

RT: 13.16 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

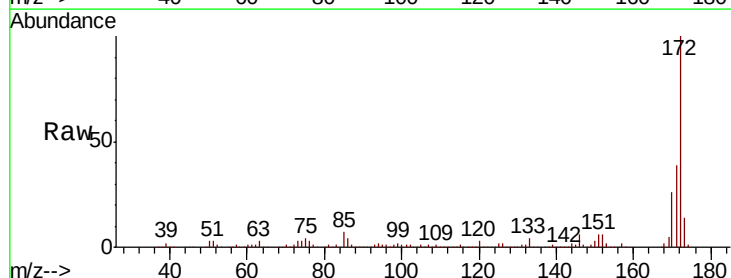
Tgt Ion:172 Resp: 1071847

Ion Ratio Lower Upper

172 100

171 38.8 32.9 49.3

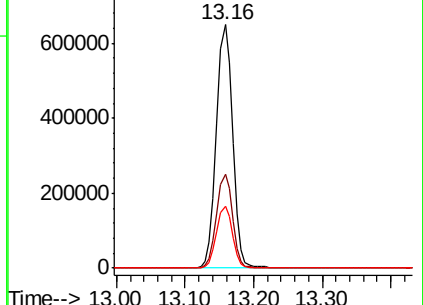
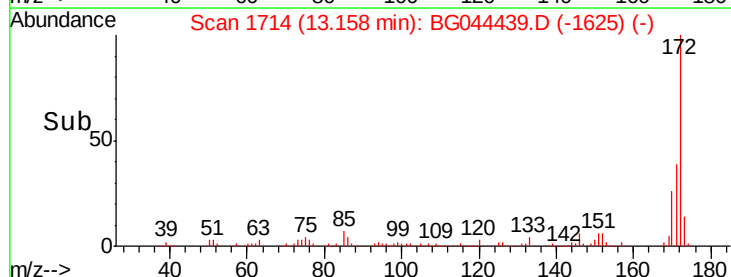
170 25.6 22.0 33.0

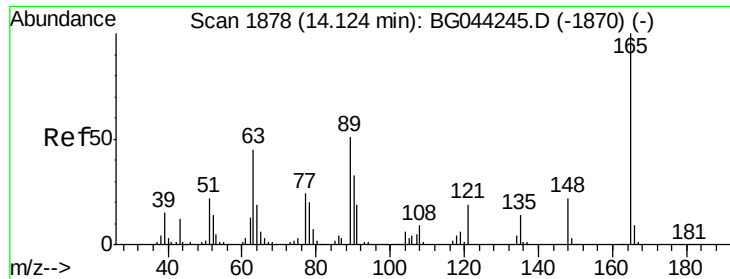


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

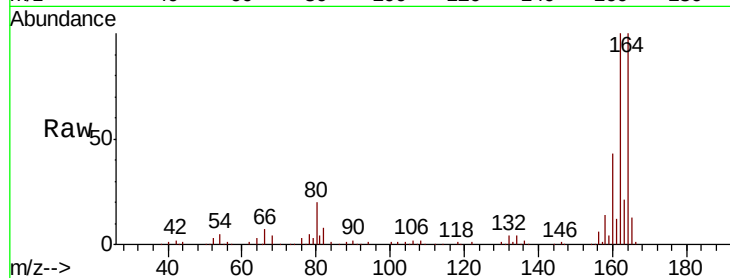




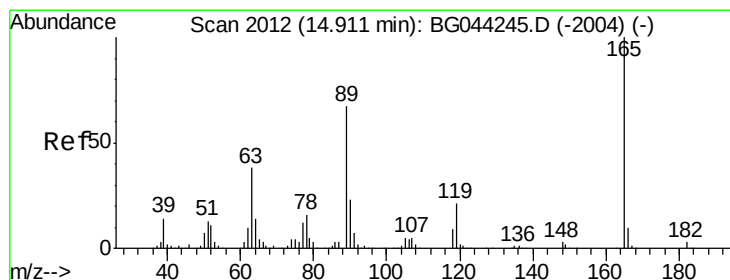
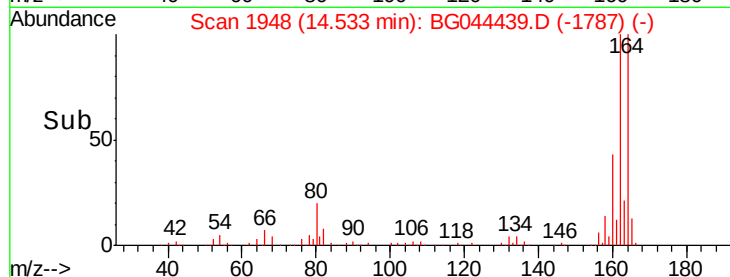
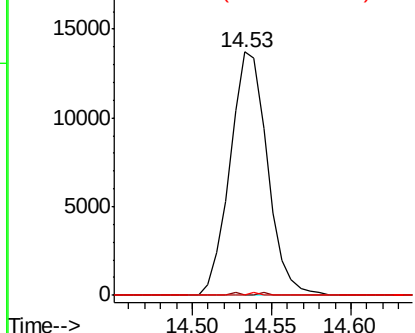
#51
 2,6-Dinitrotoluene
 Concen: 7.989 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

Tot Ion:165 Resp: 22443
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.0 40.4 60.6#

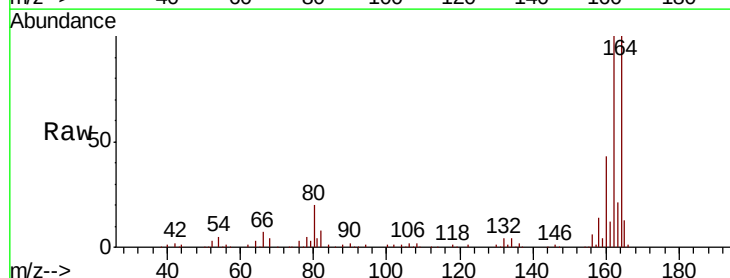


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

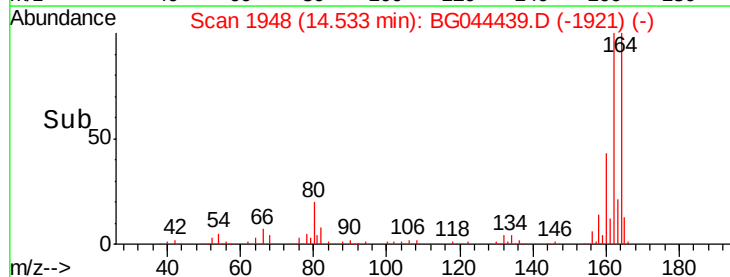
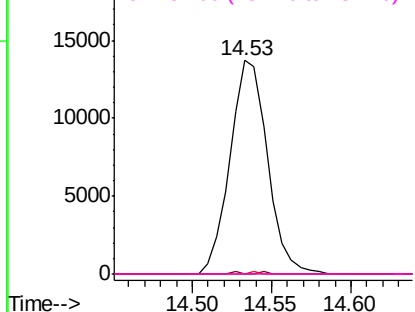


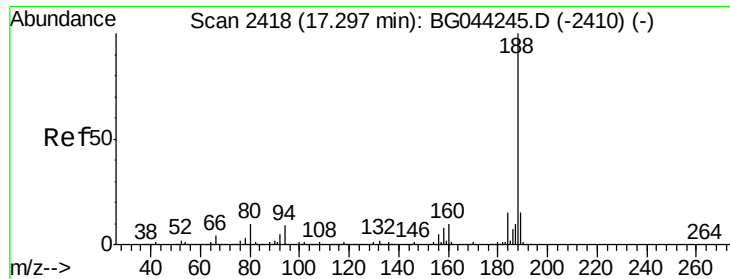
#57
 2,4-Dinitrotoluene
 Concen: 5.700 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Tgt Ion:165 Resp: 22443
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.3 45.5#
 89 0.0 53.4 80.2#
 182 0.0 2.1 3.1#



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: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

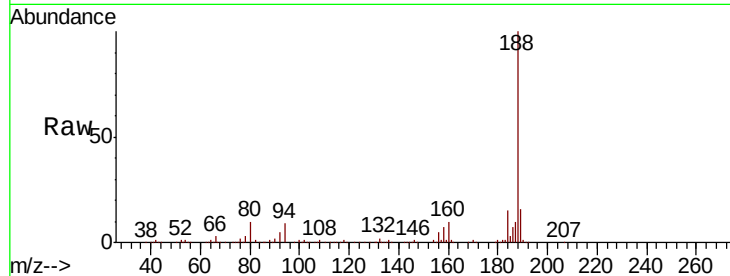
Tot Ion:188 Resp: 409955

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

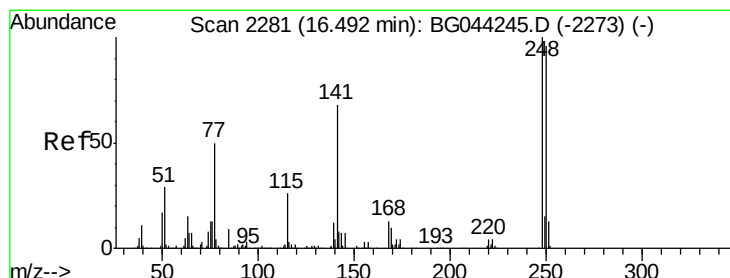
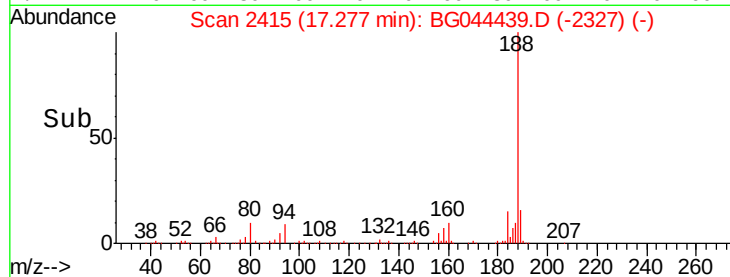
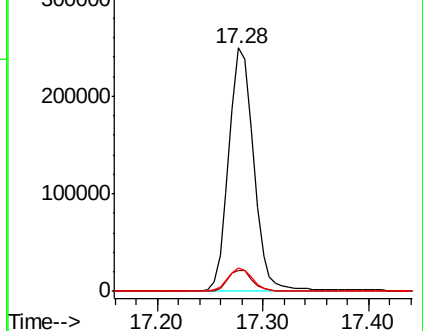
80 9.6 7.7 11.5



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: 4.632 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.45 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

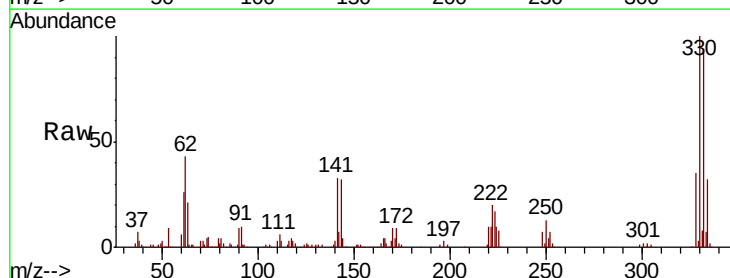
Tgt Ion:248 Resp: 20688

Ion Ratio Lower Upper

248 100

250 195.0 76.6 114.8#

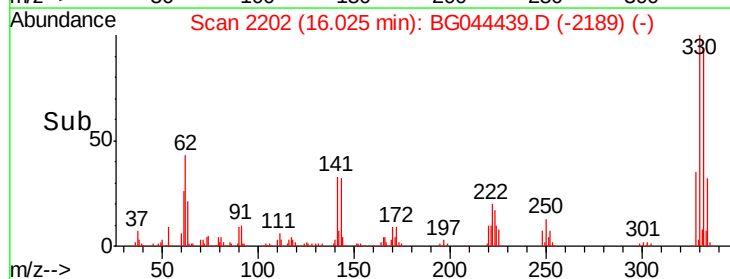
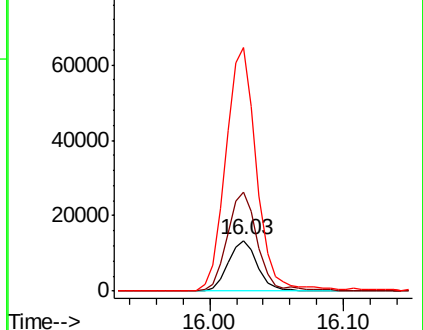
141 482.3 54.7 82.1#

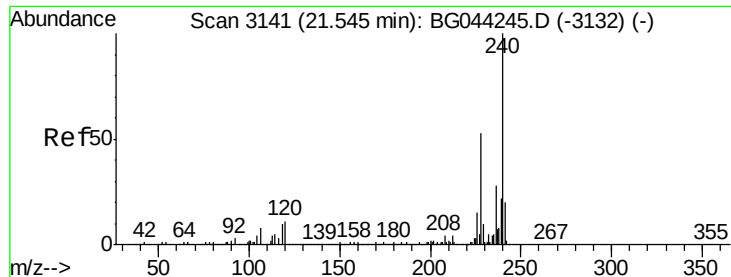


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

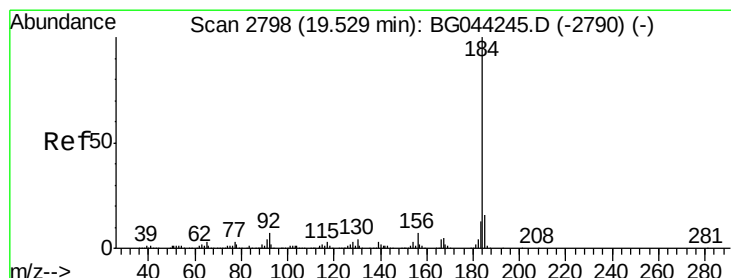
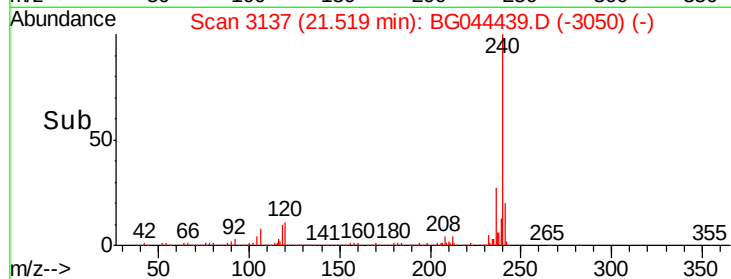
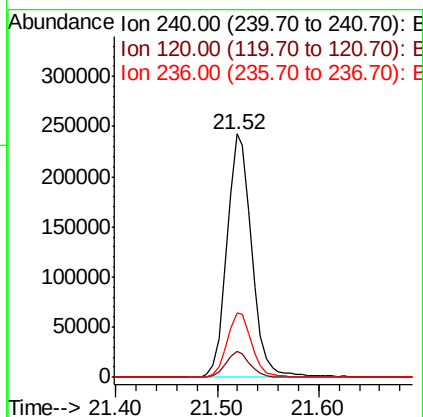
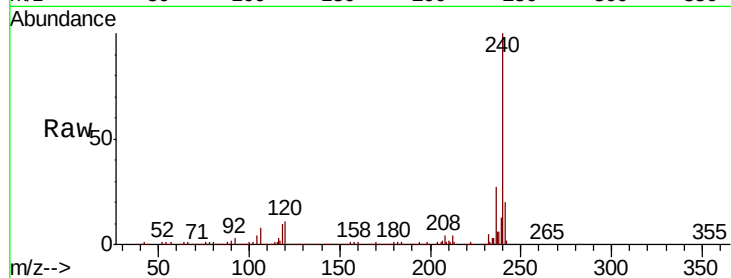




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

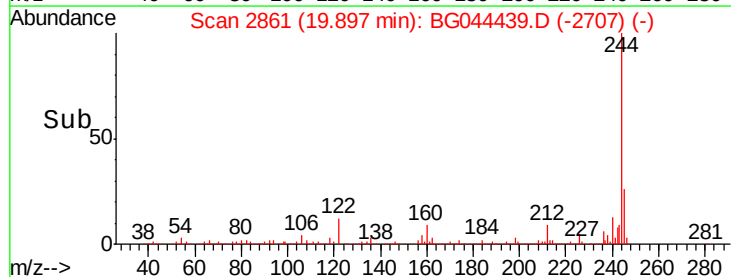
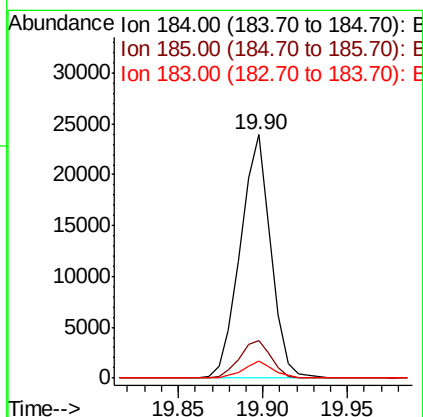
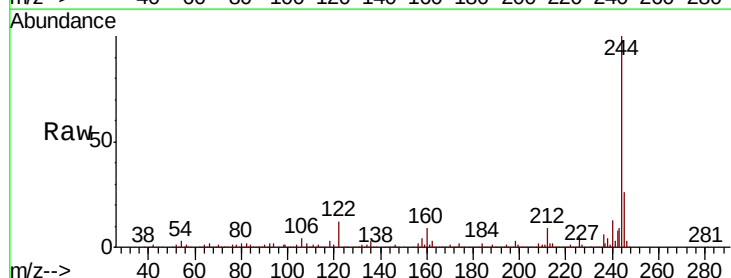
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BL

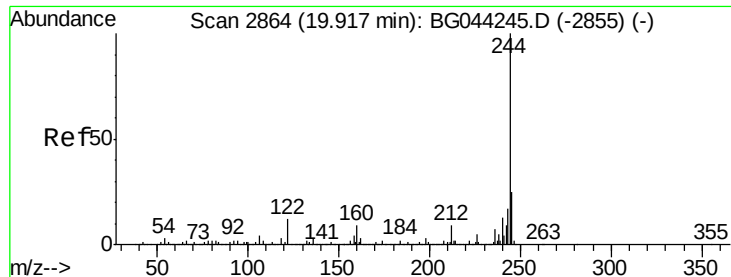
Tot Ion:240 Resp: 411582
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 26.6 22.1 33.1



#77
 Benzidine
 Concen: 2.637 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. 0.38 min
 Lab File: BG044439.D
 Acq: 14 Feb 2020 15:20

Tgt Ion:184 Resp: 30110
 Ion Ratio Lower Upper
 184 100
 185 15.7 12.9 19.3
 183 7.2 10.8 16.2#





#79

Terphenyl-d14

Concen: 92.236 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB126818BL

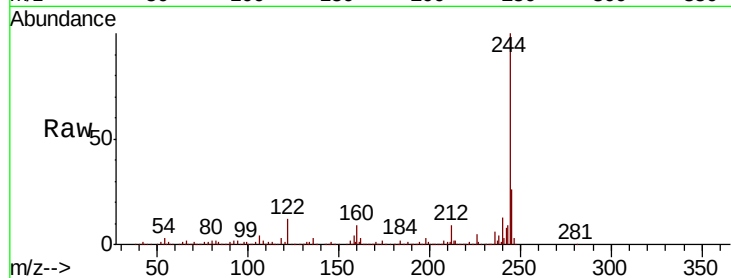
Tot Ion:244 Resp: 1845654

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

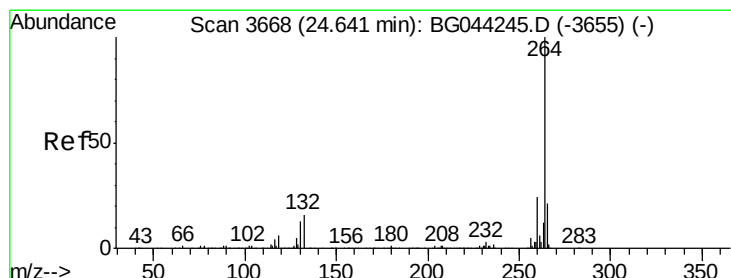
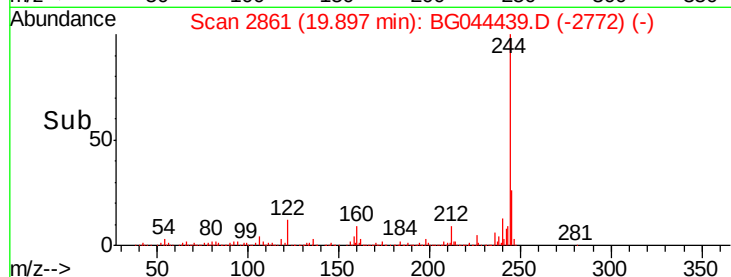
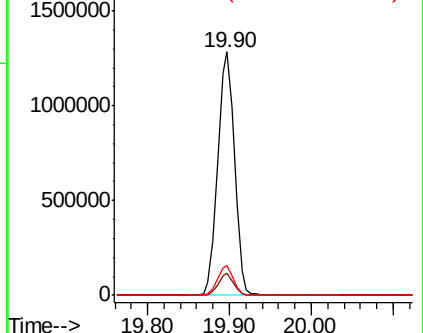
122 12.1 9.8 14.6



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: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044439.D

Acq: 14 Feb 2020 15:20

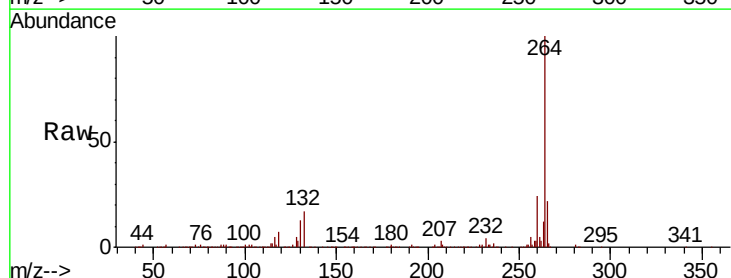
Tgt Ion:264 Resp: 420393

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.3 16.7 25.1



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

