

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044422.D
 Acq On : 13 Feb 2020 18:00
 Operator : CG/JU
 Sample : PB126789BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:55:32 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

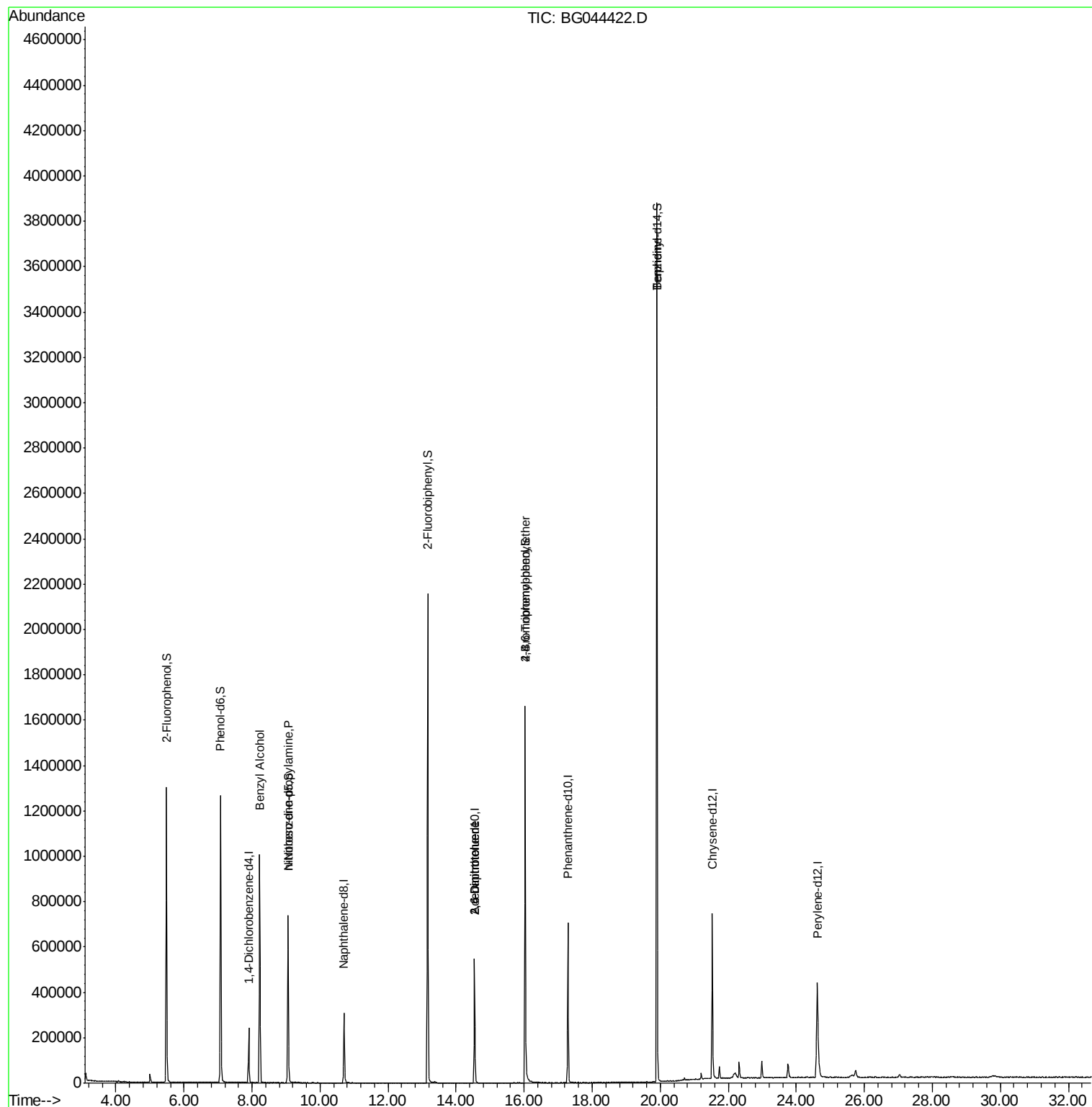
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	71505	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	305554	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	208958	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	475076	20.00	ng	0.00
76) Chrysene-d12	21.53	240	451146	20.00	ng	0.00
87) Perylene-d12	24.62	264	462353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	635619	156.88	ng	0.00
7) Phenol-d6	7.08	99	836481	153.74	ng	0.00
23) Nitrobenzene-d5	9.06	82	491349	90.79	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	341483	139.21	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1189827	95.35	ng	0.00
79) Terphenyl-d14	19.90	244	1887873	86.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.22	79	8090	2.100	ng	# 40
19) n-Nitroso-di-n-propylamine	9.06	70	62775	17.312	ng	# 77
51) 2,6-Dinitrotoluene	14.54	165	25891	7.731	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	25891	5.516	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	23707	4.580	ng	# 1
77) Benzidine	19.90	184	31383	2.508	ng	# 90

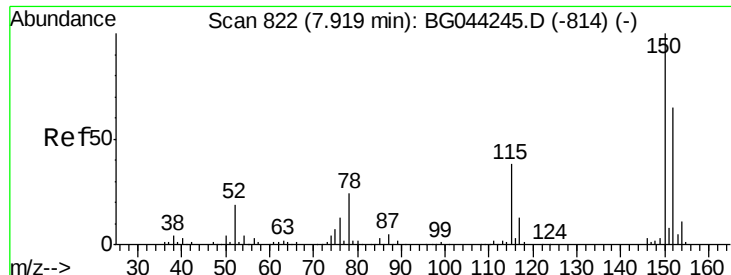
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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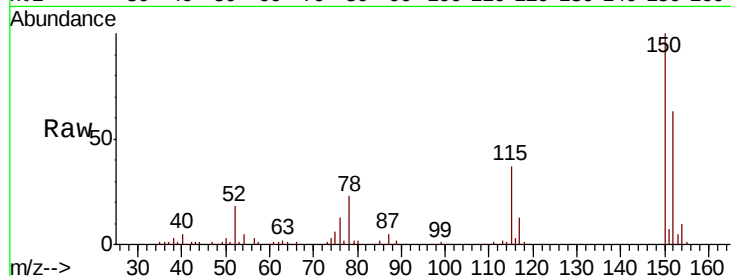


#1

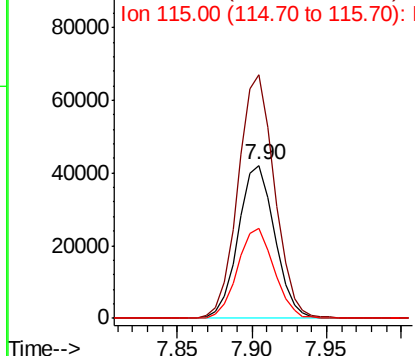
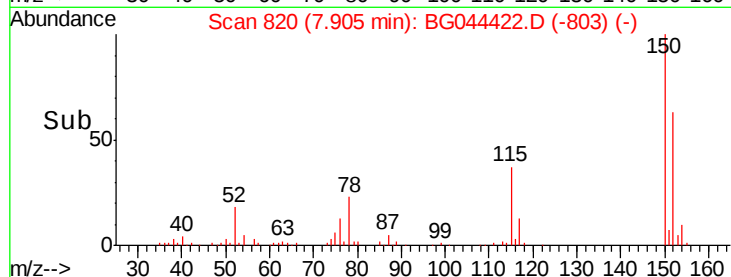
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.6	183.8
115	59.2	46.0	69.0



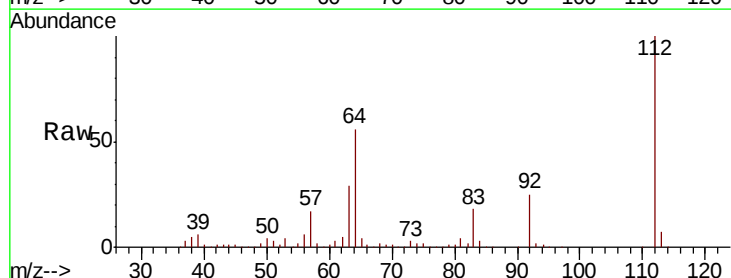
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



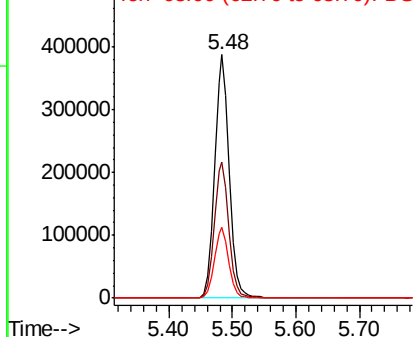
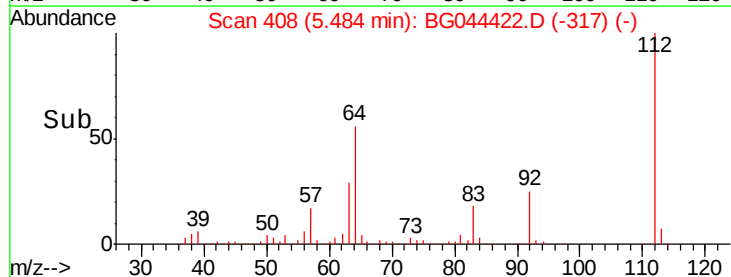
#5

2-Fluorophenol
 Concen: 156.880 ng
 RT: 5.48 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.3	22.9	34.3



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: 153.744 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044422.D

Acq: 13 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

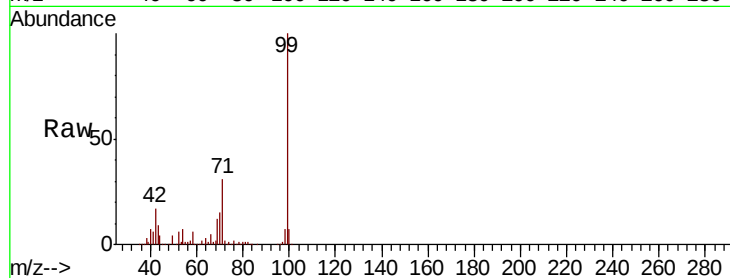
Tot Ion: 99 Resp: 836481

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

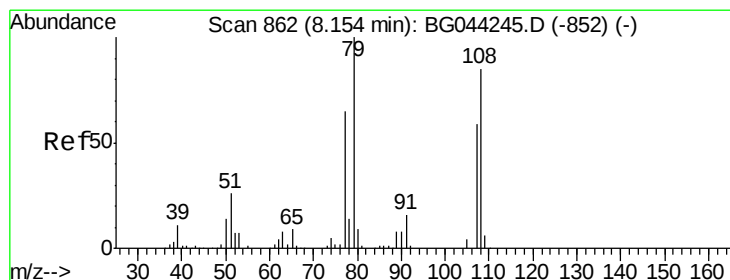
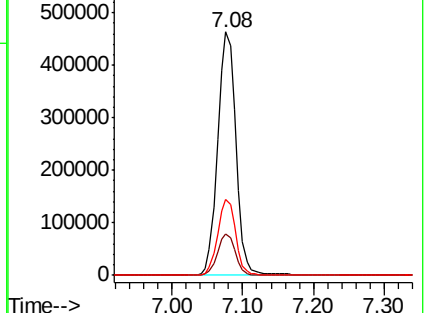
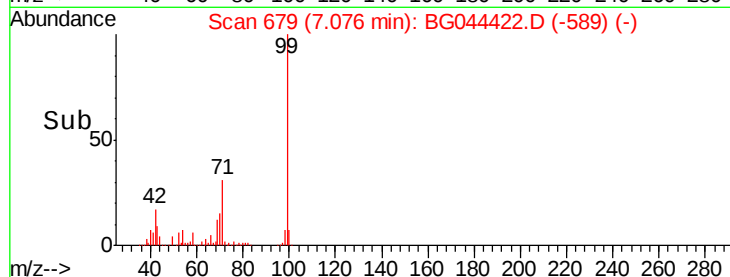
71 31.1 25.5 38.3



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: 2.100 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.08 min

Lab File: BG044422.D

Acq: 13 Feb 2020 18:00

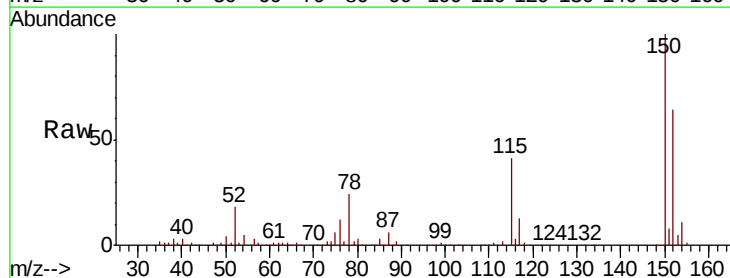
Tgt Ion: 79 Resp: 8090

Ion Ratio Lower Upper

79 100

108 28.5 68.3 102.5#

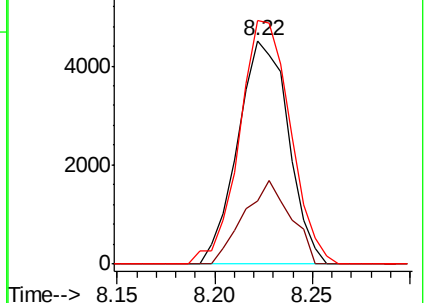
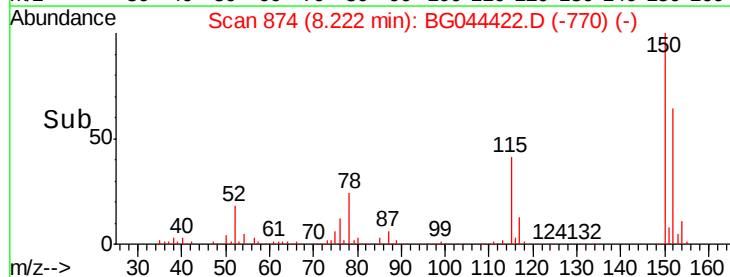
77 109.1 51.8 77.8#



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

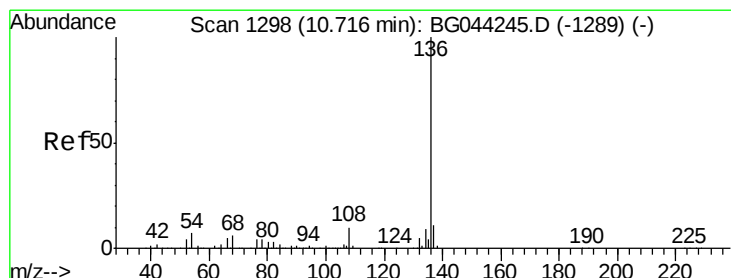
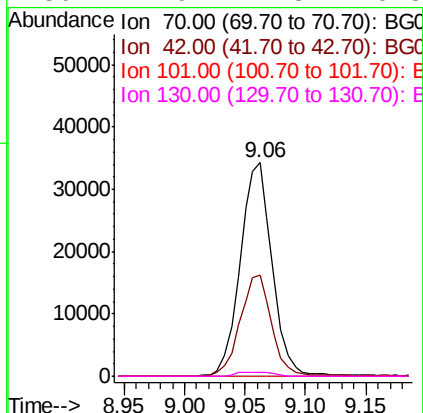
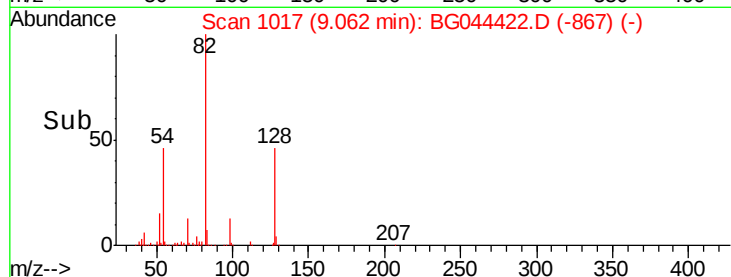
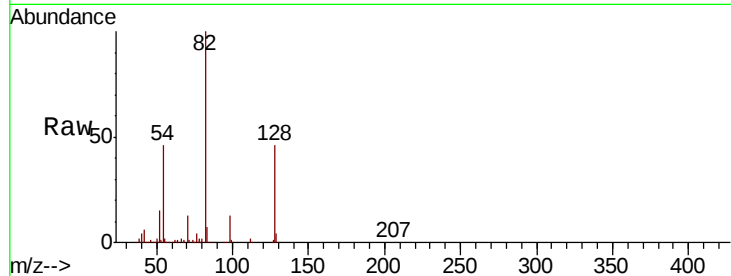




#19
n-Nitroso-di-n-propylamine
Concen: 17.312 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.35 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

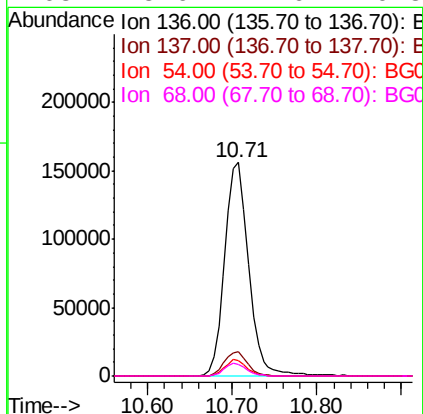
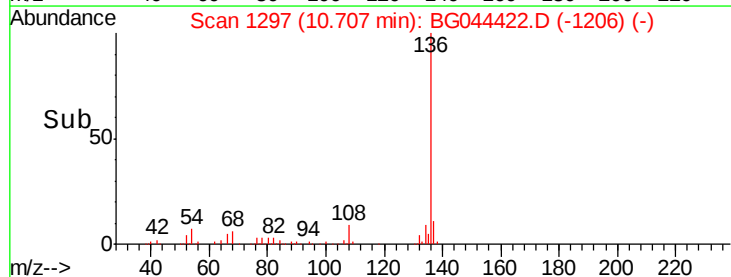
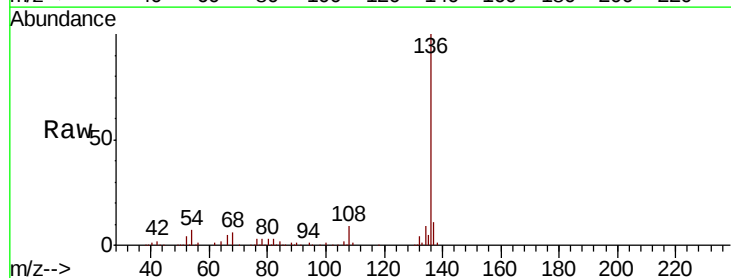
Instrument :
BNA_G
ClientSampleId :

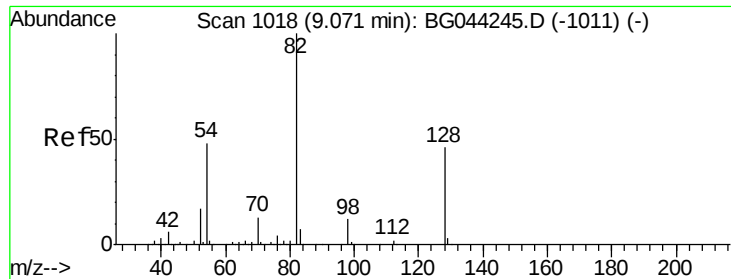
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	46.2	69.2
101	0.0	8.4	12.6#
130	1.9	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.3	5.8	8.8
68	5.6	4.6	6.8

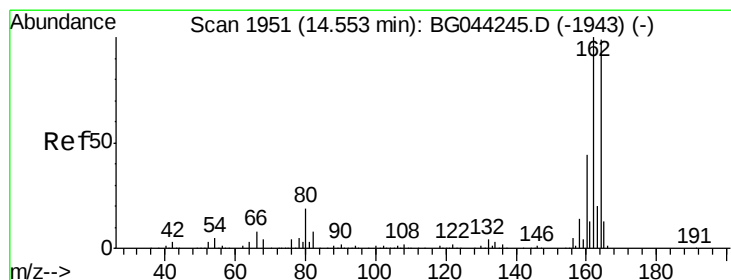
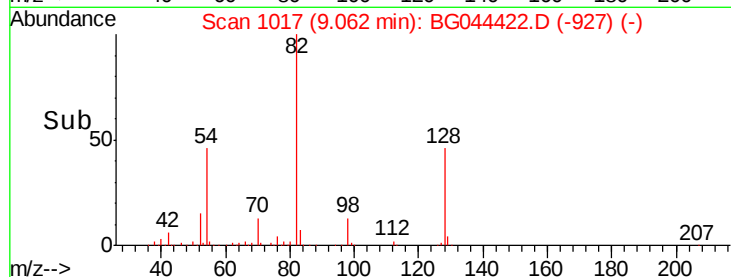
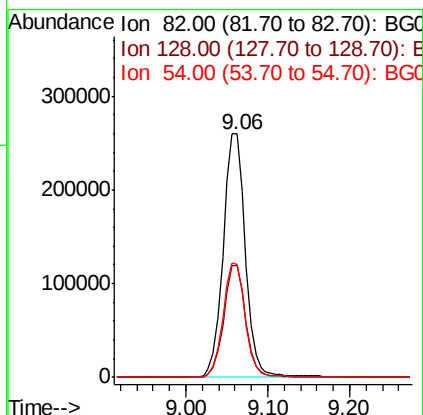
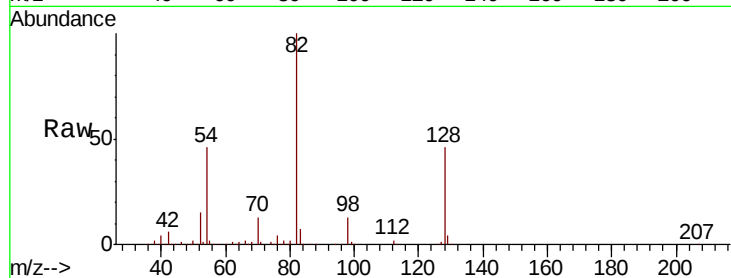




#23
Nitrobenzene-d5
Concen: 90.785 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

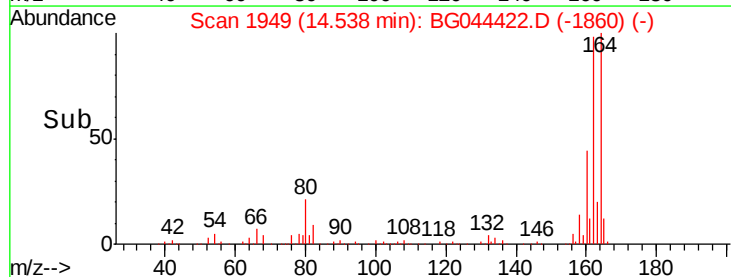
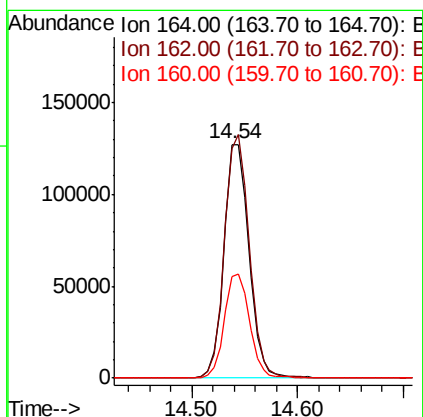
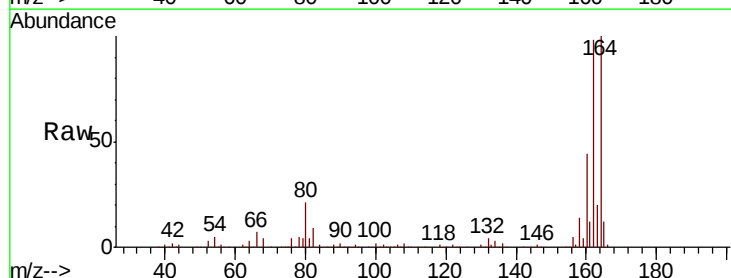
Instrument :
BNA_G
ClientSampleId :

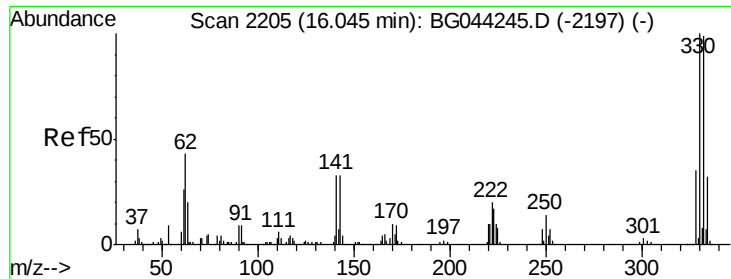
Tot Ion	82	Resp	491349
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.5	54.7
54	46.3	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

Tgt Ion	164	Resp	208958
Ion Ratio	Lower	Upper	
164	100		
162	98.0	80.7	121.1
160	43.6	35.3	52.9

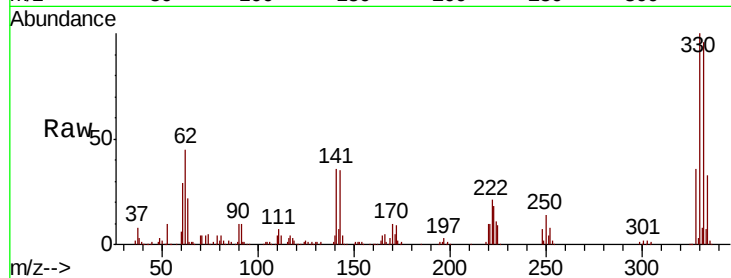




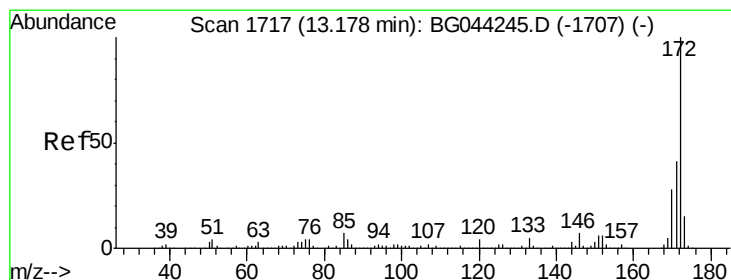
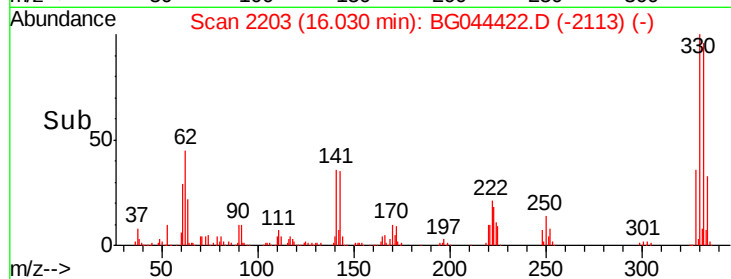
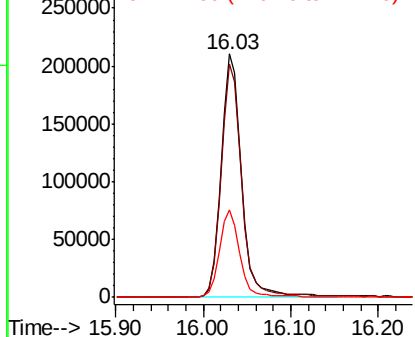
#42
 2,4,6-Tribromophenol
 Concen: 139.208 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 341483
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.2 115.8
 141 36.1 28.3 42.5

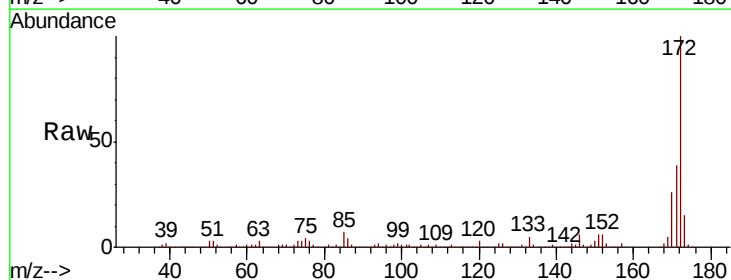


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

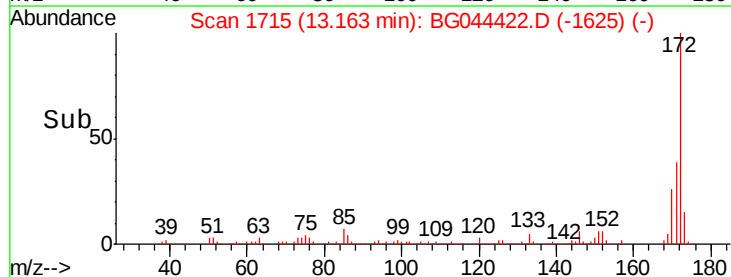
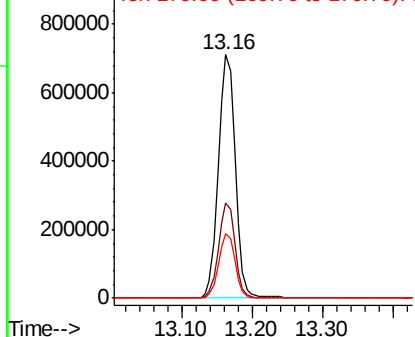


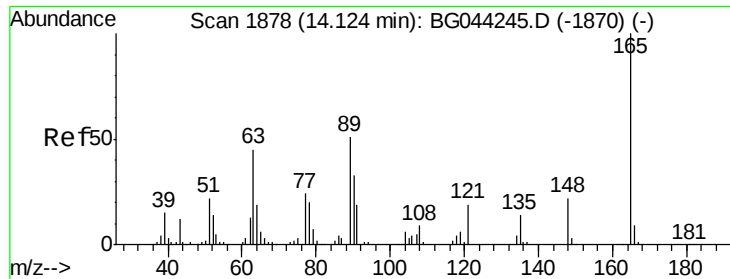
#45
 2-Fluorobiphenyl
 Concen: 95.351 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Tgt Ion:172 Resp: 1189827
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.9 49.3
 170 26.4 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

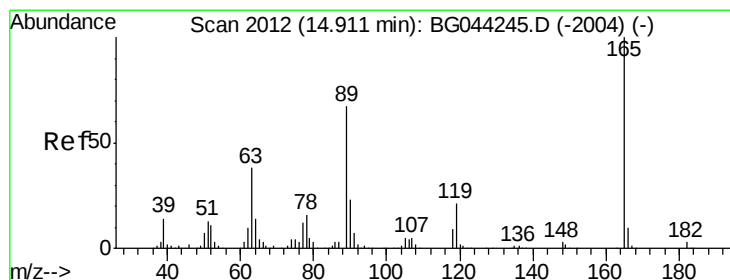
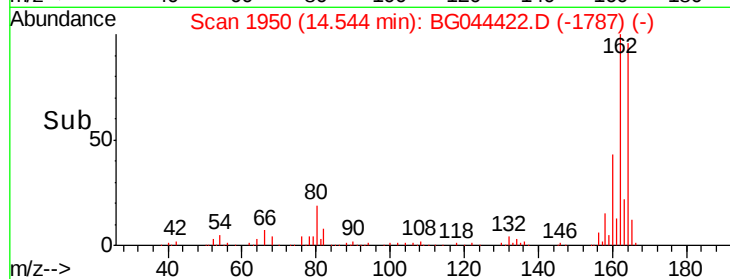
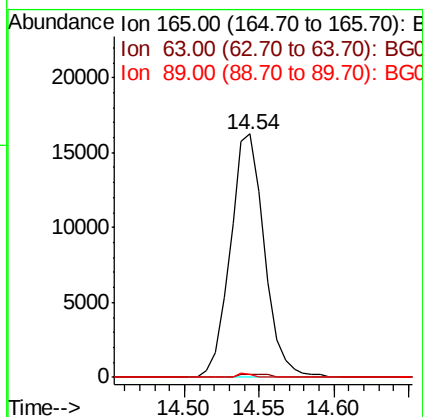
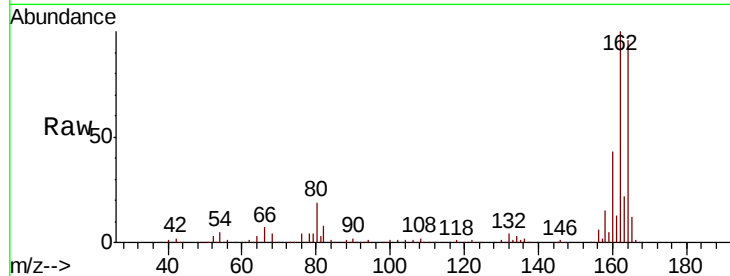




#51
 2,6-Dinitrotoluene
 Concen: 7.731 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.43 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

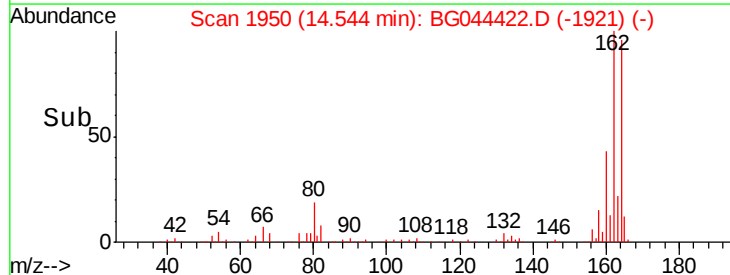
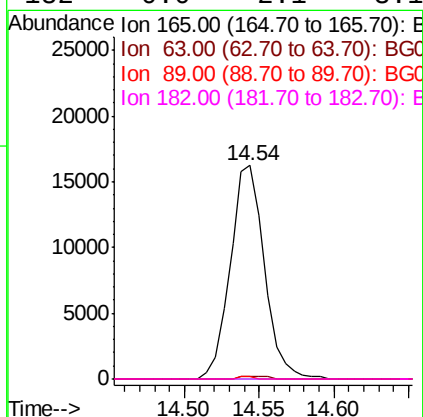
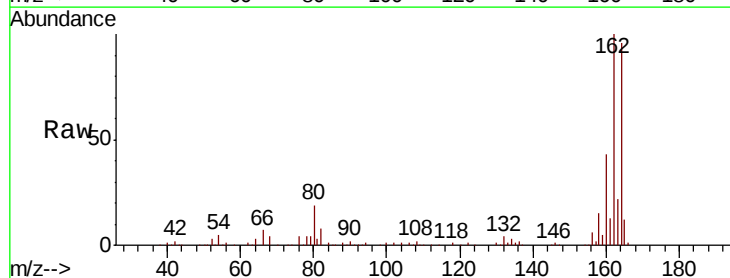
Instrument :
 BNA_G
 ClientSampleId :

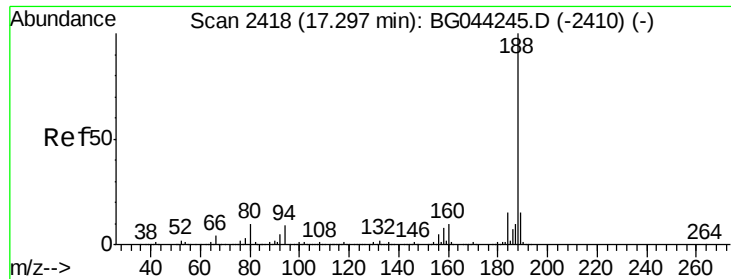
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.516 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.3	45.5#
89	1.0	53.4	80.2#
182	0.0	2.1	3.1#

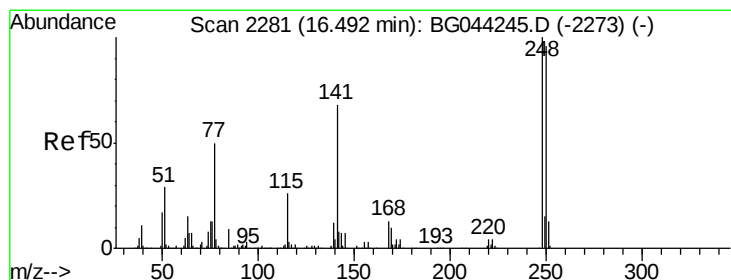
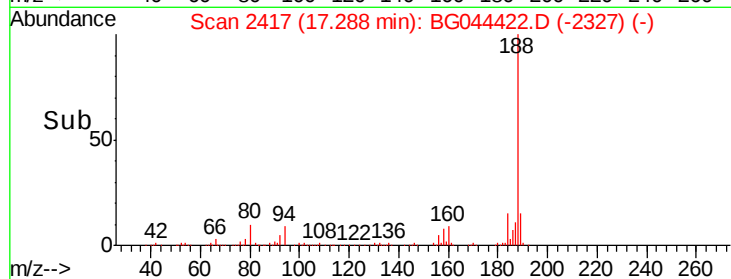
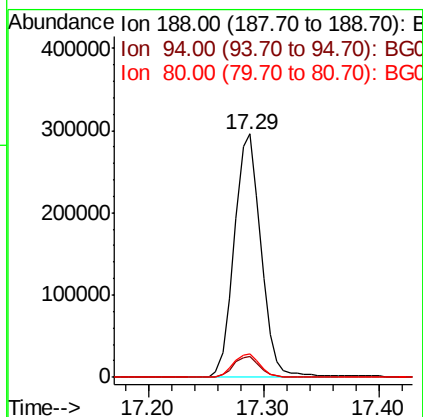
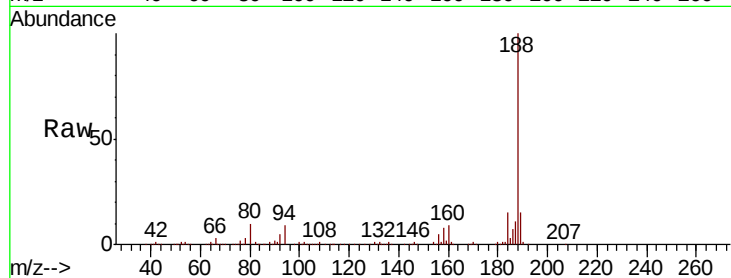




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

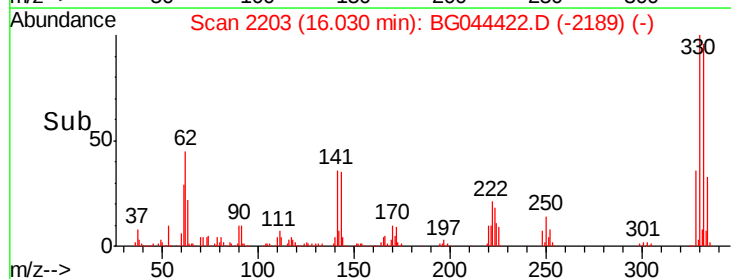
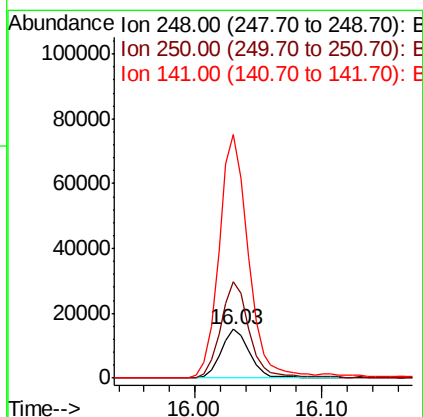
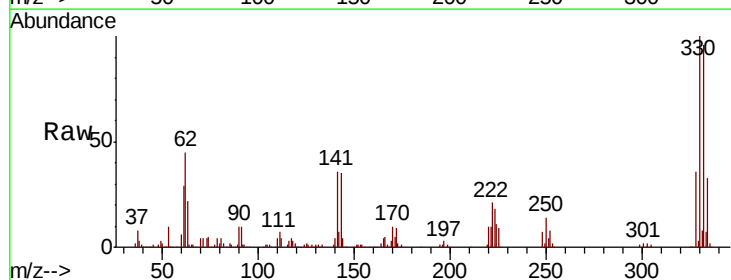
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 475076
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.4 11.2
 80 9.8 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.580 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.45 min
 Lab File: BG044422.D
 Acq: 13 Feb 2020 18:00

Tgt Ion:248 Resp: 23707
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.6 114.8#
 141 501.9 54.7 82.1#

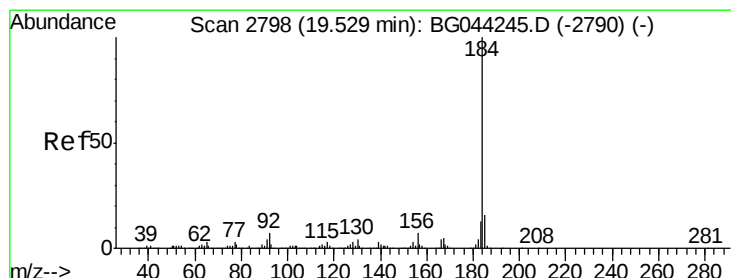
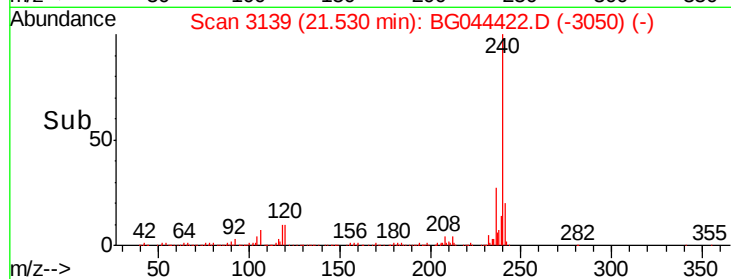
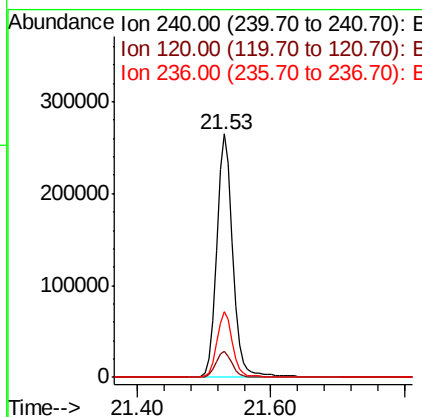
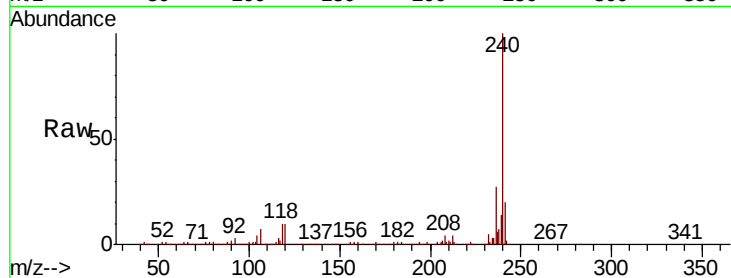




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

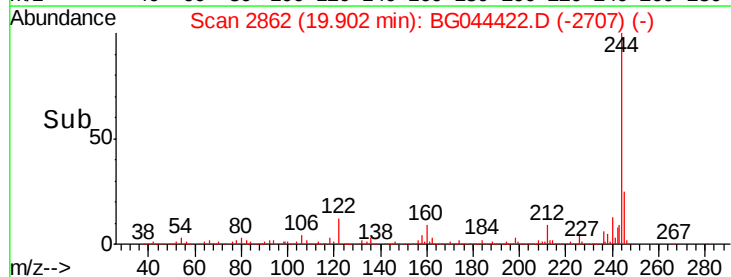
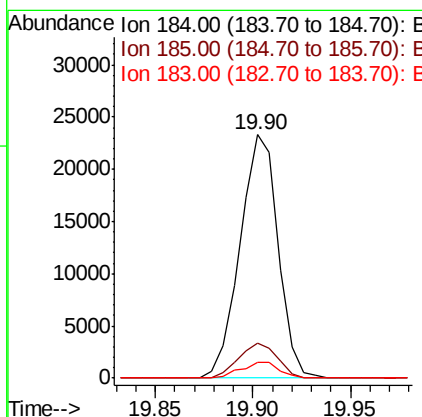
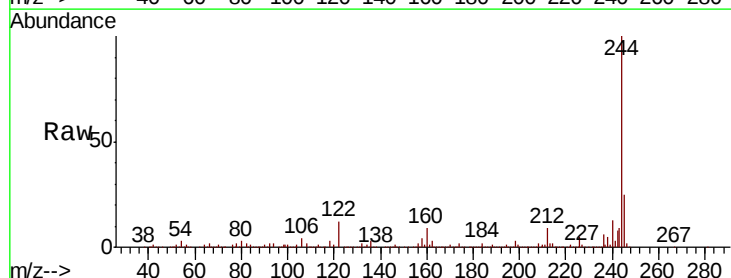
Instrument :
BNA_G
ClientSampleId :

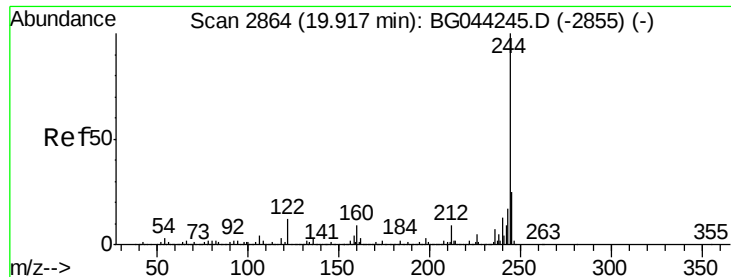
Tot Ion:240 Resp: 451146
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.9 22.1 33.1



#77
Benzidine
Concen: 2.508 ng
RT: 19.90 min Scan# 2862
Delta R.T. 0.38 min
Lab File: BG044422.D
Acq: 13 Feb 2020 18:00

Tgt Ion:184 Resp: 31383
Ion Ratio Lower Upper
184 100
185 14.3 12.9 19.3
183 6.7 10.8 16.2#





#79

Terphenyl-d14

Concen: 86.072 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044422.D

Acq: 13 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

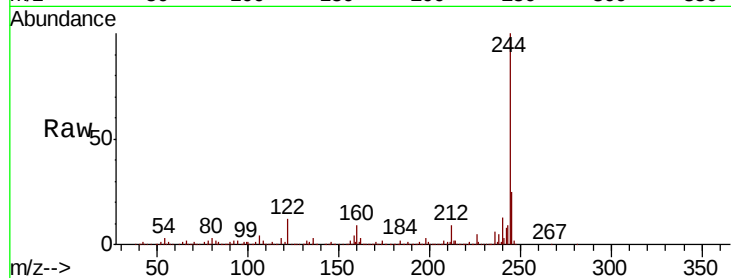
Tot Ion:244 Resp: 1887873

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

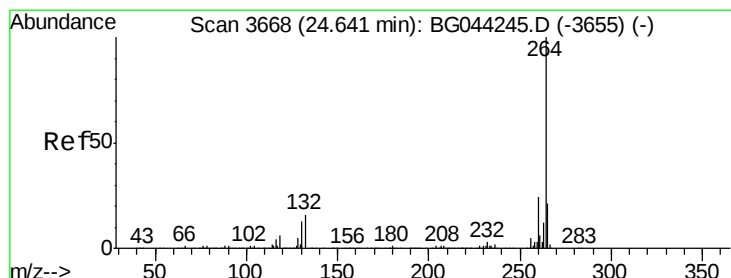
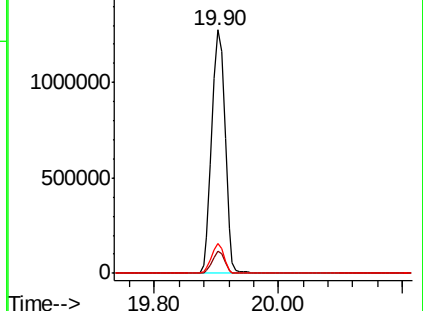
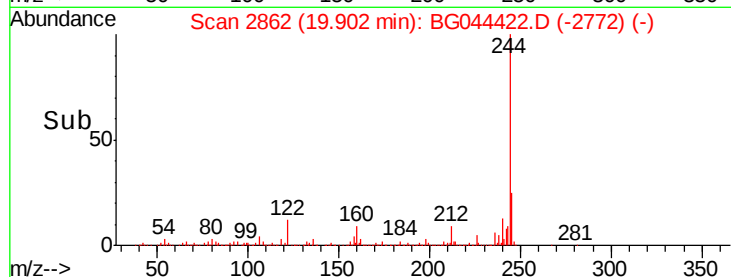
122 12.4 9.8 14.6



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: 24.62 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BG044422.D

Acq: 13 Feb 2020 18:00

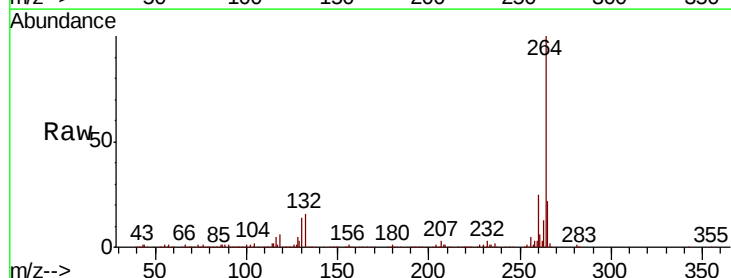
Tgt Ion:264 Resp: 462353

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 22.1 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

