

Data File : BG044145.D
Acq On : 21 Jan 2020 22:34
Operator : JU
Sample : L1166-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

Quant Time: Jan 22 06:50:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

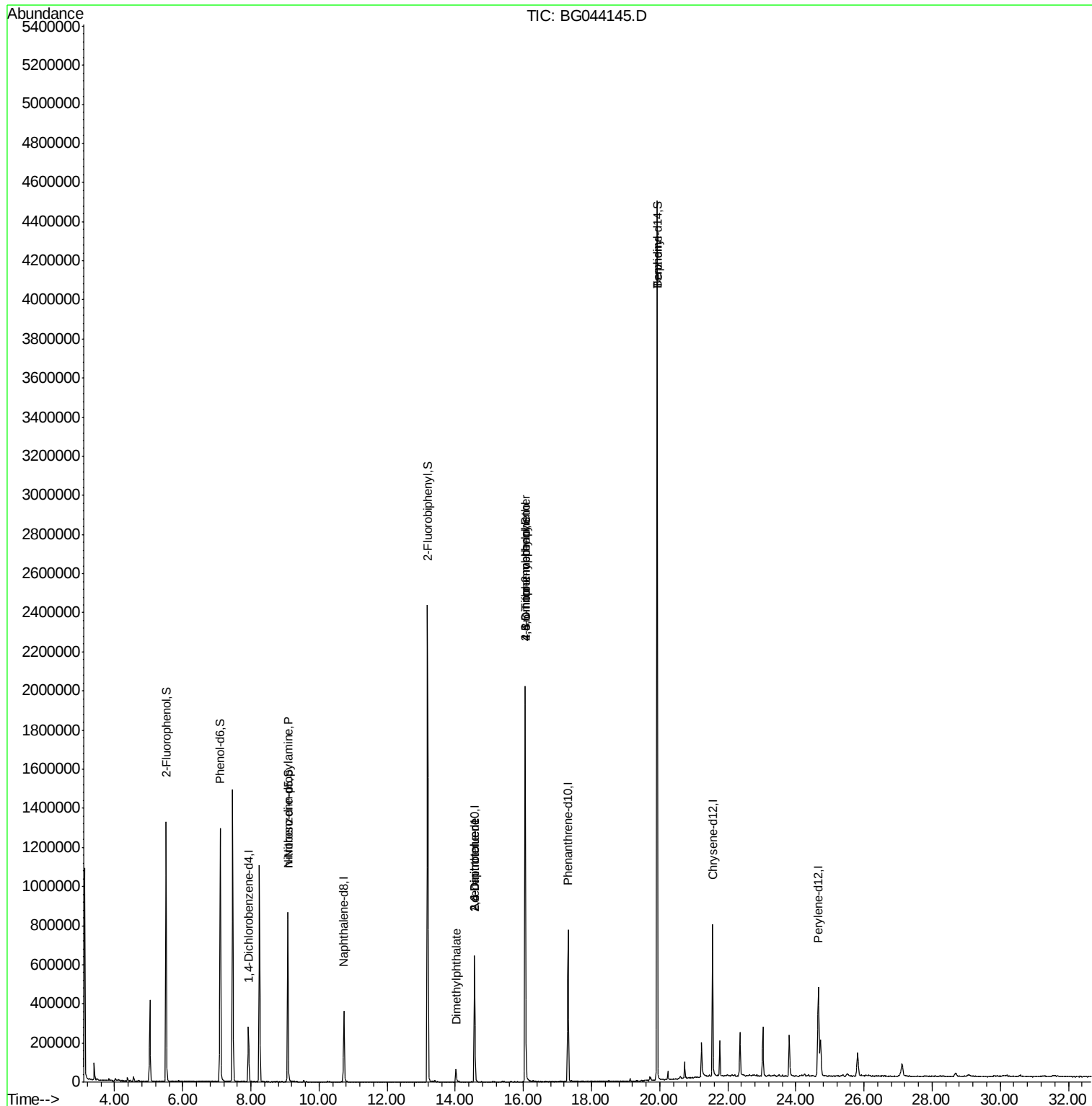
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81066	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	343102	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	242309	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	515520	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	444371	20.00	ng	-0.04
87) Perylene-d12	24.66	264	483830	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	634524	143.72	ng	-0.03
7) Phenol-d6	7.10	99	840741	136.23	ng	-0.02
23) Nitrobenzene-d5	9.09	82	566535	88.33	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	407778	160.81	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1310842	98.01	ng	-0.04
79) Terphenyl-d14	19.93	244	2015625	121.68	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.09	70	73295	15.948	ng	# 78
50) Dimethylphthalate	14.02	163	57047	3.316	ng	# 99
51) 2,6-Dinitrotoluene	14.57	165	31819	8.182	ng	# 26
57) 2,4-Dinitrotoluene	14.57	165	31817	6.013	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1316	4.840	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	29963	5.168	ng	# 1
77) Benzidine	19.93	184	36775	3.292	ng	# 93

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

Data File : BG044145.D
Acq On : 21 Jan 2020 22:34
Operator : JU
Sample : L1166-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

Quant Time: Jan 22 06:50:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



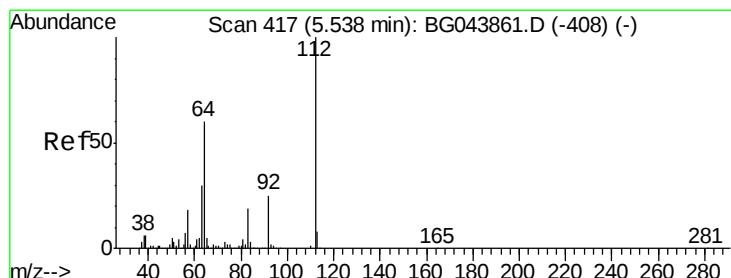
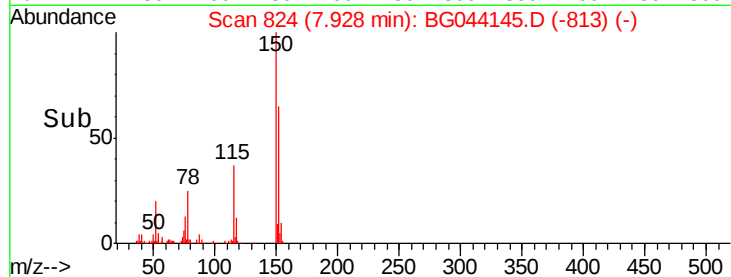
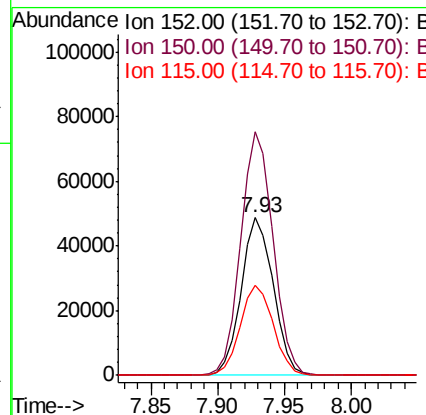
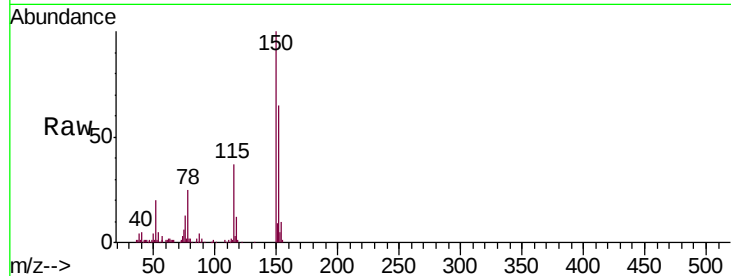


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

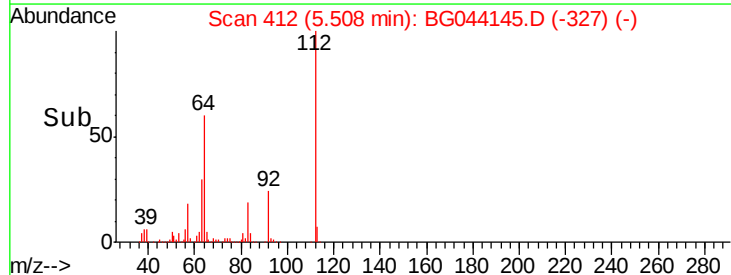
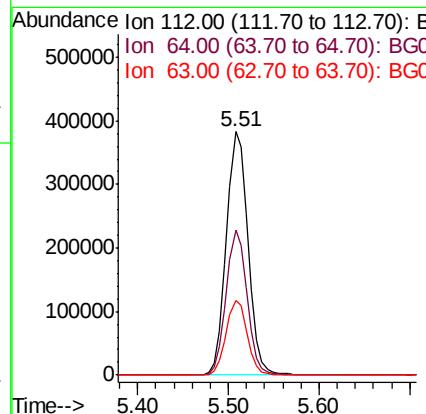
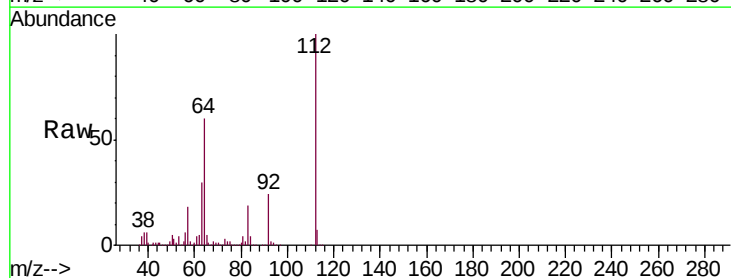
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.0	190.4
115	57.1	47.8	71.8

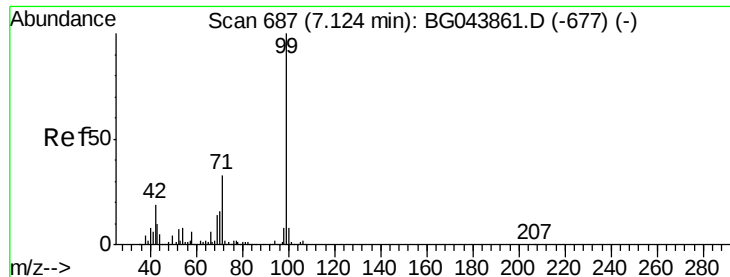


#5

2-Fluorophenol
Concen: 143.718 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.8	71.6
63	30.5	24.3	36.5





#7

Phenol-d6

Concen: 136.230 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

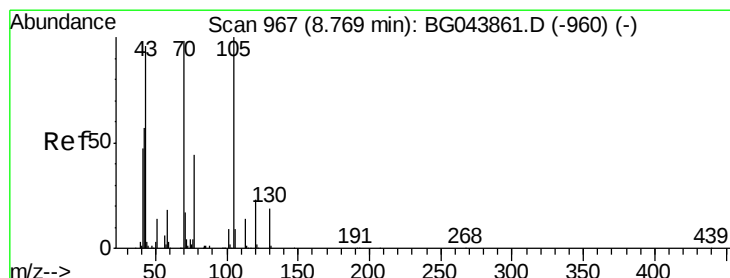
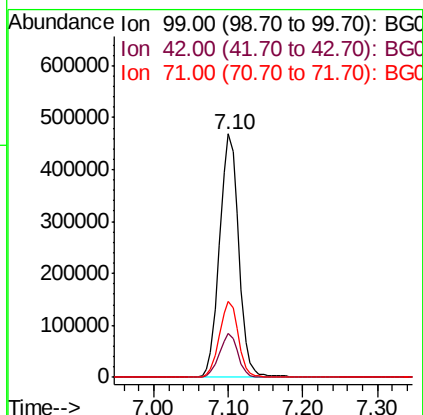
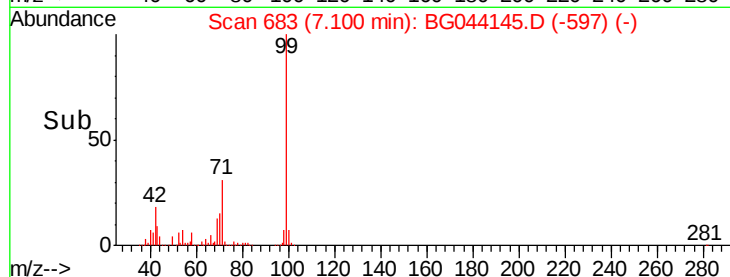
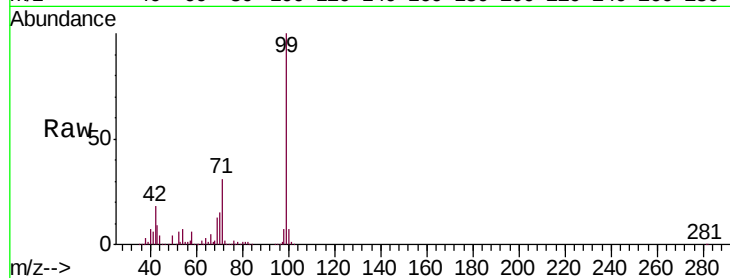
Tgt Ion: 99 Resp: 840741

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

71 31.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.948 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.32 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Tgt Ion: 70 Resp: 73295

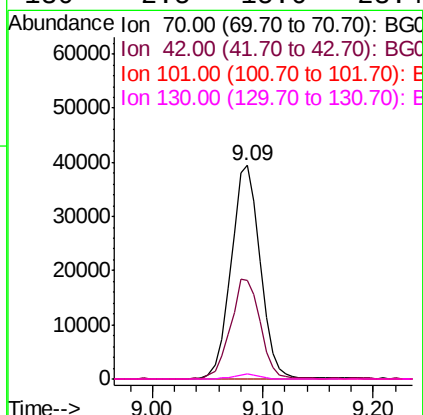
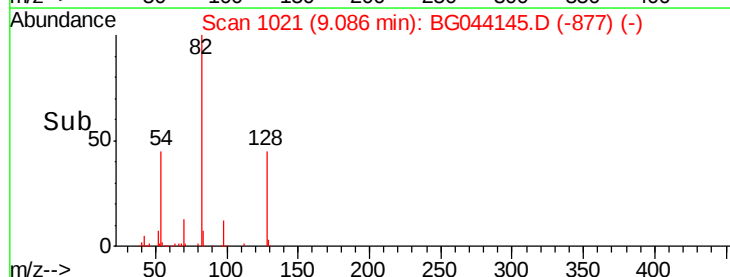
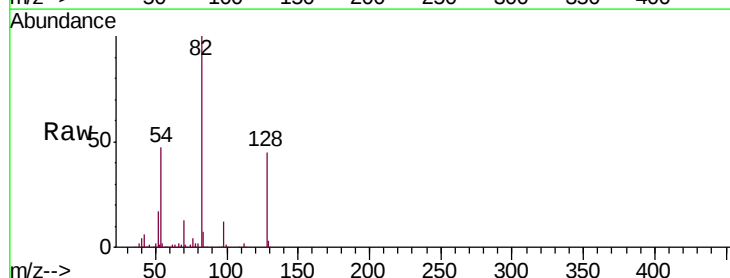
Ion Ratio Lower Upper

70 100

42 46.2 47.0 70.4#

101 0.0 7.2 10.8#

130 2.5 15.6 23.4#

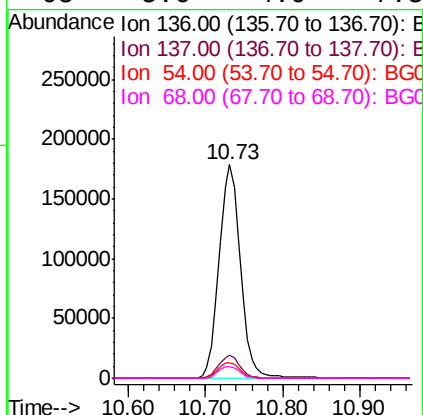
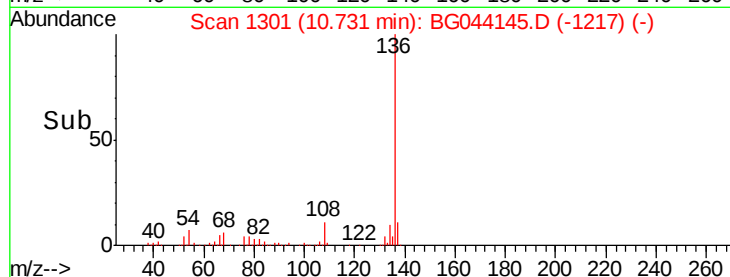
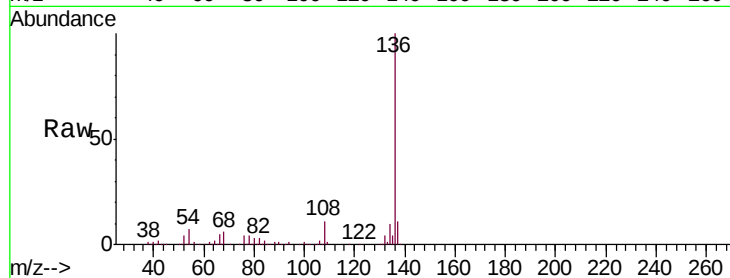




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

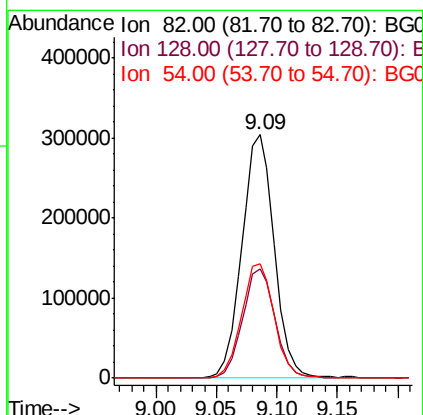
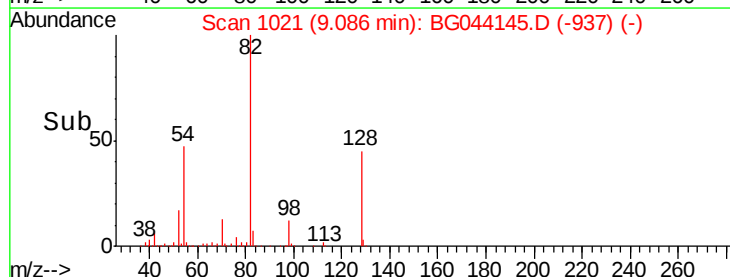
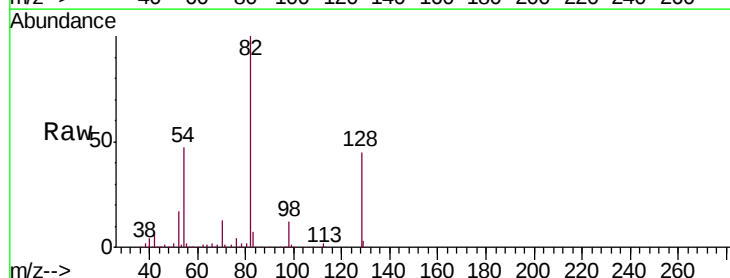
Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

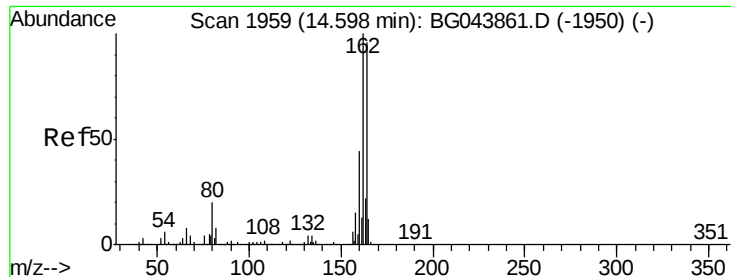
Tgt Ion:	136	Resp:	343102
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	7.0	10.4
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.333 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Tgt Ion:	82	Resp:	566535
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	47.0	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

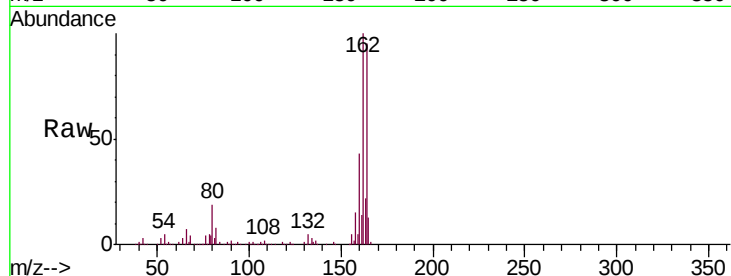
Tgt Ion:164 Resp: 242309

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

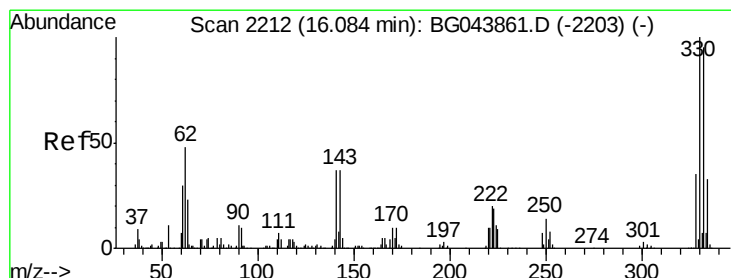
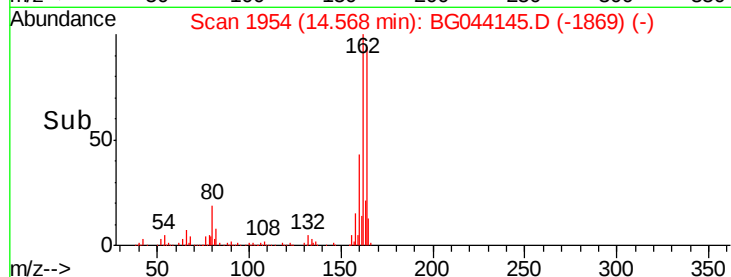
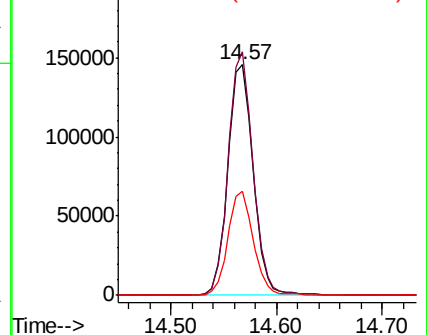
160 45.2 36.1 54.1



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



#42

2,4,6-Tribromophenol

Concen: 160.814 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

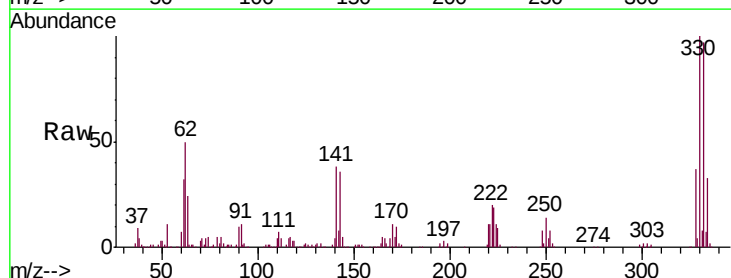
Tgt Ion:330 Resp: 407778

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

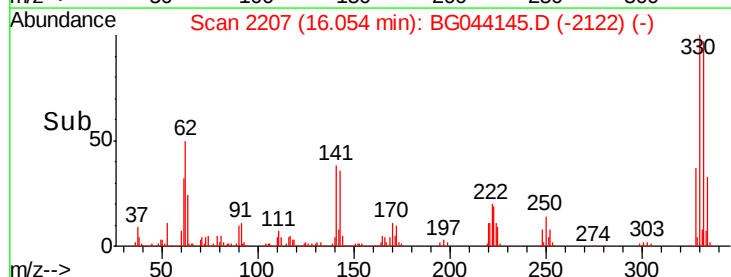
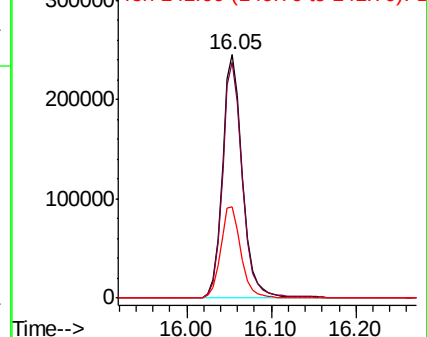
141 38.8 33.1 49.7



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

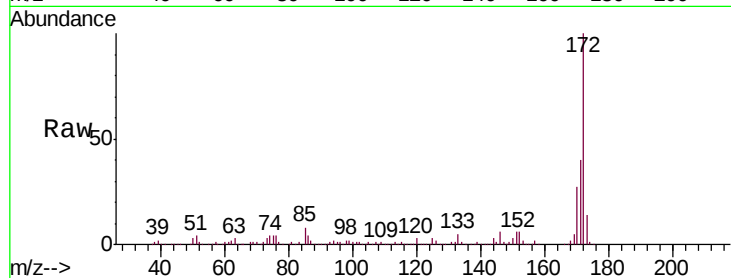




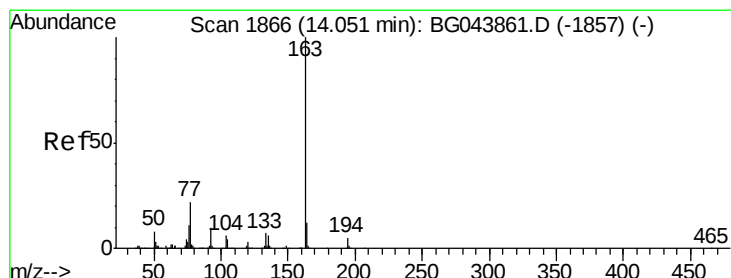
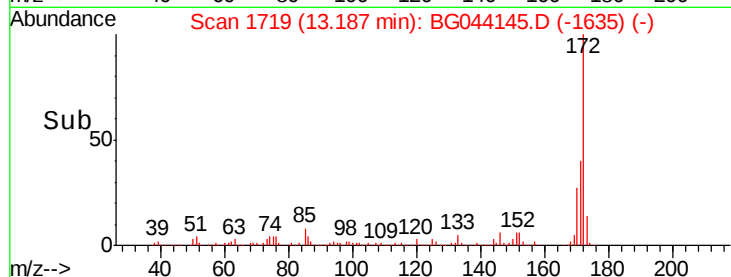
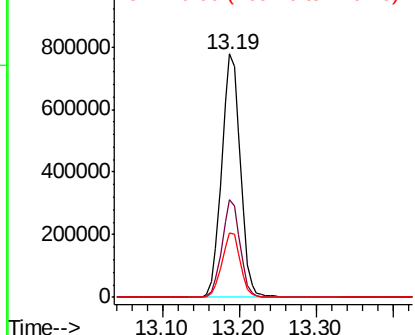
#45
 2-Fluorobiphenyl
 Concen: 98.013 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :
 QVD-WC-S-SB-0203

Tgt Ion:172 Resp: 1310842
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 26.6 24.2 36.4

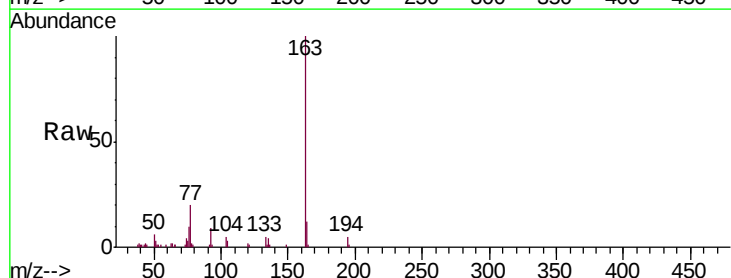


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

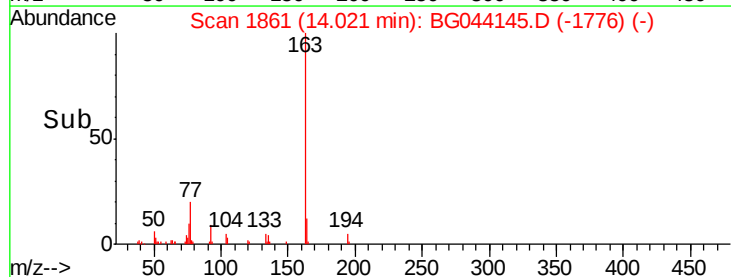
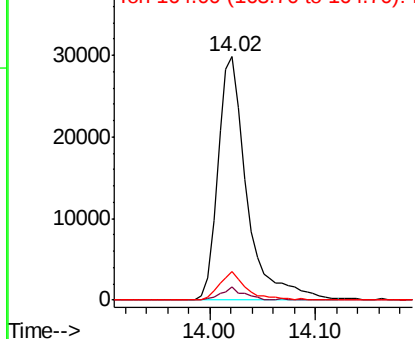


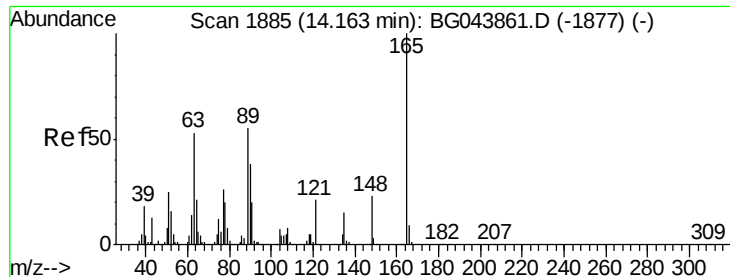
#50
 Dimethylphthalate
 Concen: 3.316 ng
 RT: 14.02 min Scan# 1861
 Delta R.T. -0.03 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

Tgt Ion:163 Resp: 57047
 Ion Ratio Lower Upper
 163 100
 194 5.5 3.7 5.5
 164 11.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

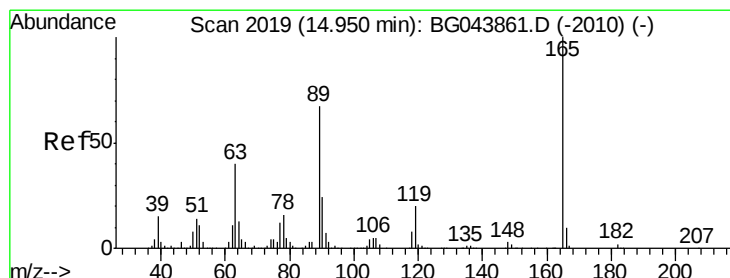
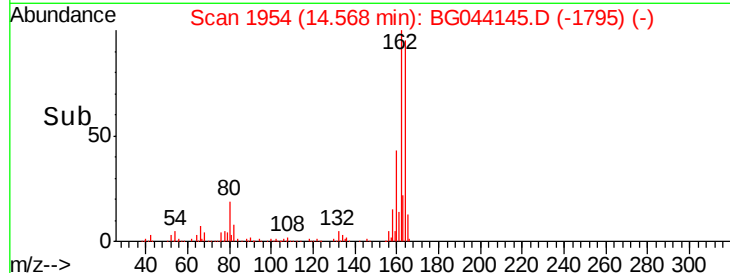
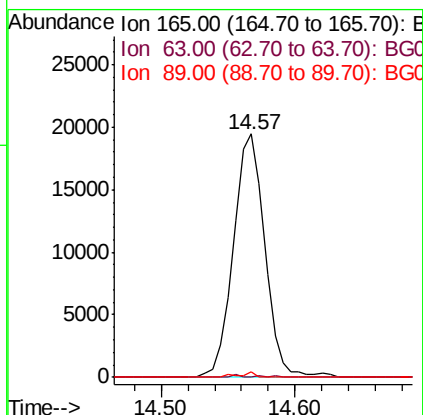
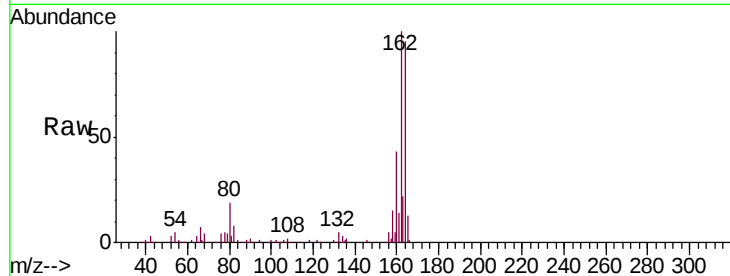




#51
 2,6-Dinitrotoluene
 Concen: 8.182 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.40 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

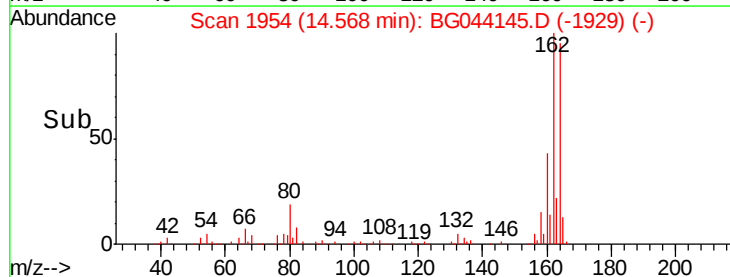
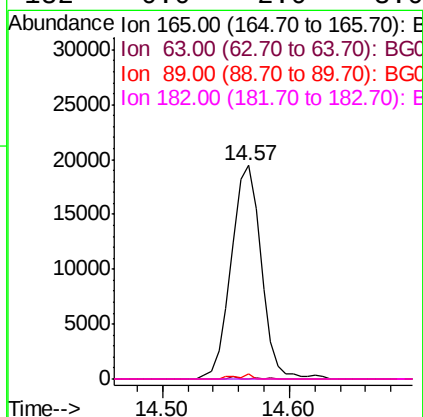
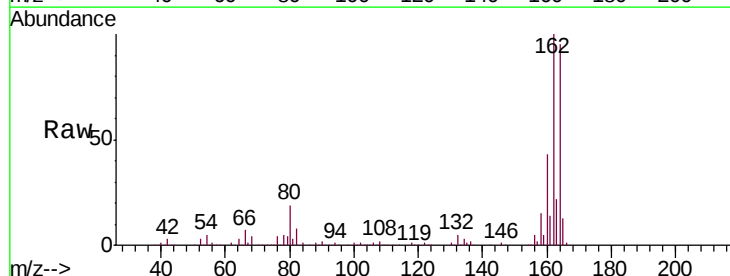
Instrument :
 BNA_G
 ClientSampleId :
 QVD-WC-S-SB-0203

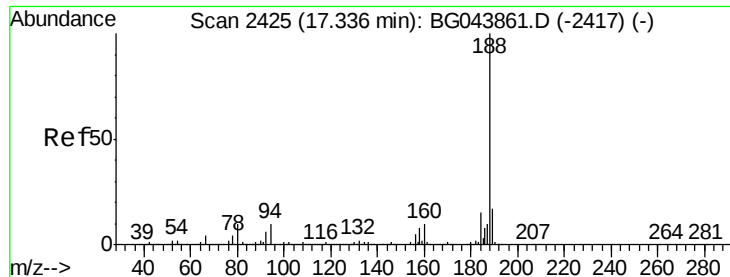
Tgt Ion:165 Resp: 31819
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.1 64.7#
 89 2.3 43.8 65.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.013 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

Tgt Ion:165 Resp: 31817
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.9 47.9#
 89 2.3 53.8 80.6#
 182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

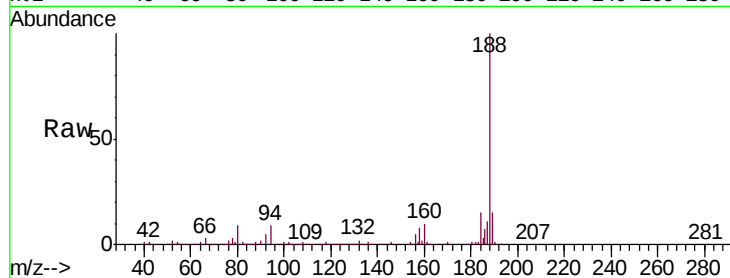
Tgt Ion:188 Resp: 515520

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

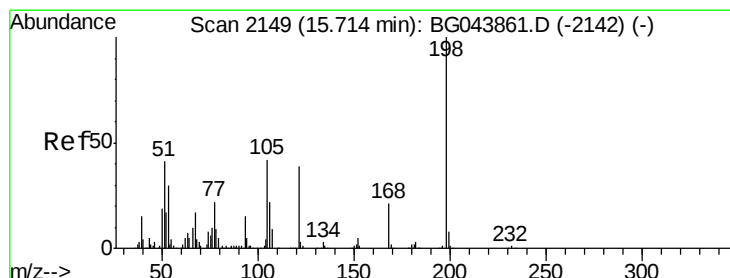
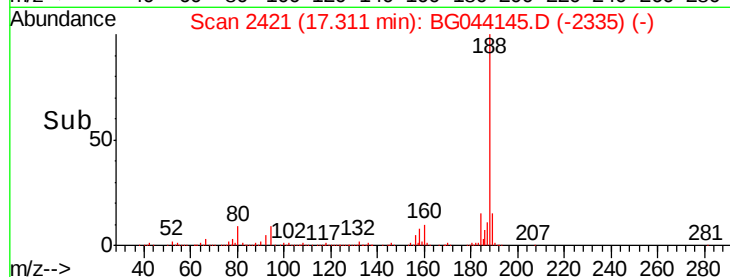
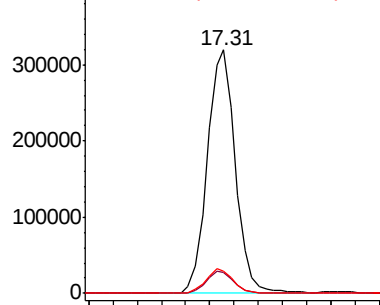
80 9.2 8.2 12.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.840 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.33 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

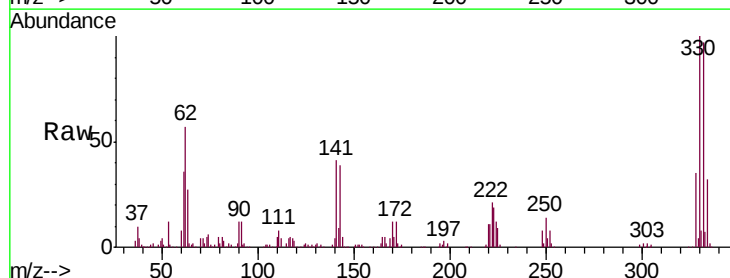
Tgt Ion:198 Resp: 1316

Ion Ratio Lower Upper

198 100

51 124.0 22.5 62.5#

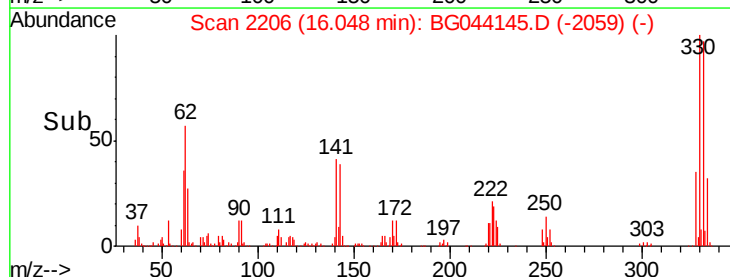
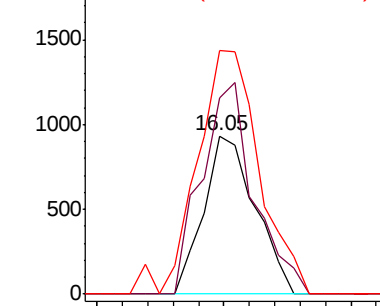
105 154.0 22.3 62.3#

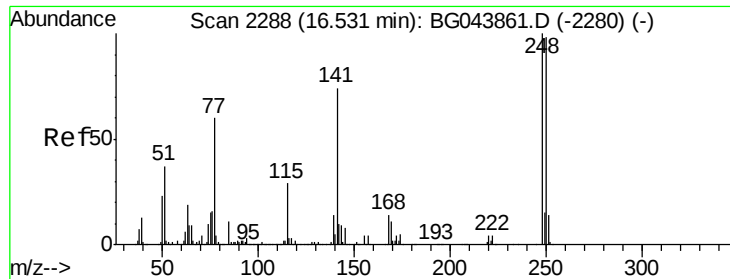


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

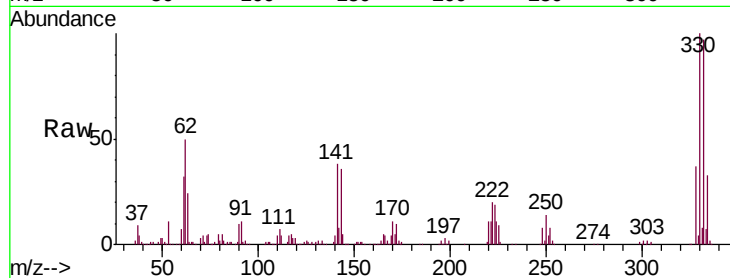




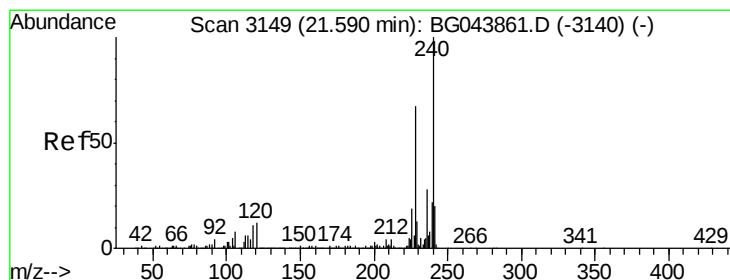
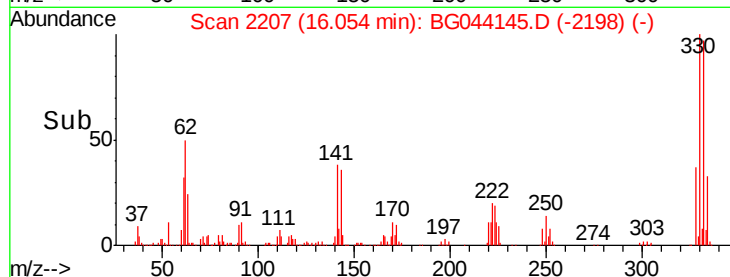
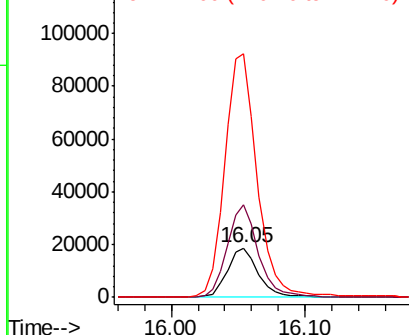
#67
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

Tgt Ion:248 Resp: 29963
Ion Ratio Lower Upper
248 100
250 187.2 78.2 117.2#
141 493.2 59.3 88.9#

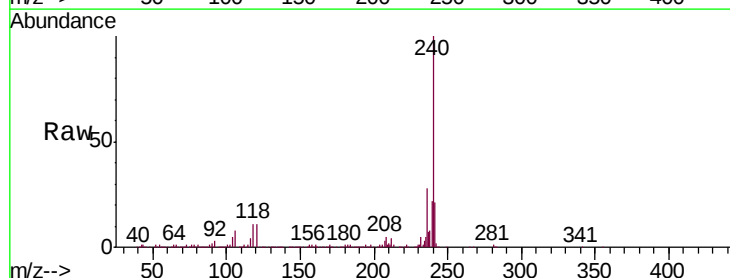


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

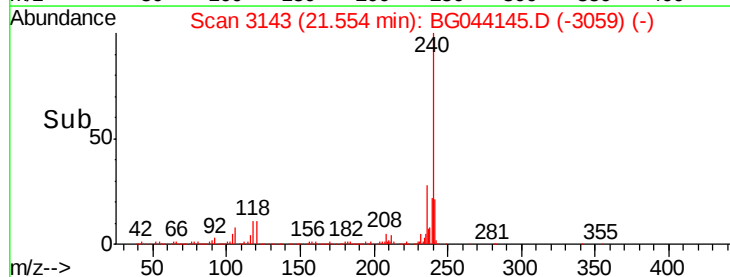
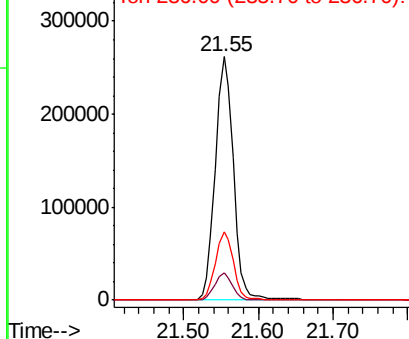


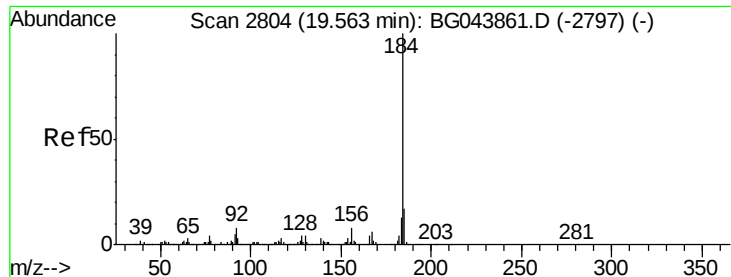
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Tgt Ion:240 Resp: 444371
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 27.9 22.2 33.2



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





#77

Benzidine

Concen: 3.292 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.36 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

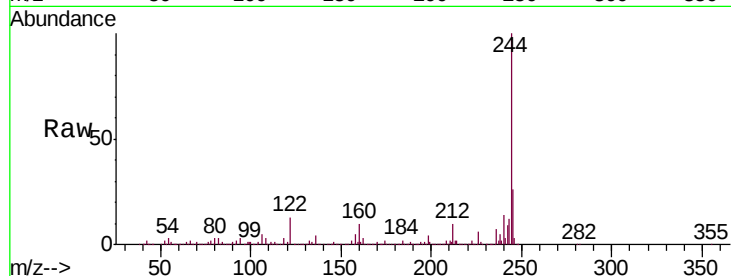
Tgt Ion:184 Resp: 36775

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

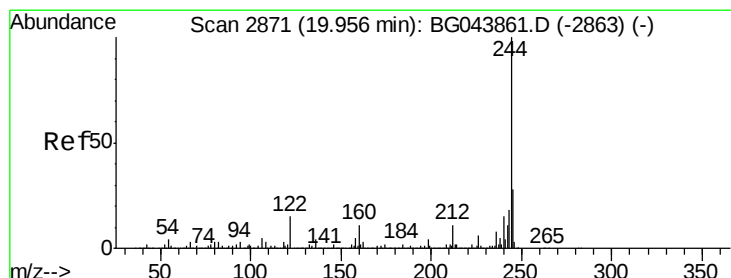
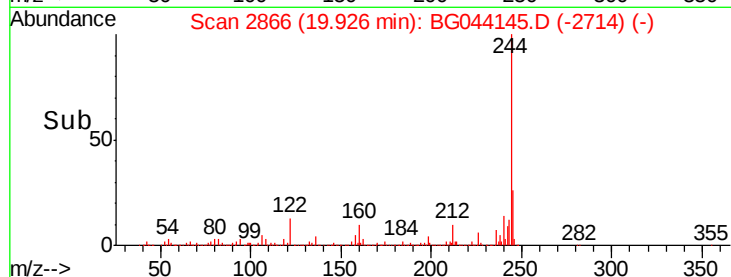
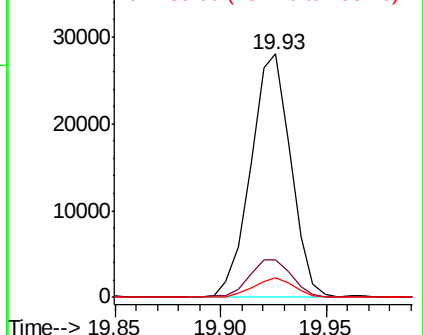
183 8.1 10.6 15.8#



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



#79

Terphenyl-d14

Concen: 121.678 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

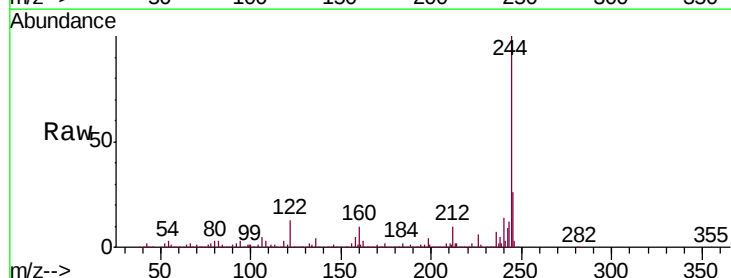
Tgt Ion:244 Resp: 2015625

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

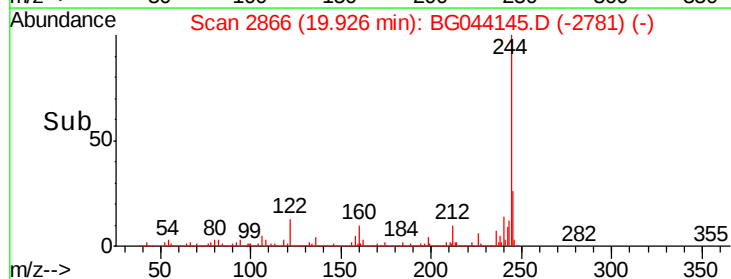
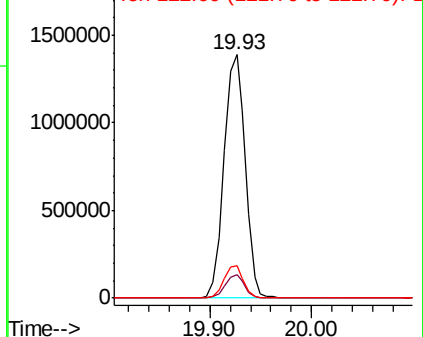
122 13.2 11.9 17.9

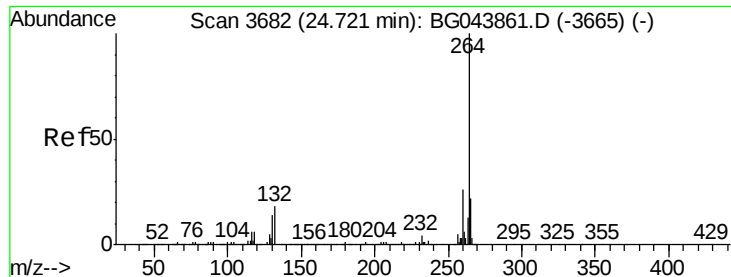


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.9	17.4	26.2

