

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044595.D
 Acq On : 26 Feb 2020 3:11
 Operator : CG/JU
 Sample : PB127049TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:06:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63241	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	246430	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	160487	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	388751	20.00	ng	0.00
76) Chrysene-d12	21.50	240	411266	20.00	ng	0.00
87) Perylene-d12	24.57	264	422900	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	504031	127.88	ng	0.00
7) Phenol-d6	7.05	99	578730	107.27	ng	0.00
23) Nitrobenzene-d5	9.03	82	430047	89.91	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	316466	139.07	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	976244	87.11	ng	0.00
79) Terphenyl-d14	19.88	244	1848360	85.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	65	0.038	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	614	0.337	ng	# 1
9) Benzaldehyde	7.05	77	1010	0.318	ng	# 1
15) Benzyl Alcohol	8.19	79	7051	1.938	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.41	45	140	0.024	ng	# 67
19) n-Nitroso-di-n-propylamine	9.03	70	56205	16.207	ng	# 79
22) Acetophenone	8.19	105	53	0.009	ng	# 1
24) Nitrobenzene	9.03	77	1377	0.297	ng	# 34
25) Isophorone	9.70	82	252	0.028	ng	# 65
46) 1,1'-Biphenyl	13.35	154	2290	0.172	ng	# 90
48) 2-Nitroaniline	13.13	65	1357	0.469	ng	# 6
51) 2,6-Dinitrotoluene	14.52	165	20716	7.251	ng	# 32
52) Acenaphthene	14.52	154	398	0.041	ng	# 5
57) 2,4-Dinitrotoluene	14.52	165	20716	5.158	ng	# 31
58) Fluorene	16.01	166	12952	1.087	ng	# 92
63) Azobenzene	16.00	77	1406	0.129	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.00	198	809	0.336	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	10168	0.839	ng	# 49
67) 4-Bromophenyl-phenylether	16.00	248	20516	4.252	ng	# 1
74) Di-n-butylphthalate	18.24	149	314	0.013	ng	# 77
75) Fluoranthene	19.69	202	63	0.002	ng	# 62
77) Benzidine	19.88	184	29110	2.066	ng	# 93
78) Pyrene	19.88	202	6829	0.229	ng	# 58
80) Butylbenzylphthalate	20.56	149	256	0.020	ng	# 26
81) Benzo(a)anthracene	21.50	228	1469	0.051	ng	# 56
82) 3,3'-Dichlorobenzidine	21.43	252	126	0.011	ng	# 25
83) Chrysene	21.54	228	445	0.016	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.40	149	1963	0.109	ng	# 95
85) Di-n-octyl phthalate	22.56	149	771	0.024	ng	# 80
86) Indeno(1,2,3-cd)pyrene	28.18	276	57	0.002	ng	# 51
88) Benzo(b)fluoranthene	23.60	252	380	0.014	ng	# 59
89) Benzo(k)fluoranthene	23.67	252	336	0.012	ng	# 58
90) Benzo(a)pyrene	24.43	252	133	0.005	ng	# 5

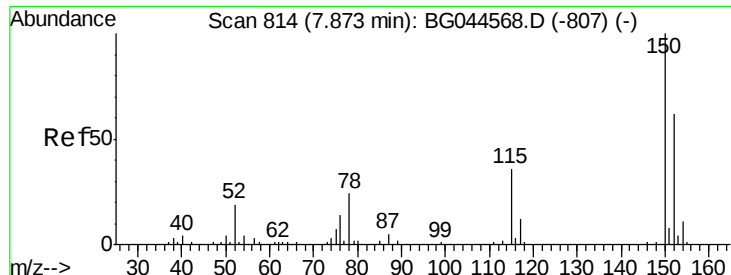
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044595.D
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Quant Time: Feb 26 05:06:34 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

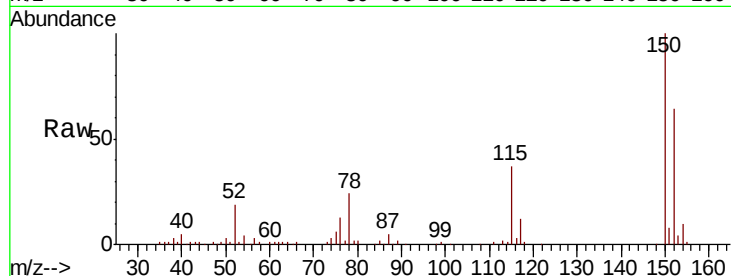


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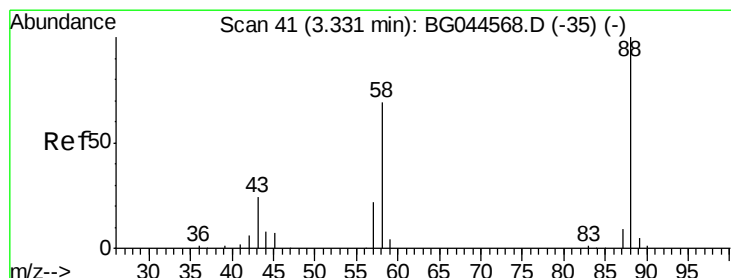
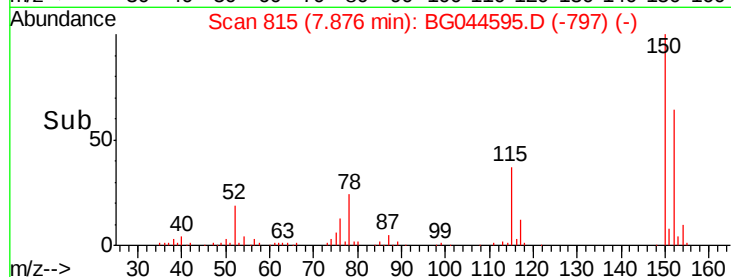
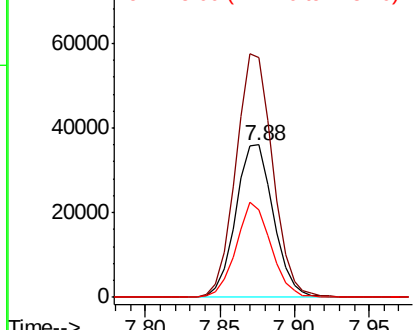
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 63241
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.9 193.3
 115 57.5 47.0 70.4



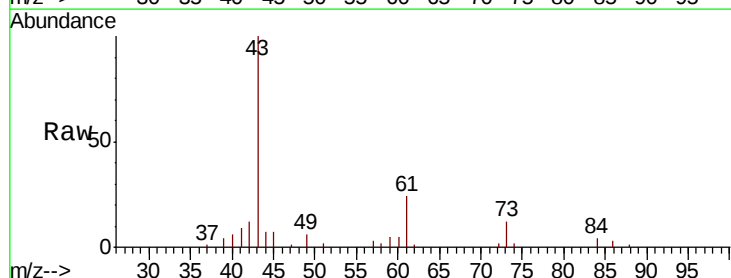
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



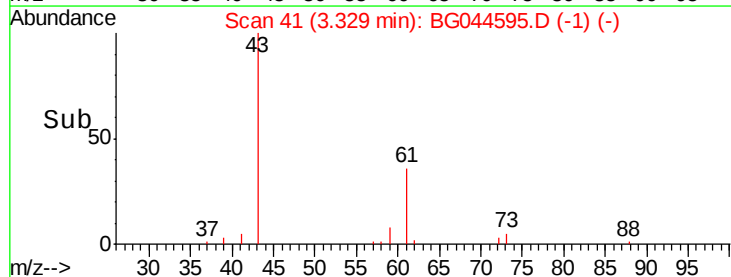
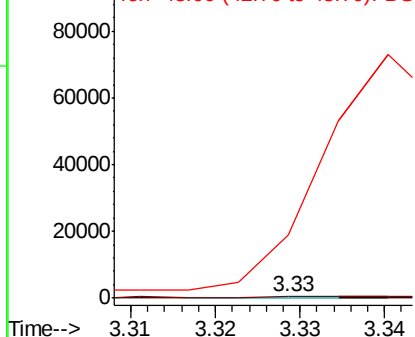
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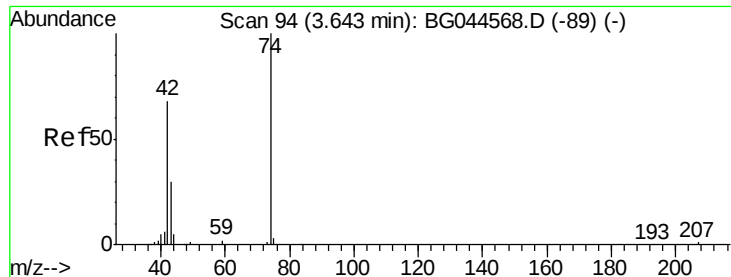
1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.33 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 58 2716.9 55.8 83.8#
 43 136067.7 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC



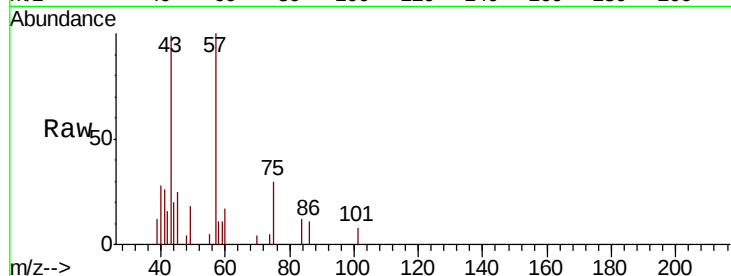


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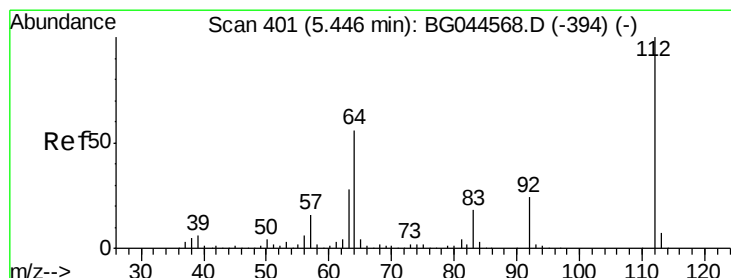
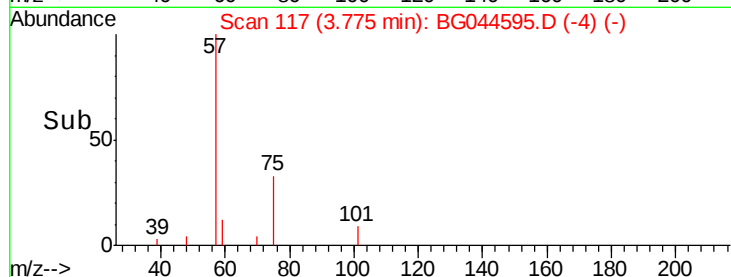
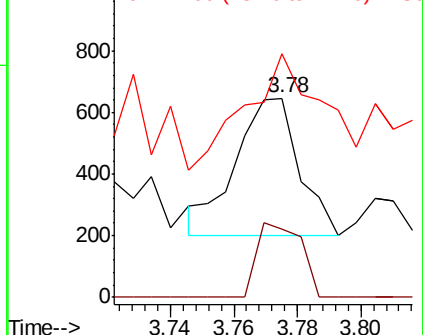
n-Nitrosodimethylamine
 Concen: 0.337 ng
 RT: 3.78 min Scan# 117
 Delta R.T. 0.13 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 42 Resp: 614
 Ion Ratio Lower Upper
 42 100
 74 34.0 117.6 176.4#
 44 122.1 6.3 9.5#



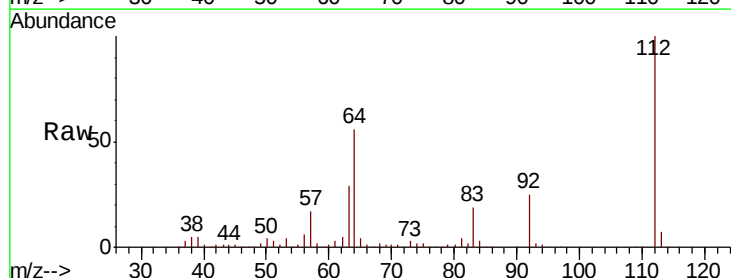
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



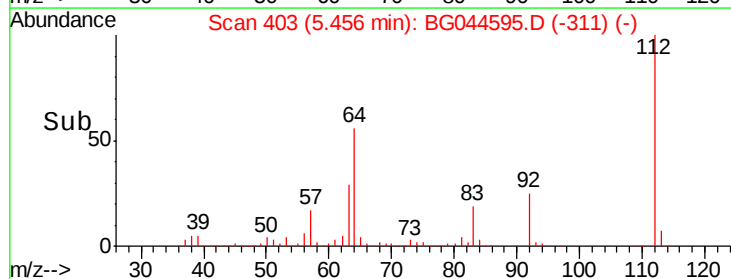
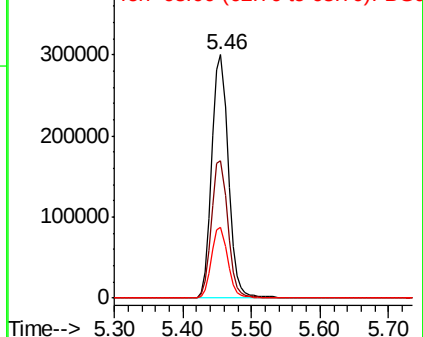
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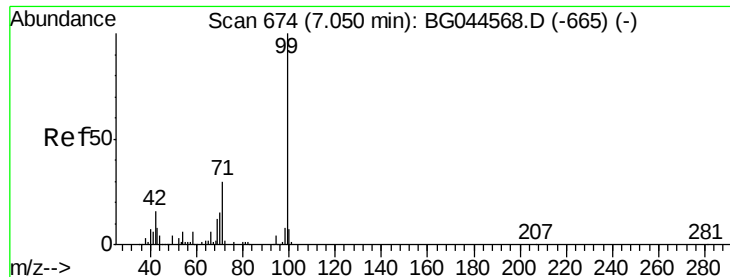
2-Fluorophenol
 Concen: 127.876 ng
 RT: 5.46 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion: 112 Resp: 504031
 Ion Ratio Lower Upper
 112 100
 64 56.3 44.8 67.2
 63 29.1 22.3 33.5



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





#7

Phenol-d6

Concen: 107.267 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

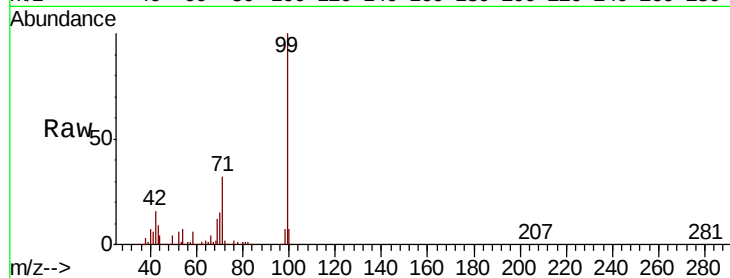
Tot Ion: 99 Resp: 578730

Ion Ratio Lower Upper

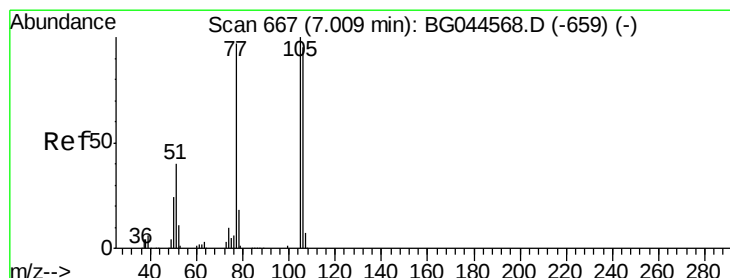
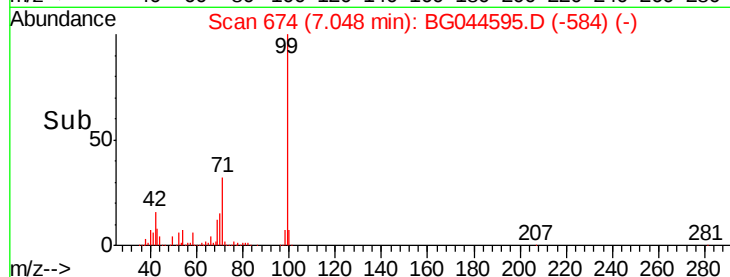
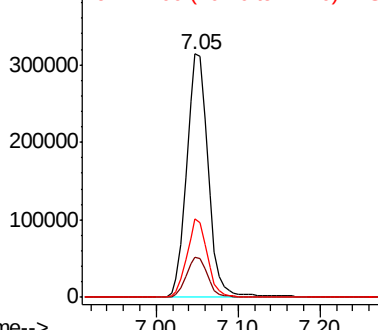
99 100

42 16.5 12.8 19.2

71 32.1 24.4 36.6



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



#9

Benzaldehyde

Concen: 0.318 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.04 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

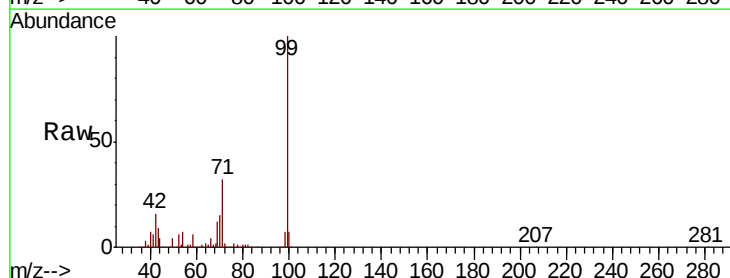
Tgt Ion: 77 Resp: 1010

Ion Ratio Lower Upper

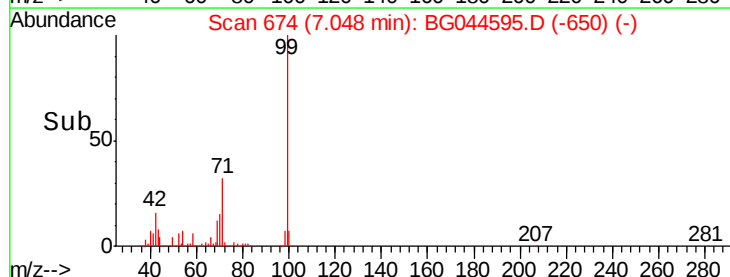
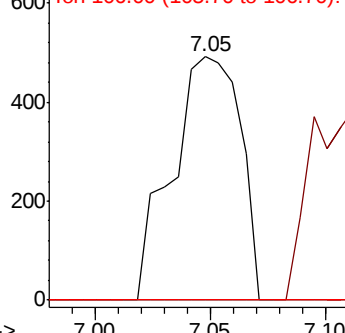
77 100

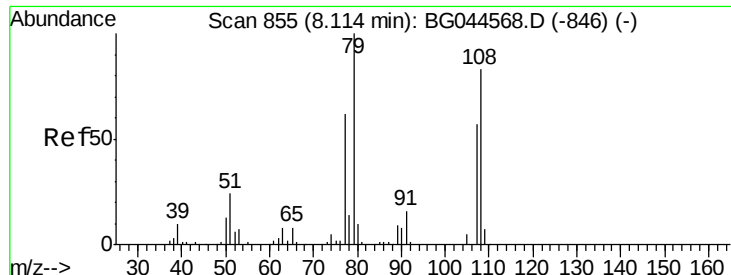
105 0.0 83.6 123.6#

106 0.0 78.2 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 1.938 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampled :

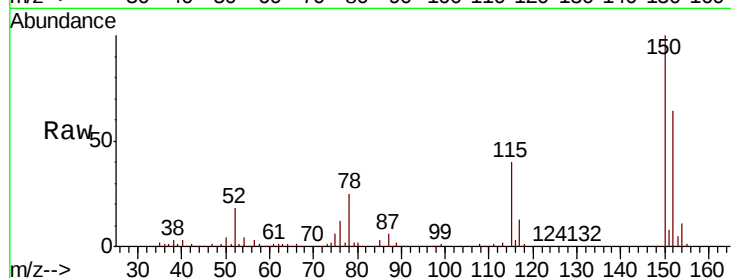
Tot Ion: 79 Resp: 7051

Ion Ratio Lower Upper

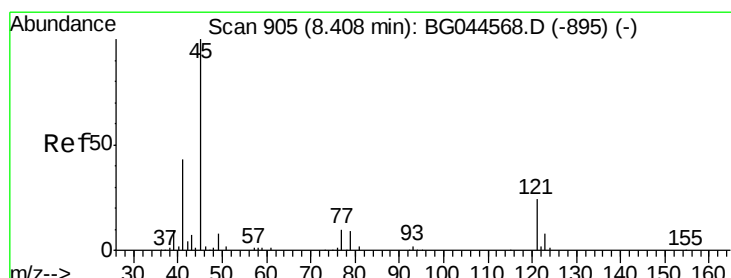
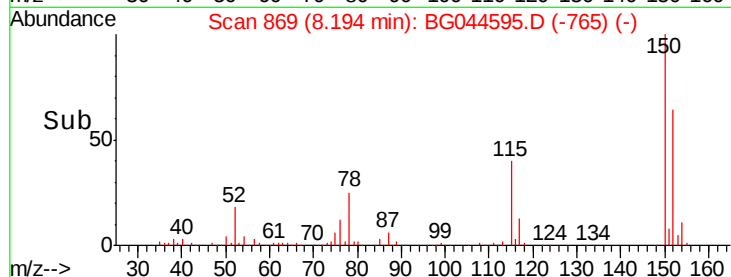
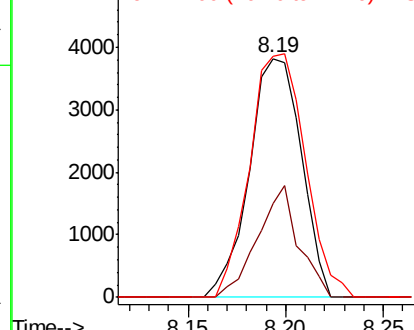
79 100

108 39.4 66.0 99.0#

77 100.6 49.6 74.4#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.024 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

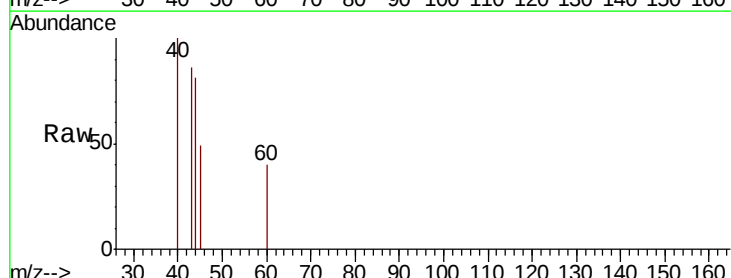
Tgt Ion: 45 Resp: 140

Ion Ratio Lower Upper

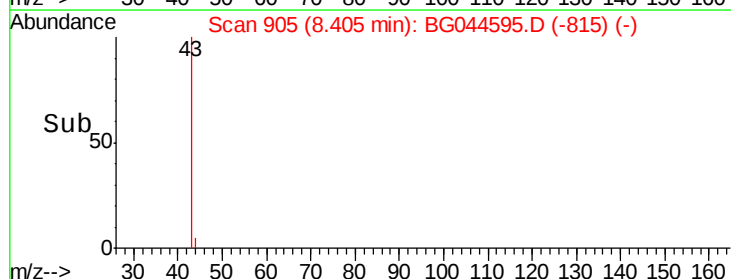
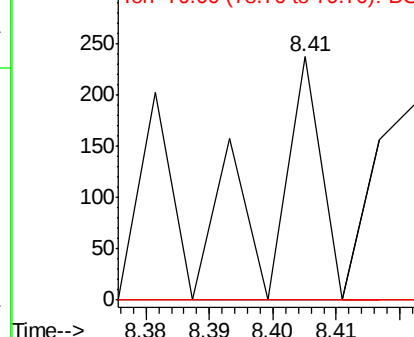
45 100

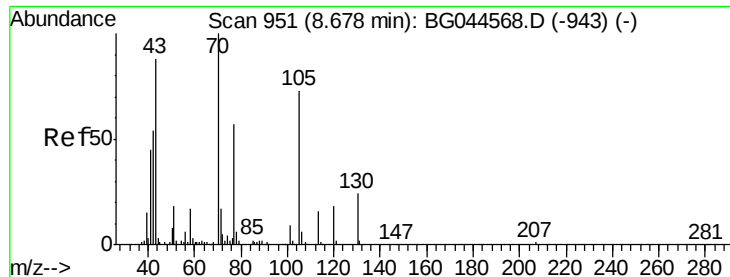
77 0.0 0.0 34.4

79 0.0 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

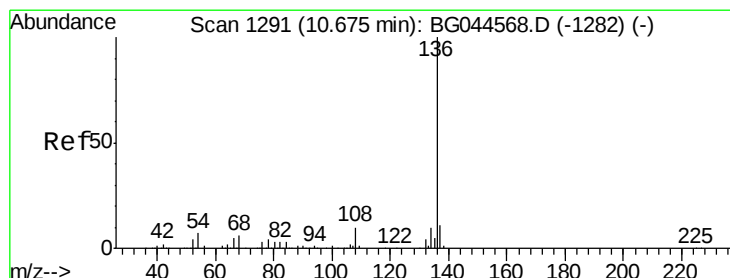
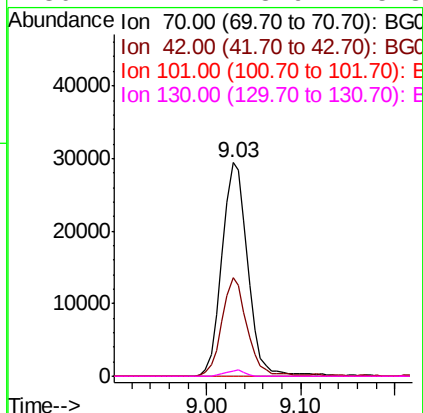
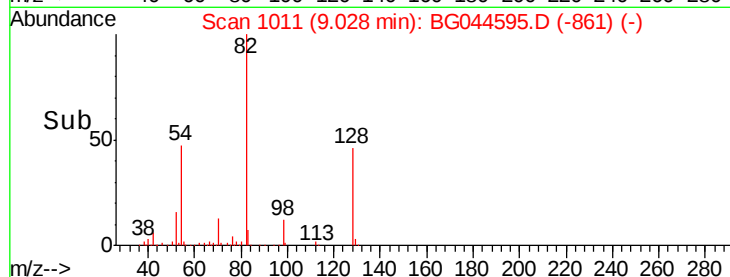
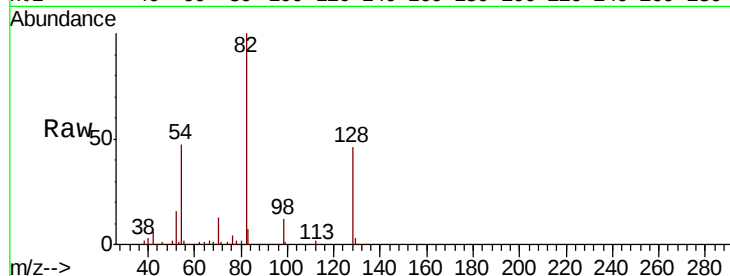




#19
n-Nitroso-di-n-propylamine
Concen: 16.207 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

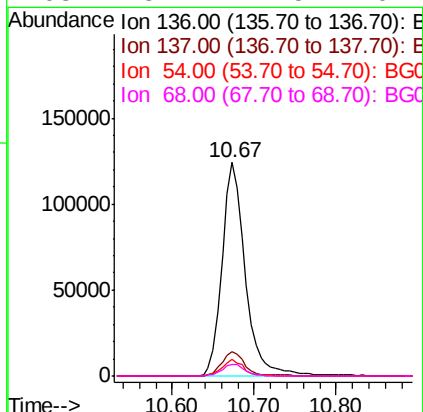
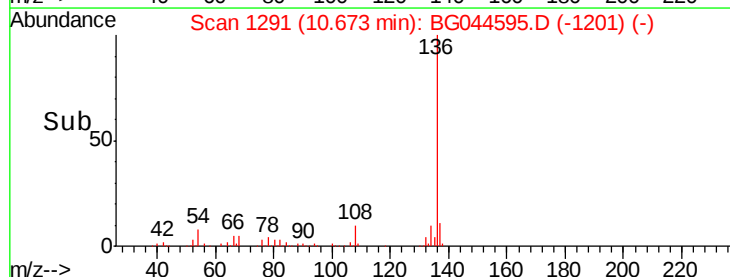
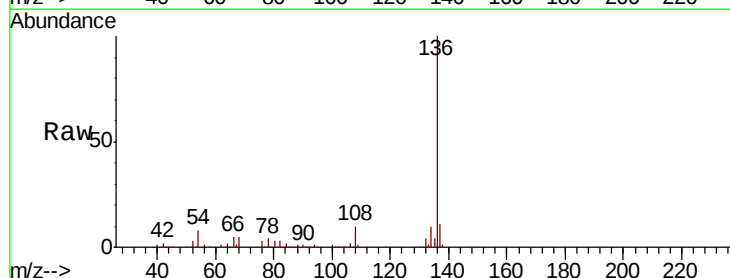
Instrument :
BNA_G
ClientSampleId :

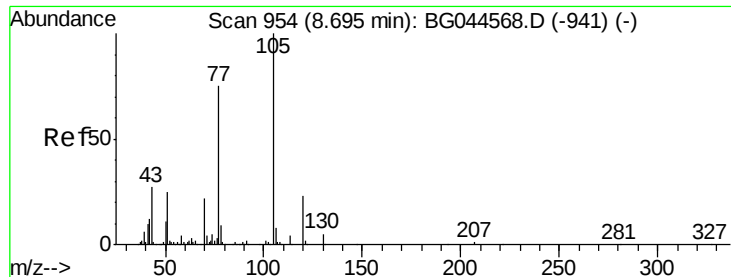
Tot Ion: 70 Resp: 56205
Ion Ratio Lower Upper
70 100
42 46.3 43.4 65.0
101 0.0 7.5 11.3#
130 2.2 18.9 28.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion: 136 Resp: 246430
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.5 5.7 8.5
68 5.1 4.5 6.7

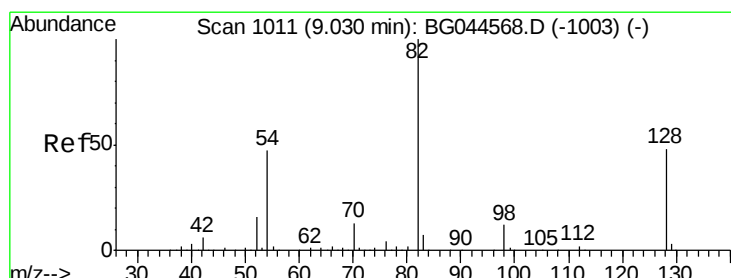
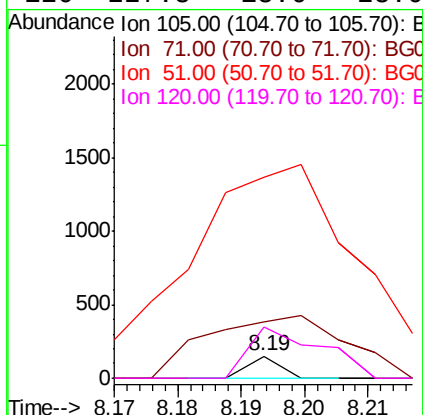
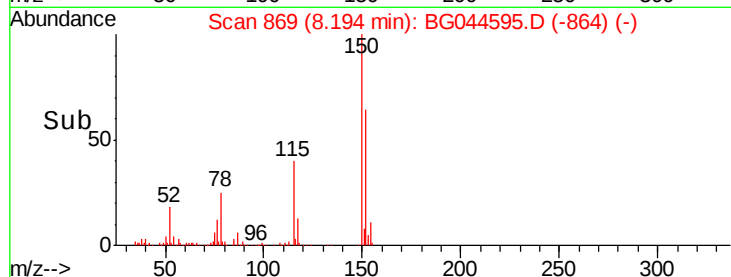
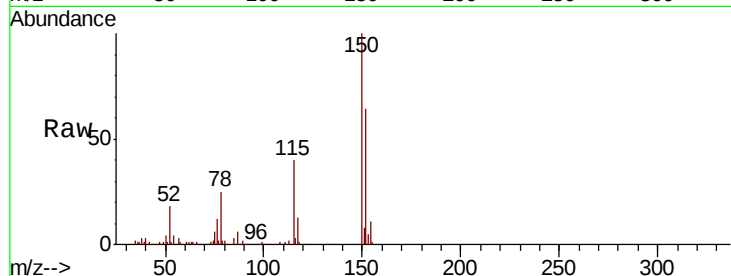




#22
Acetophenone
Concen: 0.009 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.50 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

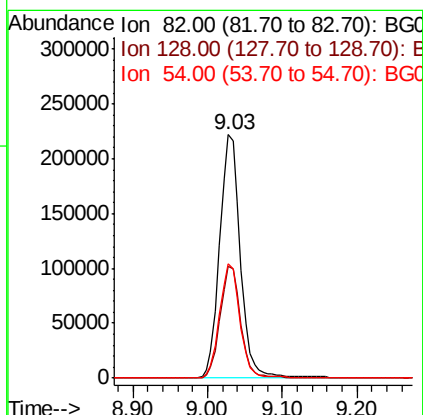
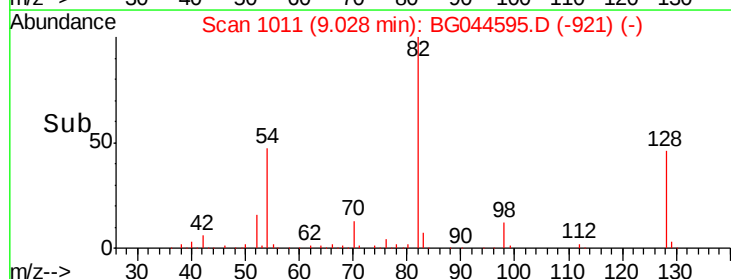
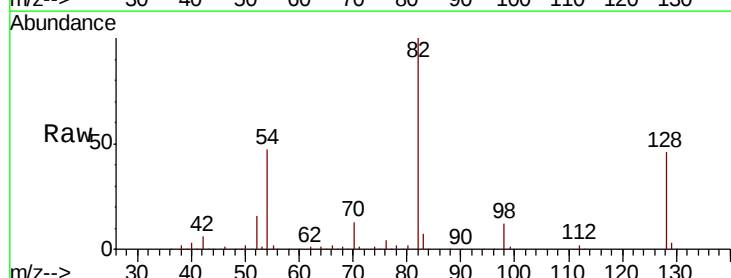
Instrument :
BNA_G
ClientSampleId :

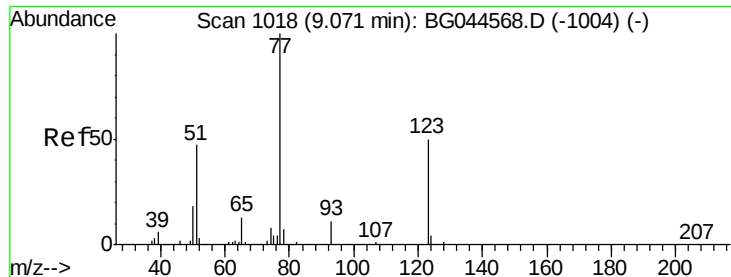
Tot Ion:105 Resp: 53
Ion Ratio Lower Upper
105 100
71 255.0 2.8 4.2#
51 903.3 19.9 29.9#
120 227.8 18.6 28.0#



#23
Nitrobenzene-d5
Concen: 89.905 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion: 82 Resp: 430047
Ion Ratio Lower Upper
82 100
128 46.0 38.1 57.1
54 47.1 37.5 56.3

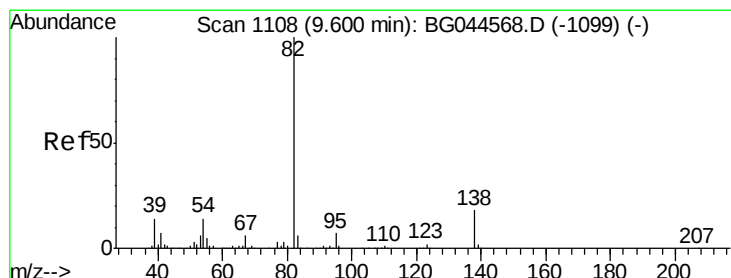
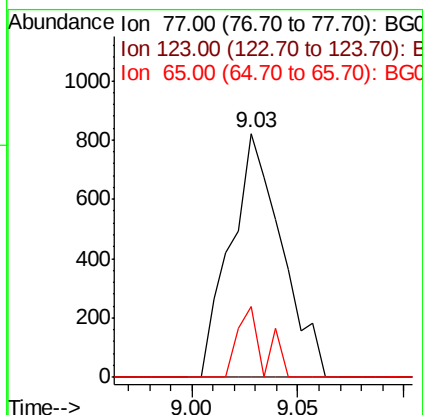
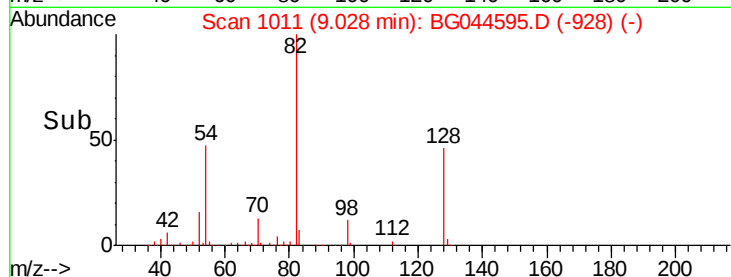
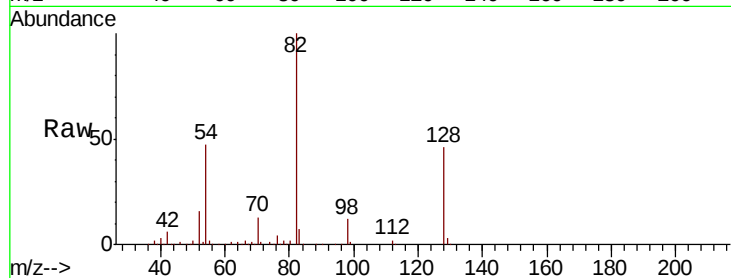




#24
Nitrobenzene
Concen: 0.297 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

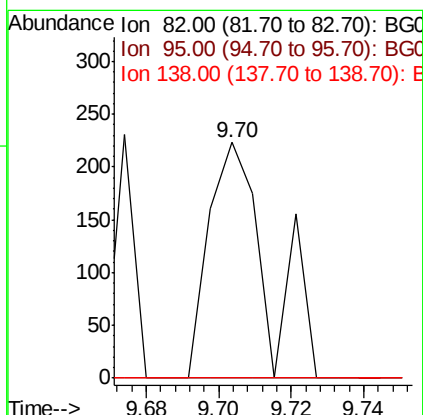
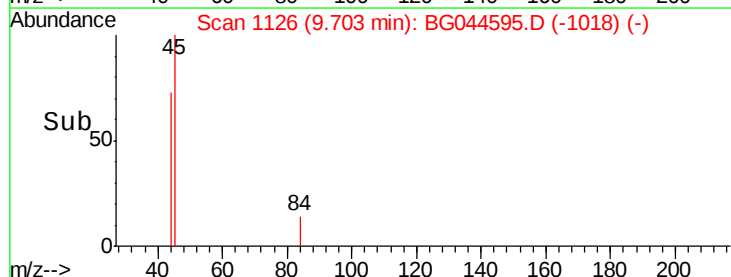
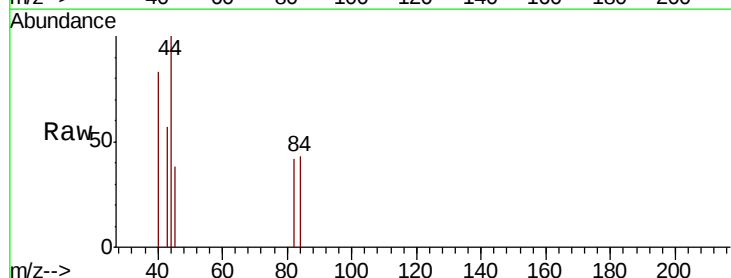
Instrument :
BNA_G
ClientSampled :

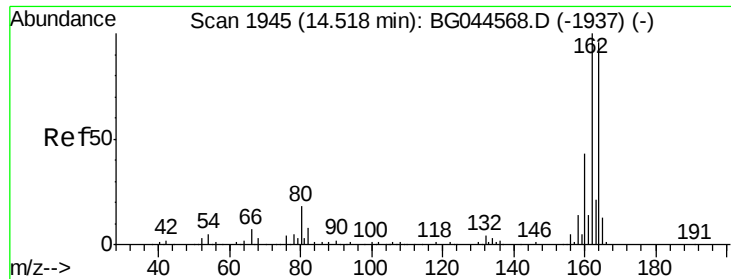
Tot Ion: 77 Resp: 1377
Ion Ratio Lower Upper
77 100
123 0.0 40.1 60.1#
65 29.2 10.4 15.6#



#25
Isophorone
Concen: 0.028 ng
RT: 9.70 min Scan# 1126
Delta R.T. 0.10 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion: 82 Resp: 252
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#

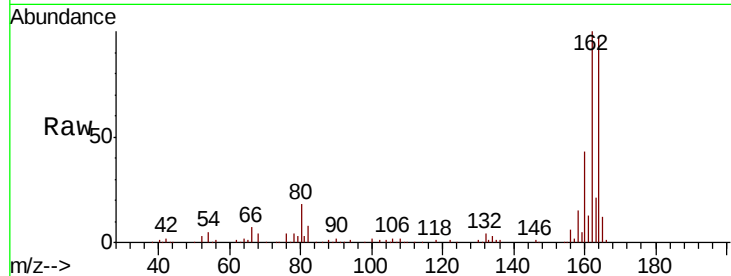




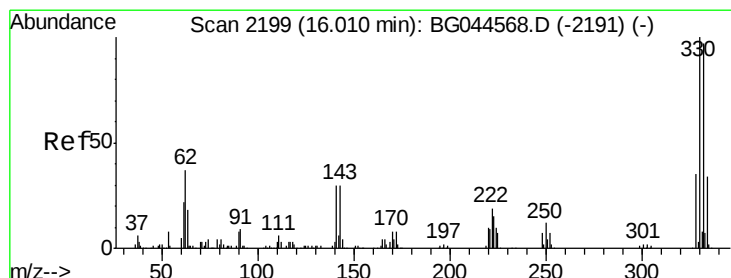
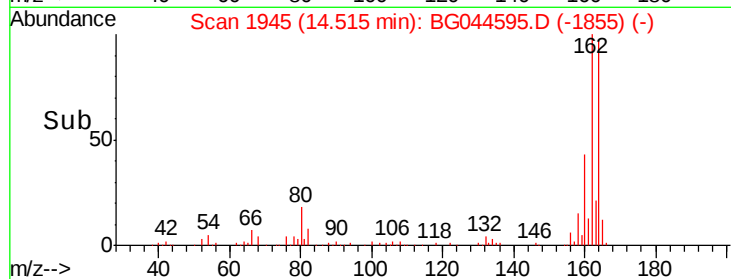
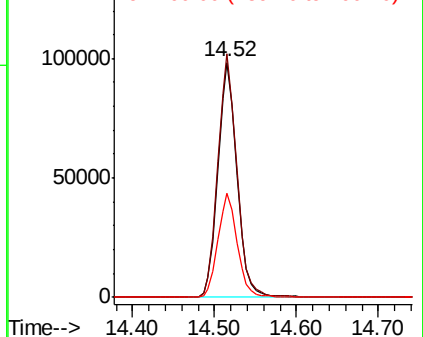
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 160487
Ion Ratio Lower Upper
164 100
162 103.6 83.6 125.4
160 44.4 36.2 54.4

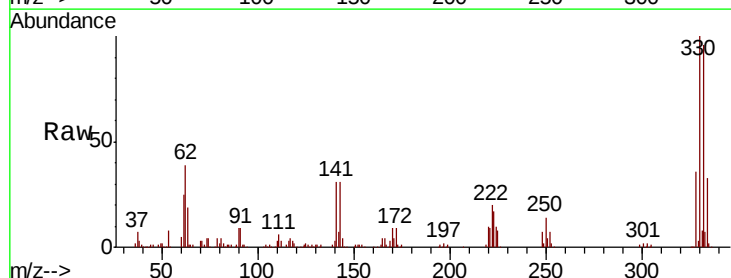


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

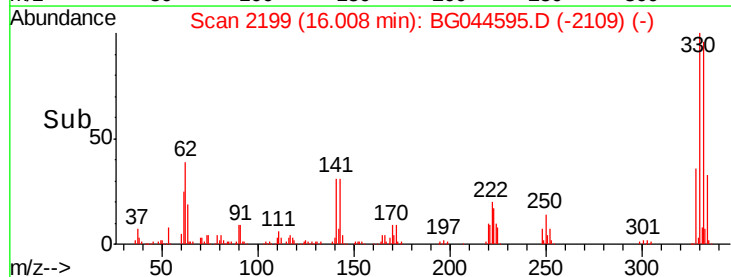
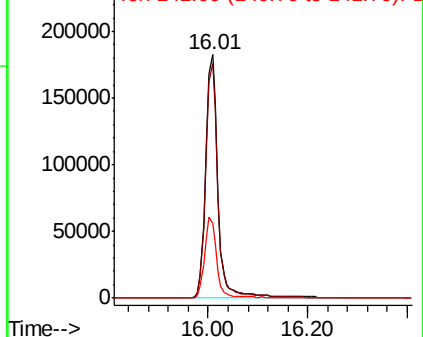


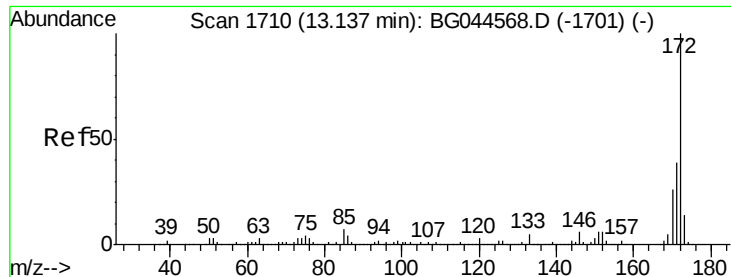
#42
2,4,6-Tribromophenol
Concen: 139.071 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion:330 Resp: 316466
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 32.4 26.1 39.1



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

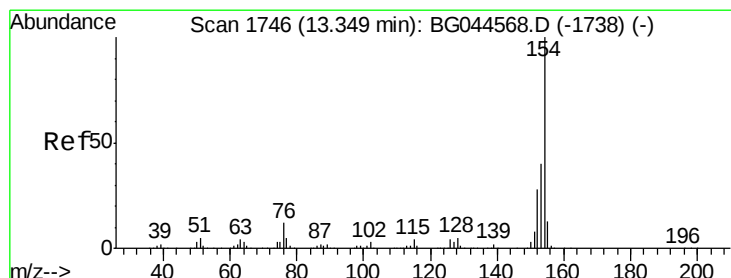
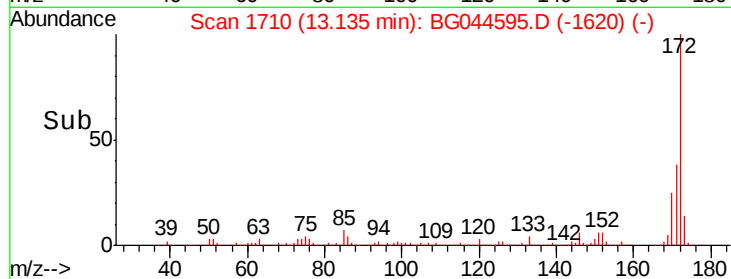
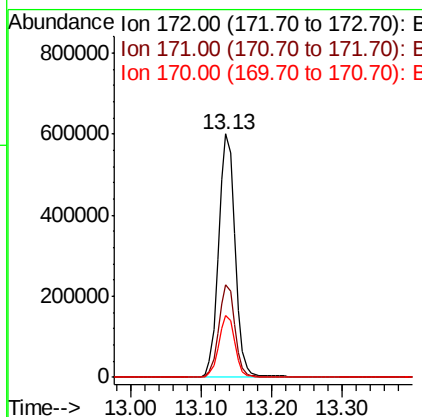
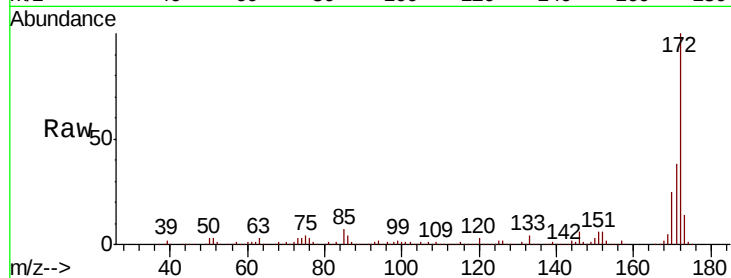




#45
2-Fluorobiphenyl
Concen: 87.108 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

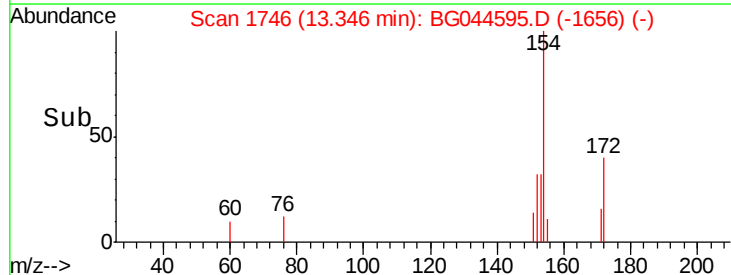
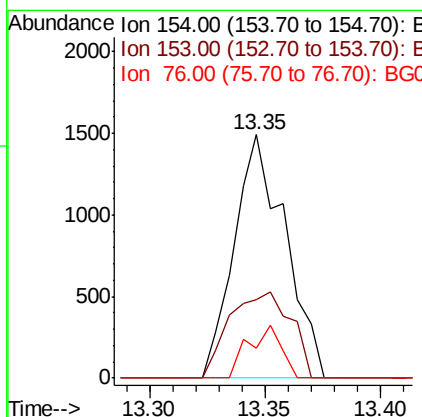
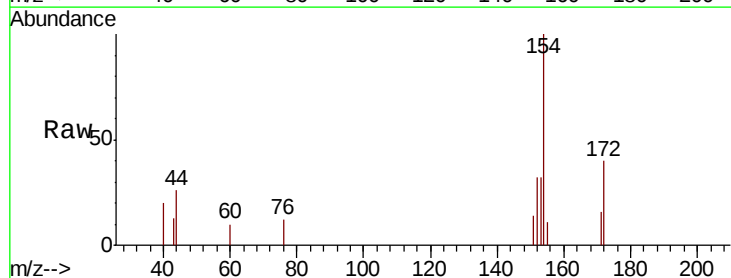
Instrument :
BNA_G
ClientSampleId :

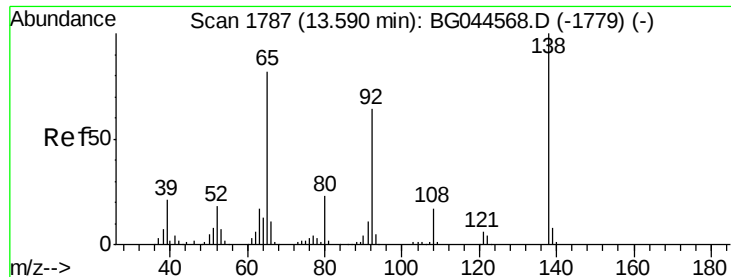
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.4



#46
1,1'-Biphenyl
Concen: 0.172 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	32.0	20.2	60.2
76	12.1	0.0	31.8

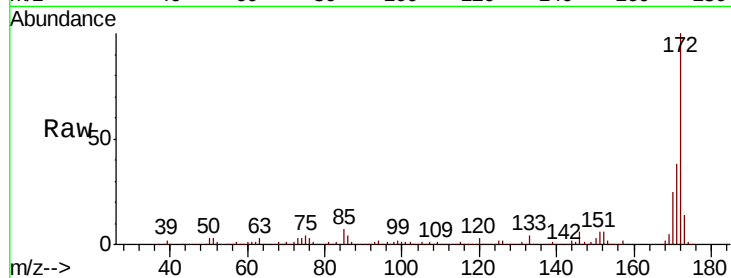




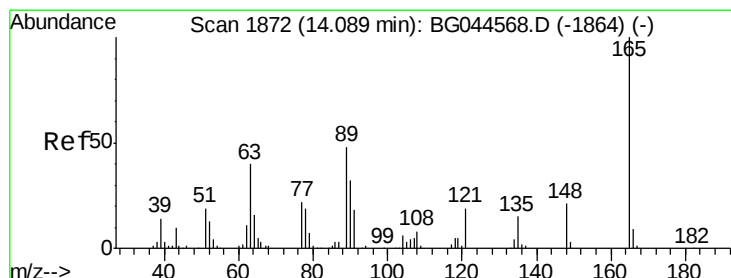
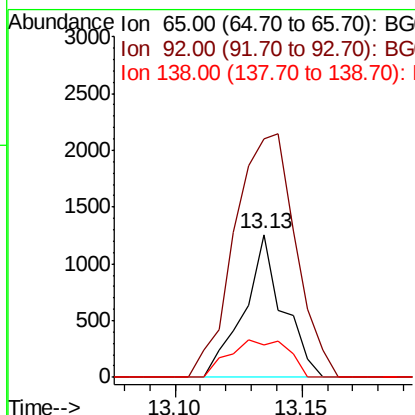
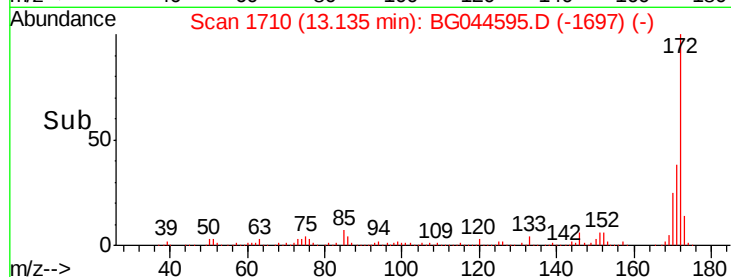
#48
2-Nitroaniline
Concen: 0.469 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.45 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 1357
Ion Ratio Lower Upper
65 100
92 166.8 62.2 93.2#
138 22.7 97.6 146.4#

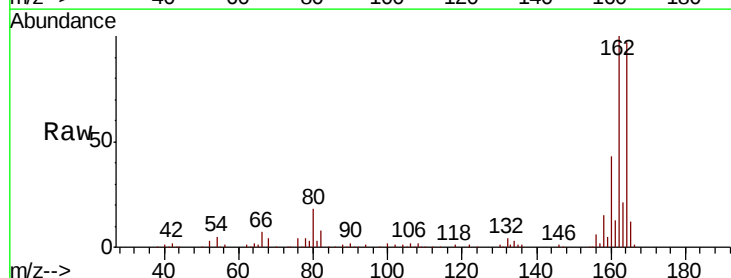


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

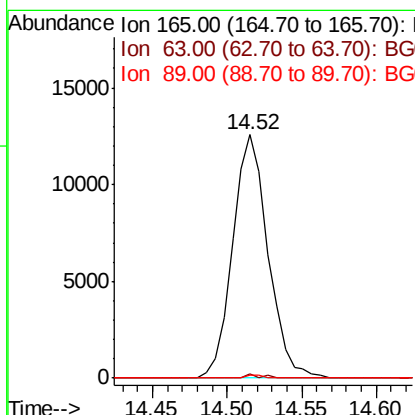
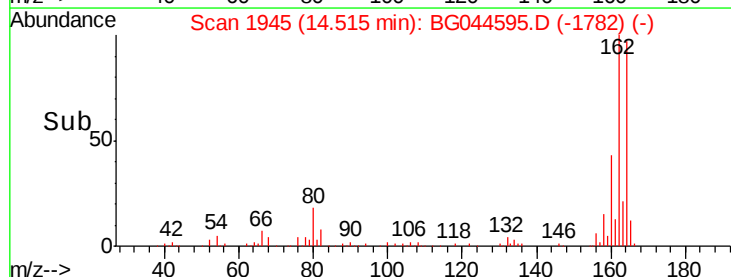


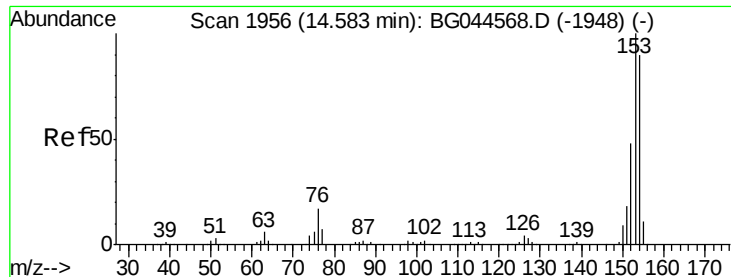
#51
2,6-Dinitrotoluene
Concen: 7.251 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.43 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion:165 Resp: 20716
Ion Ratio Lower Upper
165 100
63 1.9 35.8 53.6#
89 1.2 38.7 58.1#



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





#52

Acenaphthene

Concen: 0.041 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampled :

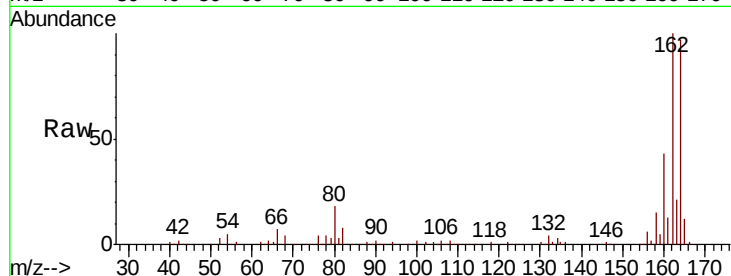
Tot Ion:154 Resp: 398

Ion Ratio Lower Upper

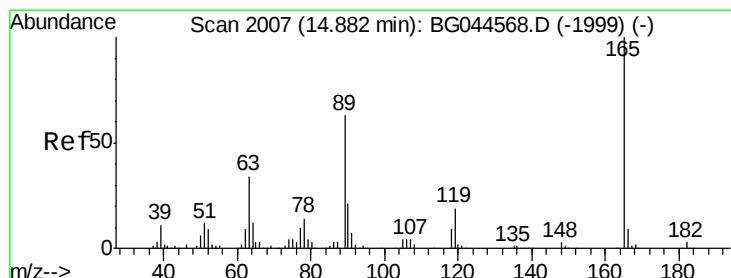
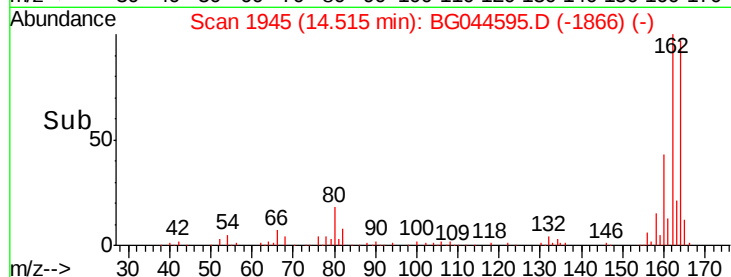
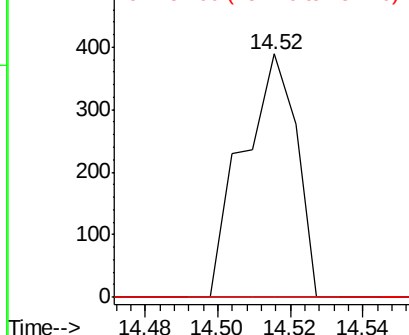
154 100

153 0.0 89.4 134.0#

152 0.0 43.0 64.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.158 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Tgt Ion:165 Resp: 20716

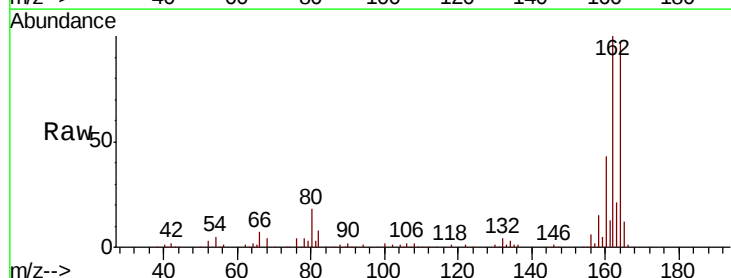
Ion Ratio Lower Upper

165 100

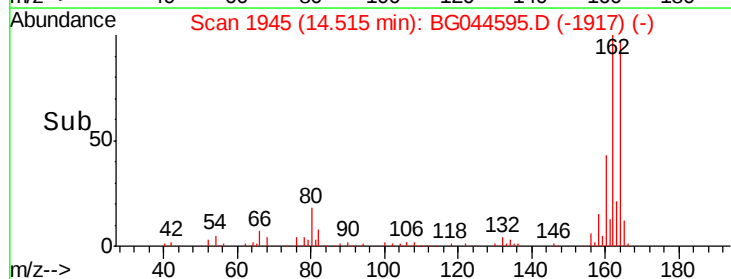
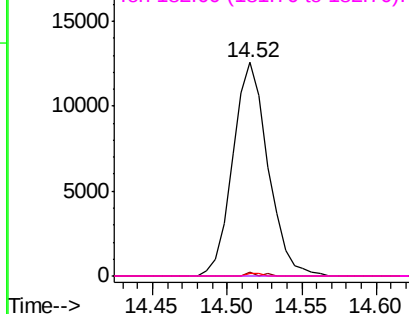
63 1.9 27.5 41.3#

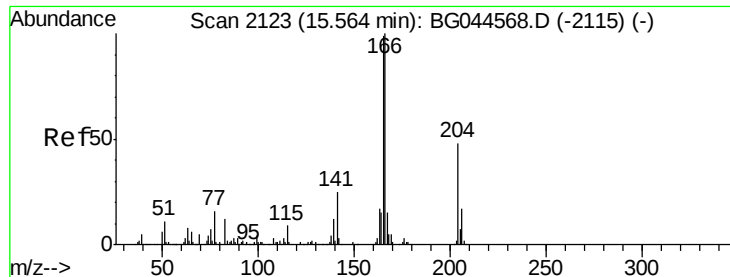
89 1.2 50.0 75.0#

182 0.0 2.3 3.5#



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.087 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.44 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

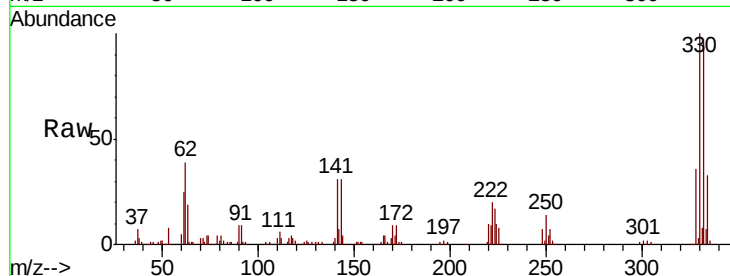
Tot Ion:166 Resp: 12952

Ion Ratio Lower Upper

166 100

165 96.4 79.2 118.8

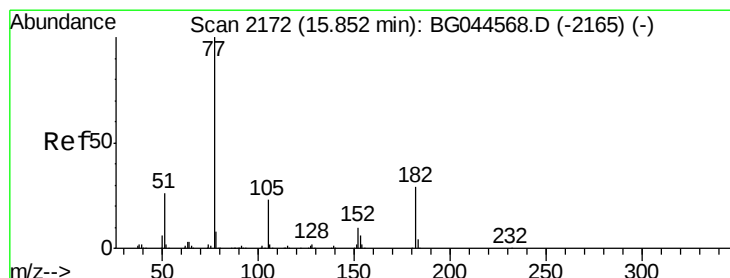
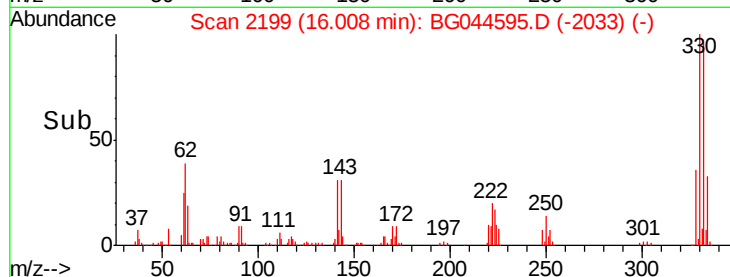
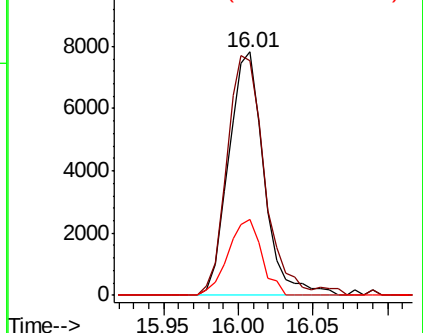
167 31.4 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.129 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Tgt Ion: 77 Resp: 1406

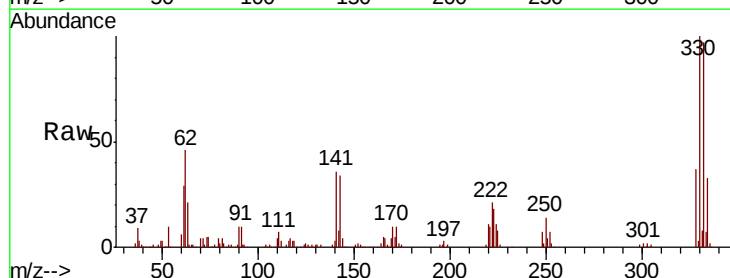
Ion Ratio Lower Upper

77 100

182 0.0 9.4 49.4#

105 79.4 3.4 43.4#

51 71.1 6.4 46.4#

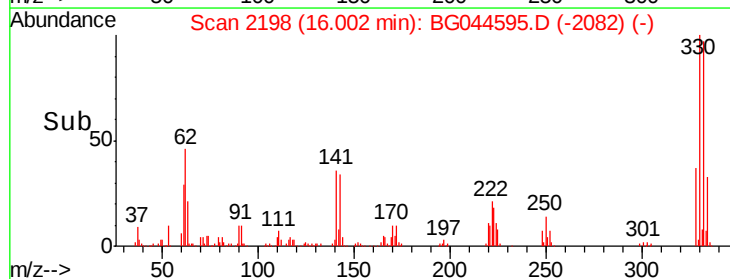
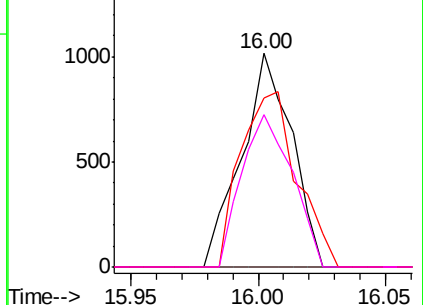


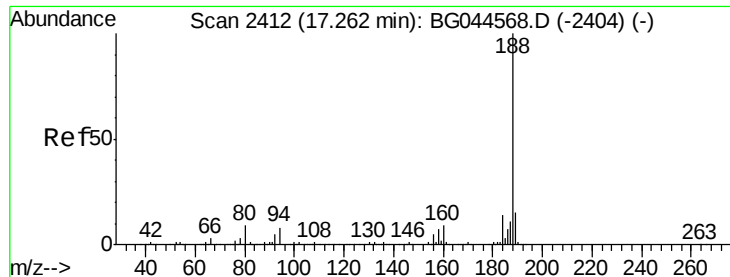
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

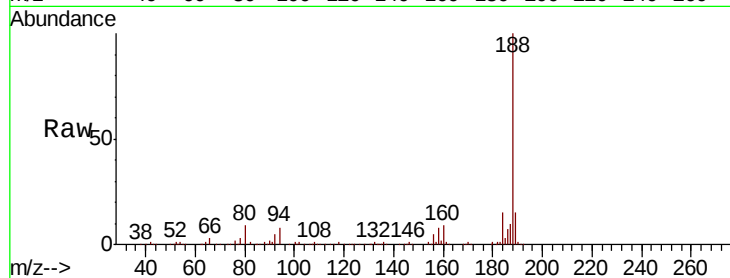
Tot Ion:188 Resp: 388751

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

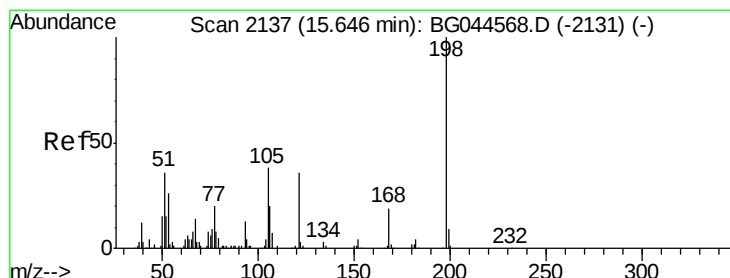
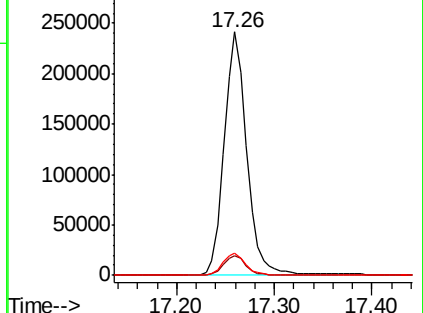
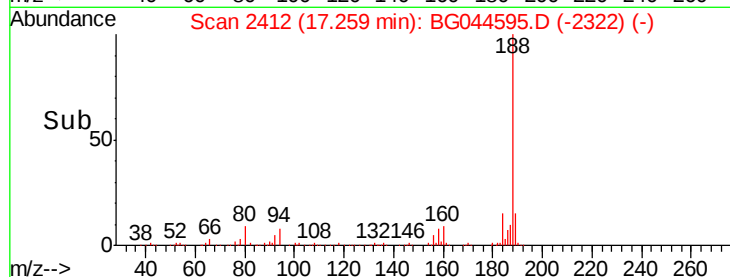
80 9.0 7.6 11.4



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: 0.336 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.36 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

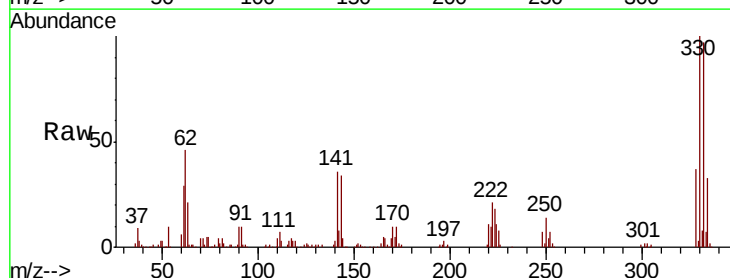
Tgt Ion:198 Resp: 809

Ion Ratio Lower Upper

198 100

51 130.5 17.0 57.0#

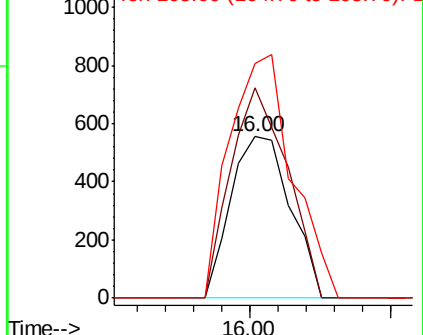
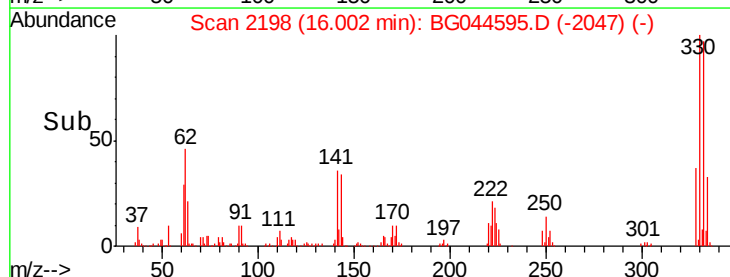
105 145.7 18.4 58.4#

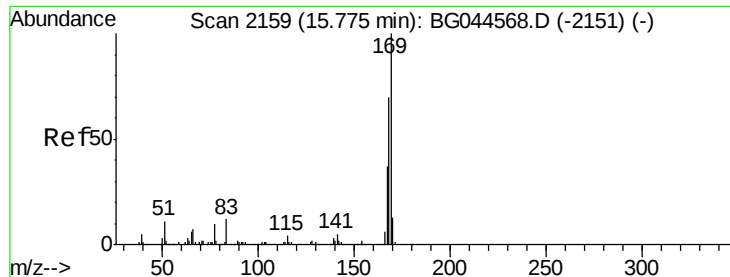


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

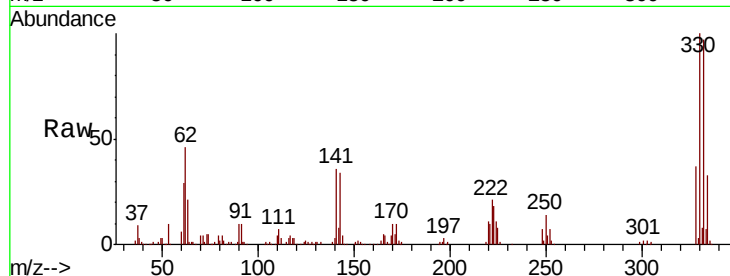




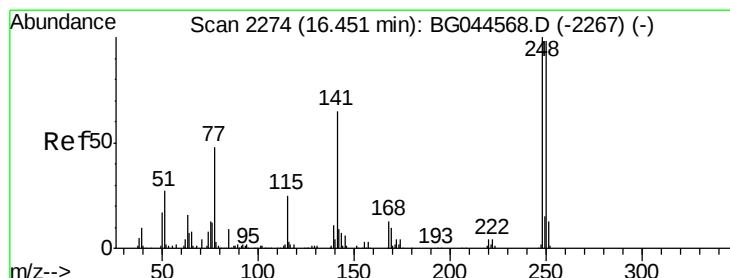
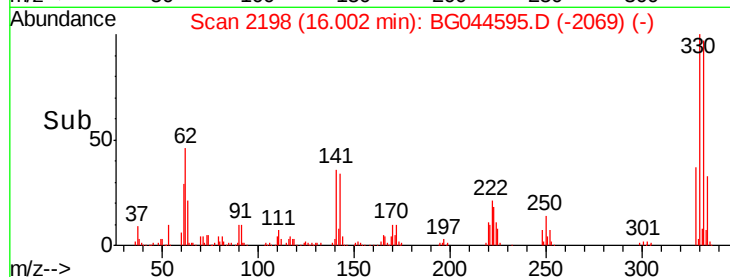
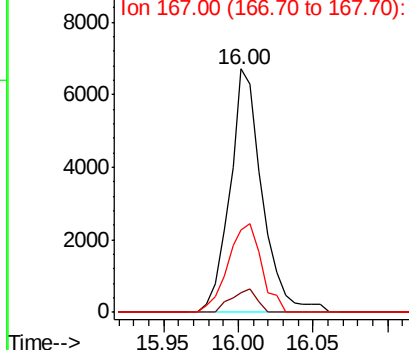
#66
 n-Nitrosodiphenylamine
 Concen: 0.839 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. 0.23 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 10168
 Ion Ratio Lower Upper
 169 100
 168 7.9 56.1 84.1#
 167 33.9 29.4 44.0

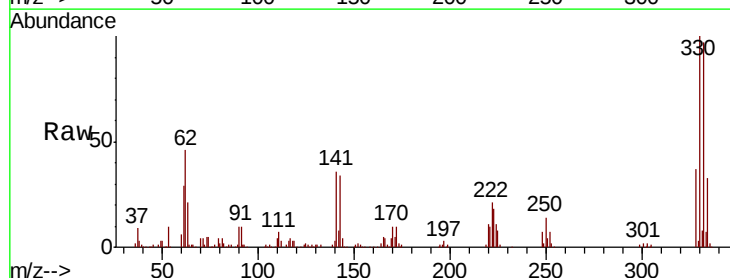


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

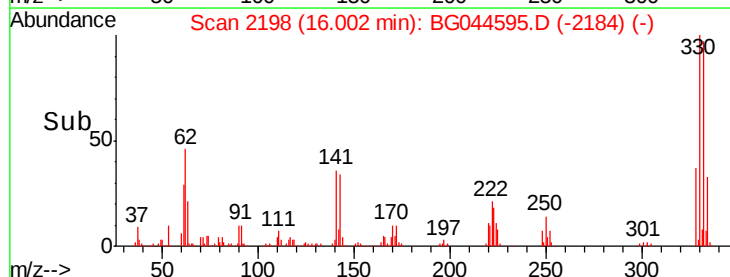
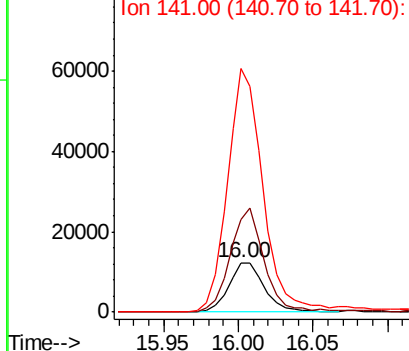


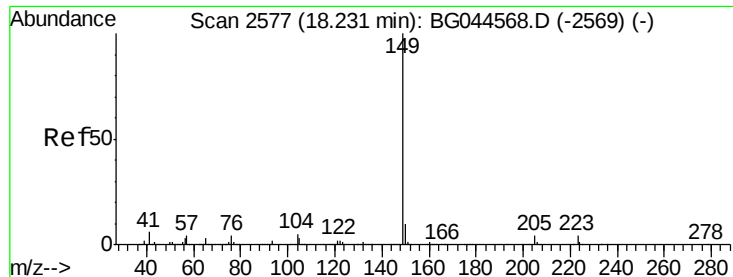
#67
 4-Bromophenyl-phenylether
 Concen: 4.252 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion:248 Resp: 20516
 Ion Ratio Lower Upper
 248 100
 250 189.3 78.7 118.1#
 141 495.2 52.3 78.5#



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

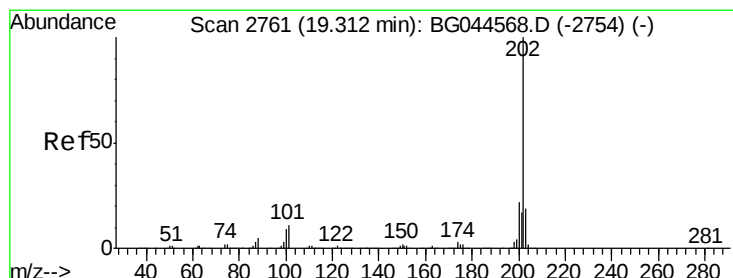
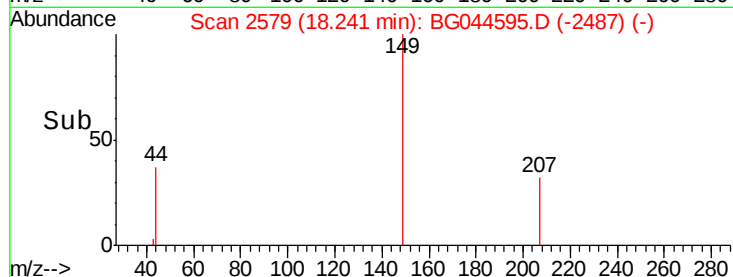
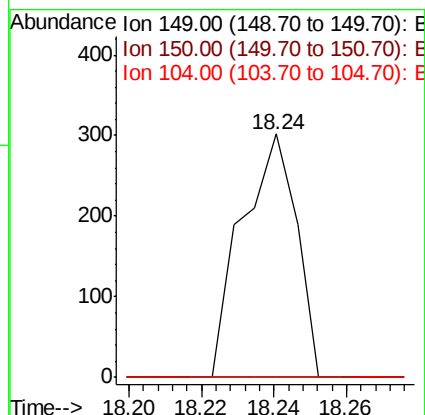
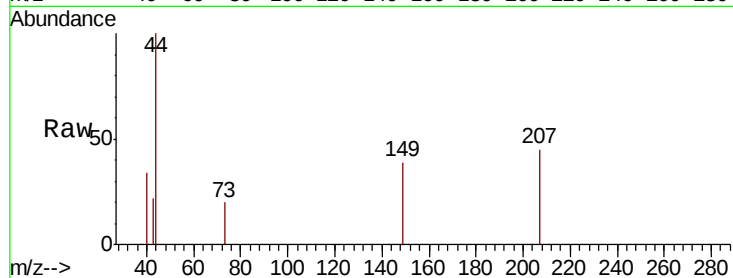




#74
Di-n-butylphthalate
Concen: 0.013 ng
RT: 18.24 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

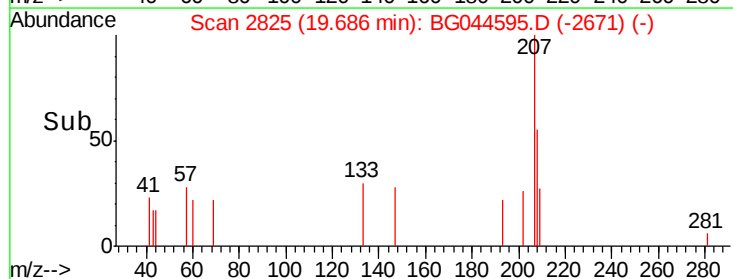
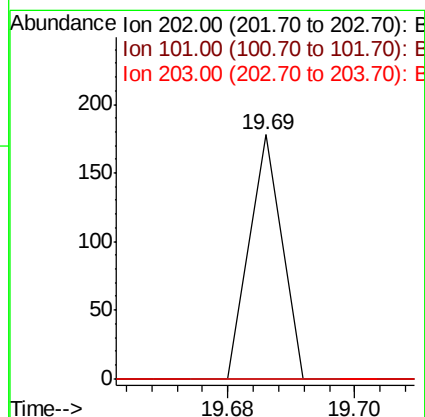
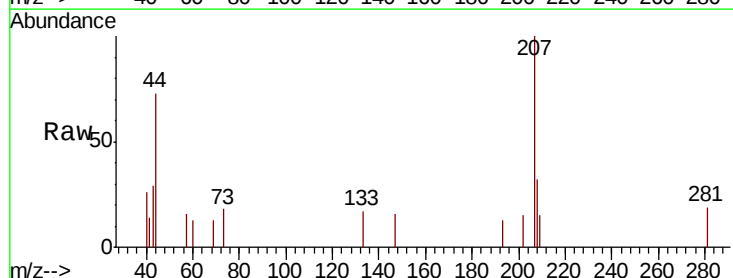
Instrument :
BNA_G
ClientSampleId :

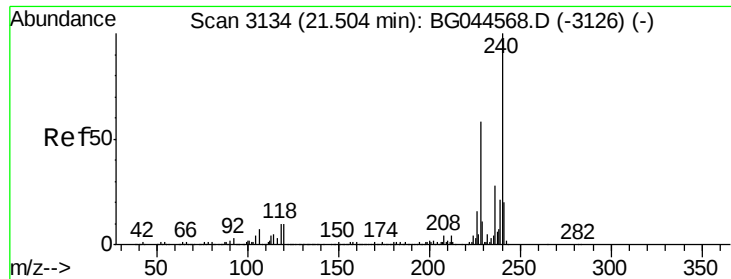
Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	4.0	6.0#



#75
Fluoranthene
Concen: 0.002 ng
RT: 19.69 min Scan# 2825
Delta R.T. 0.37 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	0.0	0.0	39.2

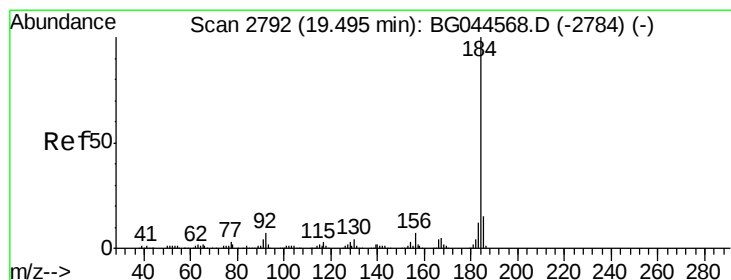
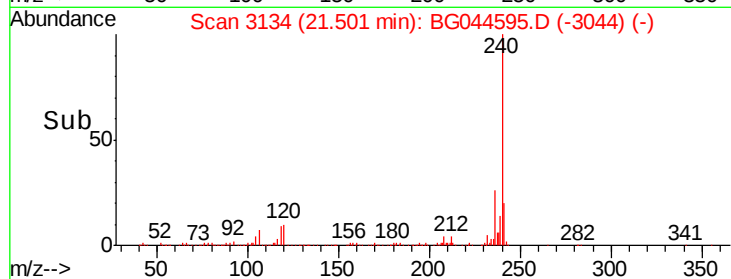
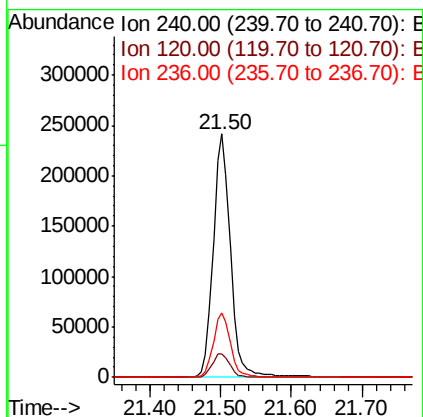
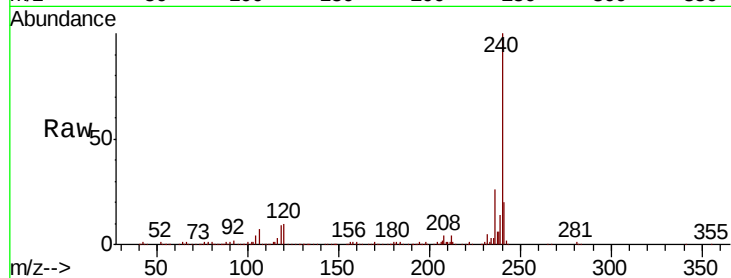




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

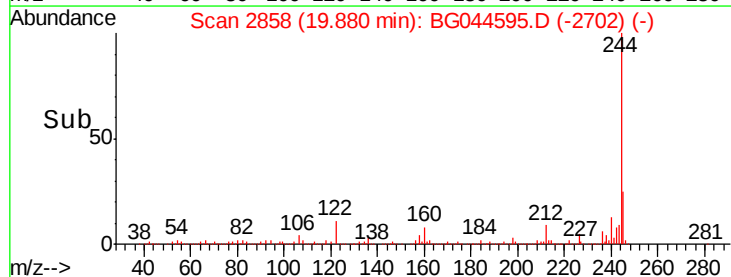
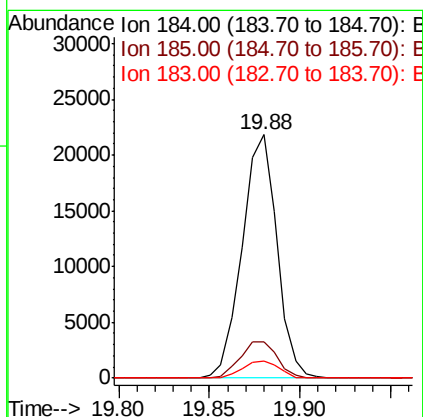
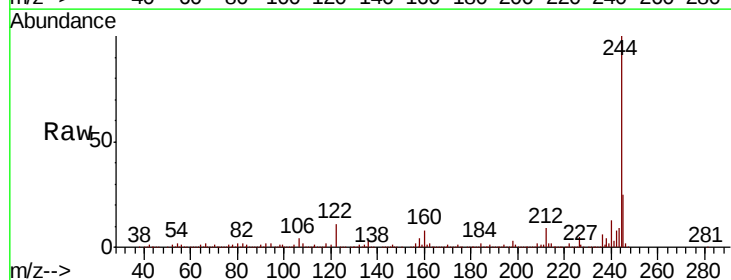
Instrument :
BNA_G
ClientSampleId :

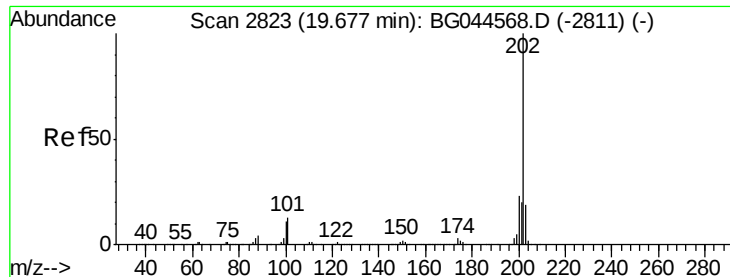
Tot Ion:240 Resp: 411266
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.3 22.3 33.5



#77
Benzidine
Concen: 2.066 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.39 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion:184 Resp: 29110
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 6.9 9.9 14.9#





#78

Pvrene

Concen: 0.229 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.20 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

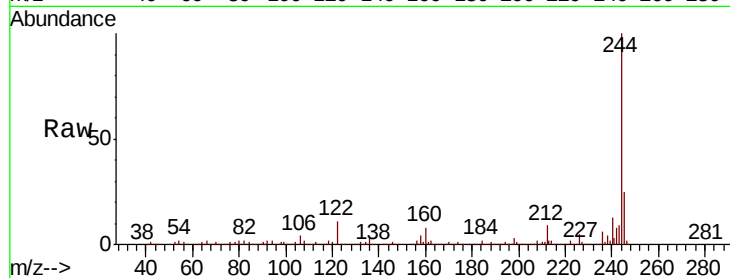
Tot Ion:202 Resp: 6829

Ion Ratio Lower Upper

202 100

200 55.1 18.6 28.0#

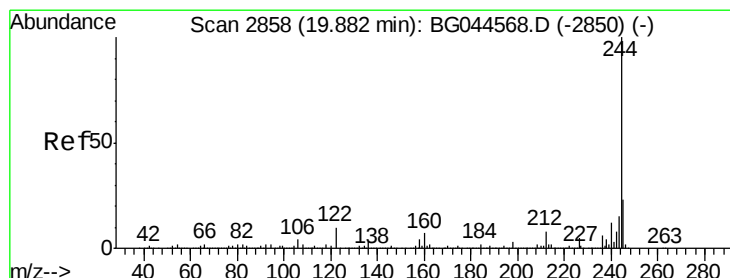
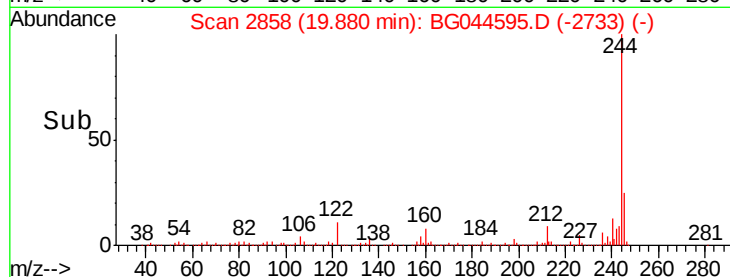
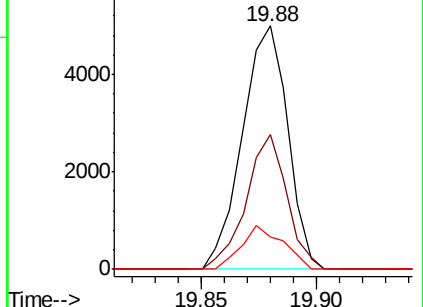
203 13.2 15.3 22.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 85.080 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

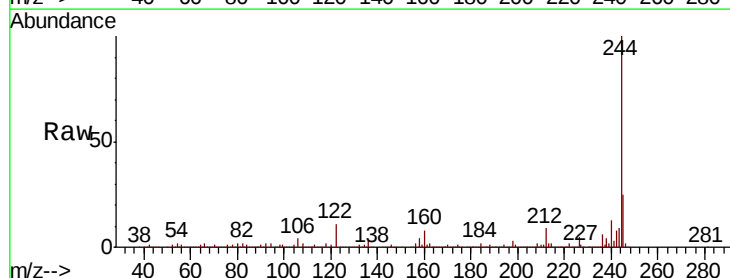
Tgt Ion:244 Resp: 1848360

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

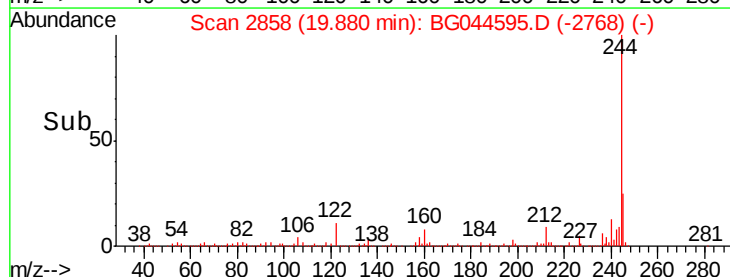
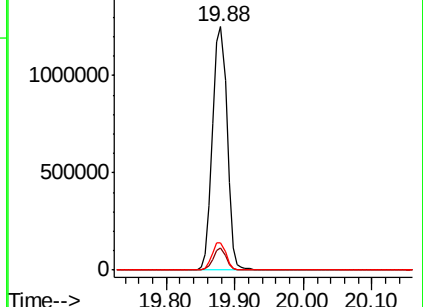
122 11.5 8.2 12.4

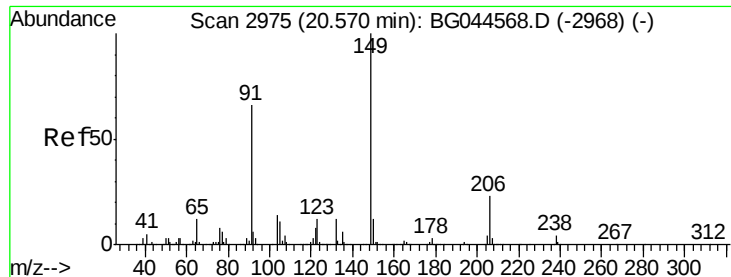


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.020 ng

RT: 20.56 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampled :

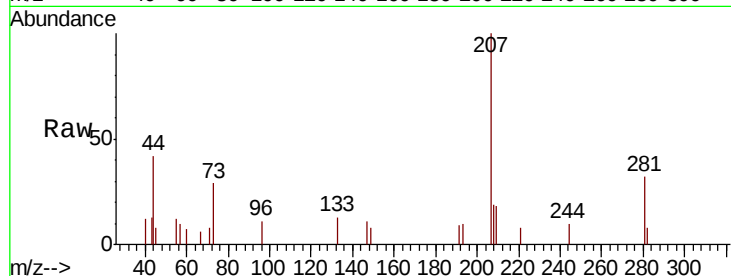
Tot Ion:149 Resp: 256

Ion Ratio Lower Upper

149 100

91 0.0 52.7 79.1#

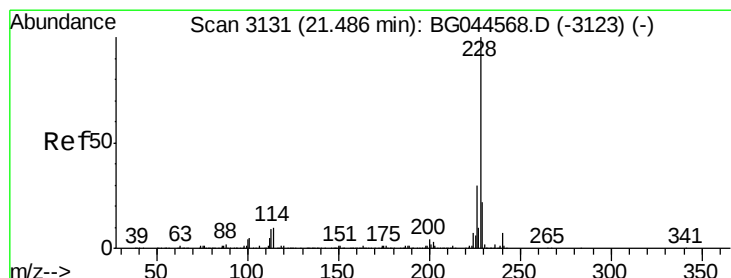
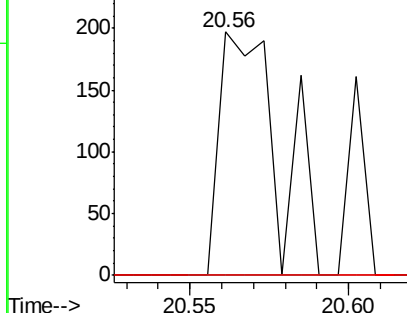
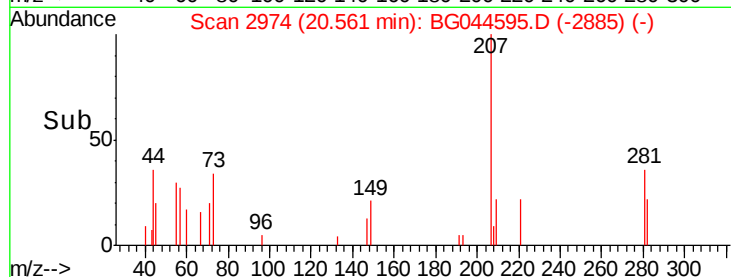
206 0.0 18.6 28.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.02 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

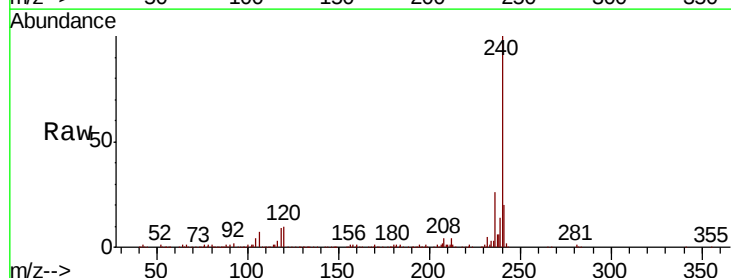
Tgt Ion:228 Resp: 1469

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

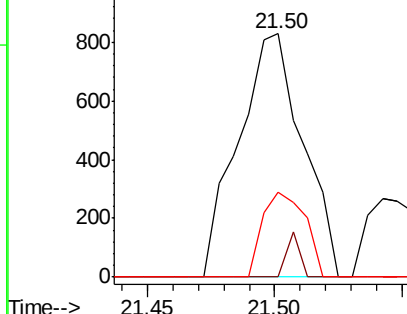
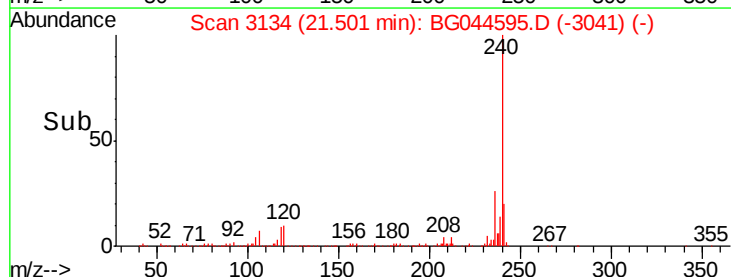
229 34.7 17.2 25.8#

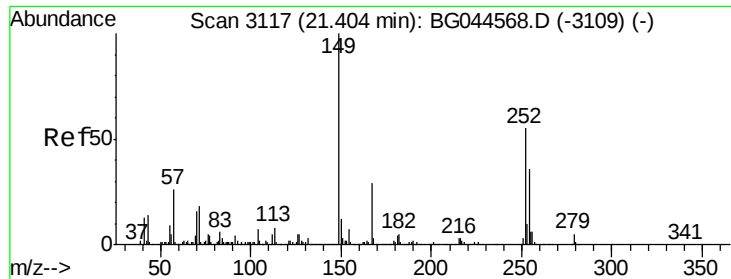


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

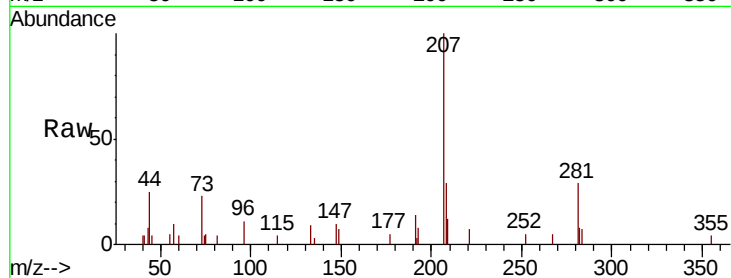




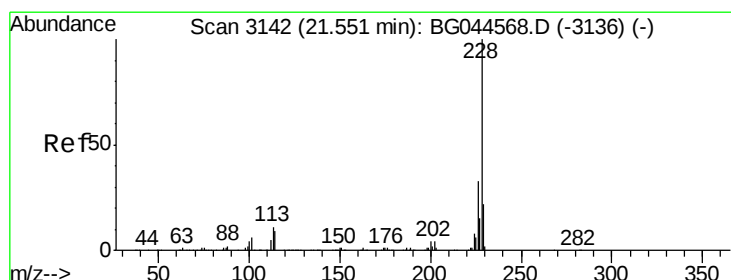
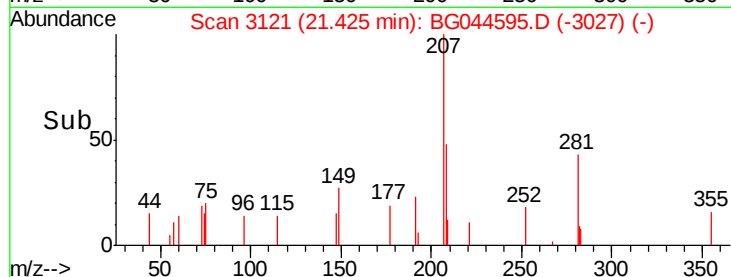
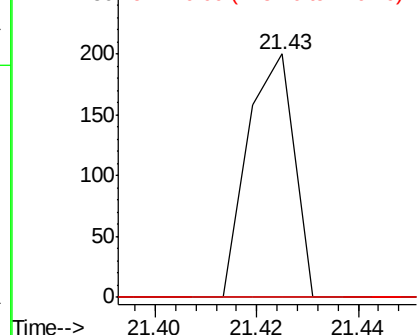
#82
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.43 min Scan# 3121
 Delta R.T. 0.02 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 126
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.5 77.3#
 126 0.0 7.8 11.6#

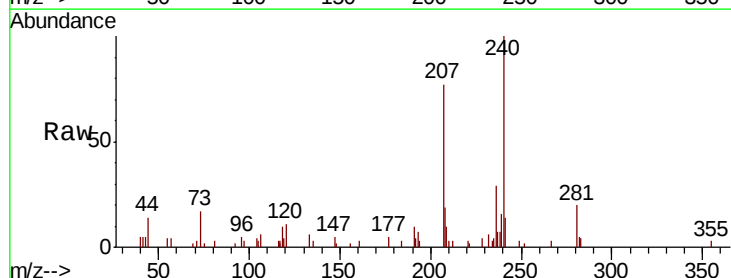


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

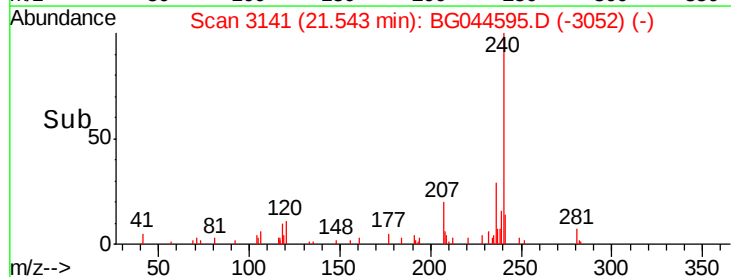
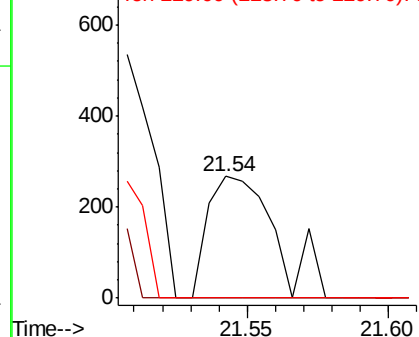


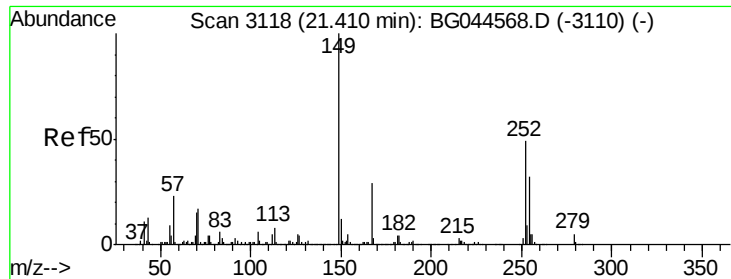
#83
 Chrysene
 Concen: 0.016 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion:228 Resp: 445
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.1 39.1#
 229 0.0 17.2 25.8#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

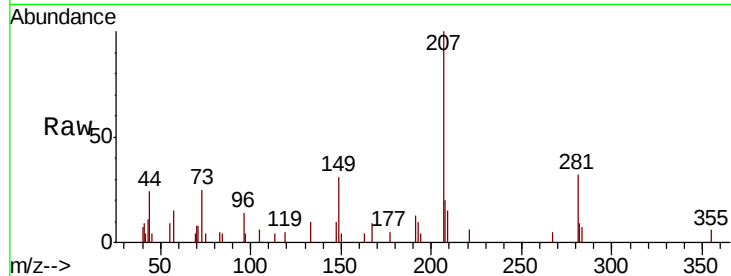




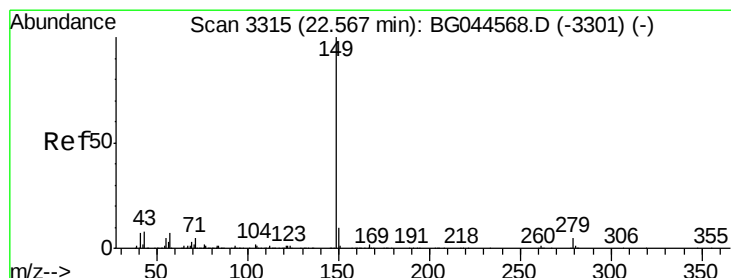
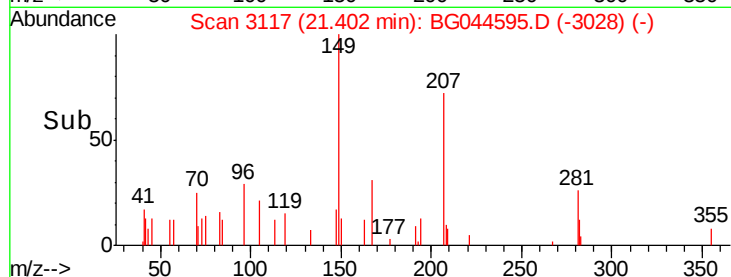
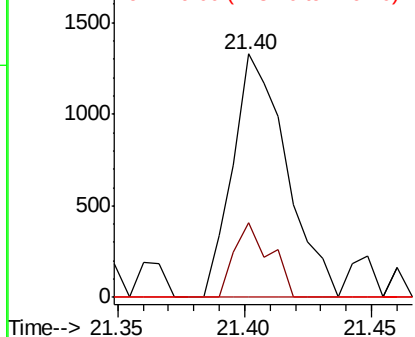
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1963
 Ion Ratio Lower Upper
 149 100
 167 30.8 23.4 35.0
 279 0.0 4.2 6.4#

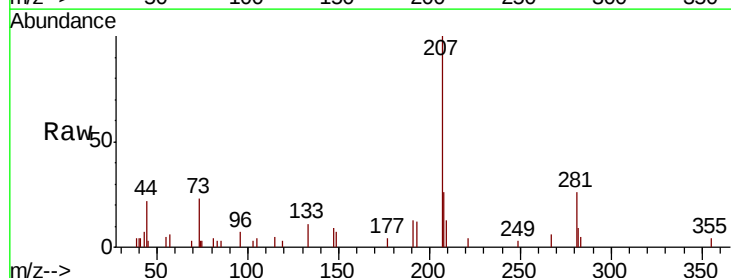


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

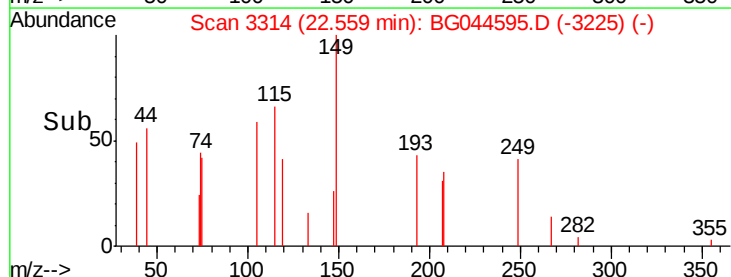
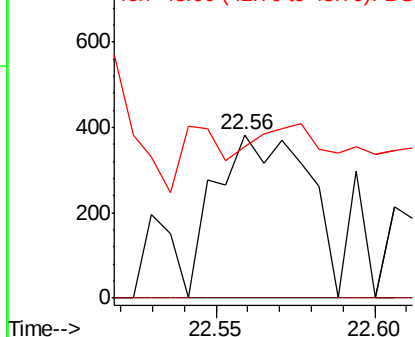


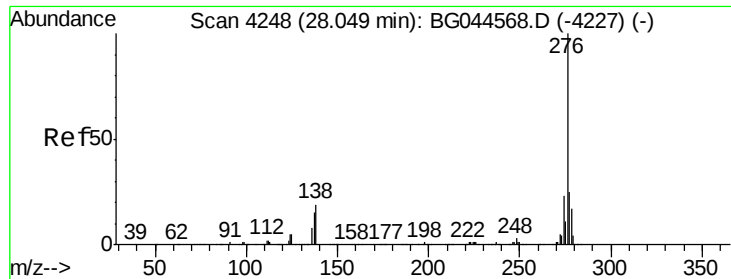
#85
 Di-n-octyl phthalate
 Concen: 0.024 ng
 RT: 22.56 min Scan# 3314
 Delta R.T. -0.01 min
 Lab File: BG044595.D
 Acq: 26 Feb 2020 3:11

Tgt Ion:149 Resp: 771
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 6.6 10.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

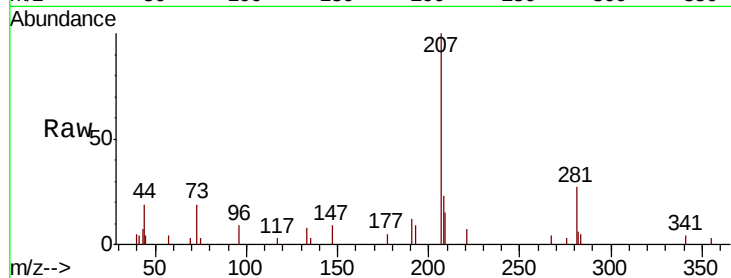




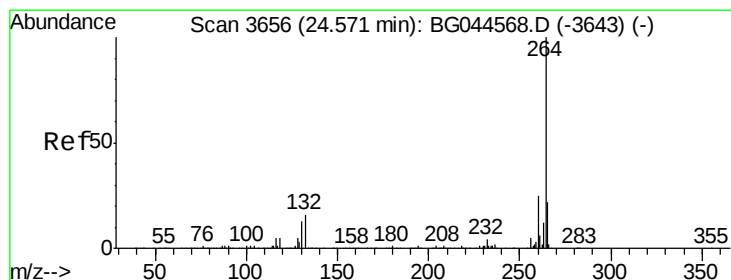
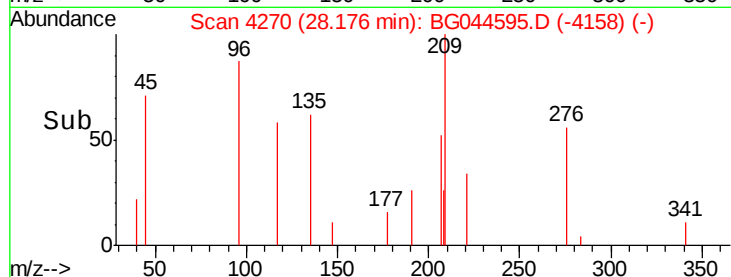
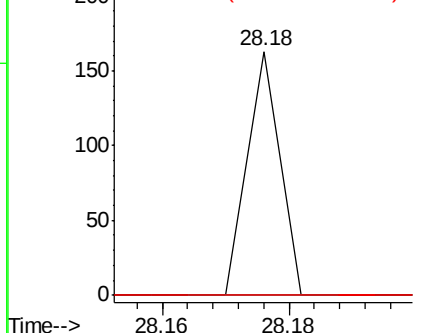
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.13 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 57
Ion Ratio Lower Upper
276 100
138 0.0 18.2 27.4#
277 0.0 20.7 31.1#

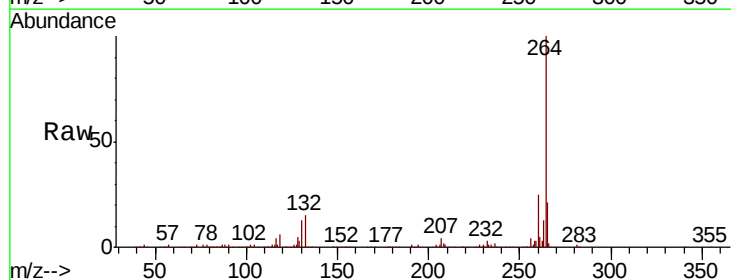


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

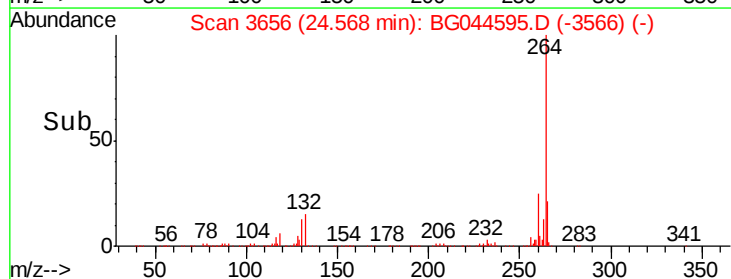
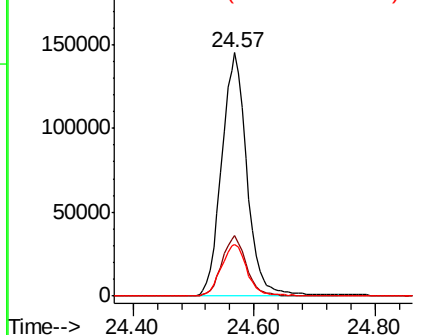


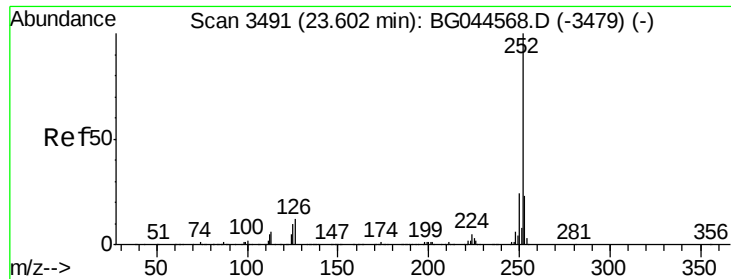
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion:264 Resp: 422900
Ion Ratio Lower Upper
264 100
260 25.0 19.7 29.5
265 21.4 17.8 26.8



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

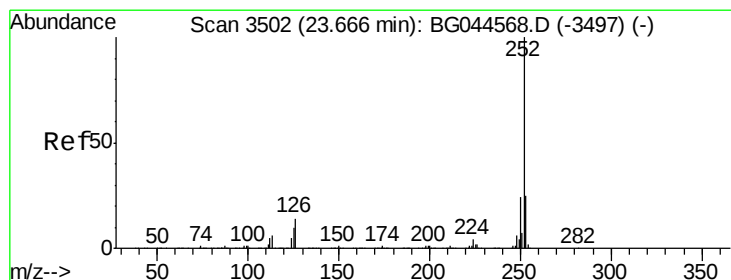
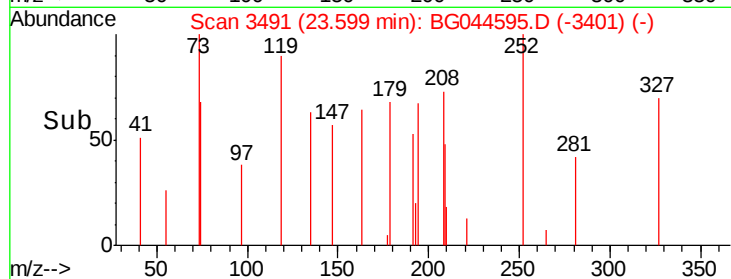
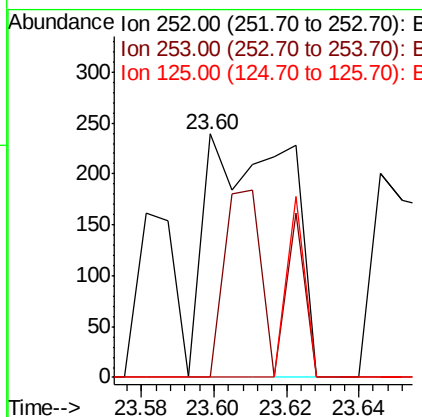
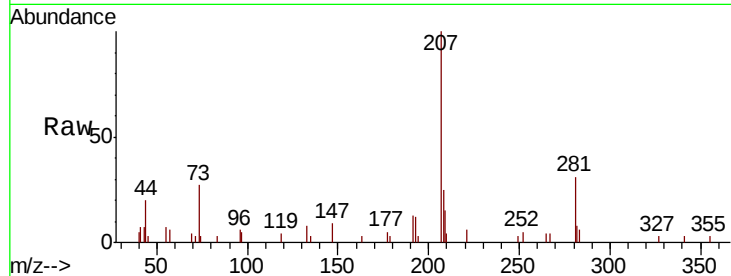




#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 23.60 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

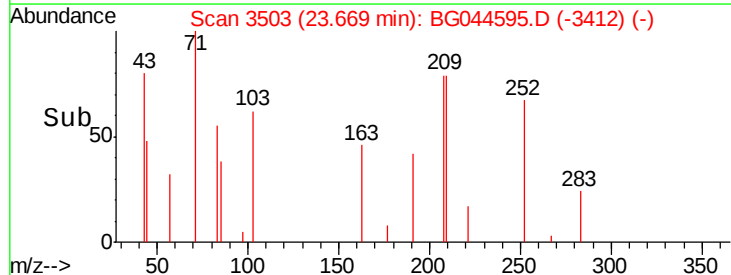
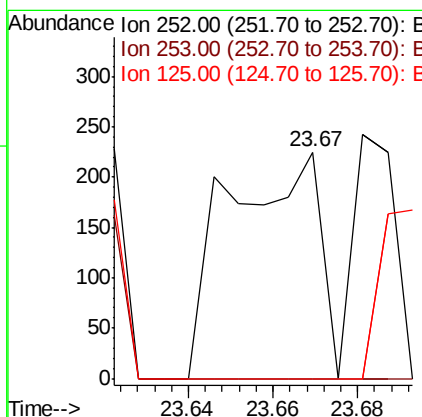
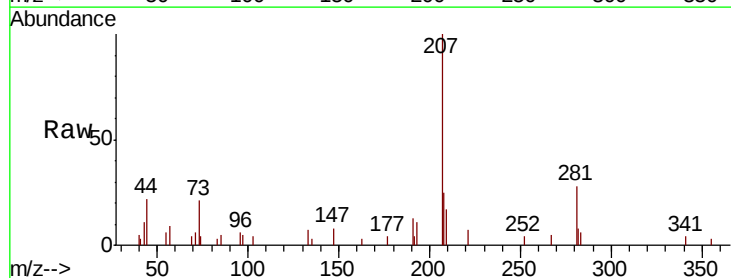
Instrument :
BNA_G
ClientSampleId :

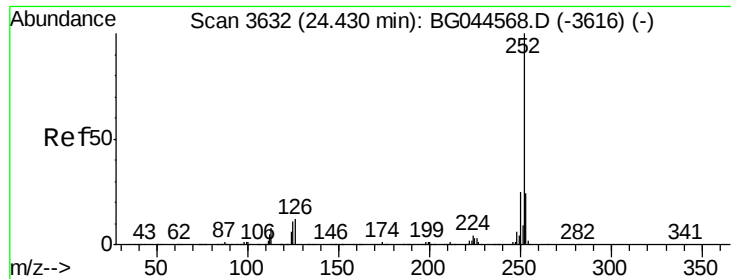
Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	7.9	11.9#



#89
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044595.D
Acq: 26 Feb 2020 3:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.6#
125	0.0	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.43 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BG044595.D

Acq: 26 Feb 2020 3:11

Instrument :

BNA_G

ClientSampleId :

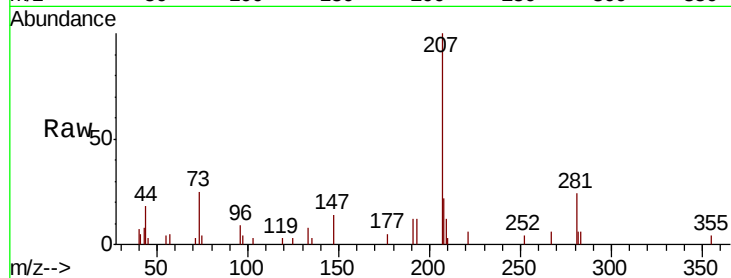
Tot Ion: 252 Resp: 133

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

125 85.0 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

