

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044586.D
 Acq On : 25 Feb 2020 21:15
 Operator : CG/JU
 Sample : L1656-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:02:28 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	7.87	152	62883	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	251161	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	168072	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	397775	20.00	ng	0.00
76) Chrysene-d12	21.50	240	381987	20.00	ng	0.00
87) Perylene-d12	24.57	264	419744	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	388813	99.21	ng	0.00
7) Phenol-d6	7.05	99	496426	92.54	ng	0.00
23) Nitrobenzene-d5	9.03	82	298276	61.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	216390	90.80	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	715436	60.96	ng	0.00
79) Terphenyl-d14	19.88	244	1314189	65.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	57	0.033	ng	# 1
3) Pyridine	3.99	79	60	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.66	42	54	0.030	ng	# 1
9) Benzaldehyde	7.05	77	527	0.167	ng	# 1
10) Phenol	7.07	94	3975	0.765	ng	# 18
15) Benzyl Alcohol	8.19	79	5129	1.418	ng	# 39
19) n-Nitroso-di-n-propylamine	9.03	70	36752	10.658	ng	# 78
24) Nitrobenzene	9.03	77	992	0.210	ng	# 36
25) Isophorone	9.65	82	189	0.021	ng	# 65
46) 1,1'-Biphenyl	13.35	154	1612	0.116	ng	# 90
48) 2-Nitroaniline	13.13	65	1094	0.361	ng	# 7
50) Dimethylphthalate	13.98	163	23057	1.700	ng	# 96
51) 2,6-Dinitrotoluene	14.52	165	21572	7.210	ng	# 31
52) Acenaphthene	14.52	154	605	0.059	ng	# 5
57) 2,4-Dinitrotoluene	14.52	165	21572	5.129	ng	# 29
58) Fluorene	16.00	166	9144	0.733	ng	# 95
60) Diethylphthalate	15.34	149	92	0.007	ng	# 57
63) Azobenzene	16.01	77	1011	0.088	ng	# 11
65) 4,6-Dinitro-2-methylphenol	16.01	198	487	0.198	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	7234	0.583	ng	# 51
67) 4-Bromophenyl-phenylether	16.01	248	14854	3.008	ng	# 1
71) Phenanthrene	17.30	178	66	0.003	ng	# 58
72) Anthracene	17.30	178	66	0.003	ng	# 59
74) Di-n-butylphthalate	18.23	149	930	0.038	ng	# 77
75) Fluoranthene	19.33	202	356	0.014	ng	# 62
77) Benzdine	19.88	184	19138	1.463	ng	# 92
78) Pyrene	19.69	202	223	0.008	ng	# 55
80) Butylbenzylphthalate	20.57	149	309	0.025	ng	# 26
81) Benzo(a)anthracene	21.50	228	1432	0.053	ng	# 49
83) Chrysene	21.54	228	532	0.020	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.41	149	2440	0.146	ng	# 94
85) Di-n-octyl phthalate	22.56	149	1011	0.034	ng	# 80
88) Benzo(b)fluoranthene	23.61	252	541	0.020	ng	# 59
89) Benzo(k)fluoranthene	23.66	252	411	0.015	ng	# 58

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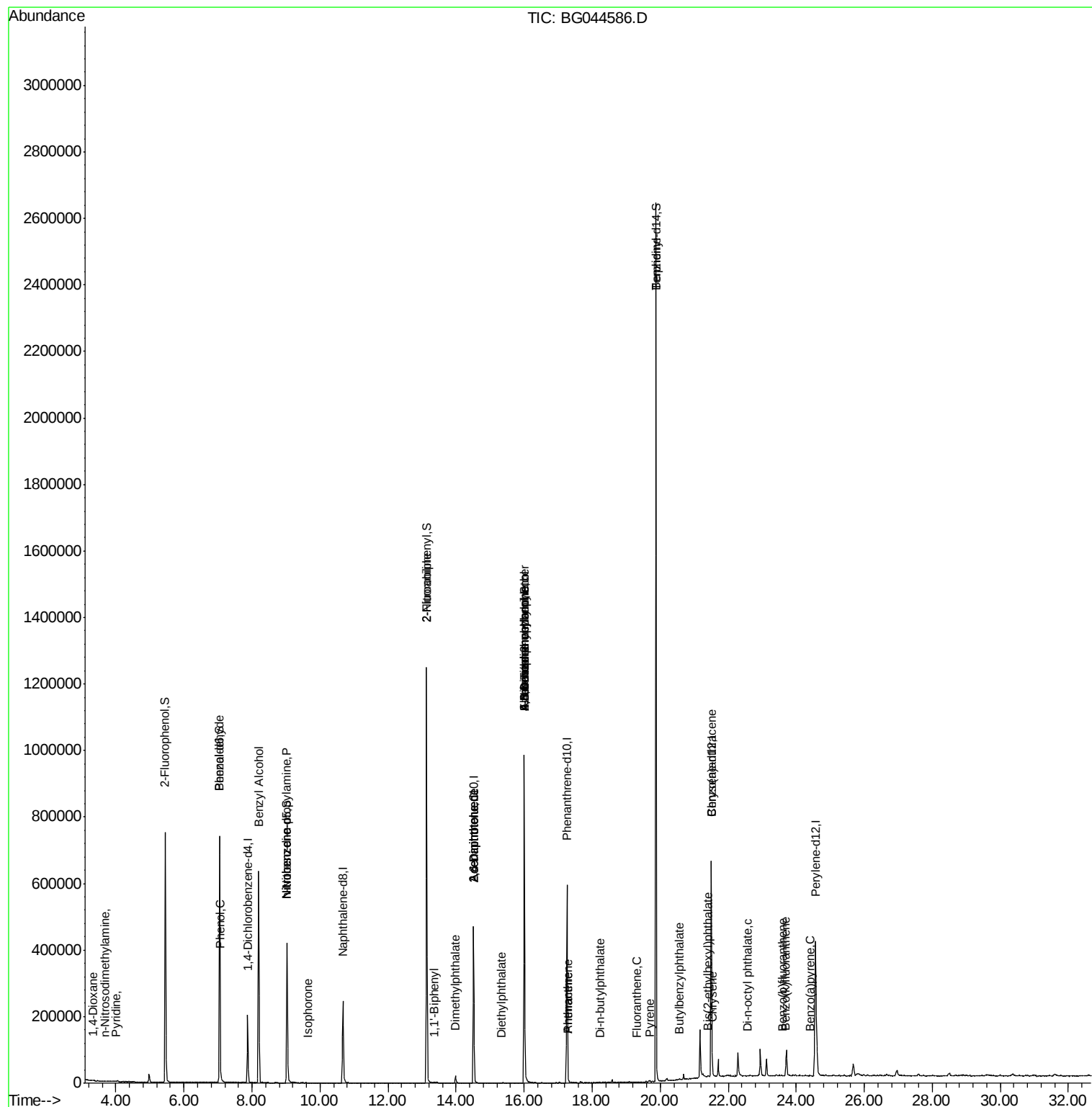
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.42	252	243	0.009	ng	# 6

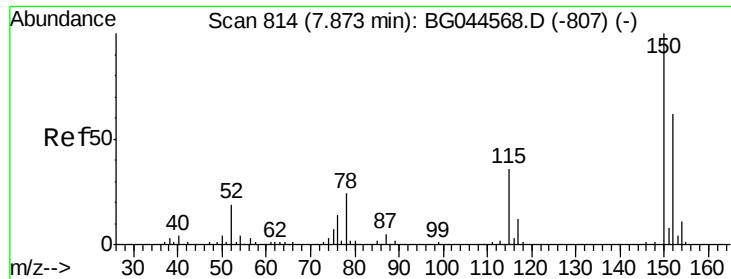
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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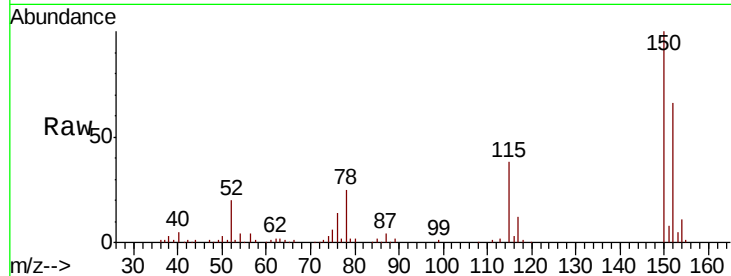


#1

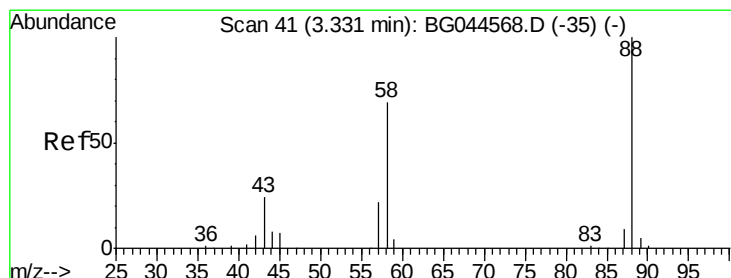
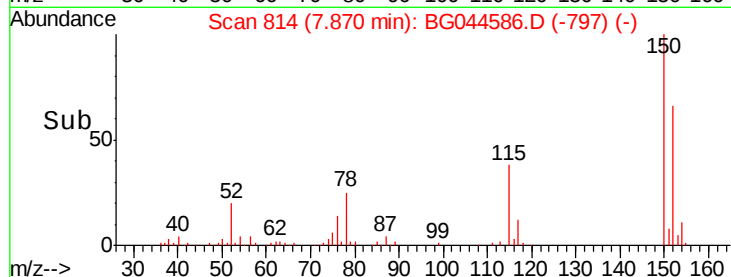
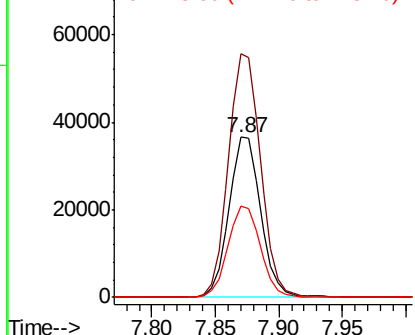
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62883
Ion Ratio Lower Upper
152 100
150 152.0 128.9 193.3
115 57.1 47.0 70.4



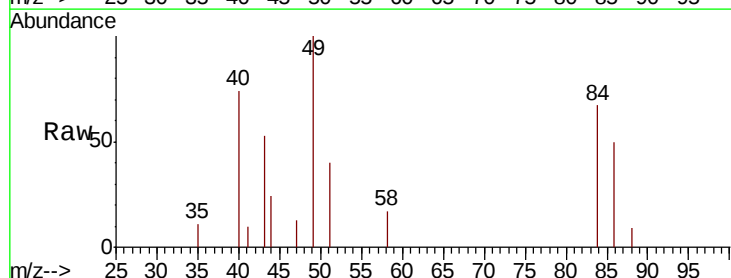
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



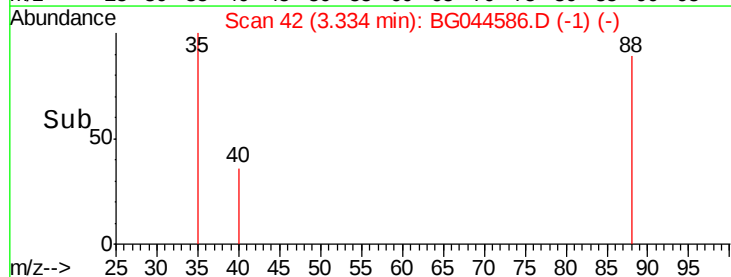
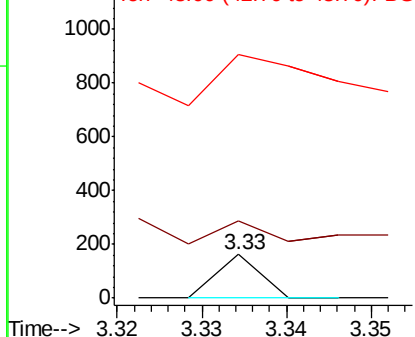
#2

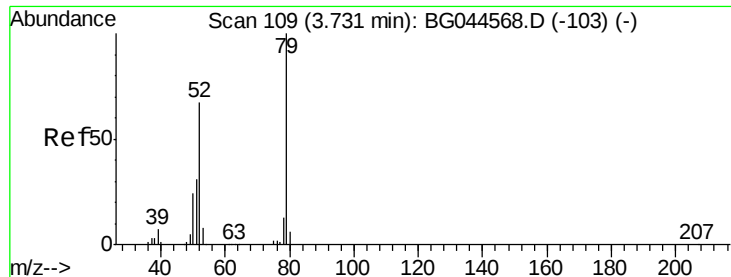
1,4-Dioxane
Concen: 0.033 ng
RT: 3.33 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 55.8 83.8#
43 570.2 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





#3

Pvridine

Concen: 0.013 ng

RT: 3.99 min Scan# 154

Delta R.T. 0.26 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampled :

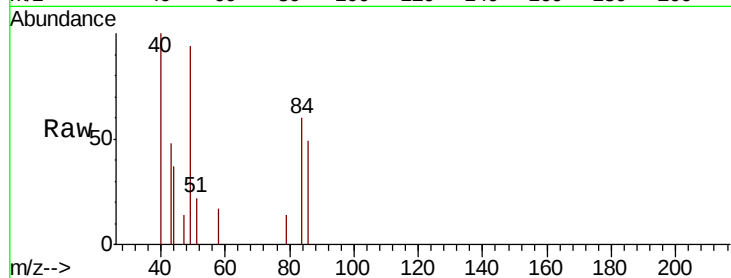
Tot Ion: 79 Resp: 60

Ion Ratio Lower Upper

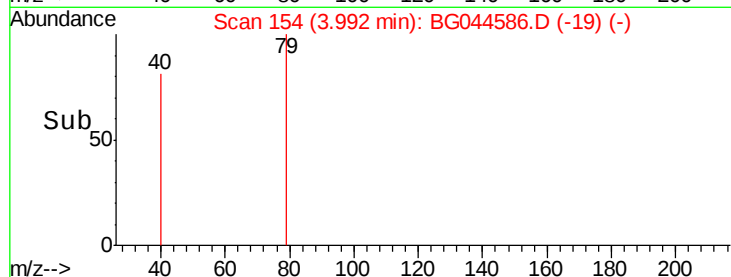
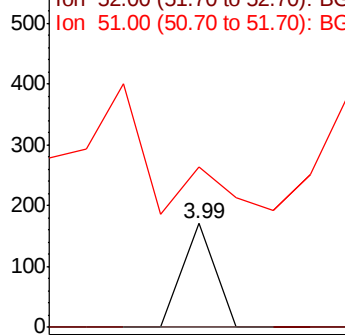
79 100

52 0.0 53.7 80.5#

51 155.0 25.4 38.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.02 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

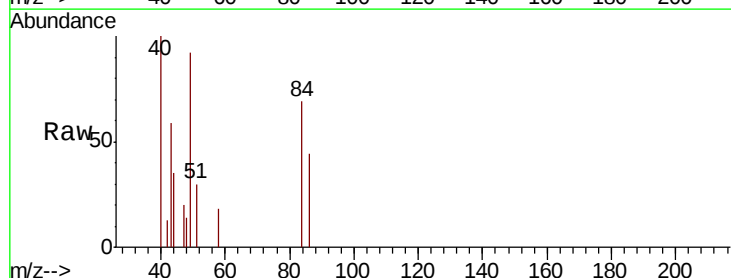
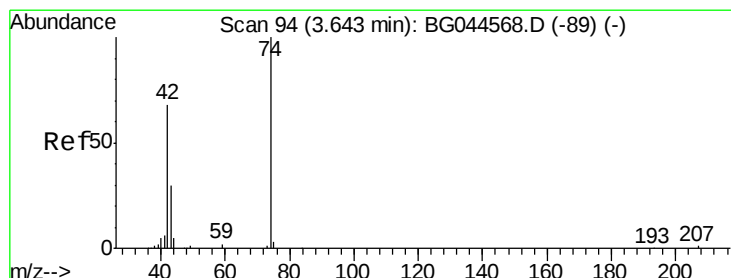
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

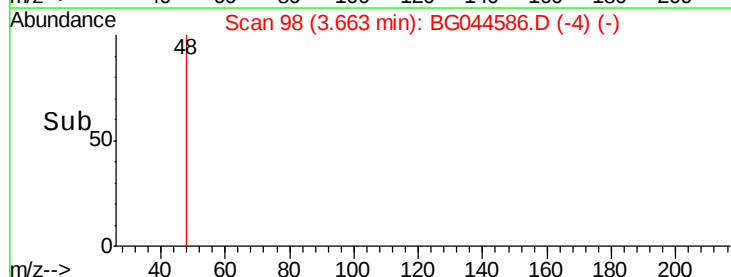
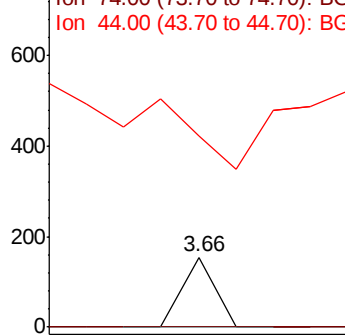
42 100

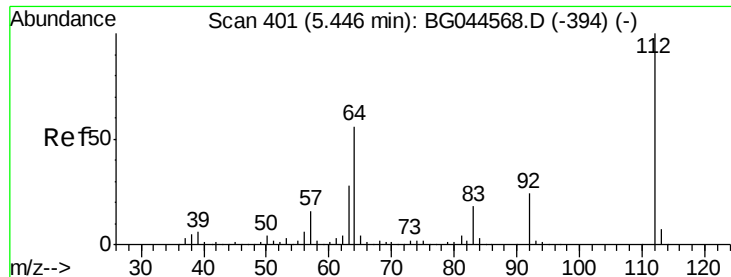
74 0.0 117.6 176.4#

44 274.0 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





#5

2-Fluorophenol

Concen: 99.206 ng

RT: 5.45 min Scan# 402

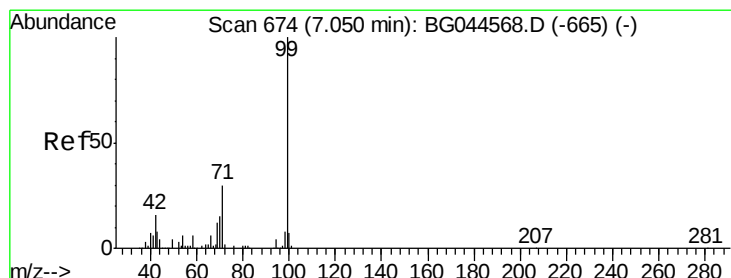
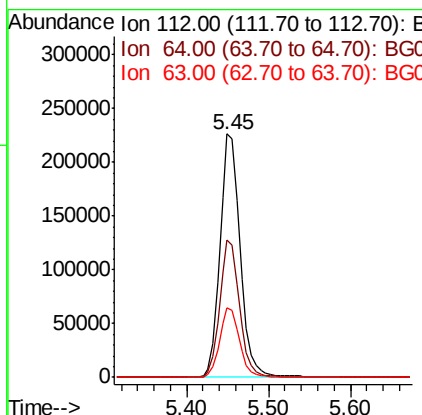
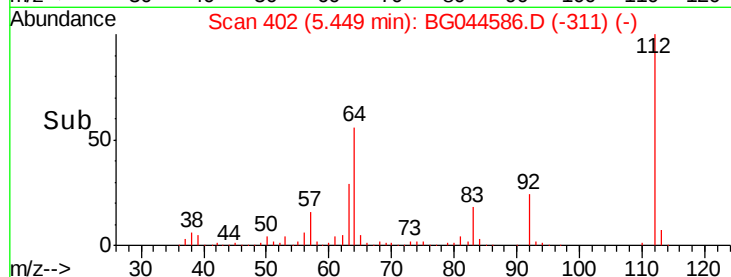
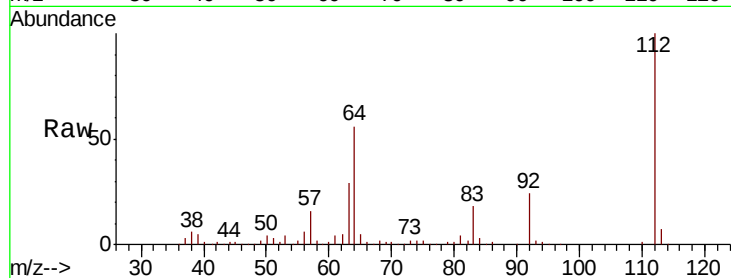
Delta R.T. 0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	388813
Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.8	67.2
63	28.5	22.3	33.5



#7

Phenol-d6

Concen: 92.536 ng

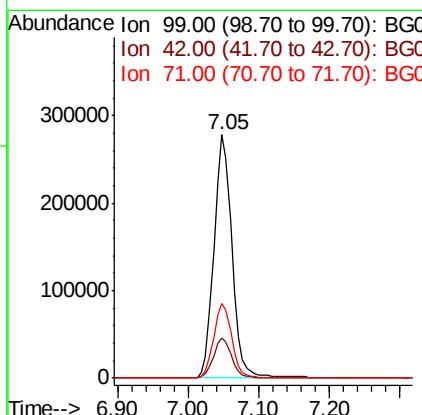
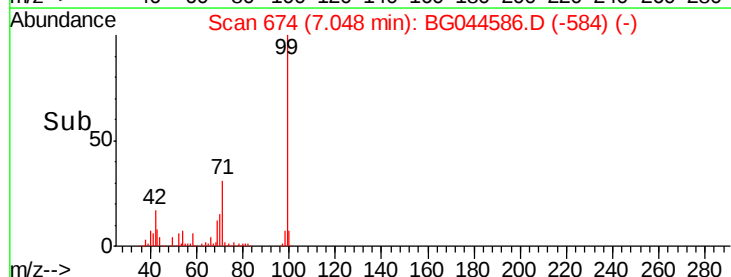
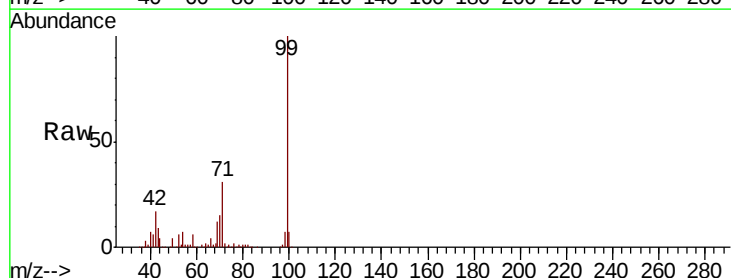
RT: 7.05 min Scan# 674

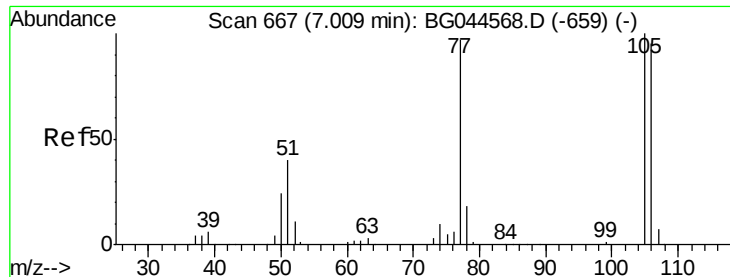
Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Tgt Ion:	99	Resp:	496426
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.8	19.2
71	30.8	24.4	36.6





#9

Benzaldehyd

Concen: 0.167 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.04 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampleId :

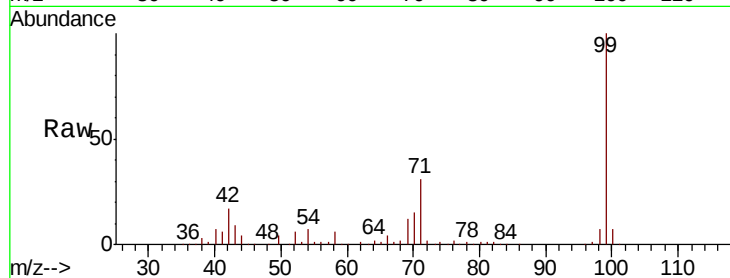
Tot Ion: 77 Resp: 527

Ion Ratio Lower Upper

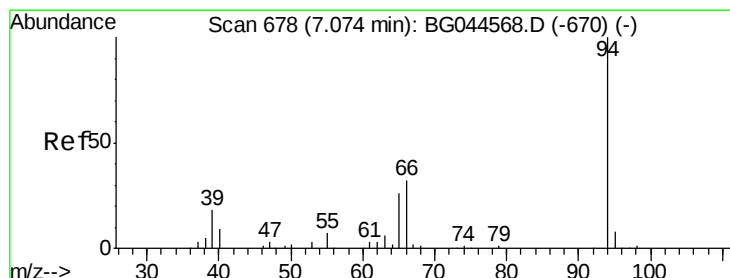
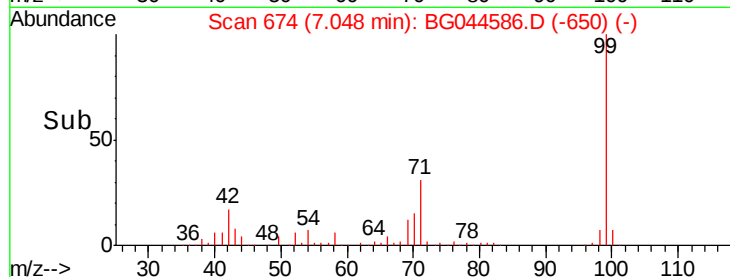
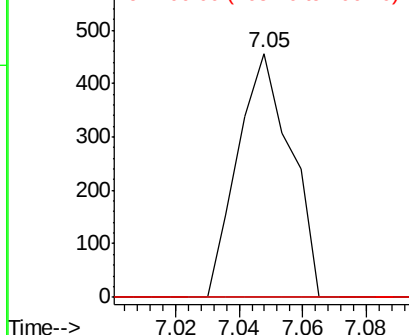
77 100

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



#10

Phenol

Concen: 0.765 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

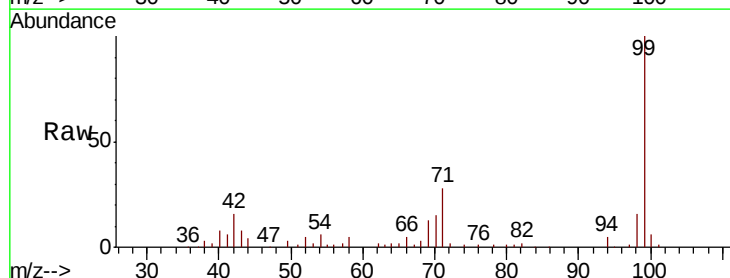
Tgt Ion: 94 Resp: 3975

Ion Ratio Lower Upper

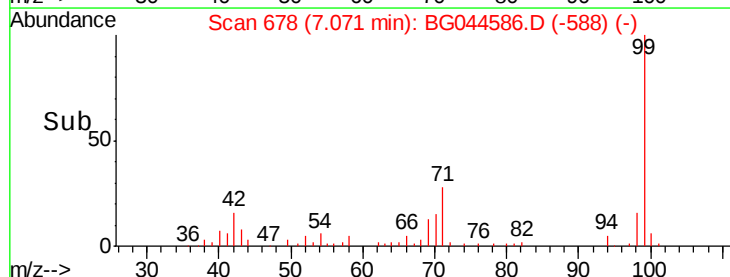
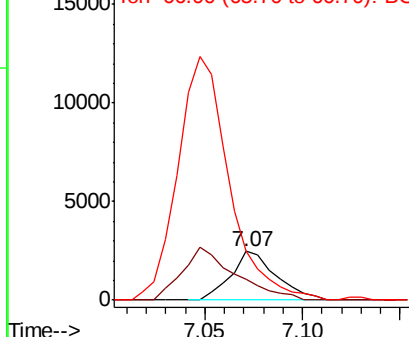
94 100

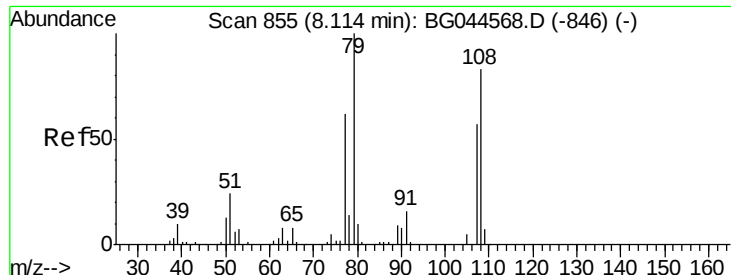
65 44.3 6.4 46.4

66 102.3 13.9 53.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 1.418 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

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ClientSampleId :

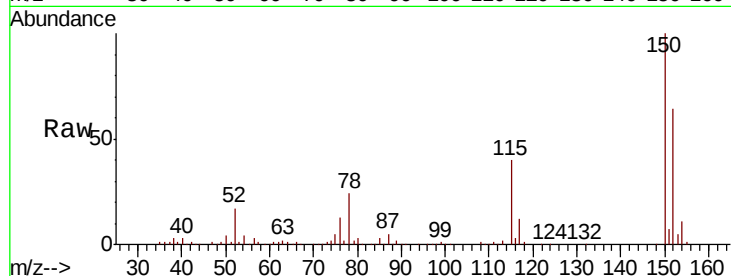
Tot Ion: 79 Resp: 5129

Ion Ratio Lower Upper

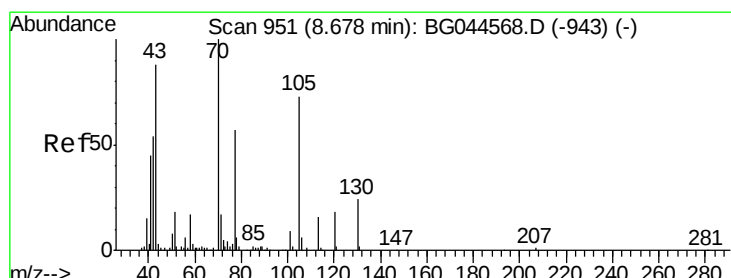
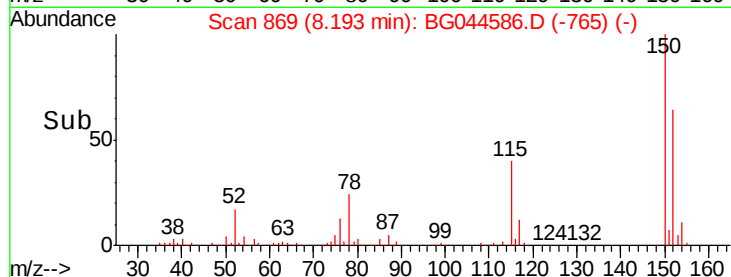
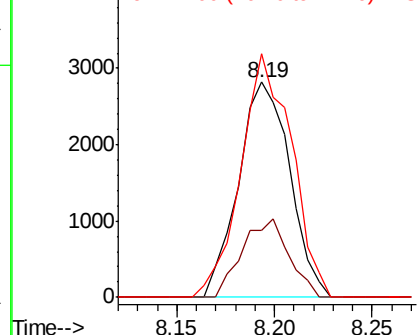
79 100

108 31.3 66.0 99.0#

77 113.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.658 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Tgt Ion: 70 Resp: 36752

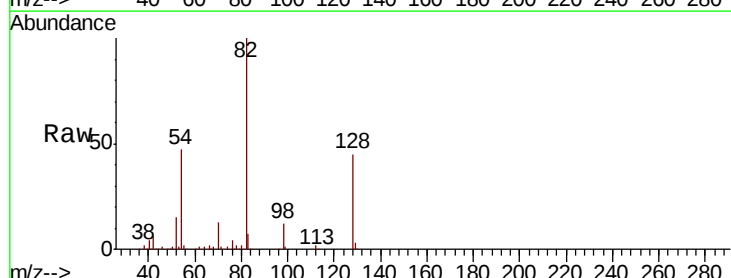
Ion Ratio Lower Upper

70 100

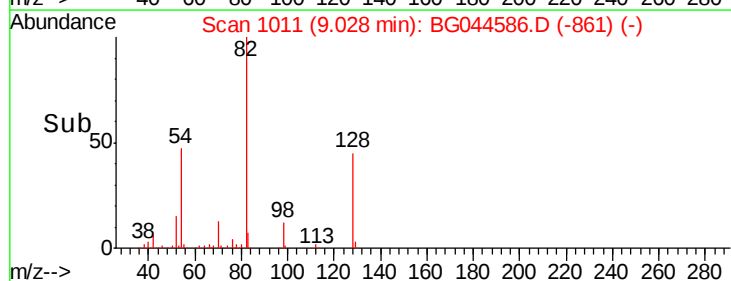
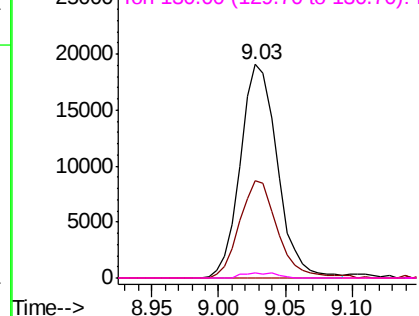
42 45.8 43.4 65.0

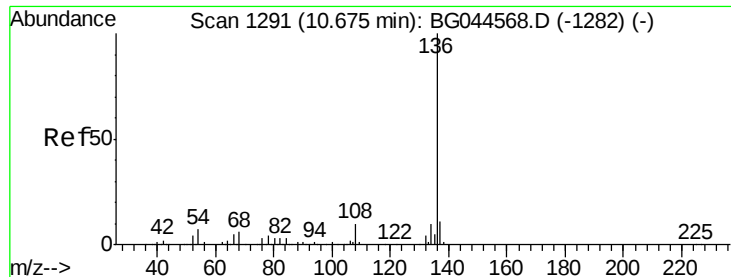
101 0.0 7.5 11.3#

130 2.2 18.9 28.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 251161

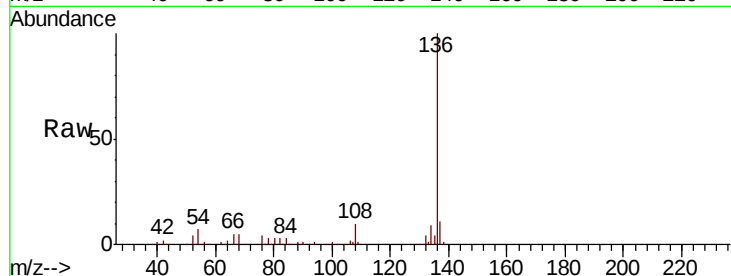
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.7 8.5

68 5.4 4.5 6.7

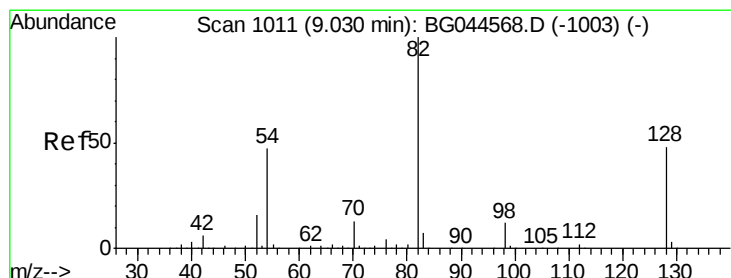
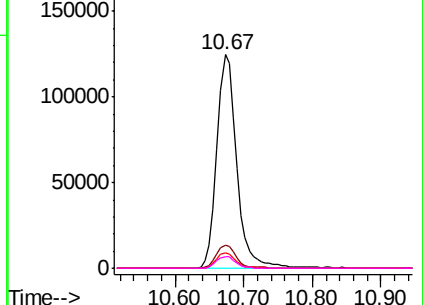
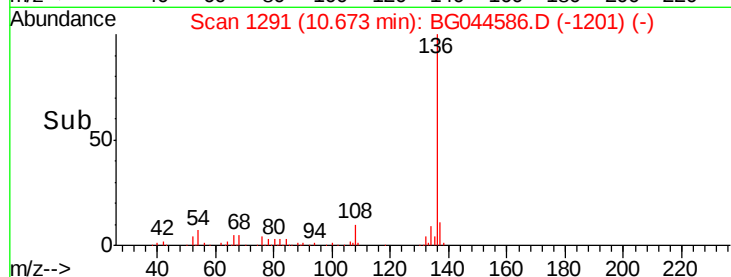


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 61.183 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

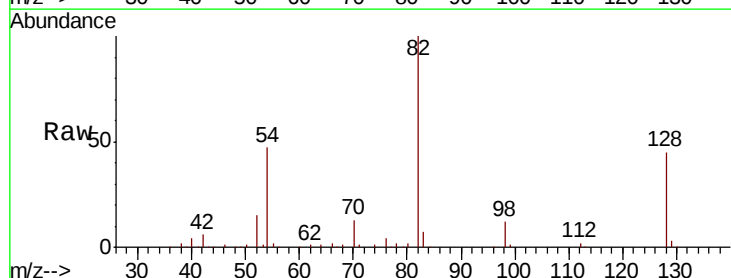
Tgt Ion: 82 Resp: 298276

Ion Ratio Lower Upper

82 100

128 45.0 38.1 57.1

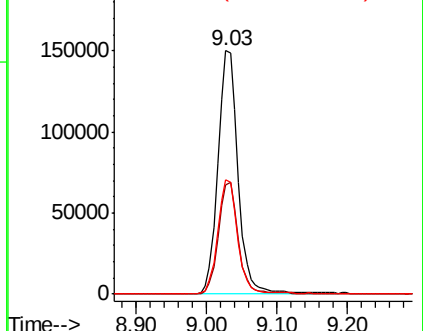
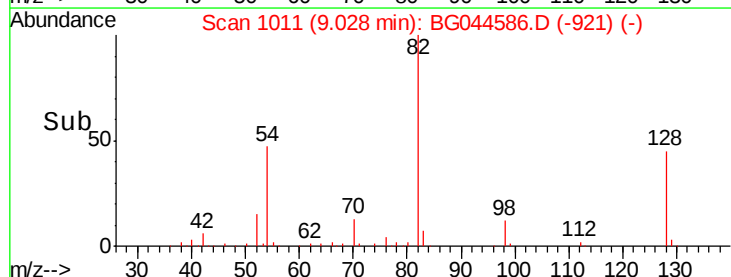
54 46.7 37.5 56.3

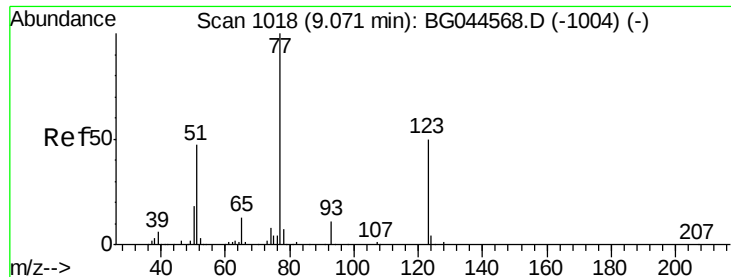


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

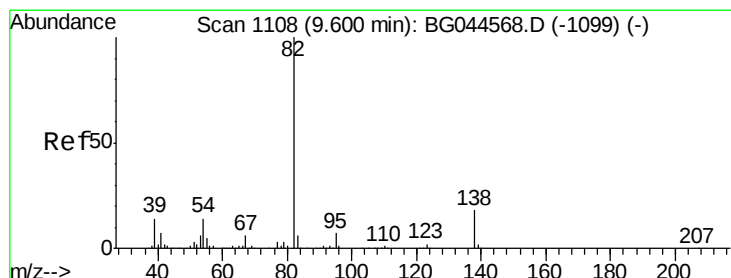
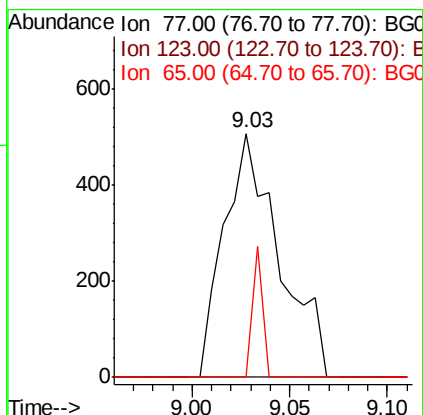
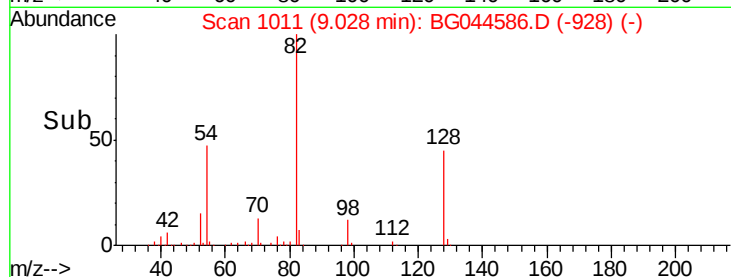
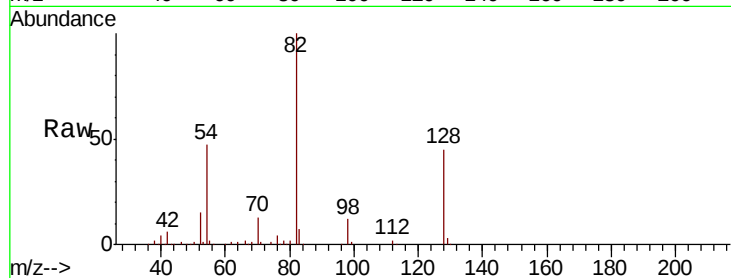




#24
Nitrobenzene
Concen: 0.210 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

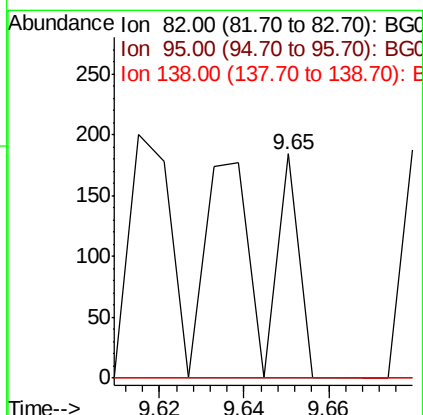
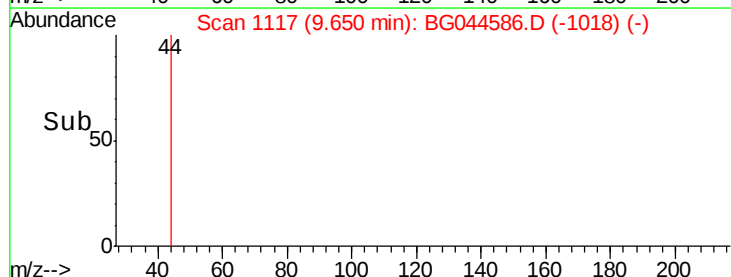
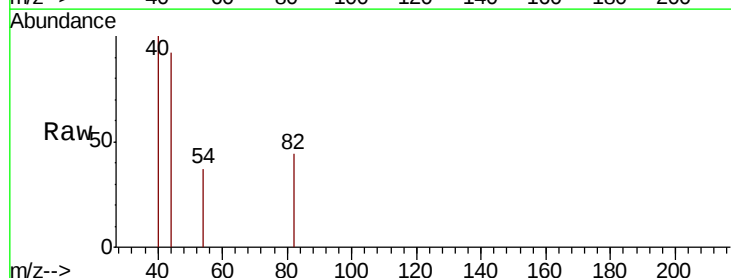
Instrument :
BNA_G
ClientSampleId :

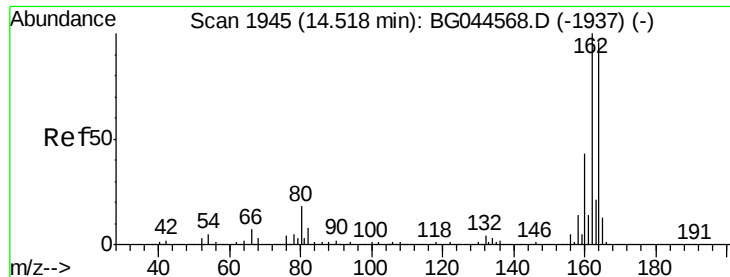
Tot Ion: 77 Resp: 992
Ion Ratio Lower Upper
77 100
123 0.0 40.1 60.1#
65 0.0 10.4 15.6#



#25
Isophorone
Concen: 0.021 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.05 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion: 82 Resp: 189
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: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampled :

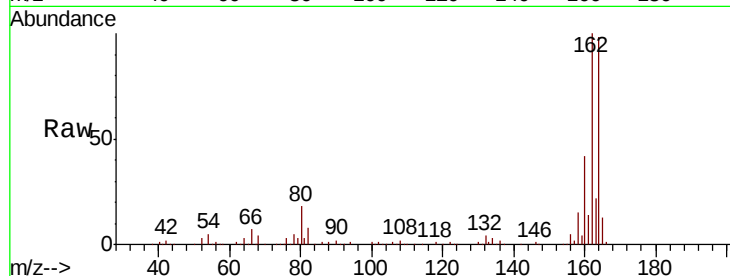
Tot Ion:164 Resp: 168072

Ion Ratio Lower Upper

164 100

162 102.2 83.6 125.4

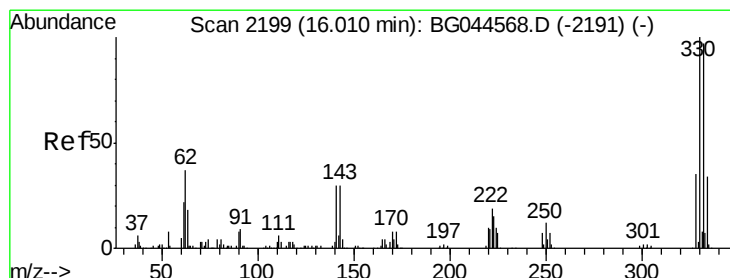
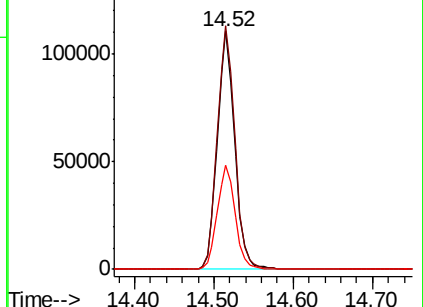
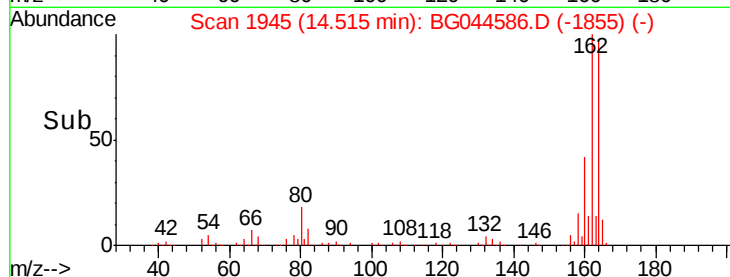
160 43.4 36.2 54.4



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: 90.801 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

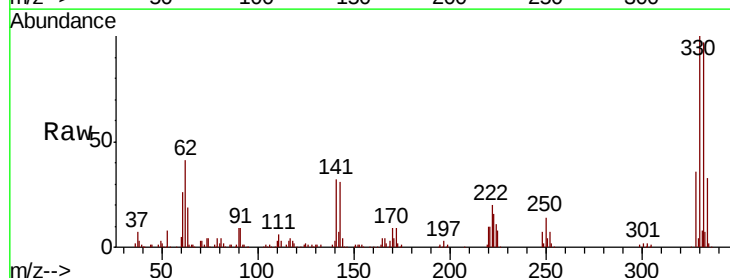
Tgt Ion:330 Resp: 216390

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

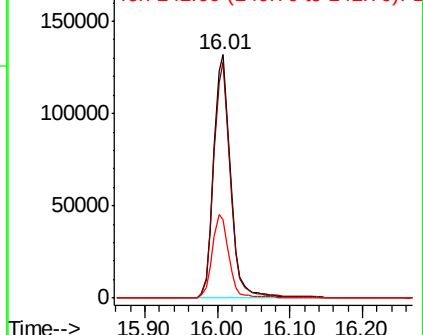
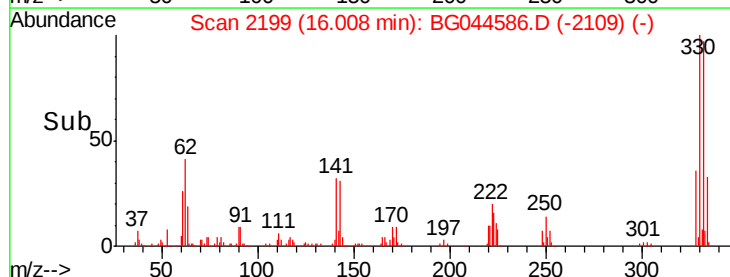
141 34.1 26.1 39.1

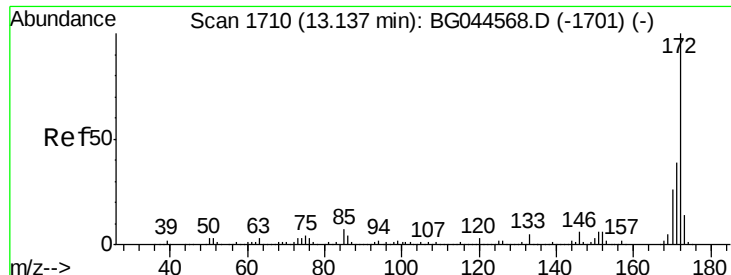


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

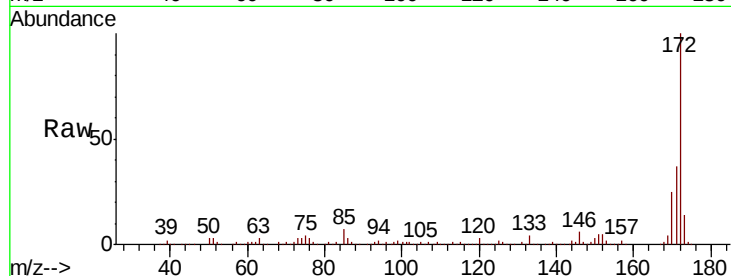




#45
 2-Fluorobiphenyl
 Concen: 60.956 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	24.9	21.0	31.4

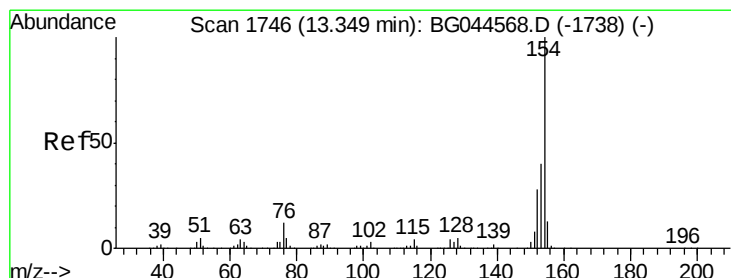
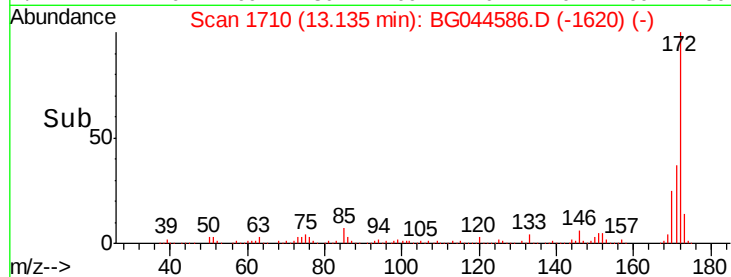
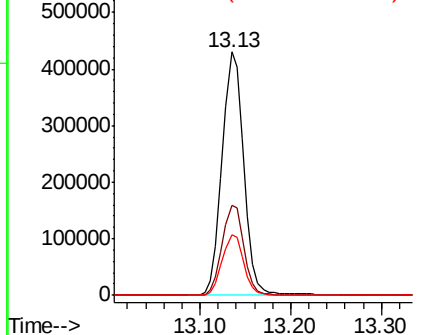


Abundance

Ion 172.00 (171.70 to 172.70): E

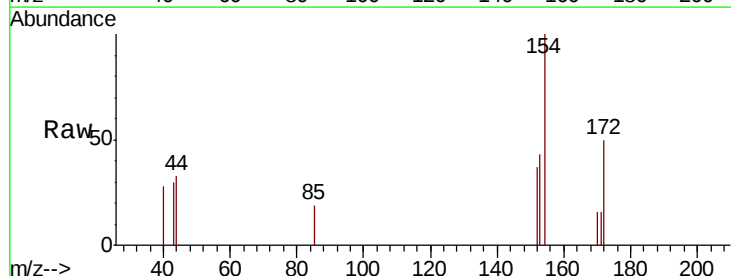
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 0.116 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	20.2	60.2
76	0.0	0.0	31.8

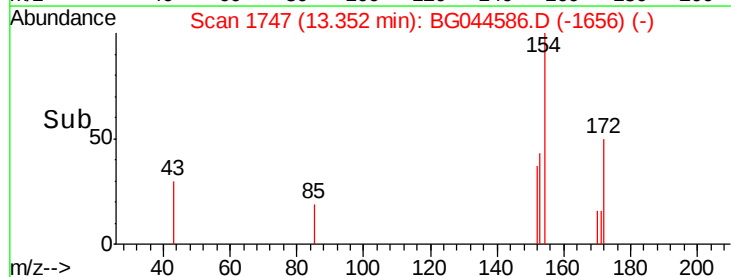
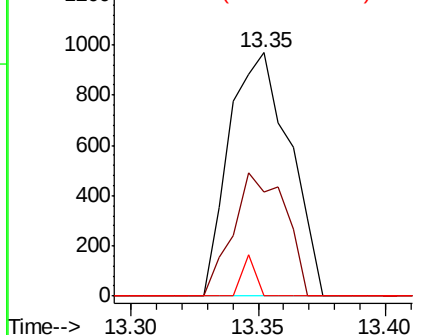


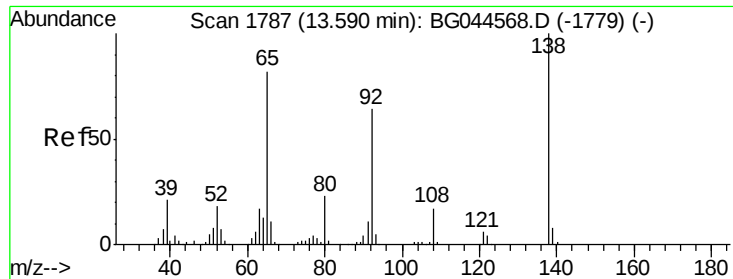
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

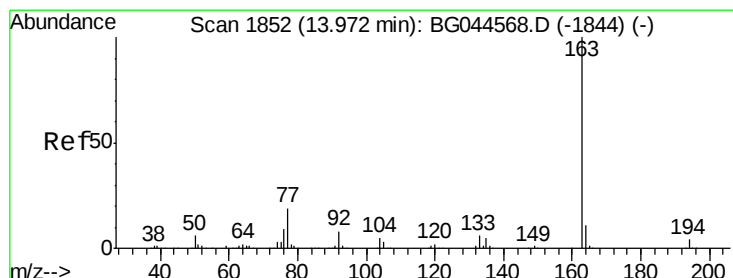
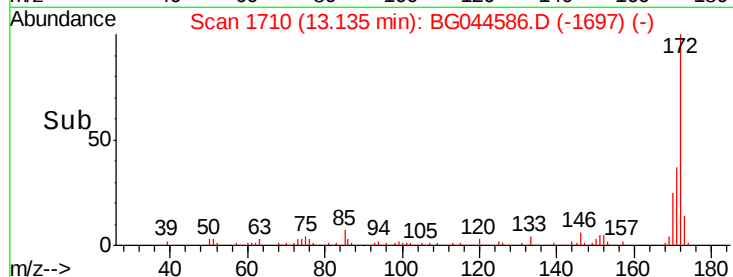
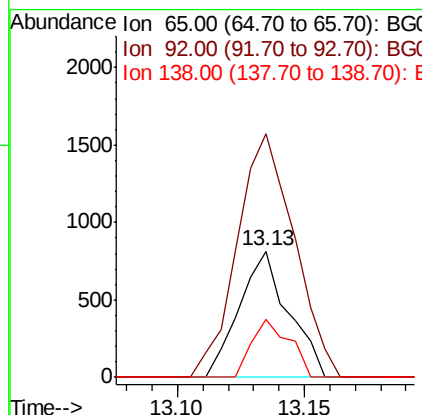
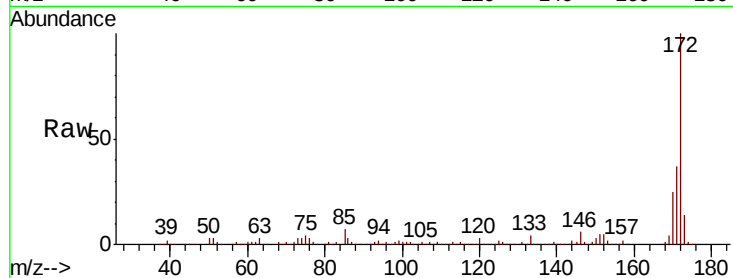




#48
 2-Nitroaniline
 Concen: 0.361 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.46 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

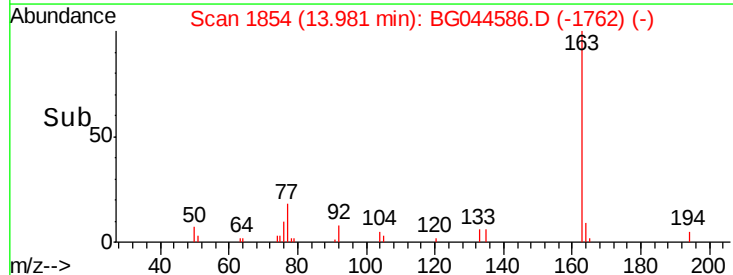
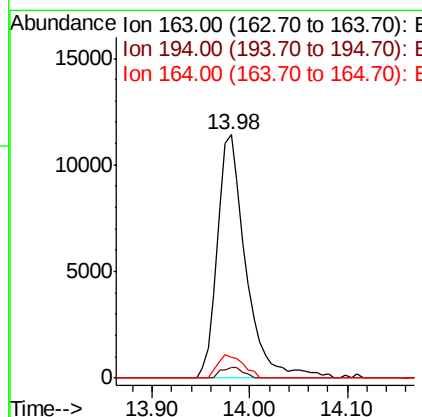
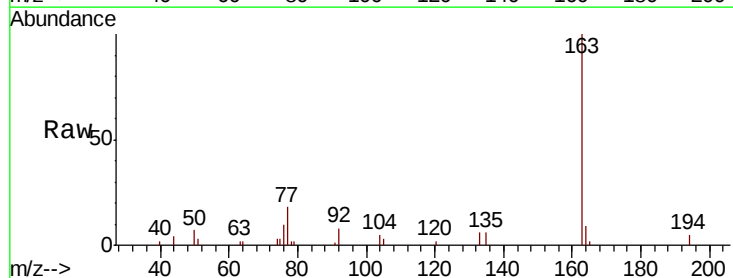
Instrument :
 BNA_G
 ClientSampleId :

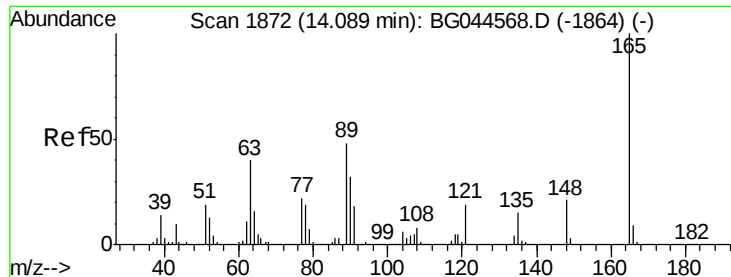
Tot Ion	Ratio	Lower	Upper
65	100		
92	192.9	62.2	93.2#
138	45.8	97.6	146.4#



#50
 Dimethylphthalate
 Concen: 1.700 ng
 RT: 13.98 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	8.8	8.7	13.1

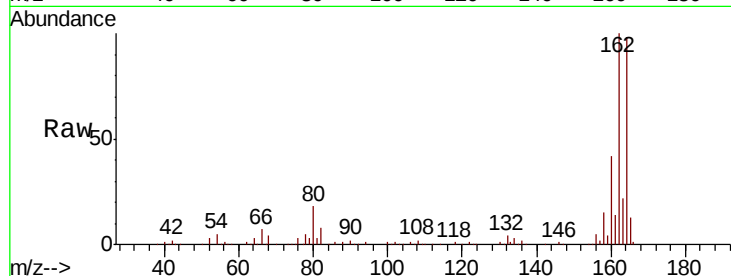




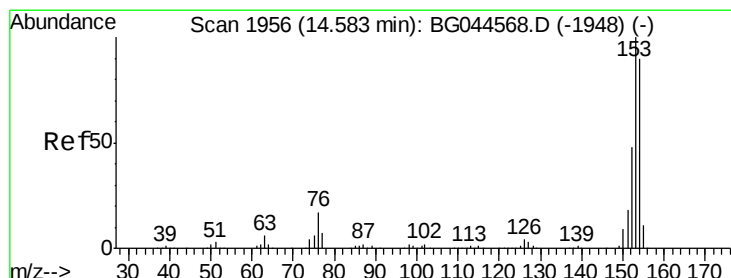
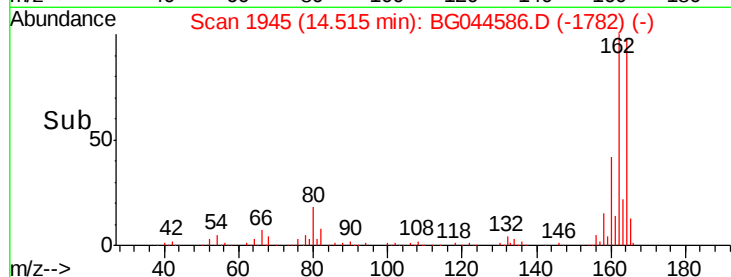
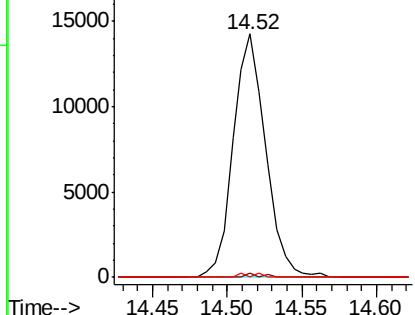
#51
2,6-Dinitrotoluene
Concen: 7.210 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.43 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 21572
Ion Ratio Lower Upper
165 100
63 1.6 35.8 53.6#
89 0.0 38.7 58.1#

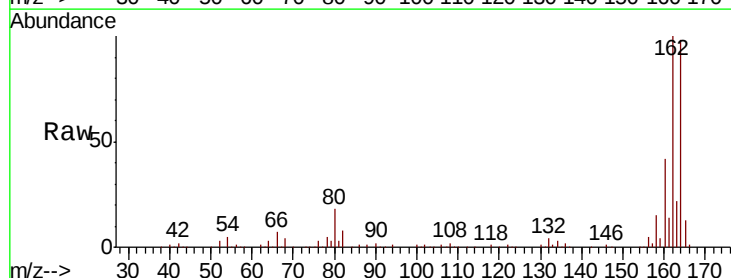


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

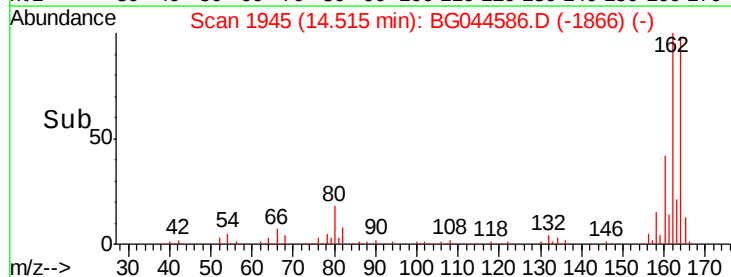
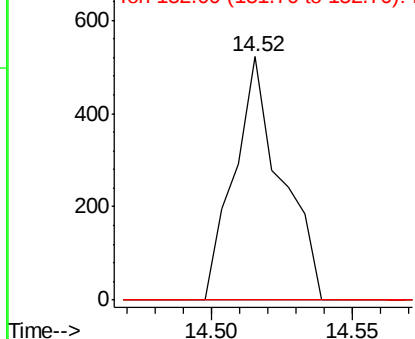


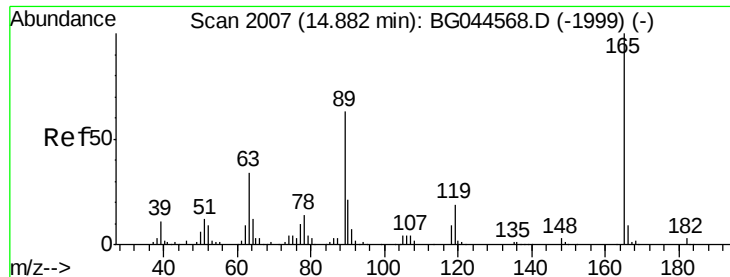
#52
Acenaphthene
Concen: 0.059 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.07 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion:154 Resp: 605
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

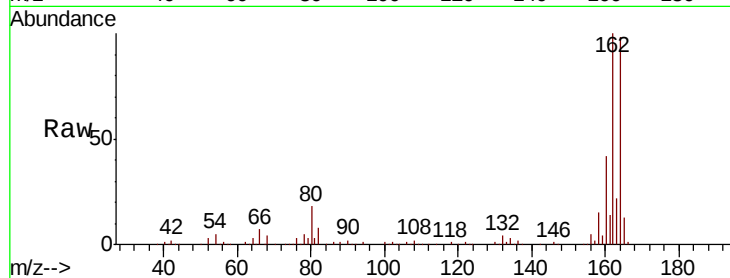




#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#



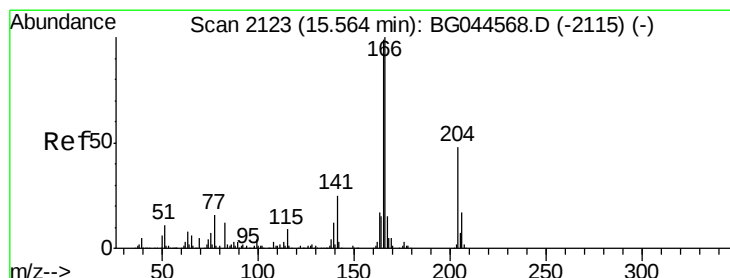
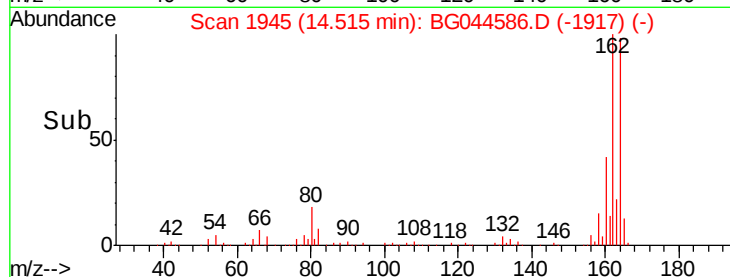
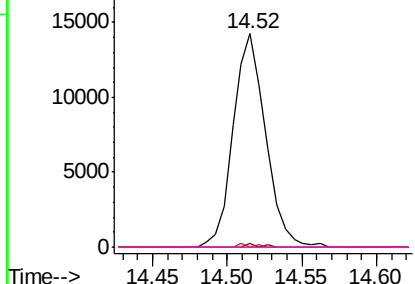
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

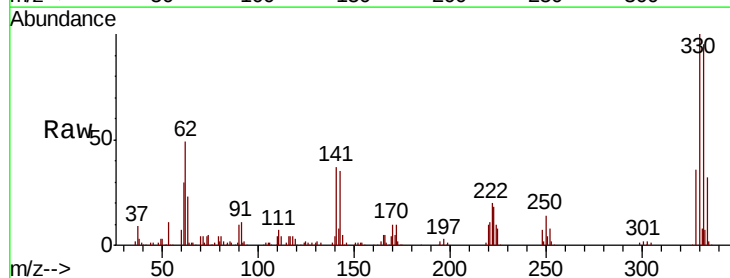
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.733 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.44 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.2	118.8
167	28.6	11.7	17.5#

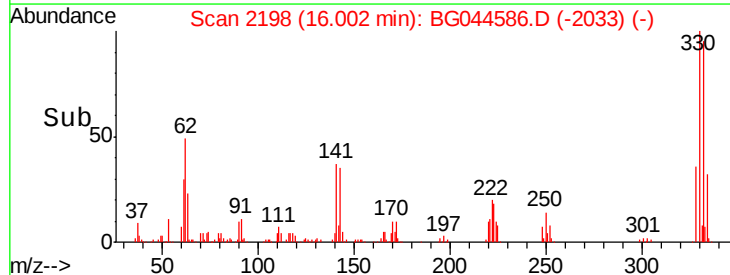
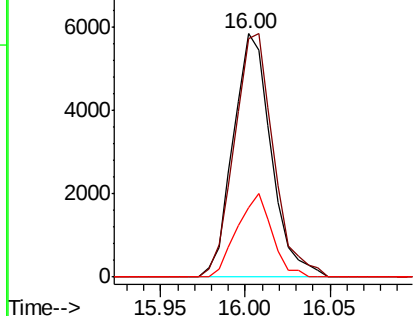


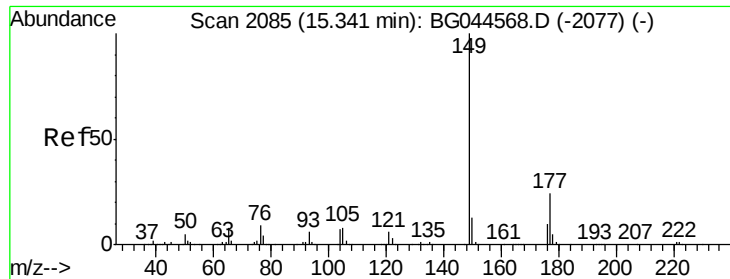
Abundance

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

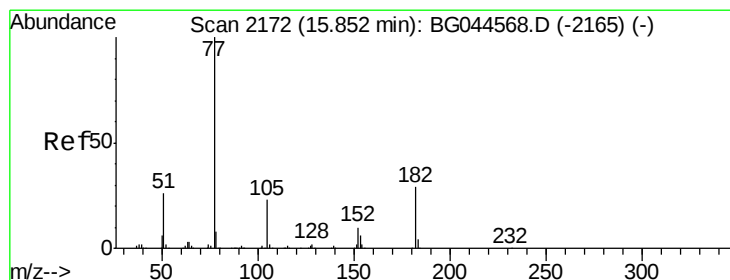
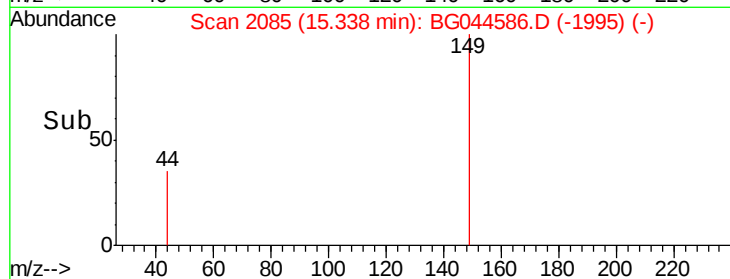
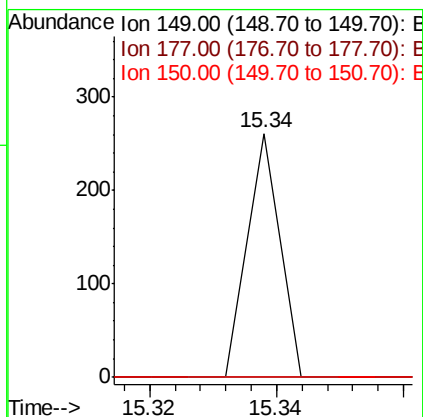
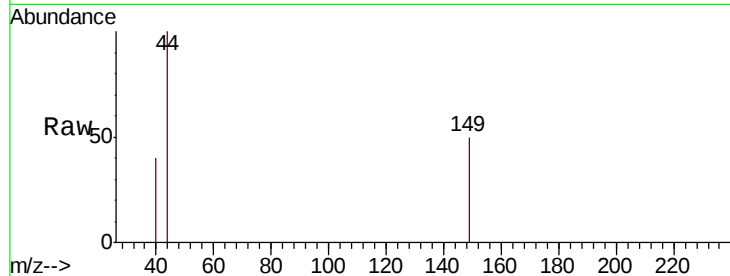




#60
Diethylphthalate
Concen: 0.007 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

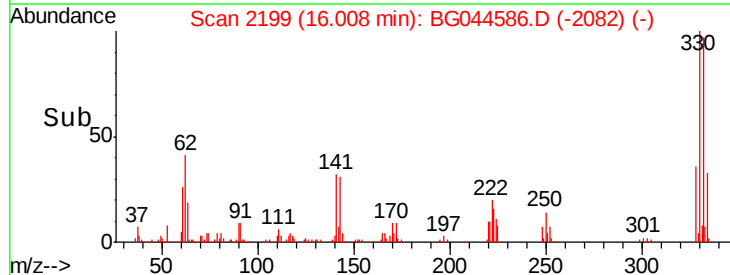
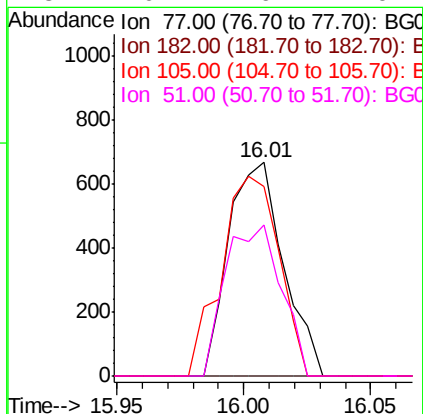
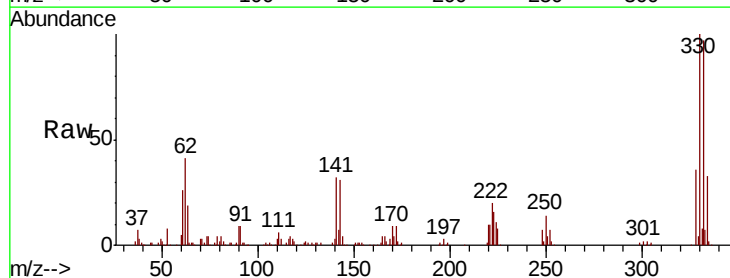
Instrument :
BNA_G
ClientSampleId :

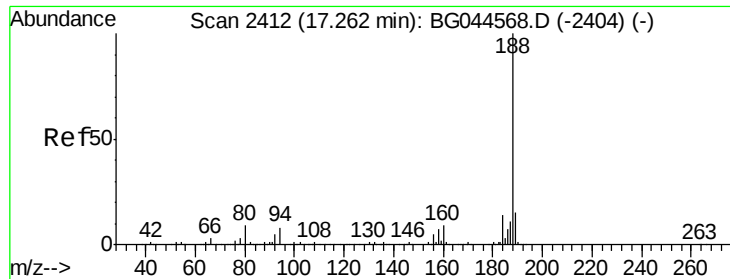
Tot Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.2	28.8#
150	0.0	10.2	15.4#



#63
Azobenzene
Concen: 0.088 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.16 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	9.4	49.4#
105	88.9	3.4	43.4#
51	70.7	6.4	46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampleId :

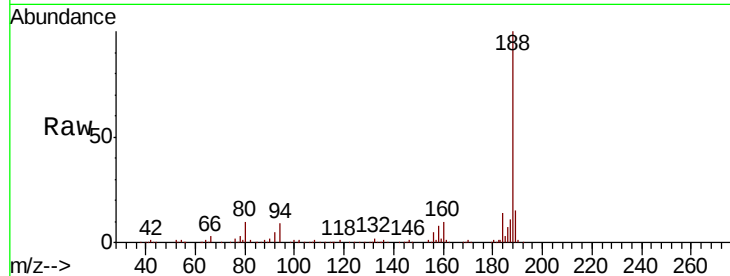
Tot Ion:188 Resp: 397775

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 9.9 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

300000

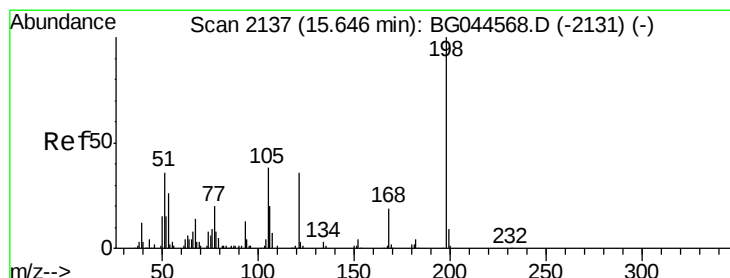
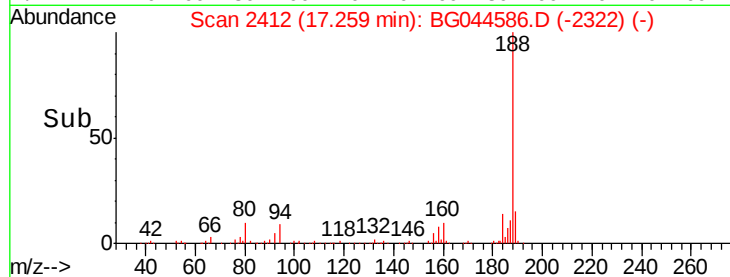
200000

100000

0

17.20 17.30

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.198 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.36 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

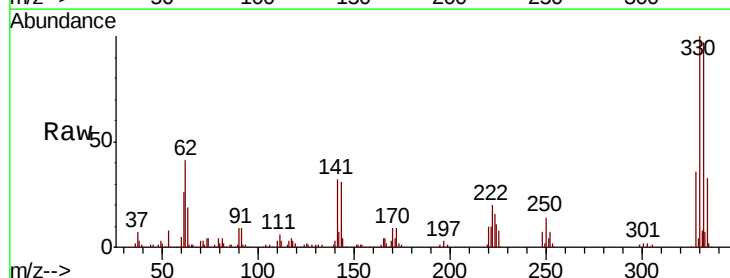
Tgt Ion:198 Resp: 487

Ion Ratio Lower Upper

198 100

51 108.0 17.0 57.0#

105 135.9 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

800

600

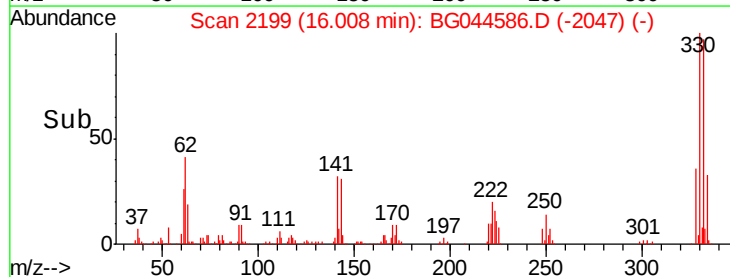
400

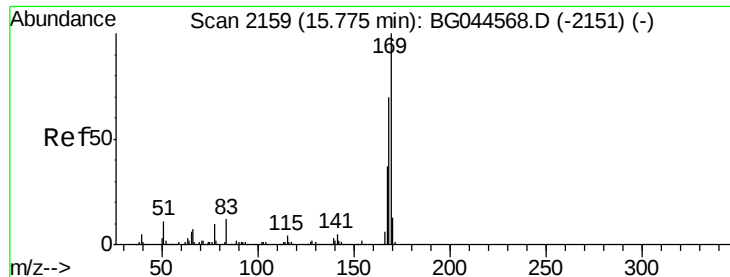
200

0

15.98 16.00 16.02

Time-->

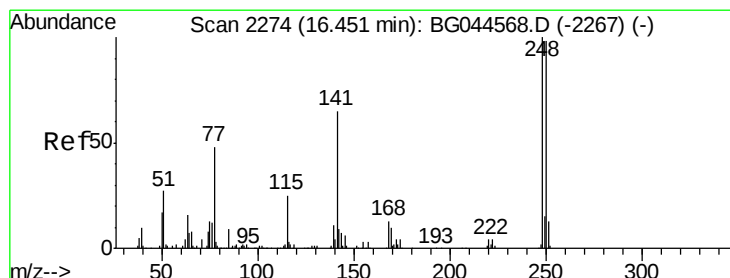
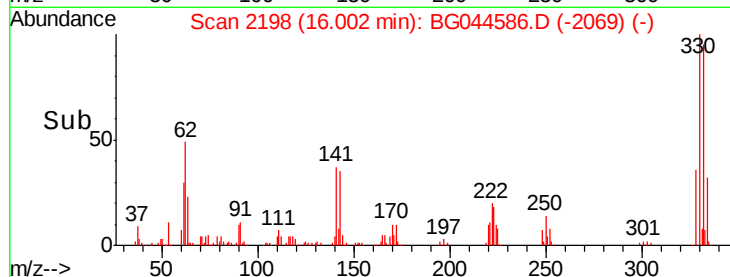
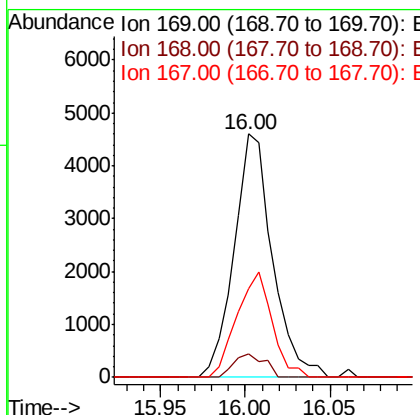
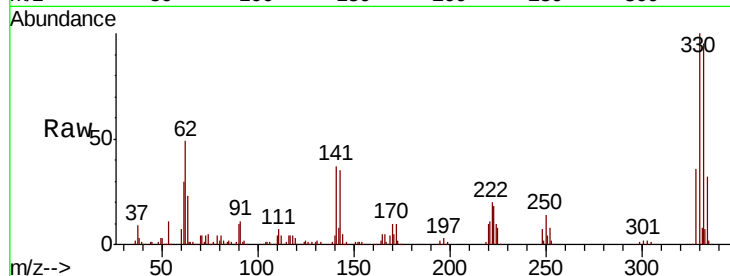




#66
 n-Nitrosodiphenylamine
 Concen: 0.583 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. 0.23 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

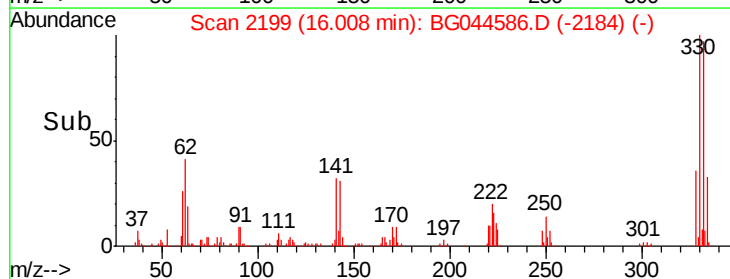
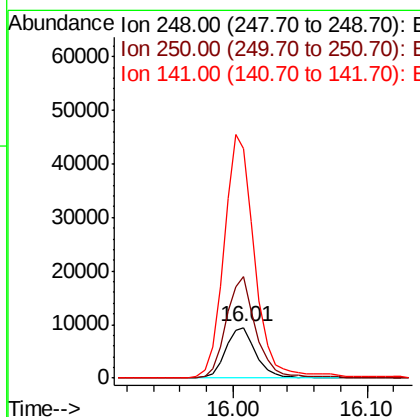
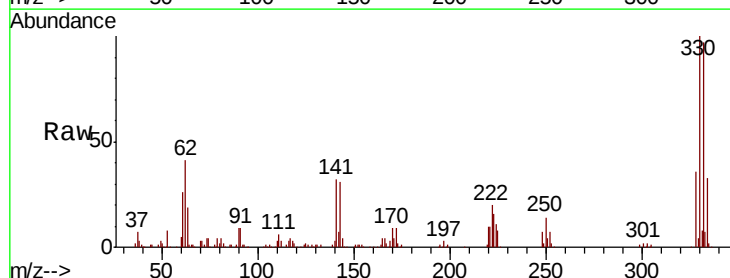
Instrument :
 BNA_G
 ClientSampleId :

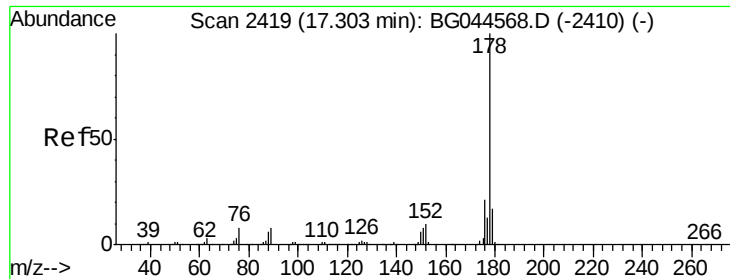
Tot Ion:169 Resp: 7234
 Ion Ratio Lower Upper
 169 100
 168 9.5 56.1 84.1#
 167 36.4 29.4 44.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.008 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Tgt Ion:248 Resp: 14854
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.7 118.1#
 141 453.3 52.3 78.5#





#71

Phenanthrene

Concen: 0.003 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampled :

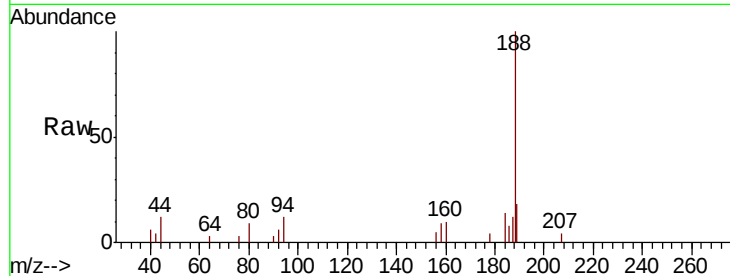
Tot Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 16.6 25.0#

179 0.0 13.3 19.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

250

200

150

100

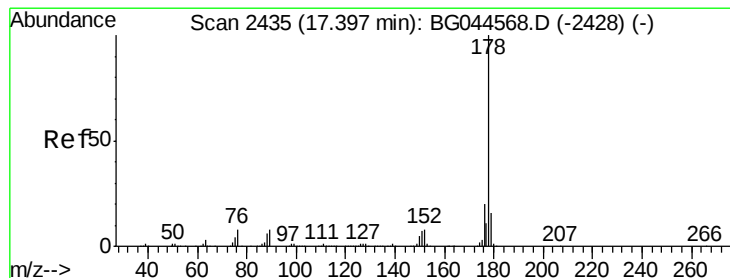
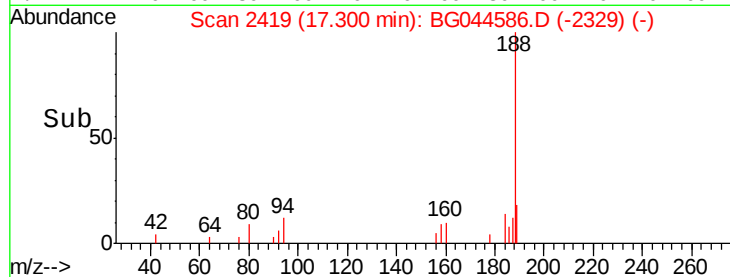
50

0

17.28

17.30

Time-->



#72

Anthracene

Concen: 0.003 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.10 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

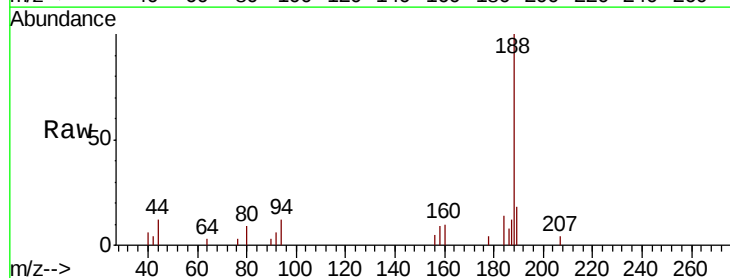
Tgt Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

179 0.0 13.1 19.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

250

200

150

100

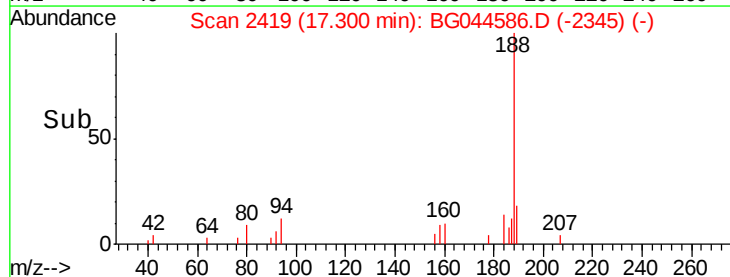
50

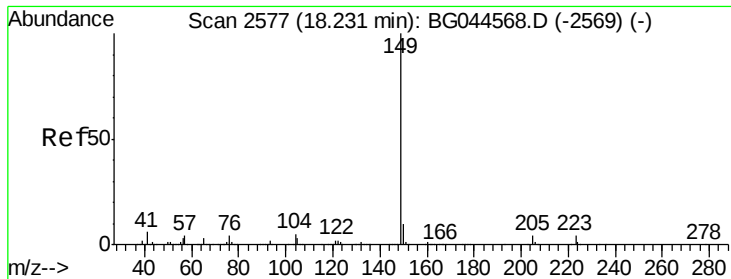
0

17.28

17.30

Time-->

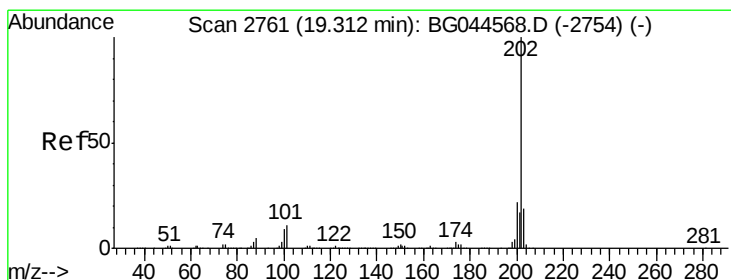
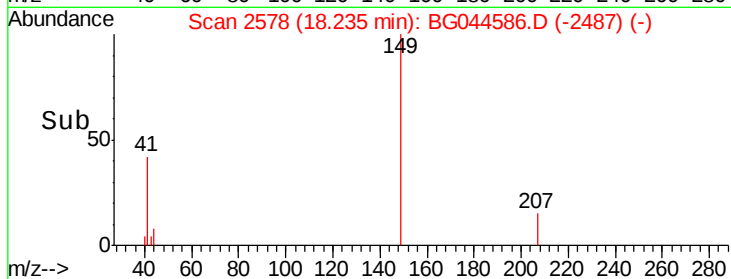
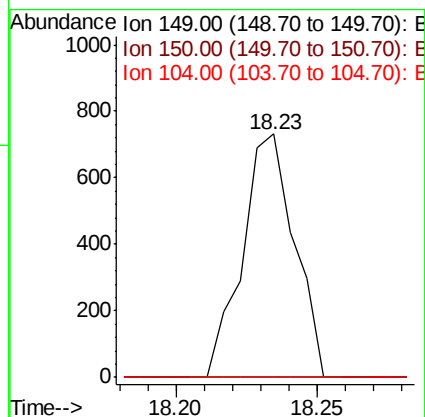
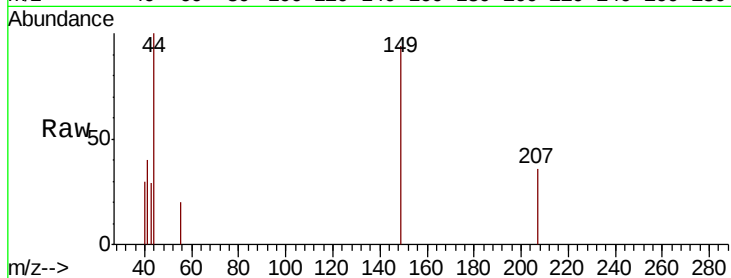




#74
Di-n-butylphthalate
Concen: 0.038 ng
RT: 18.23 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

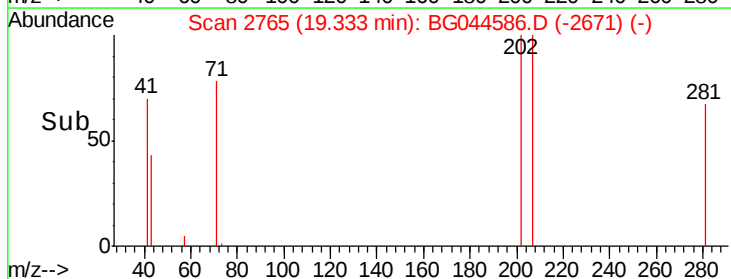
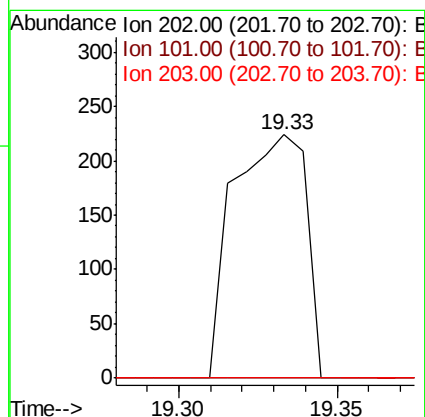
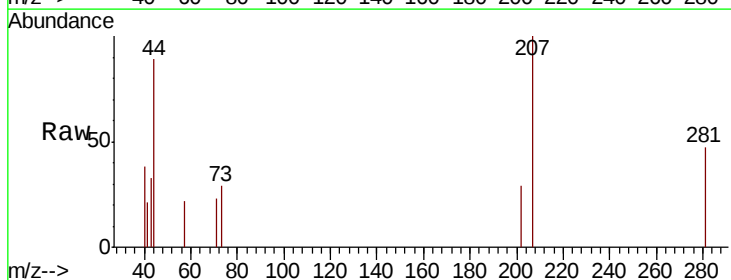
Instrument :
BNA_G
ClientSampleId :

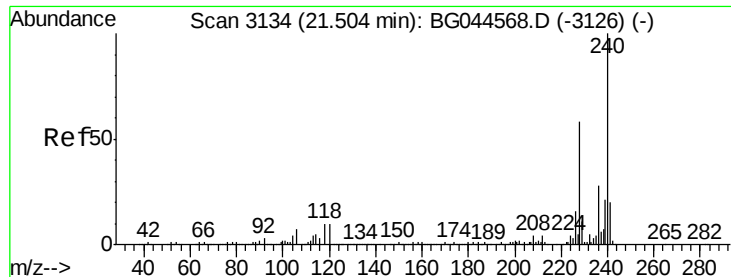
Tot Ion:149 Resp: 930
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.8#
104 0.0 4.0 6.0#



#75
Fluoranthene
Concen: 0.014 ng
RT: 19.33 min Scan# 2765
Delta R.T. 0.02 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion:202 Resp: 356
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.0
203 0.0 0.0 39.2

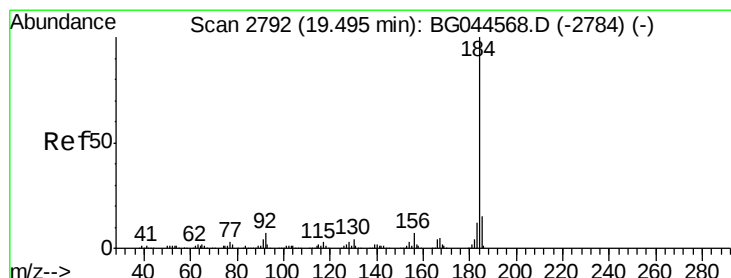
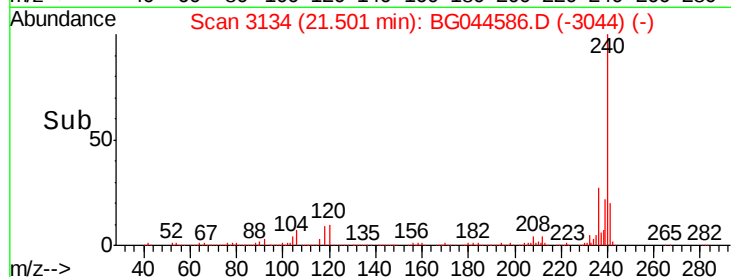
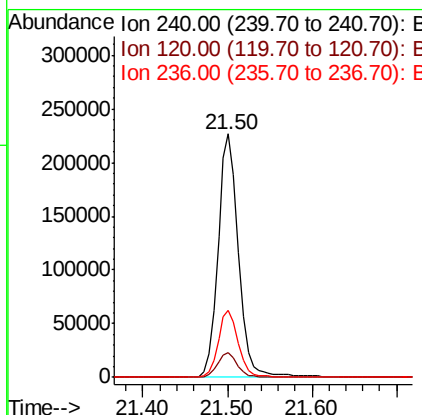
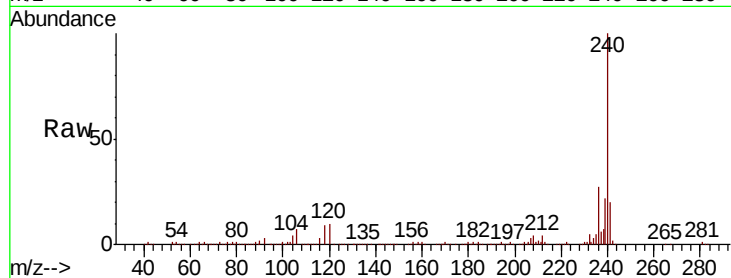




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

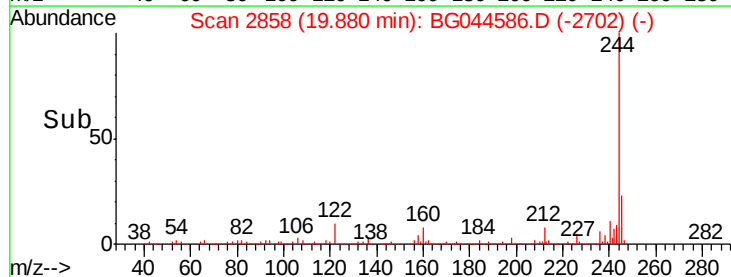
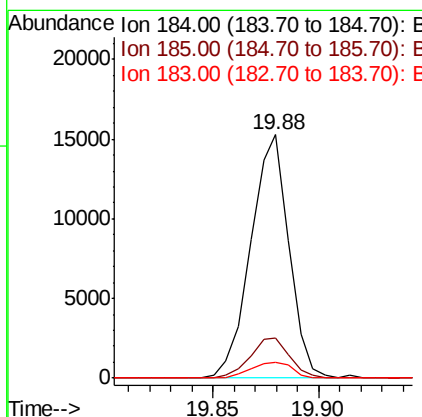
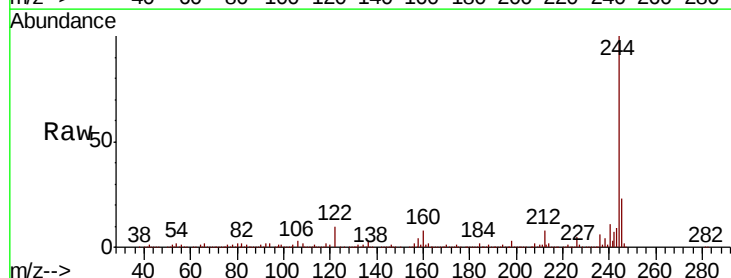
Instrument :
BNA_G
ClientSampleId :

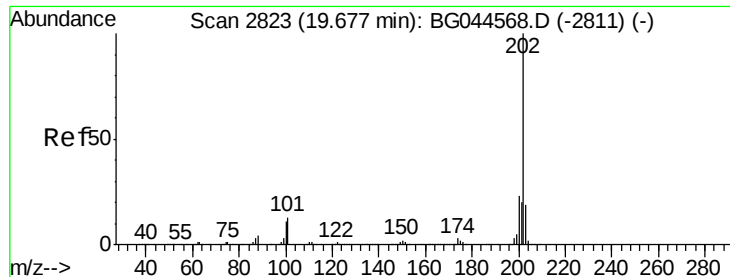
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	27.3	22.3	33.5



#77
Benzidine
Concen: 1.463 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.39 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.4
183	6.5	9.9	14.9





#78

Pvrene

Concen: 0.008 ng

RT: 19.69 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampleId :

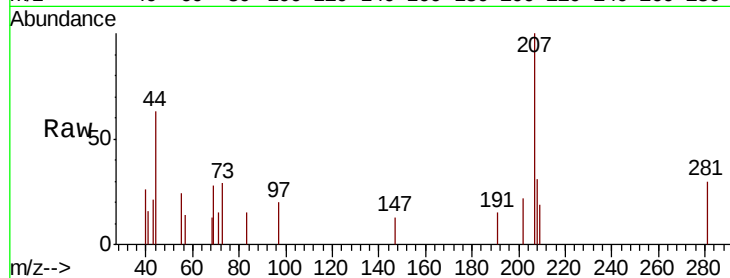
Tot Ion:202 Resp: 223

Ion Ratio Lower Upper

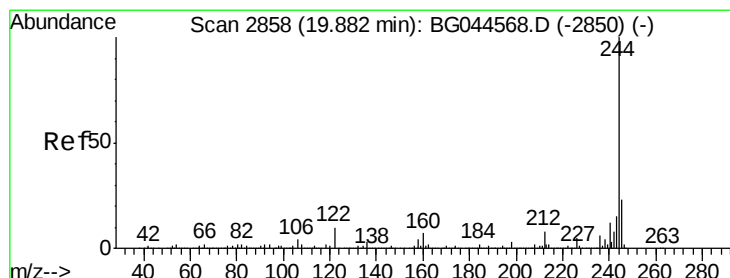
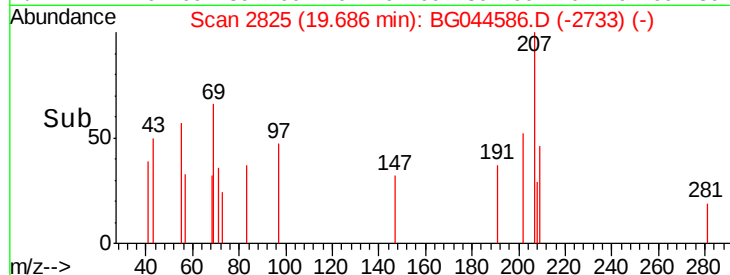
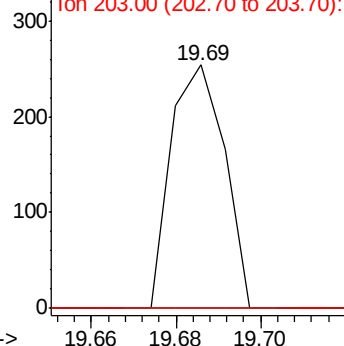
202 100

200 0.0 18.6 28.0#

203 0.0 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: 65.129 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

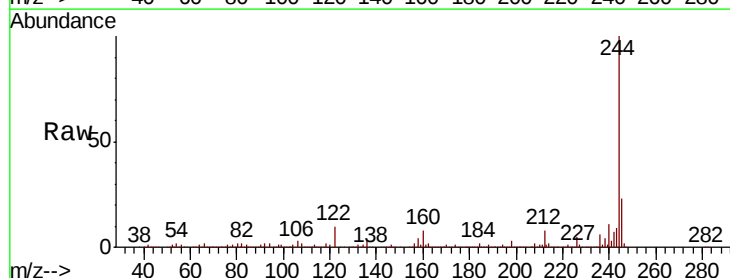
Tgt Ion:244 Resp: 1314189

Ion Ratio Lower Upper

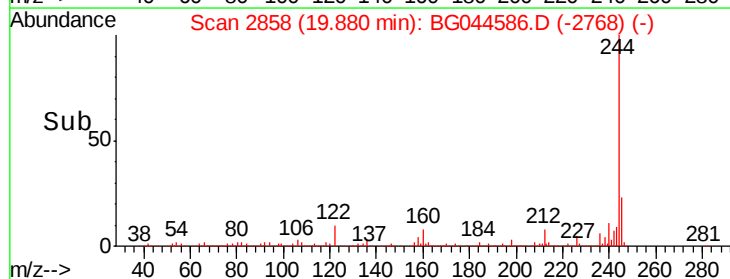
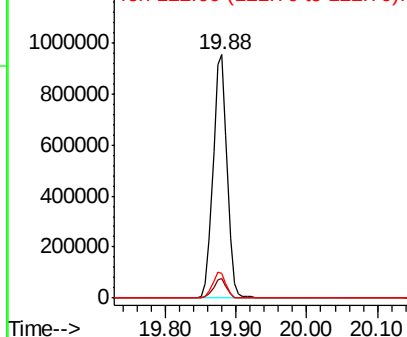
244 100

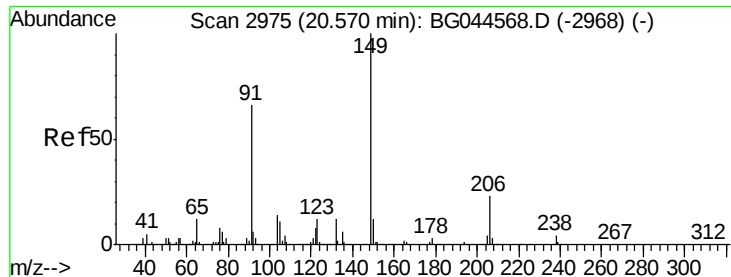
212 7.9 6.5 9.7

122 10.4 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

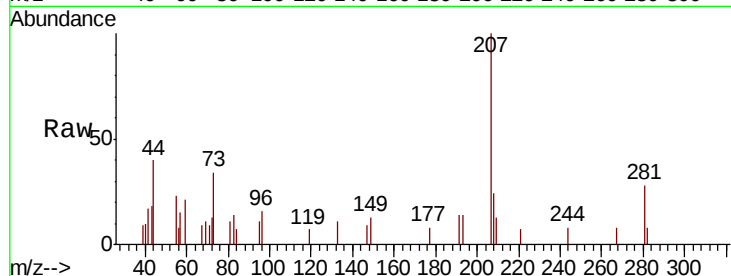




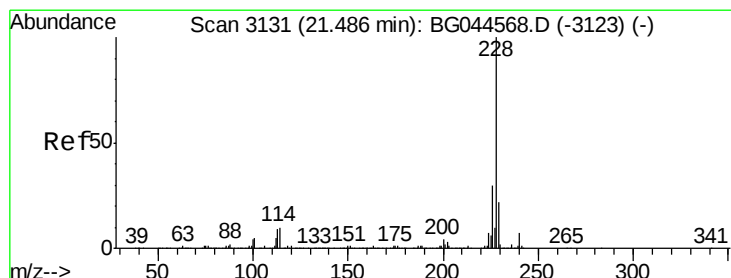
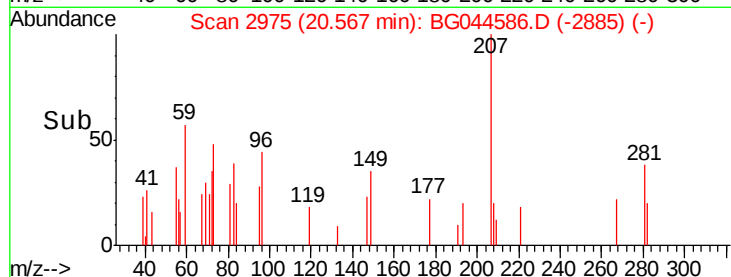
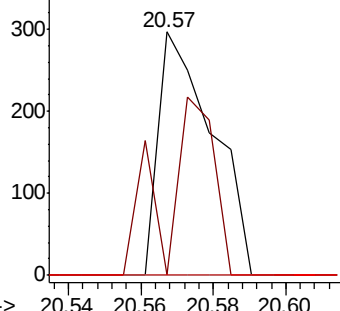
#80
Butylbenzylphthalate
Concen: 0.025 ng
RT: 20.57 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	52.7	79.1#
206	0.0	18.6	28.0#

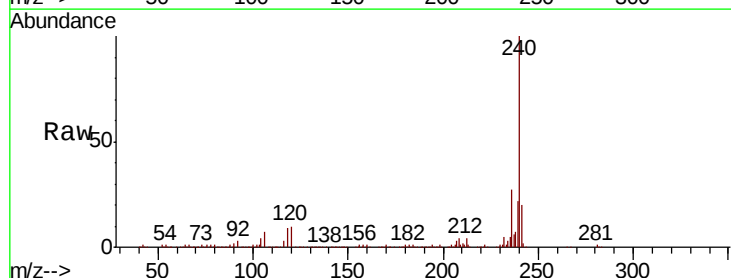


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG0
Ion 206.00 (205.70 to 206.70): E

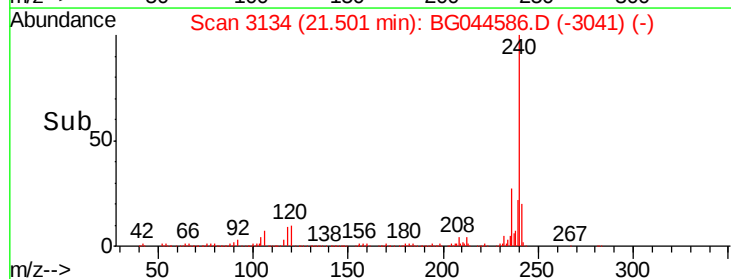
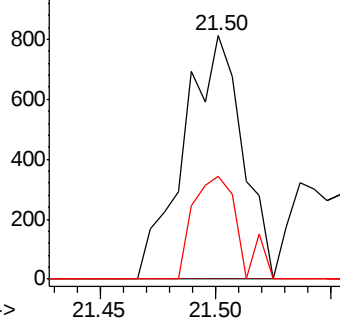


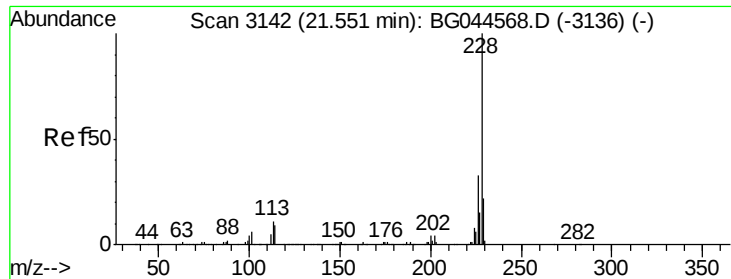
#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	42.5	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

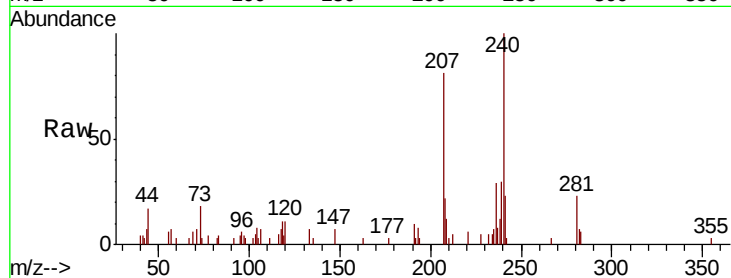




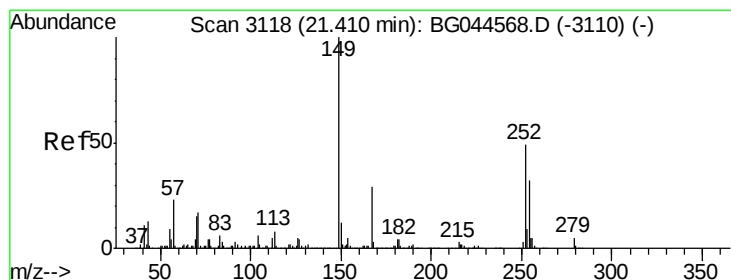
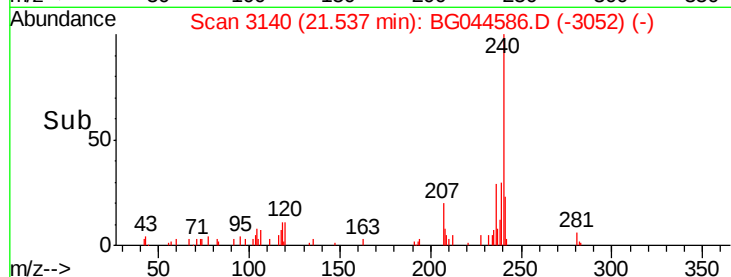
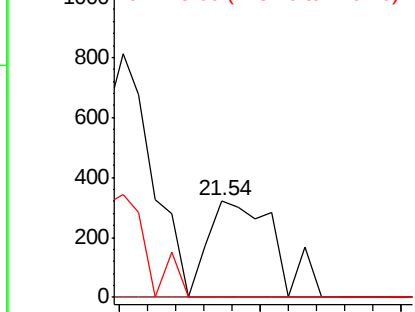
#83
 Chrysene
 Concen: 0.020 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 532
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.1 39.1#
 229 0.0 17.2 25.8#

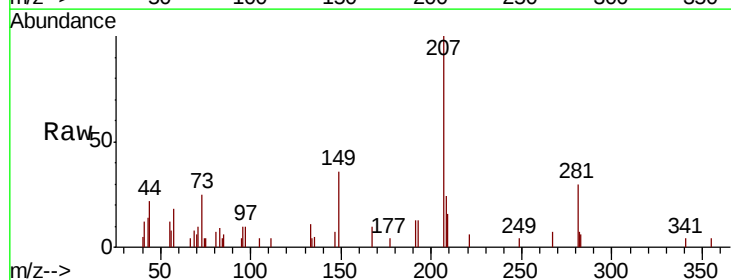


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

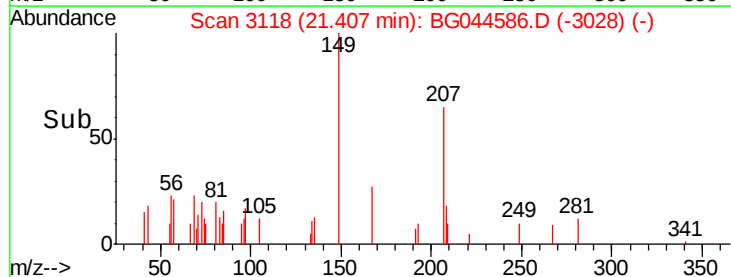
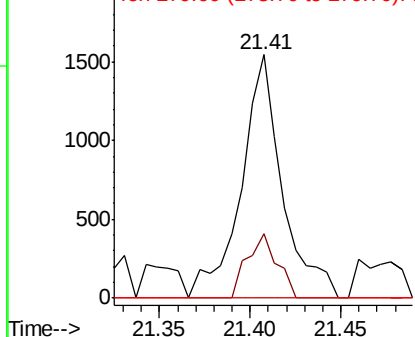


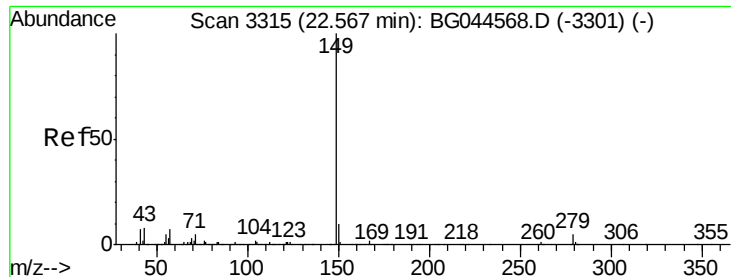
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.146 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044586.D
 Acq: 25 Feb 2020 21:15

Tgt Ion:149 Resp: 2440
 Ion Ratio Lower Upper
 149 100
 167 26.7 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: 0.034 ng

RT: 22.56 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampled :

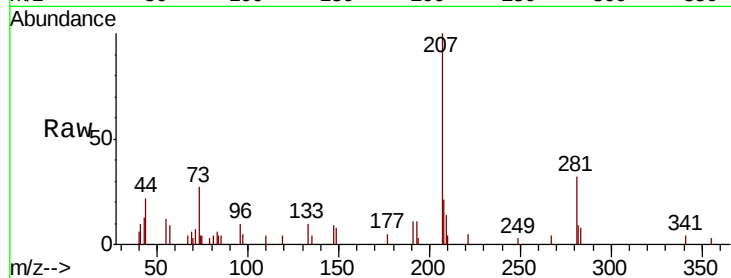
Tot Ion:149 Resp: 1011

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

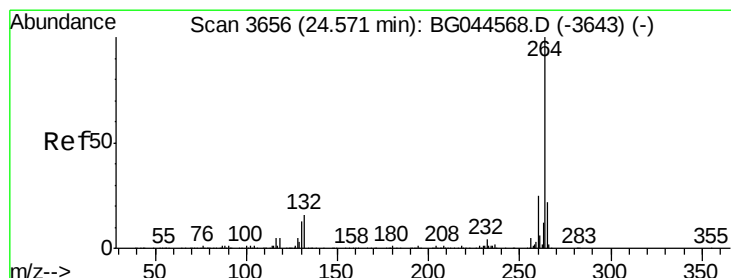
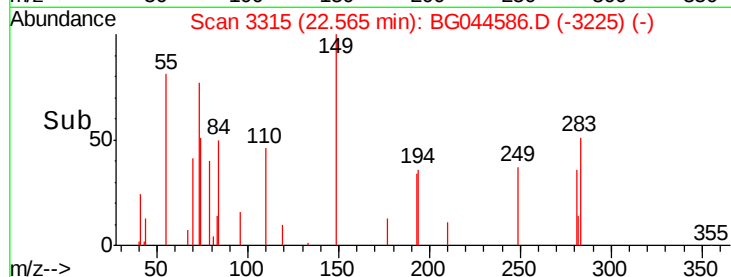
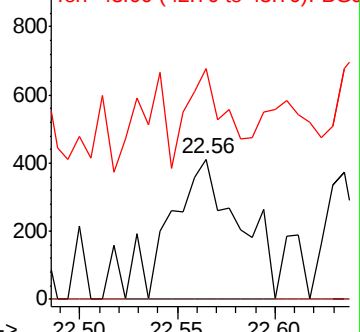
43 0.0 6.6 10.0#



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): BG



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

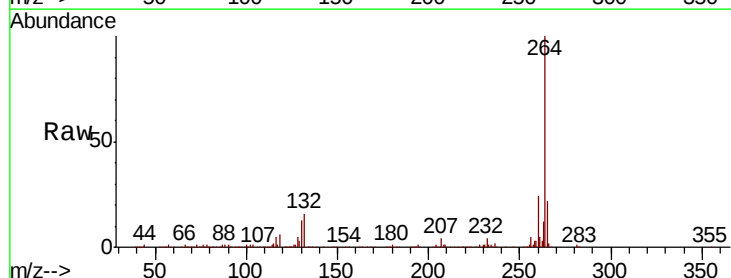
Tgt Ion:264 Resp: 419744

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

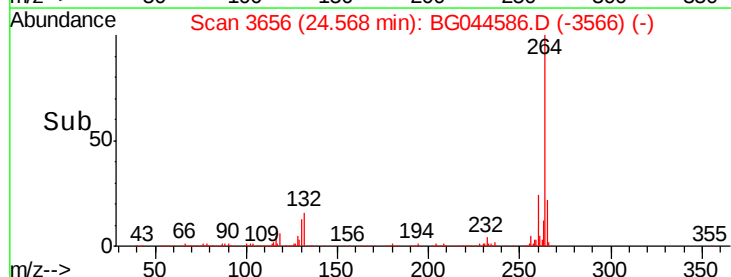
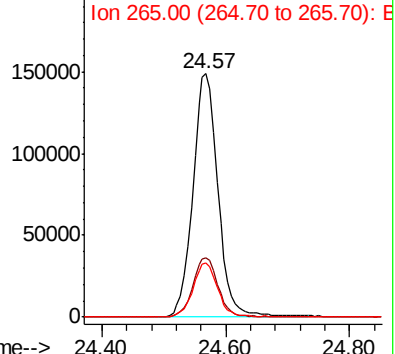
265 22.1 17.8 26.8

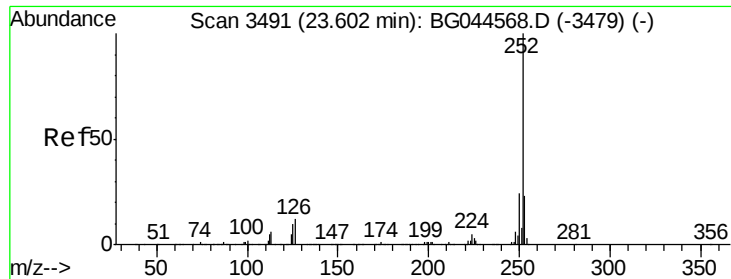


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

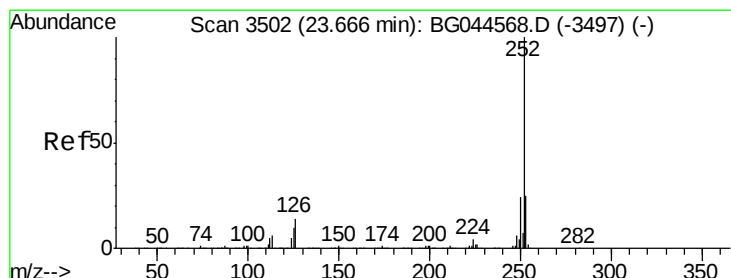
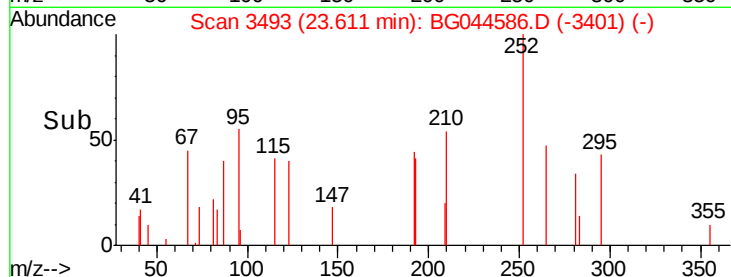
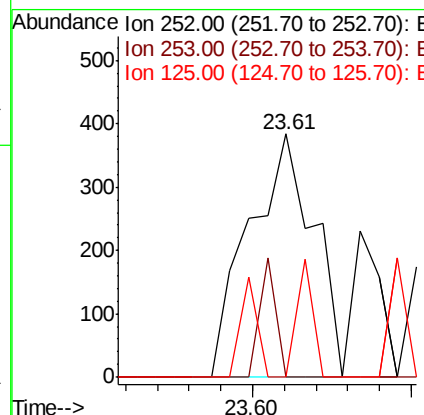
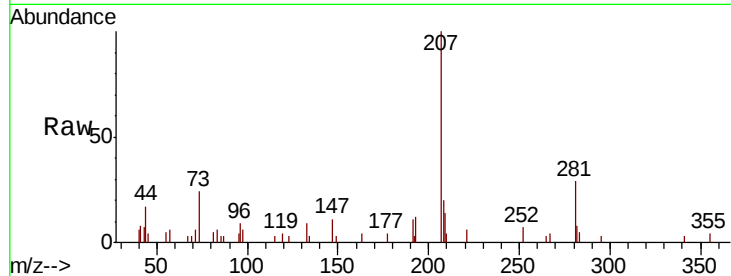




#88
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 23.61 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

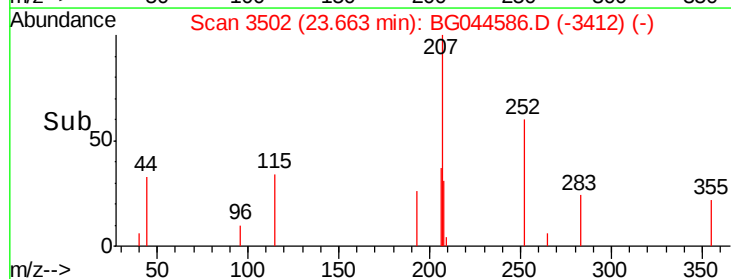
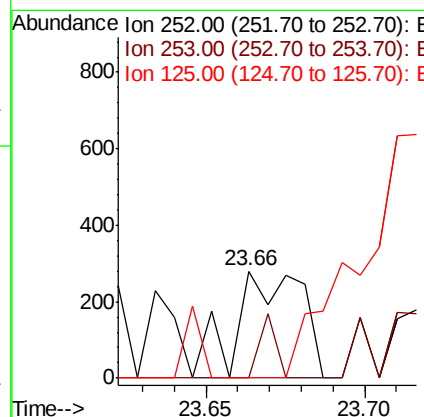
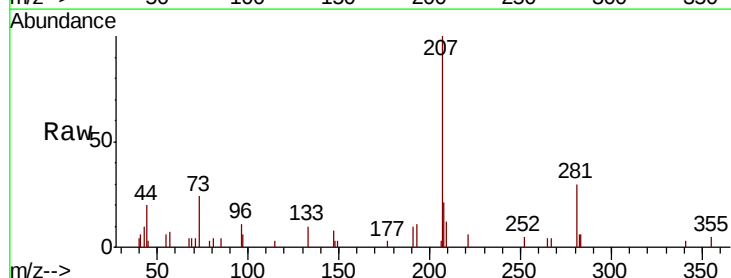
Instrument :
BNA_G
ClientSampled :

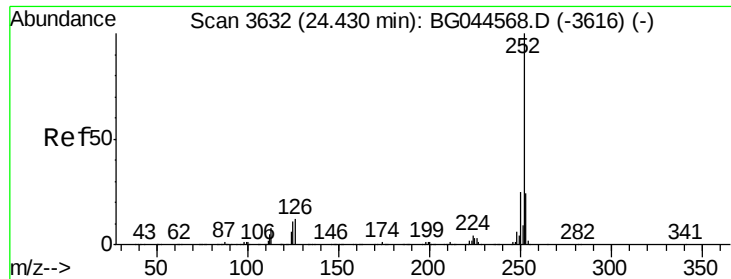
Tot Ion:252 Resp: 541
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 7.9 11.9#



#89
Benzo(k)fluoranthene
Concen: 0.015 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044586.D
Acq: 25 Feb 2020 21:15

Tgt Ion:252 Resp: 411
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: 0.009 ng

RT: 24.42 min Scan# 3630

Delta R.T. -0.01 min

Lab File: BG044586.D

Acq: 25 Feb 2020 21:15

Instrument :

BNA_G

ClientSampleId :

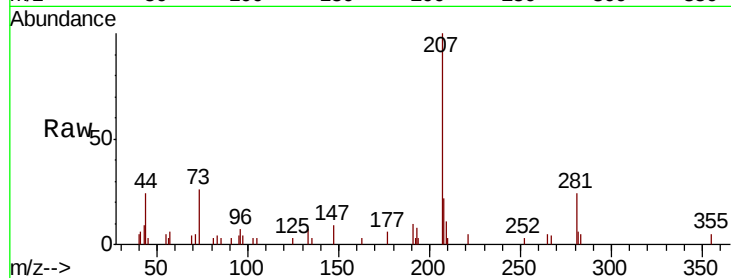
Tot Ion: 252 Resp: 243

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

125 84.6 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

