

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044591.D
 Acq On : 26 Feb 2020 00:33
 Operator : CG/JU
 Sample : L1603-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:04:24 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	60570	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	236928	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	155627	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	373373	20.00	ng	0.00
76) Chrysene-d12	21.50	240	386432	20.00	ng	0.00
87) Perylene-d12	24.57	264	397642	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	486736	128.93	ng	0.00
7) Phenol-d6	7.05	99	562867	108.93	ng	0.00
23) Nitrobenzene-d5	9.03	82	423937	92.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	293802	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	968411	89.11	ng	0.00
79) Terphenyl-d14	19.88	244	1763050	86.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	69	0.042	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	292	0.167	ng	# 1
9) Benzaldehyde	7.05	77	950	0.313	ng	# 1
10) Phenol	7.05	94	58	0.012	ng	# 1
15) Benzyl Alcohol	8.19	79	7179	2.060	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	8.39	45	187	0.033	ng	# 67
19) n-Nitroso-di-n-propylamine	9.03	70	53810	16.200	ng	# 79
22) Acetophenone	8.70	105	147	0.025	ng	# 54
24) Nitrobenzene	9.03	77	1436	0.322	ng	# 37
25) Isophorone	9.50	82	477	0.055	ng	# 65
31) Naphthalene	10.72	128	644	0.050	ng	# 68
37) 2-Methylnaphthalene	12.35	142	285	0.030	ng	# 84
38) 1-Methylnaphthalene	12.56	142	607	0.067	ng	# 85
46) 1,1'-Biphenyl	13.35	154	2489	0.193	ng	# 90
48) 2-Nitroaniline	13.14	65	1431	0.510	ng	# 1
49) Acenaphthylene	14.57	152	439	0.029	ng	# 1
51) 2,6-Dinitrotoluene	14.52	165	19905	7.185	ng	# 30
52) Acenaphthene	14.58	154	982	0.103	ng	# 82
57) 2,4-Dinitrotoluene	14.52	165	19905	5.111	ng	# 28
58) Fluorene	16.01	166	12853	1.113	ng	# 91
60) Diethylphthalate	15.34	149	71	0.006	ng	# 57
63) Azobenzene	16.01	77	1492	0.141	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.00	198	844	0.365	ng	# 1
66) n-Nitrosodiphenylamine	16.01	169	9765	0.838	ng	# 48
67) 4-Bromophenyl-phenylether	16.00	248	19940	4.302	ng	# 1
71) Phenanthrene	17.29	178	897	0.043	ng	# 58
72) Anthracene	17.29	178	897	0.044	ng	# 59
74) Di-n-butylphthalate	18.24	149	766	0.033	ng	# 77
75) Fluoranthene	19.32	202	247	0.010	ng	# 62
77) Benzidine	19.88	184	27591	2.084	ng	# 93
78) Pyrene	19.68	202	300	0.011	ng	# 55
80) Butylbenzylphthalate	20.57	149	291	0.024	ng	# 80
81) Benzo(a)anthracene	21.50	228	1475	0.054	ng	# 56
83) Chrysene	21.54	228	362	0.014	ng	# 47

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QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

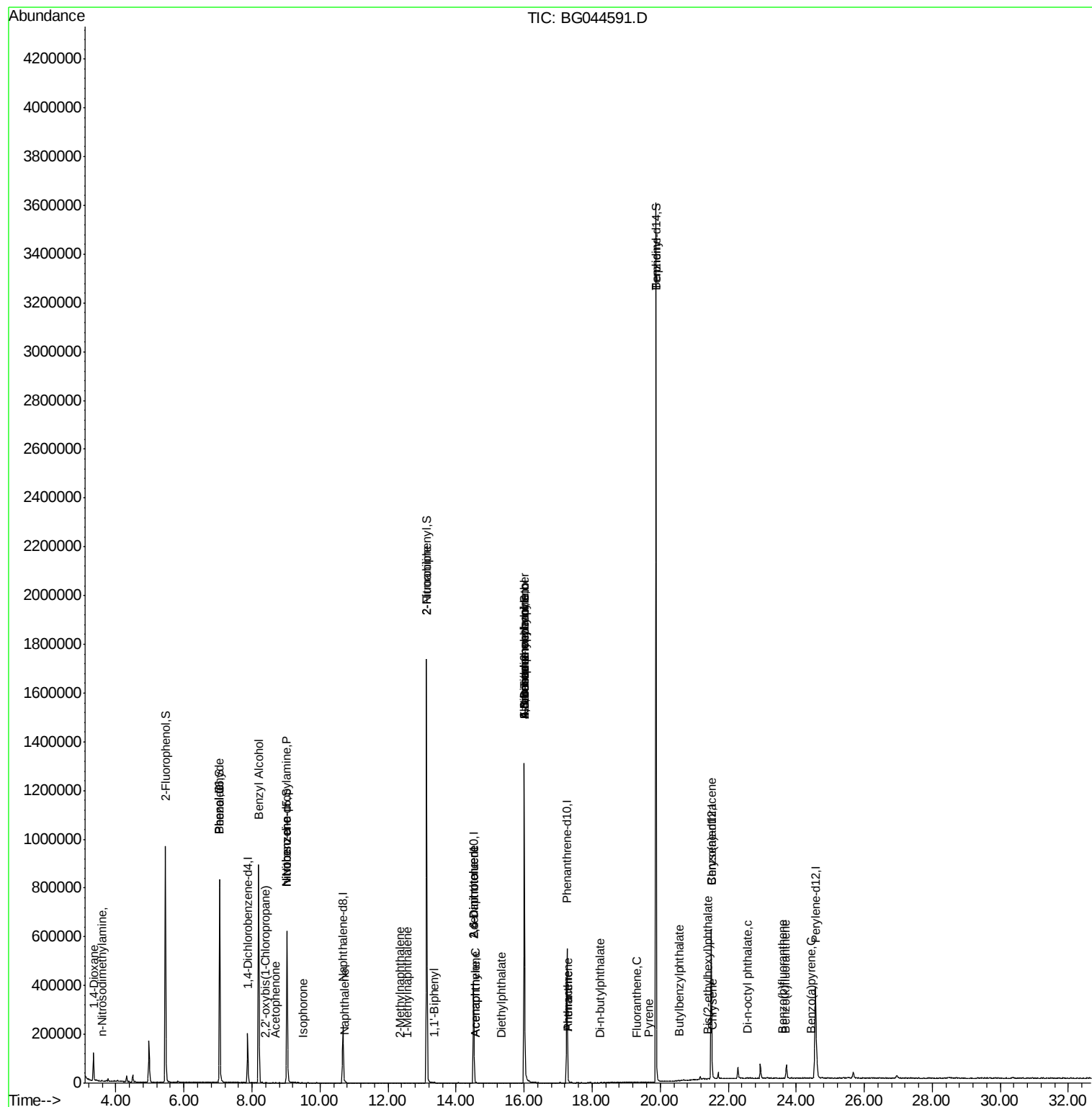
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.41	149	1513	0.089	nq	# 94
85) Di-n-octyl phthalate	22.57	149	700	0.024	nq	# 1
88) Benzo(b)fluoranthene	23.61	252	330	0.013	nq	# 59
89) Benzo(k)fluoranthene	23.66	252	373	0.015	nq	# 58
90) Benzo(a)pyrene	24.43	252	140	0.006	nq	# 58

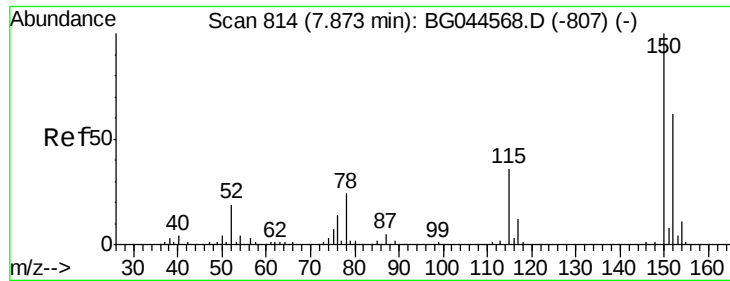
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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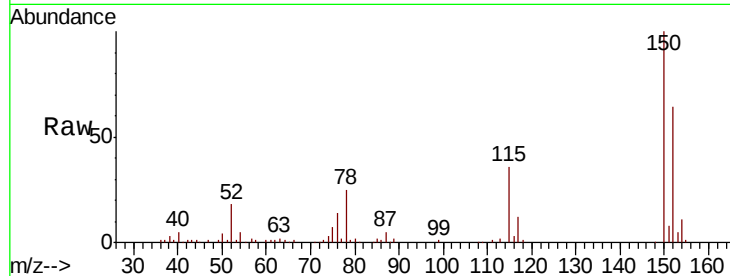


#1

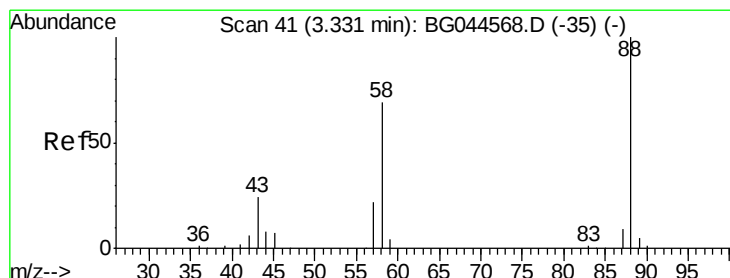
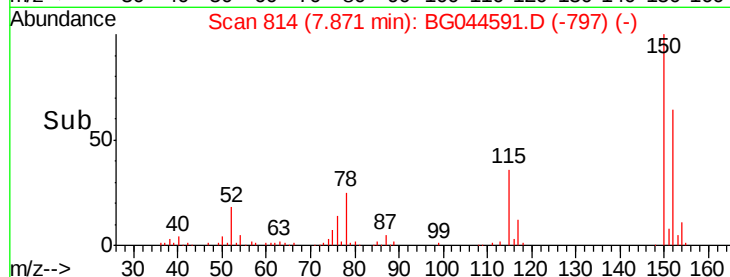
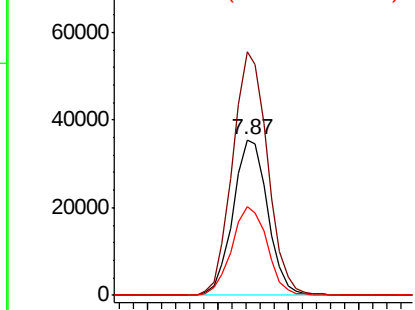
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60570
Ion Ratio Lower Upper
152 100
150 156.7 128.9 193.3
115 56.7 47.0 70.4



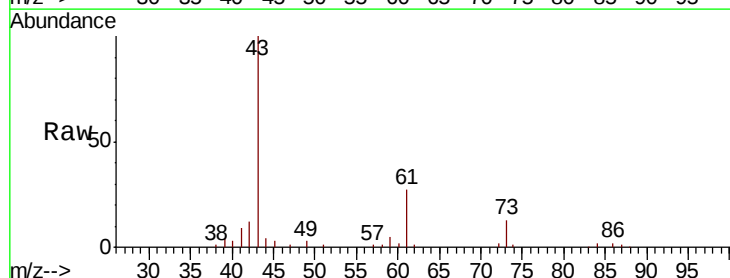
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



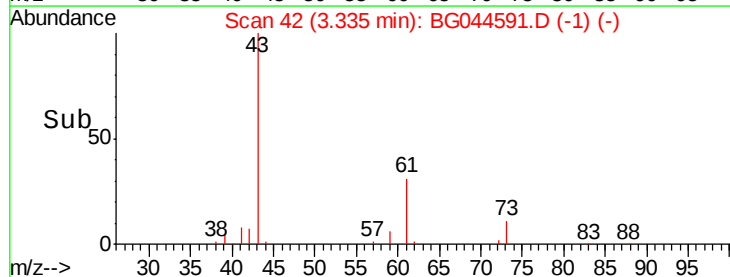
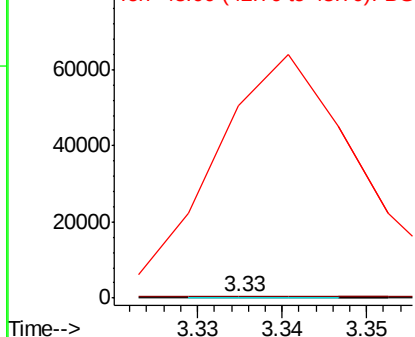
#2

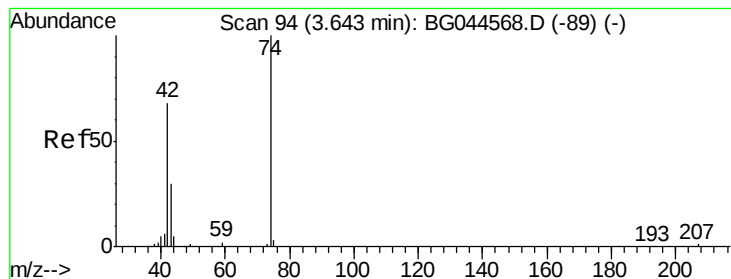
1,4-Dioxane
Concen: 0.042 ng
RT: 3.33 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
58 355.1 55.8 83.8#
43 110355.1 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





#4

n-Nitrosodimethylamine

Concen: 0.167 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.06 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampled :

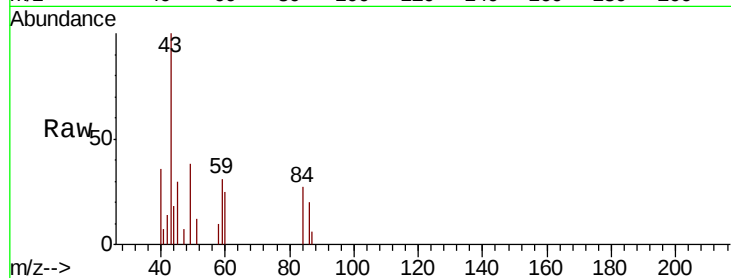
Tot Ion: 42 Resp: 292

Ion Ratio Lower Upper

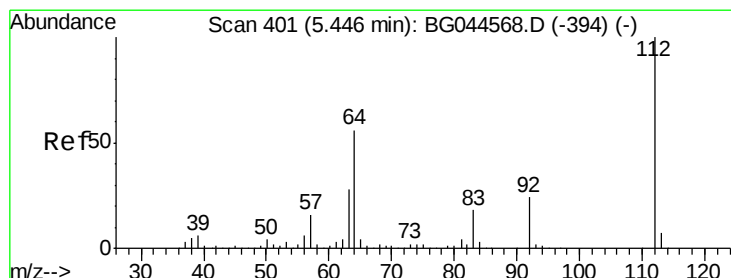
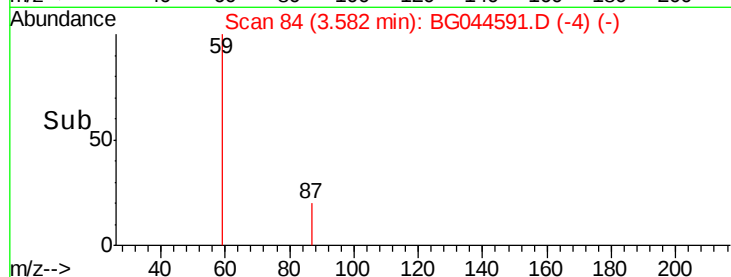
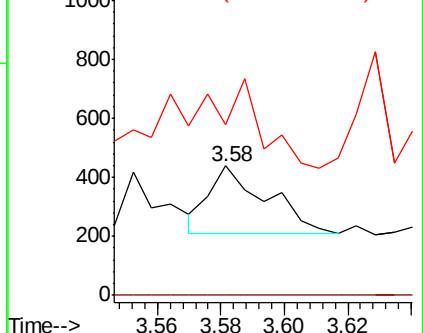
42 100

74 0.0 117.6 176.4#

44 132.0 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: 128.934 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

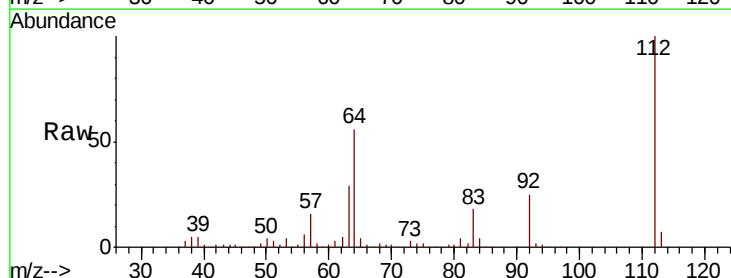
Tgt Ion: 112 Resp: 486736

Ion Ratio Lower Upper

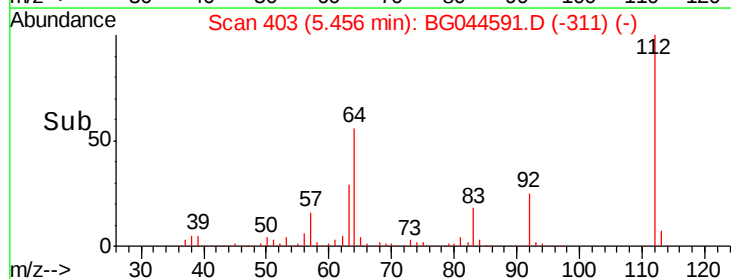
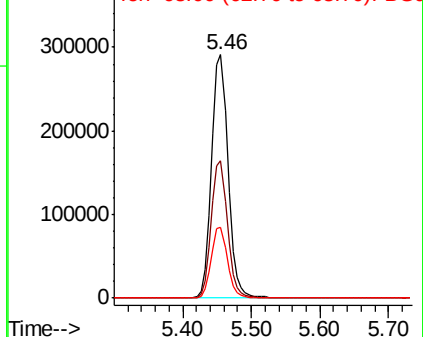
112 100

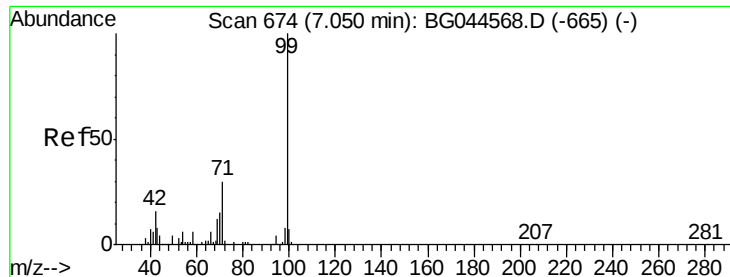
64 56.4 44.8 67.2

63 29.3 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: 108.927 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

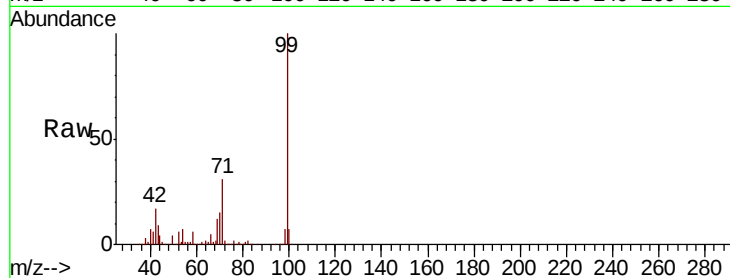
Tot Ion: 99 Resp: 562867

Ion Ratio Lower Upper

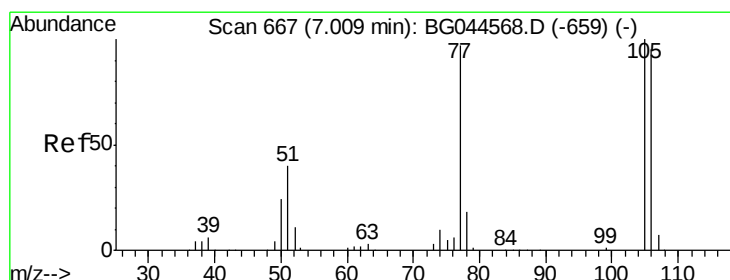
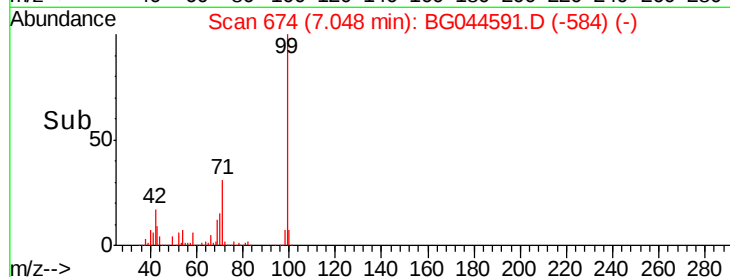
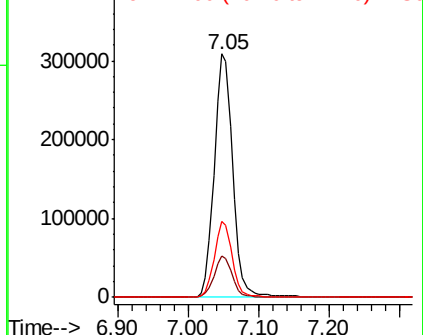
99 100

42 16.8 12.8 19.2

71 31.3 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: 0.313 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.04 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

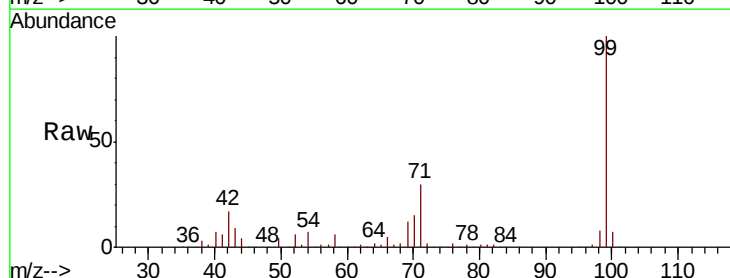
Tgt Ion: 77 Resp: 950

Ion Ratio Lower Upper

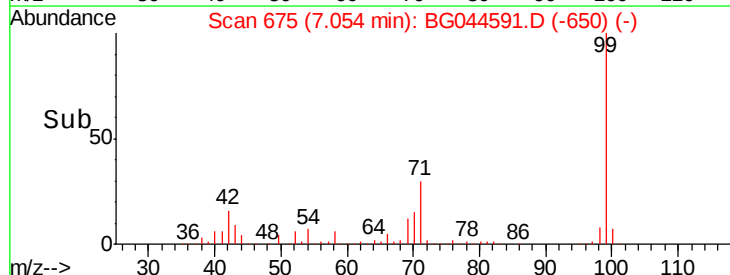
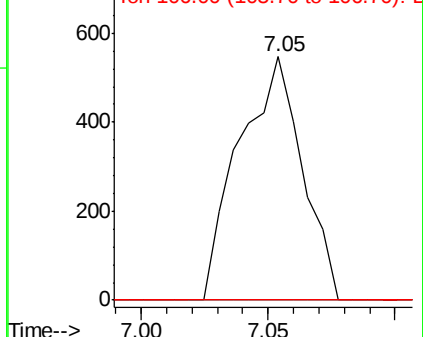
77 100

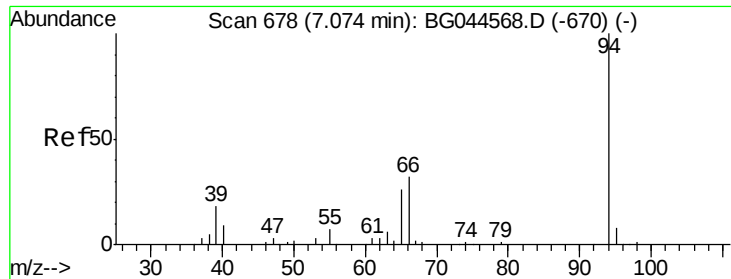
105 0.0 83.6 123.6#

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: 0.012 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.03 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

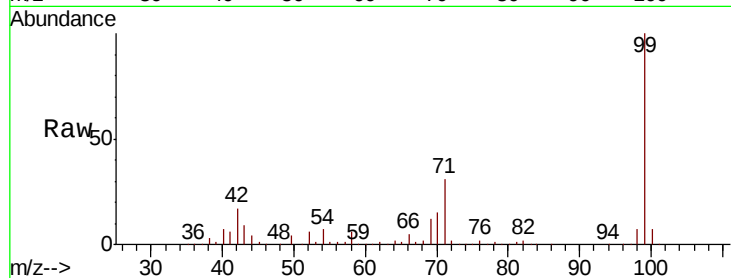
Tot Ion: 94 Resp: 58

Ion Ratio Lower Upper

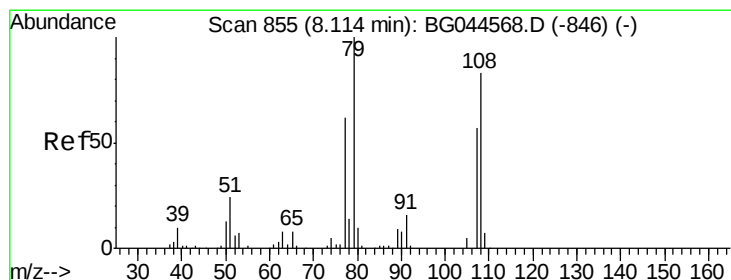
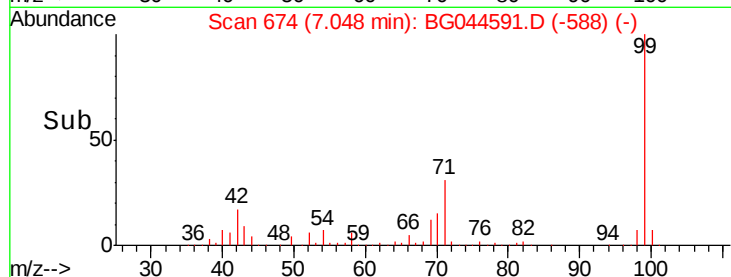
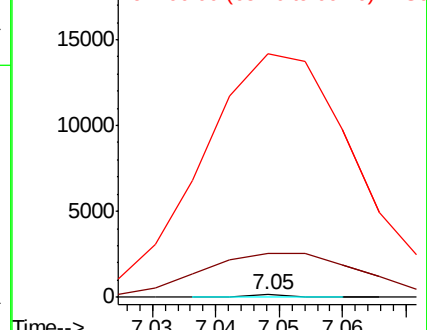
94 100

65 1568.5 6.4 46.4#

66 8586.7 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: 2.060 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

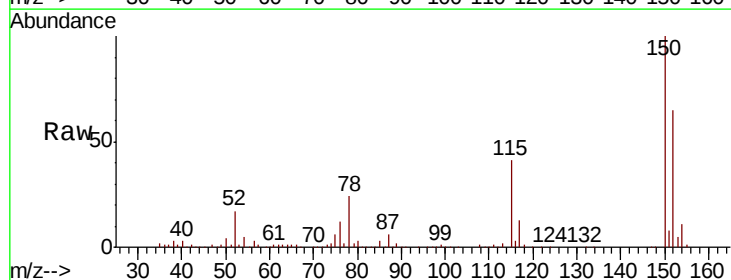
Tgt Ion: 79 Resp: 7179

Ion Ratio Lower Upper

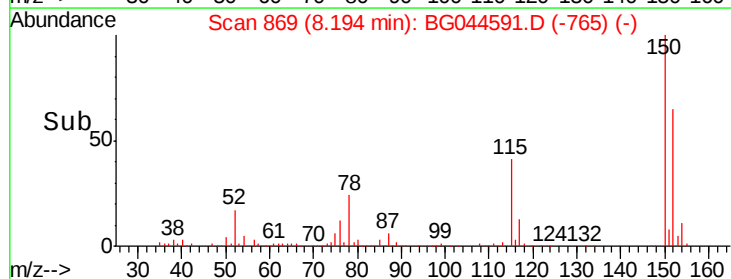
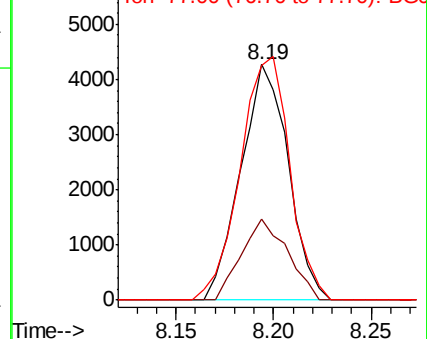
79 100

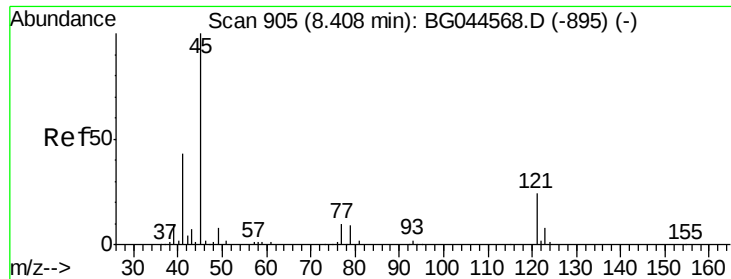
108 34.3 66.0 99.0#

77 99.4 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

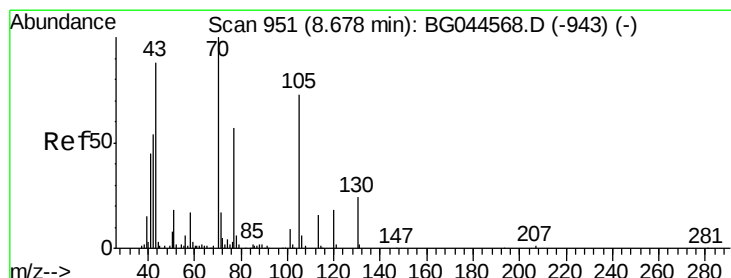
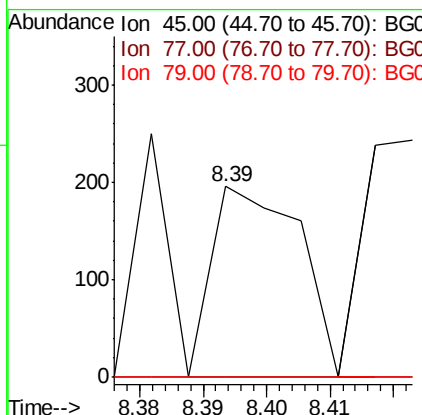
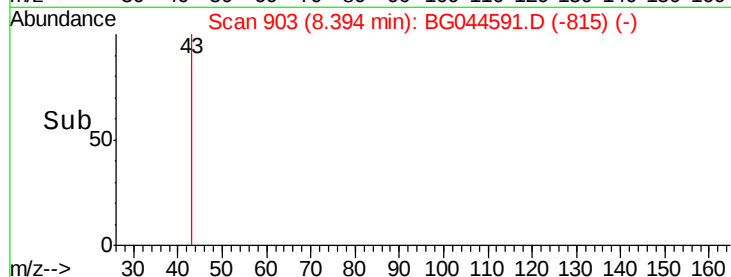
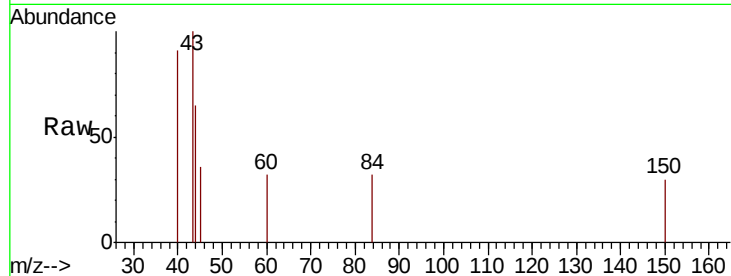




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.033 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

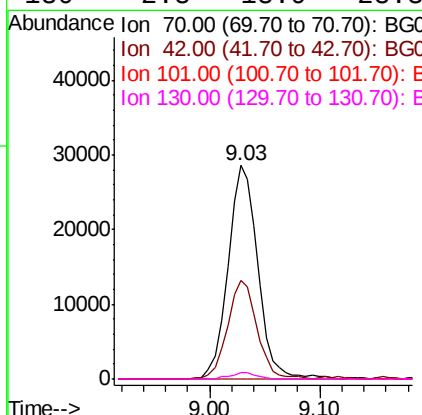
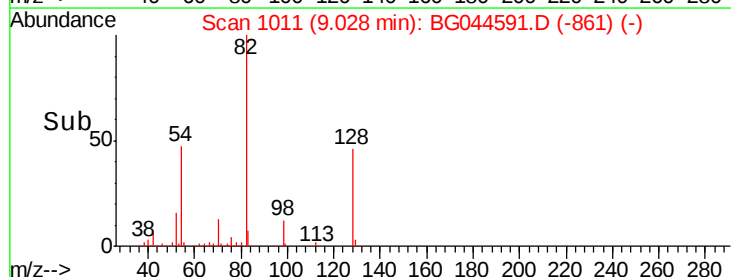
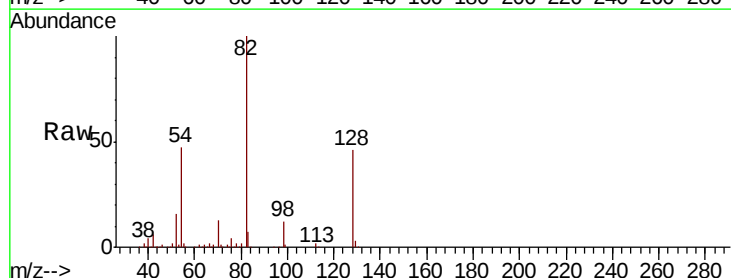
Instrument :
 BNA_G
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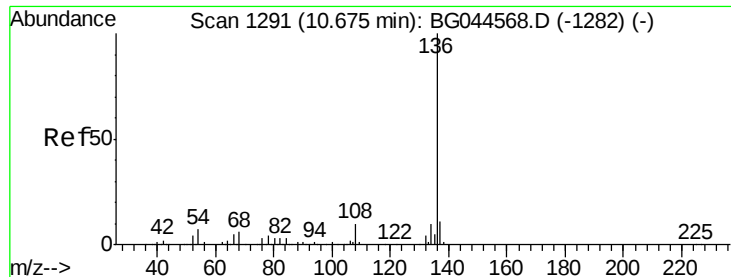
Tot Ion: 45 Resp: 187
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 34.4
 79 0.0 0.0 32.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.200 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.35 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion: 70 Resp: 53810
 Ion Ratio Lower Upper
 70 100
 42 46.1 43.4 65.0
 101 0.0 7.5 11.3#
 130 2.8 18.9 28.3#

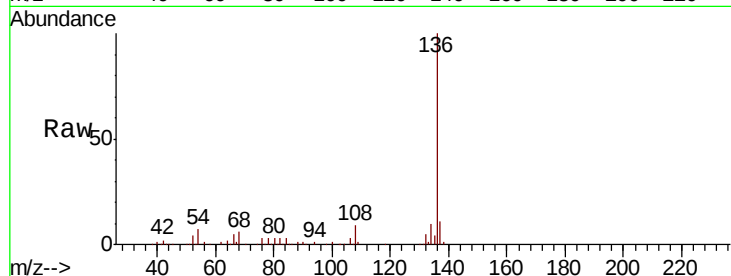




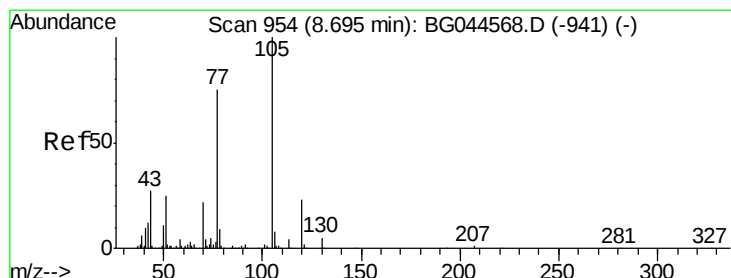
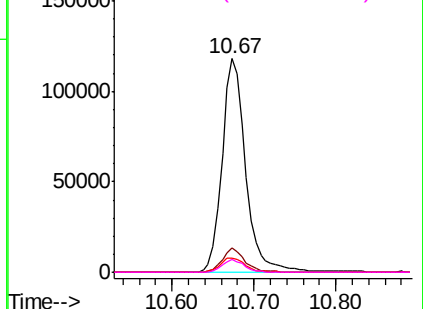
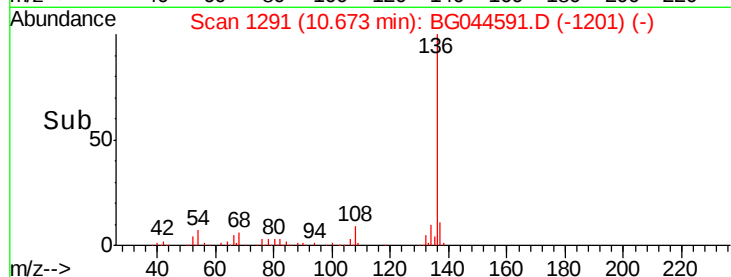
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	236928	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 6.8	5.7	8.5	
68 6.0	4.5	6.7	

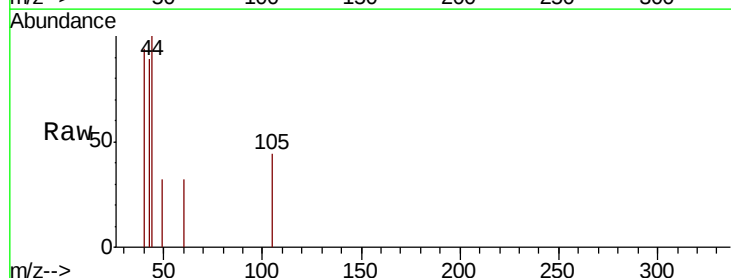


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

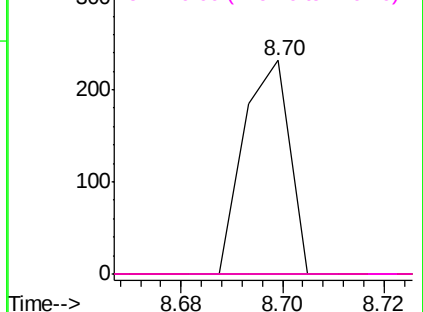
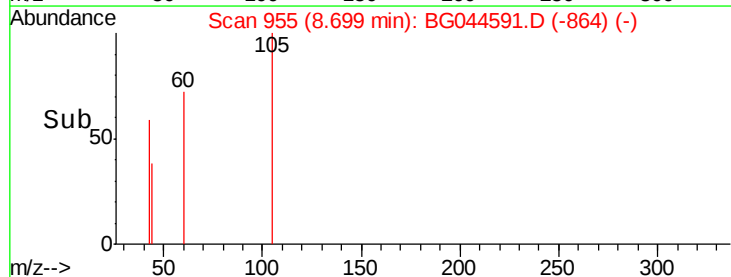


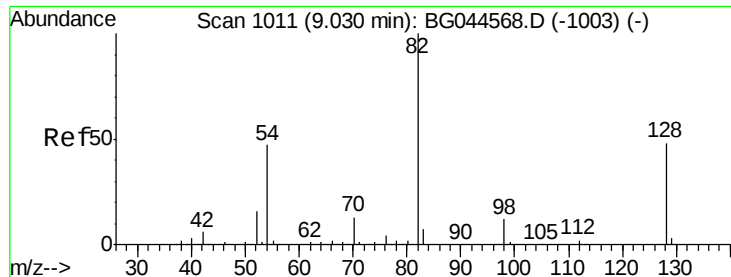
#22
Acetophenone
Concen: 0.025 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion	Ion:105	Resp:	147
105	Ratio 100	Lower	Upper
71	0.0	2.8	4.2#
51	0.0	19.9	29.9#
120	0.0	18.6	28.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

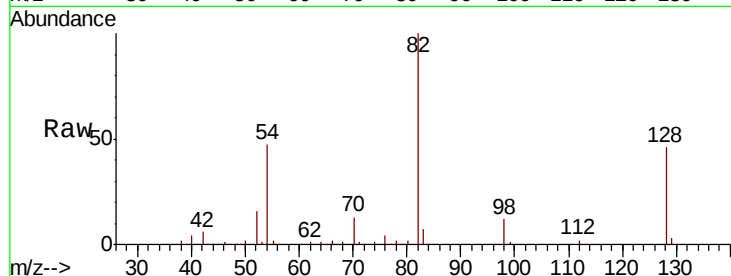




#23
Nitrobenzene-d5
Concen: 92.182 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	423937
Ion Ratio	Lower	Upper	
82	100		
128	45.7	38.1	57.1
54	47.1	37.5	56.3

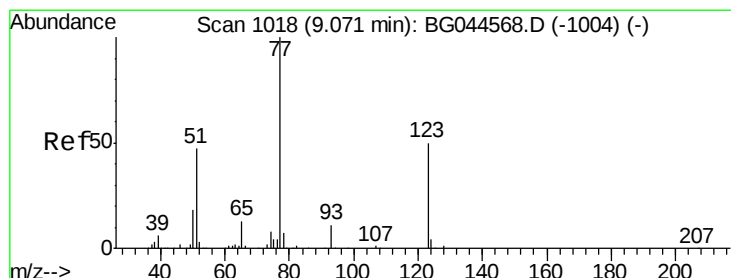
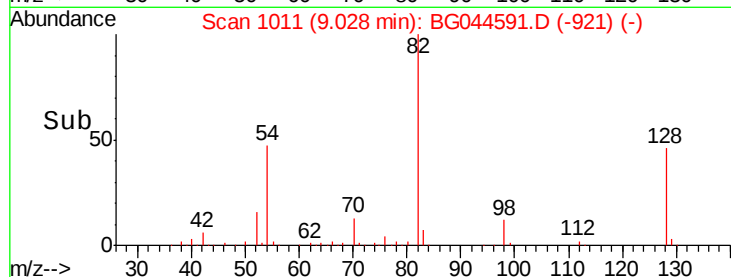
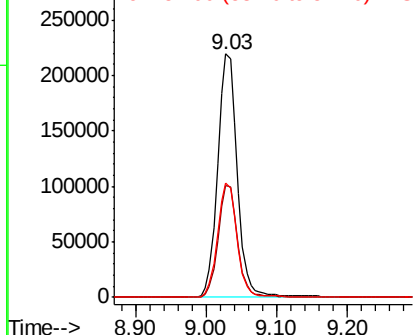


Abundance

Ion 82.00 (81.70 to 82.70): BGC

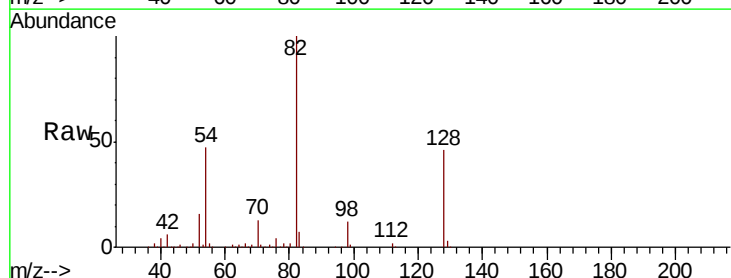
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 0.322 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion	77	Resp	1436
Ion Ratio	Lower	Upper	
77	100		
123	0.0	40.1	60.1#
65	23.3	10.4	15.6#

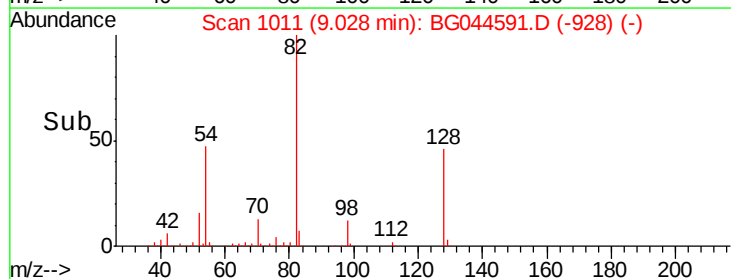
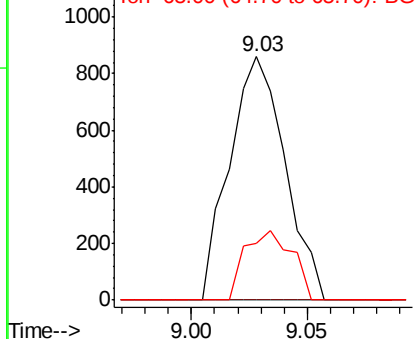


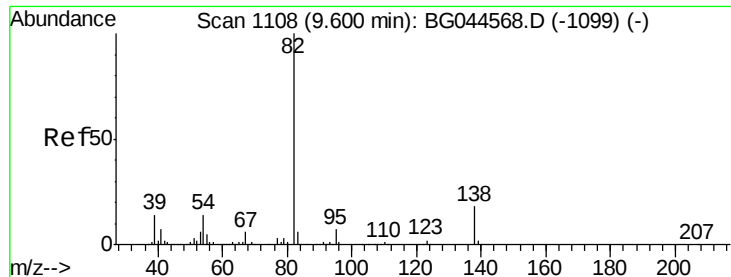
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.055 ng

RT: 9.50 min Scan# 1091

Delta R.T. -0.10 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

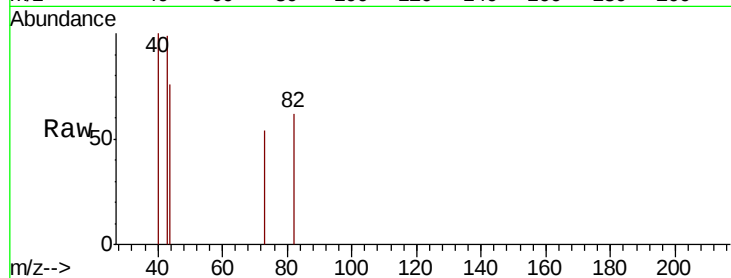
Tot Ion: 82 Resp: 477

Ion Ratio Lower Upper

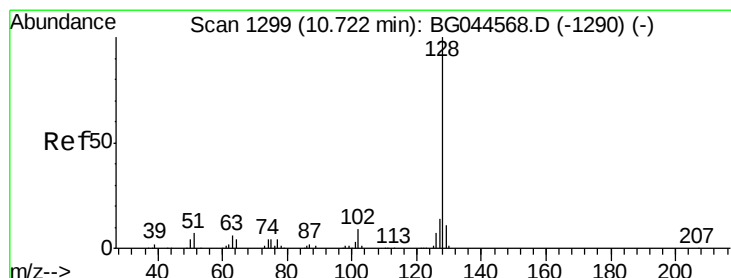
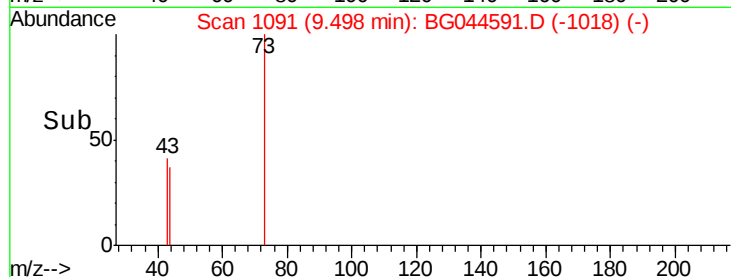
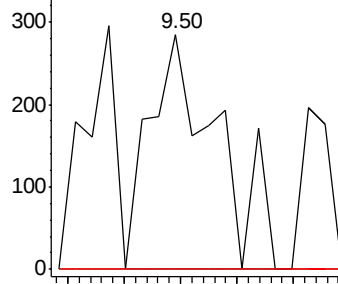
82 100

95 0.0 5.6 8.4#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#31

Naphthalene

Concen: 0.050 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

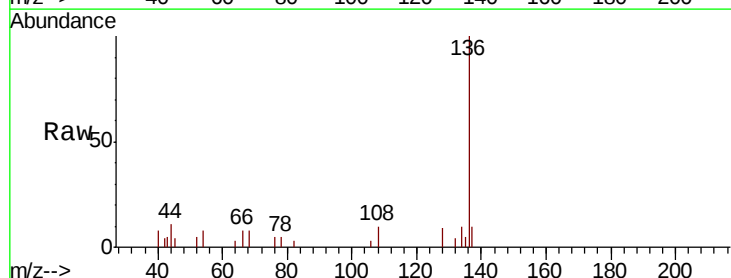
Tgt Ion: 128 Resp: 644

Ion Ratio Lower Upper

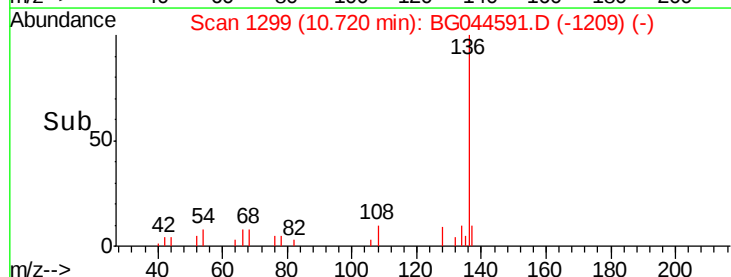
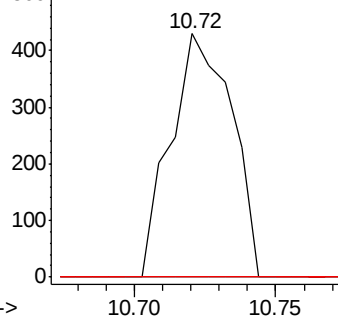
128 100

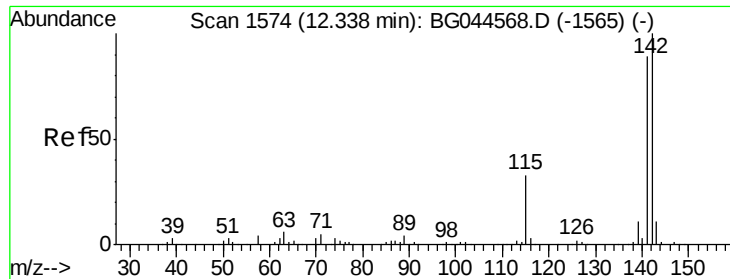
129 0.0 9.0 13.6#

127 0.0 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

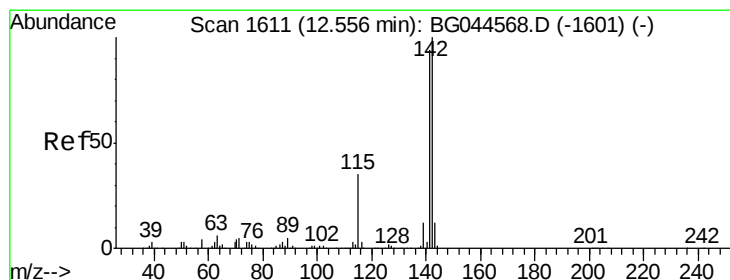
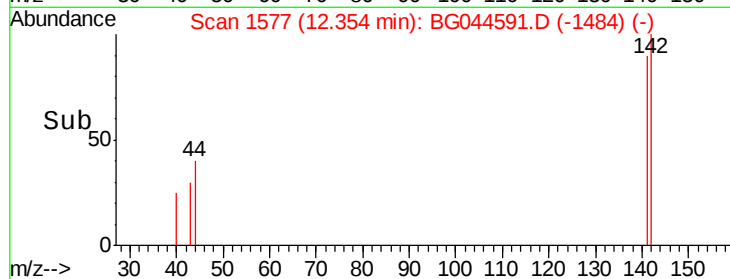
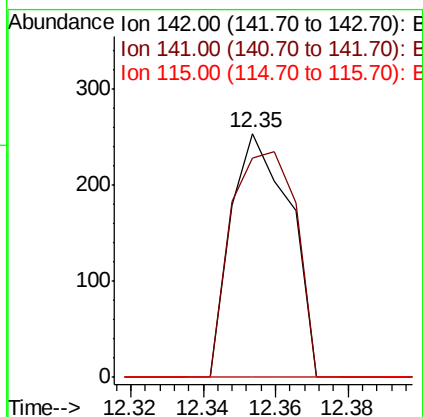
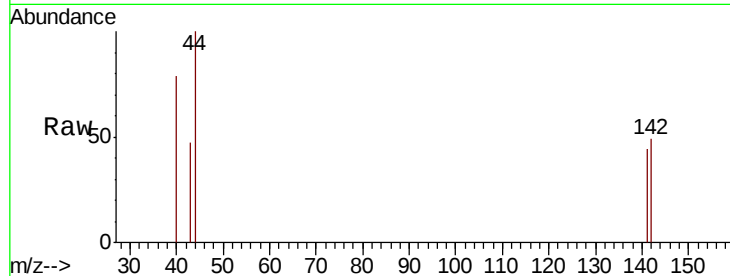




#37
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.35 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

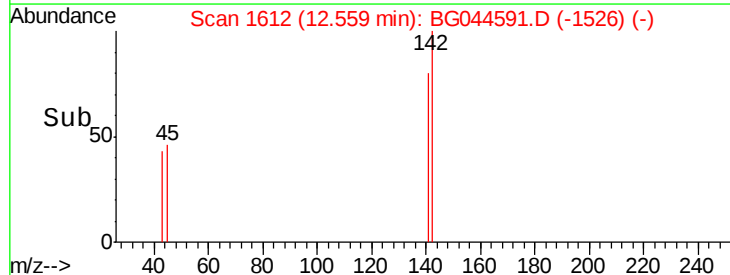
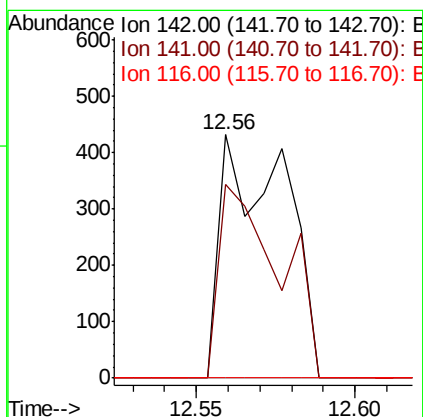
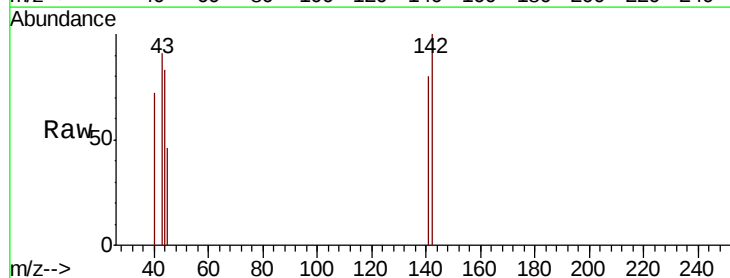
Instrument :
BNA_G
ClientSampleId :

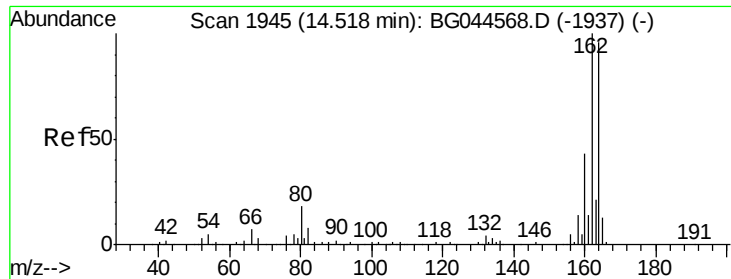
Tot Ion:142 Resp: 285
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 0.0 26.2 39.2#



#38
1-Methylnaphthalene
Concen: 0.067 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion:142 Resp: 607
Ion Ratio Lower Upper
142 100
141 79.6 75.1 112.7
116 0.0 2.6 4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

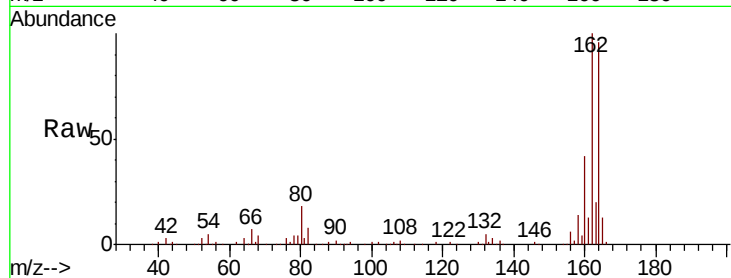
Tot Ion:164 Resp: 155627

Ion Ratio Lower Upper

164 100

162 104.6 83.6 125.4

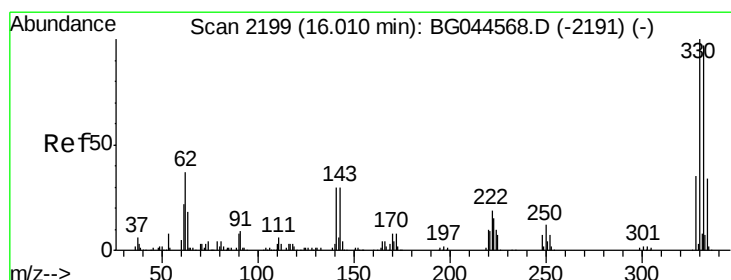
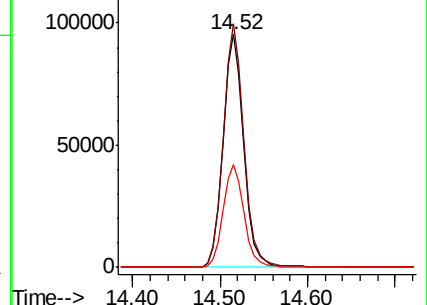
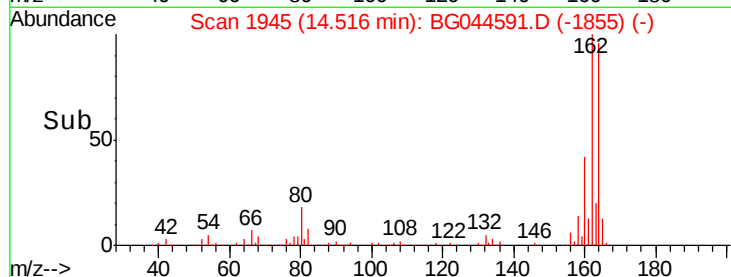
160 44.0 36.2 54.4



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: 133.143 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

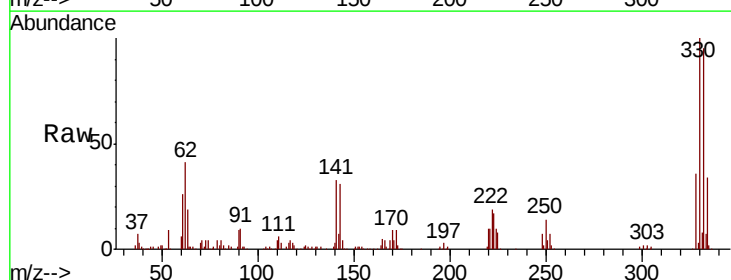
Tgt Ion:330 Resp: 293802

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

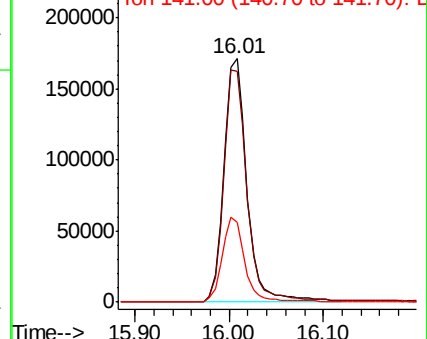
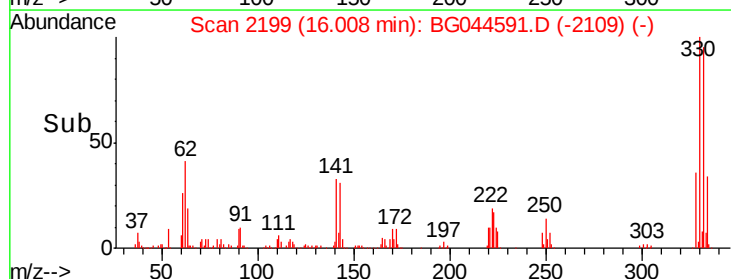
141 34.4 26.1 39.1

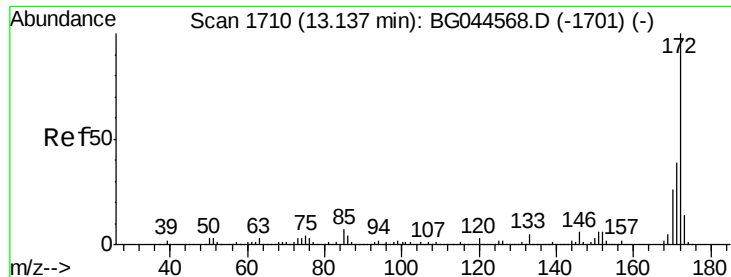


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

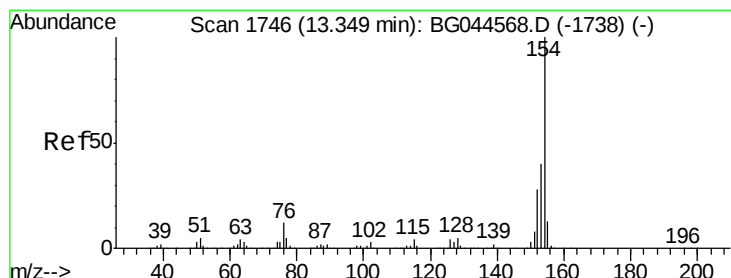
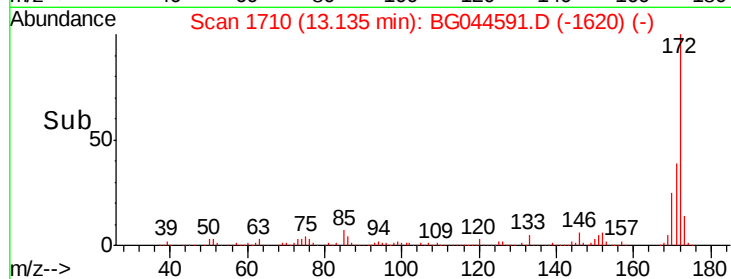
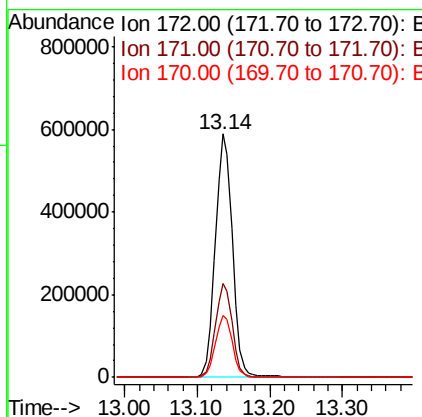
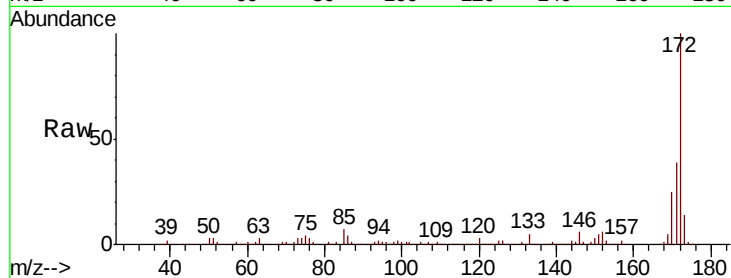




#45
 2-Fluorobiphenyl
 Concen: 89.108 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

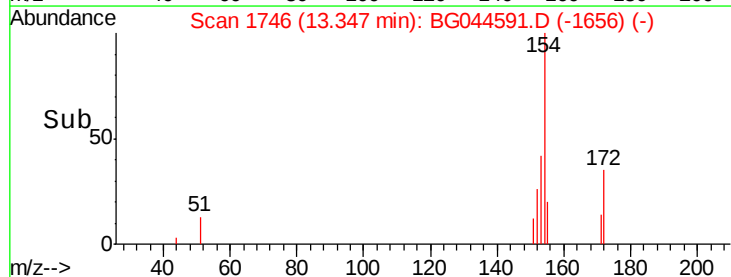
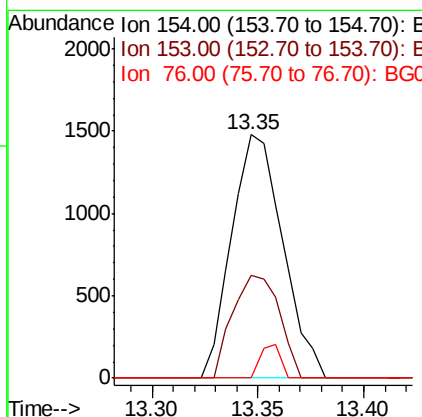
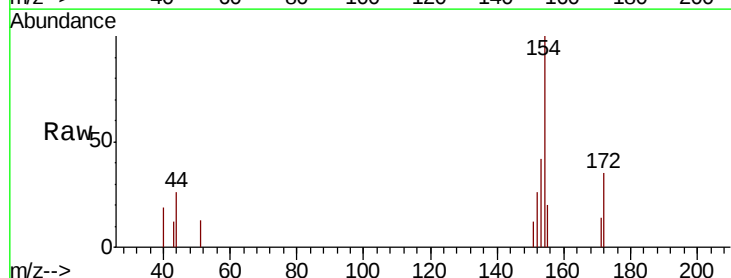
Instrument :
 BNA_G
 ClientSampleId :

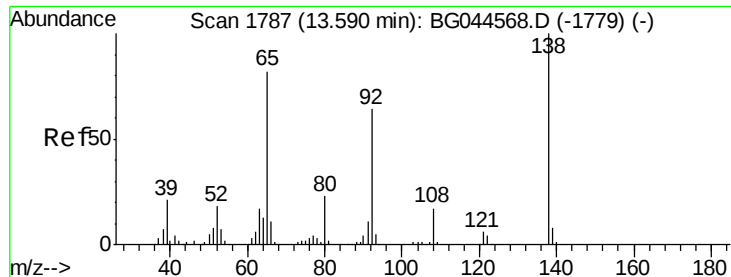
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.2	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 0.193 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.2	60.2
76	0.0	0.0	31.8

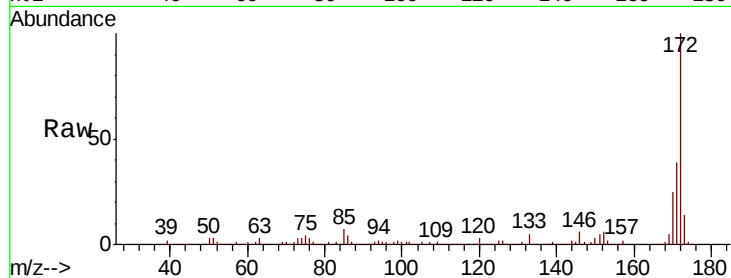




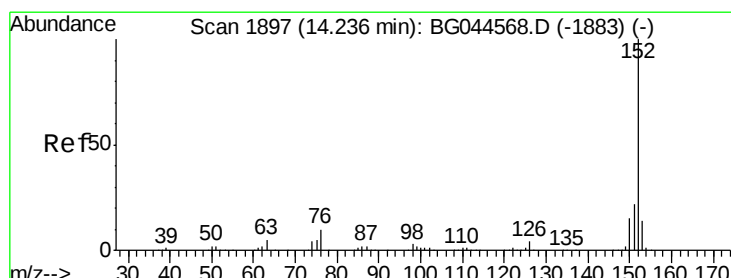
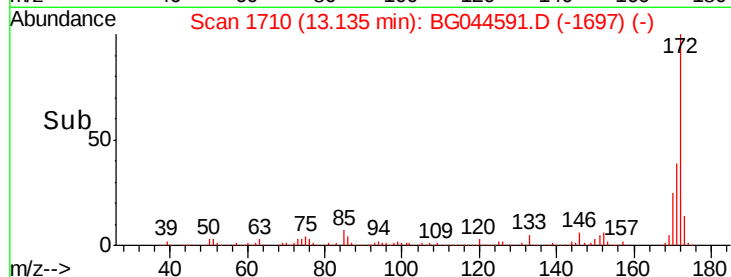
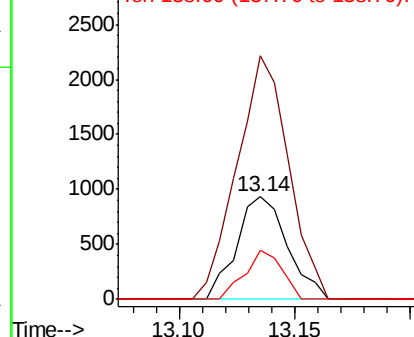
#48
2-Nitroaniline
Concen: 0.510 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.45 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 1431
Ion Ratio Lower Upper
65 100
92 237.0 62.2 93.2#
138 48.4 97.6 146.4#

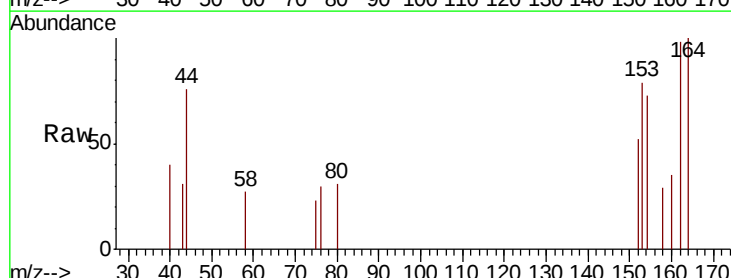


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

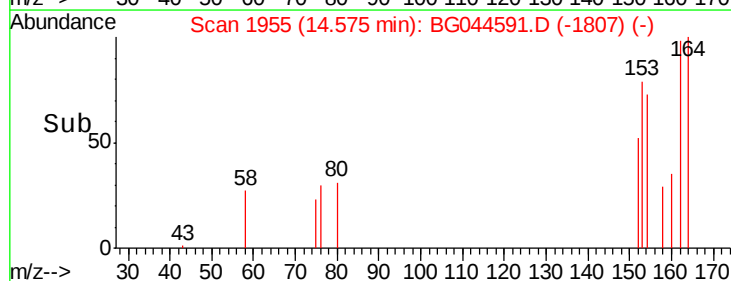
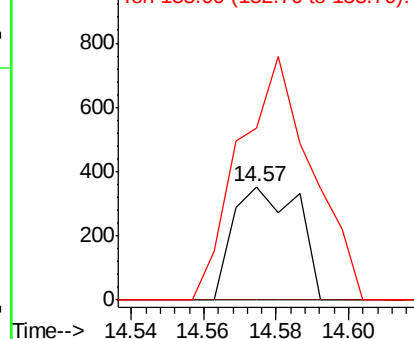


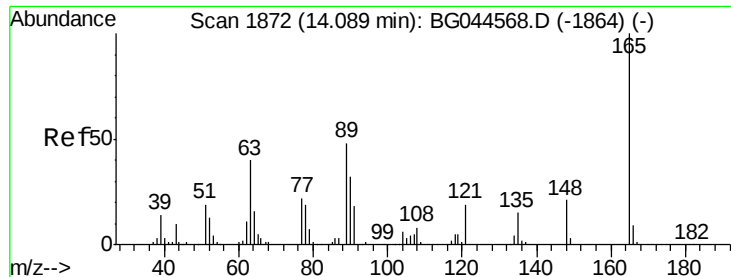
#49
Acenaphthylene
Concen: 0.029 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.34 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion: 152 Resp: 439
Ion Ratio Lower Upper
152 100
151 0.0 17.7 26.5#
153 151.3 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

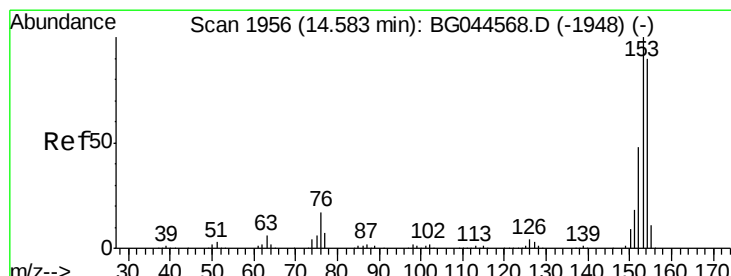
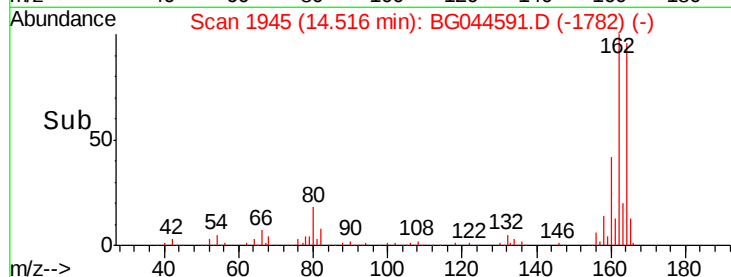
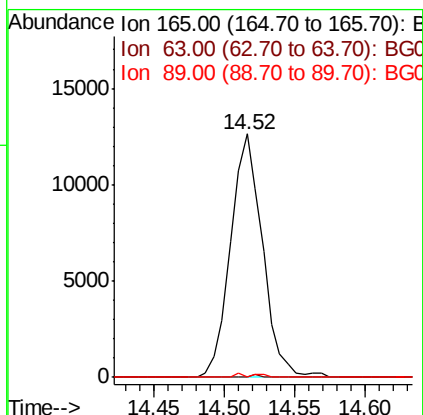
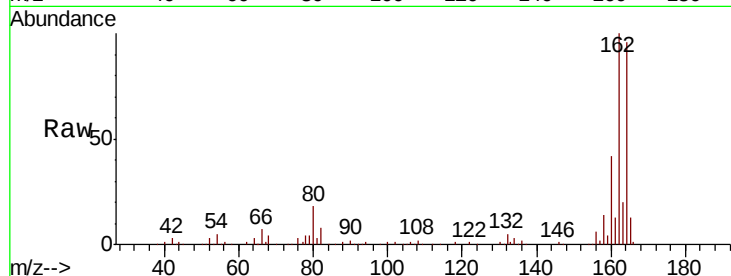




#51
 2,6-Dinitrotoluene
 Concen: 7.185 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. 0.43 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

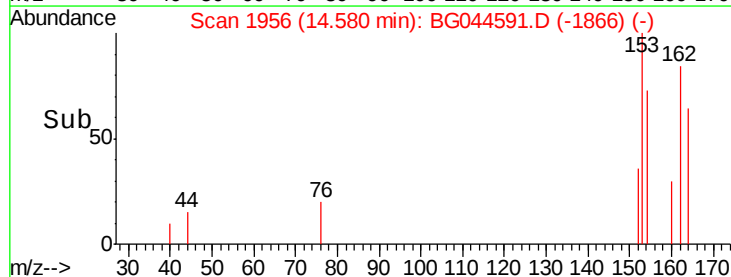
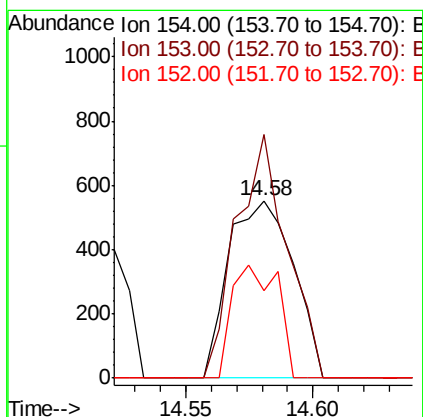
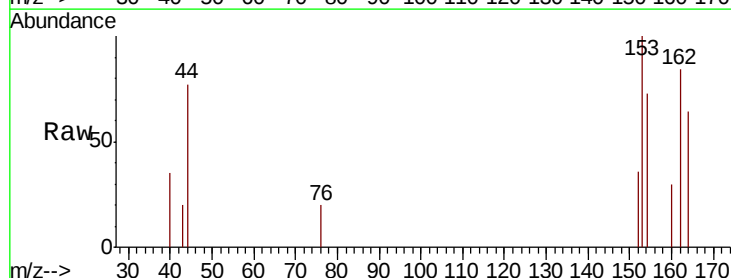
Instrument :
 BNA_G
 ClientSampleId :

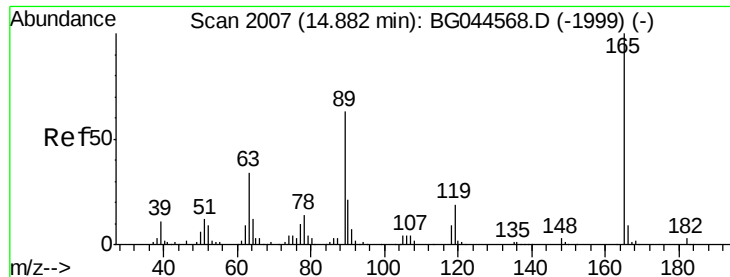
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	0.0	38.7	58.1#



#52
 Acenaphthene
 Concen: 0.103 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	137.6	89.4	134.0#
152	49.7	43.0	64.4

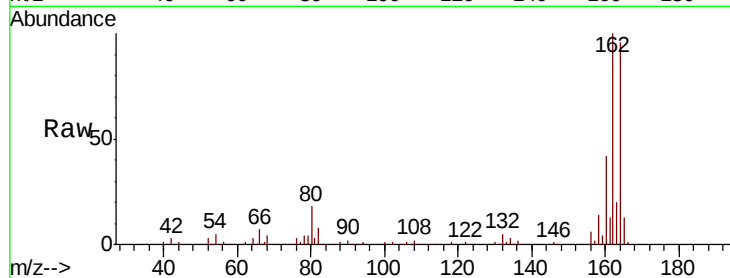




#57
 2,4-Dinitrotoluene
 Concen: 5.111 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Instrument :
 BNA_G
 ClientSampleId :

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



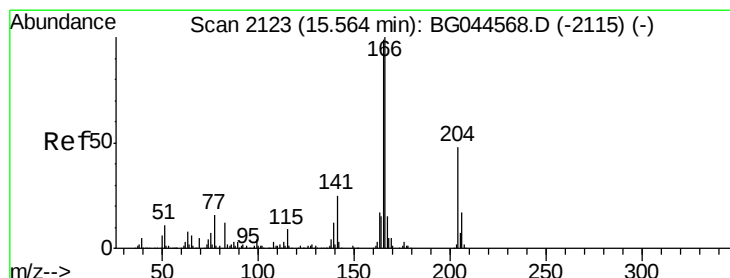
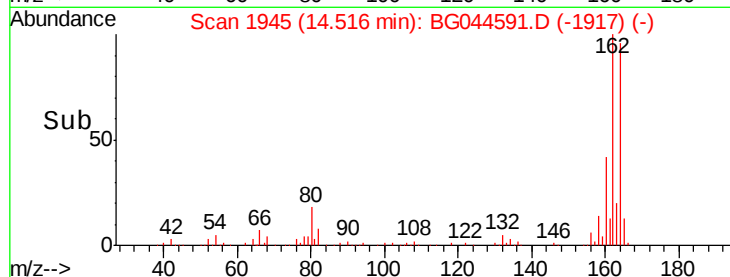
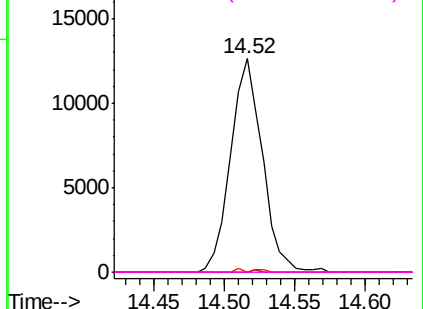
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

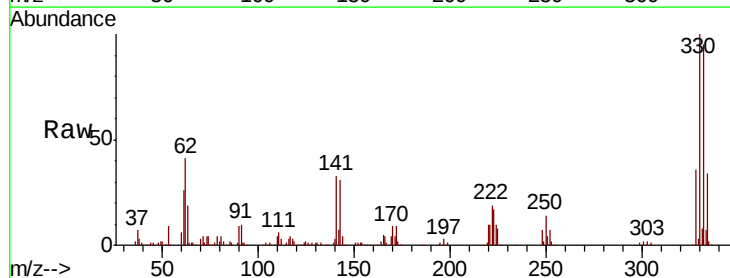
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 1.113 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. 0.44 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.2	118.8
167	32.0	11.7	17.5#

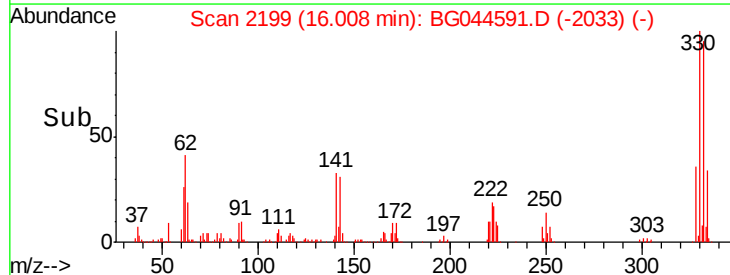
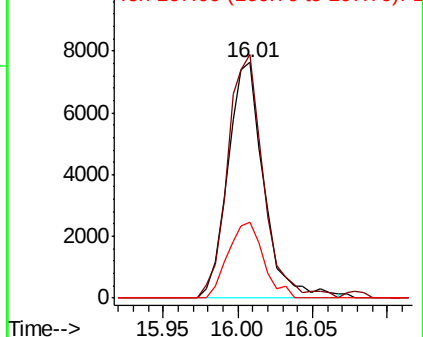


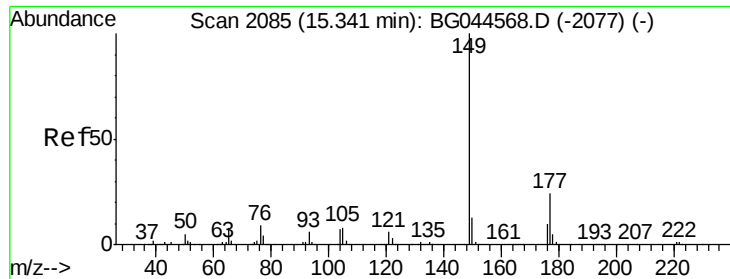
Abundance

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: 0.006 ng

RT: 15.34 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampled :

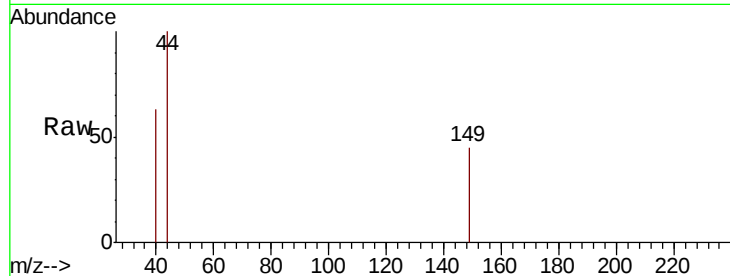
Tot Ion: 149 Resp: 71

Ion Ratio Lower Upper

149 100

177 0.0 19.2 28.8#

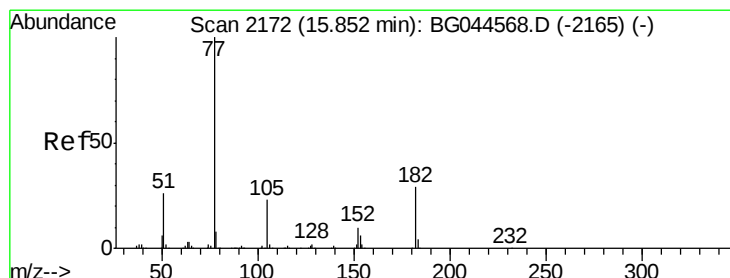
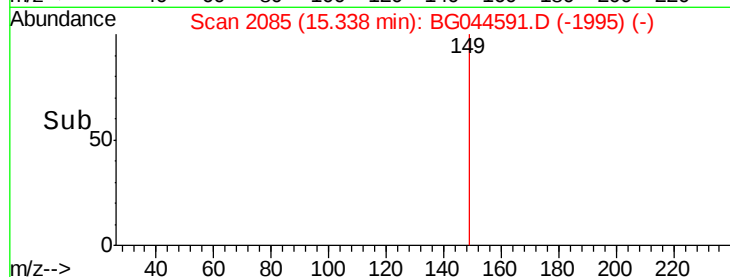
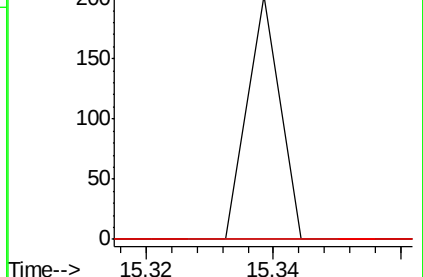
150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Azobenzene

Concen: 0.141 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.16 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Tgt Ion: 77 Resp: 1492

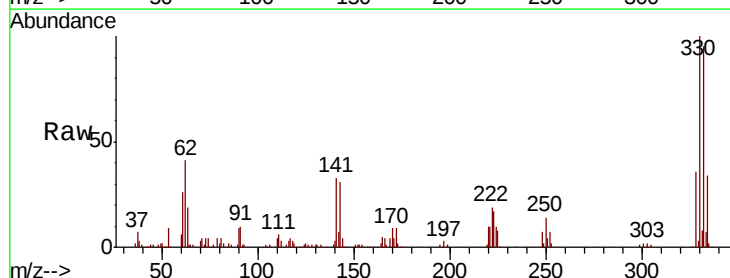
Ion Ratio Lower Upper

77 100

182 0.0 9.4 49.4#

105 84.9 3.4 43.4#

51 61.0 6.4 46.4#

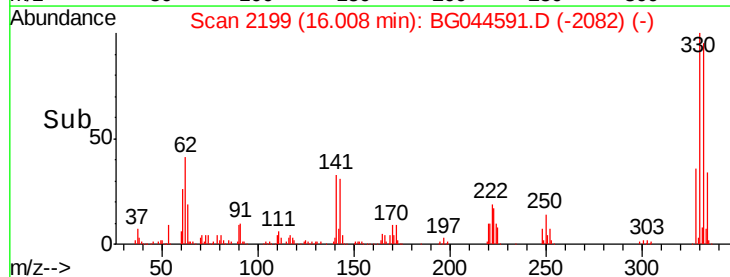
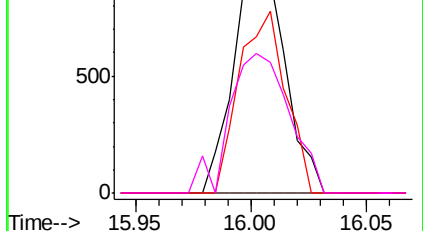


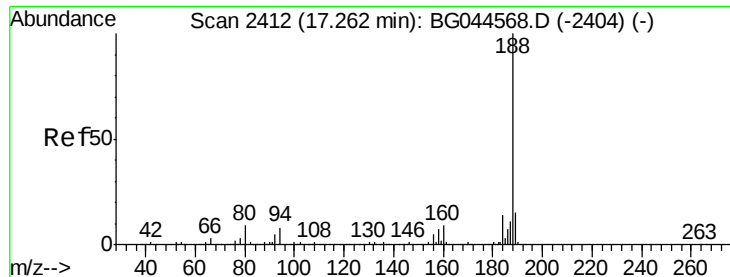
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

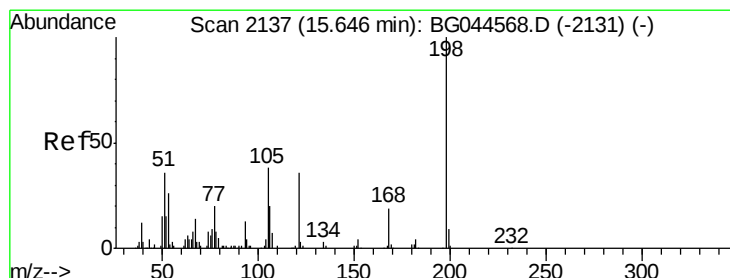
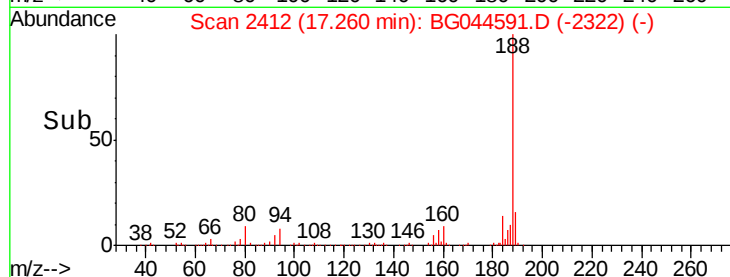
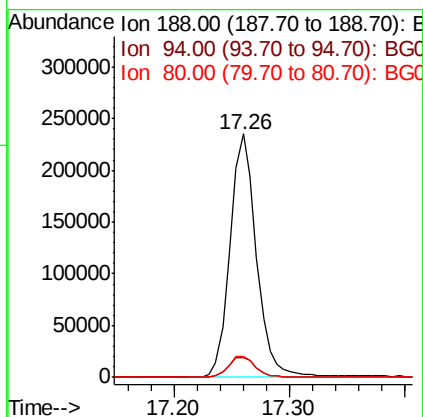
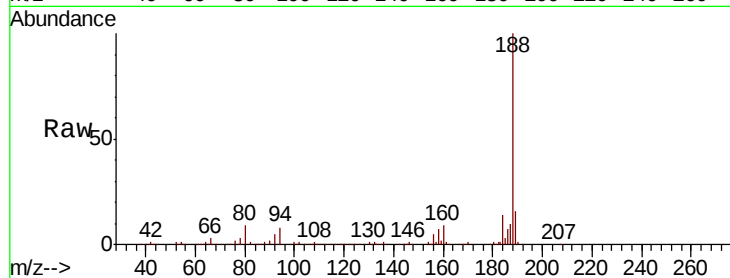




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

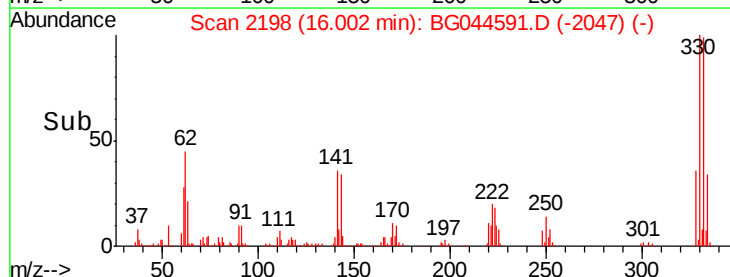
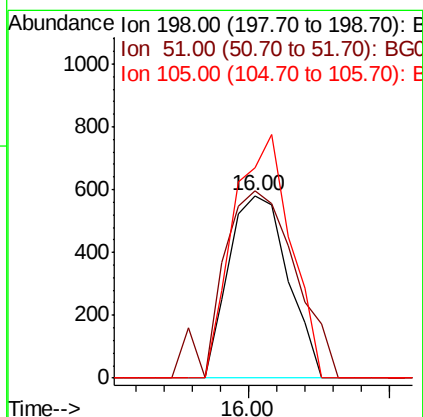
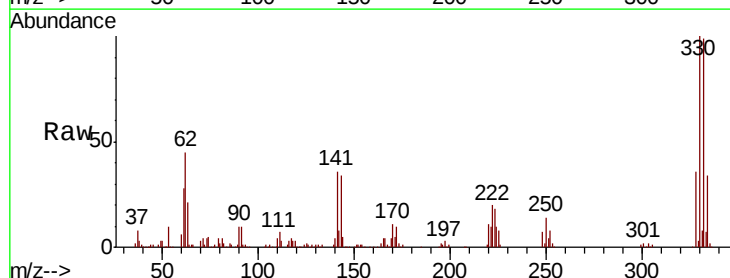
Instrument :
BNA_G
ClientSampleId :

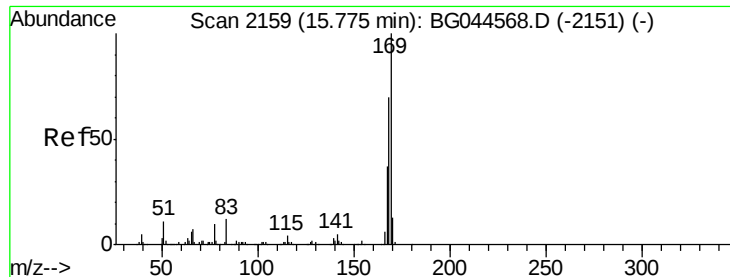
Tot Ion:188 Resp: 373373
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.8 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 0.365 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.36 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion:198 Resp: 844
Ion Ratio Lower Upper
198 100
51 102.2 17.0 57.0#
105 115.1 18.4 58.4#

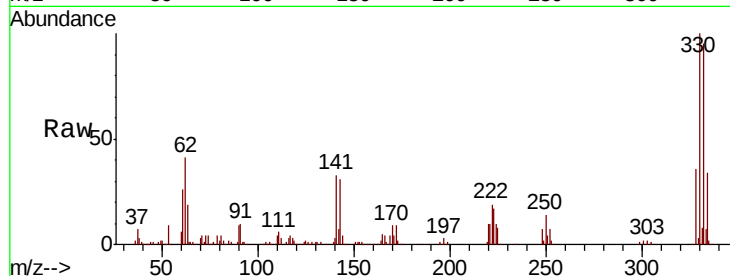




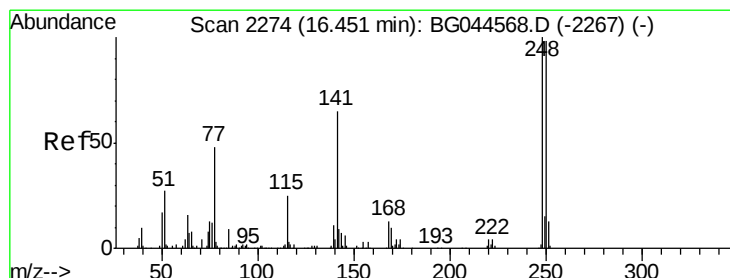
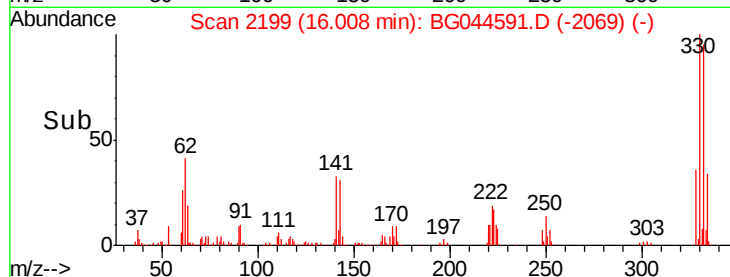
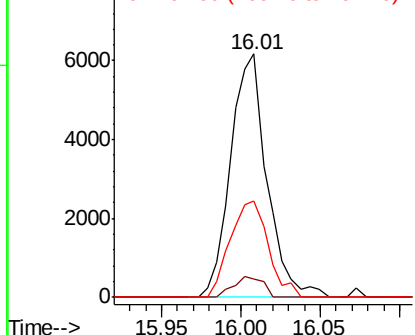
#66
 n-Nitrosodiphenylamine
 Concen: 0.838 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. 0.23 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 9765
 Ion Ratio Lower Upper
 169 100
 168 7.5 56.1 84.1#
 167 39.5 29.4 44.0

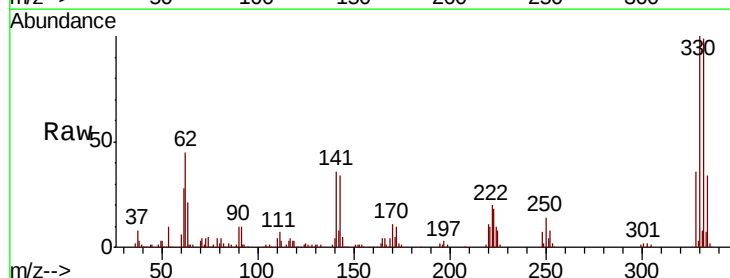


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

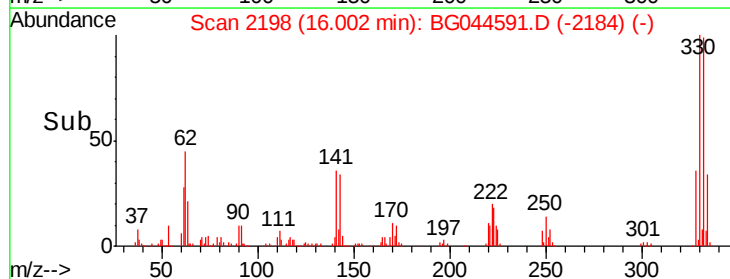
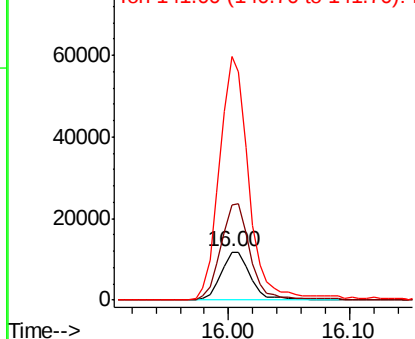


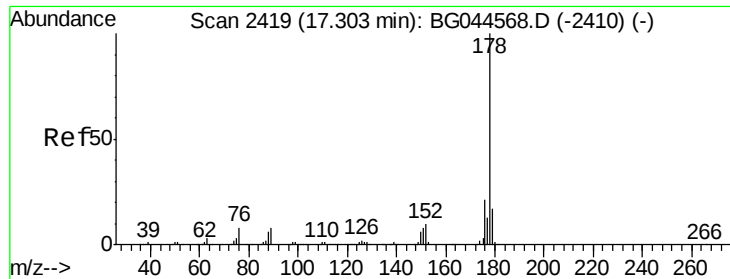
#67
 4-Bromophenyl-phenylether
 Concen: 4.302 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion:248 Resp: 19940
 Ion Ratio Lower Upper
 248 100
 250 196.5 78.7 118.1#
 141 504.6 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





#71

Phenanthrene

Concen: 0.043 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

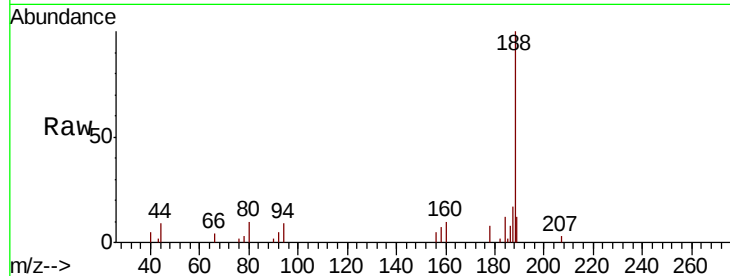
Tot Ion:178 Resp: 897

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

800

600

400

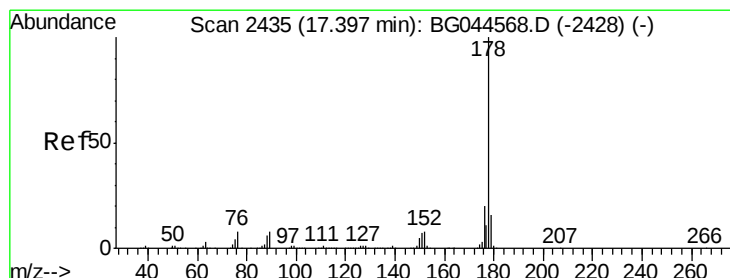
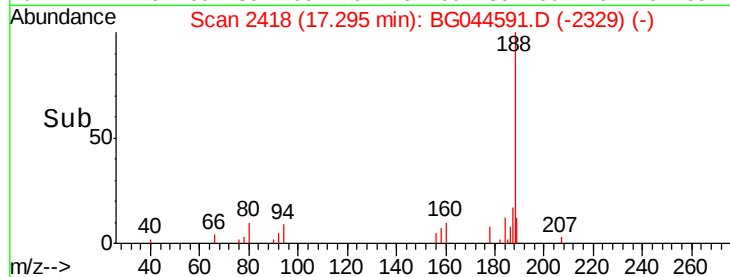
200

0

17.29

17.30

Time-->



#72

Anthracene

Concen: 0.044 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.10 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

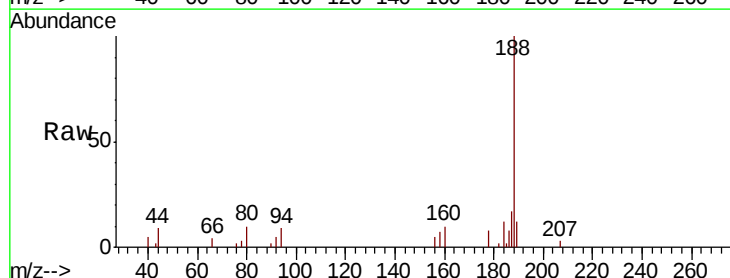
Tgt Ion:178 Resp: 897

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

800

600

400

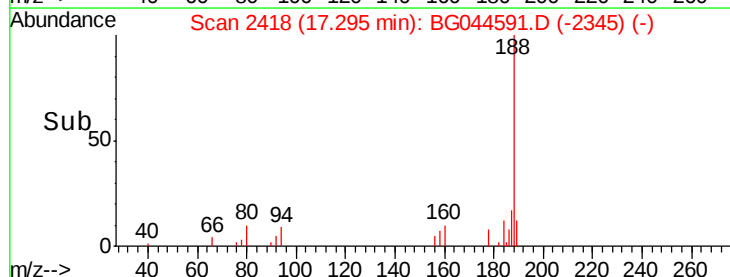
200

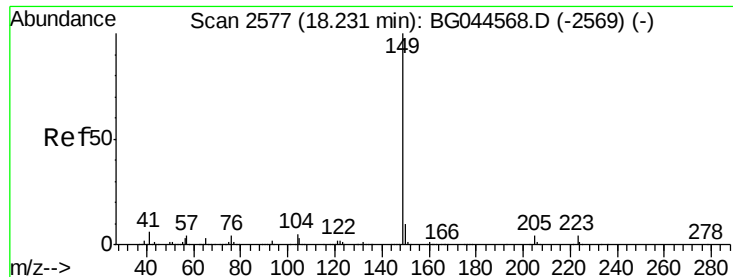
0

17.29

17.30

Time-->





#74

Di-n-butylphthalate

Concen: 0.033 ng

RT: 18.24 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

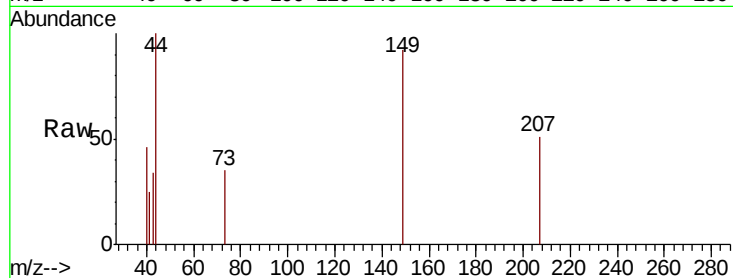
Tot Ion:149 Resp: 766

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

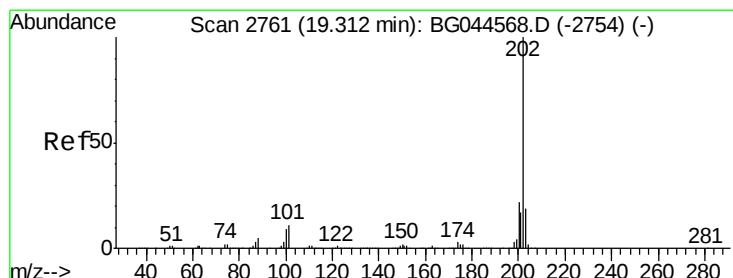
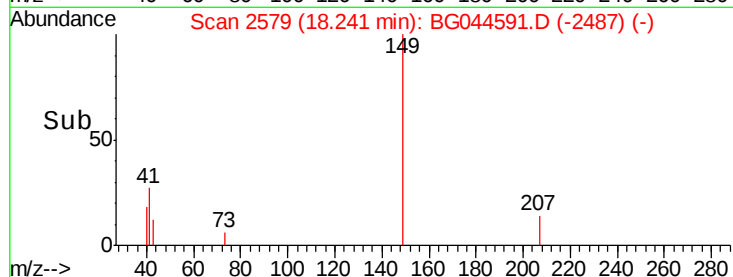
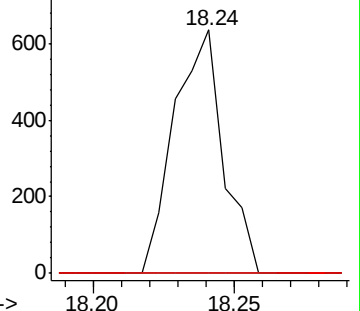
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.010 ng

RT: 19.32 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

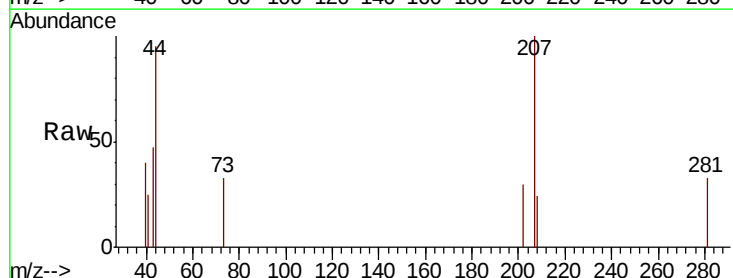
Tgt Ion:202 Resp: 247

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.0

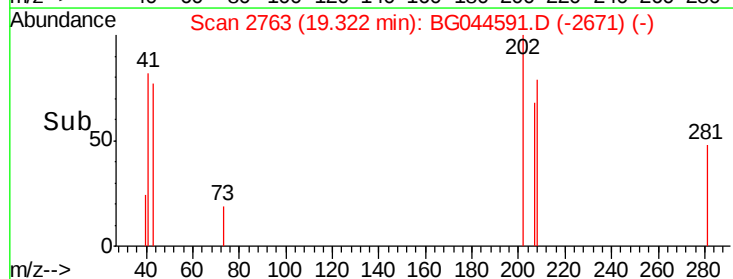
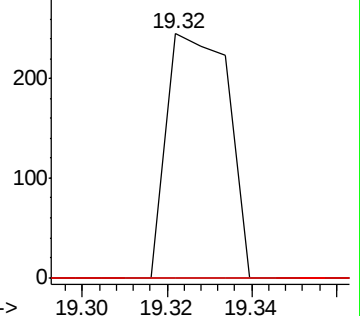
203 0.0 0.0 39.2

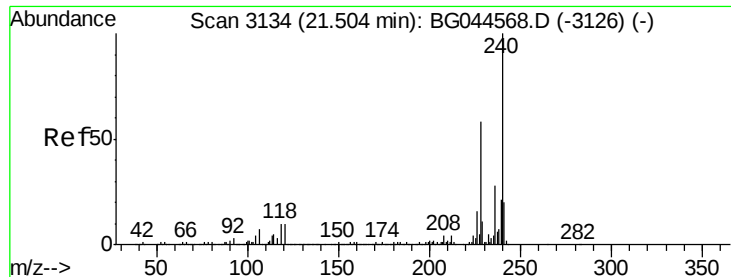


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

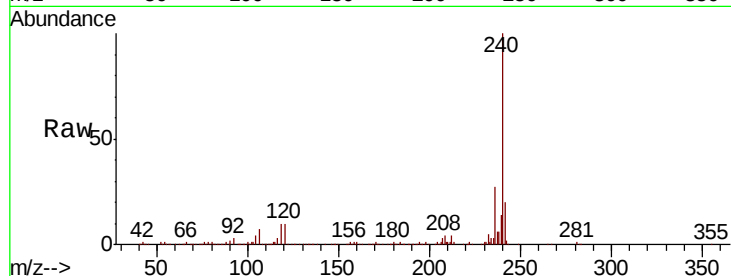




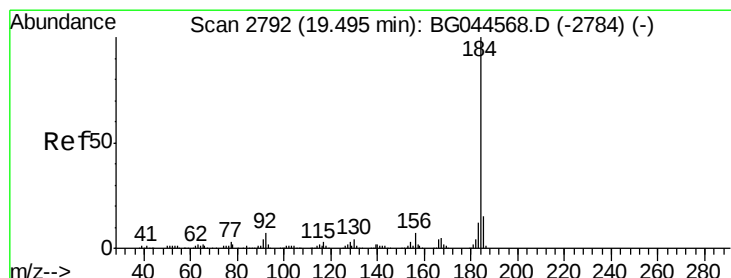
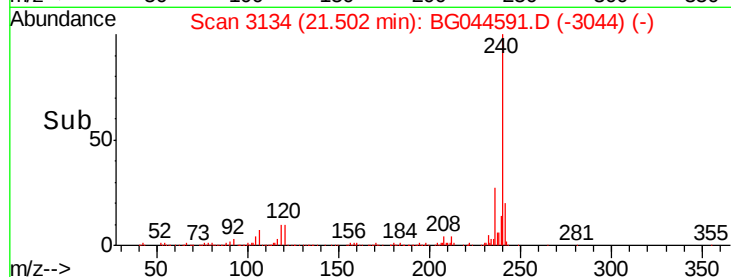
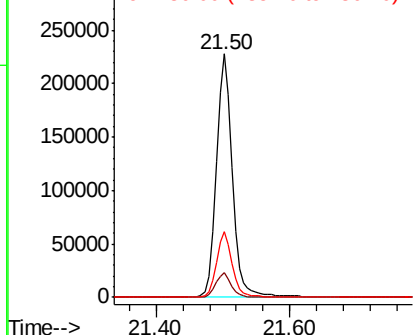
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 386432
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.9 22.3 33.5

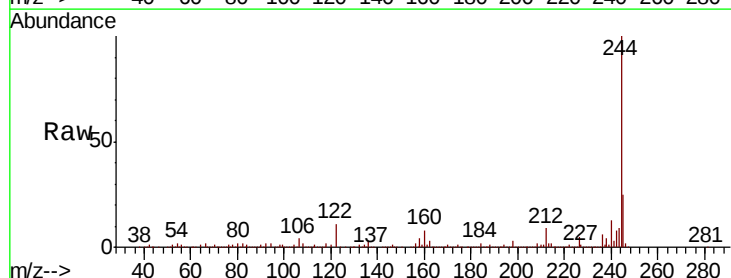


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

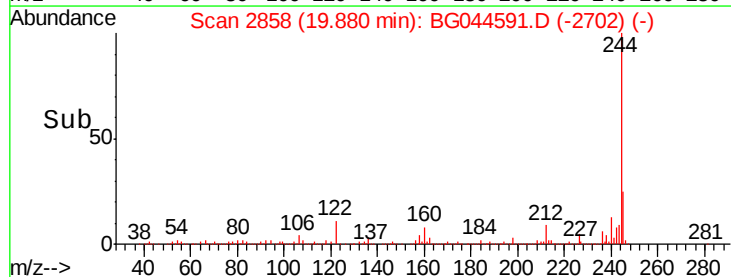
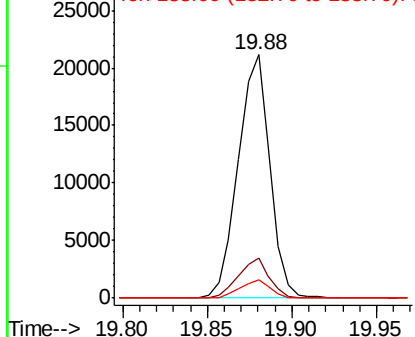


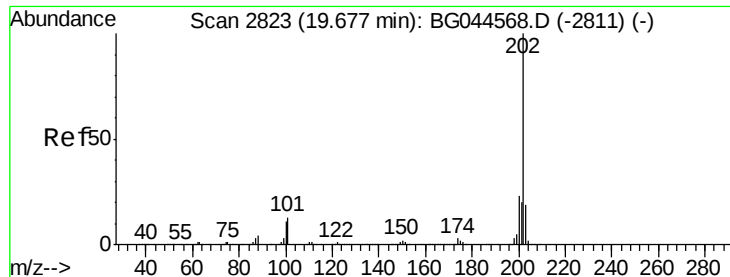
#77
Benzidine
Concen: 2.084 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.39 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion:184 Resp: 27591
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.4
183 7.7 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.011 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampled :

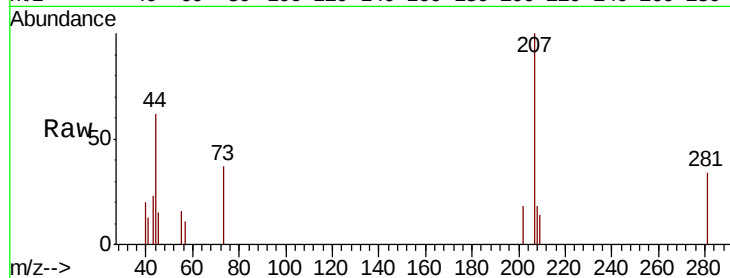
Tot Ion:202 Resp: 300

Ion Ratio Lower Upper

202 100

200 0.0 18.6 28.0#

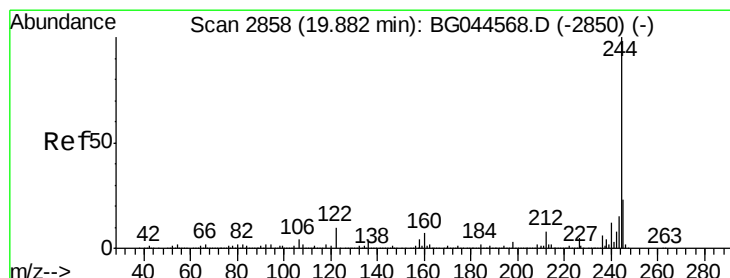
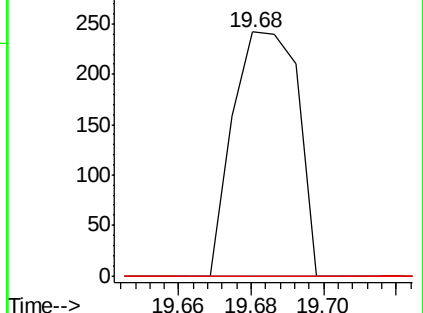
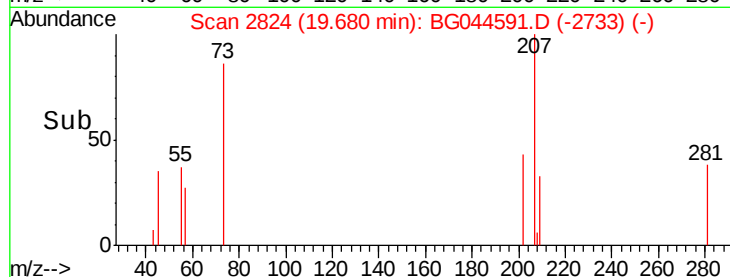
203 0.0 15.3 22.9#



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: 86.369 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

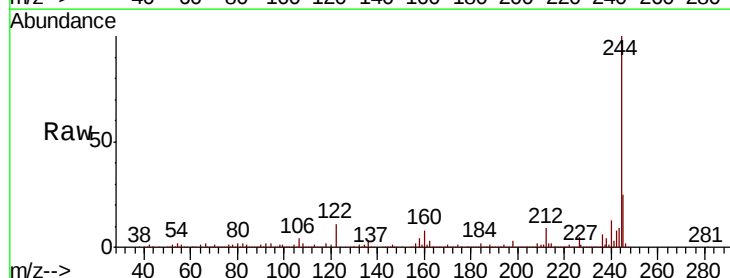
Tgt Ion:244 Resp: 1763050

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

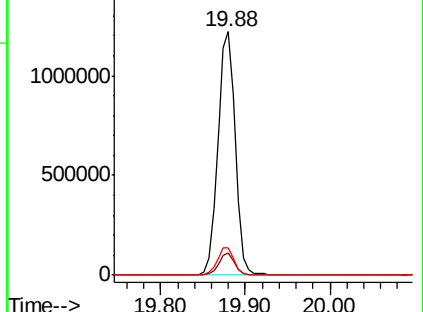
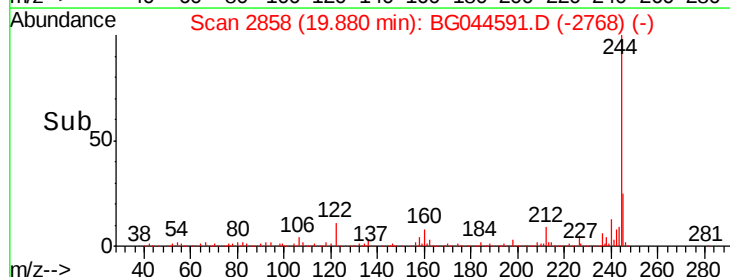
122 11.3 8.2 12.4

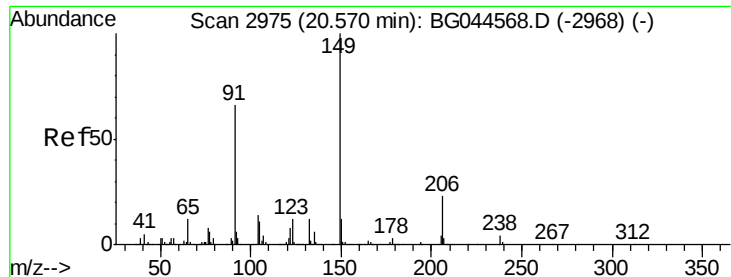


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

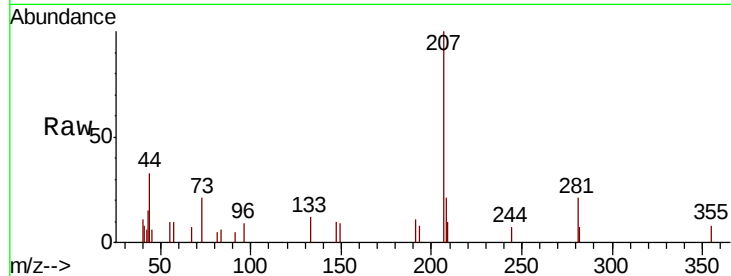




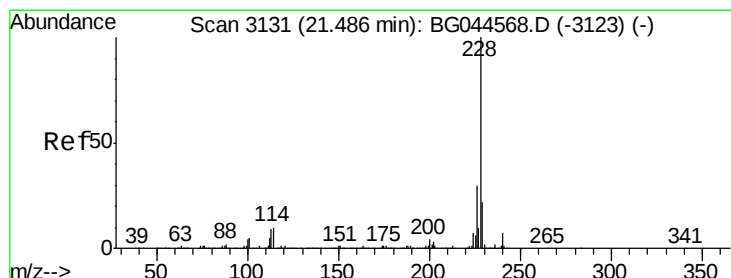
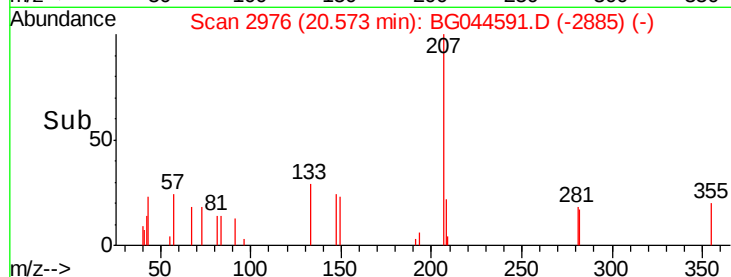
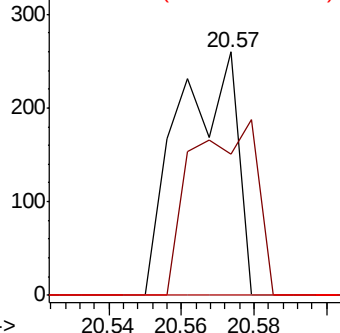
#80
Butylbenzylphthalate
Concen: 0.024 ng
RT: 20.57 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.1	52.7	79.1
206	0.0	18.6	28.0

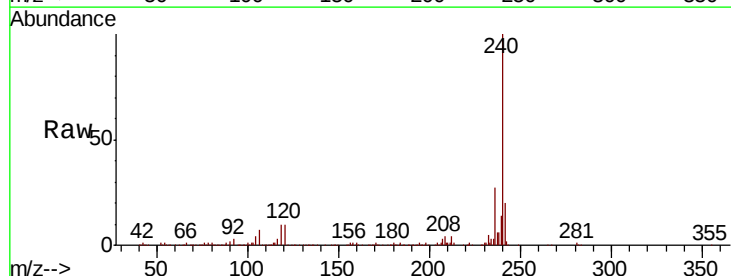


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

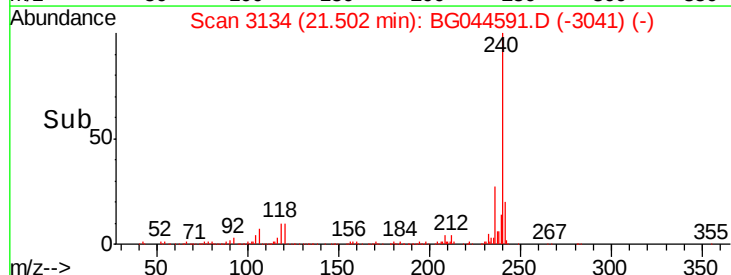
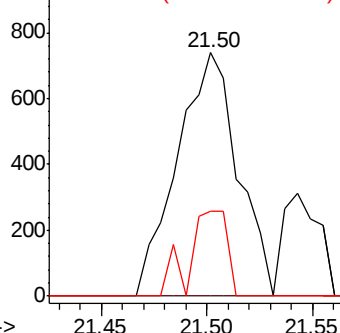


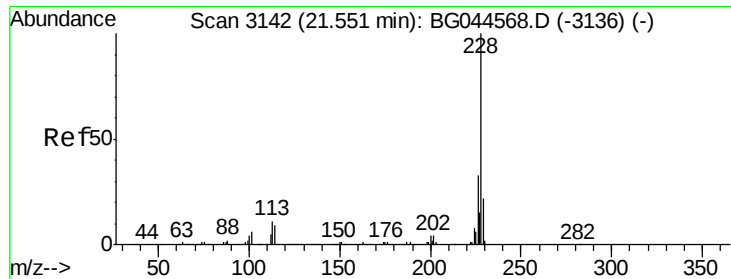
#81
Benzo(a)anthracene
Concen: 0.054 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.02 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8
229	34.8	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

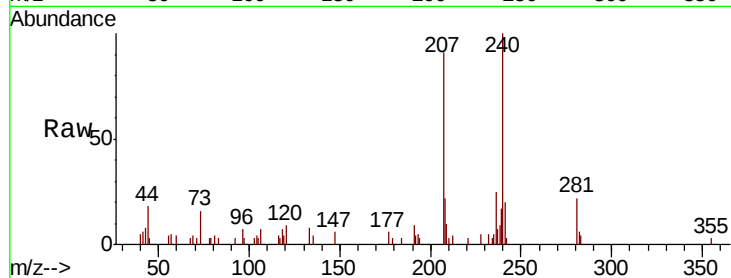




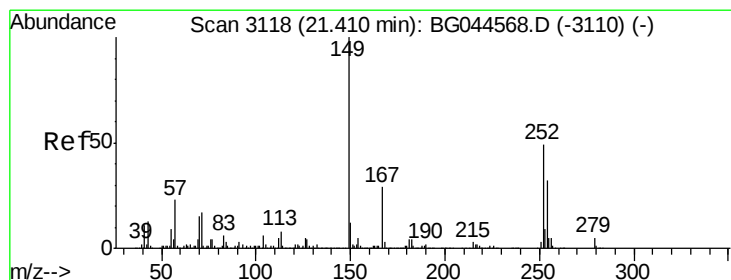
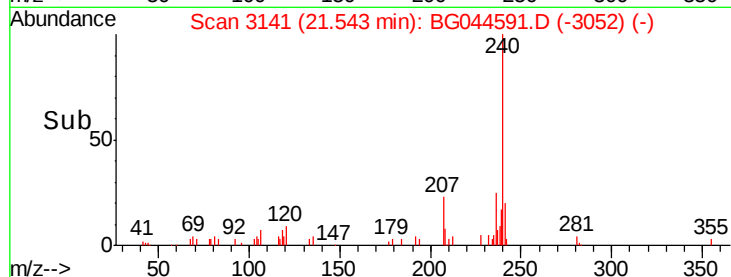
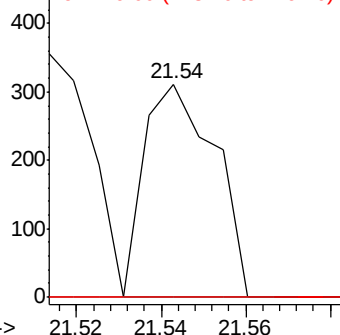
#83
 Chrvsene
 Concen: 0.014 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 362
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.1 39.1#
 229 0.0 17.2 25.8#

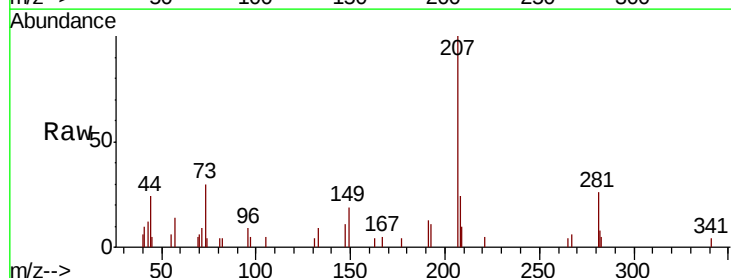


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

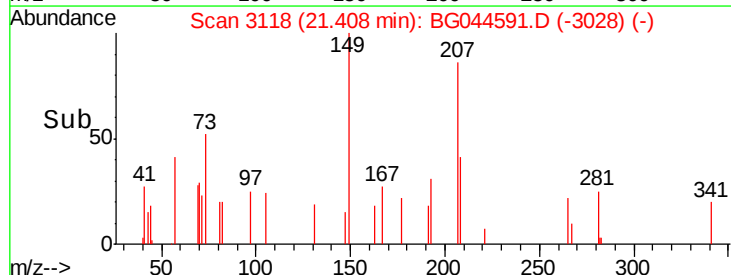
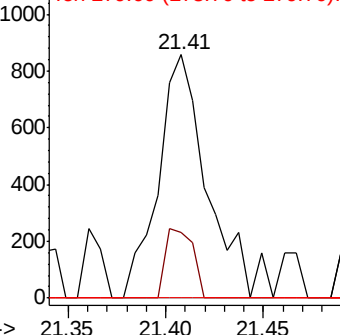


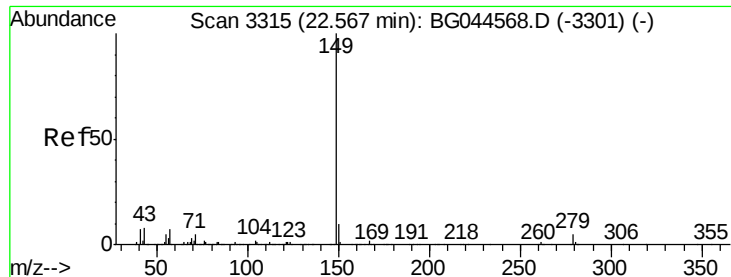
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion:149 Resp: 1513
 Ion Ratio Lower Upper
 149 100
 167 26.8 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

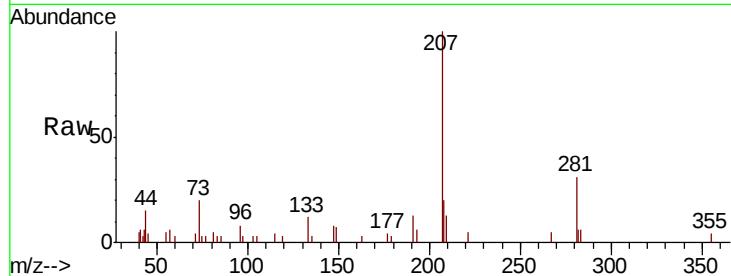




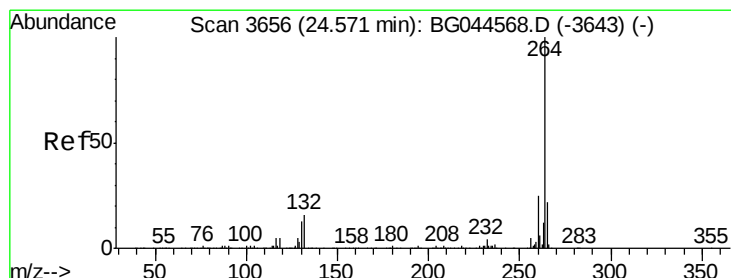
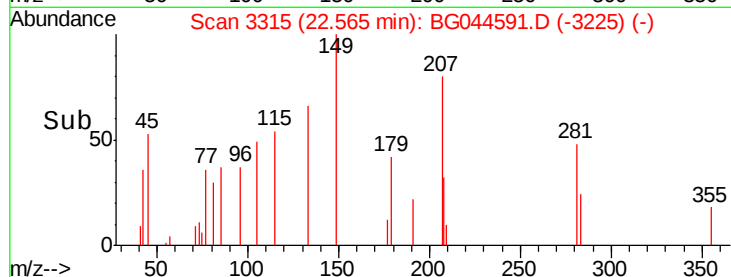
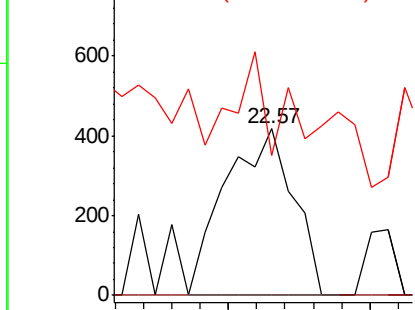
#85
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 22.57 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 700
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 83.9 6.6 10.0#

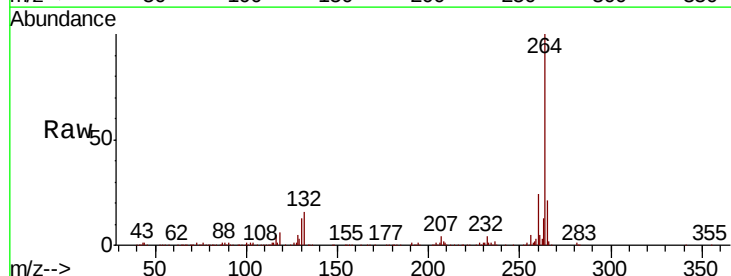


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

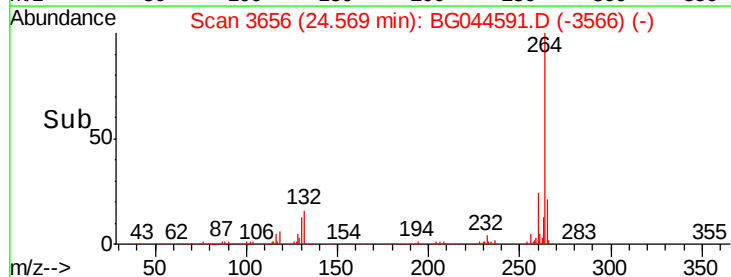
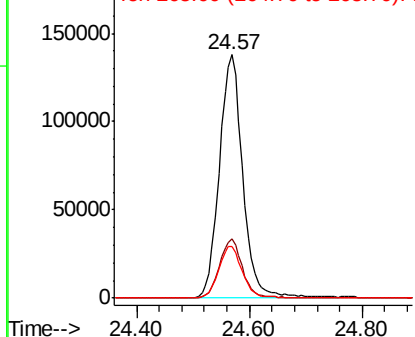


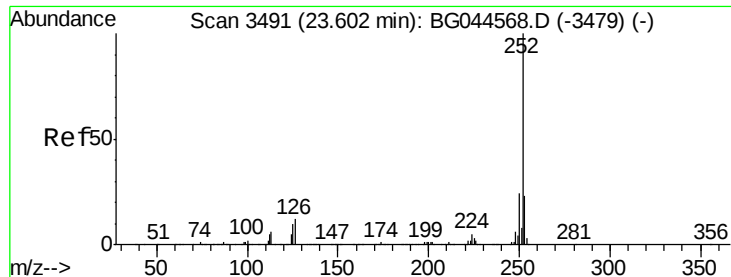
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion:264 Resp: 397642
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 21.3 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

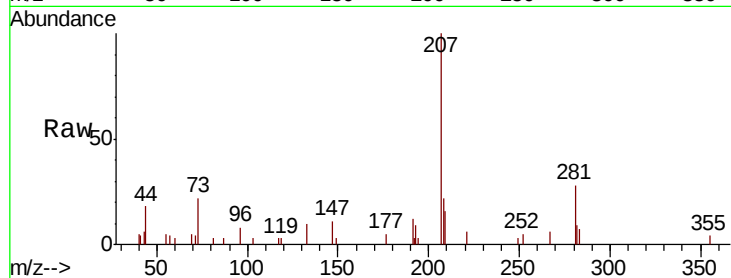




#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

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#

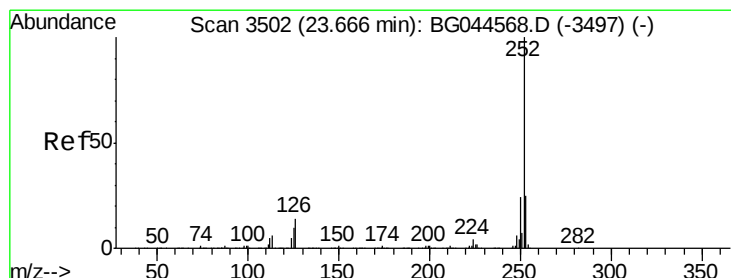
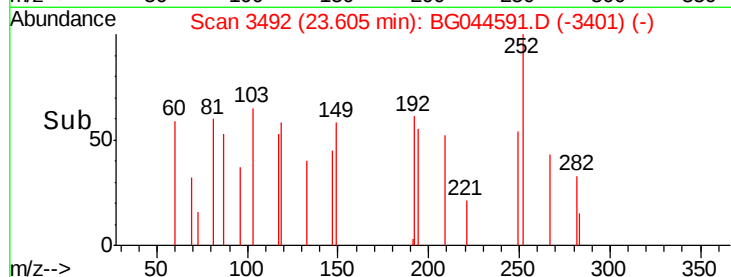
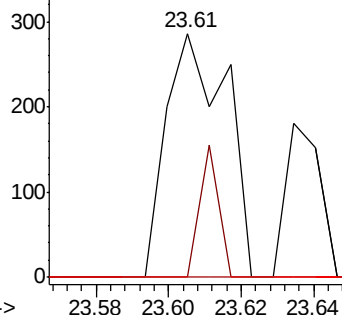


Abundance

Ion 252.00 (251.70 to 252.70): E

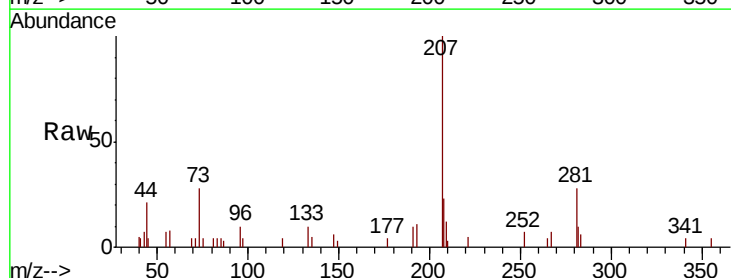
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 0.015 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

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

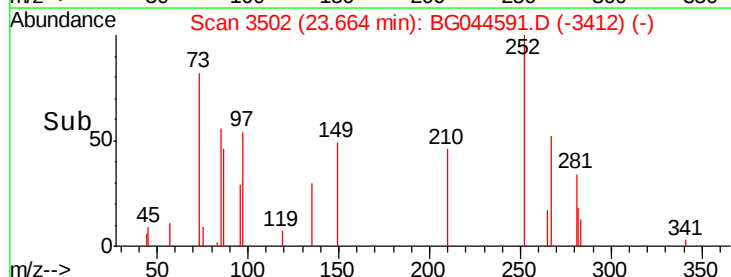
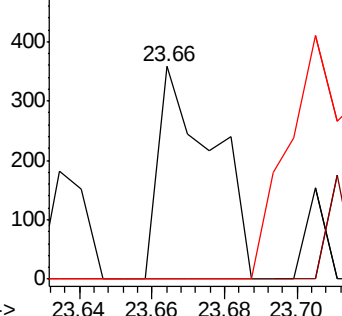


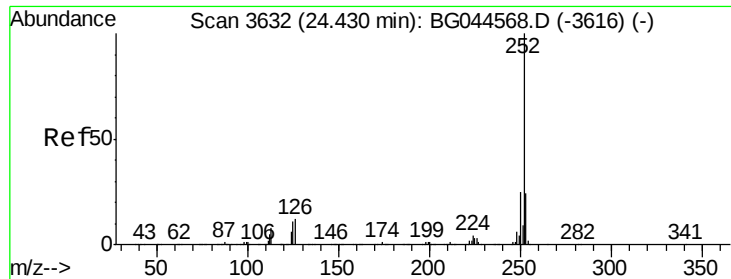
Abundance

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





#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 24.43 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

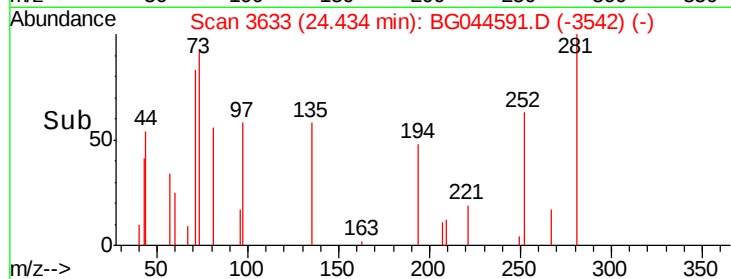
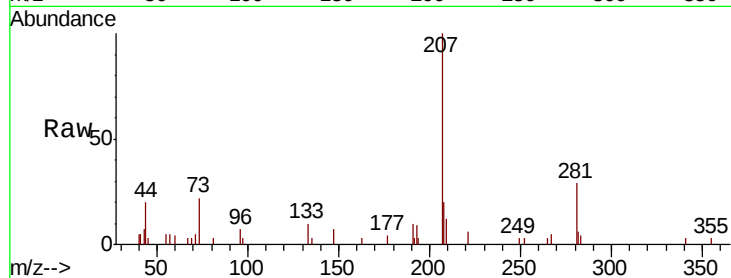
Tot Ion: 252 Resp: 140

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

125 0.0 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

