

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044588.D
 Acq On : 25 Feb 2020 22:34
 Operator : CG/JU
 Sample : L1655-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:03:07 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	58975	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	250686	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	167664	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	389903	20.00	ng	0.00
76) Chrysene-d12	21.50	240	367831	20.00	ng	0.00
87) Perylene-d12	24.56	264	418987	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	398115	108.31	ng	0.00
7) Phenol-d6	7.05	99	526657	104.68	ng	0.00
23) Nitrobenzene-d5	9.03	82	307723	63.24	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	228822	96.25	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	731912	62.51	ng	0.00
79) Terphenyl-d14	19.88	244	1319221	67.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	61482	38.331	ng	99
3) Pyridine	3.72	79	152661	34.110	ng	98
4) n-Nitrosodimethylamine	3.64	42	77490	45.587	ng	99
6) Aniline	7.20	93	141339	23.073	ng	99
8) 2-Chlorophenol	7.44	128	191832	47.810	ng	98
9) Benzaldehyde	7.00	77	74112	25.050	ng	99
10) Phenol	7.08	94	235370	48.274	ng	98
11) bis(2-Chloroethyl)ether	7.29	93	174047	42.462	ng	95
12) 1,3-Dichlorobenzene	7.76	146	200978	41.996	ng	97
13) 1,4-Dichlorobenzene	7.91	146	202883	42.183	ng	98
14) 1,2-Dichlorobenzene	8.23	146	190101	41.563	ng	98
15) Benzyl Alcohol	8.11	79	152196	44.853	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	224561	40.765	ng	99
17) 2-Methylphenol	8.32	107	159580	45.815	ng	97
18) Hexachloroethane	8.95	117	72388	41.184	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	135585	41.924	ng	98
20) 3+4-Methylphenols	8.65	107	216231	45.343	ng	97
22) Acetophenone	8.70	105	256450	40.746	ng	100
24) Nitrobenzene	9.07	77	192838	40.905	ng	98
25) Isophorone	9.60	82	371442	40.805	ng	98
26) 2-Nitrophenol	9.79	139	107731	42.138	ng	97
27) 2,4-Dimethylphenol	9.85	122	176615	49.200	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	235205	39.072	ng	98
29) 2,4-Dichlorophenol	10.33	162	188928	44.021	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	191385	38.559	ng	99
31) Naphthalene	10.72	128	554533	40.539	ng	98
32) Benzoic acid	10.02	122	63335	47.841	ng	98
33) 4-Chloroaniline	10.84	127	60794	10.090	ng	98
34) Hexachlorobutadiene	11.02	225	114973	36.886	ng	97
35) Caprolactam	11.60	113	33914	22.074	ng	97
36) 4-Chloro-3-methylphenol	11.97	107	201454	45.601	ng	99
37) 2-Methylnaphthalene	12.33	142	416233	41.172	ng	99
38) 1-Methylnaphthalene	12.56	142	395093	41.129	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	208437	36.928	ng	98

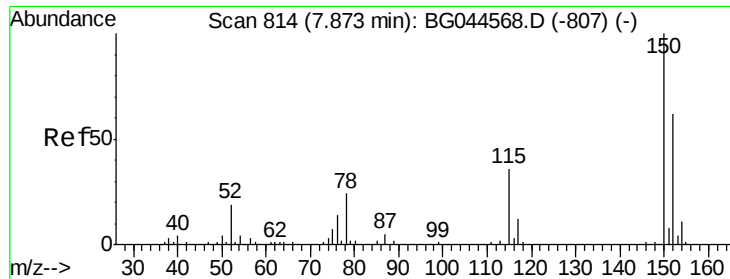
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
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 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	205759	76.861	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	153600	41.910	ng	98
44) 2,4,5-Trichlorophenol	13.03	196	166981	44.353	ng	96
46) 1,1'-Biphenyl	13.35	154	534315	38.509	ng	97
47) 2-Chloronaphthalene	13.39	162	416981	38.325	ng	99
48) 2-Nitroaniline	13.59	65	124668	41.278	ng	98
49) Acenaphthylene	14.24	152	669634	41.695	ng	100
50) Dimethylphthalate	13.97	163	578855	42.775	ng	99
51) 2,6-Dinitrotoluene	14.09	165	126503	42.386	ng	99
52) Acenaphthene	14.58	154	409327	39.982	ng	100
53) 3-Nitroaniline	14.42	138	58572	18.197	ng	96
54) 2,4-Dinitrophenol	14.63	184	124092	70.981	ng	96
55) Dibenzofuran	14.92	168	652488	41.573	ng	99
56) 4-Nitrophenol	14.75	139	230378	104.050	ng	96
57) 2,4-Dinitrotoluene	14.88	165	179228	42.713	ng	98
58) Fluorene	15.56	166	522820	42.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	155185	44.761	ng	98
60) Diethylphthalate	15.34	149	568388	42.390	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	276883	40.921	ng	99
62) 4-Nitroaniline	15.59	138	128128	39.754	ng	97
63) Azobenzene	15.85	77	496518	43.511	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	106757	44.220	ng	99
66) n-Nitrosodiphenylamine	15.77	169	497680	40.920	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	187002	38.638	ng	98
68) Hexachlorobenzene	16.57	284	207833	37.982	ng	98
69) Atrazine	16.73	200	199045	44.270	ng	98
70) Pentachlorophenol	16.92	266	221002	82.308	ng	98
71) Phenanthrene	17.30	178	880329	40.782	ng	99
72) Anthracene	17.39	178	907930	42.680	ng	99
73) Carbazole	17.66	167	828666	42.795	ng	100
74) Di-n-butylphthalate	18.23	149	1021065	42.081	ng	98
75) Fluoranthene	19.31	202	1083073	42.384	ng	99
77) Benzidine	19.49	184	335568	26.632	ng	98
78) Pyrene	19.68	202	1090724	40.849	ng	99
80) Butylbenzylphthalate	20.57	149	477990	40.926	ng	99
81) Benzo(a)anthracene	21.49	228	1065579	41.218	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	190744	18.676	ng	99
83) Chrysene	21.55	228	1017165	40.694	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	686841	42.679	ng	99
85) Di-n-octyl phthalate	22.56	149	1187399	41.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1318471	41.102	ng	100
88) Benzo(b)fluoranthene	23.60	252	1160741	42.136	ng	100
89) Benzo(k)fluoranthene	23.67	252	1082314	40.492	ng	100
90) Benzo(a)pyrene	24.43	252	1043728	40.326	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1091148	42.627	ng	100
92) Benzo(g,h,i)perylene	29.14	276	1109950	43.279	ng	100

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

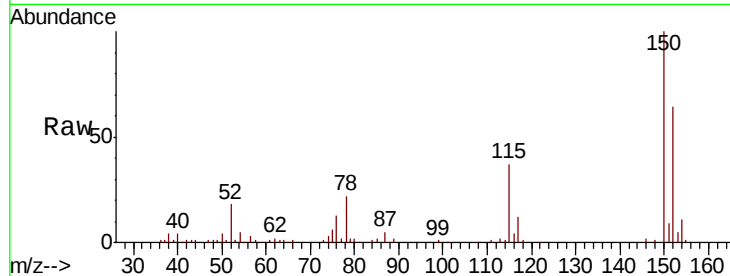


#1

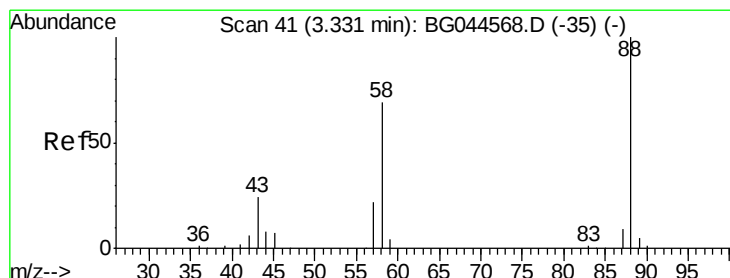
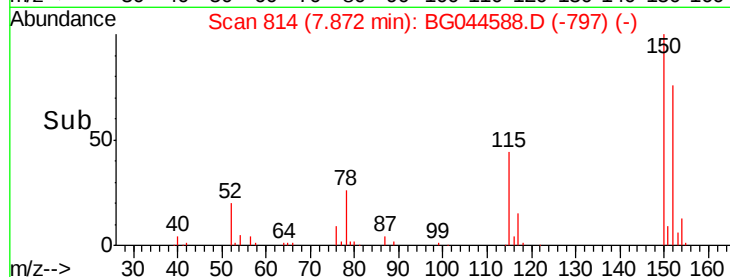
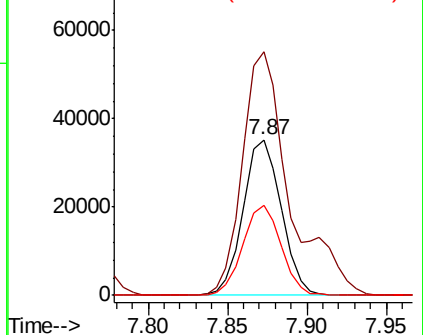
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 58975
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.9 193.3
 115 58.1 47.0 70.4



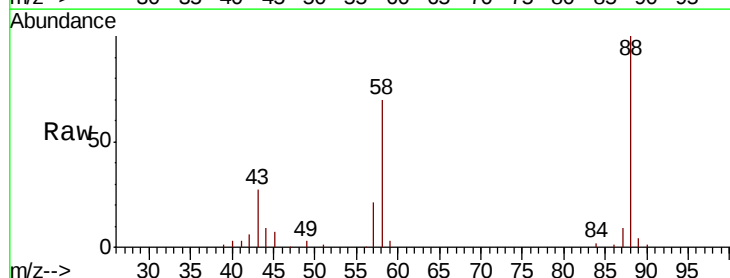
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



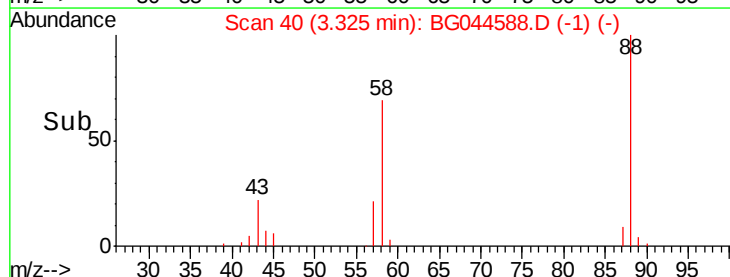
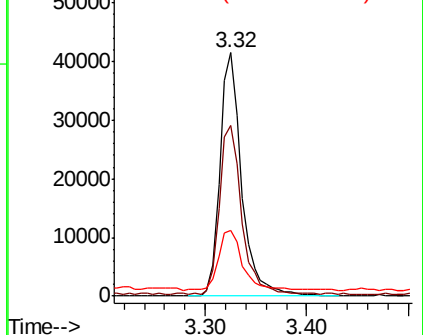
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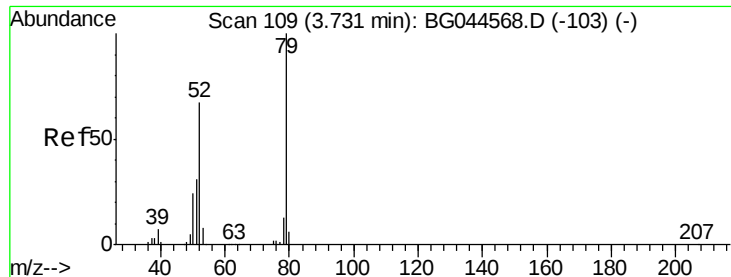
1,4-Dioxane
 Concen: 38.331 ng
 RT: 3.32 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion: 88 Resp: 61482
 Ion Ratio Lower Upper
 88 100
 58 70.4 55.8 83.8
 43 26.6 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: 34.110 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

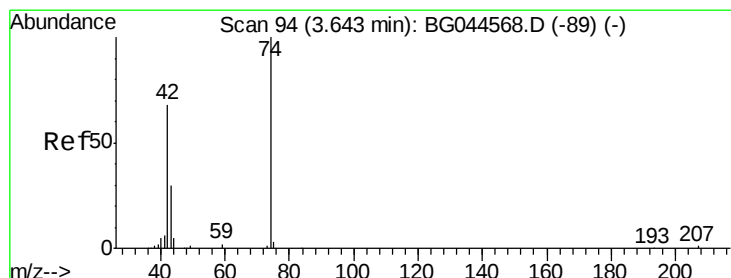
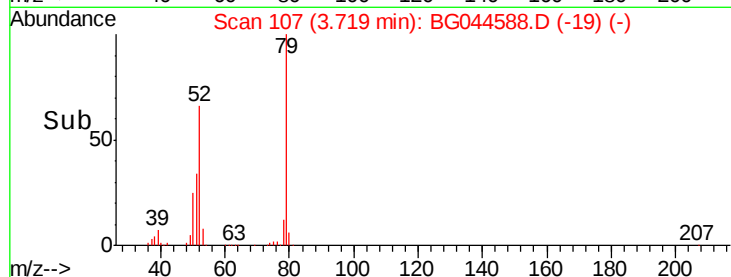
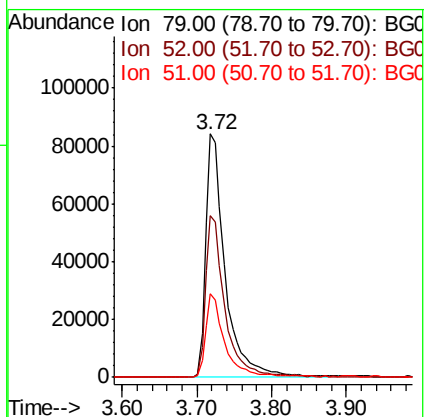
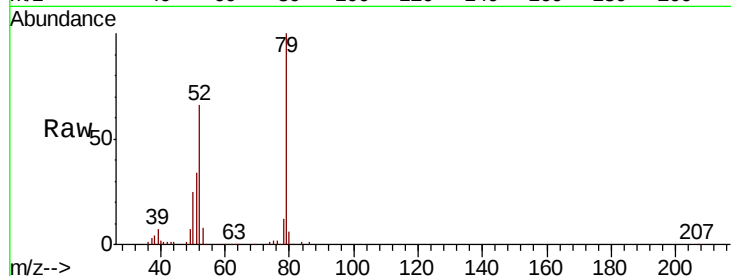
Tot Ion: 79 Resp: 152661

Ion Ratio Lower Upper

79 100

52 66.4 53.7 80.5

51 34.1 25.4 38.0



#4

n-Nitrosodimethylamine

Concen: 45.587 ng

RT: 3.64 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

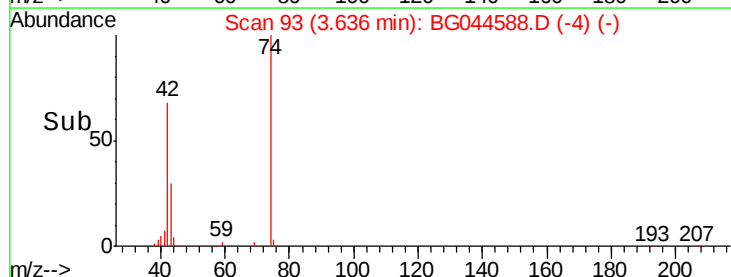
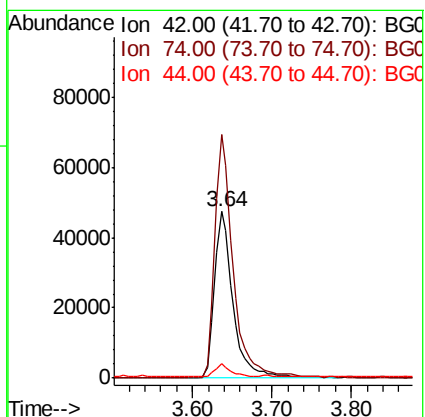
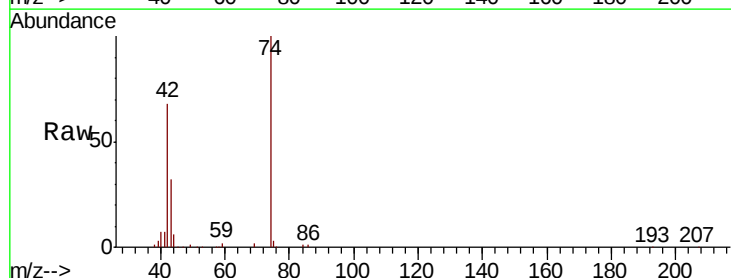
Tgt Ion: 42 Resp: 77490

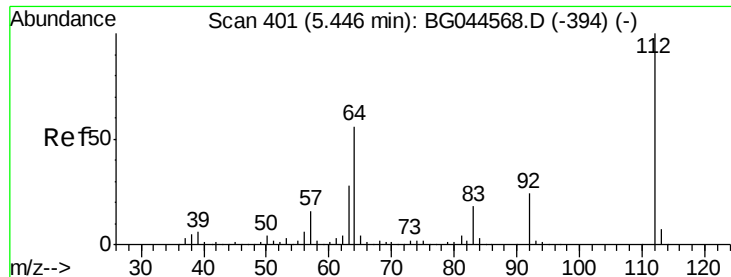
Ion Ratio Lower Upper

42 100

74 146.1 117.6 176.4

44 8.3 6.3 9.5





#5

2-Fluorophenol

Concen: 108.311 ng

RT: 5.45 min Scan# 402

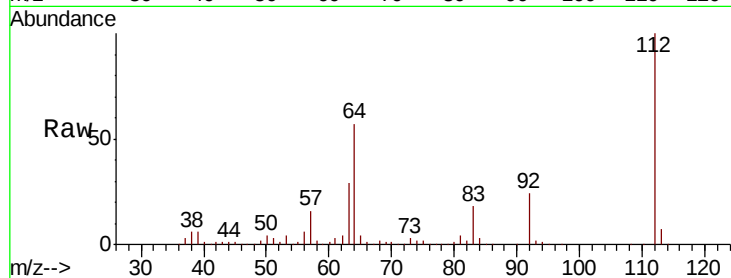
Delta R.T. 0.01 min

Lab File: BG044588.D

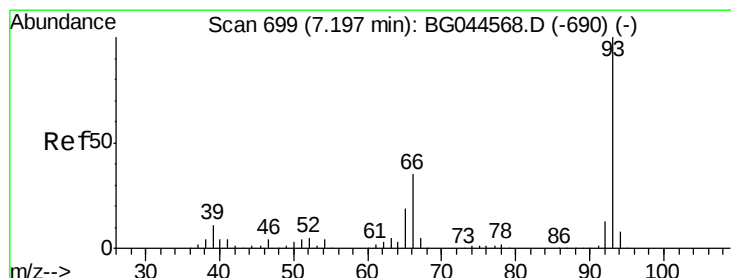
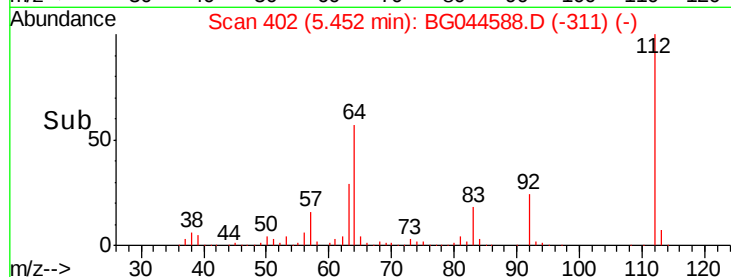
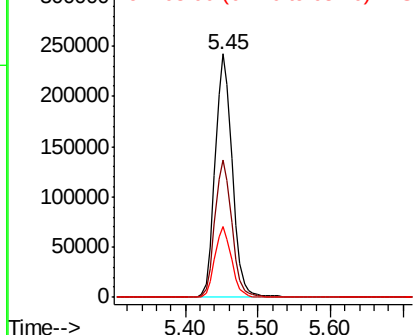
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	398115
Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.8	67.2
63	29.1	22.3	33.5



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



#6

Aniline

Concen: 23.073 ng

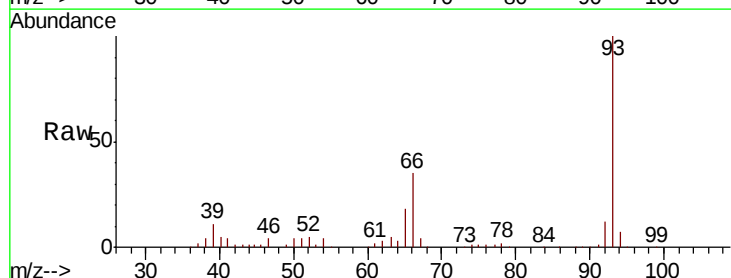
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

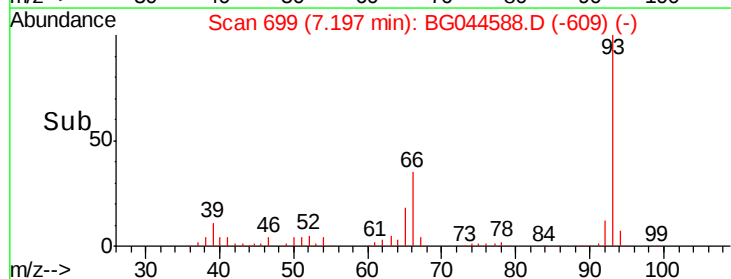
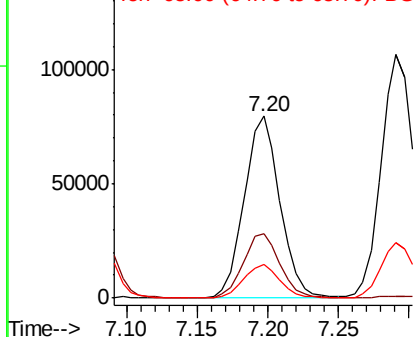
Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion:	93	Resp:	141339
Ion	Ratio	Lower	Upper
93	100		
66	35.4	27.8	41.8
65	18.3	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.676 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

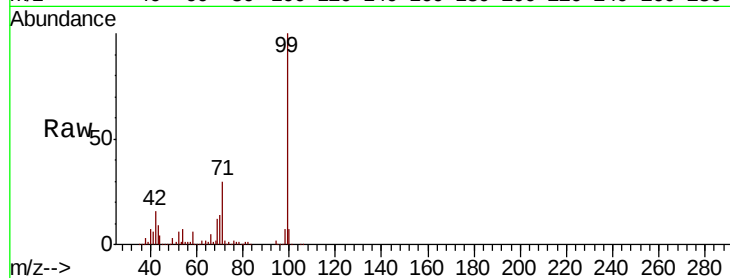
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 526657

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	30.5	24.4	36.6

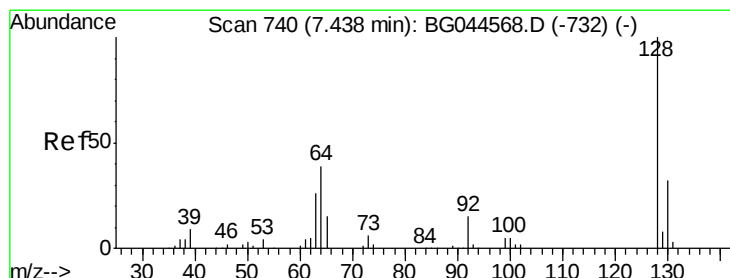
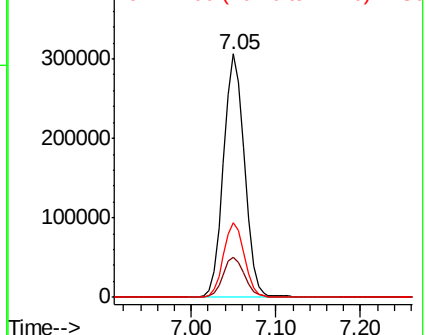
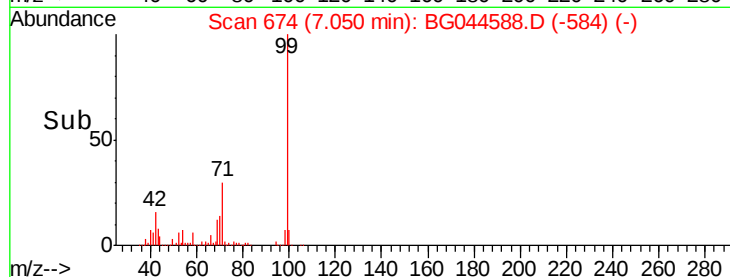


Abundance

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



#8

2-Chlorophenol

Concen: 47.810 ng

RT: 7.44 min Scan# 741

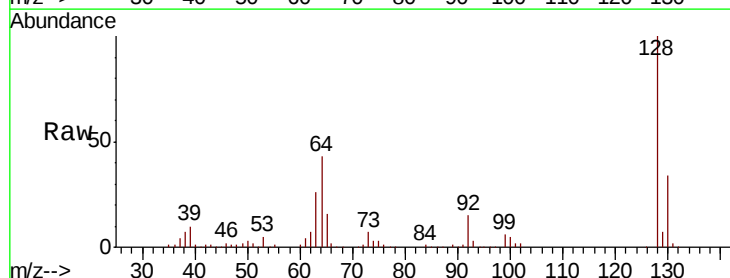
Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion: 128 Resp: 191832

Ion	Ratio	Lower	Upper
128	100		
130	34.0	12.3	52.3
64	43.5	22.5	62.5

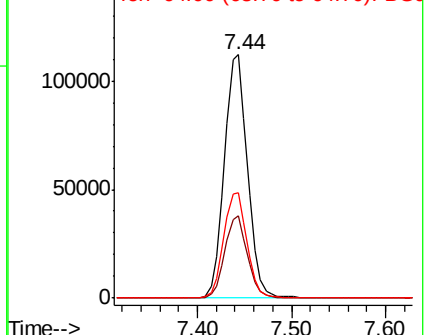
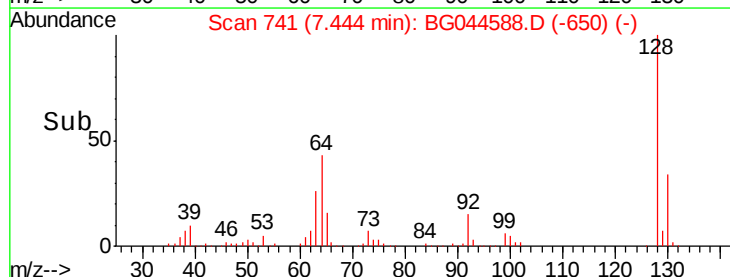


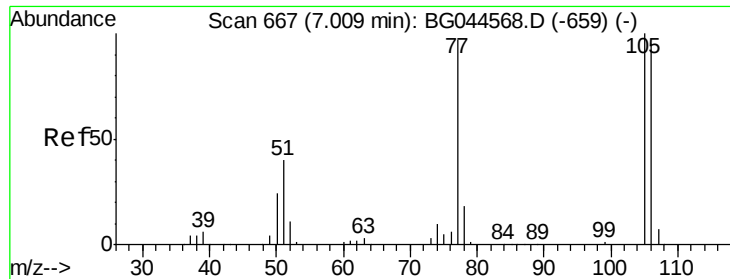
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.050 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

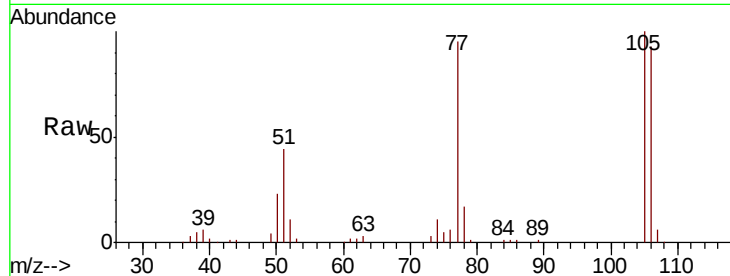
Tot Ion: 77 Resp: 74112

Ion Ratio Lower Upper

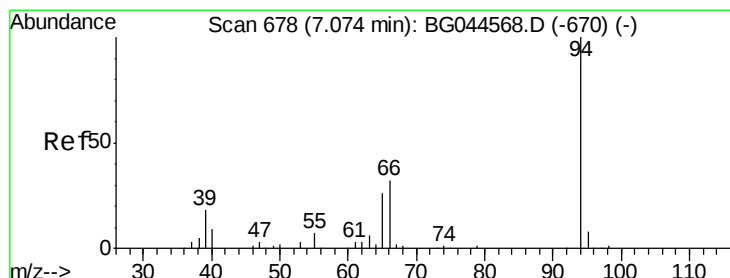
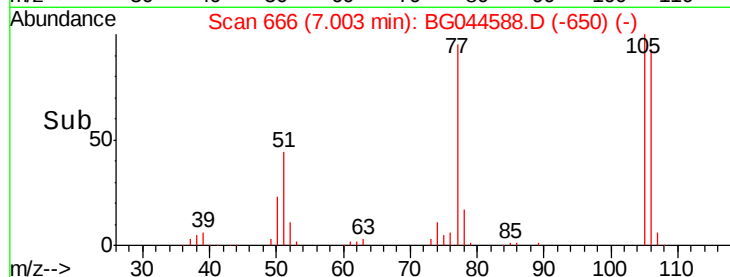
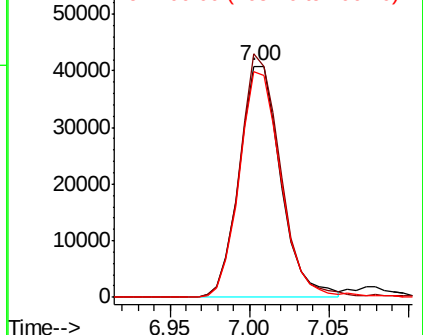
77 100

105 105.4 83.6 123.6

106 97.6 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: 48.274 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

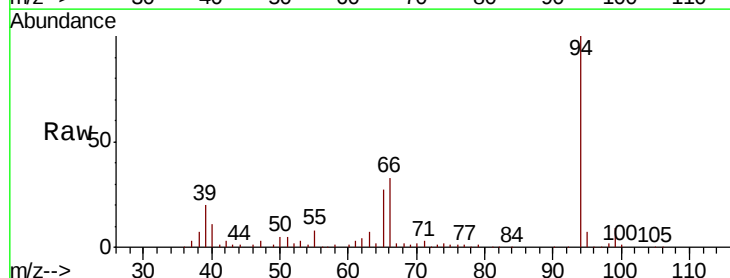
Tgt Ion: 94 Resp: 235370

Ion Ratio Lower Upper

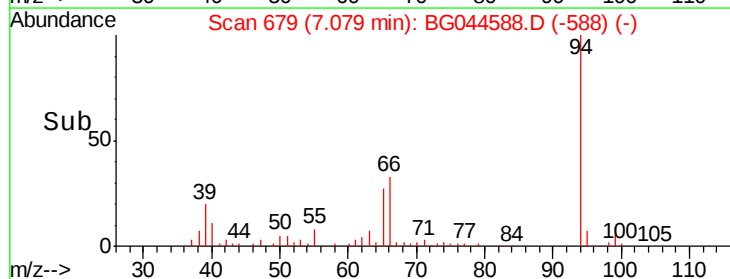
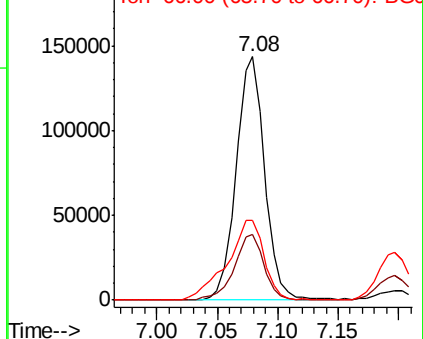
94 100

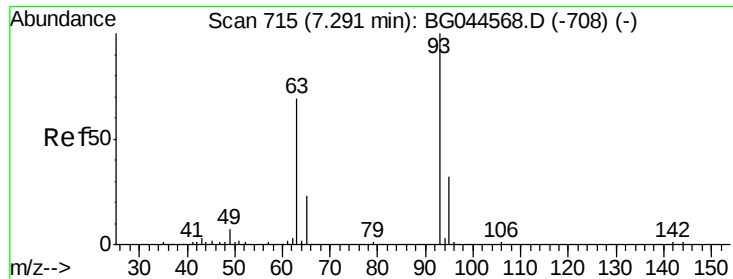
65 26.9 6.4 46.4

66 32.6 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

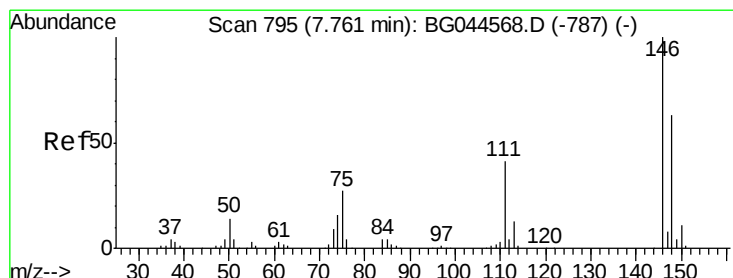
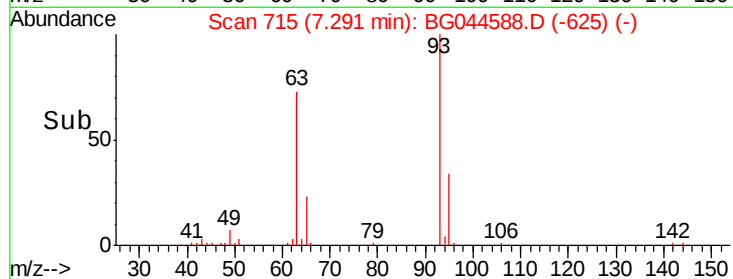
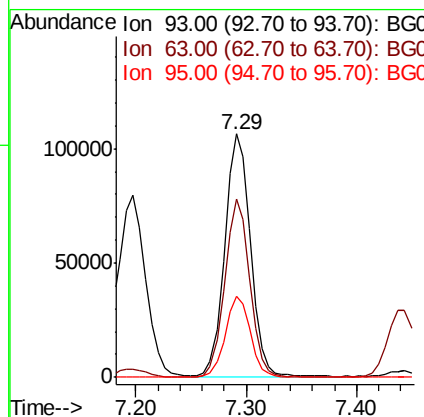
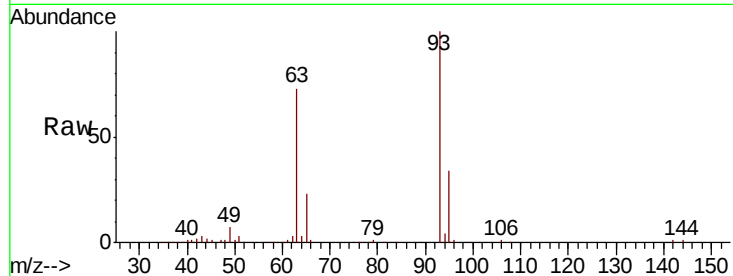




#11
 bis(2-Chloroethyl)ether
 Concen: 42.462 ng
 RT: 7.29 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

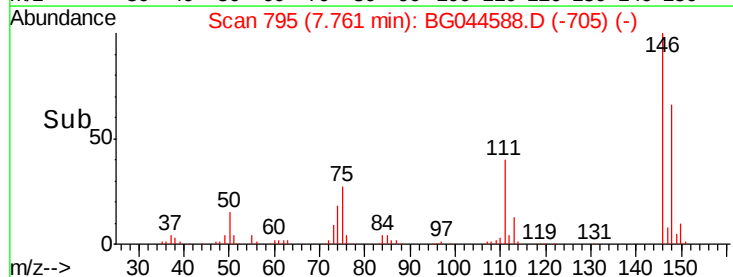
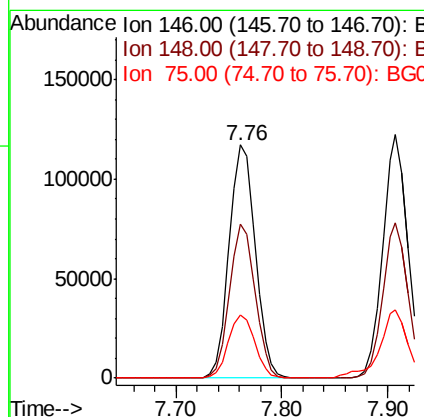
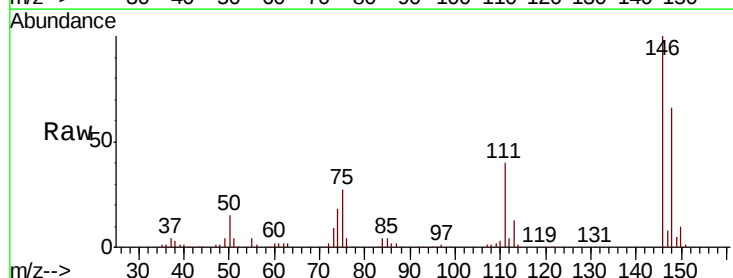
Instrument :
 BNA_G
 ClientSampleId :

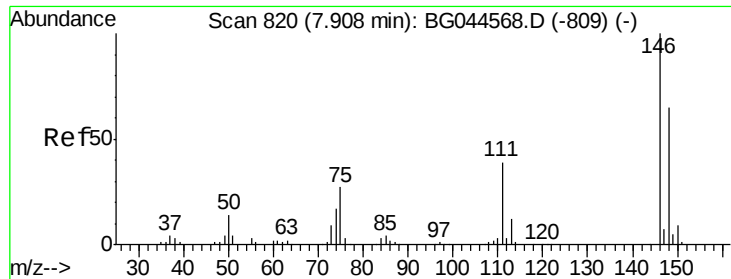
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	48.9	88.9
95	33.5	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 41.996 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	75.8
75	27.2	21.4	32.0

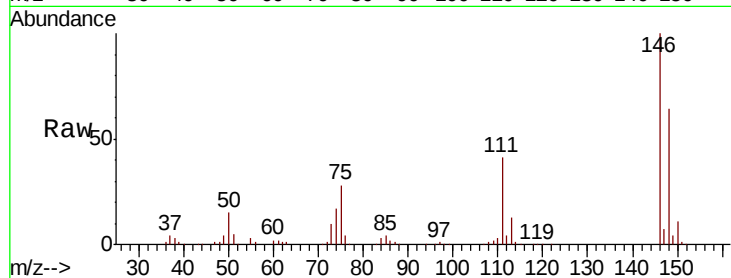




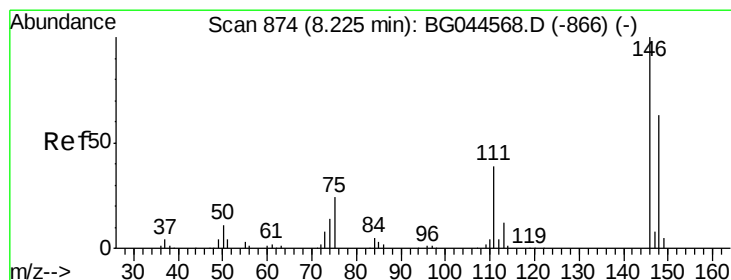
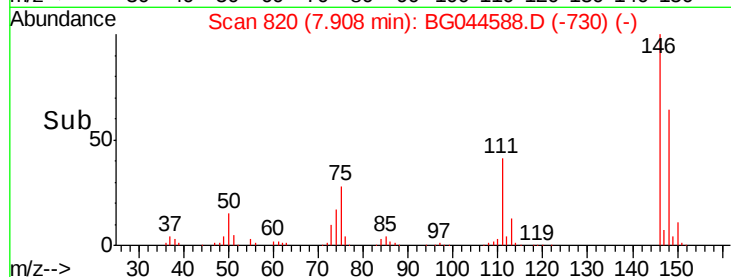
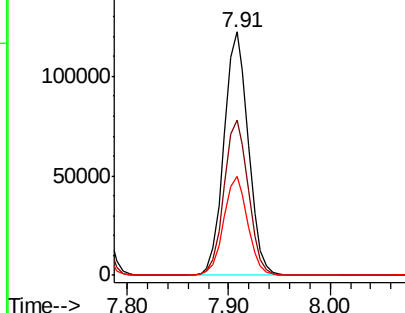
#13
 1,4-Dichlorobenzene
 Concen: 42.183 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 202883
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 40.6 30.8 46.2

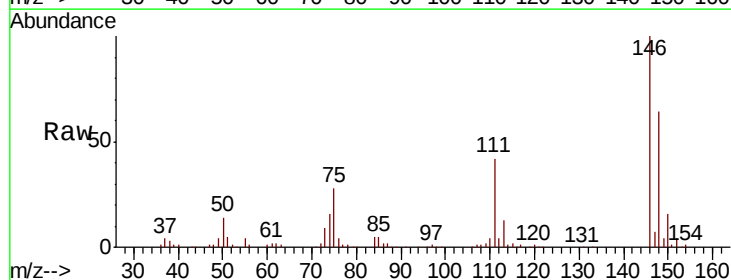


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

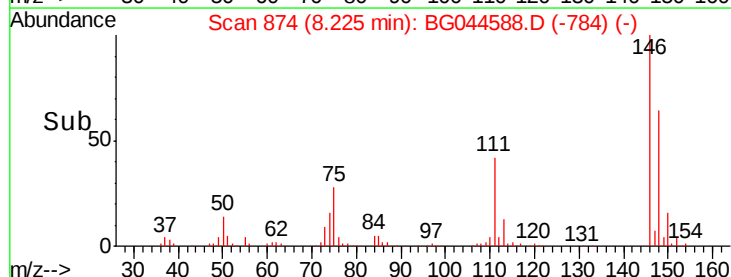
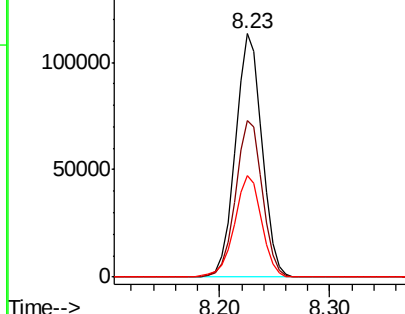


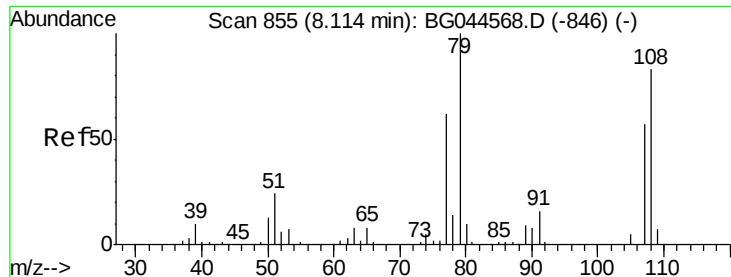
#14
 1,2-Dichlorobenzene
 Concen: 41.563 ng
 RT: 8.23 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion:146 Resp: 190101
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.7 76.1
 111 41.9 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.853 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

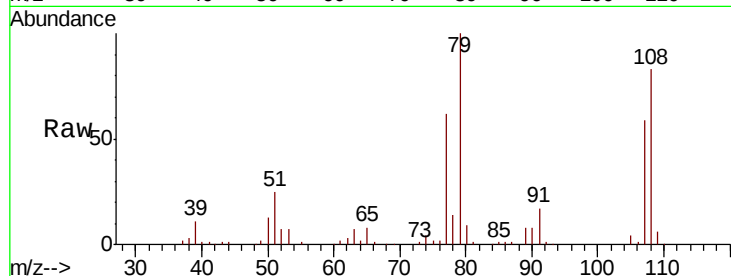
Tot Ion: 79 Resp: 152196

Ion Ratio Lower Upper

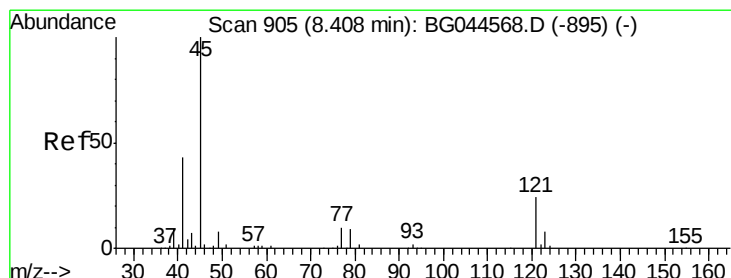
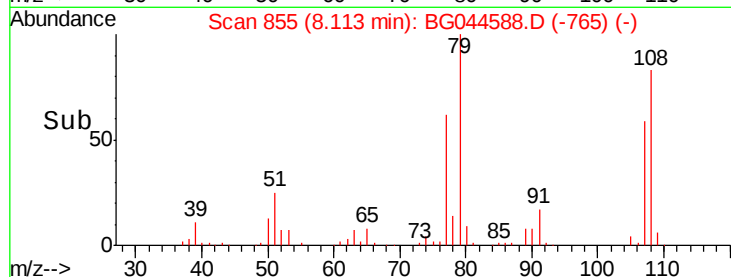
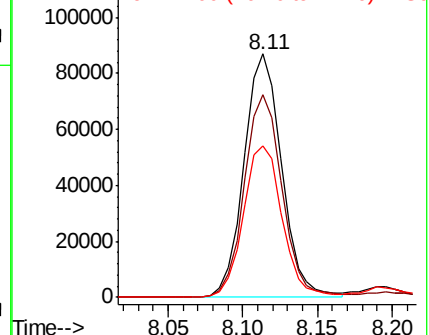
79 100

108 83.4 66.0 99.0

77 62.0 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.765 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

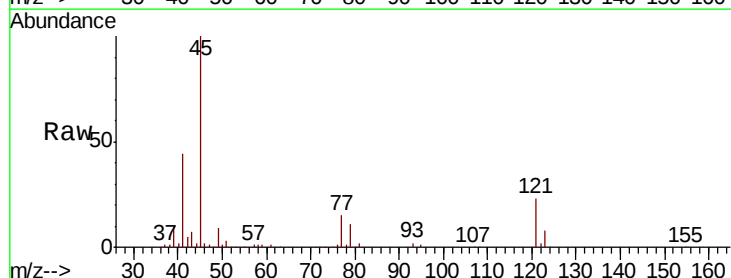
Tgt Ion: 45 Resp: 224561

Ion Ratio Lower Upper

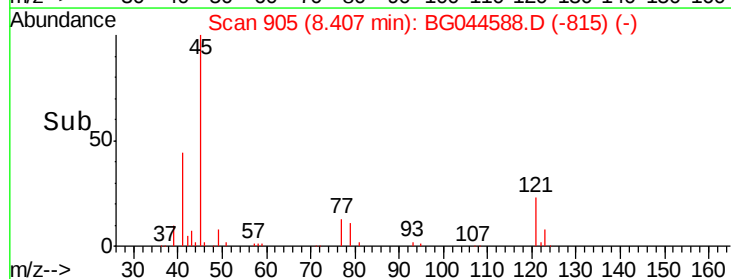
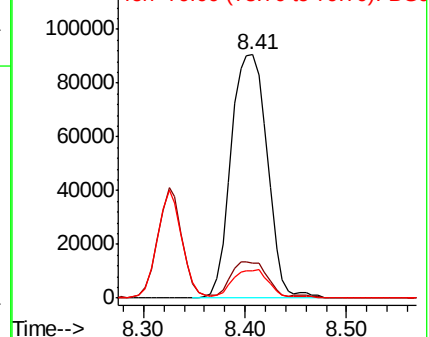
45 100

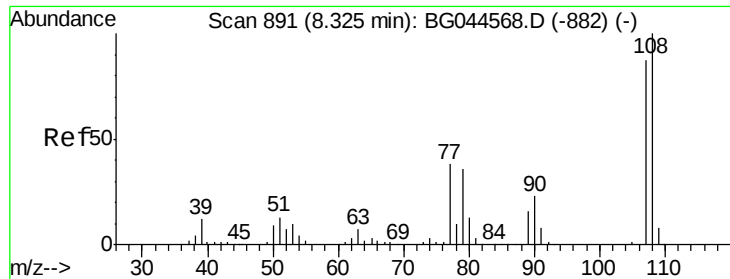
77 14.6 0.0 34.4

79 11.5 0.0 32.3



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

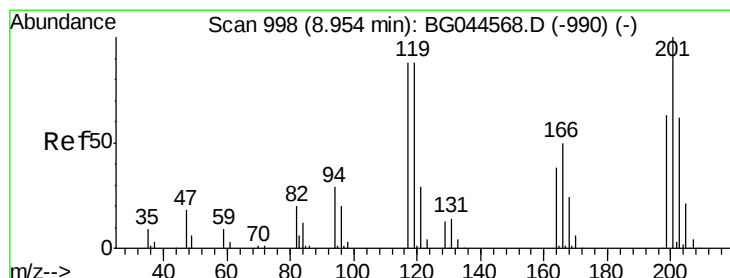
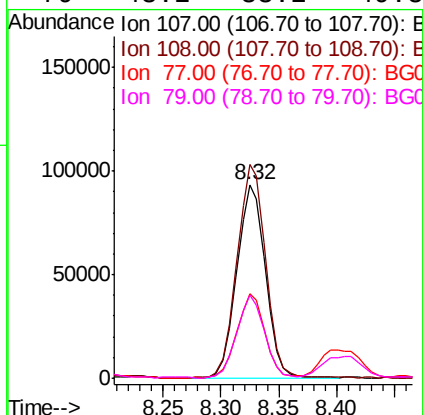
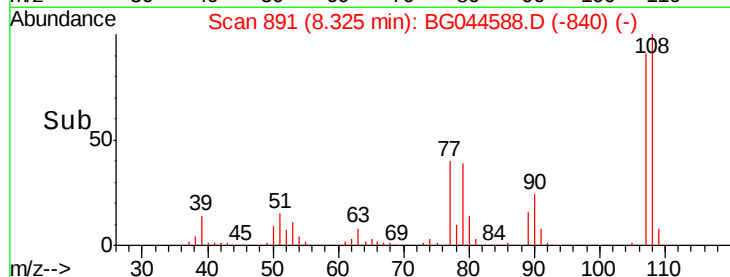
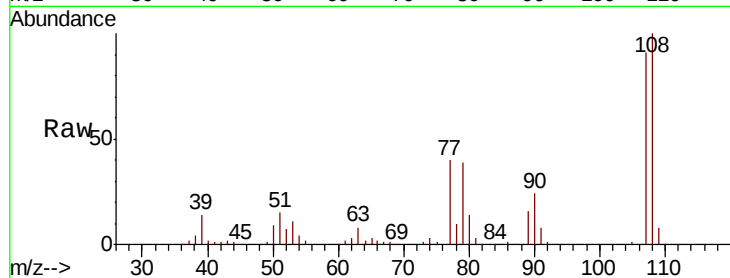




#17
2-Methylphenol
Concen: 45.815 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

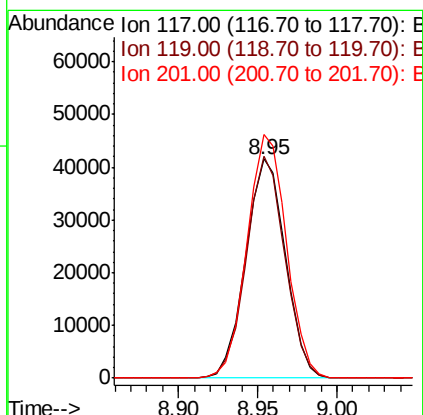
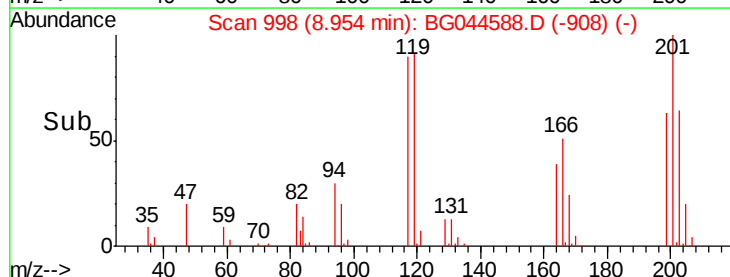
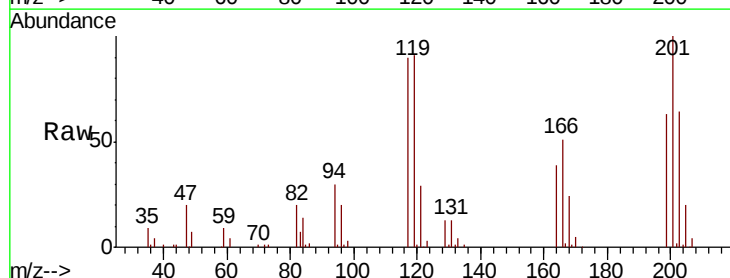
Instrument :
BNA_G
ClientSampleId :

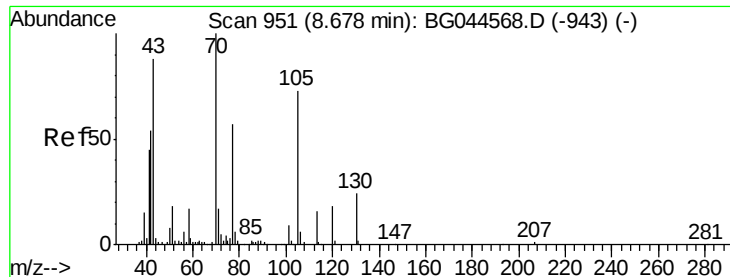
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	43.8	35.1	52.7
79	43.2	33.2	49.8



#18
Hexachloroethane
Concen: 41.184 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	80.0	120.0
201	111.1	90.5	135.7

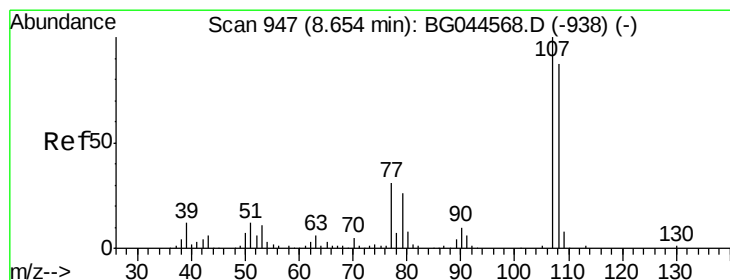
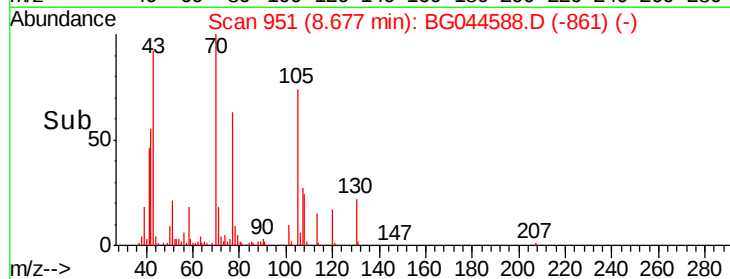
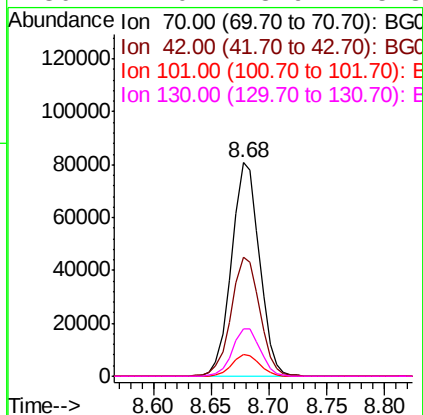
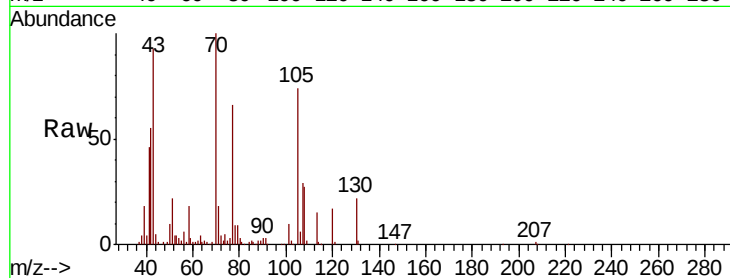




#19
n-Nitroso-di-n-propylamine
Concen: 41.924 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

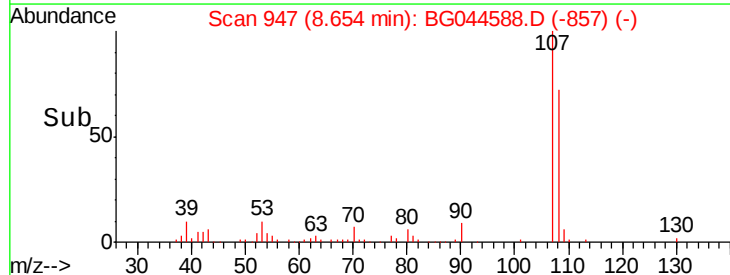
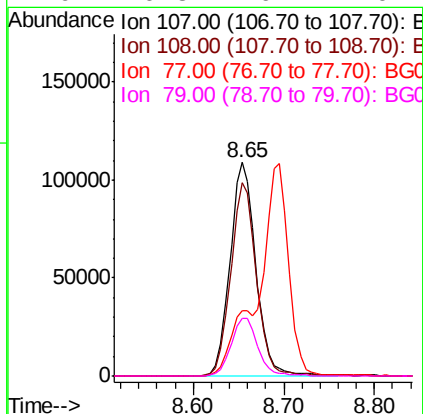
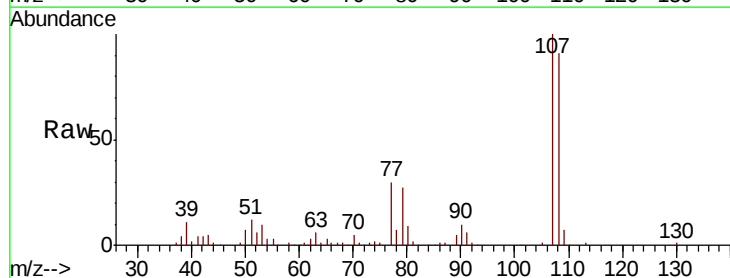
Instrument :
BNA_G
ClientSampleId :

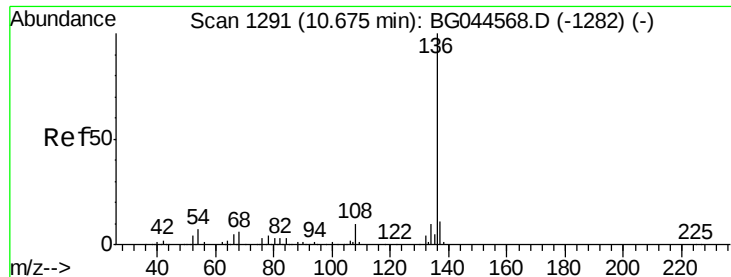
Tot Ion:	70	Resp:	135585
Ion	Ratio	Lower	Upper
70	100		
42	55.5	43.4	65.0
101	9.9	7.5	11.3
130	22.0	18.9	28.3



#20
3+4-Methylphenols
Concen: 45.343 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:	107	Resp:	216231
Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.5	107.5
77	30.4	11.3	51.3
79	26.8	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 250686

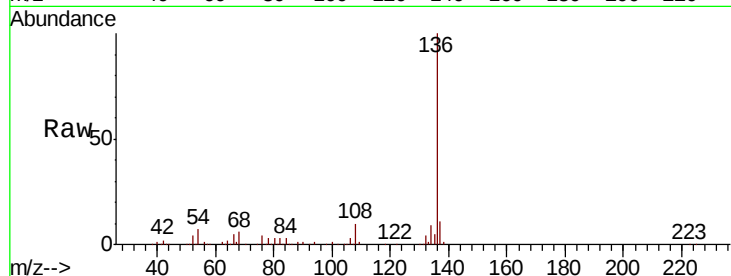
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.3 5.7 8.5

68 5.6 4.5 6.7

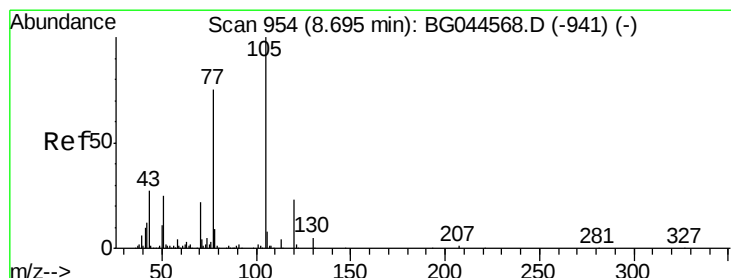
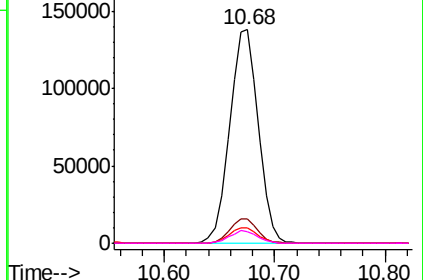
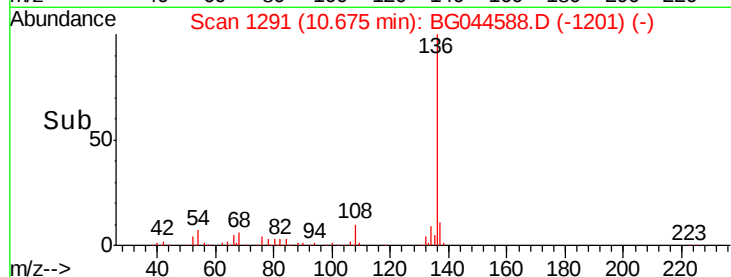


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.746 ng

RT: 8.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion:105 Resp: 256450

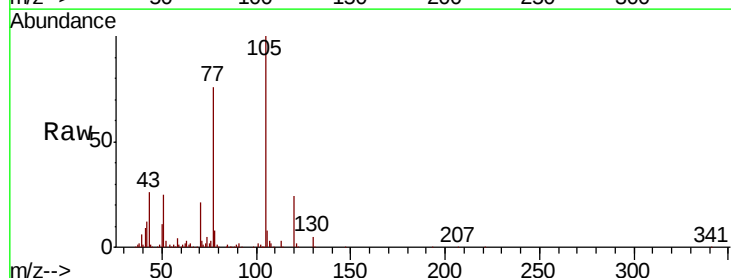
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 24.7 19.9 29.9

120 23.5 18.6 28.0

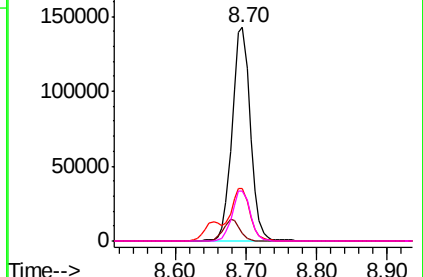
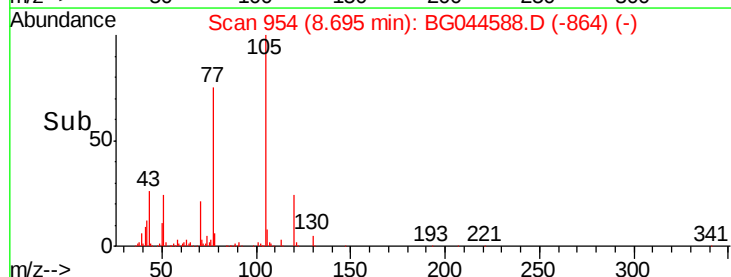


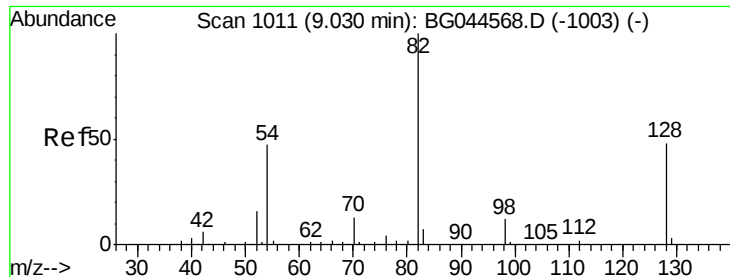
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

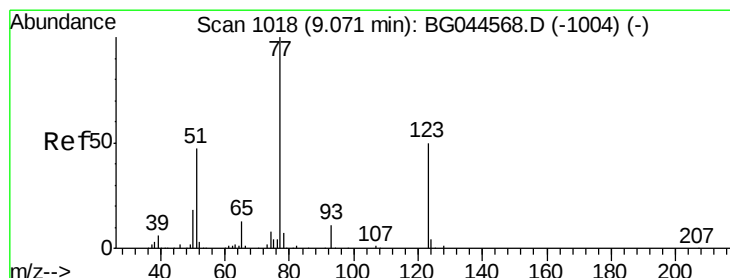
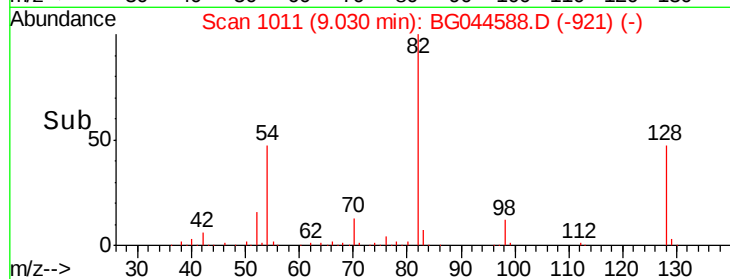
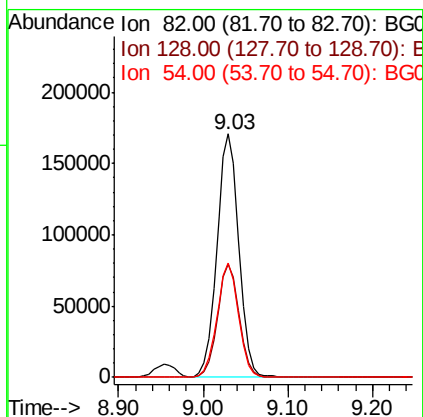
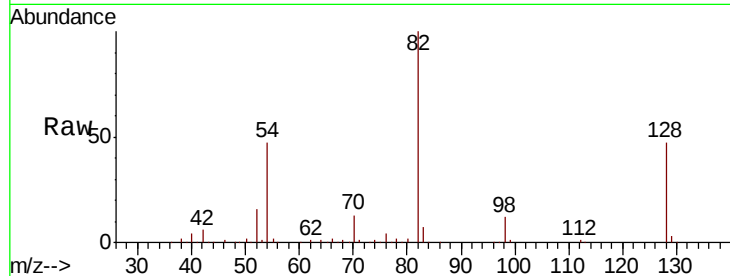




#23
 Nitrobenzene-d5
 Concen: 63.240 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

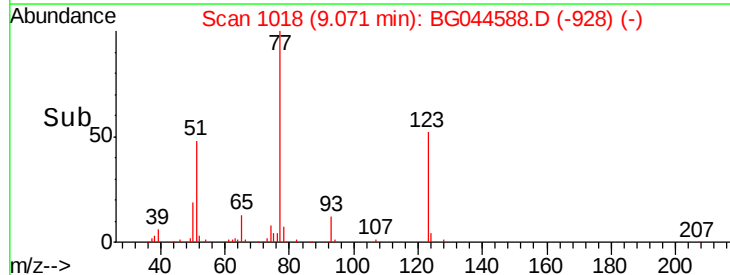
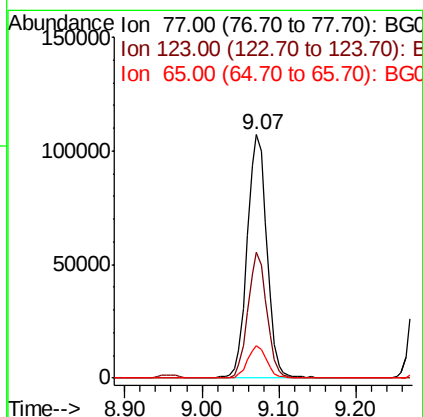
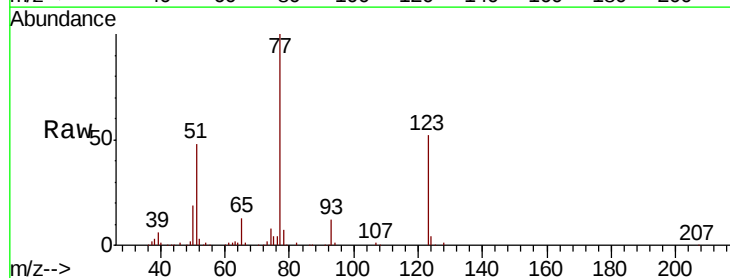
Instrument :
 BNA_G
 ClientSampled :

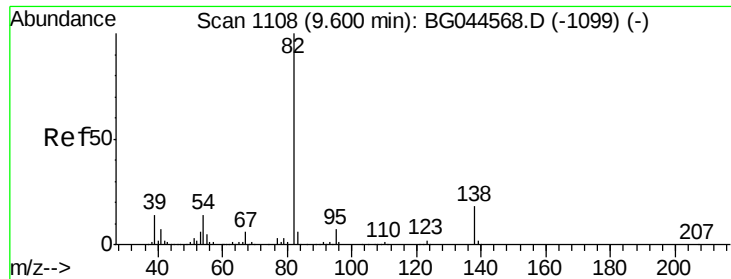
Tot Ion	82	Resp	307723
Ion Ratio	100	Lower	Upper
128	46.6	38.1	57.1
54	47.0	37.5	56.3



#24
 Nitrobenzene
 Concen: 40.905 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion	77	Resp	192838
Ion Ratio	100	Lower	Upper
123	51.6	40.1	60.1
65	13.5	10.4	15.6





#25

Isophorone

Concen: 40.805 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

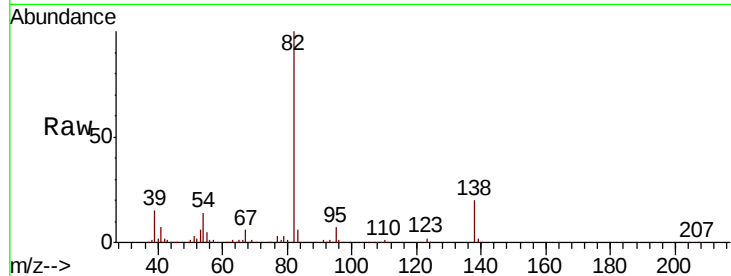
Tot Ion: 82 Resp: 371442

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

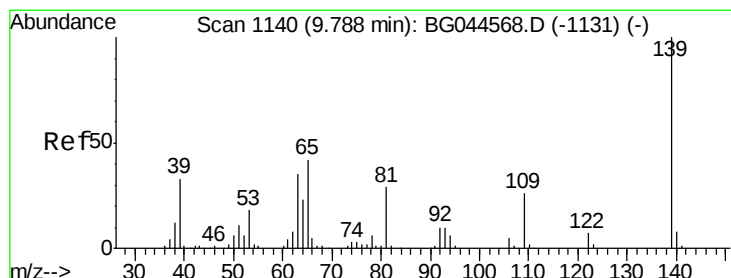
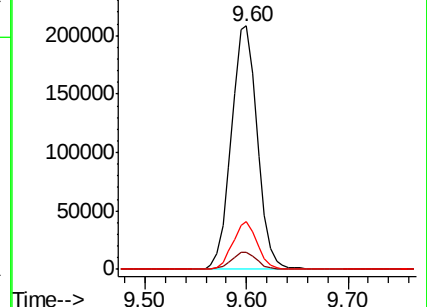
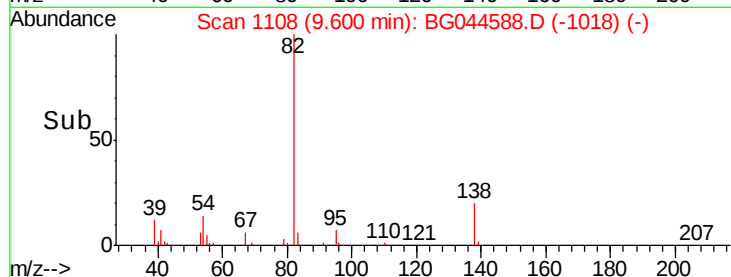
138 19.6 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044588.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044588.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044588.D (-1099) (-)



#26

2-Nitrophenol

Concen: 42.138 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

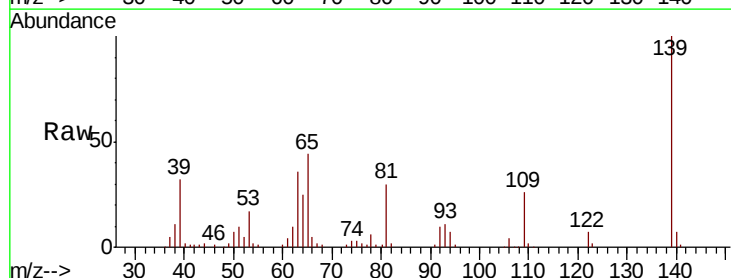
Tgt Ion: 139 Resp: 107731

Ion Ratio Lower Upper

139 100

109 26.2 20.6 31.0

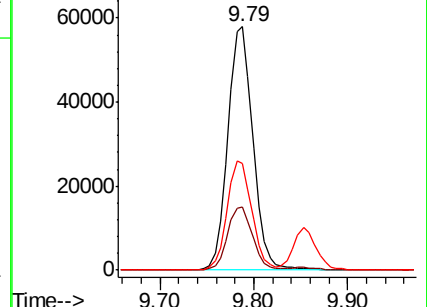
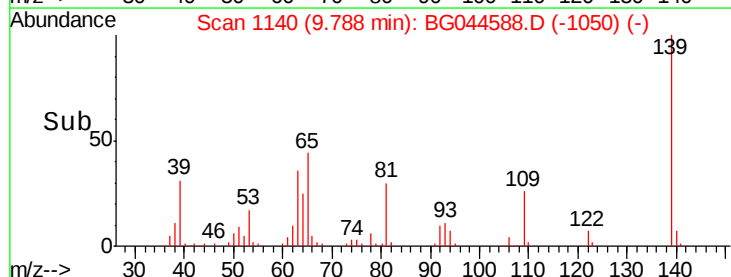
65 44.0 33.3 49.9

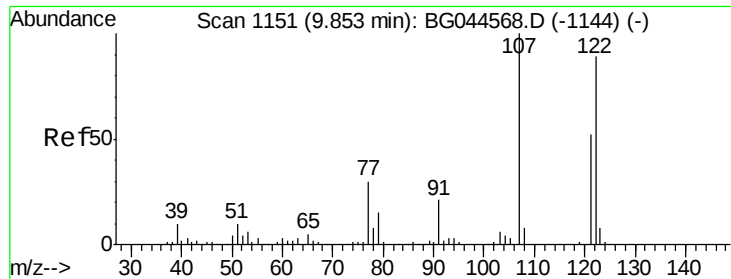


Abundance Ion 139.00 (138.70 to 139.70): BG044588.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BG044588.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044588.D (-1131) (-)

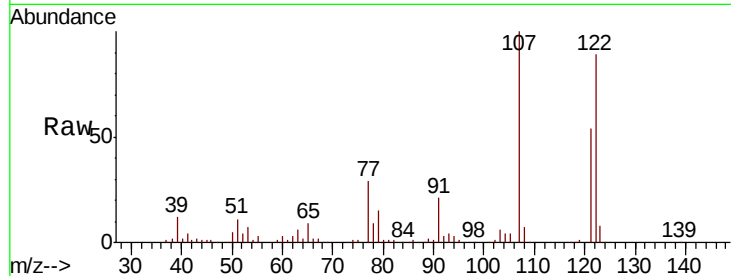




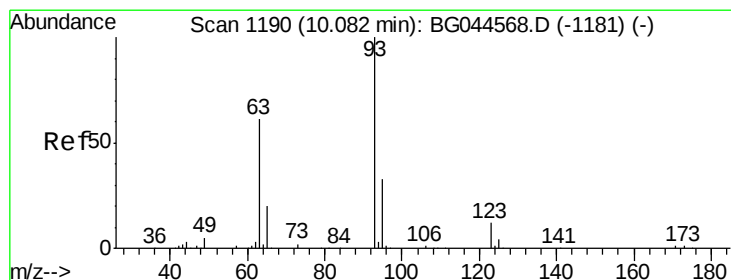
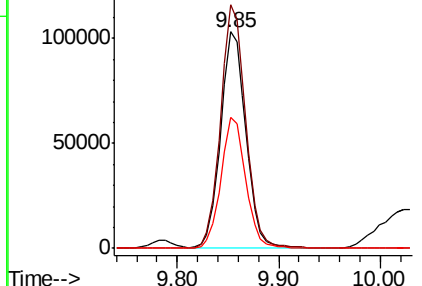
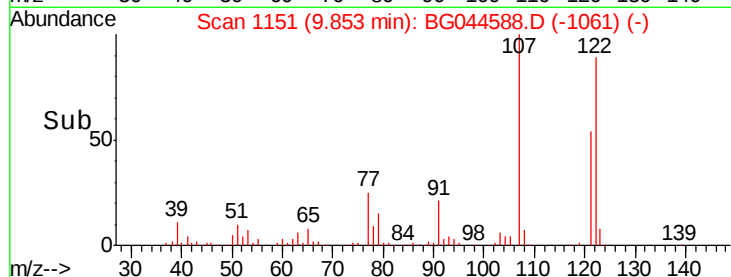
#27
 2,4-Dimethylphenol
 Concen: 49.200 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 176615
 Ion Ratio Lower Upper
 122 100
 107 112.5 89.4 134.0
 121 60.2 46.5 69.7

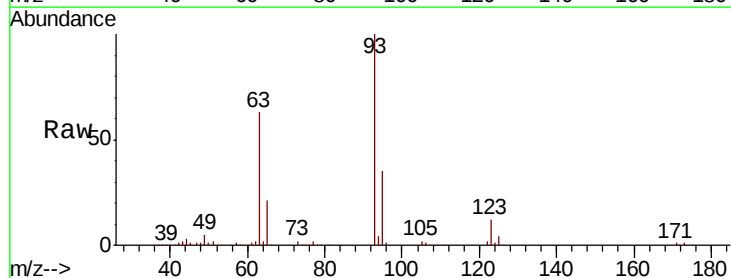


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

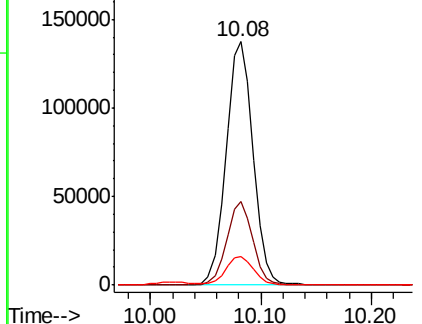
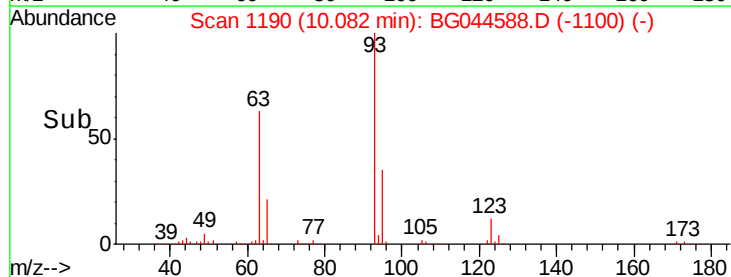


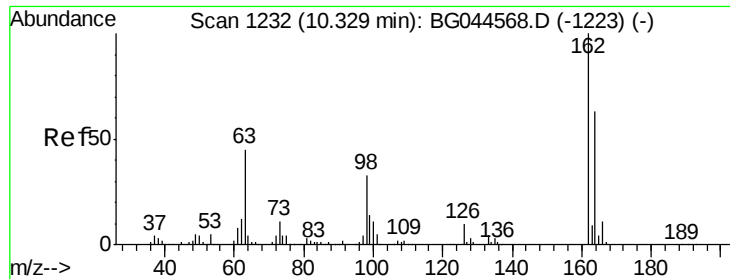
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.072 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion: 93 Resp: 235205
 Ion Ratio Lower Upper
 93 100
 95 34.6 26.5 39.7
 123 11.9 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

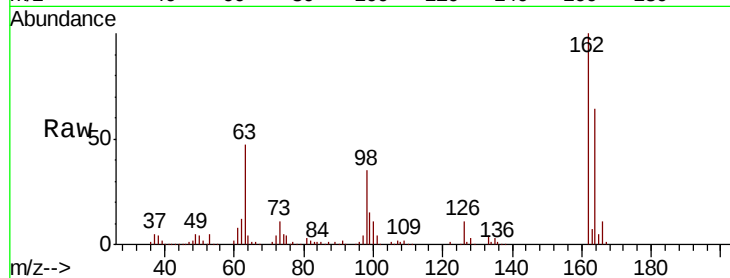




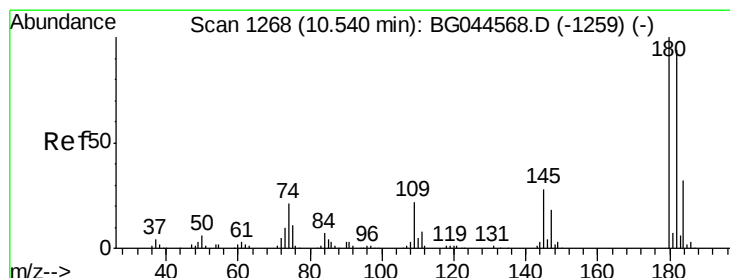
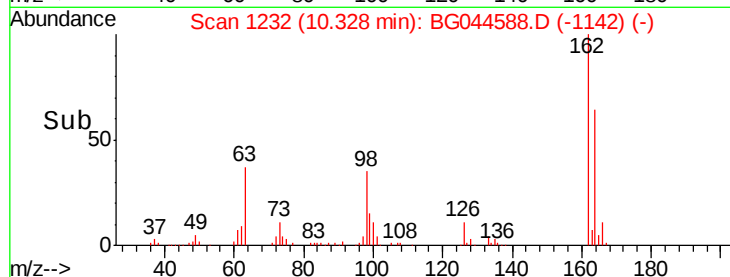
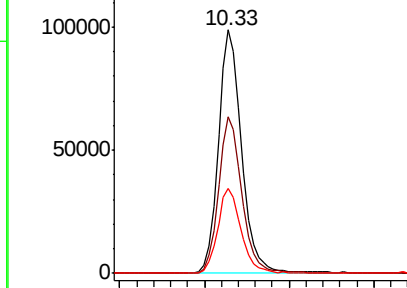
#29
2,4-Dichlorophenol
Concen: 44.021 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	35.1	13.2	53.2

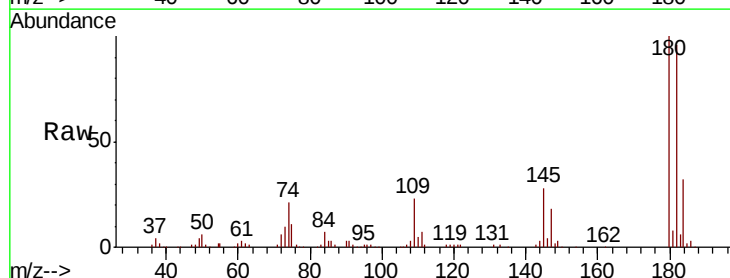


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

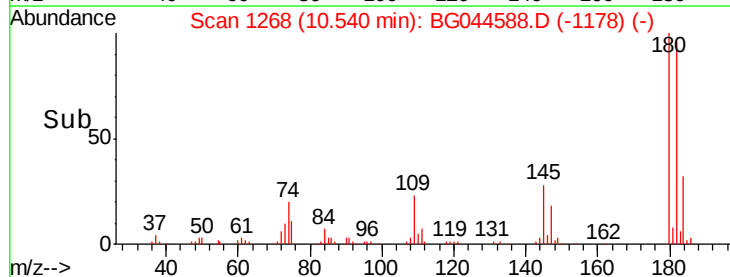
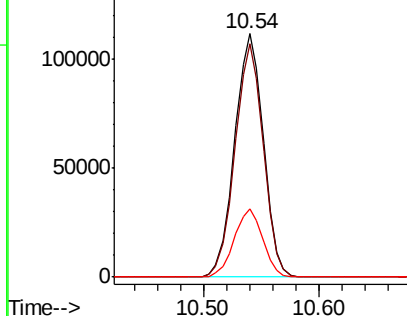


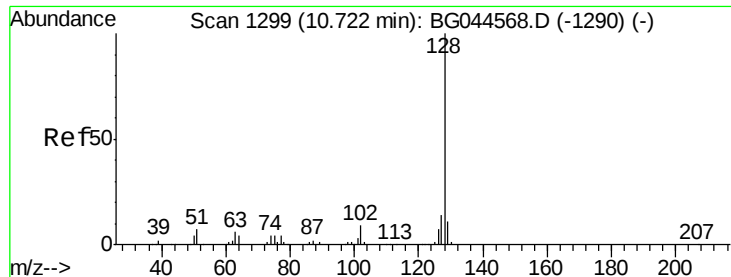
#30
1,2,4-Trichlorobenzene
Concen: 38.559 ng
RT: 10.54 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.6	113.4
145	27.8	22.2	33.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.539 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

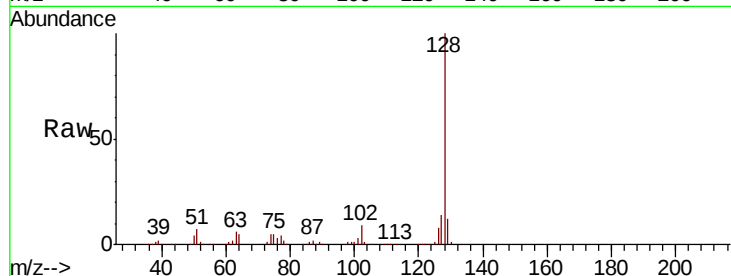
Tot Ion:128 Resp: 554533

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

127 14.5 11.0 16.4

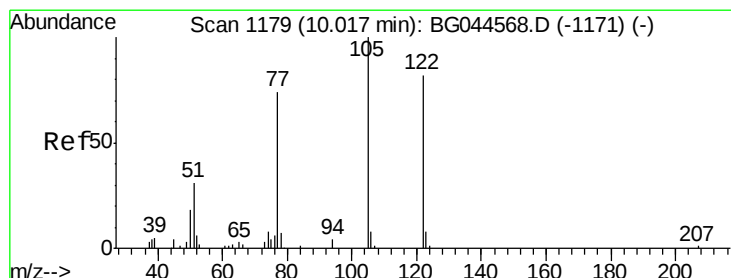
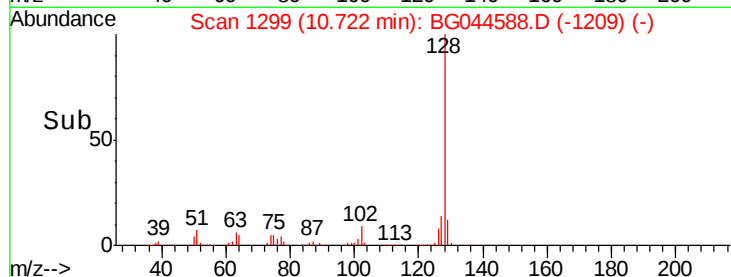
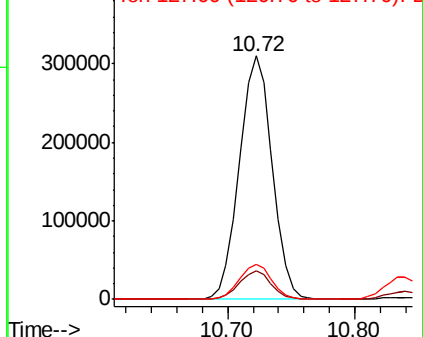


Abundance

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



#32

Benzoic acid

Concen: 47.841 ng

RT: 10.02 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

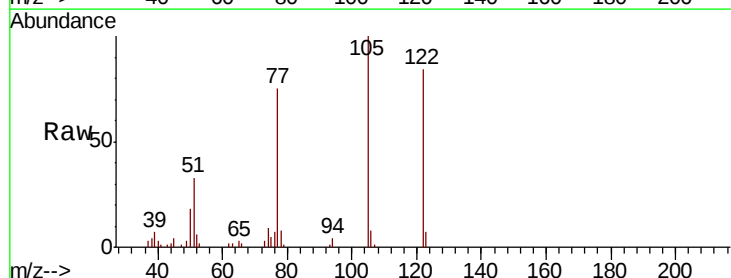
Tgt Ion:122 Resp: 63335

Ion Ratio Lower Upper

122 100

105 118.4 101.4 141.4

77 88.7 69.8 109.8

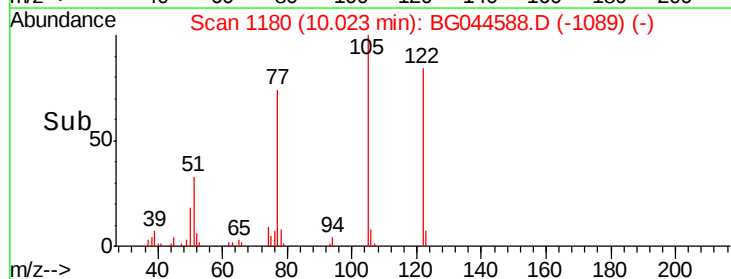
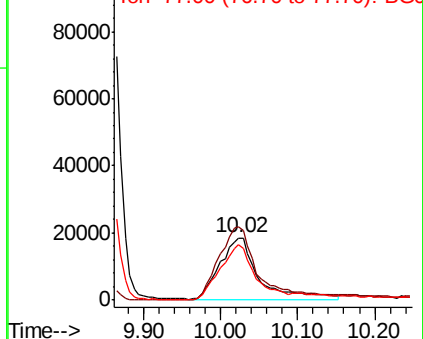


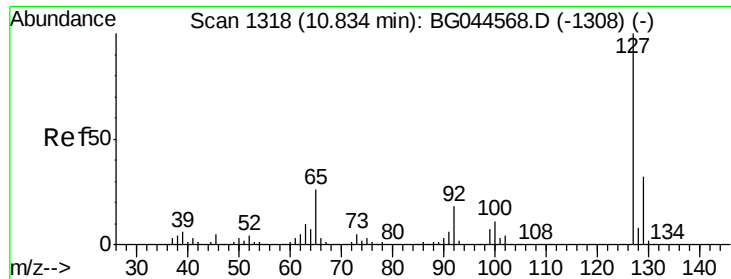
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

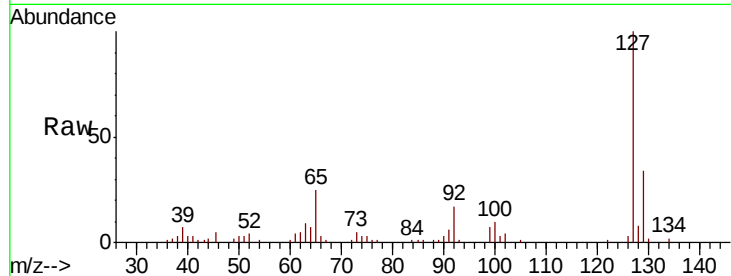




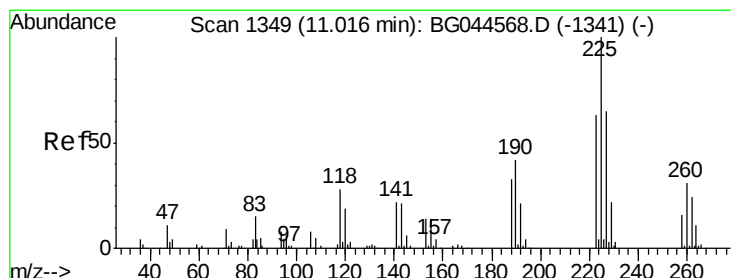
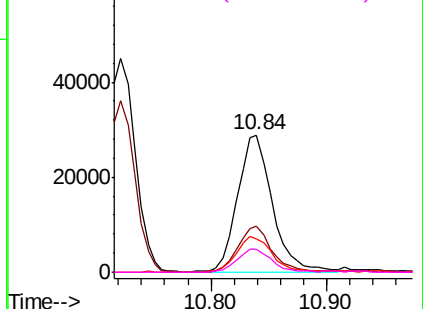
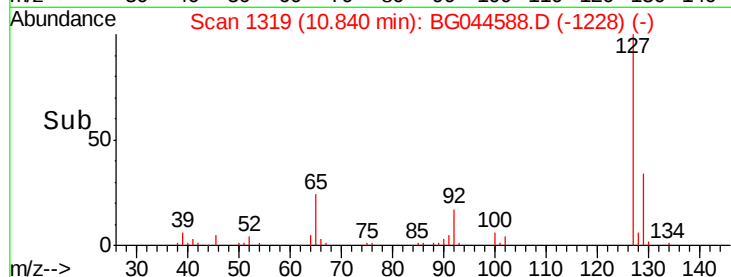
#33
4-Chloroaniline
Concen: 10.090 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 60794
Ion Ratio Lower Upper
127 100
129 33.8 25.9 38.9
65 24.7 20.7 31.1
92 17.2 14.2 21.2

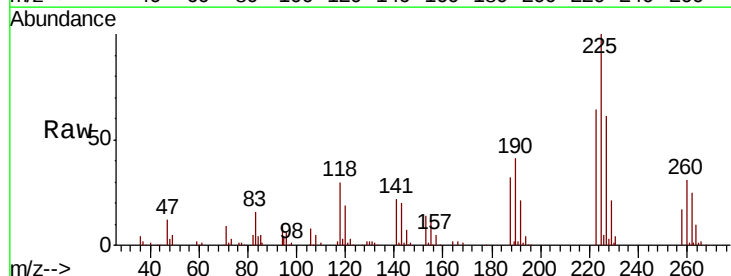


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

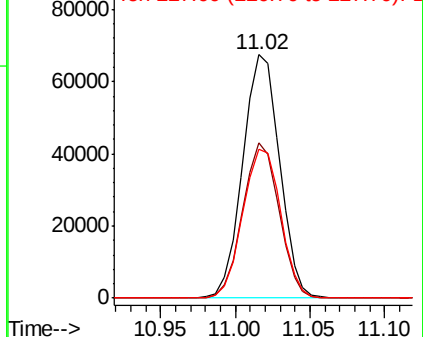
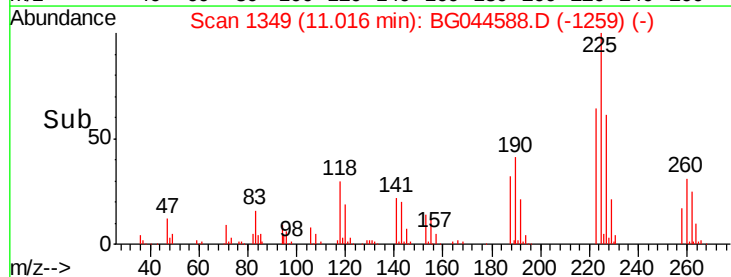


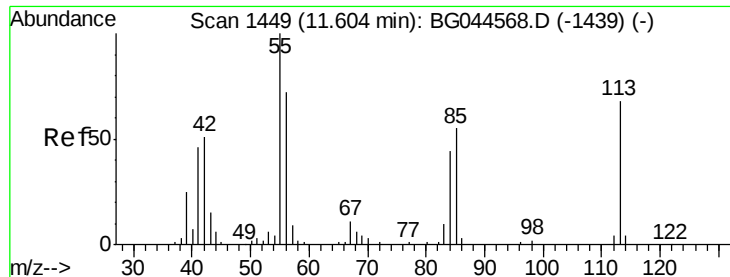
#34
Hexachlorobutadiene
Concen: 36.886 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:225 Resp: 114973
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 61.4 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.074 ng

RT: 11.60 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

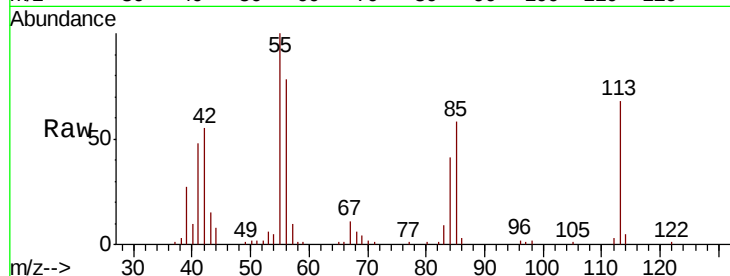
Tot Ion:113 Resp: 33914

Ion Ratio Lower Upper

113 100

55 147.9 127.8 167.8

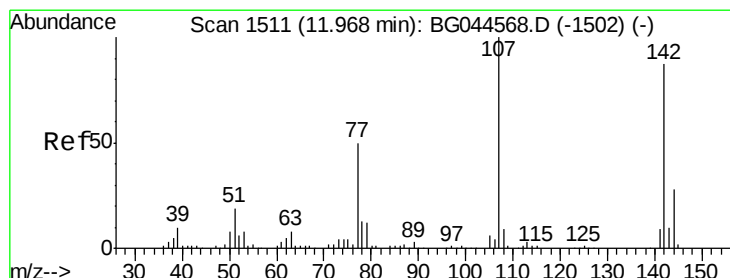
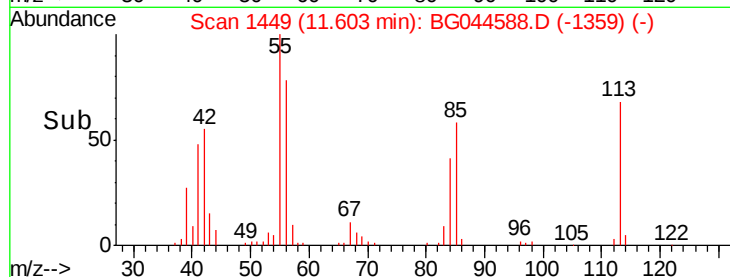
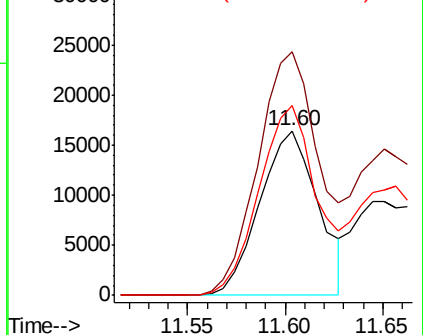
56 115.2 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.601 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

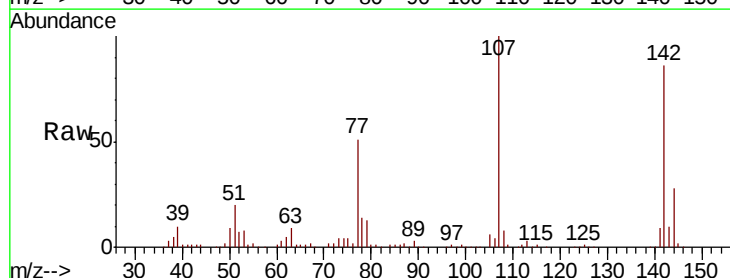
Tgt Ion:107 Resp: 201454

Ion Ratio Lower Upper

107 100

144 27.6 22.3 33.5

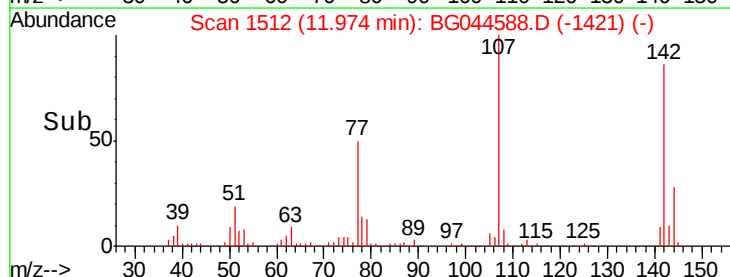
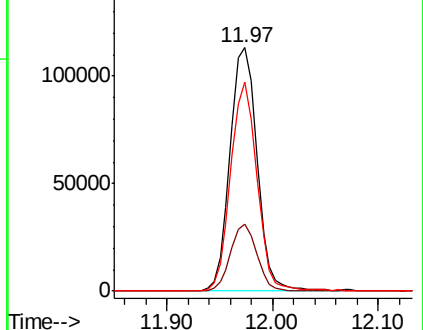
142 85.6 69.3 103.9

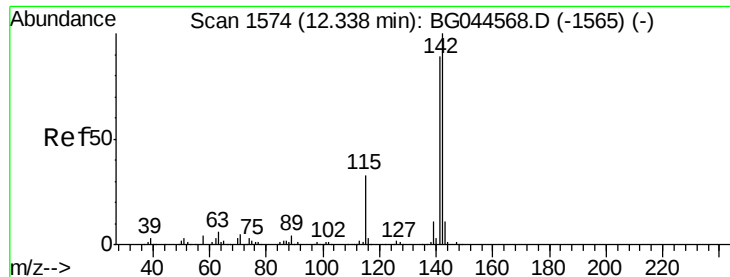


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

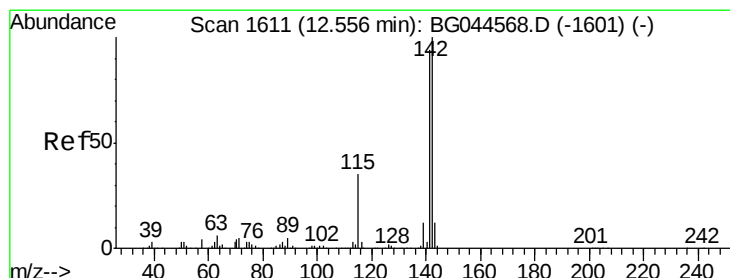
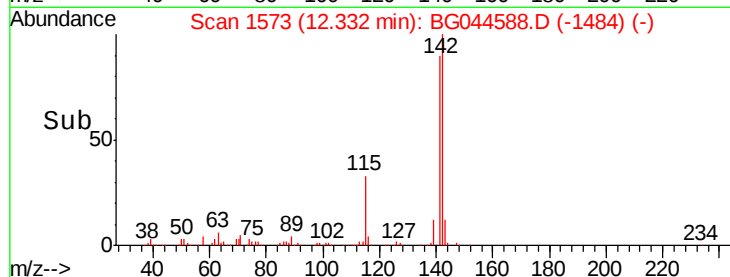
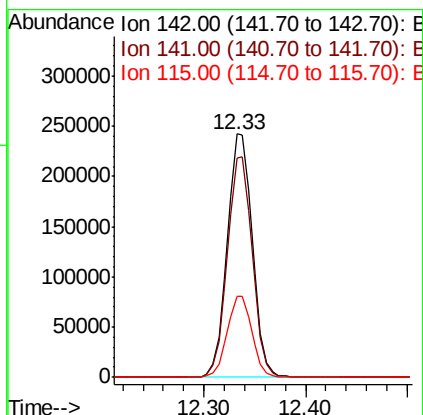
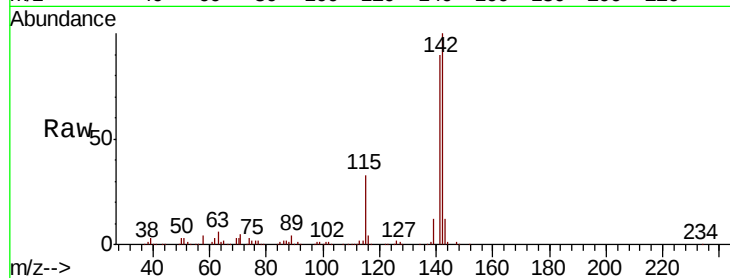




#37
2-Methylnaphthalene
Concen: 41.172 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

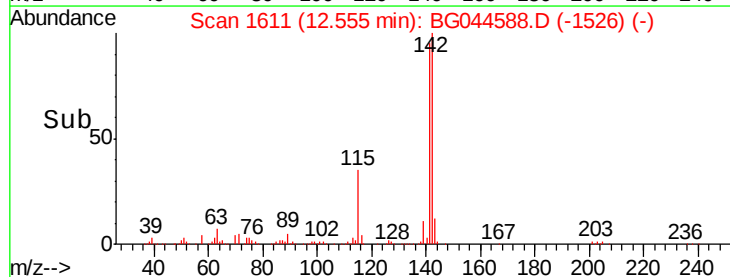
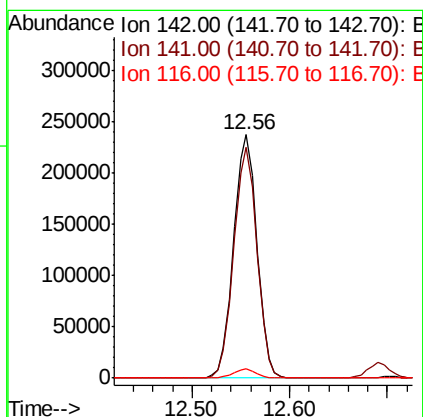
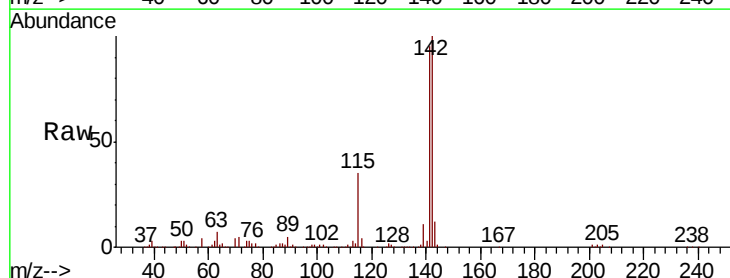
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 416233
Ion Ratio Lower Upper
142 100
141 90.1 71.3 106.9
115 33.2 26.2 39.2



#38
1-Methylnaphthalene
Concen: 41.129 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:142 Resp: 395093
Ion Ratio Lower Upper
142 100
141 94.6 75.1 112.7
116 3.7 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: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

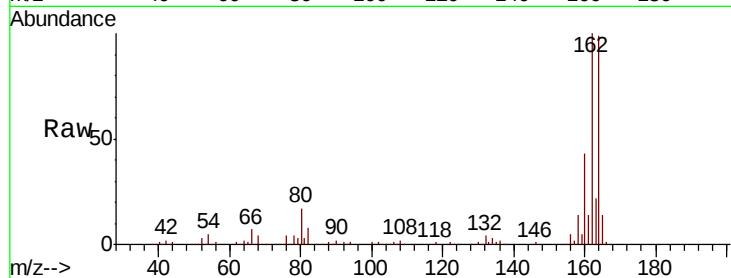
Tot Ion:164 Resp: 167664

Ion Ratio Lower Upper

164 100

162 101.4 83.6 125.4

160 43.8 36.2 54.4

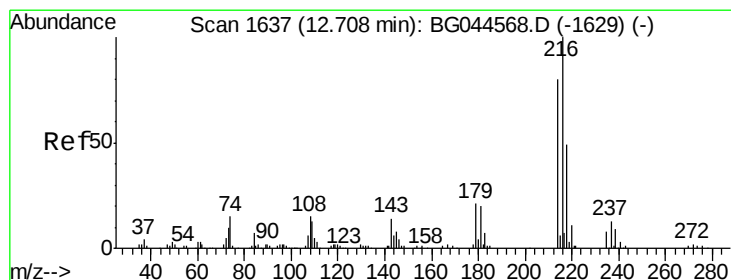
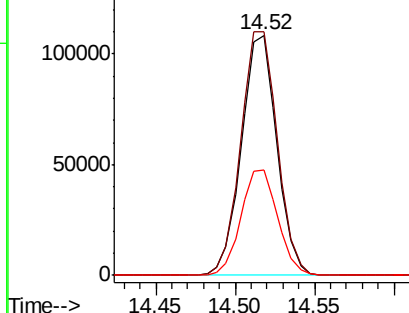
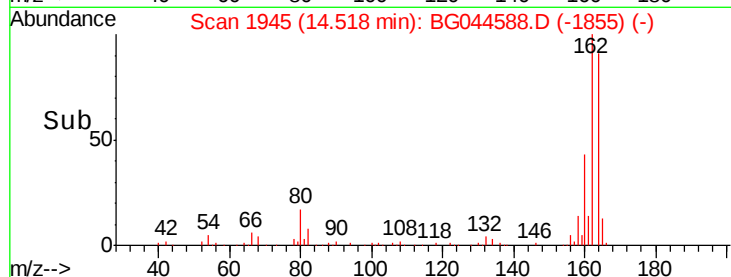


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.928 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion:216 Resp: 208437

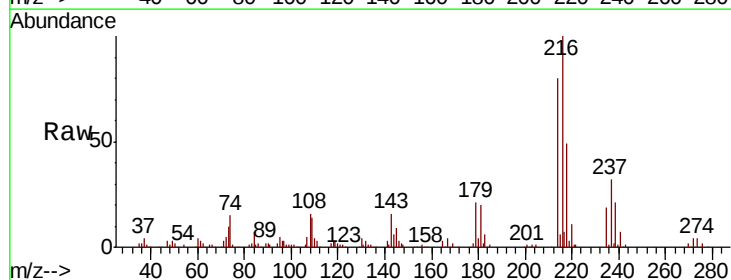
Ion Ratio Lower Upper

216 100

214 80.4 63.3 94.9

179 20.7 16.2 24.2

108 18.2 12.6 18.8



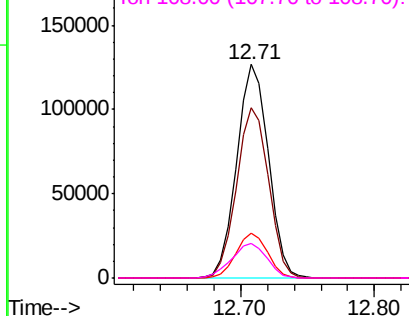
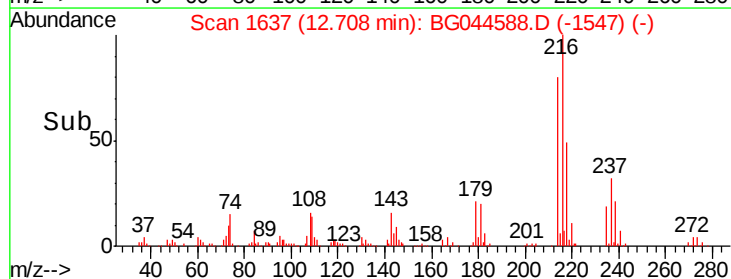
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.861 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

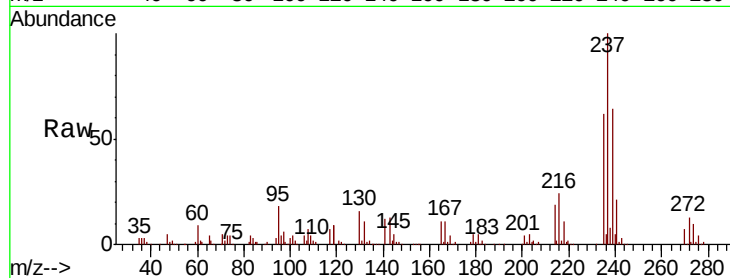
Tot Ion:237 Resp: 205759

Ion Ratio Lower Upper

237 100

235 62.2 40.7 80.7

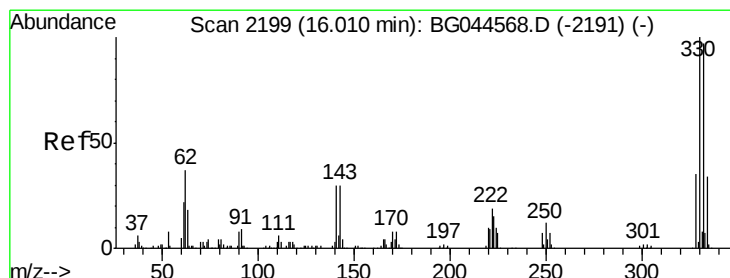
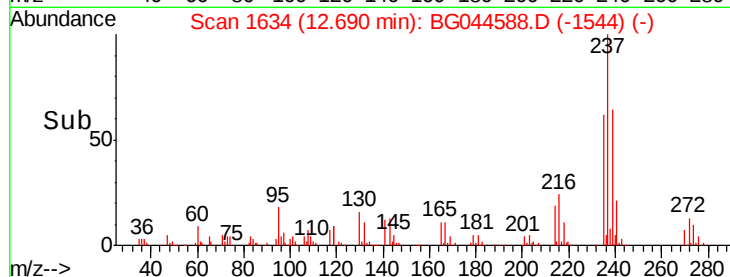
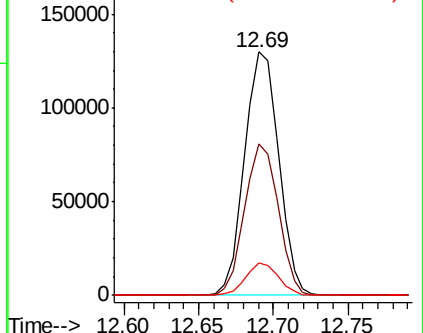
272 13.2 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 96.251 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

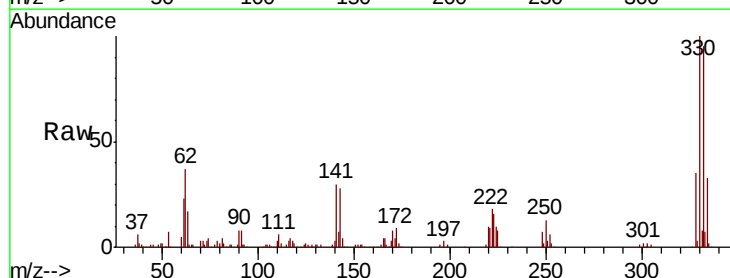
Tgt Ion:330 Resp: 228822

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

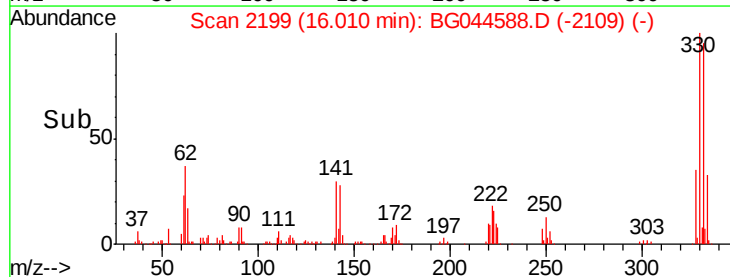
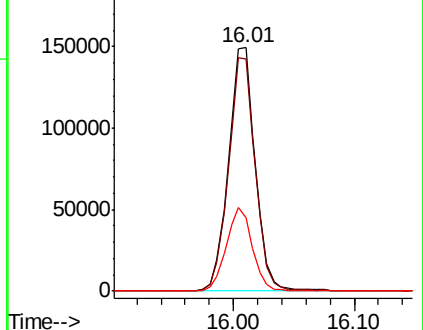
141 33.7 26.1 39.1

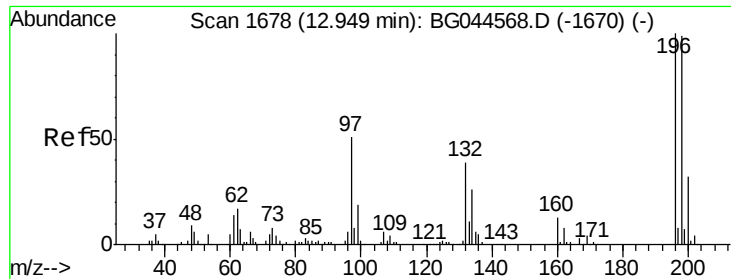


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

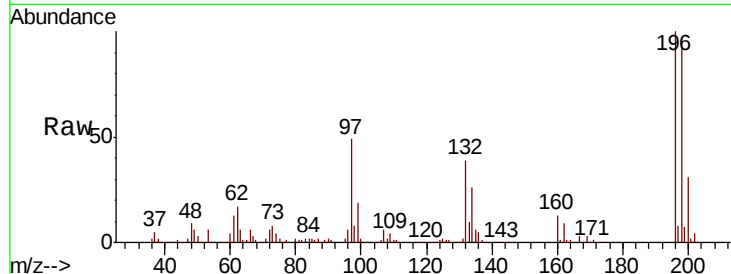




#43
 2,4,6-Trichlorophenol
 Concen: 41.910 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	153600
Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.2	118.8
200	31.3	25.7	38.5

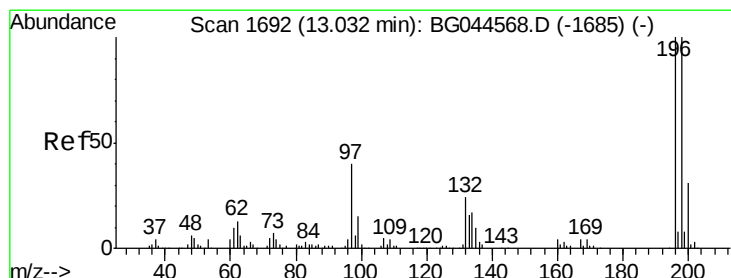
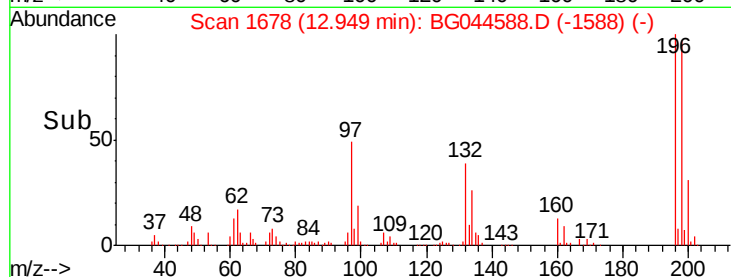
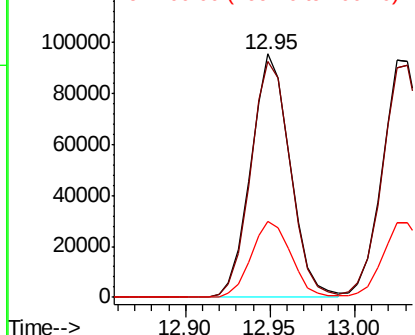


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.353 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion	196	Resp	166981
Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.3	118.9
97	45.4	32.3	48.5
132	26.0	19.1	28.7

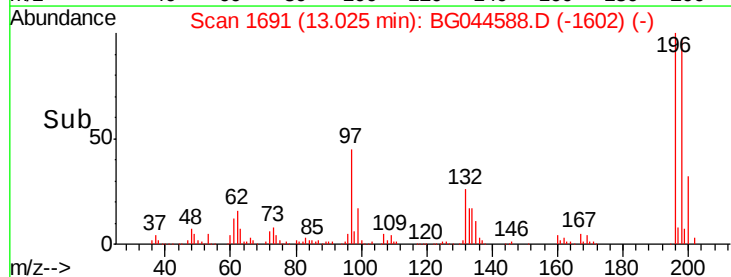
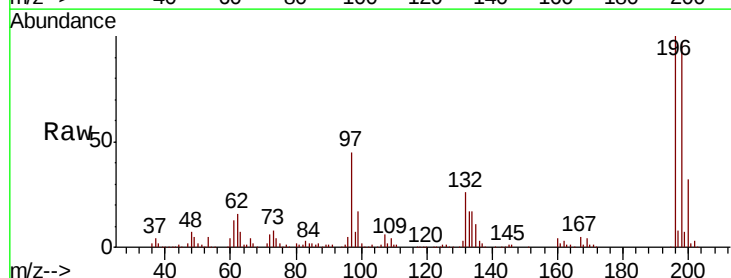
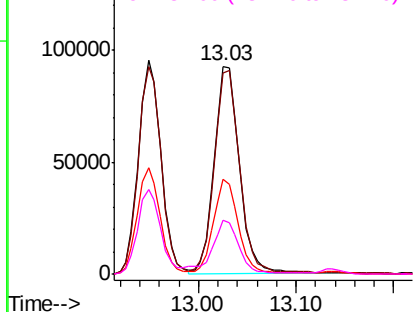
Abundance

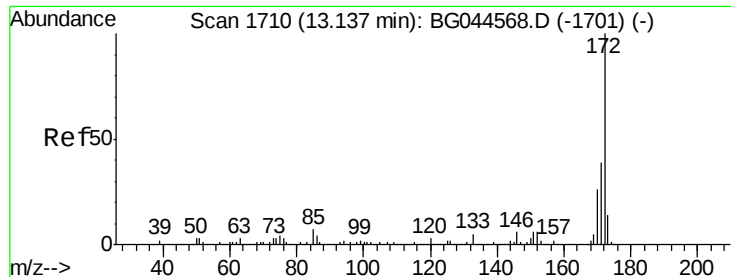
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

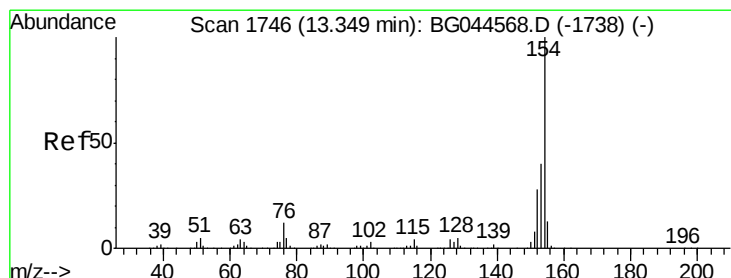
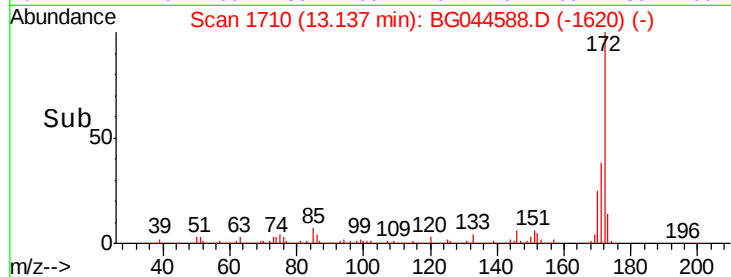
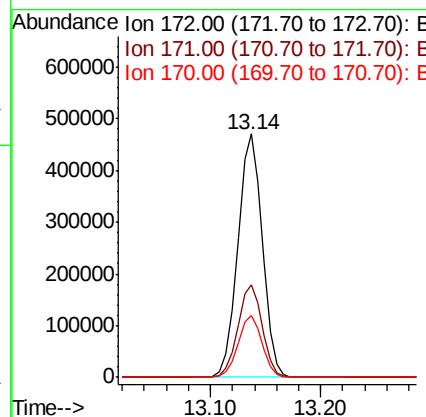
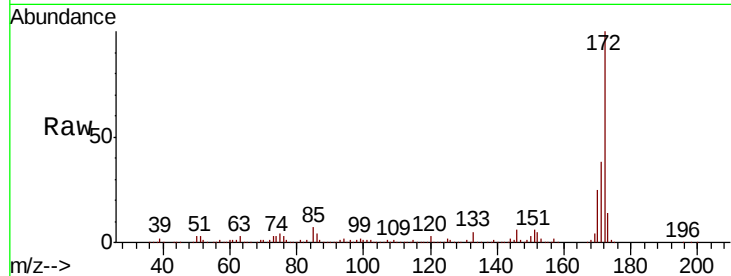




#45
 2-Fluorobiphenyl
 Concen: 62.511 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

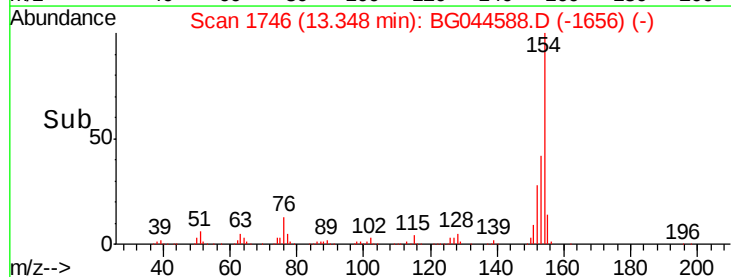
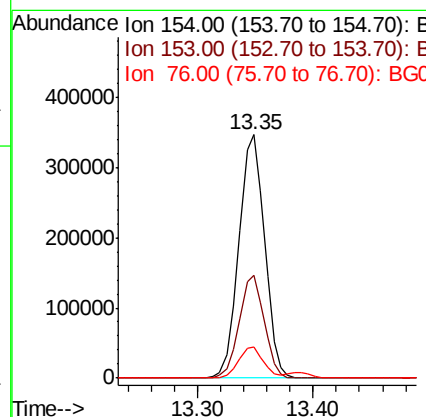
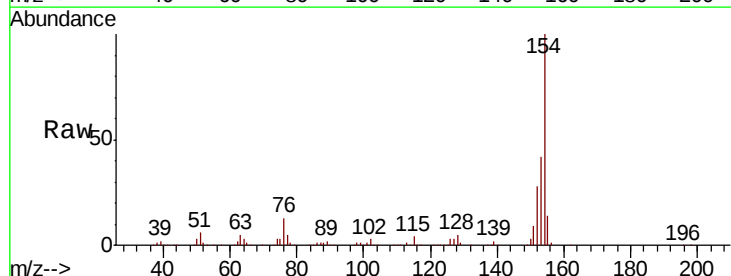
Instrument :
 BNA_G
 ClientSampleId :

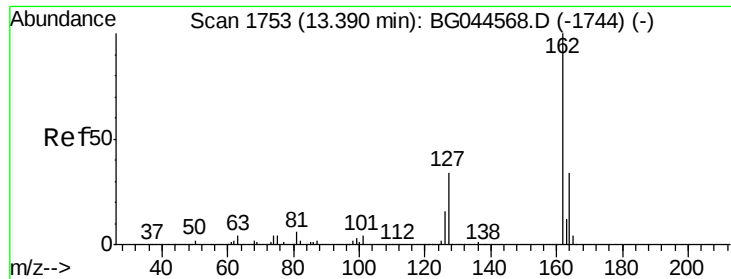
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.3	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 38.509 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.2	60.2
76	12.5	0.0	31.8

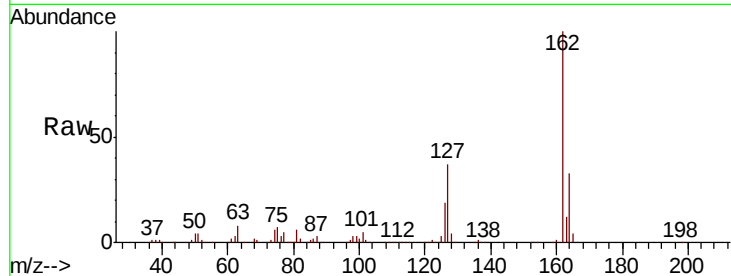




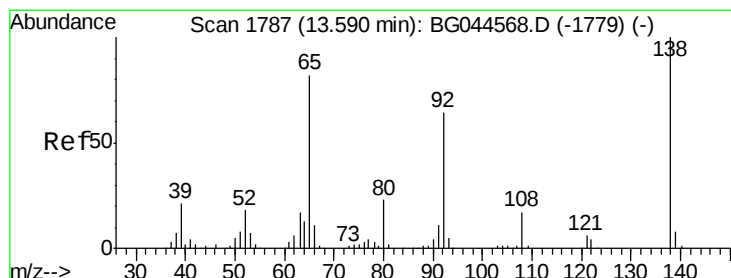
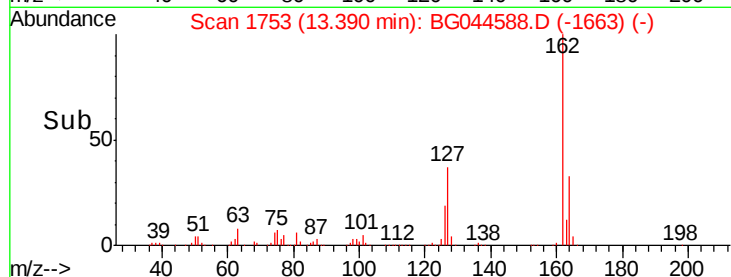
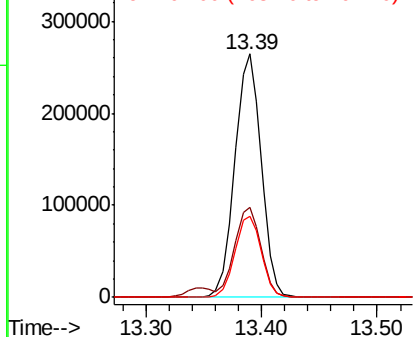
#47
 2-Chloronaphthalene
 Concen: 38.325 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.7	43.1
164	33.5	27.3	40.9

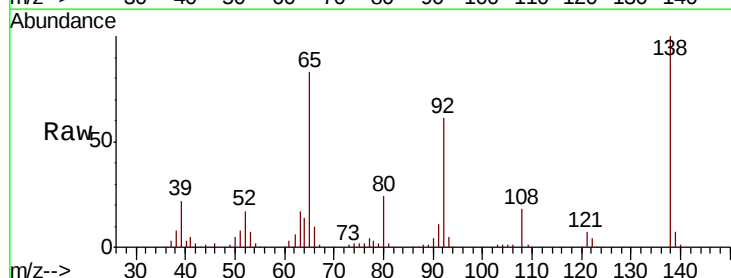


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

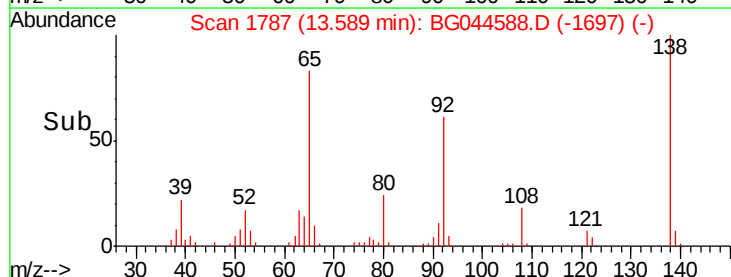
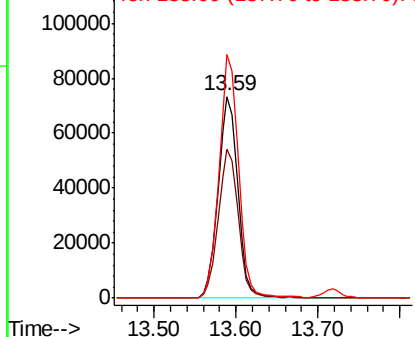


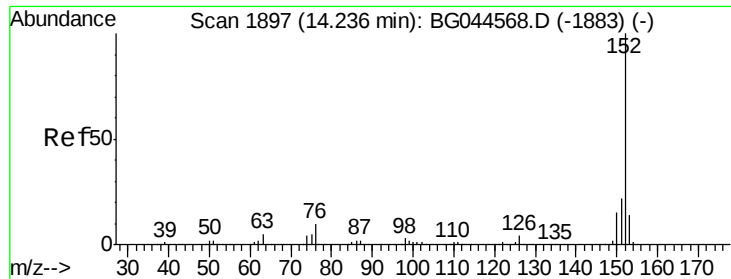
#48
 2-Nitroaniline
 Concen: 41.278 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	62.2	93.2
138	120.7	97.6	146.4



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





#49

Acenaphthylene

Concen: 41.695 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

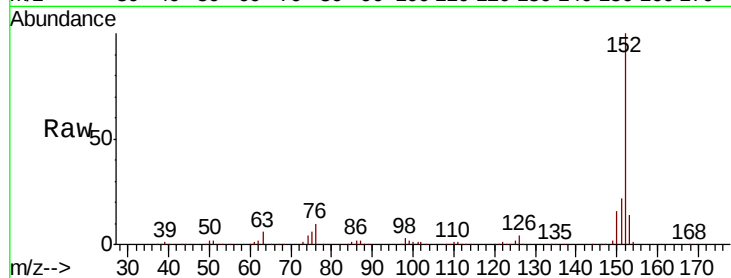
Tot Ion:152 Resp: 669634

Ion Ratio Lower Upper

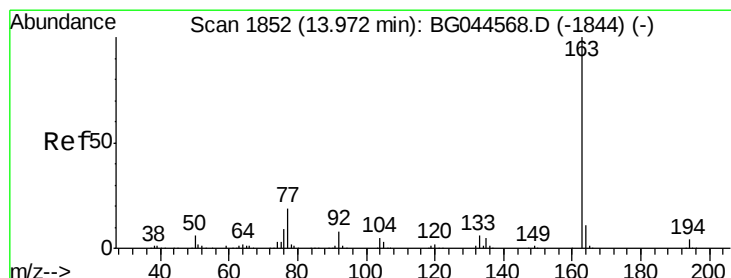
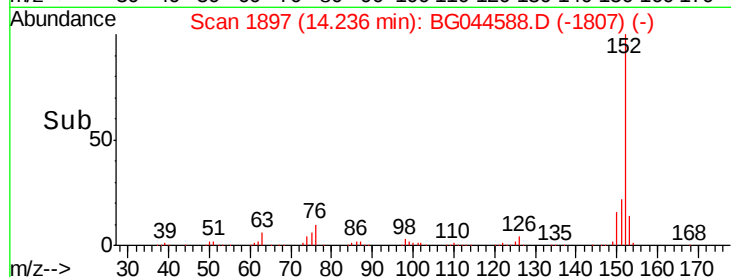
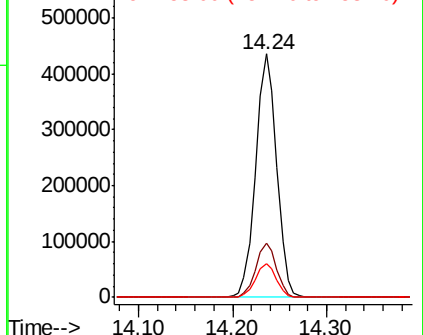
152 100

151 22.3 17.7 26.5

153 14.1 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



#50

Dimethylphthalate

Concen: 42.775 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

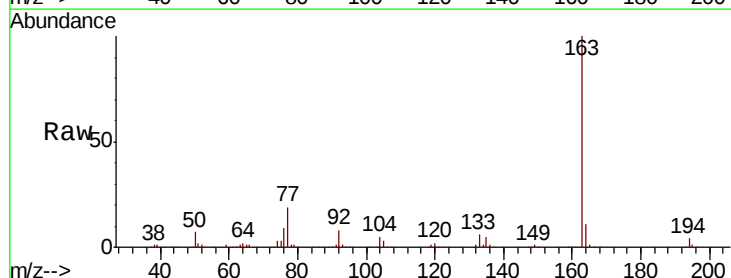
Tgt Ion:163 Resp: 578855

Ion Ratio Lower Upper

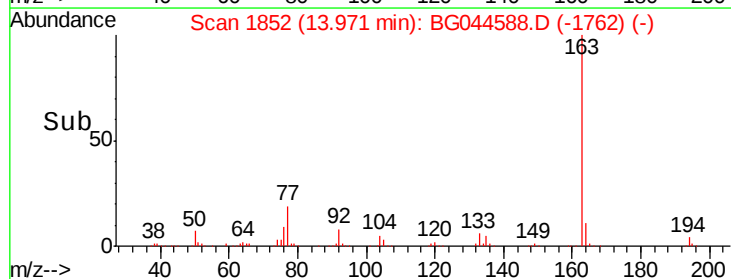
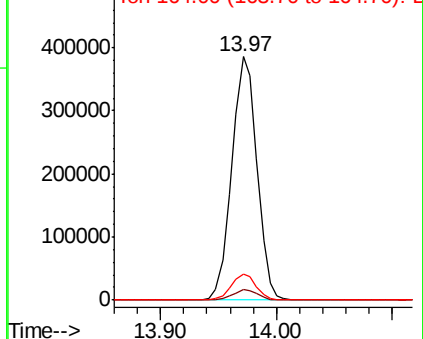
163 100

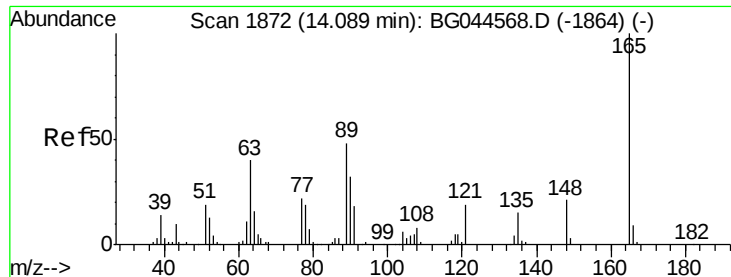
194 4.3 3.4 5.0

164 10.5 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 42.386 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044588.D

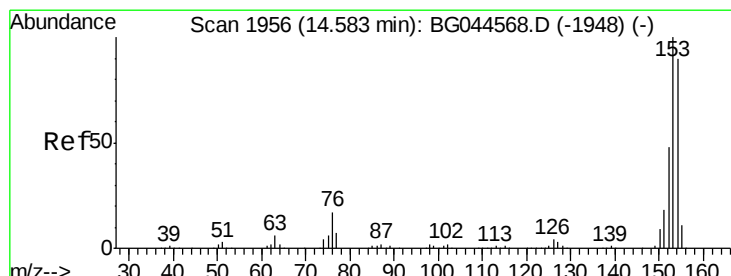
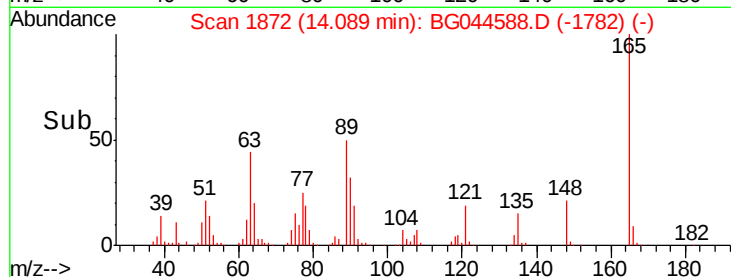
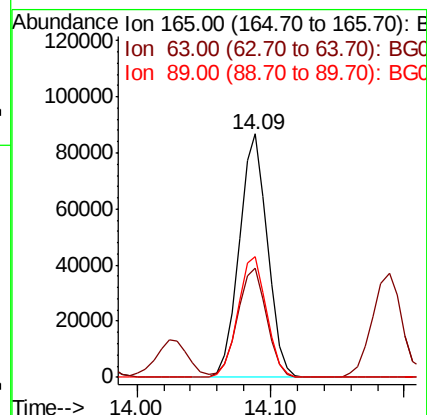
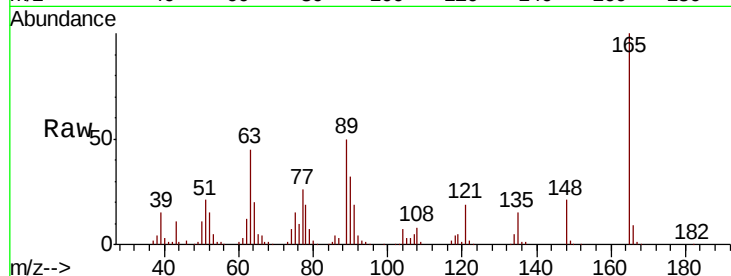
Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	126503
Ion Ratio	Lower	Upper
165	100	
63	44.8	35.8 53.6
89	49.6	38.7 58.1



#52

Acenaphthene

Concen: 39.982 ng

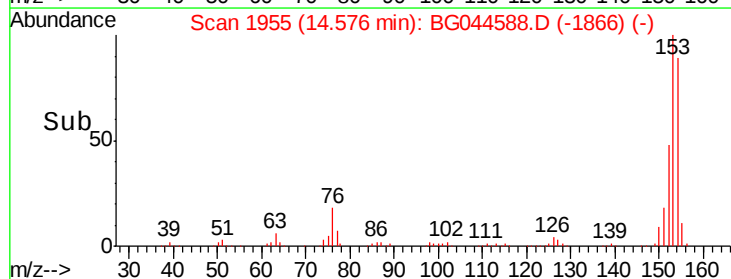
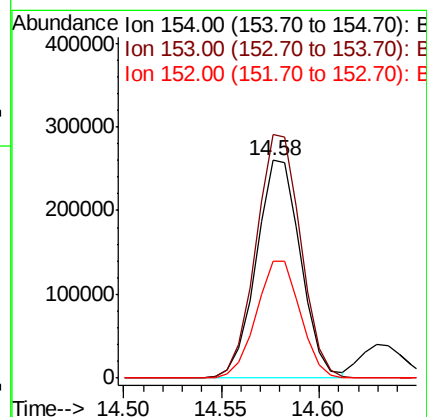
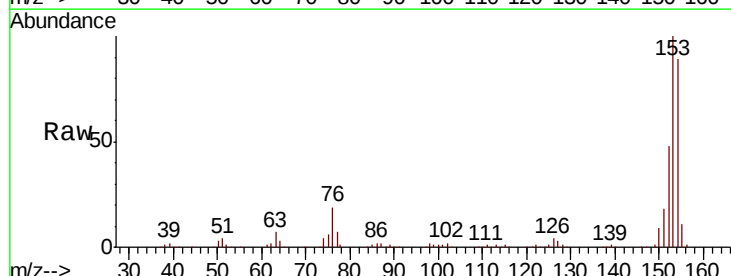
RT: 14.58 min Scan# 1955

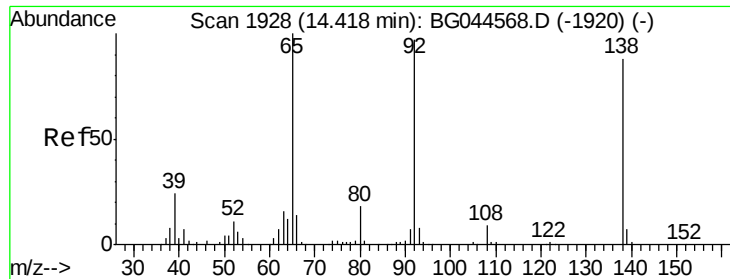
Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion:154	Resp:	409327
Ion Ratio	Lower	Upper
154	100	
153	111.9	89.4 134.0
152	53.5	43.0 64.4

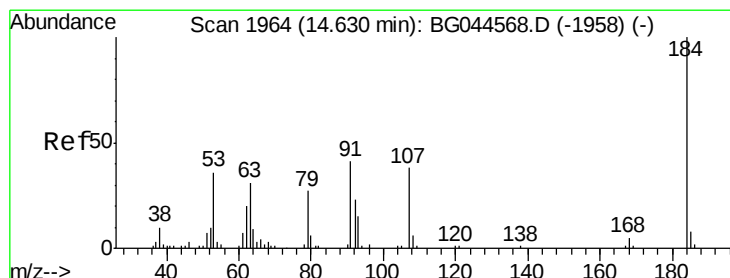
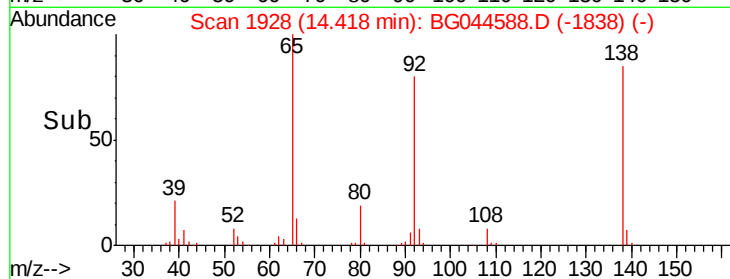
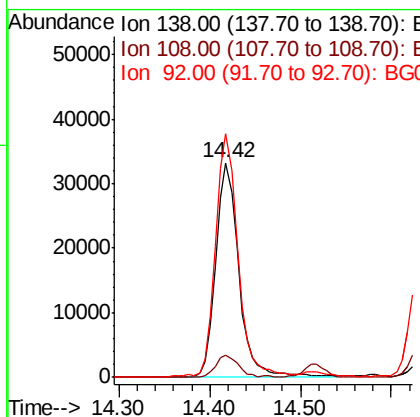
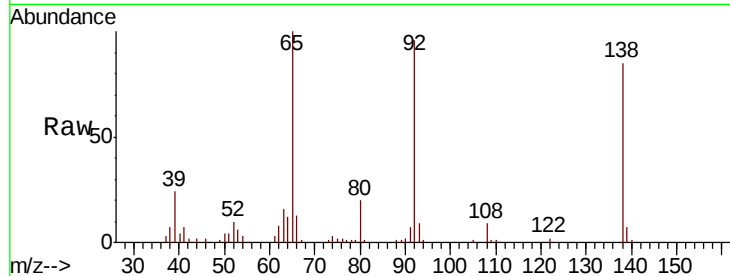




#53
3-Nitroaniline
Concen: 18.197 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

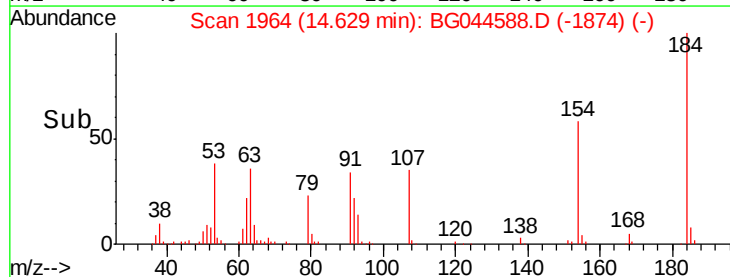
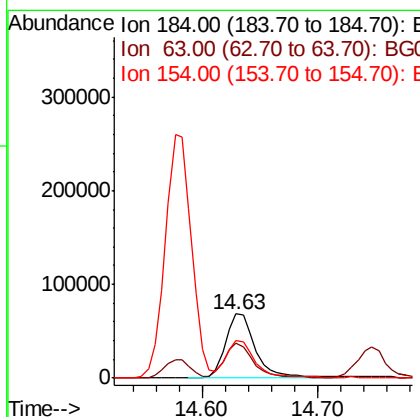
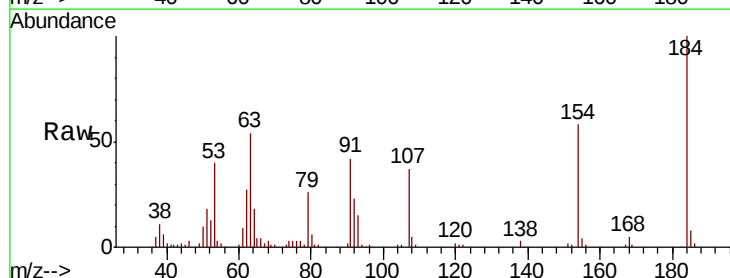
Instrument :
BNA_G
ClientSampled :

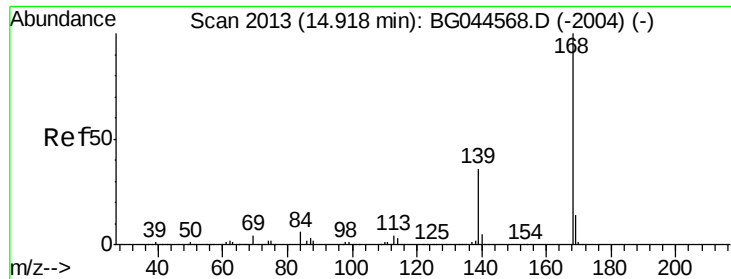
Tot Ion:138 Resp: 58572
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 113.4 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 70.981 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:184 Resp: 124092
Ion Ratio Lower Upper
184 100
63 54.5 42.1 63.1
154 57.7 43.4 65.2

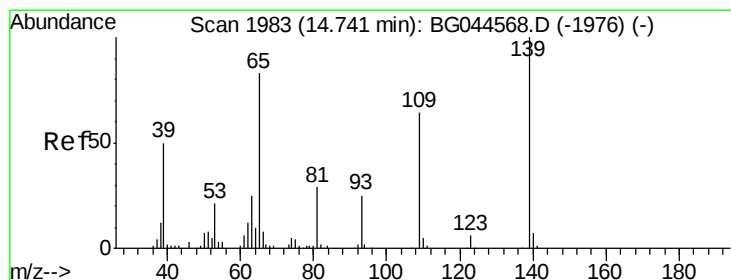
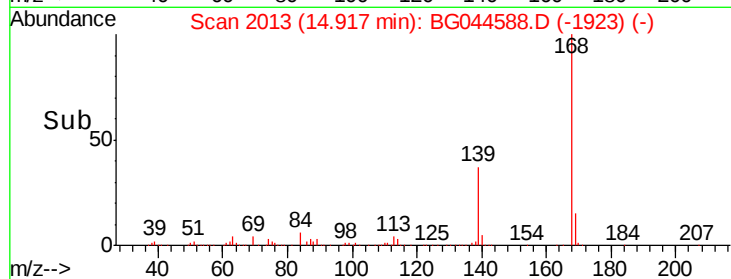
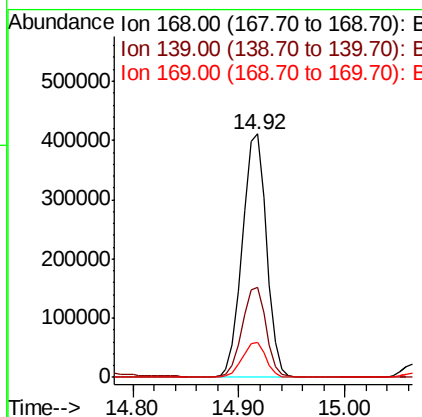
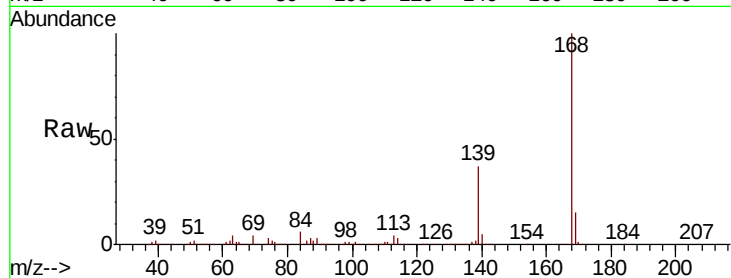




#55
Dibenzofuran
Concen: 41.573 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

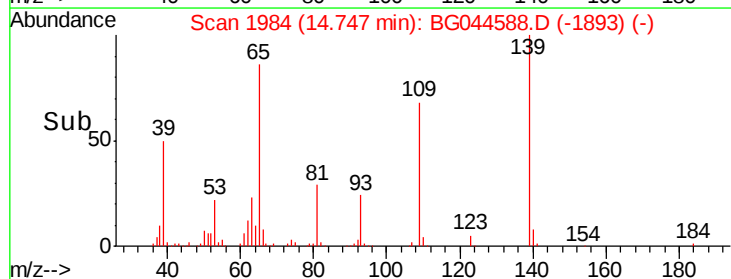
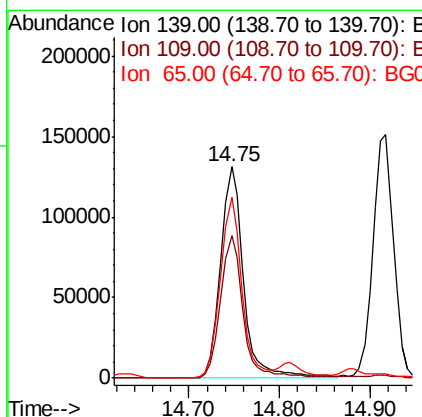
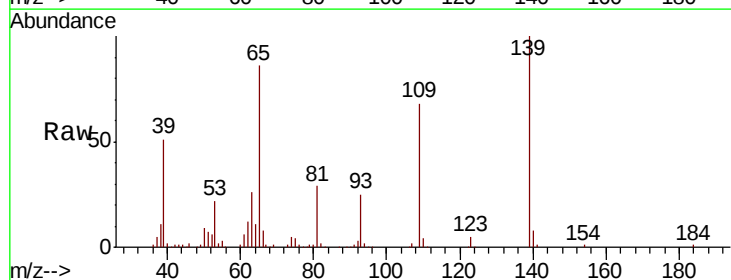
Instrument :
BNA_G
ClientSampled :

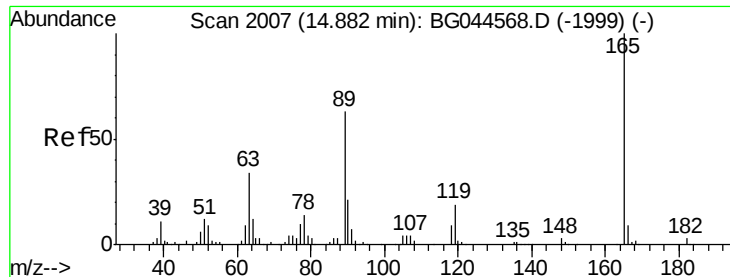
Tot Ion:168 Resp: 652488
Ion Ratio Lower Upper
168 100
139 36.8 29.2 43.8
169 14.5 11.0 16.6



#56
4-Nitrophenol
Concen: 104.050 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:139 Resp: 230378
Ion Ratio Lower Upper
139 100
109 67.8 43.8 83.8
65 86.0 63.6 103.6

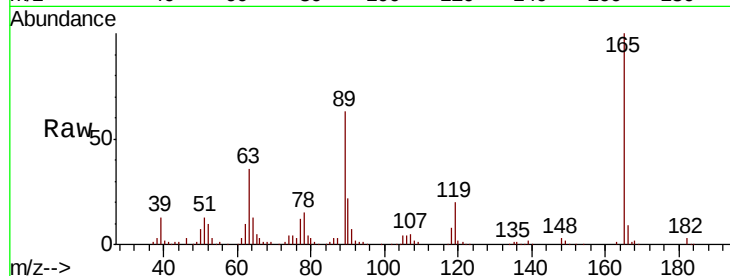




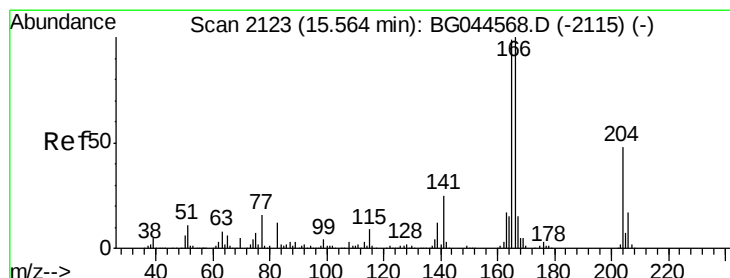
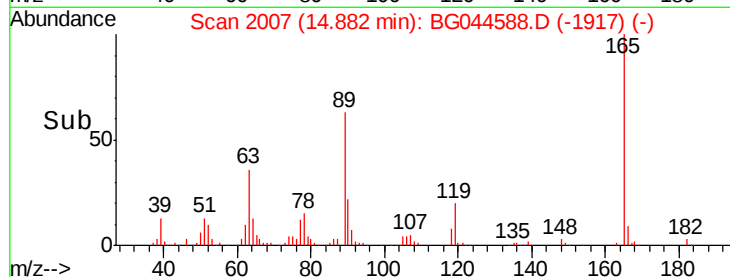
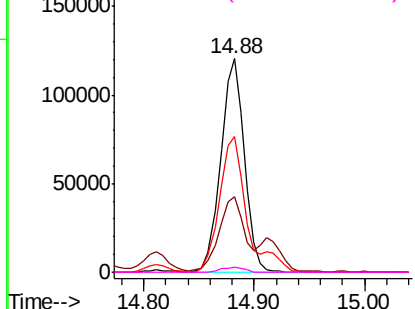
#57
2,4-Dinitrotoluene
Concen: 42.713 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.6	27.5	41.3
89	63.5	50.0	75.0
182	2.5	2.3	3.5

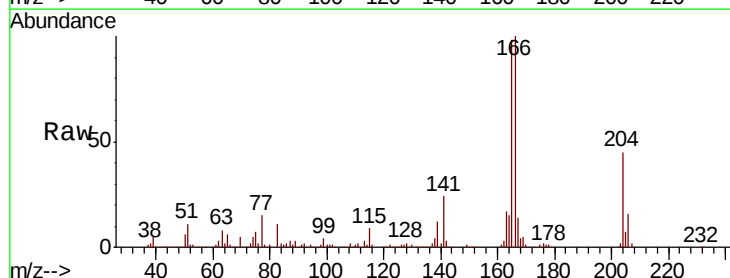


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

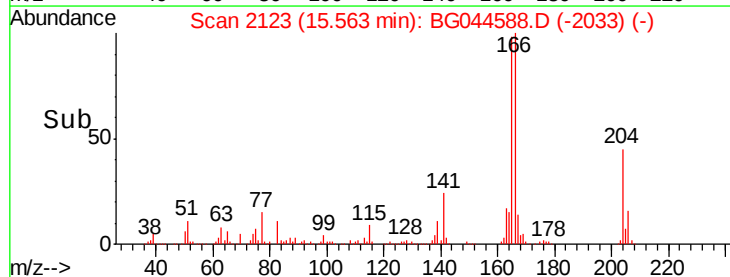
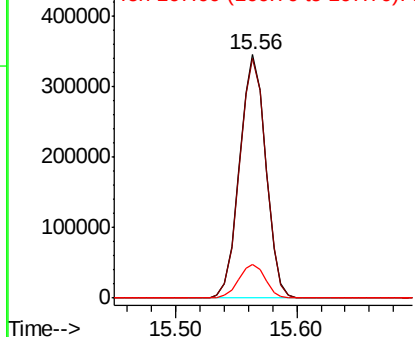


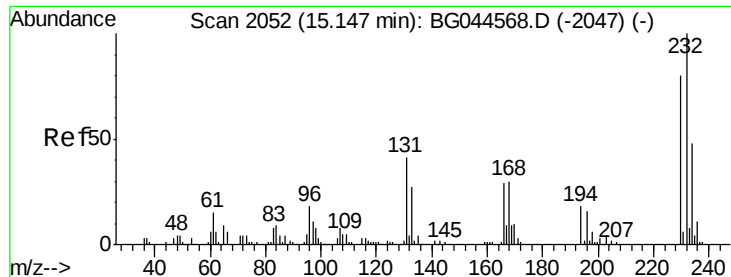
#58
Fluorene
Concen: 42.013 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	13.7	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

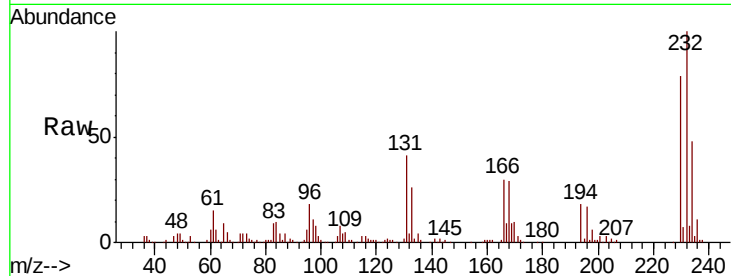




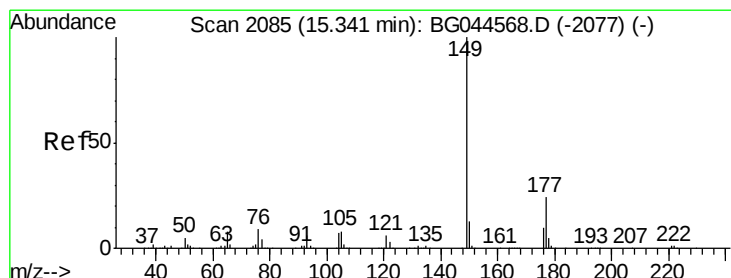
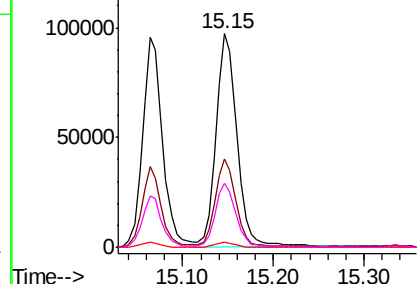
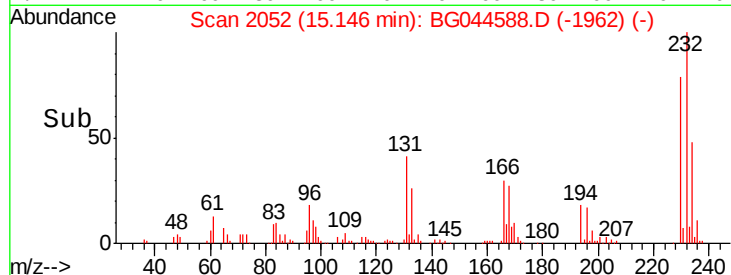
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.761 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	155185
Ion Ratio	Lower	Upper
232	100	
131	40.3	31.8 47.6
130	2.2	1.8 2.6
166	29.8	22.7 34.1

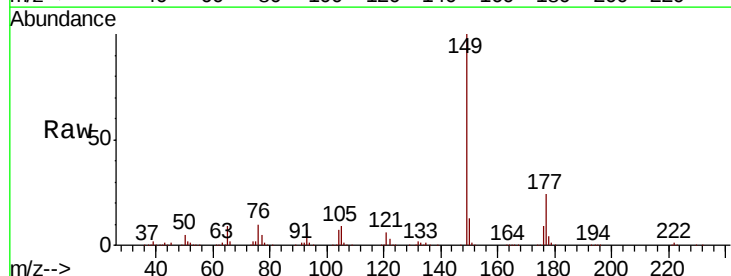


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

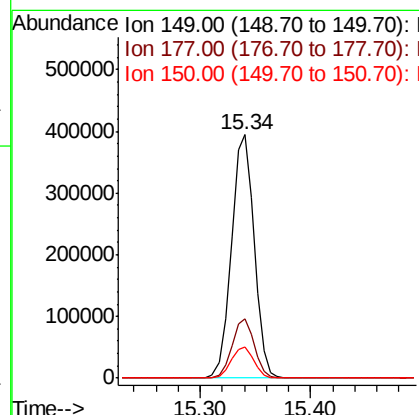
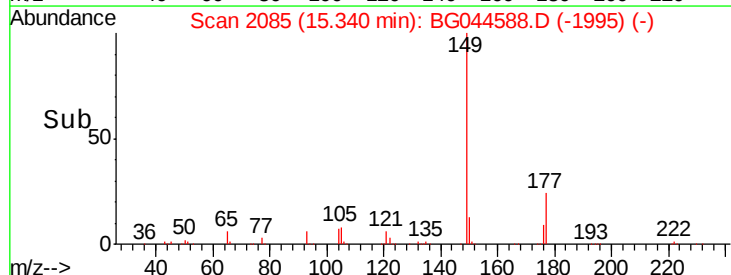


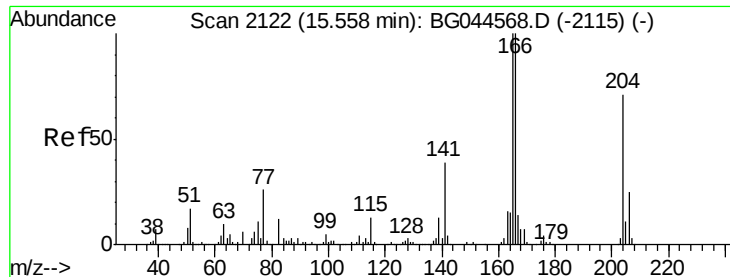
#60
 Diethylphthalate
 Concen: 42.390 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion:149	Resp:	568388
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.2 28.8
150	12.6	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

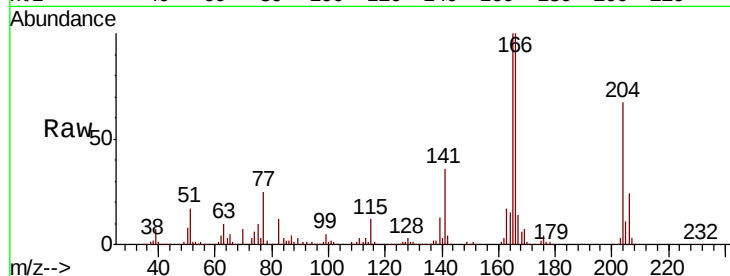




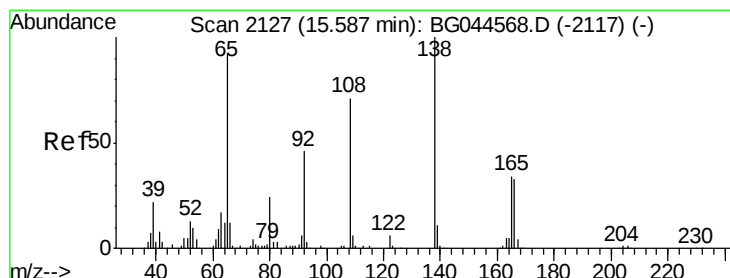
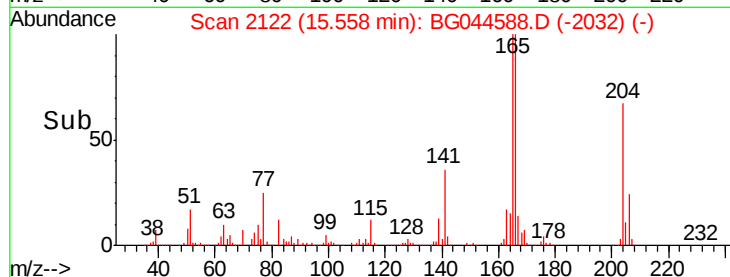
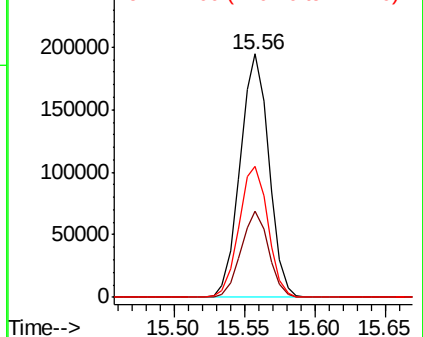
#61
4-Chlorophenyl-phenylether
Concen: 40.921 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 276883
Ion Ratio Lower Upper
204 100
206 35.2 27.8 41.8
141 53.7 43.8 65.8

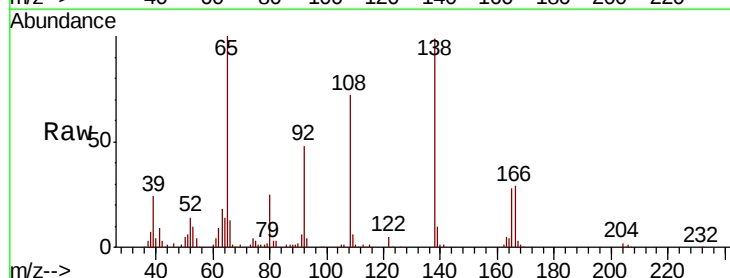


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

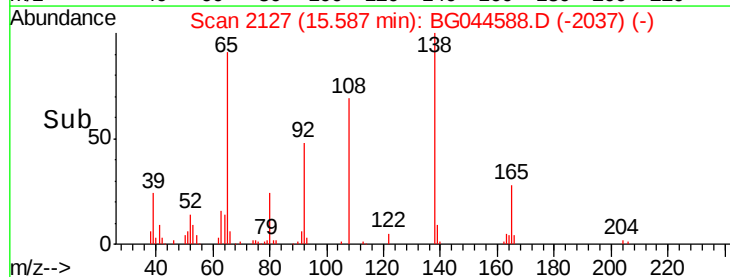
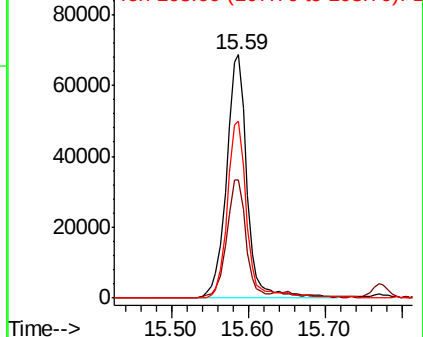


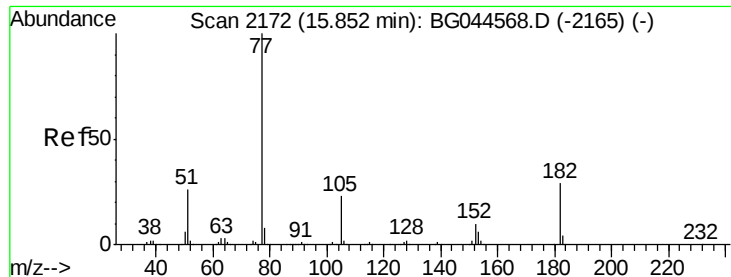
#62
4-Nitroaniline
Concen: 39.754 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:138 Resp: 128128
Ion Ratio Lower Upper
138 100
92 48.4 26.4 66.4
108 72.9 50.5 90.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

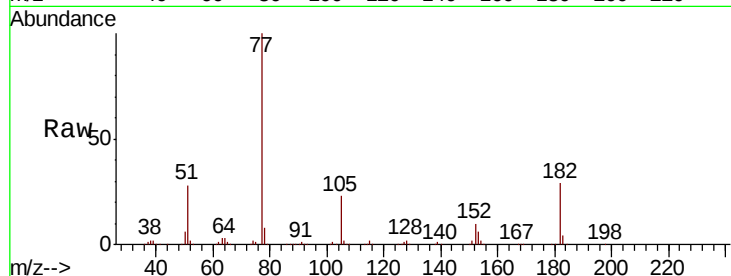




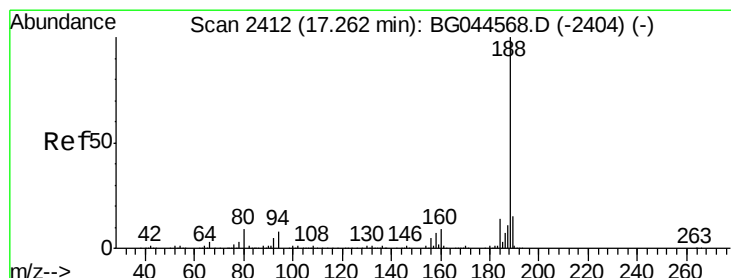
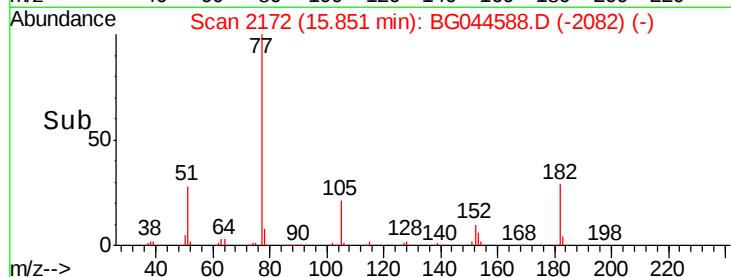
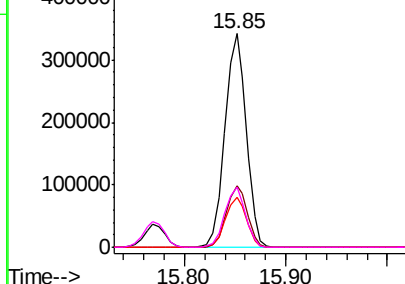
#63
Azobenzene
Concen: 43.511 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	496518
Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.4	49.4
105	23.2	3.4	43.4
51	28.1	6.4	46.4

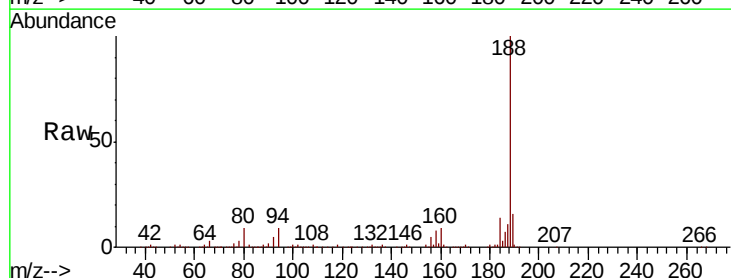


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

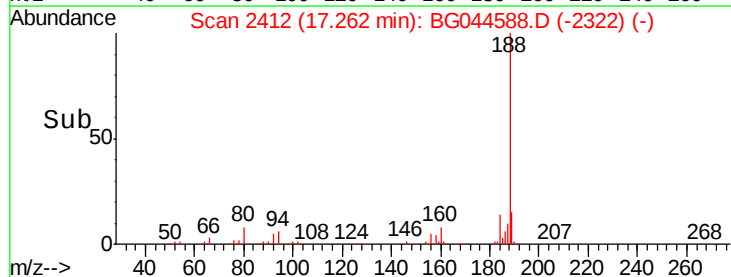
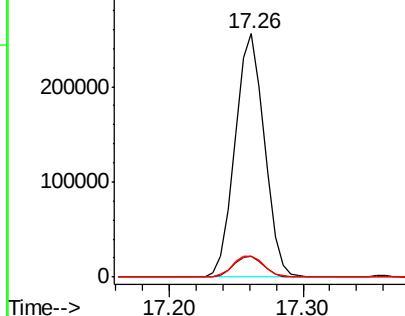


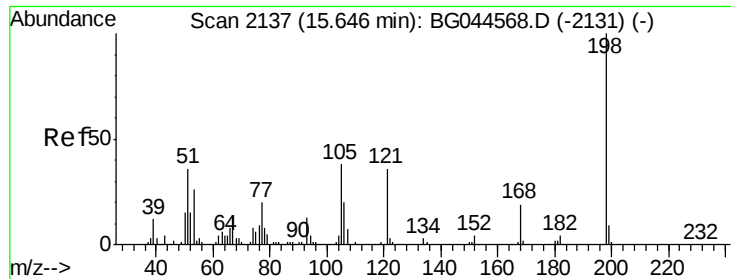
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:	188	Resp:	389903
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	8.8	7.6	11.4



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

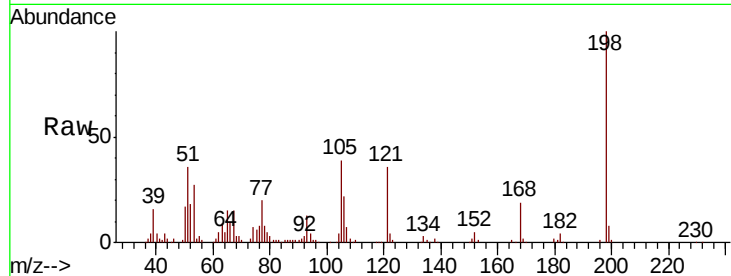




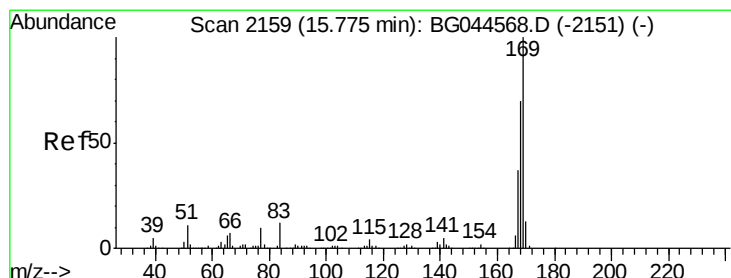
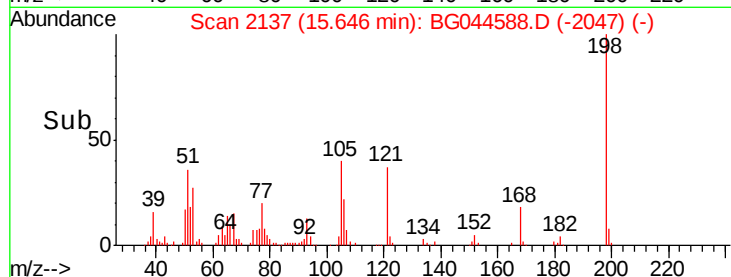
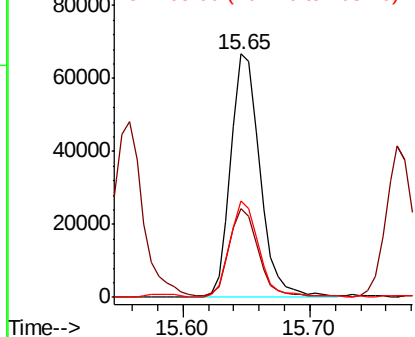
#65
4,6-Dinitro-2-methylphenol
Concen: 44.220 ng
RT: 15.65 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.4	17.0	57.0
105	39.4	18.4	58.4

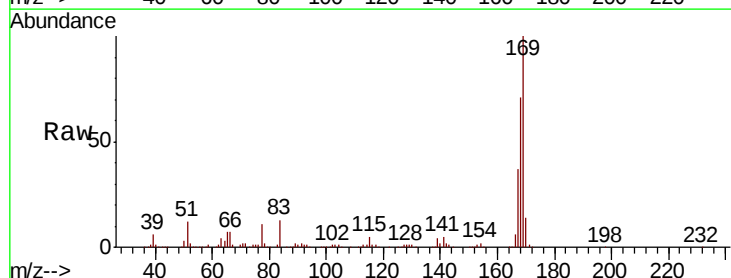


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

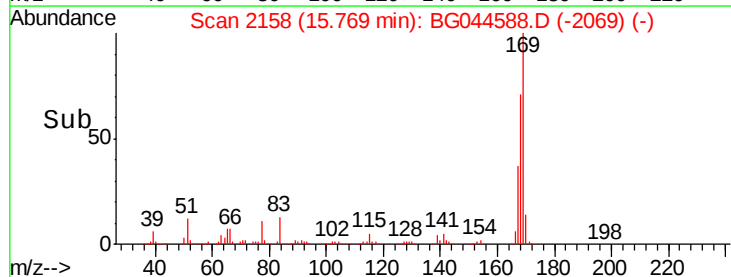
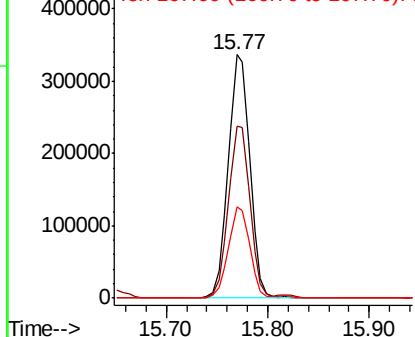


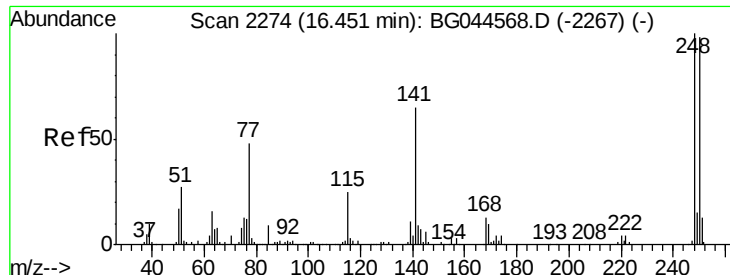
#66
n-Nitrosodiphenylamine
Concen: 40.920 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.1	84.1
167	37.4	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

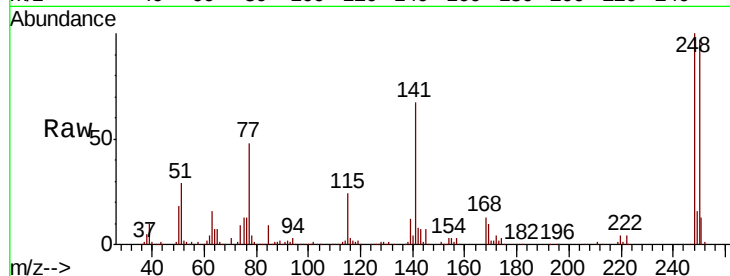




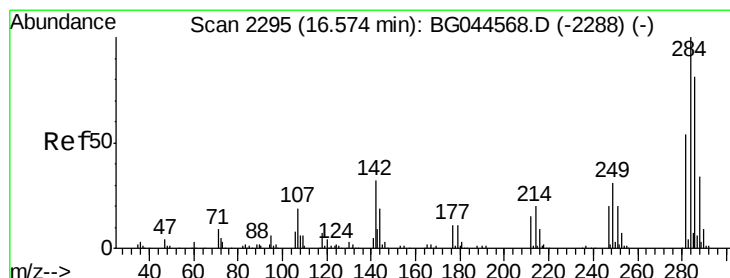
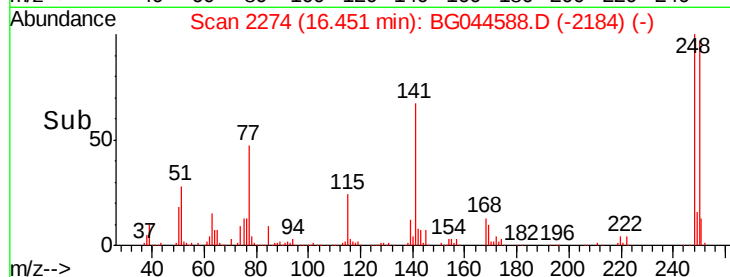
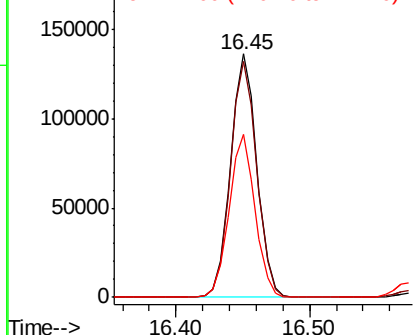
#67
 4-Bromophenyl-phenylether
 Concen: 38.638 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 187002
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.7 118.1
 141 66.9 52.3 78.5

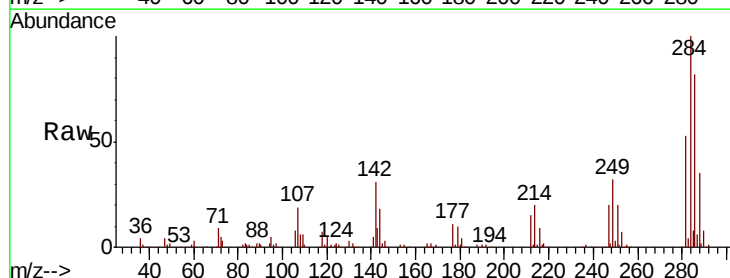


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

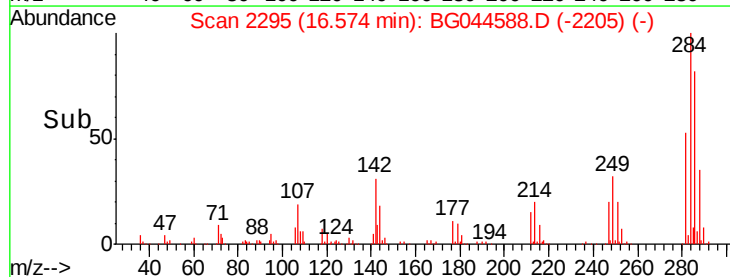
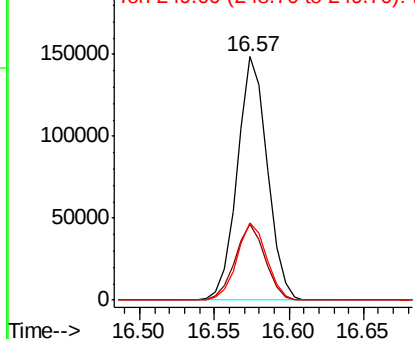


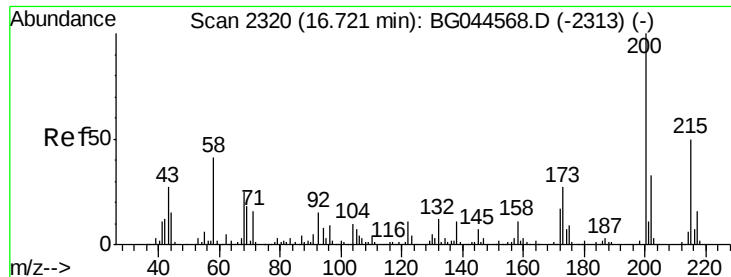
#68
 Hexachlorobenzene
 Concen: 37.982 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion:284 Resp: 207833
 Ion Ratio Lower Upper
 284 100
 142 31.2 25.6 38.4
 249 31.8 24.6 36.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.270 ng

RT: 16.73 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

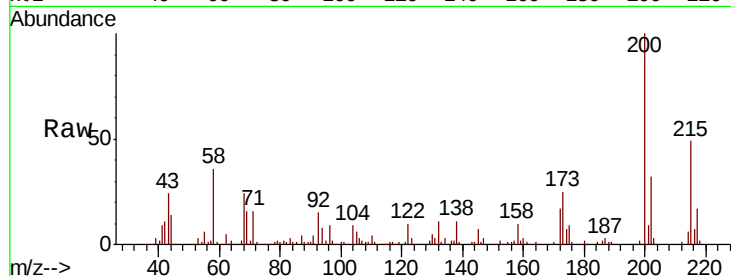
Tot Ion:200 Resp: 199045

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

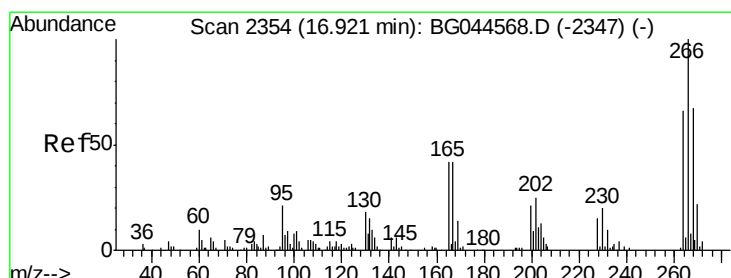
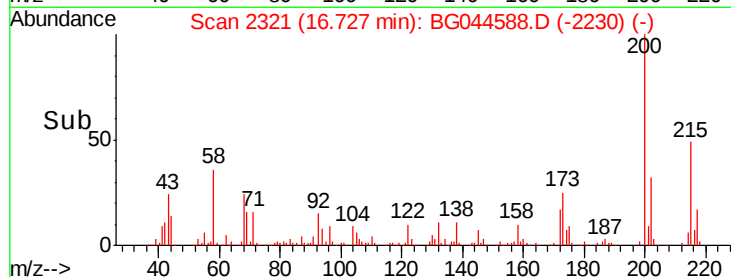
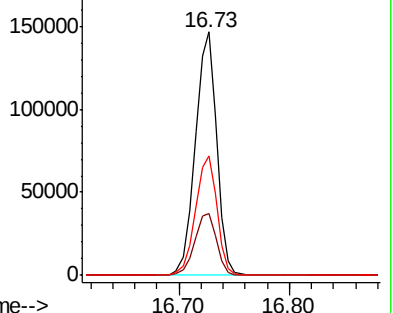
215 49.3 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.308 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

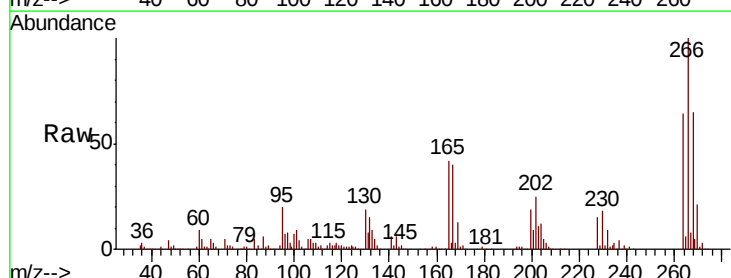
Tgt Ion:266 Resp: 221002

Ion Ratio Lower Upper

266 100

268 65.4 53.4 80.0

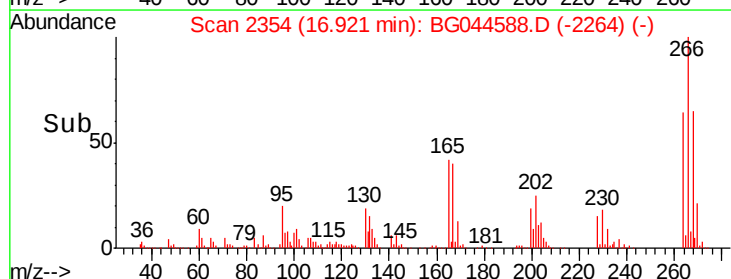
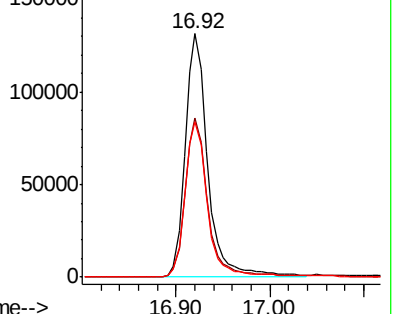
264 63.9 53.0 79.4

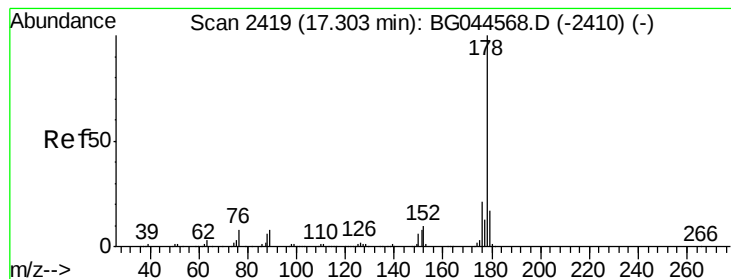


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.782 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

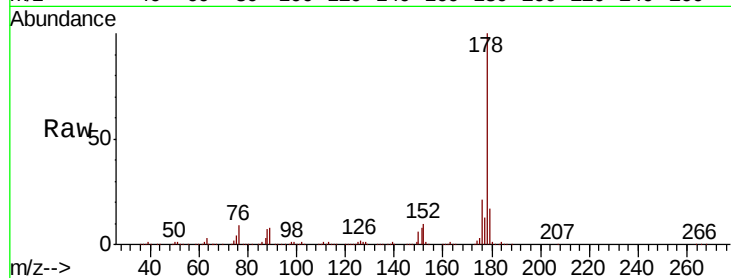
Tot Ion:178 Resp: 880329

Ion Ratio Lower Upper

178 100

176 21.0 16.6 25.0

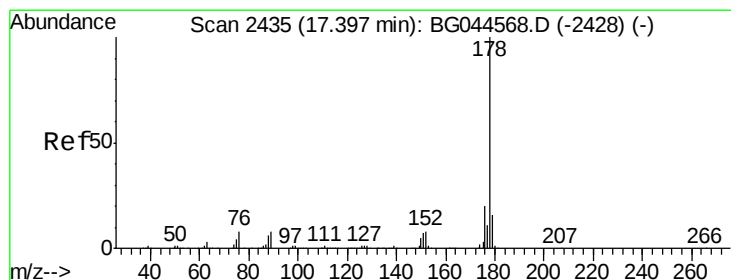
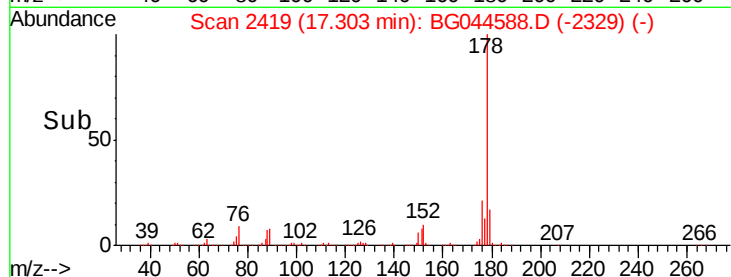
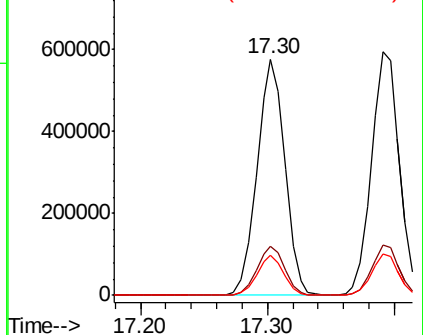
179 16.9 13.3 19.9



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



#72

Anthracene

Concen: 42.680 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

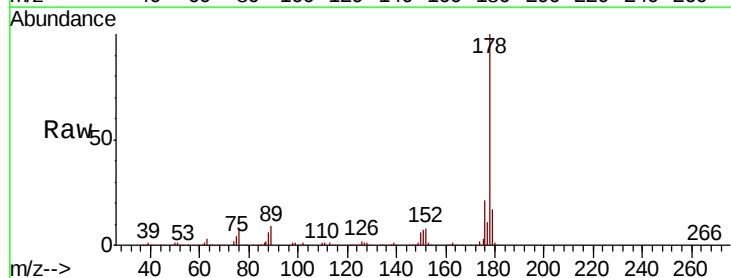
Tgt Ion:178 Resp: 907930

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

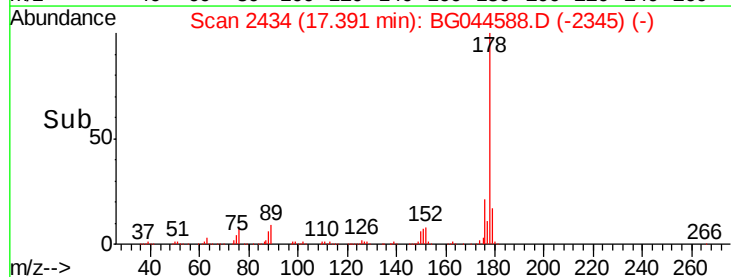
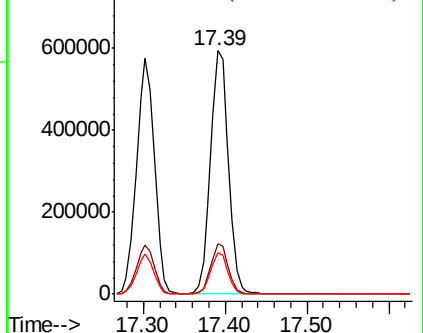
179 16.8 13.1 19.7

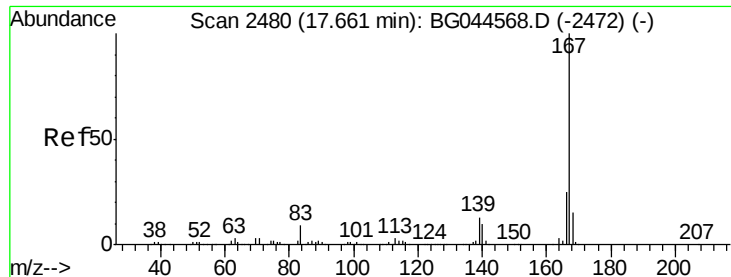


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.795 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

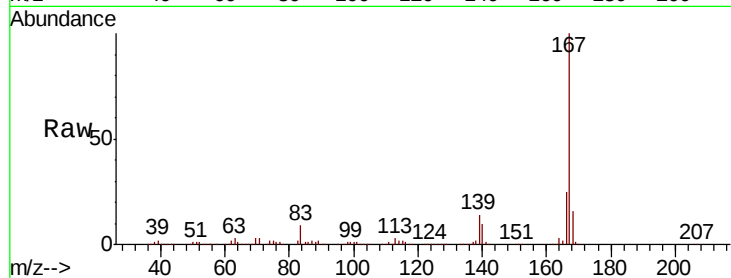
Tot Ion:167 Resp: 828666

Ion Ratio Lower Upper

167 100

166 24.6 19.7 29.5

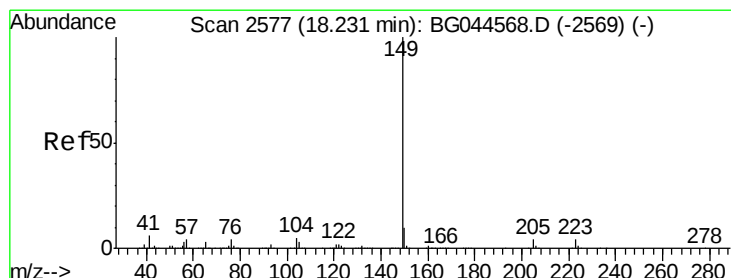
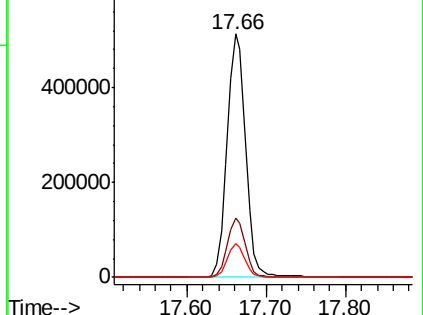
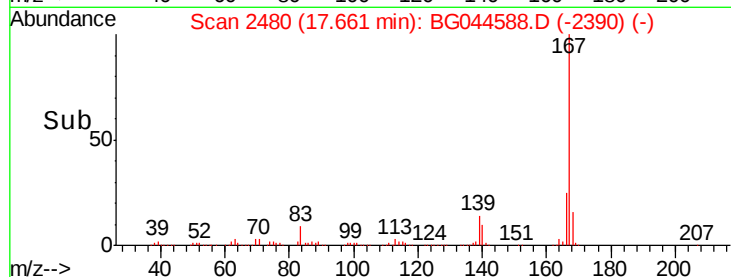
139 13.6 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.081 ng

RT: 18.23 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

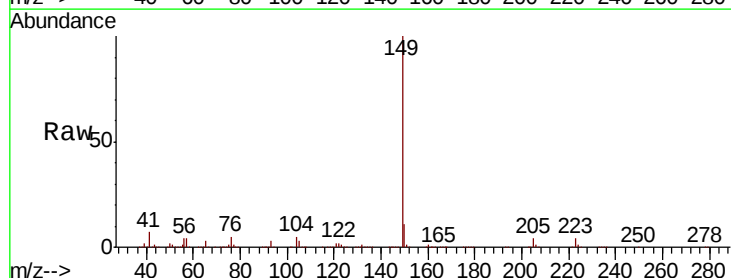
Tgt Ion:149 Resp: 1021065

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.8

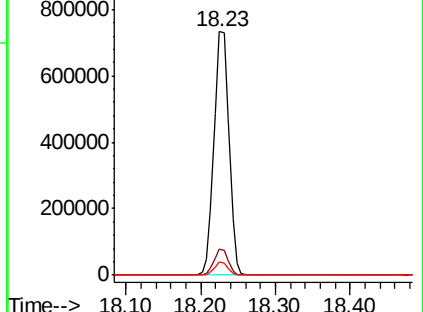
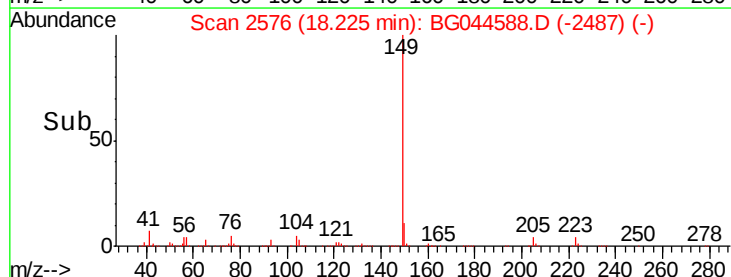
104 5.3 4.0 6.0

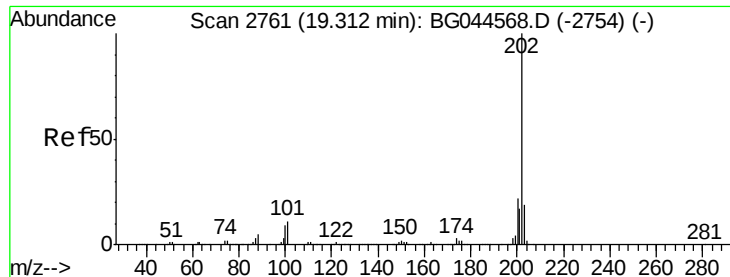


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.384 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

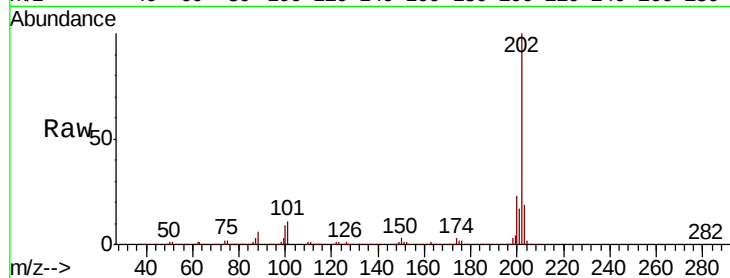
Tot Ion:202 Resp: 1083073

Ion Ratio Lower Upper

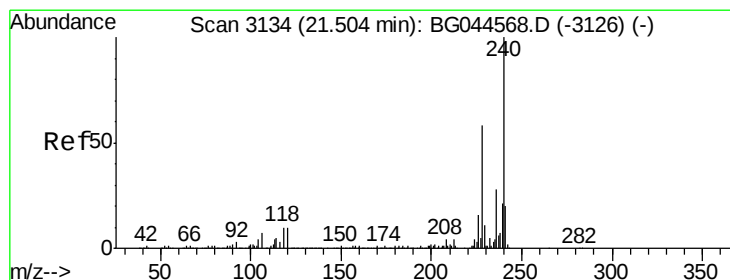
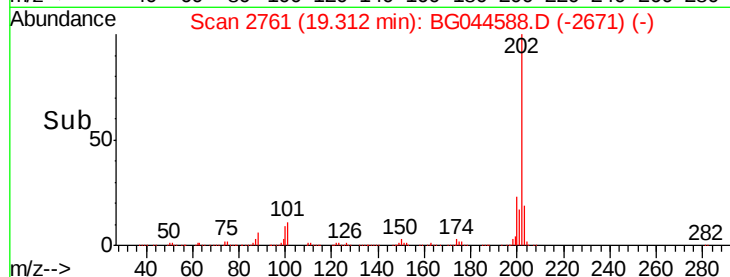
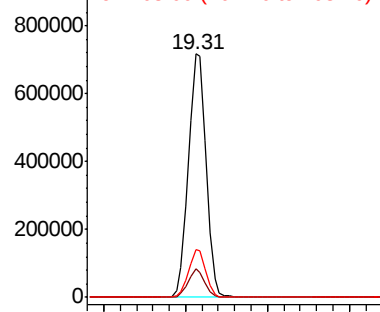
202 100

101 11.5 0.0 31.0

203 19.4 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: BG044588.D

Acq: 25 Feb 2020 22:34

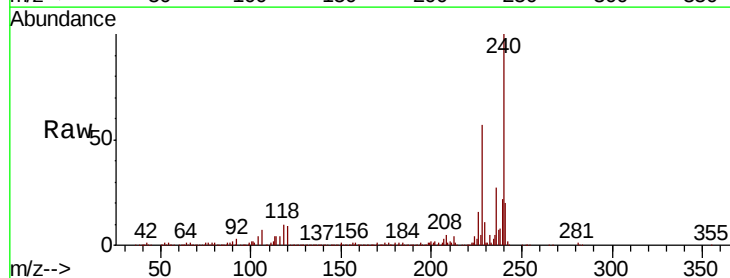
Tgt Ion:240 Resp: 367831

Ion Ratio Lower Upper

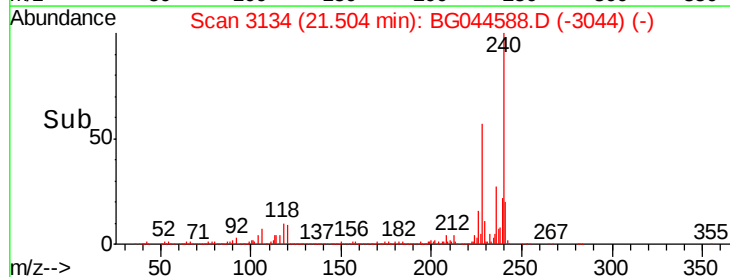
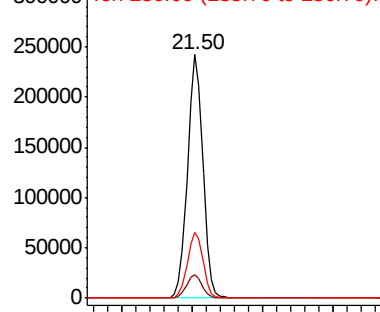
240 100

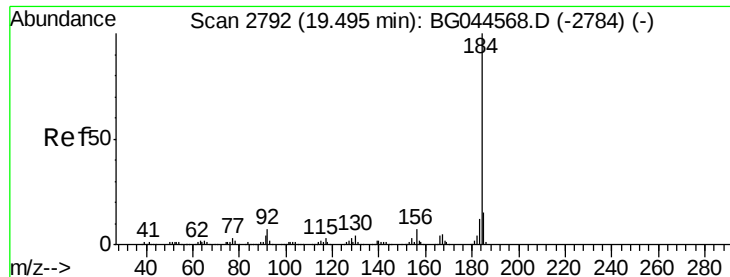
120 9.4 8.3 12.5

236 27.1 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: 26.632 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

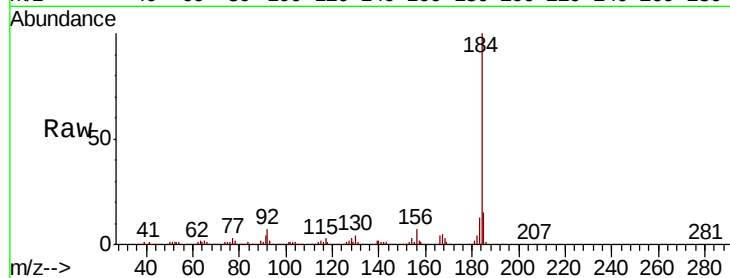
Tot Ion:184 Resp: 335568

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

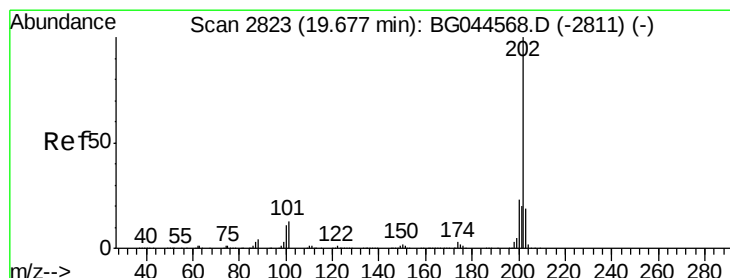
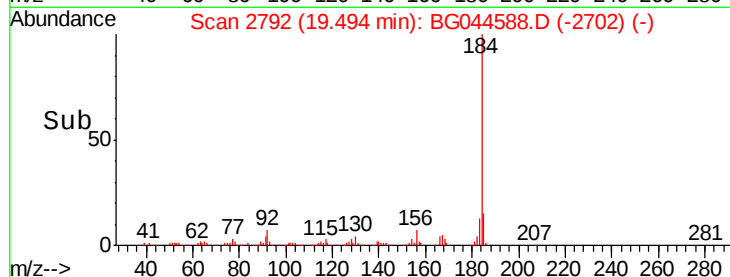
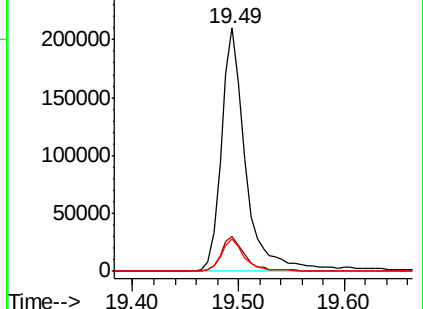
183 13.2 9.9 14.9



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

Pyrene

Concen: 40.849 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

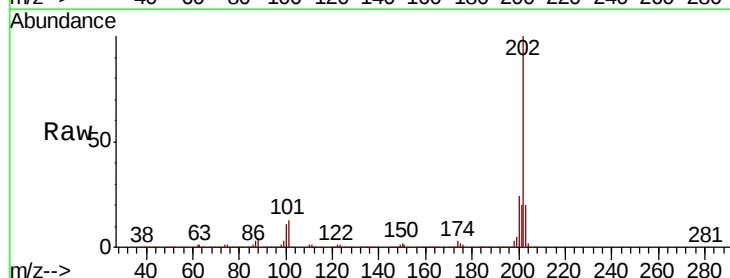
Tgt Ion:202 Resp: 1090724

Ion Ratio Lower Upper

202 100

200 23.6 18.6 28.0

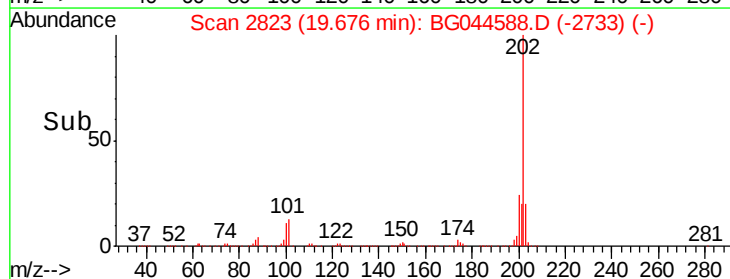
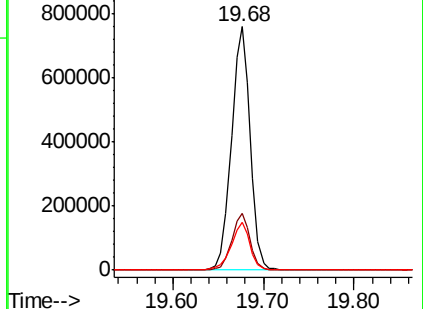
203 19.7 15.3 22.9

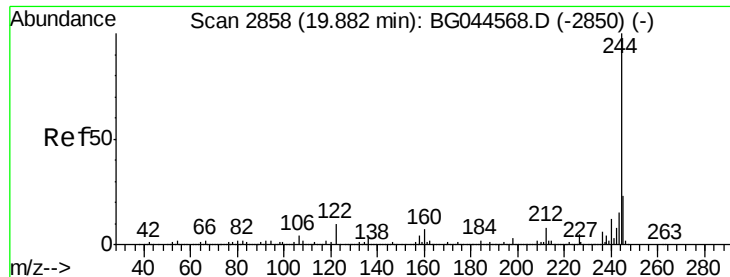


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.895 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampled :

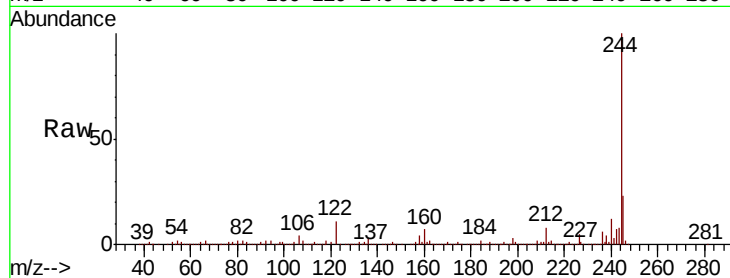
Tot Ion:244 Resp: 1319221

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

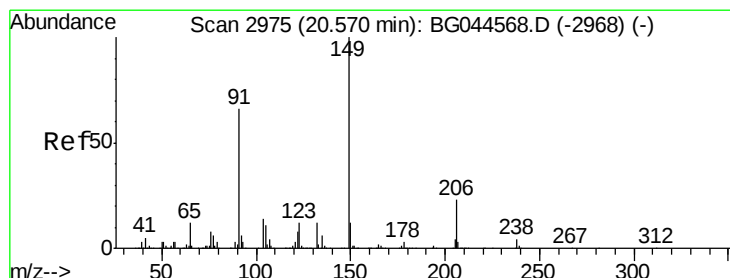
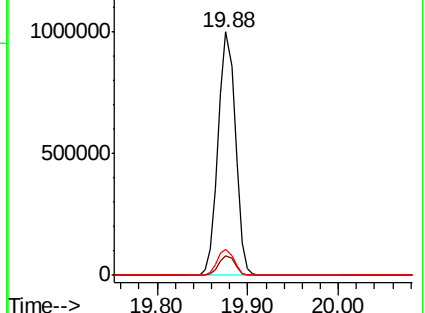
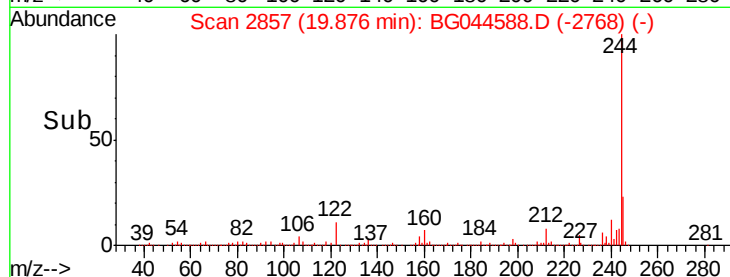
122 10.7 8.2 12.4



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: 40.926 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

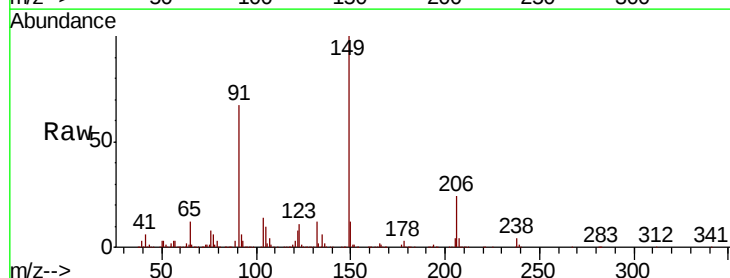
Tgt Ion:149 Resp: 477990

Ion Ratio Lower Upper

149 100

91 66.6 52.7 79.1

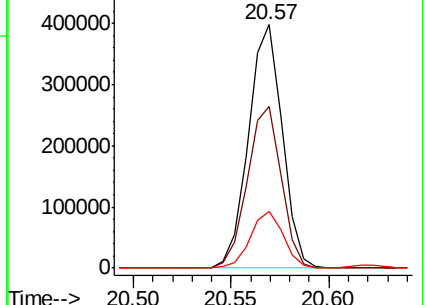
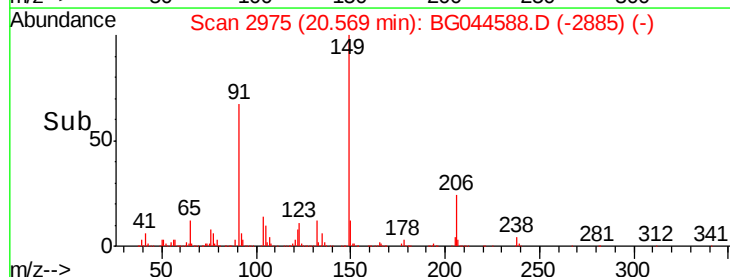
206 23.5 18.6 28.0

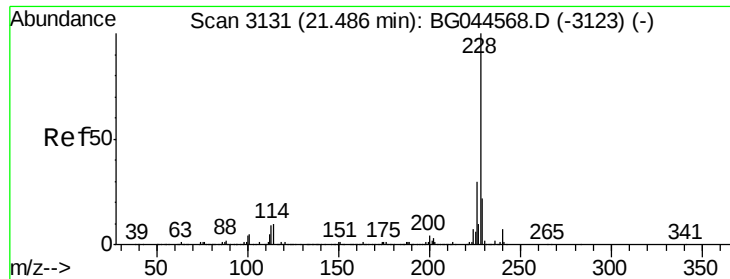


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

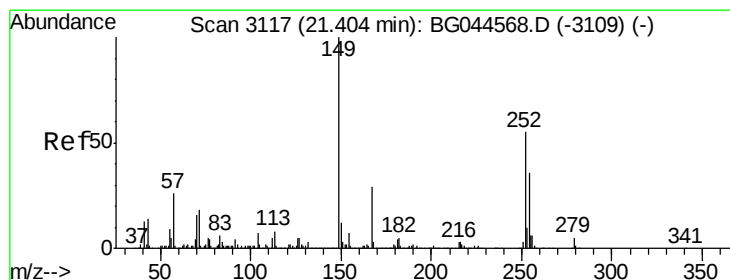
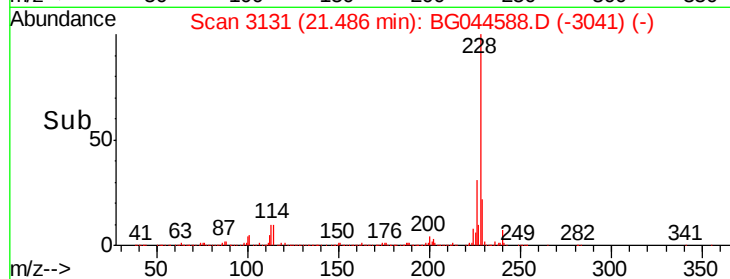
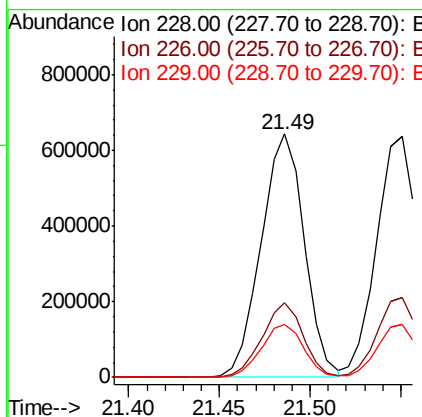
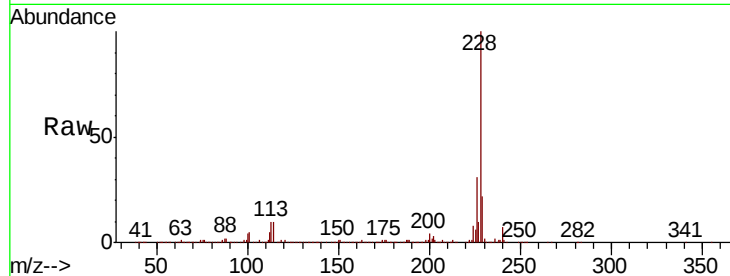




#81
Benzo(a)anthracene
Concen: 41.218 ng
RT: 21.49 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

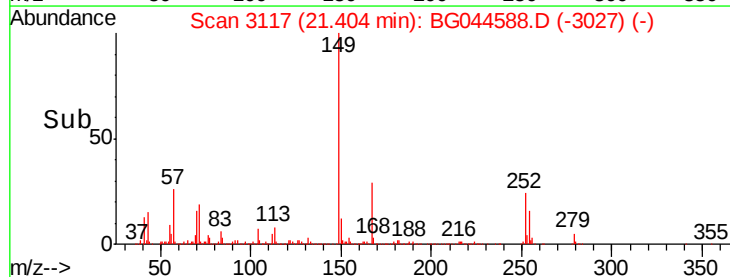
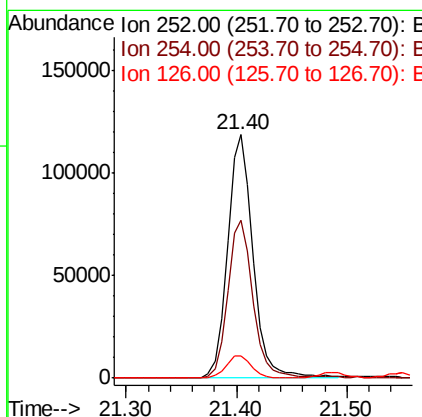
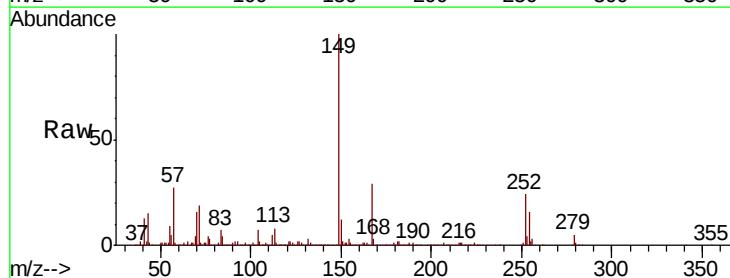
Instrument :
BNA_G
ClientSampleId :

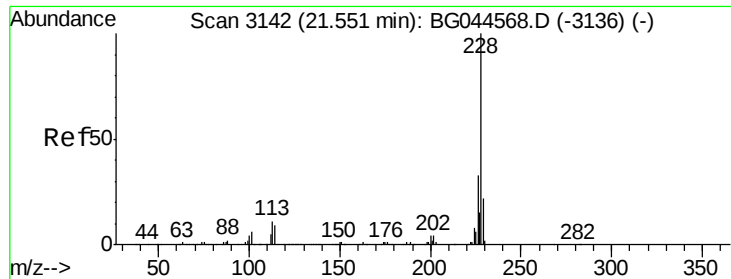
Tot Ion:228 Resp: 1065579
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 21.9 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 18.676 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:252 Resp: 190744
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 8.9 7.8 11.6



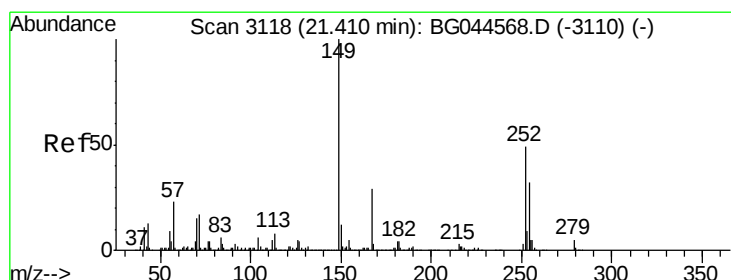
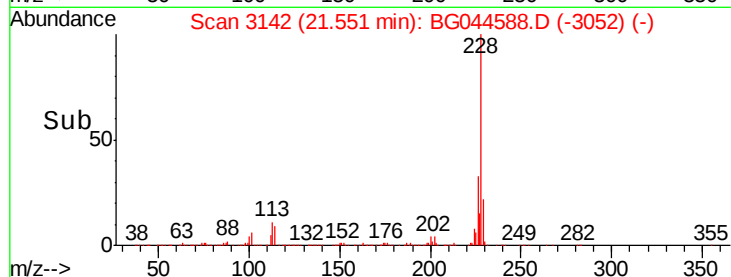
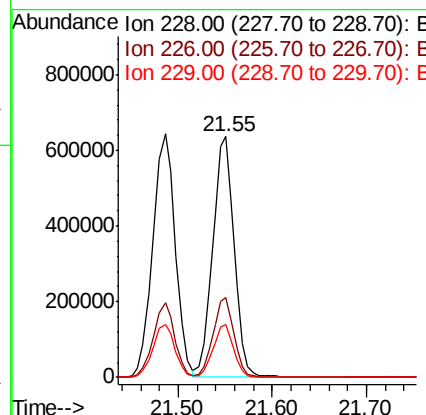
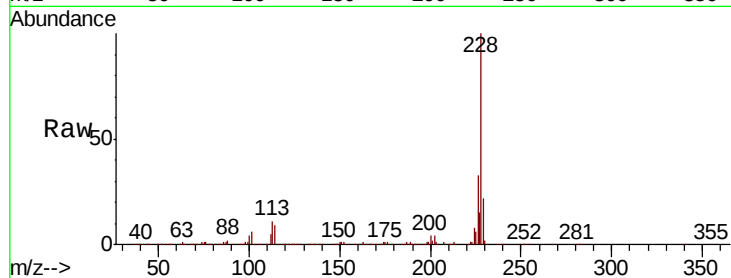


#83
 Chrysene
 Concen: 40.694 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1017165

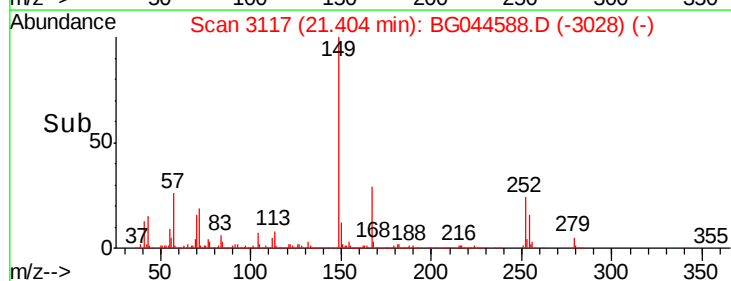
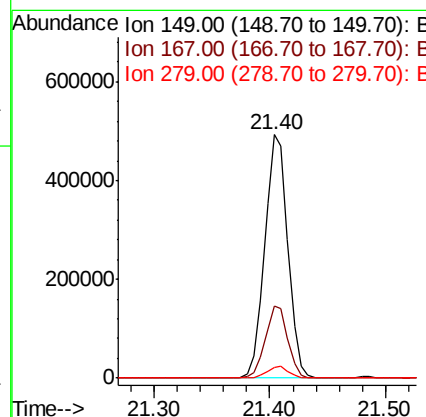
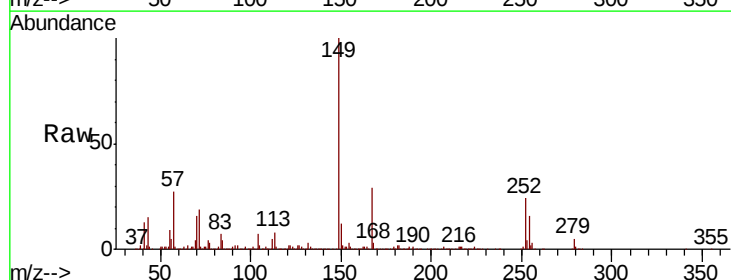
Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.1	39.1
229	21.9	17.2	25.8

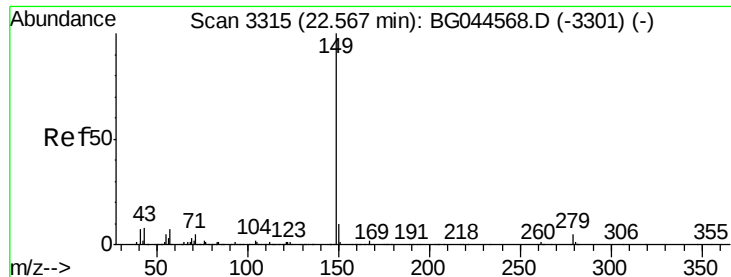


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.679 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044588.D
 Acq: 25 Feb 2020 22:34

Tgt Ion:149 Resp: 686841

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.0
279	4.6	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 41.936 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

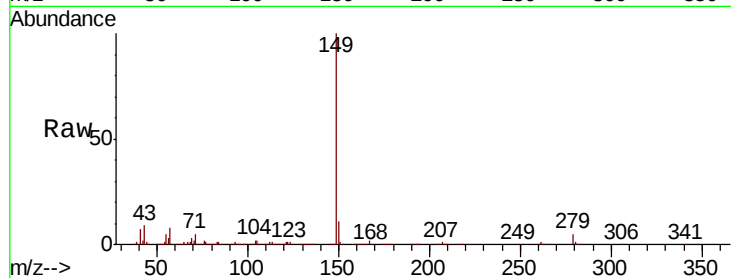
Tot Ion:149 Resp: 1187399

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

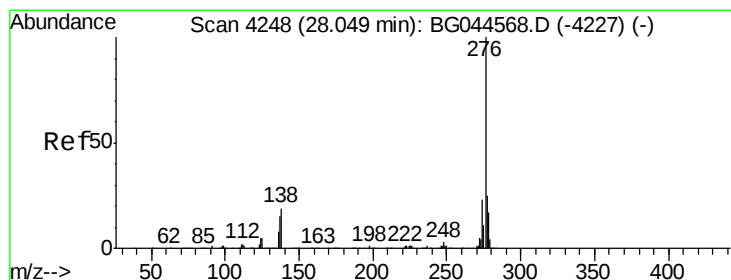
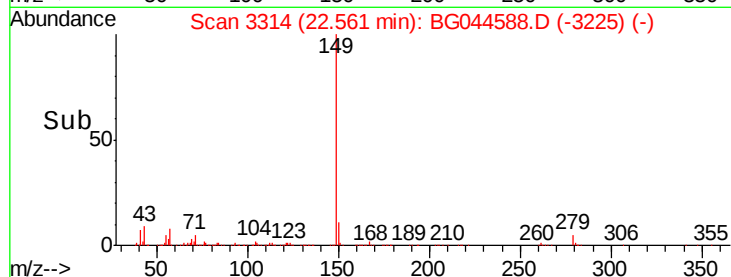
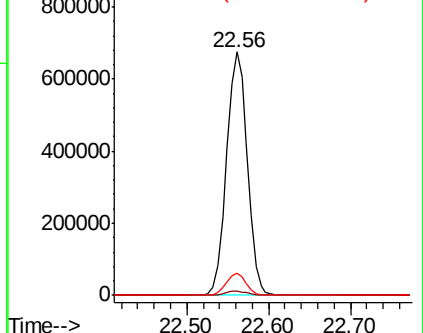
43 8.9 6.6 10.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.102 ng

RT: 28.05 min Scan# 4248

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

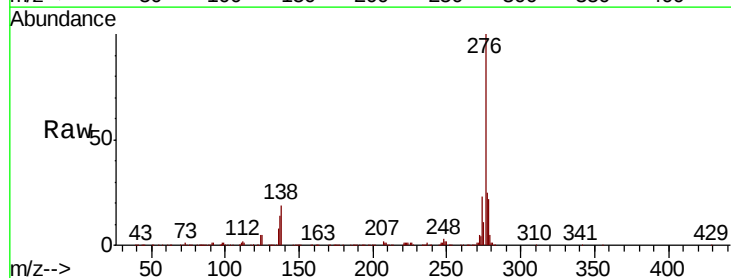
Tgt Ion:276 Resp: 1318471

Ion Ratio Lower Upper

276 100

138 23.1 18.2 27.4

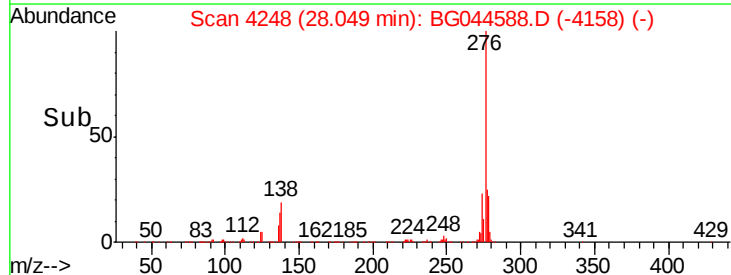
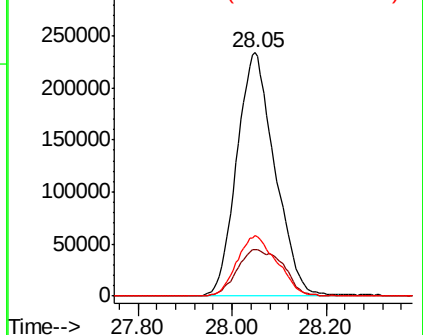
277 26.0 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Instrument :

BNA_G

ClientSampleId :

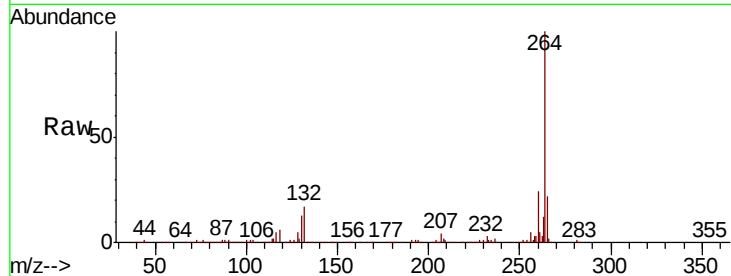
Tot Ion:264 Resp: 418987

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.1 17.8 26.8

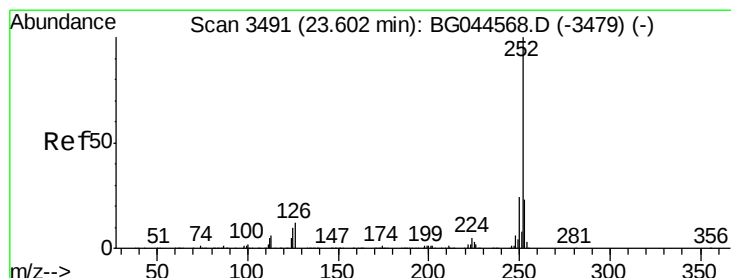
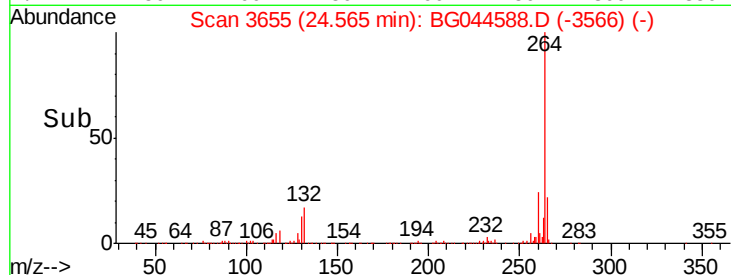
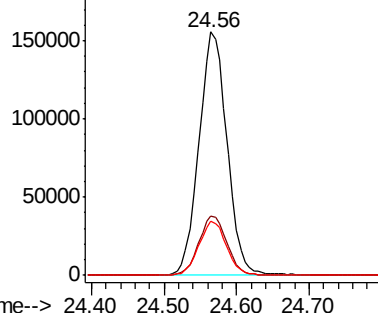


Abundance

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: 42.136 ng

RT: 23.60 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

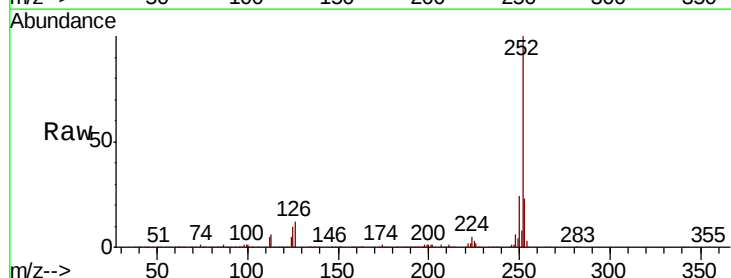
Tgt Ion:252 Resp: 1160741

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 10.3 7.9 11.9

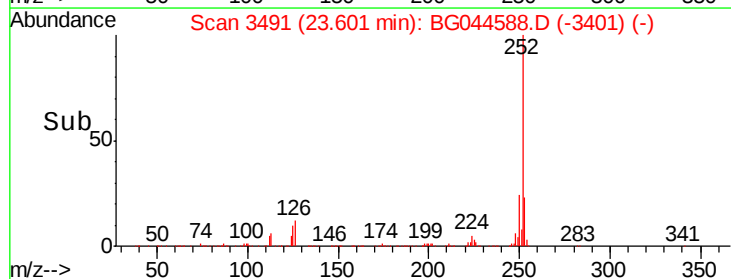
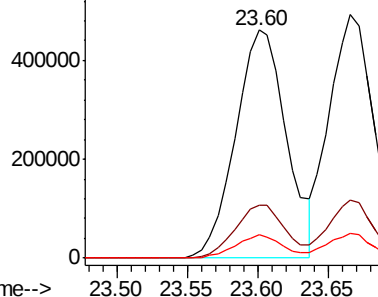


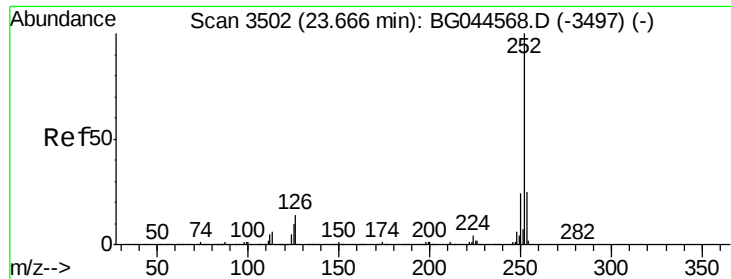
Abundance

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

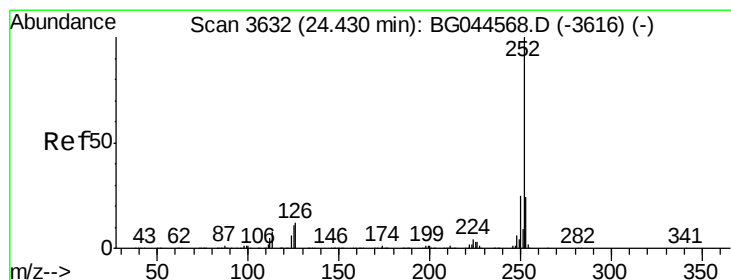
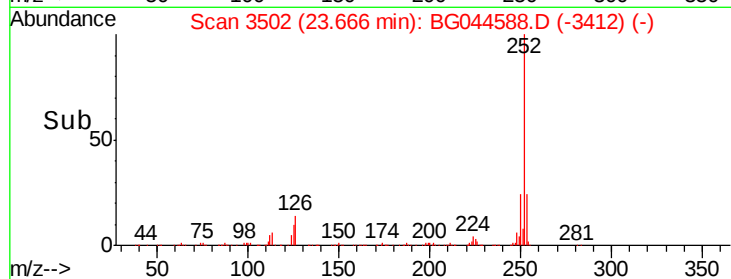
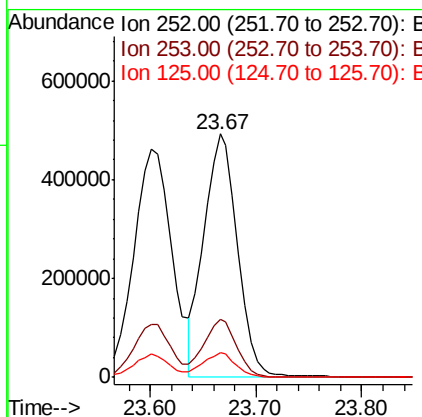
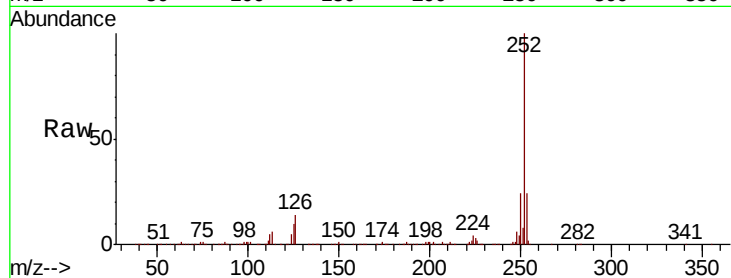




#89
Benzo(k)fluoranthene
Concen: 40.492 ng
RT: 23.67 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

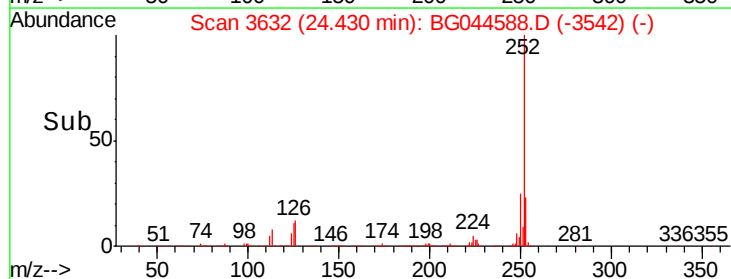
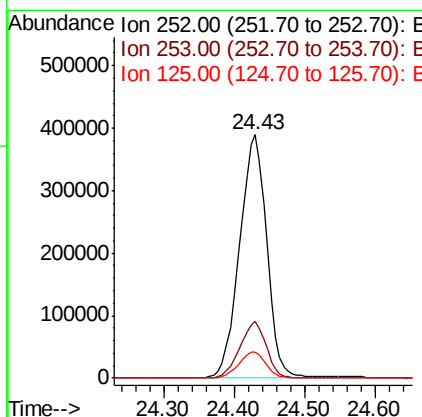
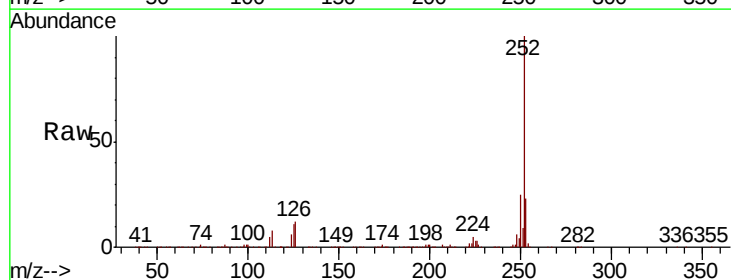
Instrument :
BNA_G
ClientSampleId :

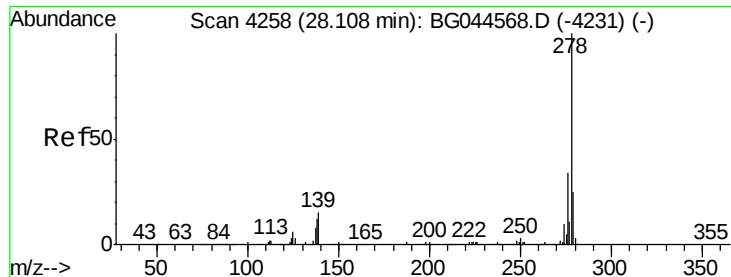
Tot Ion:252 Resp: 1082314
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 9.9 7.8 11.8



#90
Benzo(a)pyrene
Concen: 40.326 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044588.D
Acq: 25 Feb 2020 22:34

Tgt Ion:252 Resp: 1043728
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.4
125 10.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 42.627 ng

RT: 28.10 min Scan# 4257

Delta R.T. -0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

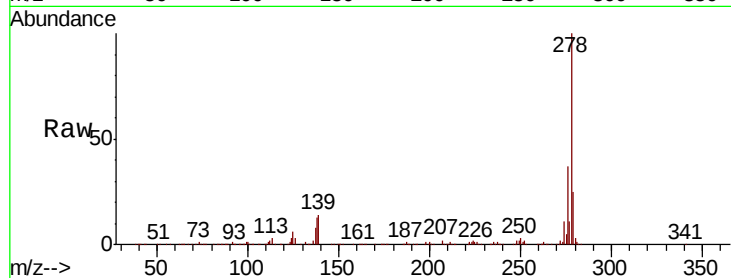
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1091148

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.7	19.8	29.6

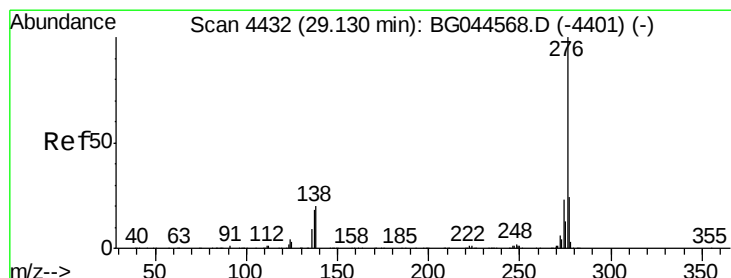
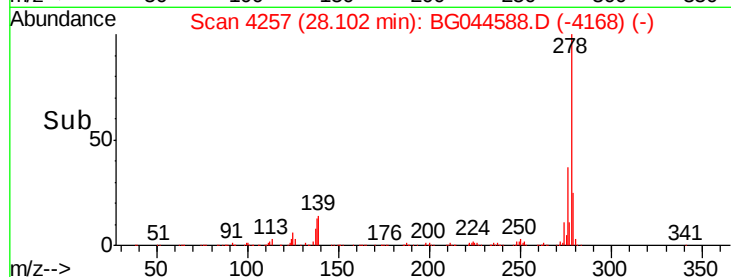
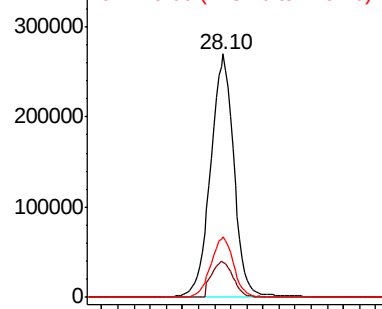


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.279 ng

RT: 29.14 min Scan# 4433

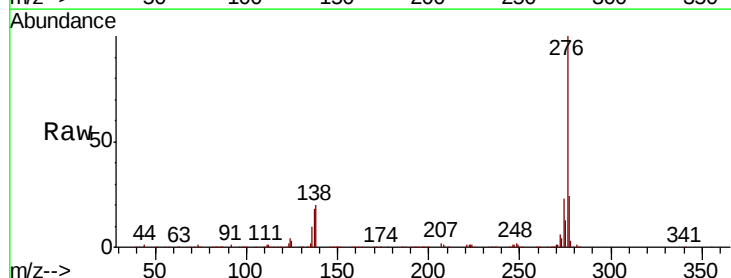
Delta R.T. 0.01 min

Lab File: BG044588.D

Acq: 25 Feb 2020 22:34

Tgt Ion:276 Resp: 1109950

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	20.2	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

