

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044572.D
 Acq On : 24 Feb 2020 15:10
 Operator : CG/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 15:46:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66179	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	252913	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	159644	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	347769	20.00	ng	0.00
76) Chrysene-d12	21.51	240	317325	20.00	ng	0.00
87) Perylene-d12	24.57	264	363578	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	750118	200.04	ng	0.00
7) Phenol-d6	7.06	99	1017859	202.14	ng	0.00
23) Nitrobenzene-d5	9.04	82	947394	211.48	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	451492	240.91	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1958277	205.41	ng	0.00
79) Terphenyl-d14	19.89	244	2641418	171.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	163400	96.985	ng	99
3) Pyridine	3.73	79	429224	95.624	ng	98
4) n-Nitrosodimethylamine	3.65	42	181361	96.691	ng	# 100
6) Aniline	7.20	93	634952	101.586	ng	97
8) 2-Chlorophenol	7.44	128	410420	99.588	ng	98
9) Benzaldehyde	7.01	77	223763	78.024	ng	99
10) Phenol	7.08	94	497783	99.887	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	419916	98.560	ng	96
12) 1,3-Dichlorobenzene	7.76	146	486435	98.858	ng	98
13) 1,4-Dichlorobenzene	7.91	146	489554	100.453	ng	99
14) 1,2-Dichlorobenzene	8.23	146	457962	99.418	ng	97
15) Benzyl Alcohol	8.12	79	365873	102.629	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	569431	98.748	ng	98
17) 2-Methylphenol	8.33	107	360720	101.451	ng	98
18) Hexachloroethane	8.96	117	181753	99.384	ng	96
19) n-Nitroso-di-n-propylamine	8.69	70	325853	97.098	ng	99
20) 3+4-Methylphenols	8.66	107	494400	100.895	ng	96
22) Acetophenone	8.70	105	601760	97.806	ng	# 98
24) Nitrobenzene	9.08	77	461777	105.587	ng	98
25) Isophorone	9.61	82	885824	106.090	ng	99
26) 2-Nitrophenol	9.79	139	259862	114.512	ng	96
27) 2,4-Dimethylphenol	9.86	122	354923	110.797	ng	97
28) bis(2-Chloroethoxy)methane	10.09	93	576645	103.525	ng	98
29) 2,4-Dichlorophenol	10.33	162	428500	110.626	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	487275	109.712	ng	100
31) Naphthalene	10.73	128	1287933	104.961	ng	96
32) Benzoic acid	10.08	122	255715	149.656	ng	97
33) 4-Chloroaniline	10.83	127	589451	105.623	ng	96
34) Hexachlorobutadiene	11.02	225	310582	113.644	ng	98
35) Caprolactam	11.64	113	158617	111.789	ng	98
36) 4-Chloro-3-methylphenol	11.98	107	433636	106.778	ng	97
37) 2-Methylnaphthalene	12.34	142	956143	104.948	ng	99
38) 1-Methylnaphthalene	12.56	142	897472	104.486	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	525200	109.979	ng	99

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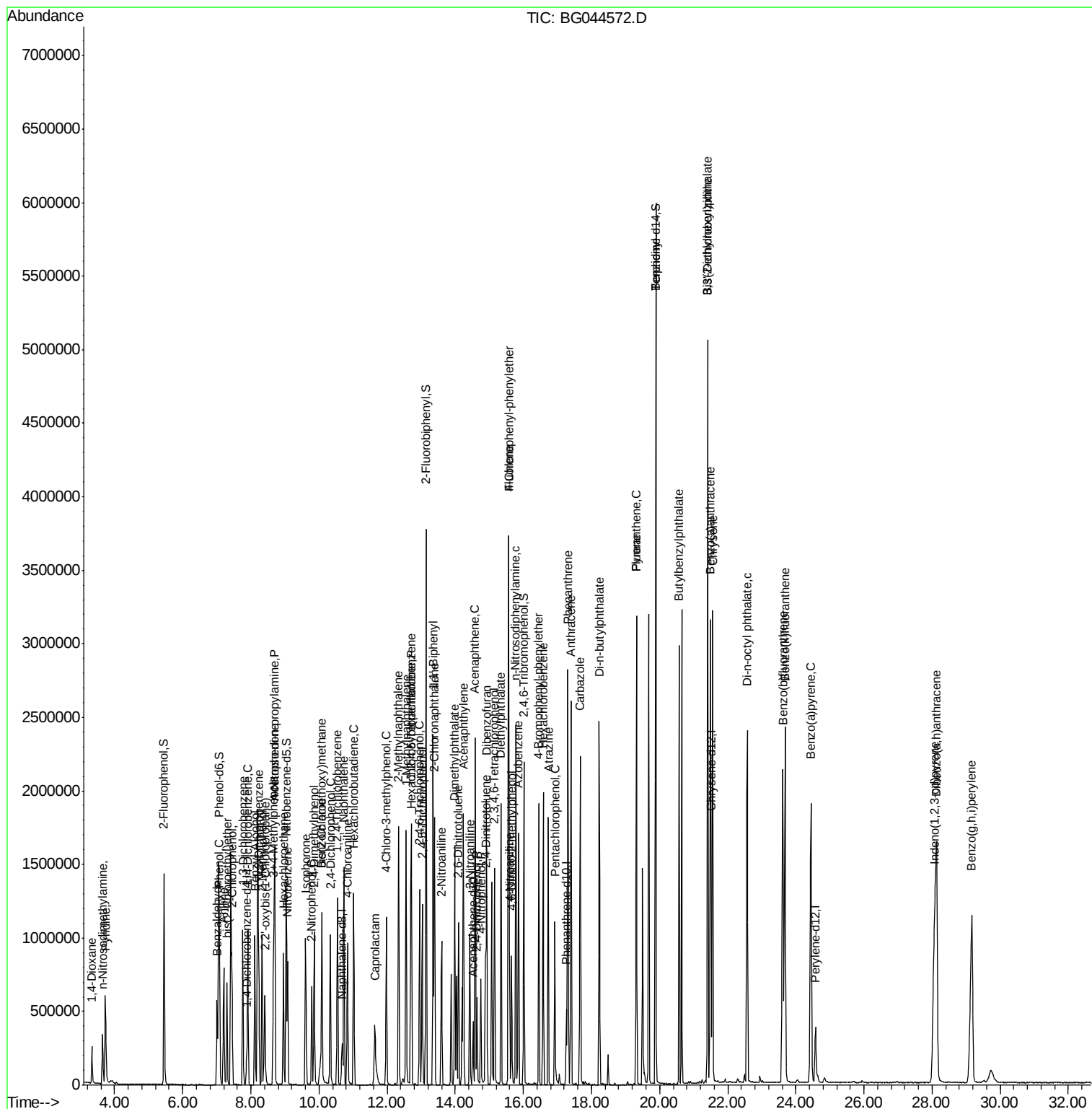
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	263831	115.139	ng	97
43) 2,4,6-Trichlorophenol	12.95	196	356390	115.458	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	364502	115.612	ng	97
46) 1,1'-Biphenyl	13.35	154	1228293	106.666	ng	93
47) 2-Chloronaphthalene	13.39	162	980420	106.994	ng	97
48) 2-Nitroaniline	13.60	65	289109	106.908	ng	98
49) Acenaphthylene	14.24	152	1413235	105.151	ng	96
50) Dimethylphthalate	13.98	163	1197778	104.375	ng	98
51) 2,6-Dinitrotoluene	14.09	165	278879	108.993	ng	96
52) Acenaphthene	14.59	154	924942	106.175	ng	98
53) 3-Nitroaniline	14.43	138	304728	107.647	ng	97
54) 2,4-Dinitrophenol	14.64	184	175443	138.114	ng	97
55) Dibenzofuran	14.92	168	1354986	102.732	ng	95
56) 4-Nitrophenol	14.75	139	231880	111.826	ng	98
57) 2,4-Dinitrotoluene	14.89	165	394496	110.004	ng	98
58) Fluorene	15.57	166	1084027	104.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	337264	118.429	ng	99
60) Diethylphthalate	15.34	149	1176146	102.858	ng	96
61) 4-Chlorophenyl-phenylether	15.56	204	605477	107.492	ng	99
62) 4-Nitroaniline	15.60	138	306835	108.475	ng	98
63) Azobenzene	15.86	77	1017701	101.550	ng	96
65) 4,6-Dinitro-2-methylphenol	15.66	198	233717	121.748	ng	99
66) n-Nitrosodiphenylamine	15.78	169	1015203	104.166	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	425493	112.300	ng	99
68) Hexachlorobenzene	16.58	284	471884	111.167	ng	97
69) Atrazine	16.73	200	368241	110.236	ng	99
70) Pentachlorophenol	16.92	266	243243	123.658	ng	98
71) Phenanthrene	17.31	178	1715254	101.855	ng	94
72) Anthracene	17.40	178	1702031	102.229	ng	93
73) Carbazole	17.67	167	1576006	102.681	ng	96
74) Di-n-butylphthalate	18.23	149	1890321	99.662	ng	# 94
75) Fluoranthene	19.32	202	1996023	102.460	ng	94
77) Benzidine	19.89	184	51297	5.828	ng	96
78) Pyrene	19.32	202	1996023	97.946	ng	93
80) Butylbenzylphthalate	20.57	149	942047	101.439	ng	95
81) Benzo(a)anthracene	21.49	228	2014355	102.999	ng	92
82) 3,3'-Dichlorobenzidine	21.41	252	807416	106.375	ng	96
83) Chrysene	21.55	228	1921957	101.671	ng	92
84) Bis(2-ethylhexyl)phthalate	21.41	149	1235851	96.683	ng	95
85) Di-n-octyl phthalate	22.57	149	2204780	99.689	ng	97
86) Indeno(1,2,3-cd)pyrene	28.07	276	2750029	111.506	ng	99
88) Benzo(b)fluoranthene	23.62	252	2267370	108.224	ng	96
89) Benzo(k)fluoranthene	23.68	252	2160730	105.818	ng	96
90) Benzo(a)pyrene	24.44	252	2159061	108.996	ng	99
91) Dibenzo(a,h)anthracene	28.13	278	2178526	111.127	ng	97
92) Benzo(g,h,i)perylene	29.17	276	2206614	112.440	ng	98

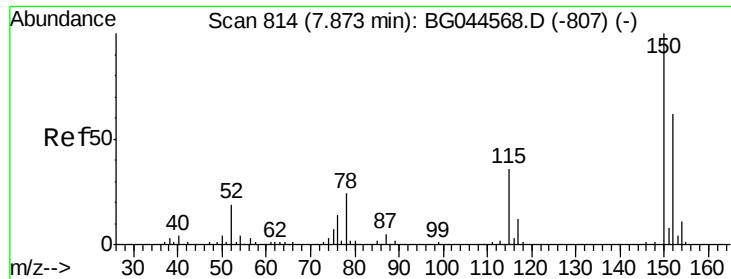
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDICC100  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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Instrument :
BNA_G
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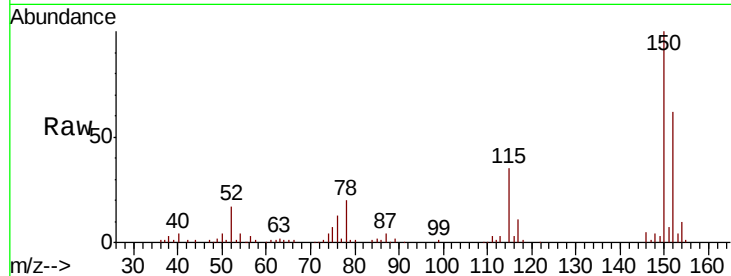


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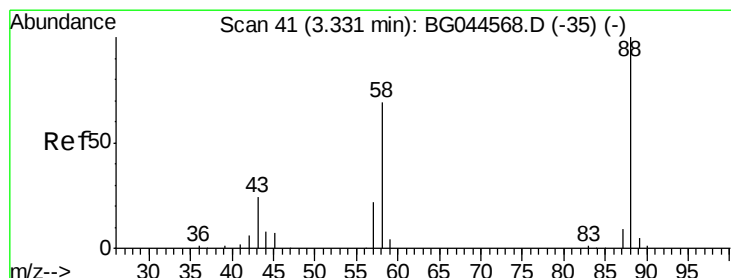
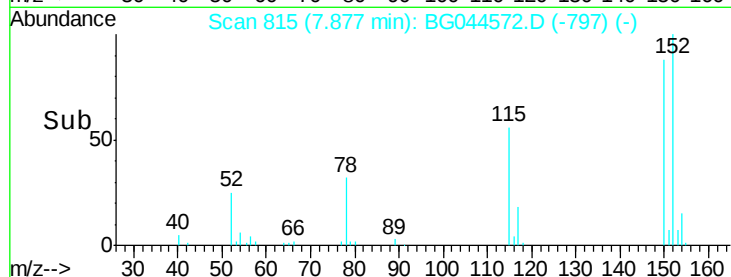
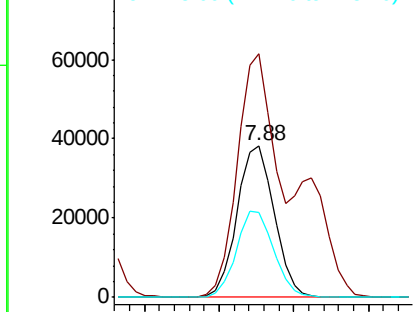
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66179
Ion Ratio Lower Upper
152 100
150 160.1 128.9 193.3
115 55.7 47.0 70.4



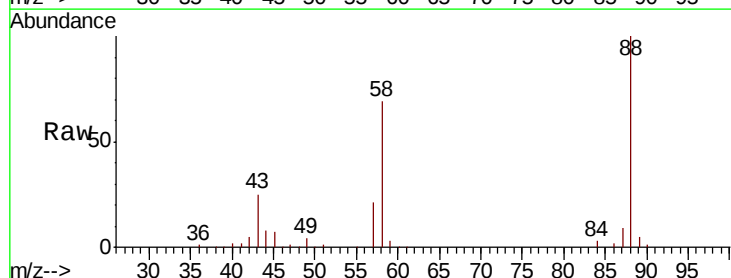
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



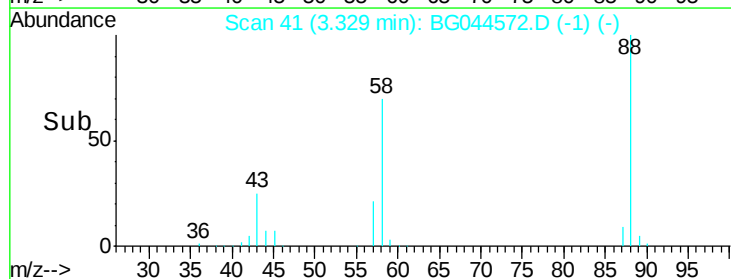
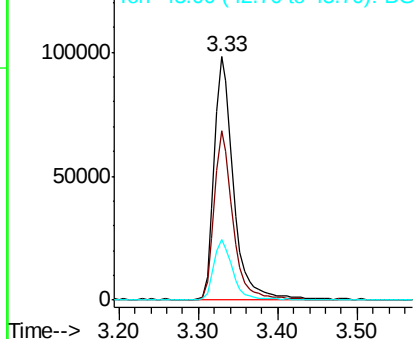
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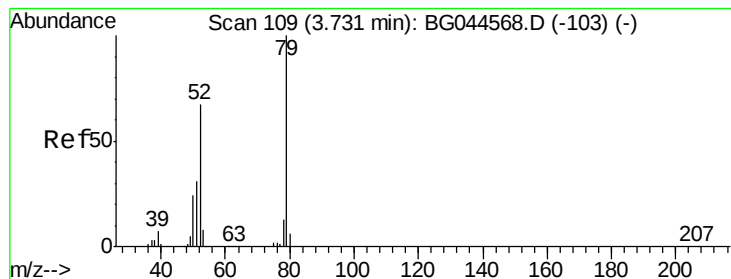
1,4-Dioxane
Concen: 96.985 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion: 88 Resp: 163400
Ion Ratio Lower Upper
88 100
58 68.6 55.8 83.8
43 25.2 20.6 31.0



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





#3

Pvridine

Concen: 95.624 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

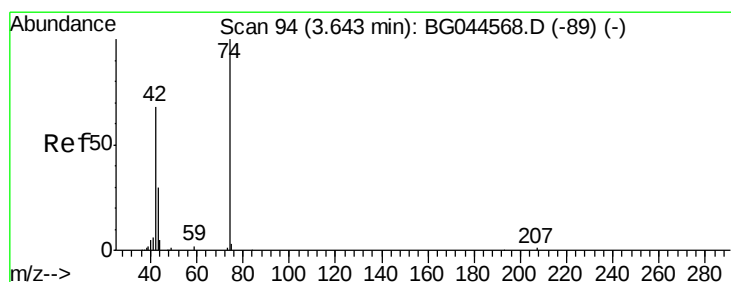
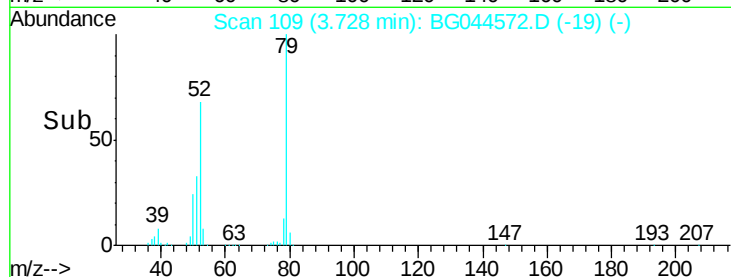
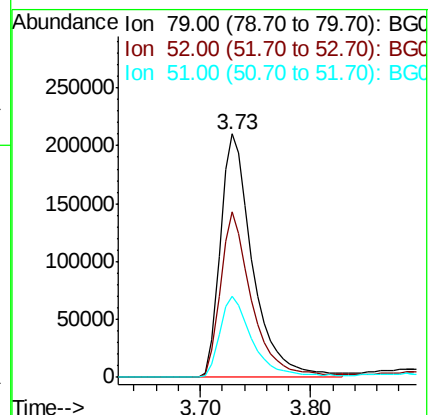
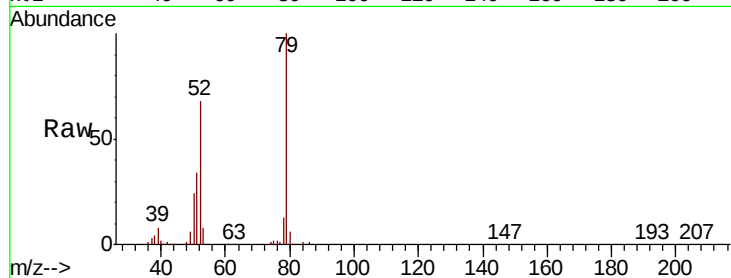
Tot Ion: 79 Resp: 429224

Ion Ratio Lower Upper

79 100

52 68.1 53.7 80.5

51 33.5 25.4 38.0



#4

n-Nitrosodimethylamine

Concen: 96.691 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

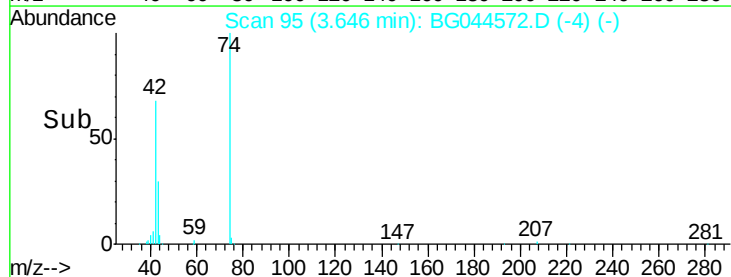
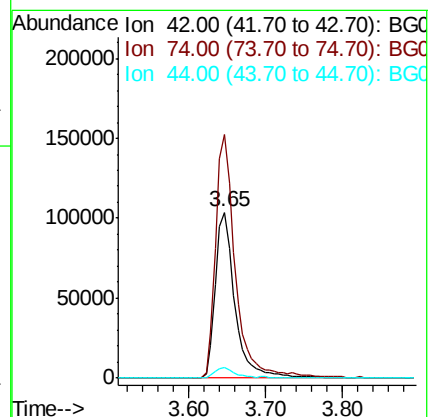
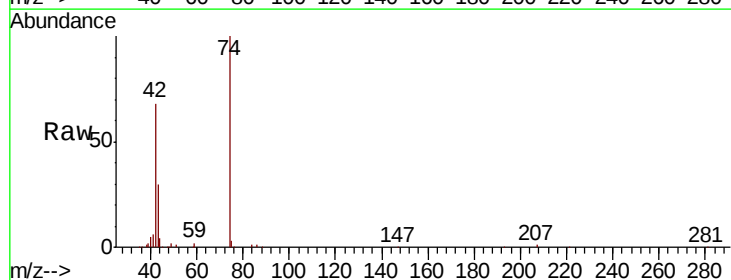
Tgt Ion: 42 Resp: 181361

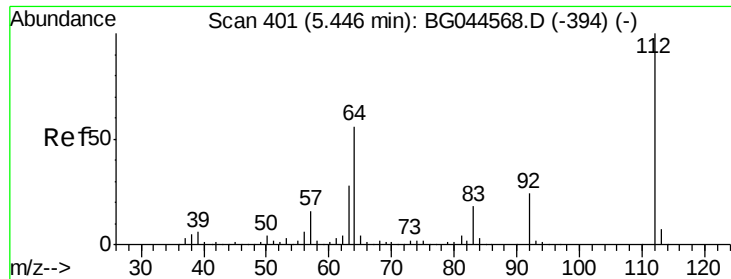
Ion Ratio Lower Upper

42 100

74 146.8 117.6 176.4

44 6.2 6.3 9.5#





#5

2-Fluorophenol

Concen: 200.039 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

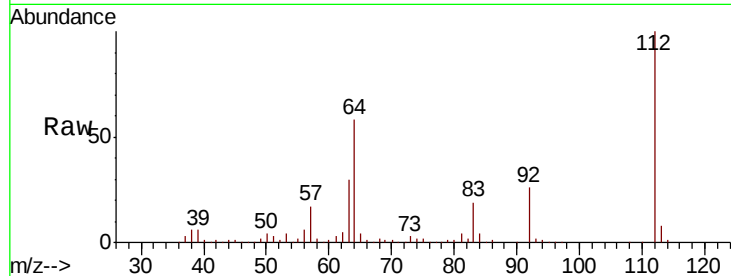
Tot Ion: 112 Resp: 750118

Ion Ratio Lower Upper

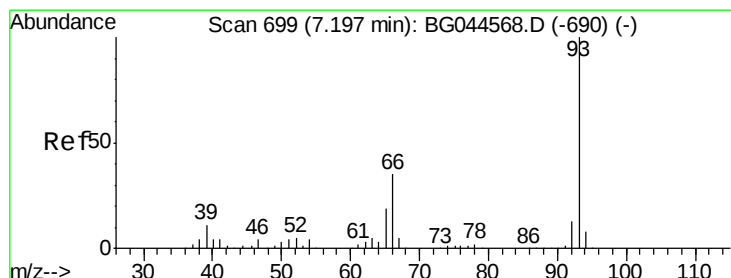
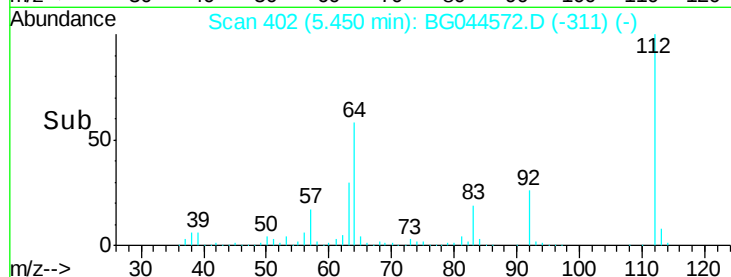
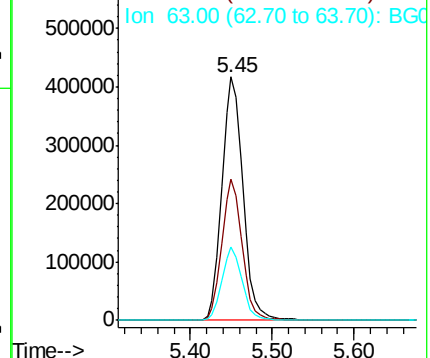
112 100

64 57.9 44.8 67.2

63 30.3 22.3 33.5



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



#6

Aniline

Concen: 101.586 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

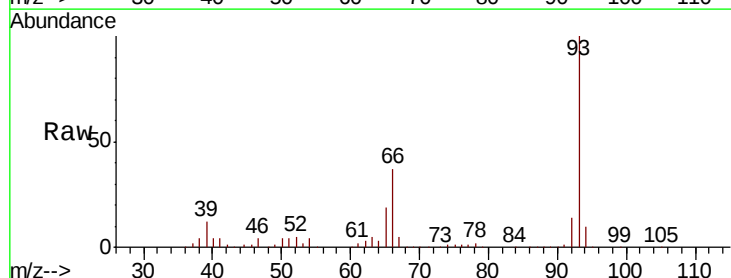
Tgt Ion: 93 Resp: 634952

Ion Ratio Lower Upper

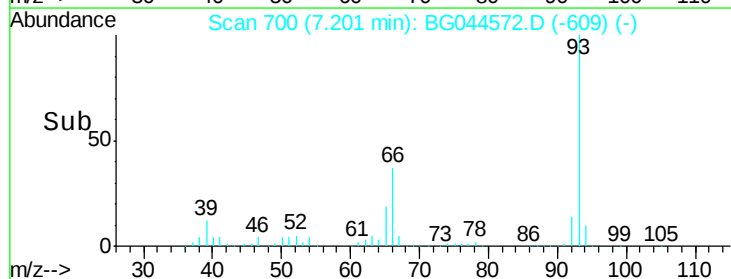
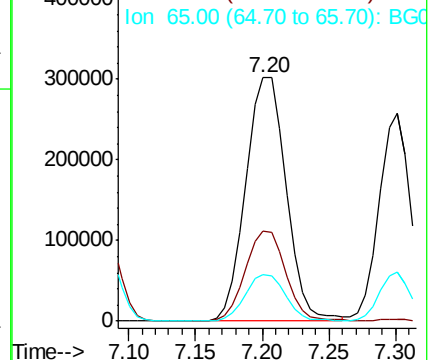
93 100

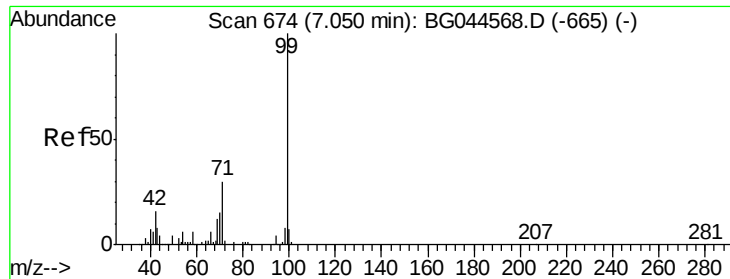
66 37.2 27.8 41.8

65 19.2 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: 202.137 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

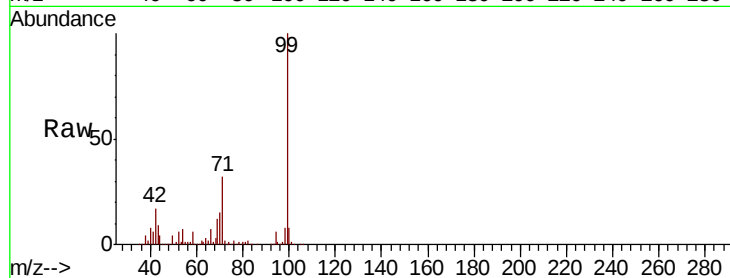
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1017859

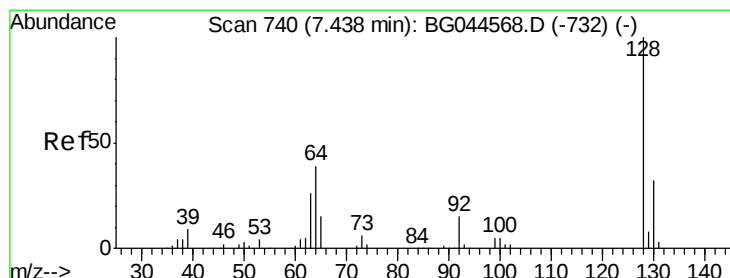
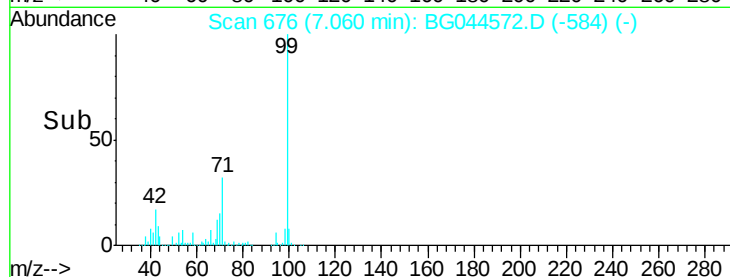
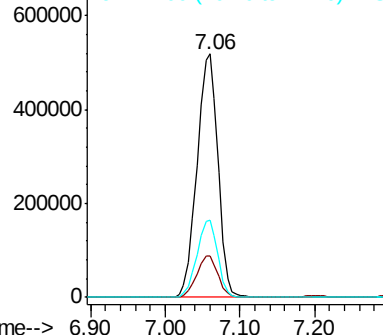
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.8	19.2
71	31.8	24.4	36.6



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: 99.588 ng

RT: 7.44 min Scan# 741

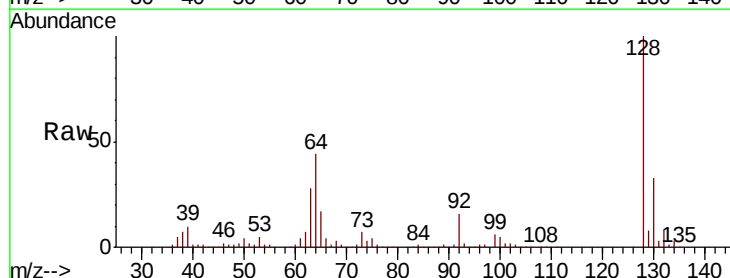
Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Tgt Ion: 128 Resp: 410420

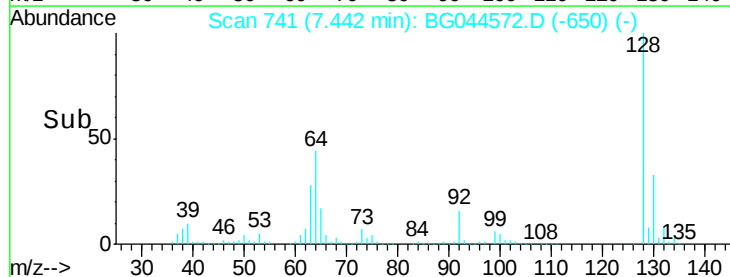
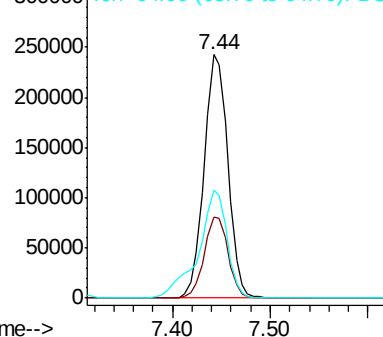
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	44.4	22.5	62.5

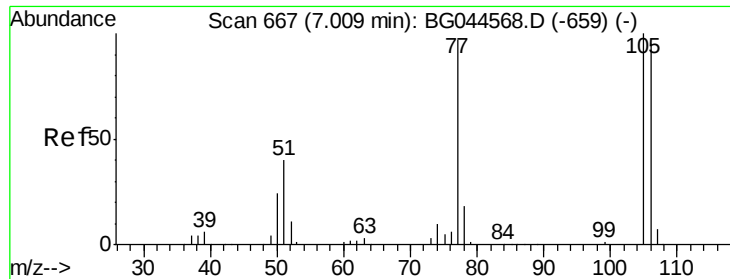


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 78.024 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

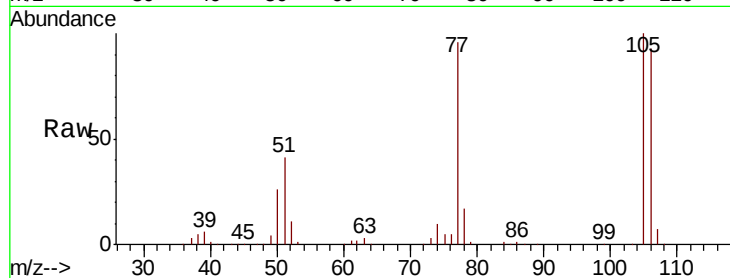
Tot Ion: 77 Resp: 223763

Ion Ratio Lower Upper

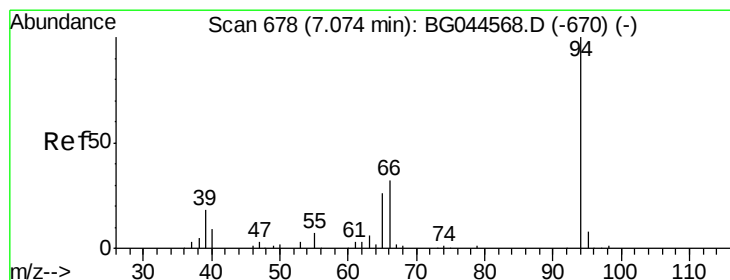
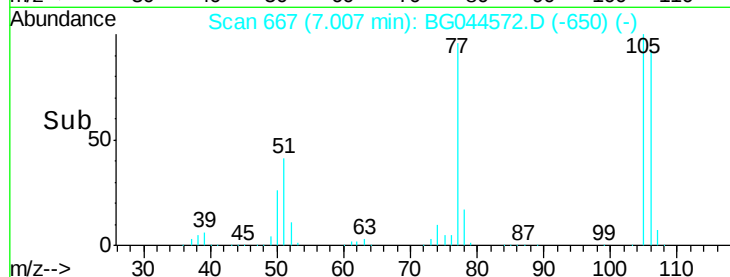
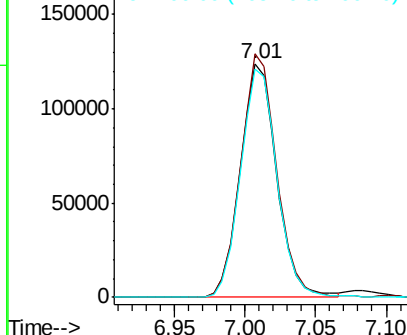
77 100

105 104.2 83.6 123.6

106 97.4 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: 99.887 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

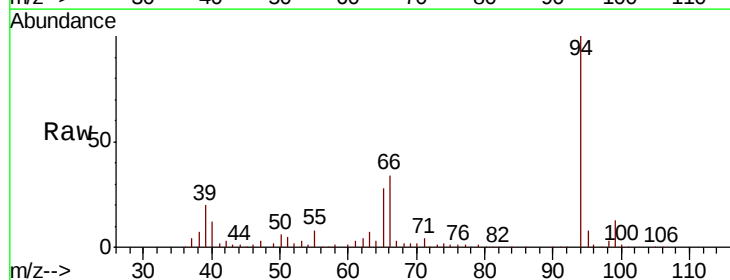
Tgt Ion: 94 Resp: 497783

Ion Ratio Lower Upper

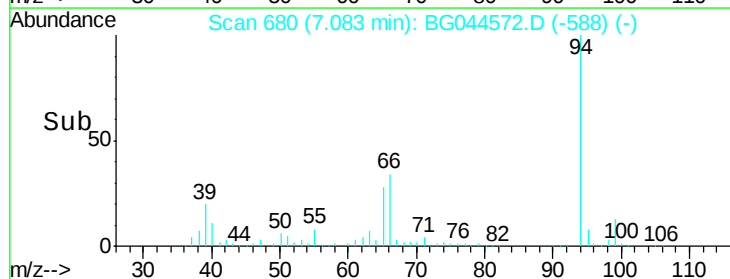
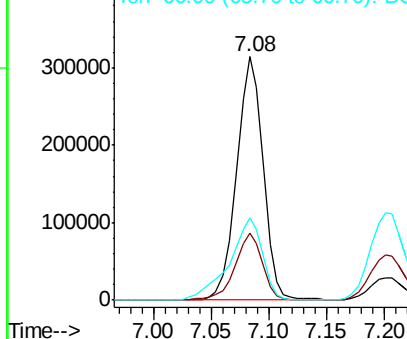
94 100

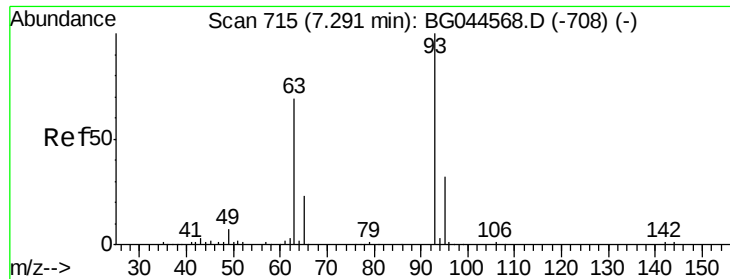
65 27.5 6.4 46.4

66 33.8 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: 98.560 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

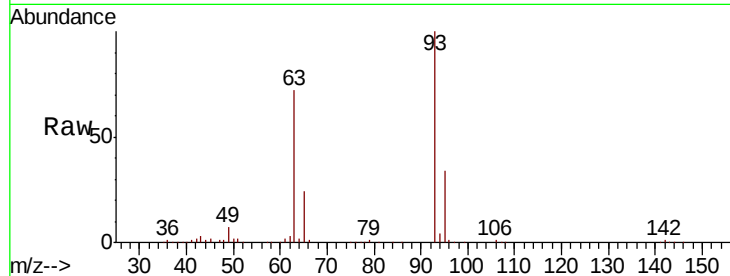
Tot Ion: 93 Resp: 419916

Ion Ratio Lower Upper

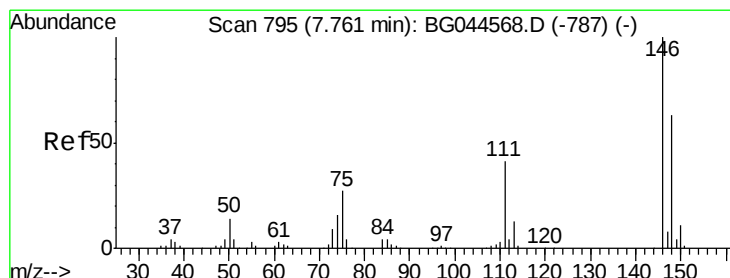
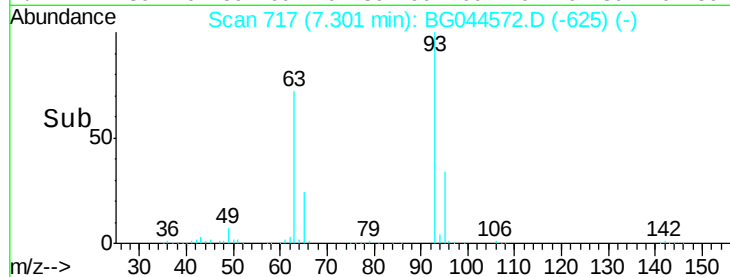
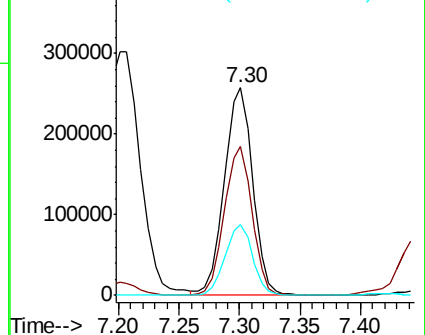
93 100

63 71.5 48.9 88.9

95 34.0 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 98.858 ng

RT: 7.76 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

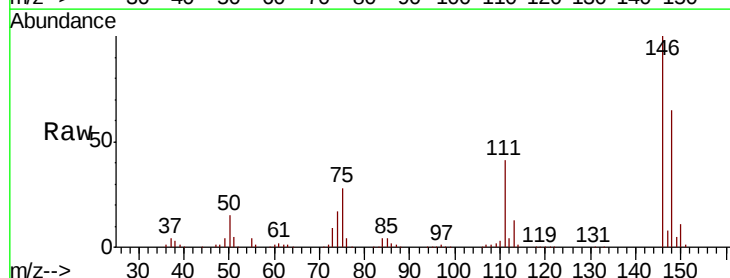
Tgt Ion: 146 Resp: 486435

Ion Ratio Lower Upper

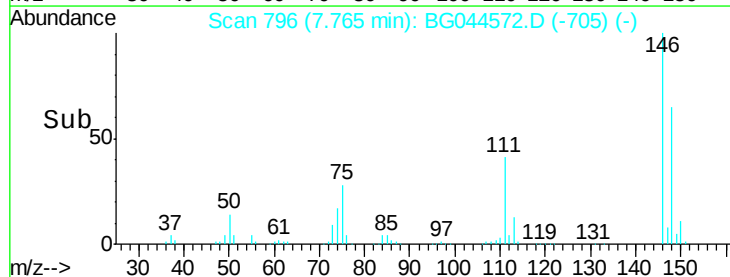
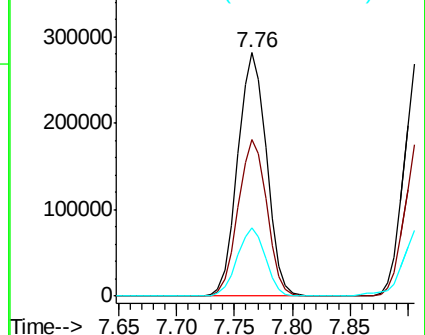
146 100

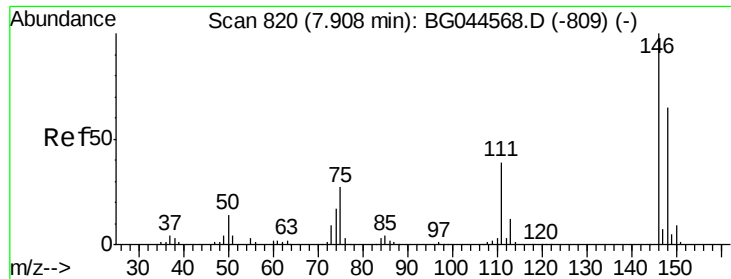
148 64.6 50.6 75.8

75 27.9 21.4 32.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

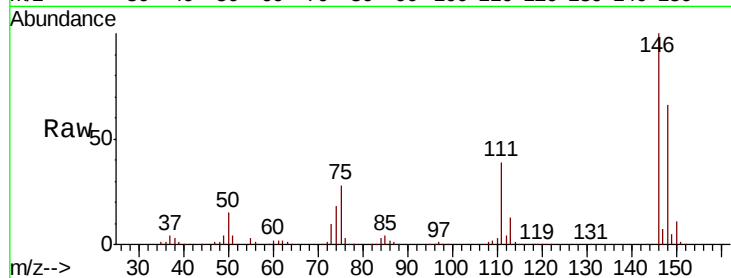




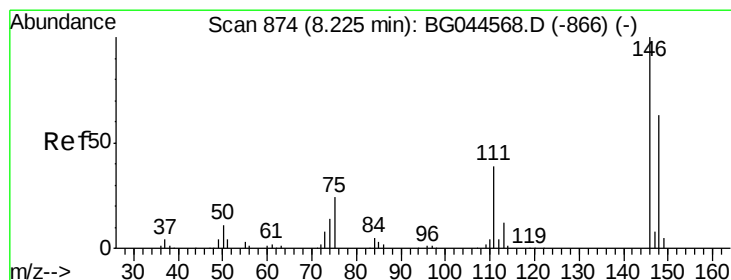
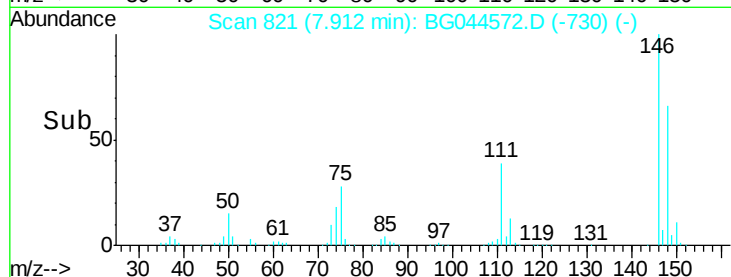
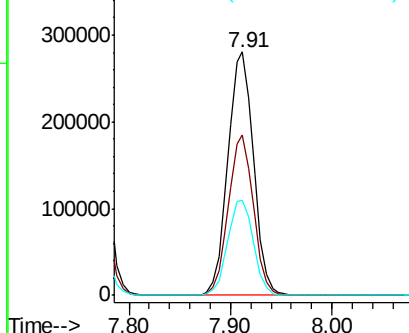
#13
 1,4-Dichlorobenzene
 Concen: 100.453 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 489554
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 39.2 30.8 46.2

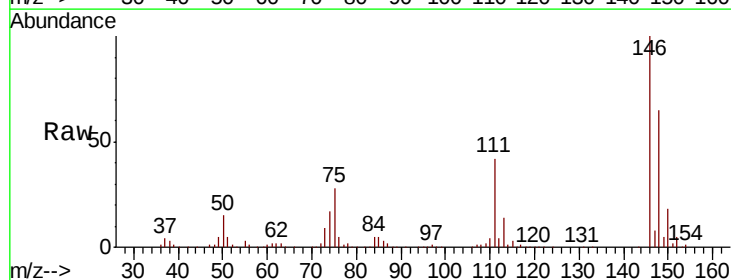


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

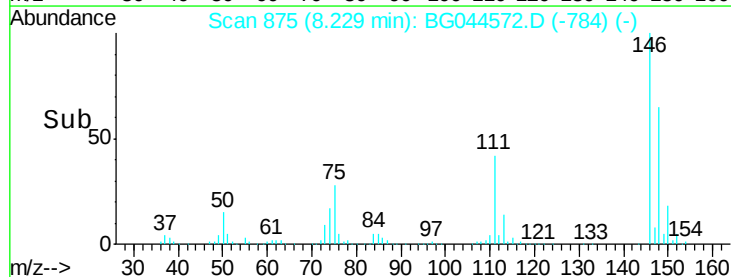
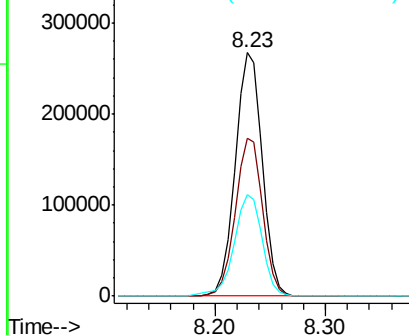


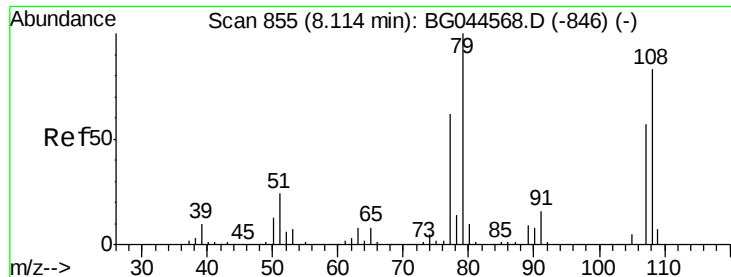
#14
 1,2-Dichlorobenzene
 Concen: 99.418 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:146 Resp: 457962
 Ion Ratio Lower Upper
 146 100
 148 65.1 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: 102.629 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

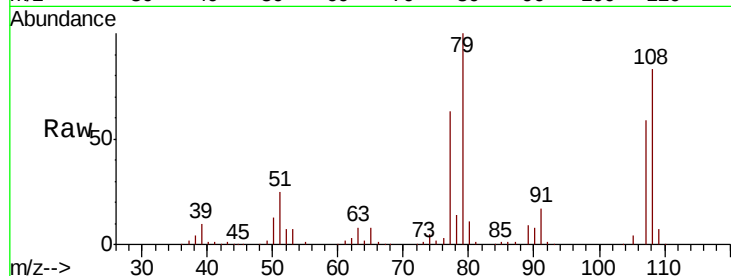
Tot Ion: 79 Resp: 365873

Ion Ratio Lower Upper

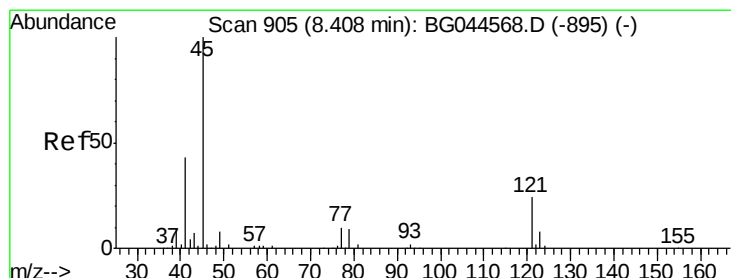
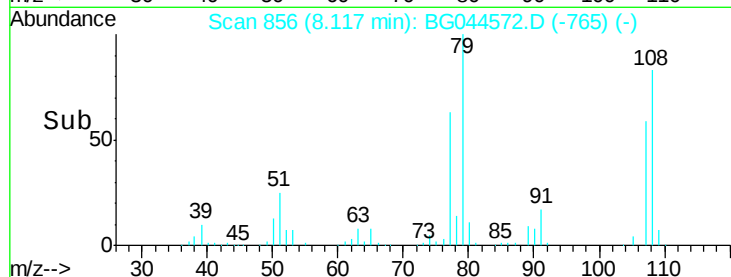
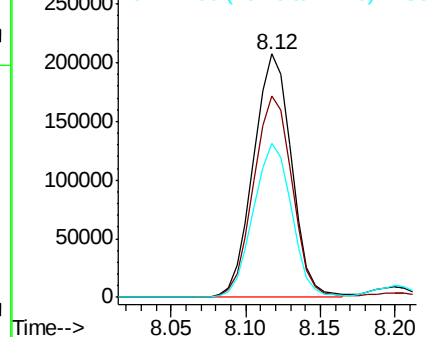
79 100

108 82.9 66.0 99.0

77 63.4 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 98.748 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

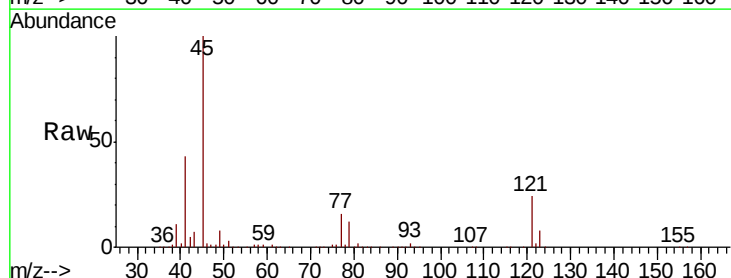
Tgt Ion: 45 Resp: 569431

Ion Ratio Lower Upper

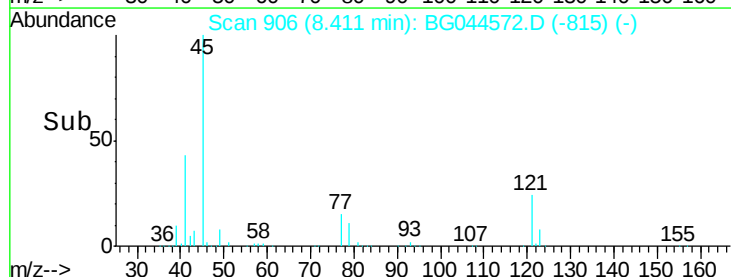
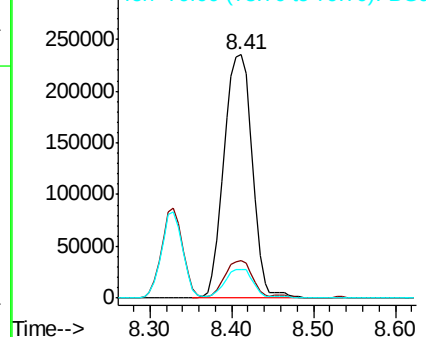
45 100

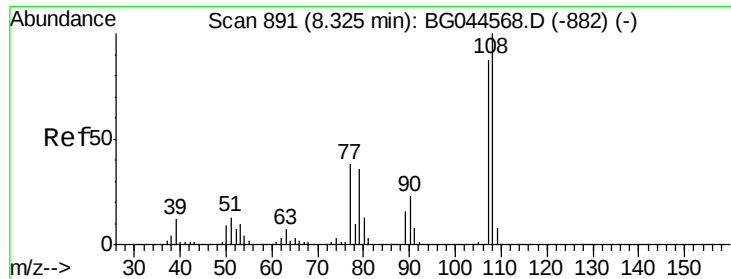
77 15.6 0.0 34.4

79 11.6 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

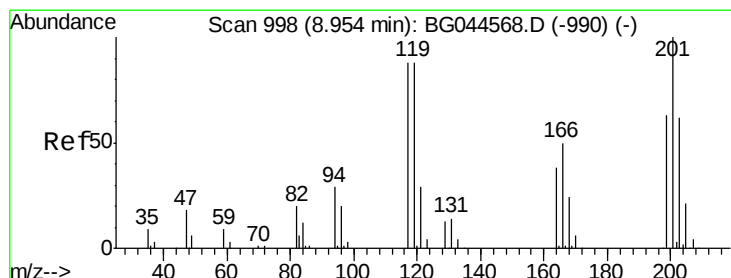
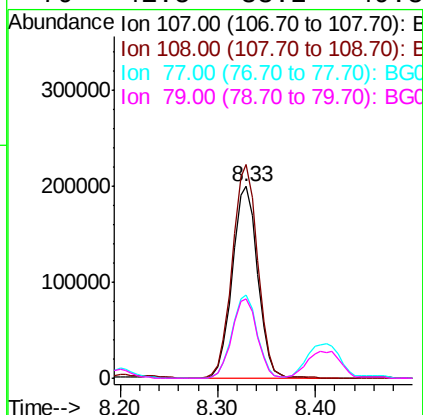
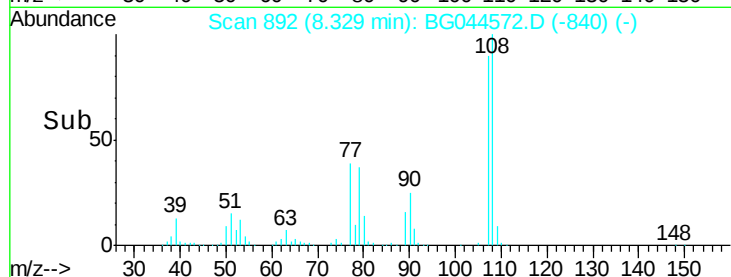
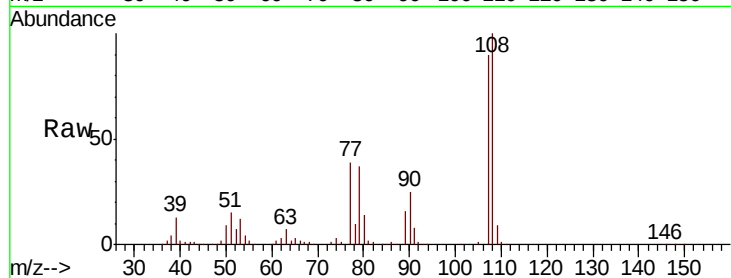




#17
2-Methylphenol
Concen: 101.451 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

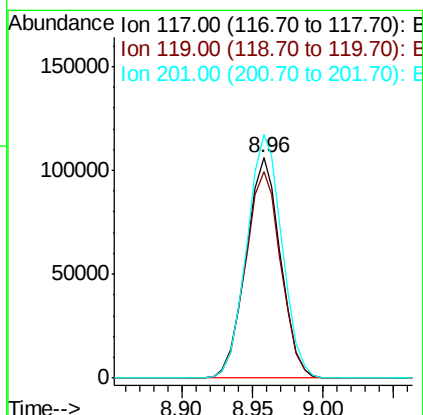
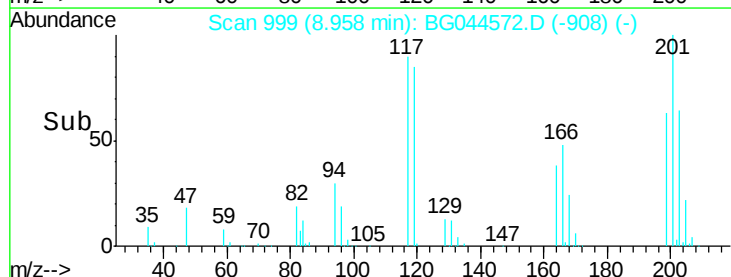
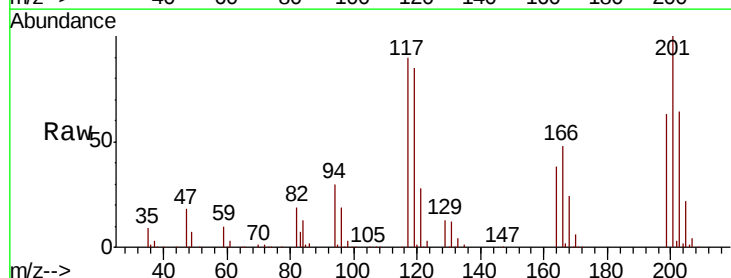
Instrument :
BNA_G
ClientSampleId :

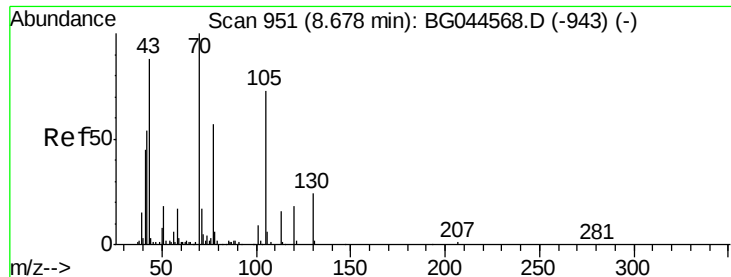
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	43.6	35.1	52.7
79	41.5	33.2	49.8



#18
Hexachloroethane
Concen: 99.384 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	80.0	120.0
201	110.6	90.5	135.7

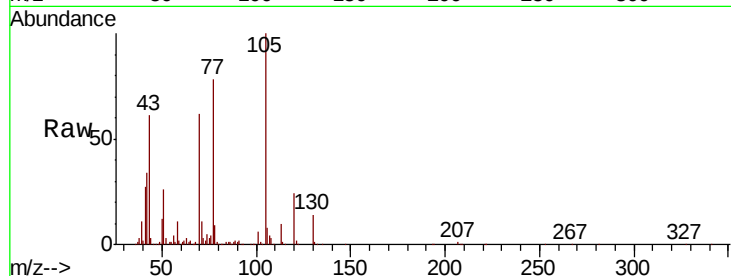




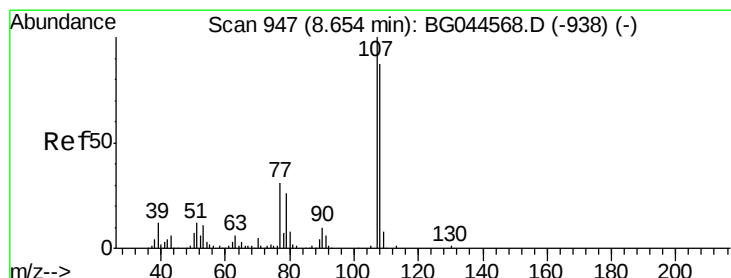
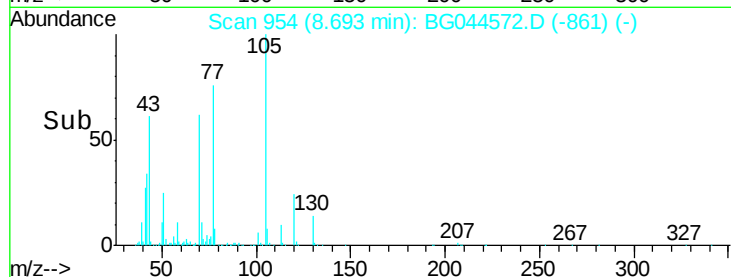
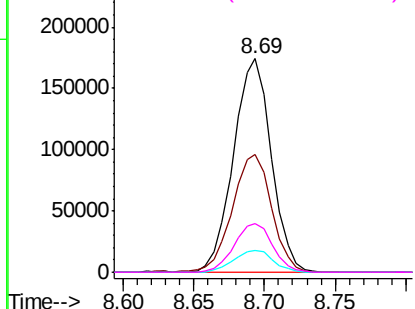
#19
n-Nitroso-di-n-propylamine
Concen: 97.098 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.02 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	325853
Ion	Ratio	Lower	Upper
70	100		
42	55.3	43.4	65.0
101	10.2	7.5	11.3
130	23.1	18.9	28.3

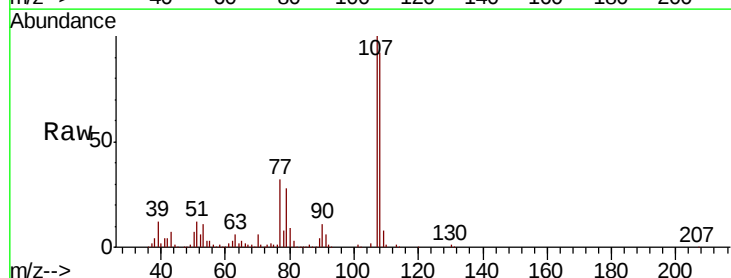


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

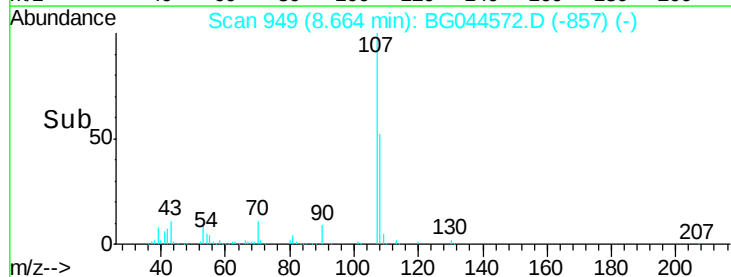
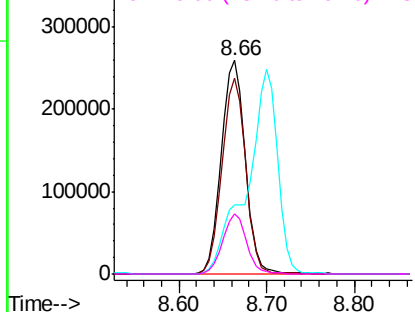


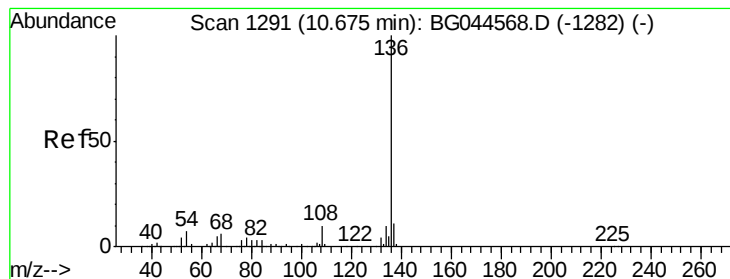
#20
3+4-Methylphenols
Concen: 100.895 ng
RT: 8.66 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:	107	Resp:	494400
Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.5	107.5
77	32.5	11.3	51.3
79	28.1	6.4	46.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 252913

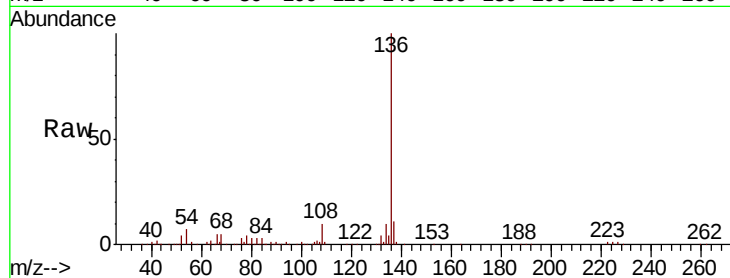
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.1 5.7 8.5

68 5.2 4.5 6.7

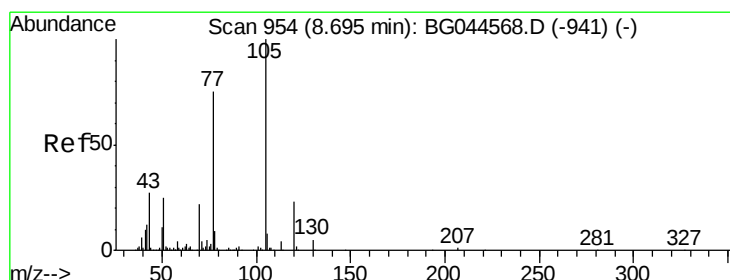
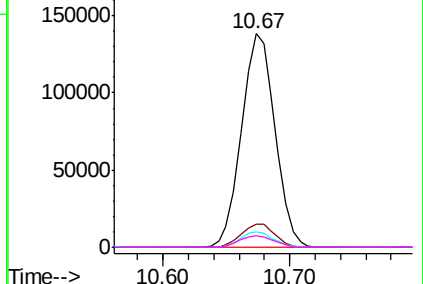
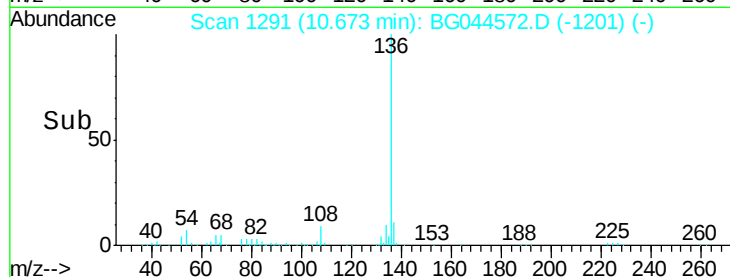


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.806 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Tgt Ion:105 Resp: 601760

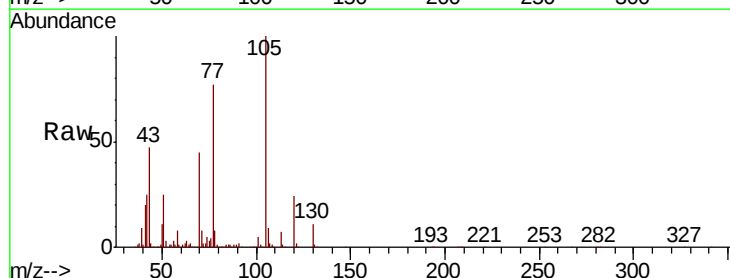
Ion Ratio Lower Upper

105 100

71 7.8 2.8 4.2#

51 24.7 19.9 29.9

120 24.3 18.6 28.0

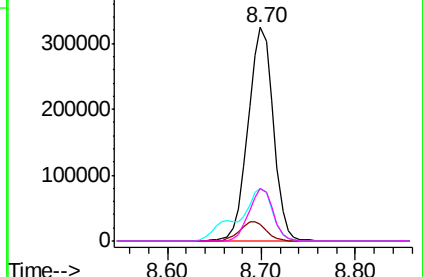
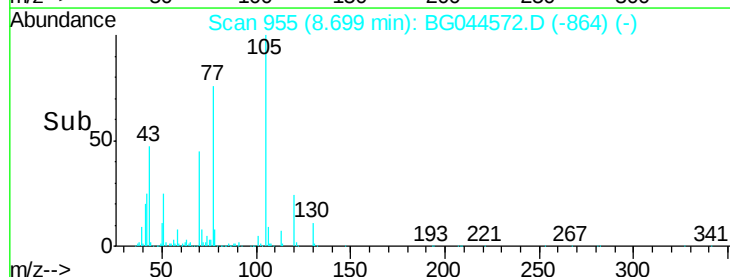


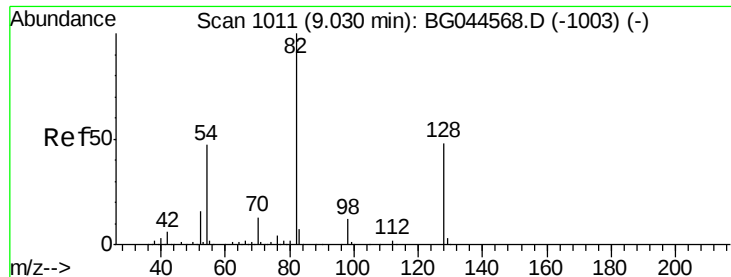
Abundance Ion 105.00 (104.70 to 105.70): E

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

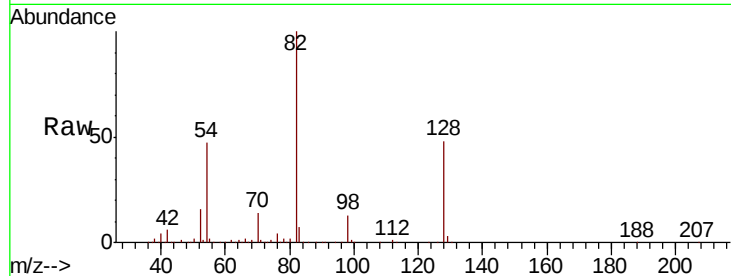




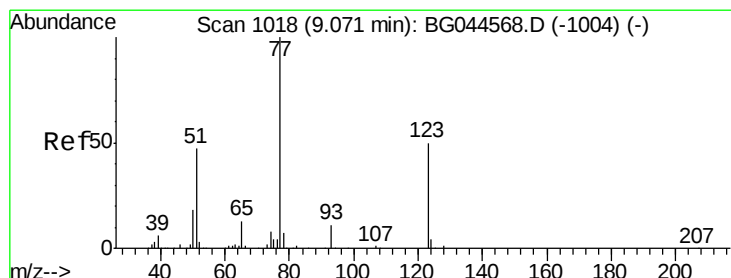
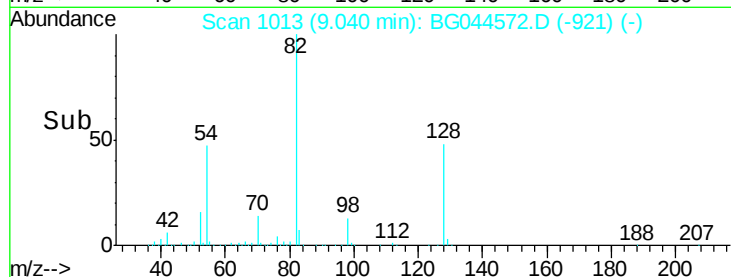
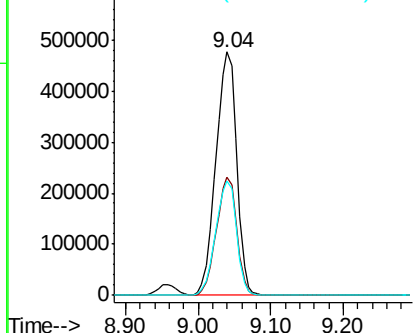
#23
Nitrobenzene-d5
Concen: 211.481 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 947394
Ion Ratio Lower Upper
82 100
128 48.4 38.1 57.1
54 47.2 37.5 56.3

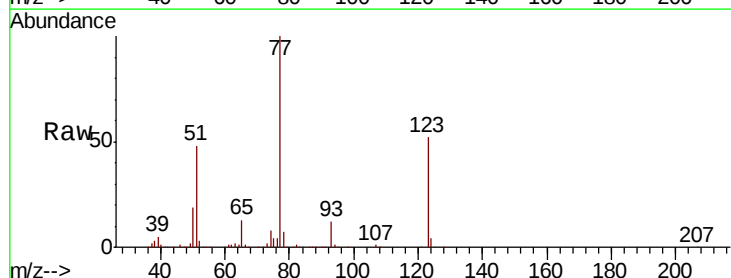


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

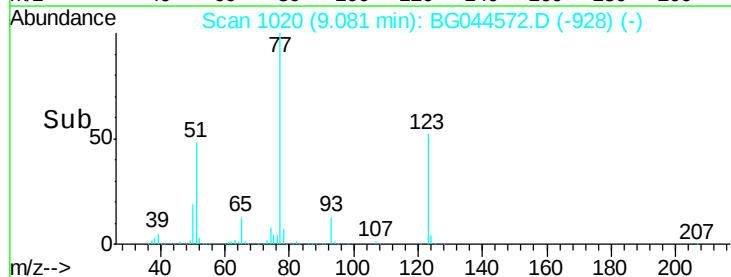
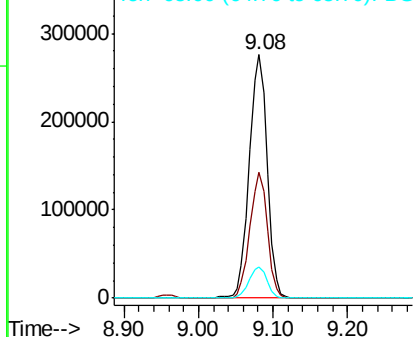


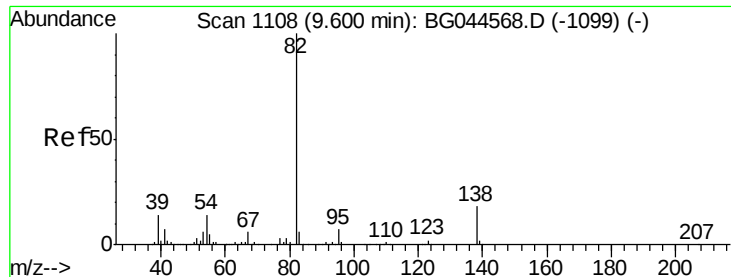
#24
Nitrobenzene
Concen: 105.587 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion: 77 Resp: 461777
Ion Ratio Lower Upper
77 100
123 51.6 40.1 60.1
65 12.8 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 106.090 ng

RT: 9.61 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

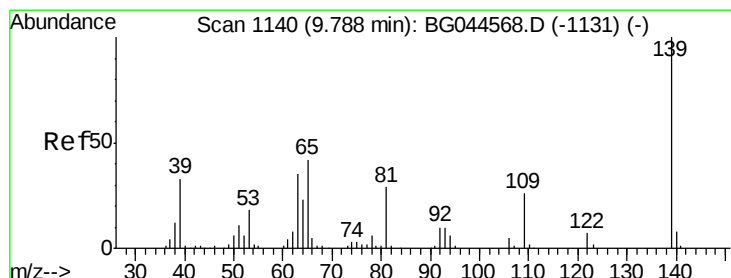
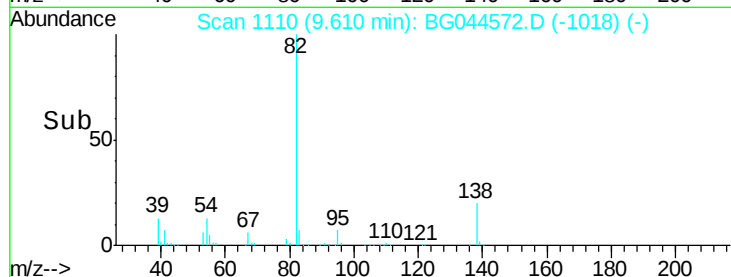
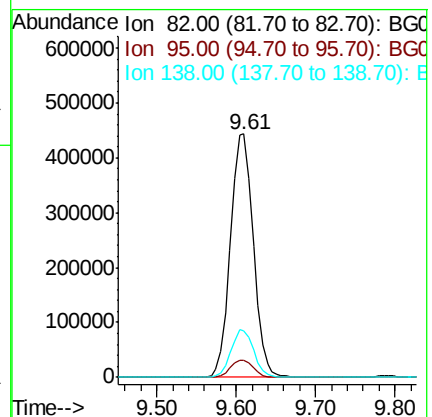
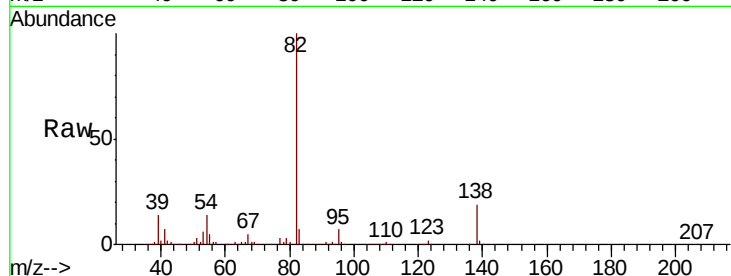
Tot Ion: 82 Resp: 885824

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 19.2 14.7 22.1



#26

2-Nitrophenol

Concen: 114.512 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

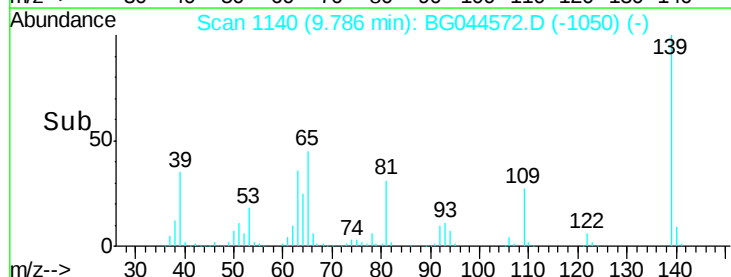
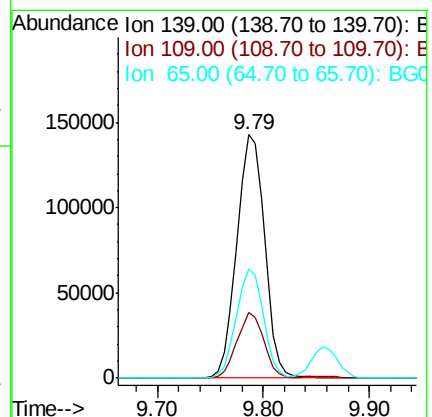
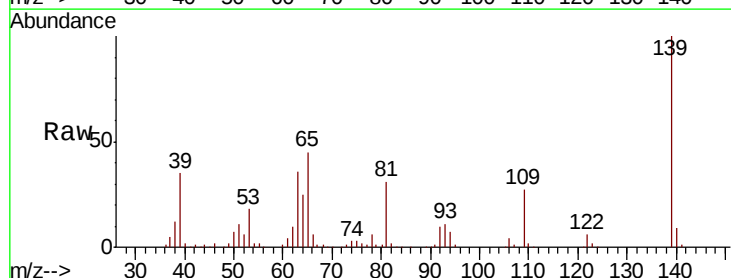
Tgt Ion: 139 Resp: 259862

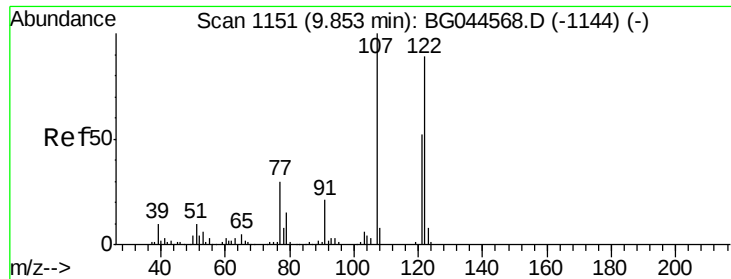
Ion Ratio Lower Upper

139 100

109 27.2 20.6 31.0

65 44.7 33.3 49.9

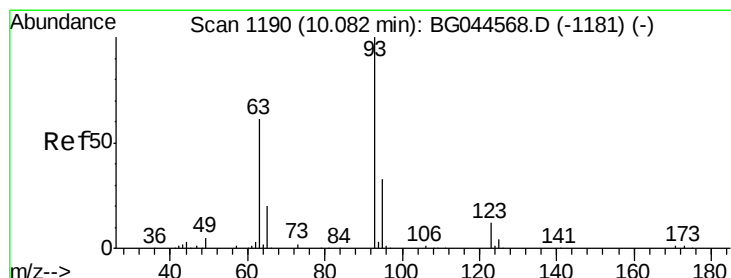
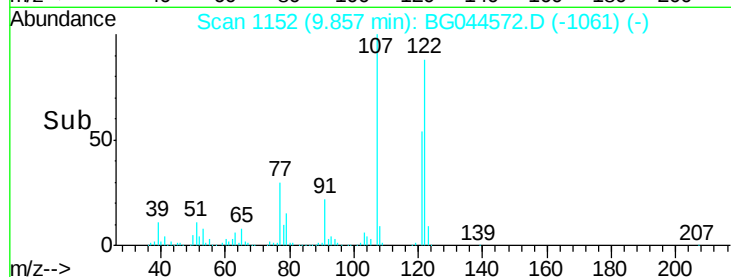
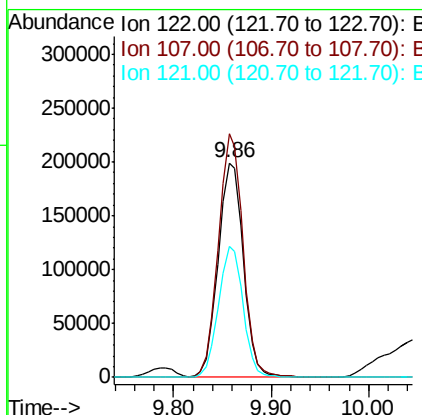
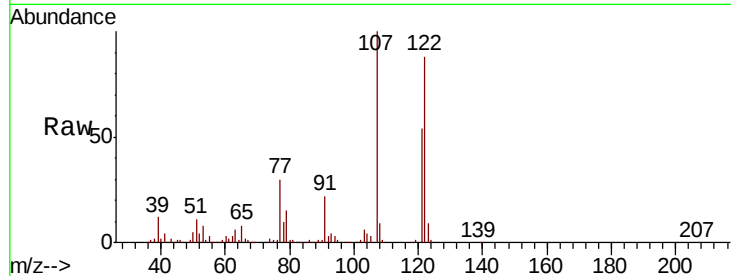




#27
 2,4-Dimethylphenol
 Concen: 110.797 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

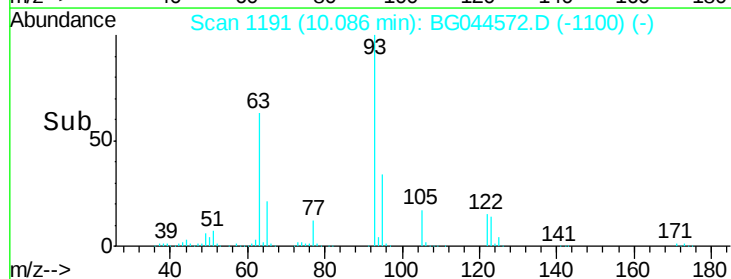
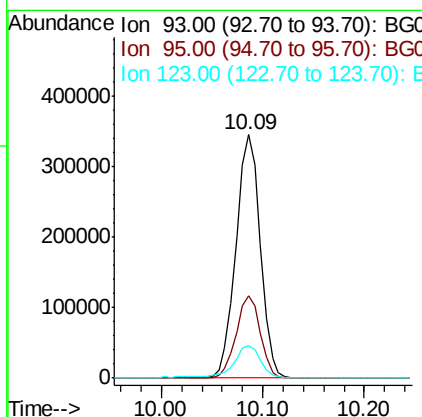
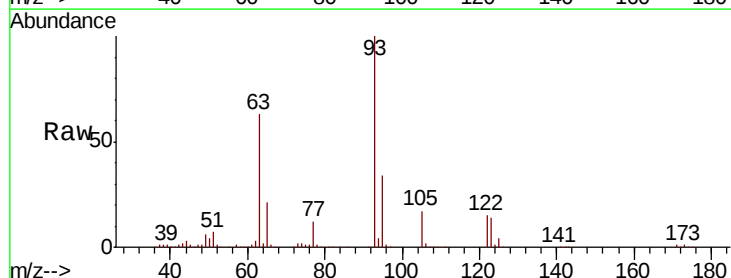
Instrument :
 BNA_G
 ClientSampleId :

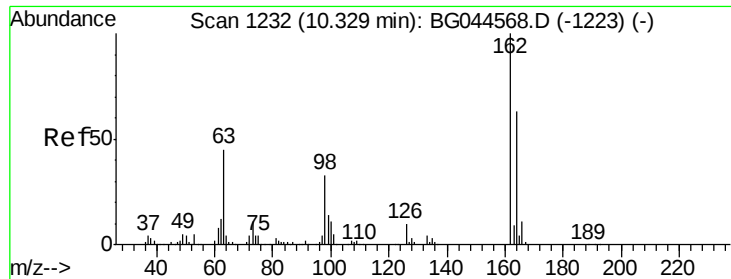
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	89.4	134.0
121	61.3	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 103.525 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.5	39.7
123	13.5	9.7	14.5

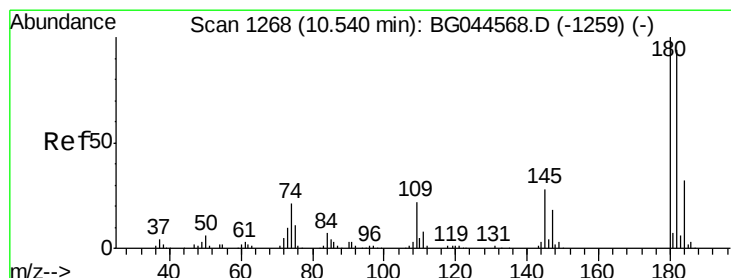
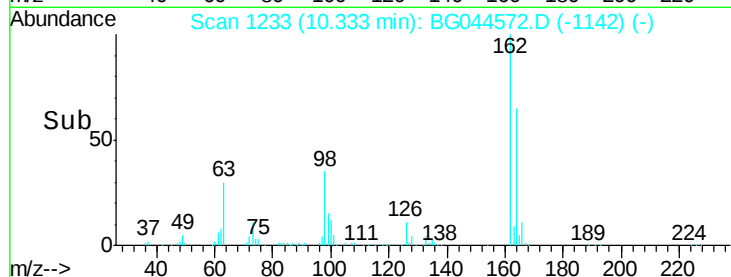
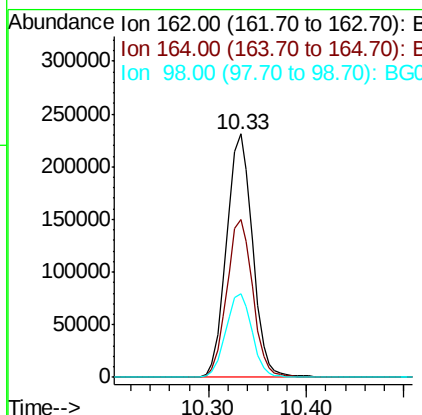
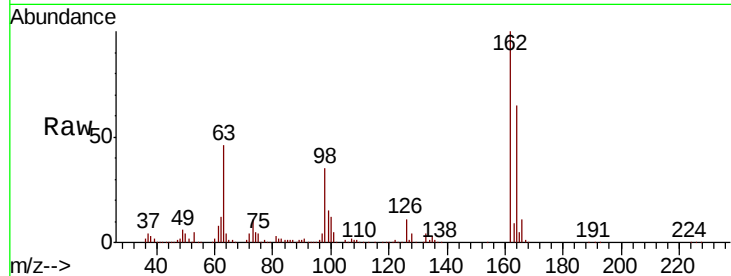




#29
 2,4-Dichlorophenol
 Concen: 110.626 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

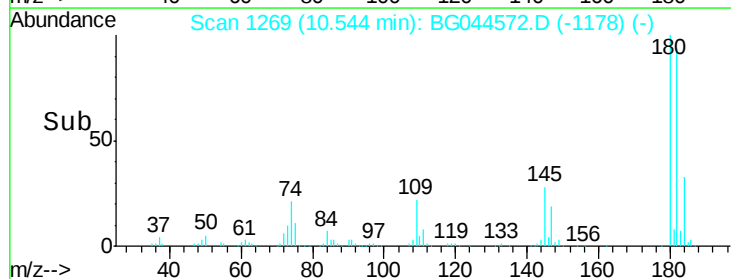
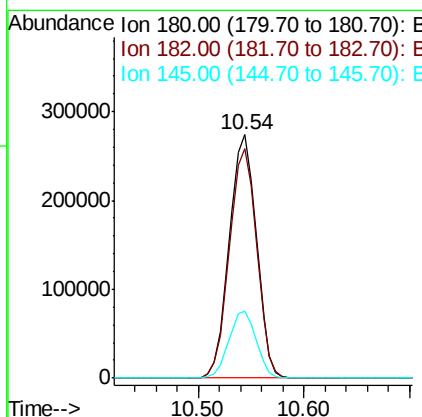
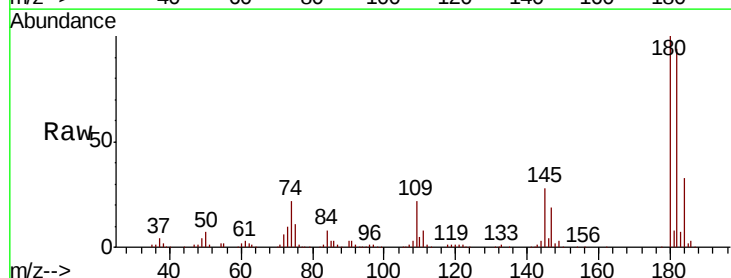
Instrument :
 BNA_G
 ClientSampleId :

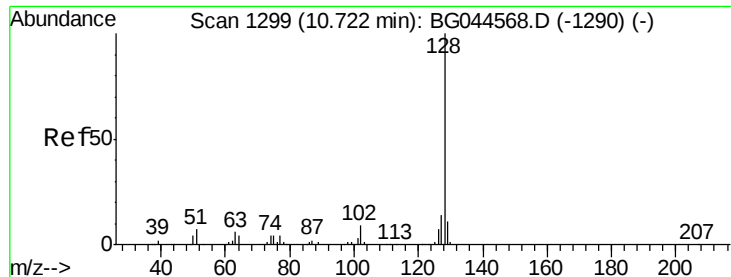
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.2	83.2
98	34.6	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 109.712 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	27.6	22.2	33.2

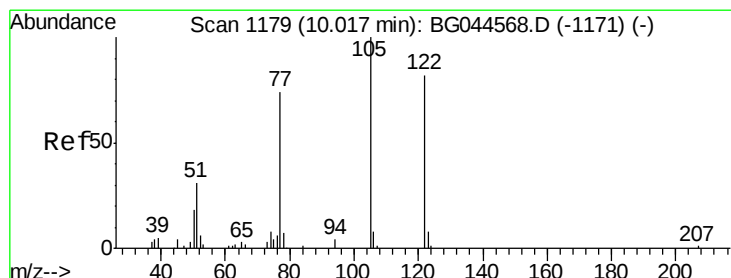
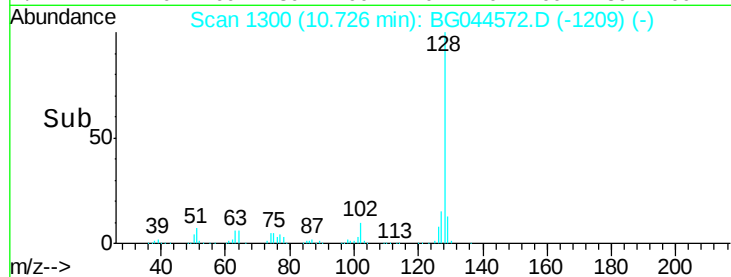
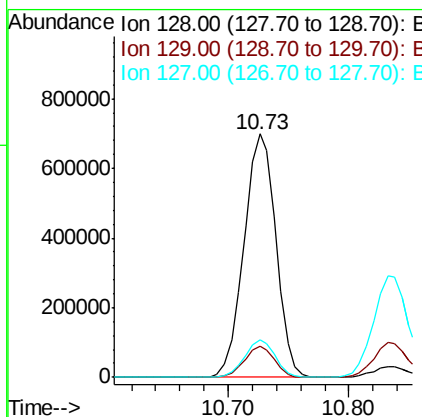
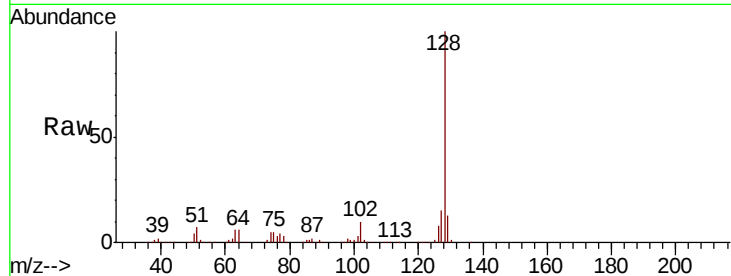




#31
Naphthalene
Concen: 104.961 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

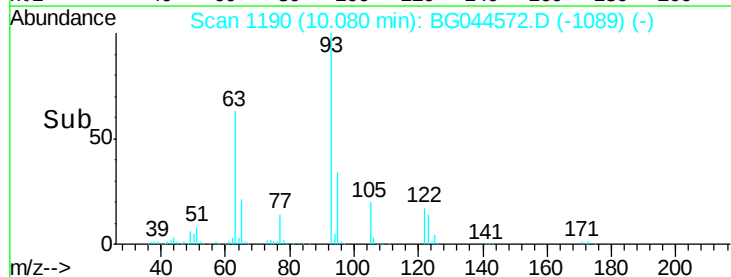
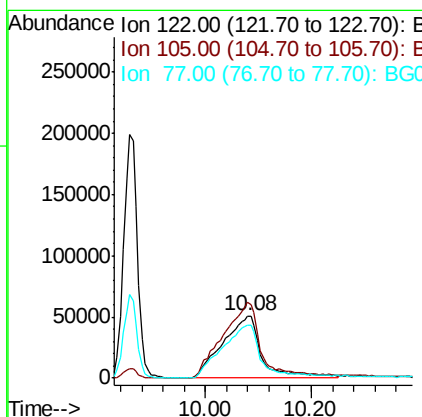
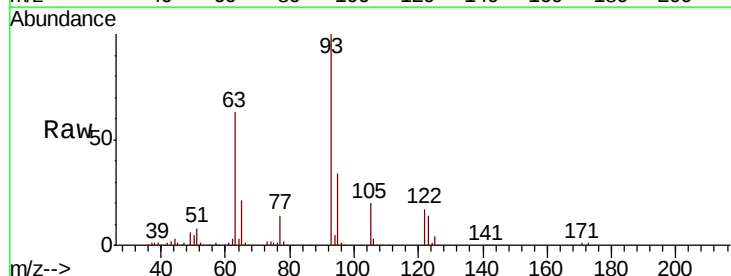
Instrument :
BNA_G
ClientSampleId :

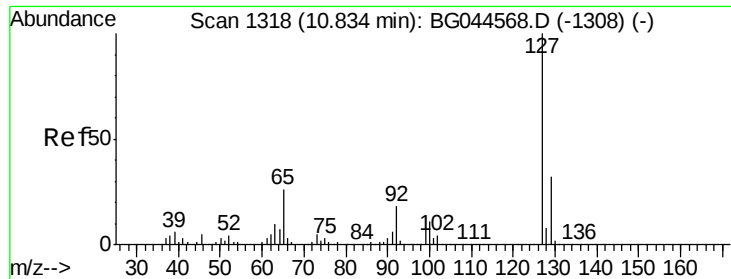
Tot Ion:128 Resp: 1287933
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 15.3 11.0 16.4



#32
Benzoic acid
Concen: 149.656 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.06 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:122 Resp: 255715
Ion Ratio Lower Upper
122 100
105 122.5 101.4 141.4
77 84.8 69.8 109.8

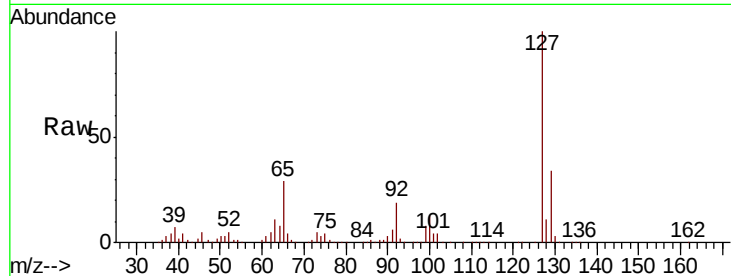




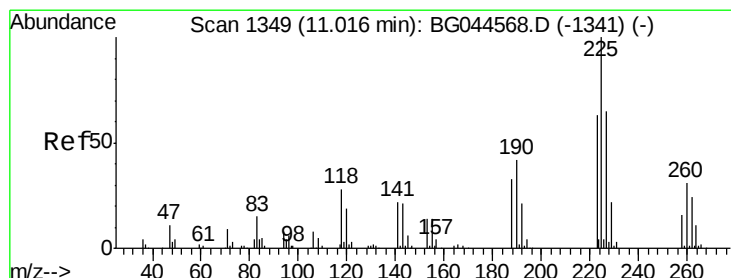
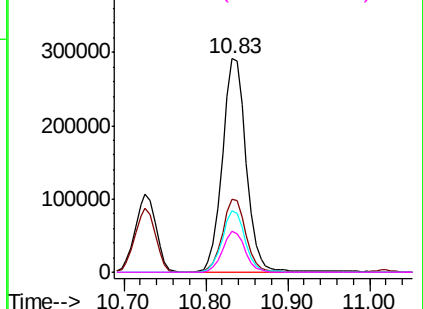
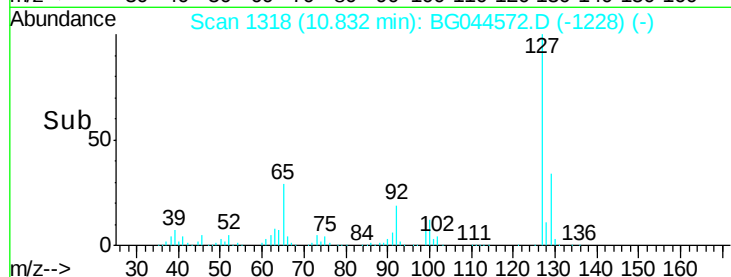
#33
4-Chloroaniline
Concen: 105.623 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	589451
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	28.9	20.7	31.1
92	19.0	14.2	21.2

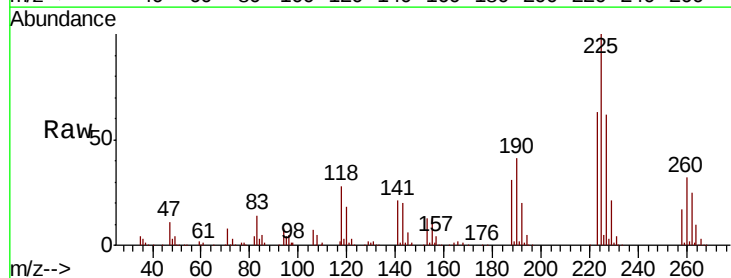


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

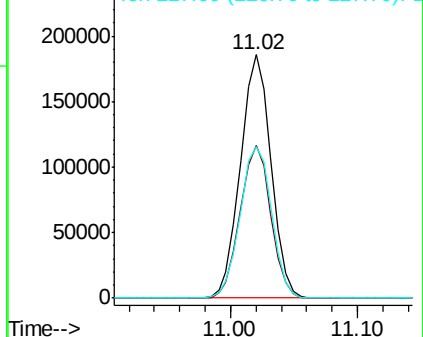
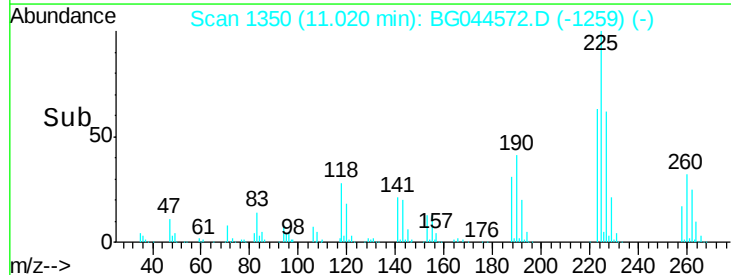


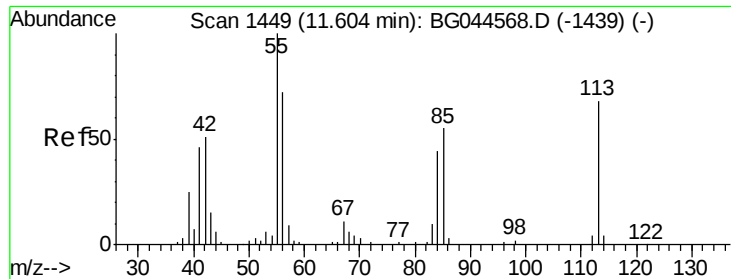
#34
Hexachlorobutadiene
Concen: 113.644 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:	225	Resp:	310582
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	62.4	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: 111.789 ng

RT: 11.64 min Scan# 1456

Delta R.T. 0.04 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

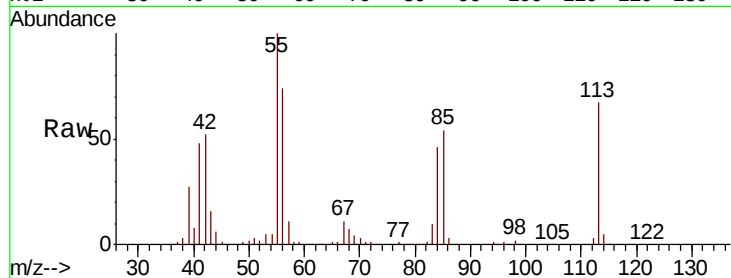
Tot Ion:113 Resp: 158617

Ion Ratio Lower Upper

113 100

55 149.0 127.8 167.8

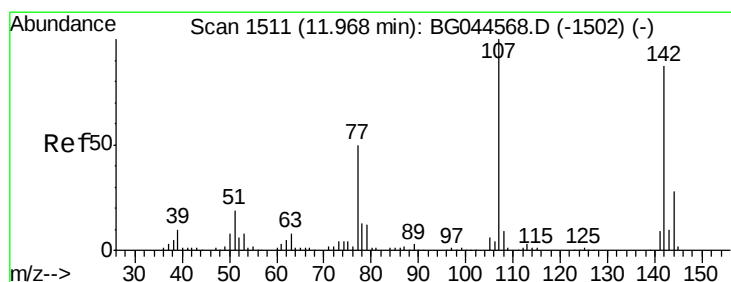
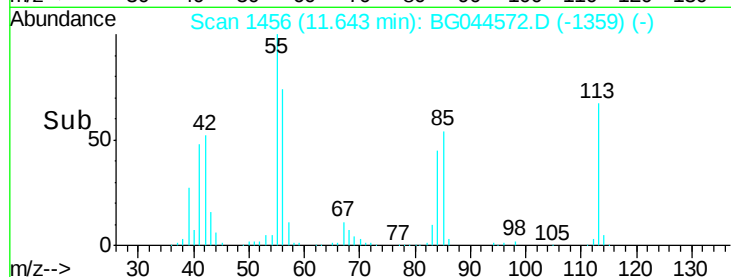
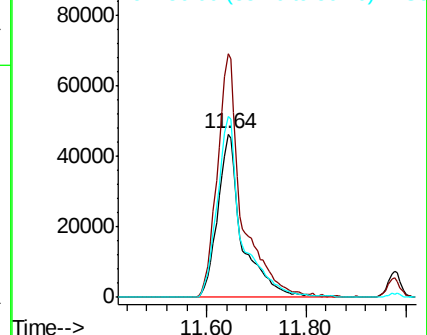
56 110.5 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 106.778 ng

RT: 11.98 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

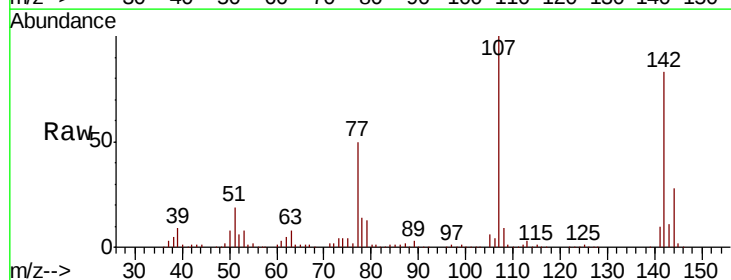
Tgt Ion:107 Resp: 433636

Ion Ratio Lower Upper

107 100

144 28.3 22.3 33.5

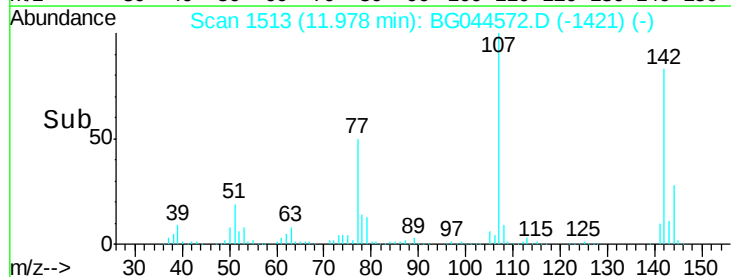
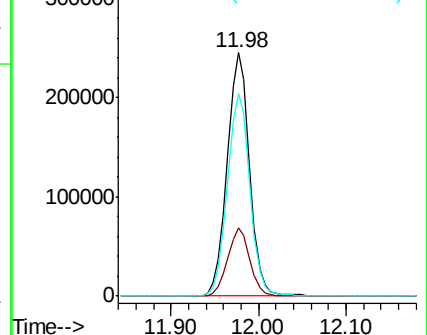
142 83.2 69.3 103.9

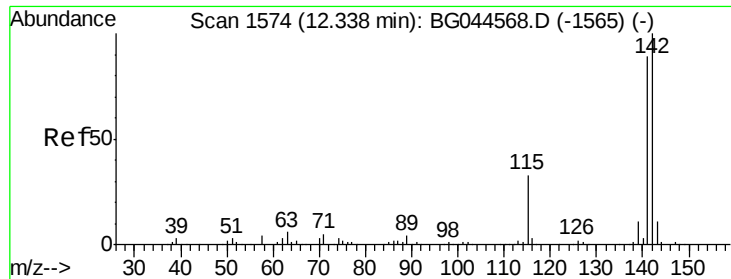


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

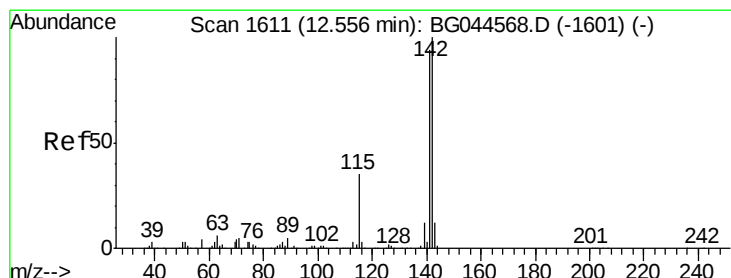
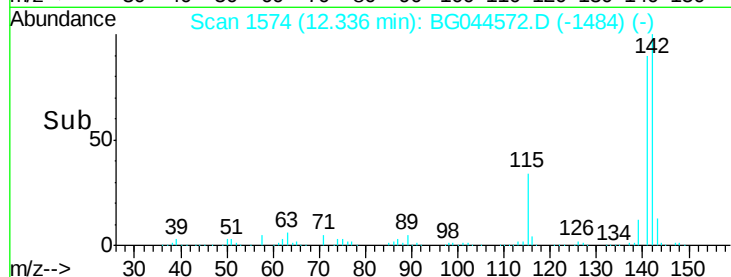
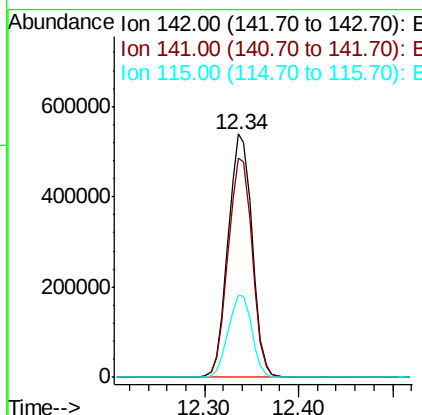
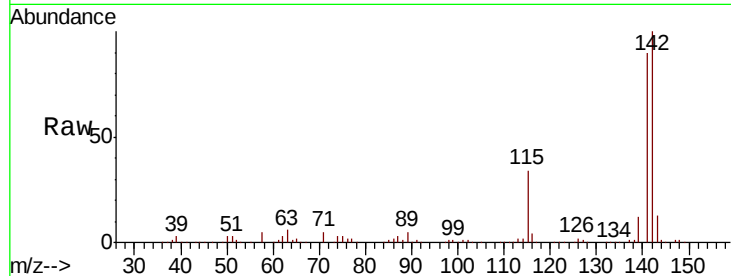




#37
 2-Methylnaphthalene
 Concen: 104.948 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

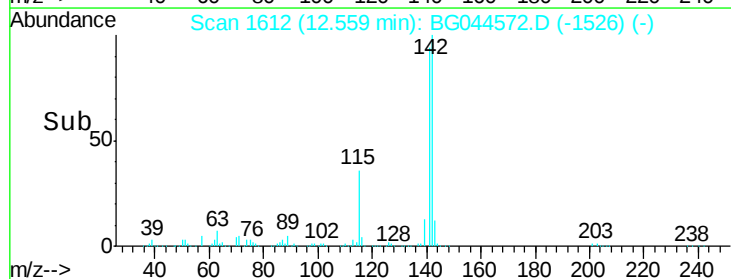
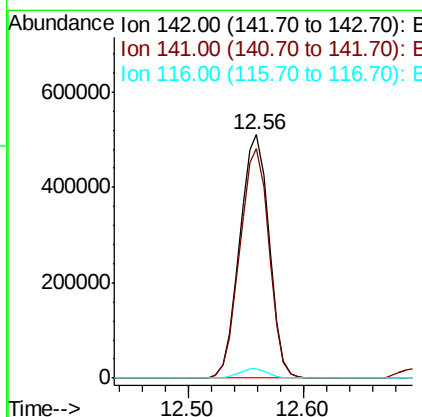
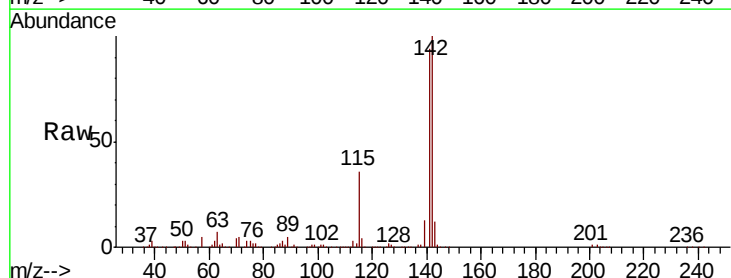
Instrument :
 BNA_G
 ClientSampleId :

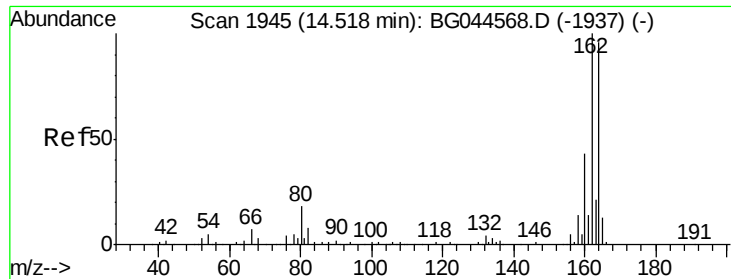
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	33.7	26.2	39.2



#38
 1-Methylnaphthalene
 Concen: 104.486 ng
 RT: 12.56 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.1	112.7
116	3.9	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: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

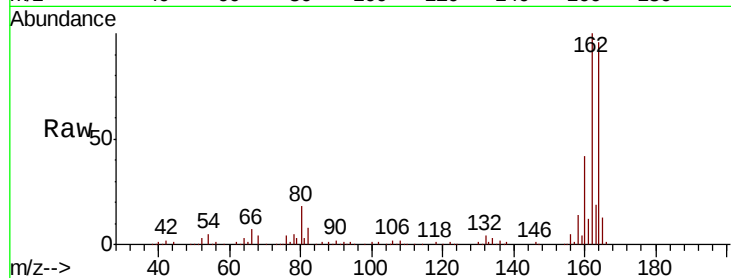
Tot Ion:164 Resp: 159644

Ion Ratio Lower Upper

164 100

162 103.8 83.6 125.4

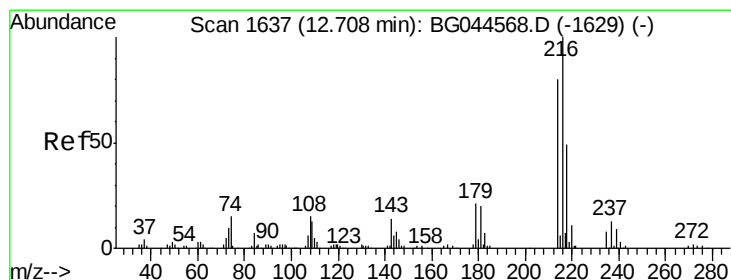
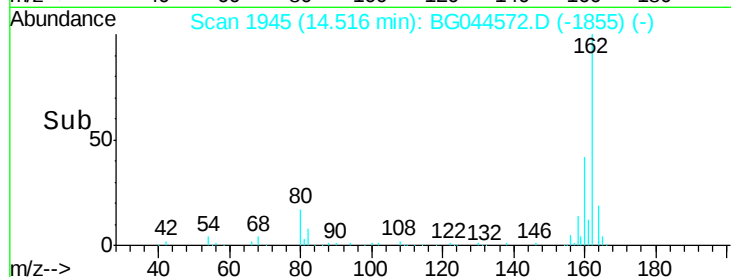
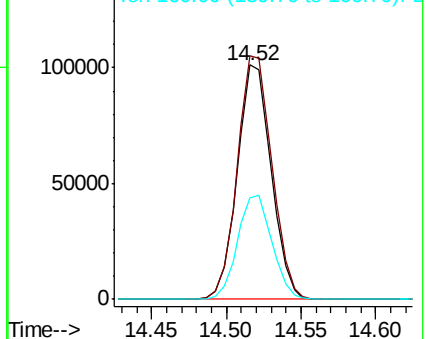
160 43.1 36.2 54.4



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: 109.979 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Tgt Ion:216 Resp: 525200

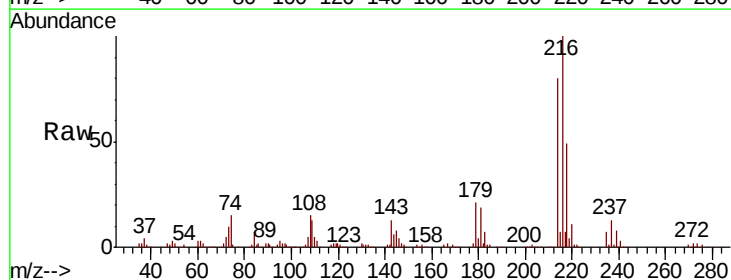
Ion Ratio Lower Upper

216 100

214 80.0 63.3 94.9

179 20.3 16.2 24.2

108 16.2 12.6 18.8

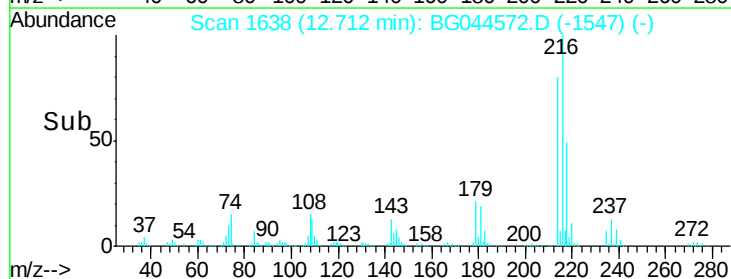
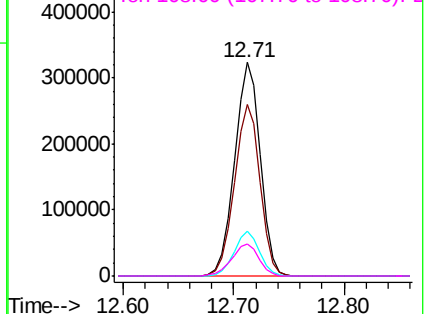


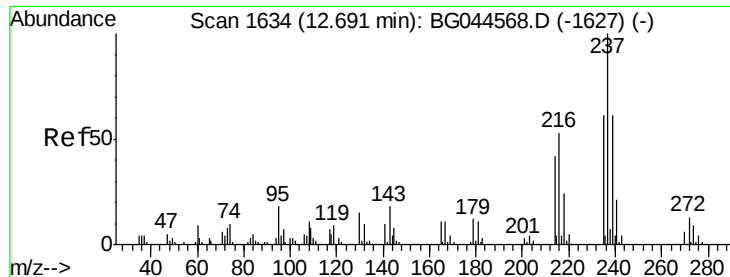
Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.139 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

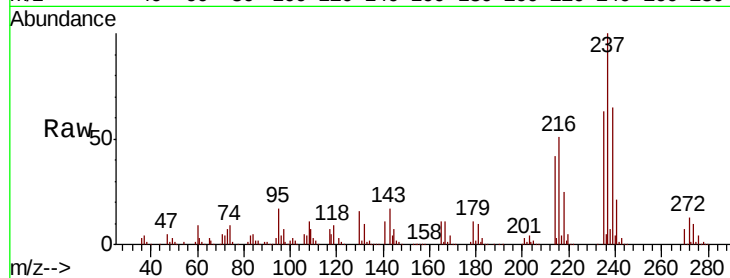
Tot Ion:237 Resp: 263831

Ion Ratio Lower Upper

237 100

235 63.1 40.7 80.7

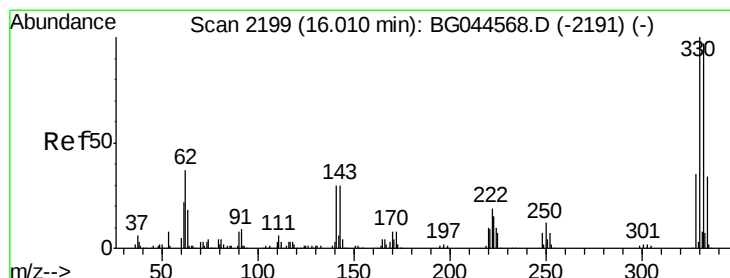
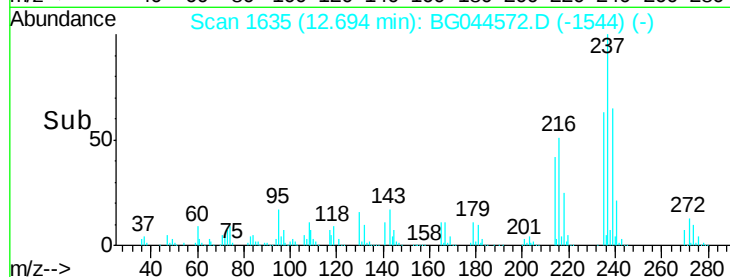
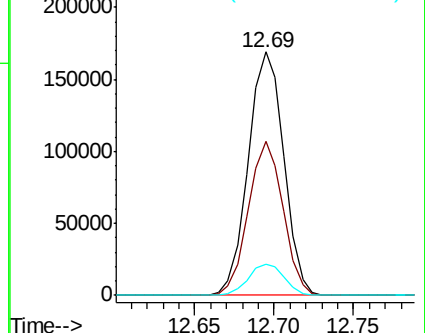
272 13.0 0.0 32.7



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: 240.908 ng

RT: 16.01 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

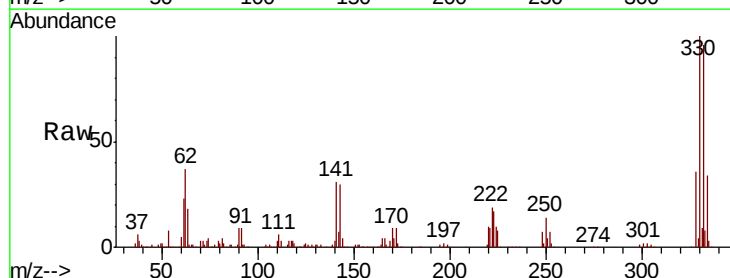
Tgt Ion:330 Resp: 451492

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

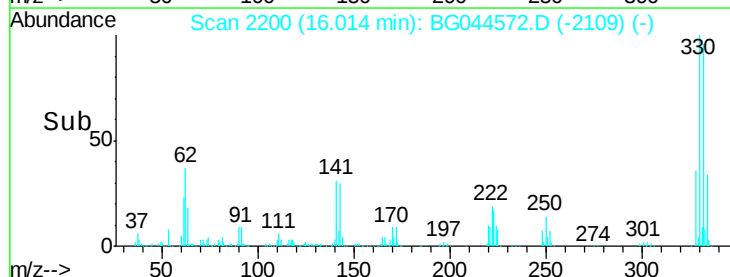
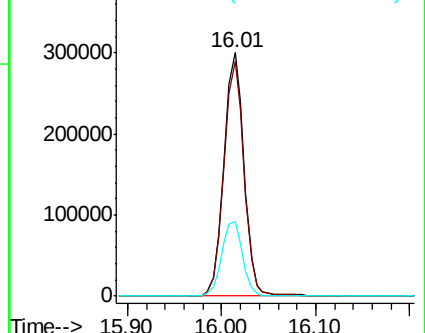
141 31.7 26.1 39.1

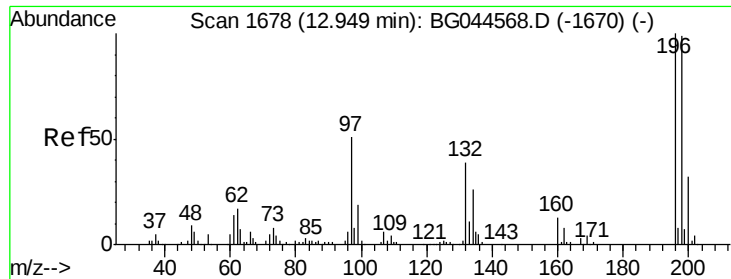


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

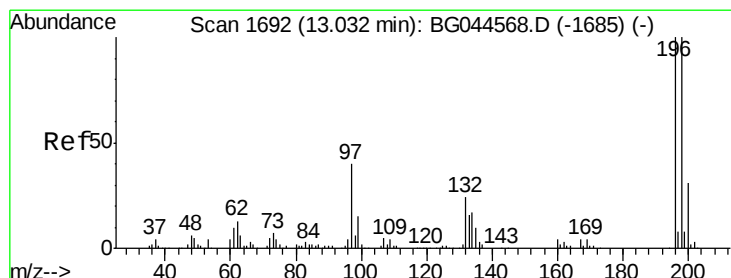
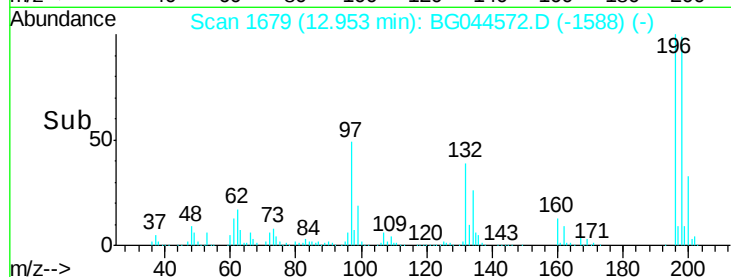
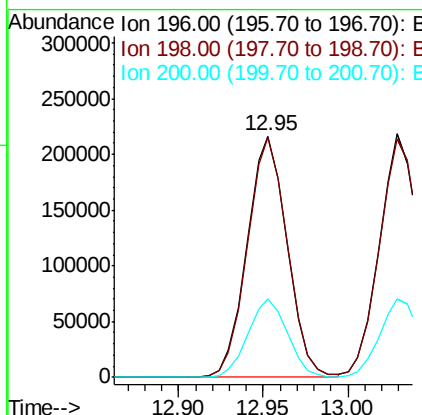
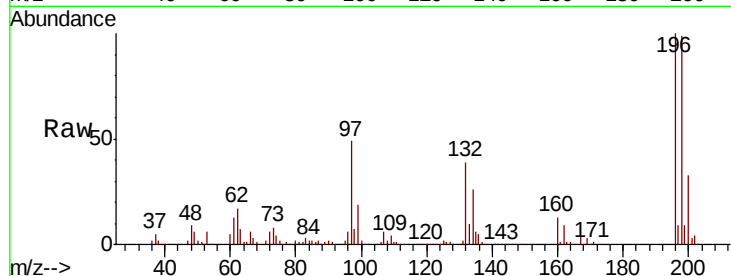




#43
 2,4,6-Trichlorophenol
 Concen: 115.458 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

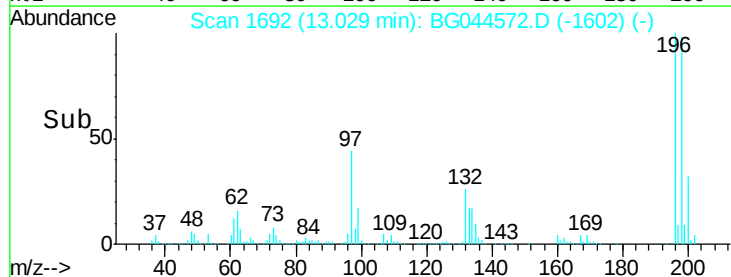
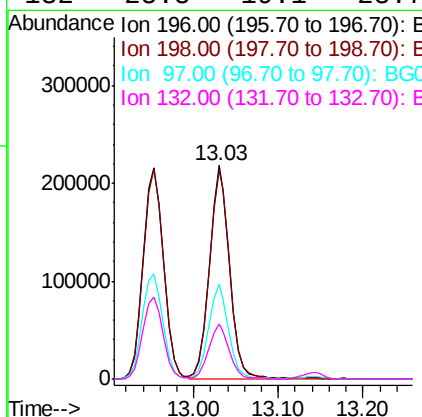
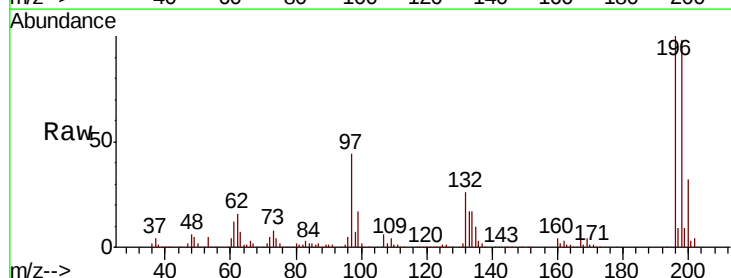
Instrument :
 BNA_G
 ClientSampled :

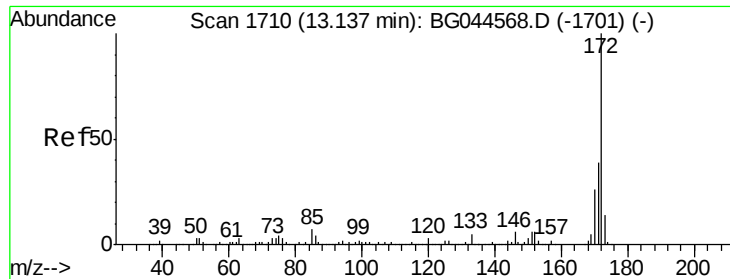
Tot Ion:196 Resp: 356390
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.2 118.8
 200 32.7 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 115.612 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:196 Resp: 364502
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.3 118.9
 97 44.1 32.3 48.5
 132 25.5 19.1 28.7



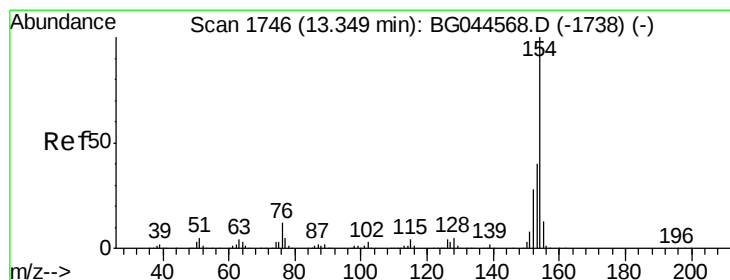
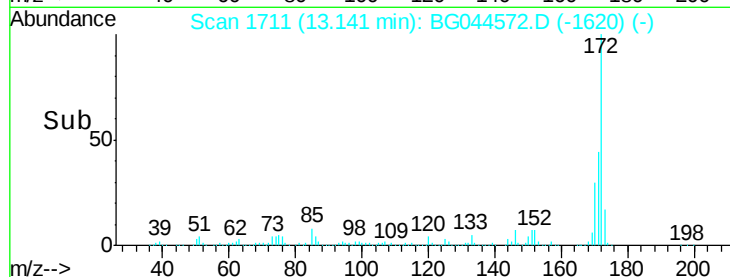
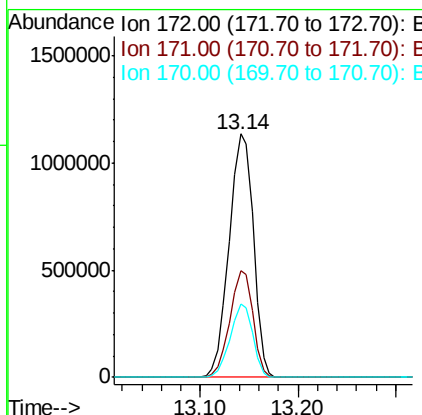
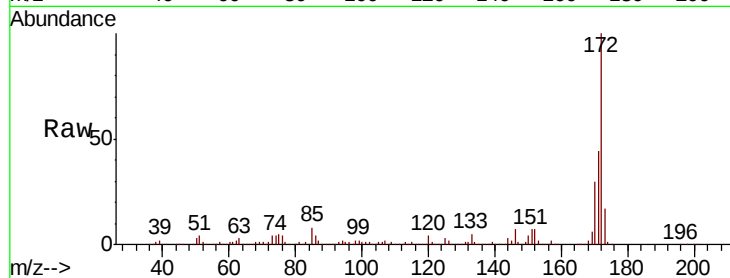


#45
 2-Fluorobiphenyl
 Concen: 205.410 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1958277

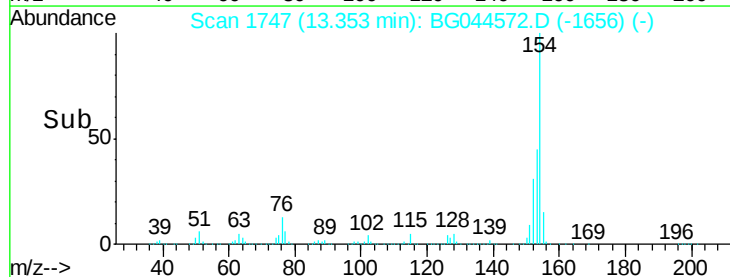
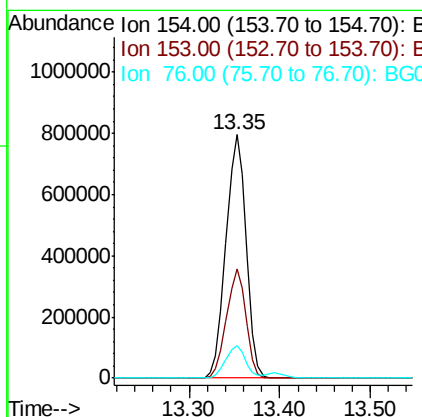
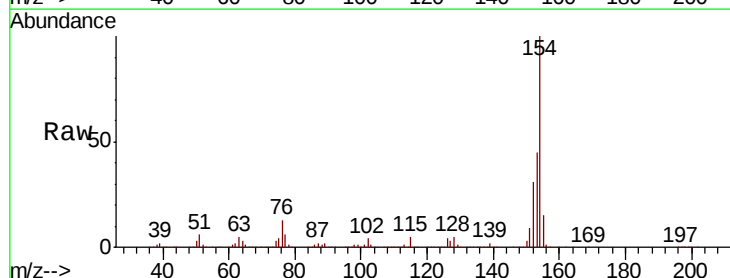
Ion	Ratio	Lower	Upper
172	100		
171	44.0	31.3	46.9
170	30.1	21.0	31.4

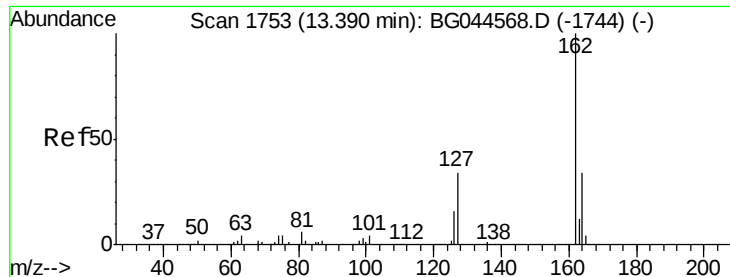


#46
 1,1'-Biphenyl
 Concen: 106.666 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:154 Resp: 1228293

Ion	Ratio	Lower	Upper
154	100		
153	44.8	20.2	60.2
76	13.4	0.0	31.8





#47

2-Chloronaphthalene

Concen: 106.994 ng

RT: 13.39 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

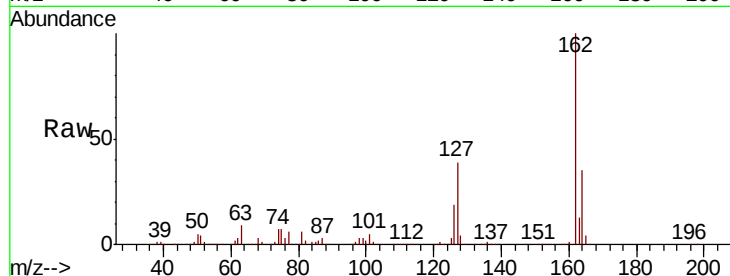
Tot Ion:162 Resp: 980420

Ion Ratio Lower Upper

162 100

127 38.6 28.7 43.1

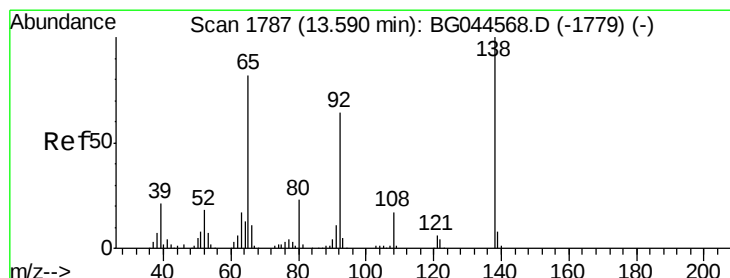
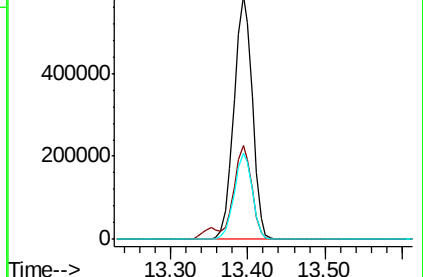
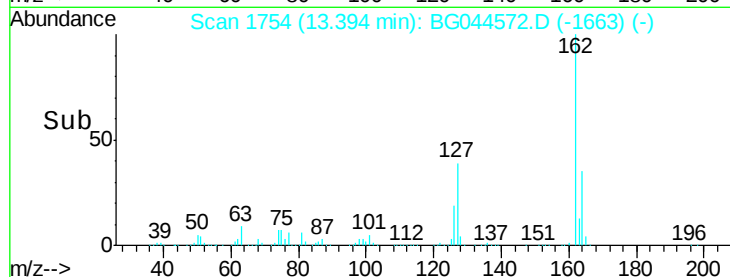
164 35.2 27.3 40.9



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: 106.908 ng

RT: 13.60 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

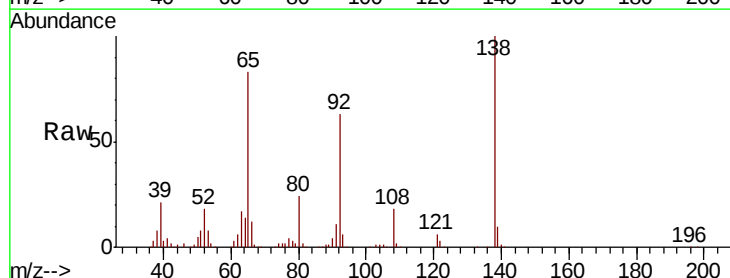
Tgt Ion: 65 Resp: 289109

Ion Ratio Lower Upper

65 100

92 75.9 62.2 93.2

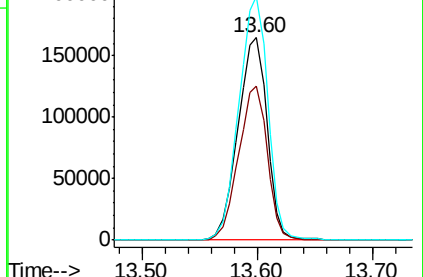
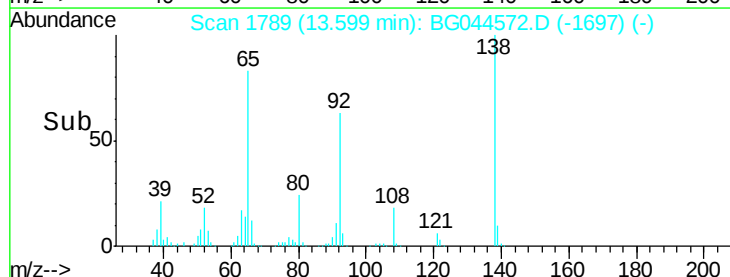
138 120.4 97.6 146.4

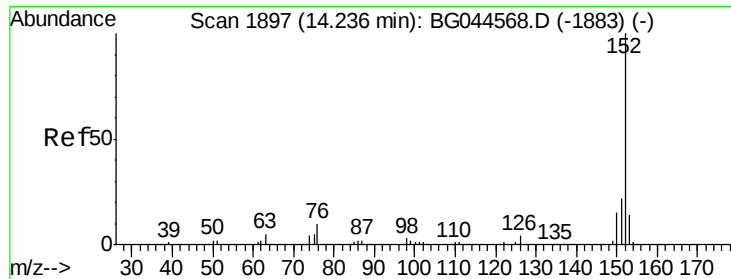


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 105.151 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

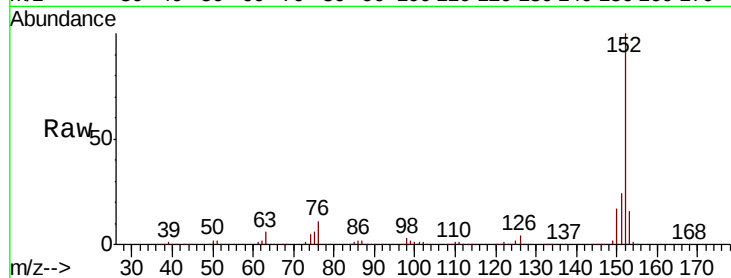
Tot Ion:152 Resp: 1413235

Ion Ratio Lower Upper

152 100

151 24.3 17.7 26.5

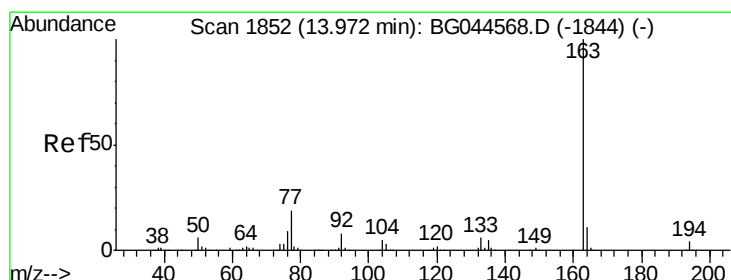
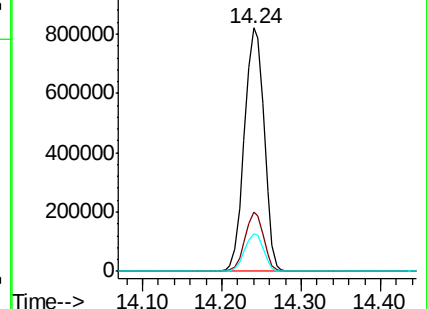
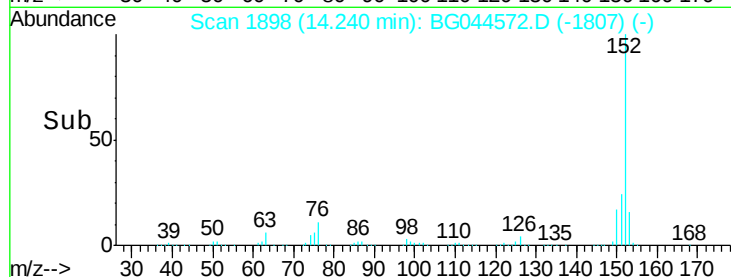
153 15.7 11.3 16.9



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: 104.375 ng

RT: 13.98 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

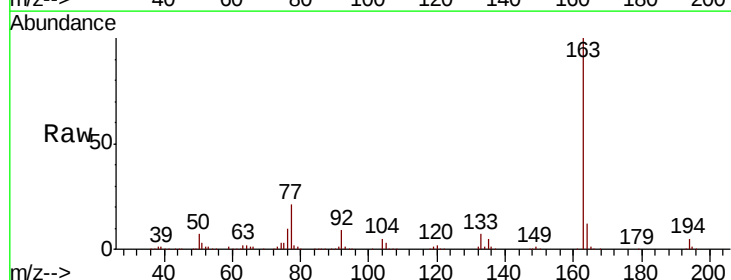
Tgt Ion:163 Resp: 1197778

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

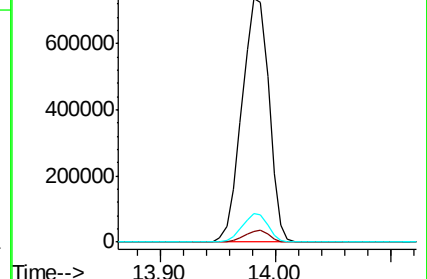
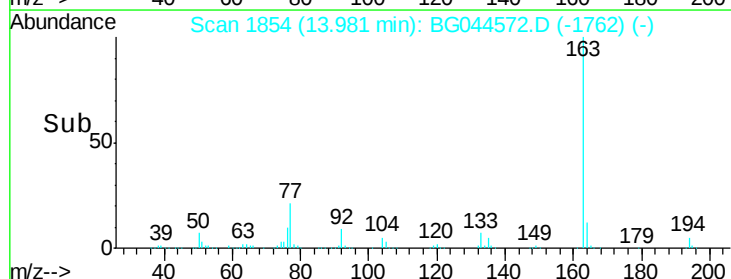
164 11.6 8.7 13.1

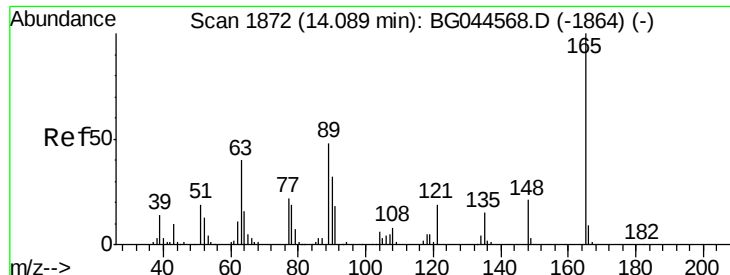


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 108.993 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

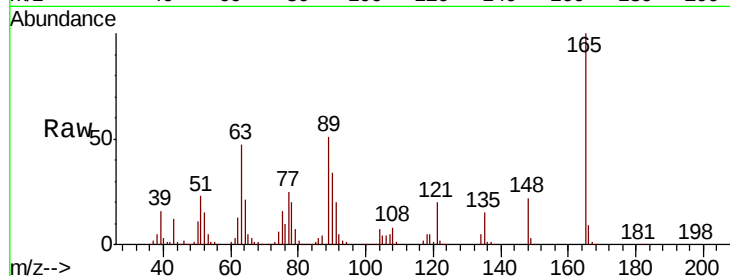
Tot Ion:165 Resp: 278879

Ion Ratio Lower Upper

165 100

63 47.0 35.8 53.6

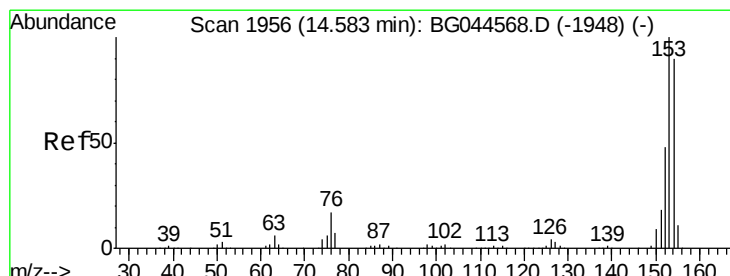
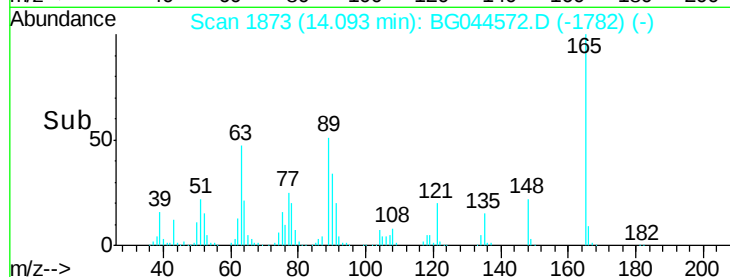
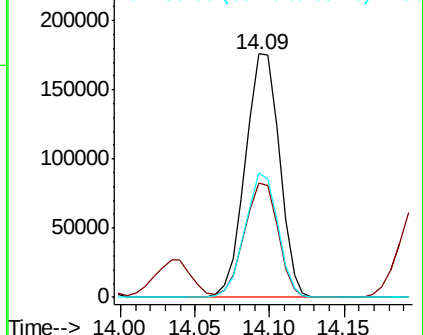
89 51.3 38.7 58.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 106.175 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

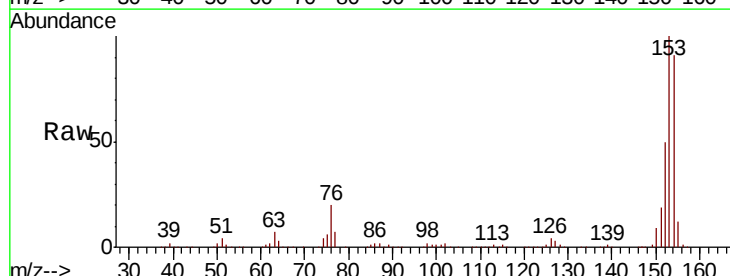
Tgt Ion:154 Resp: 924942

Ion Ratio Lower Upper

154 100

153 109.4 89.4 134.0

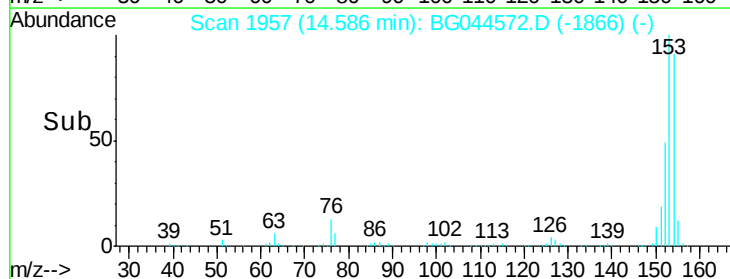
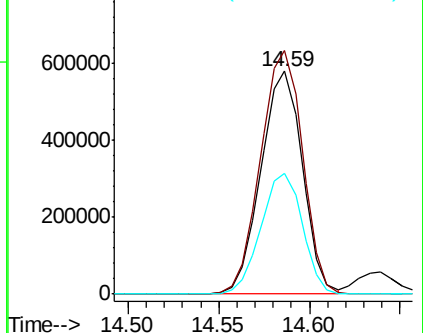
152 54.4 43.0 64.4

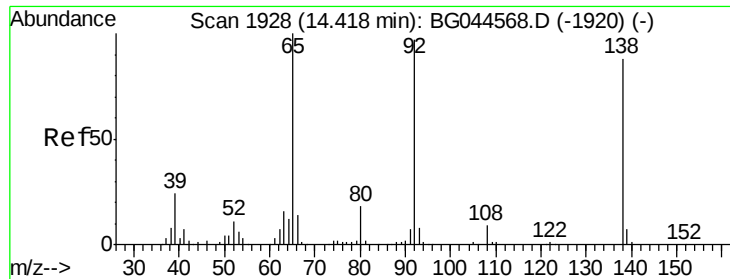


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

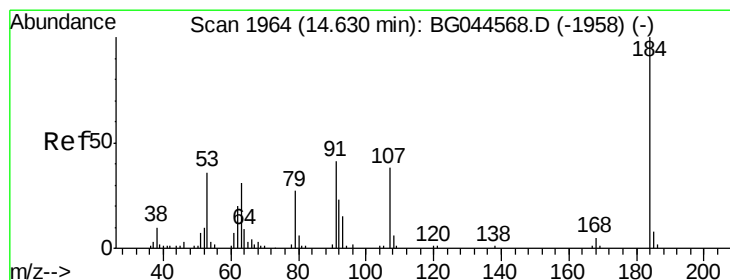
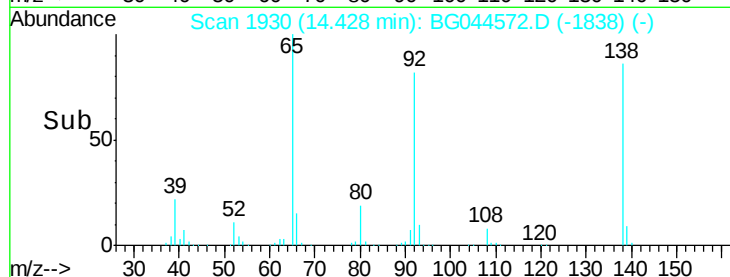
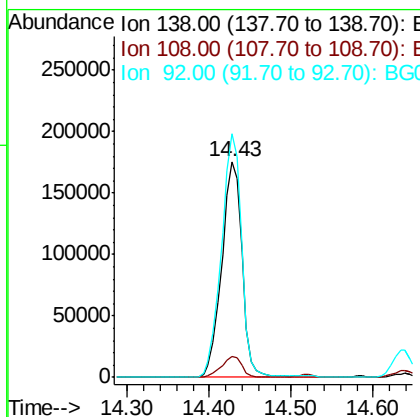
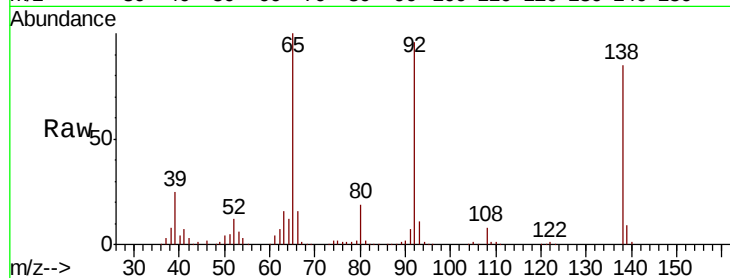




#53
3-Nitroaniline
Concen: 107.647 ng
RT: 14.43 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

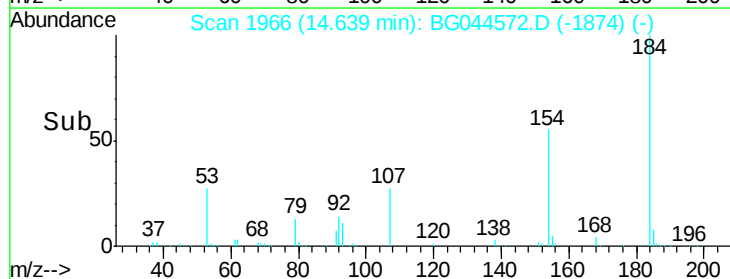
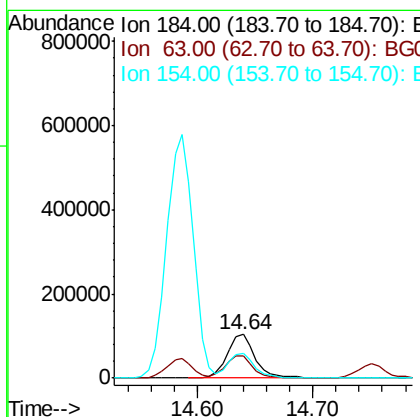
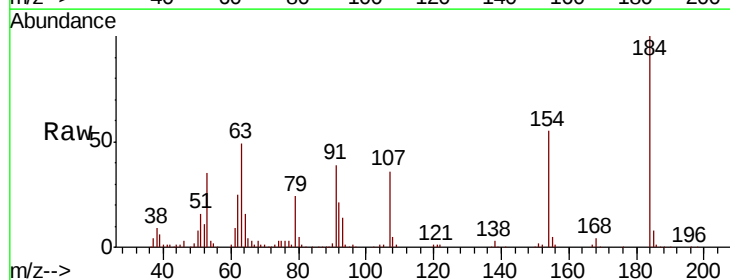
Instrument :
BNA_G
ClientSampleId :

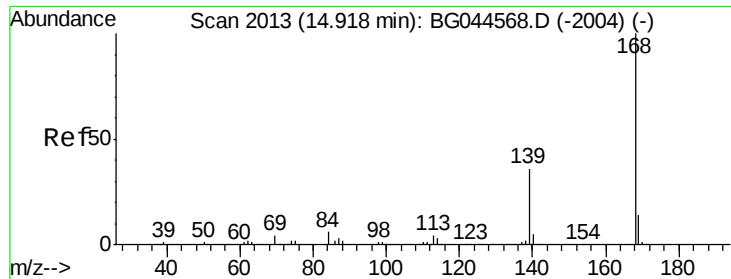
Tot Ion:138 Resp: 304728
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 112.8 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 138.114 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:184 Resp: 175443
Ion Ratio Lower Upper
184 100
63 49.5 42.1 63.1
154 55.3 43.4 65.2

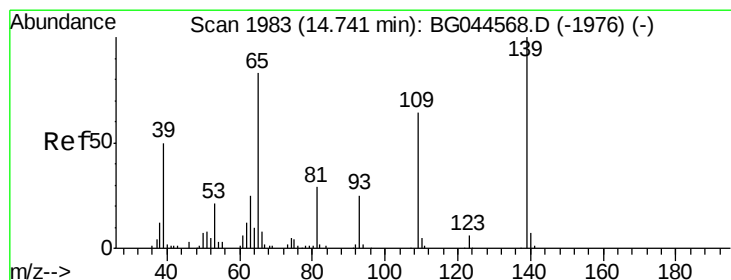
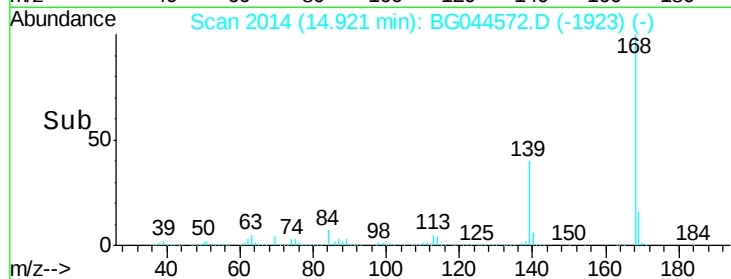
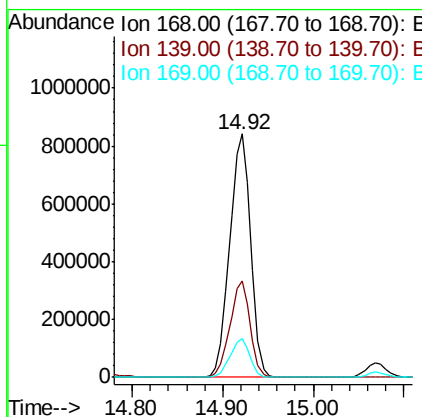
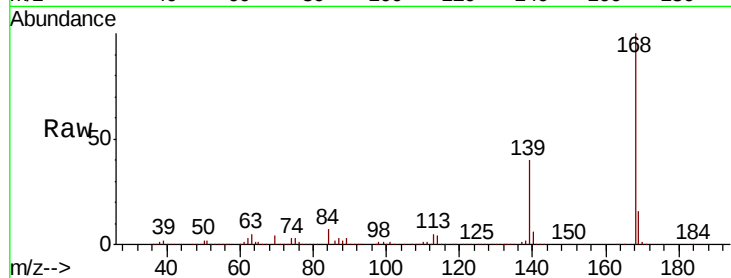




#55
Dibenzofuran
Concen: 102.732 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

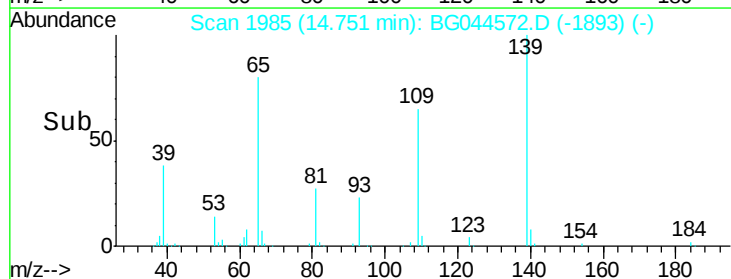
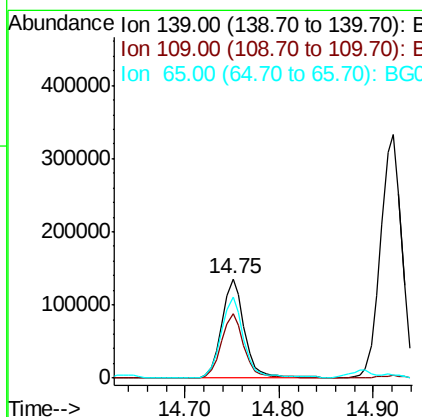
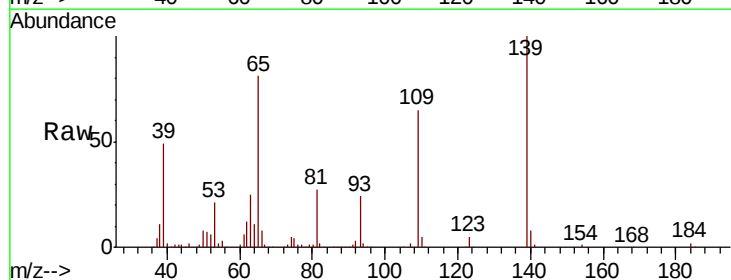
Instrument :
BNA_G
ClientSampleId :

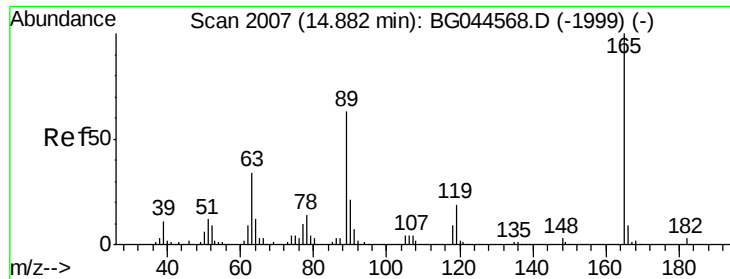
Tot Ion:168 Resp: 1354986
Ion Ratio Lower Upper
168 100
139 39.5 29.2 43.8
169 15.8 11.0 16.6



#56
4-Nitrophenol
Concen: 111.826 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:139 Resp: 231880
Ion Ratio Lower Upper
139 100
109 64.8 43.8 83.8
65 81.2 63.6 103.6

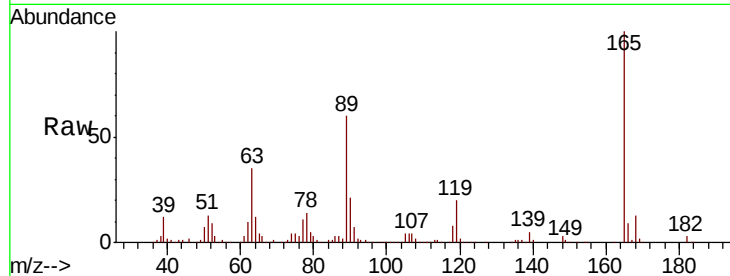




#57
2,4-Dinitrotoluene
Concen: 110.004 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	27.5	41.3
89	59.9	50.0	75.0
182	2.6	2.3	3.5



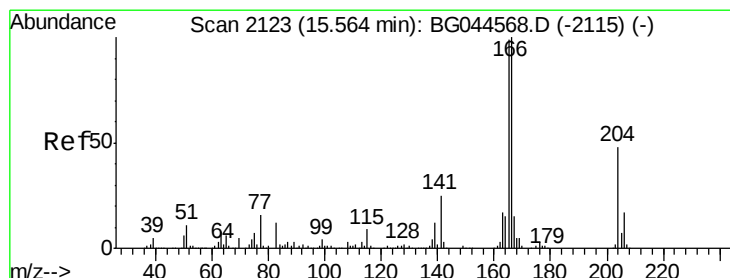
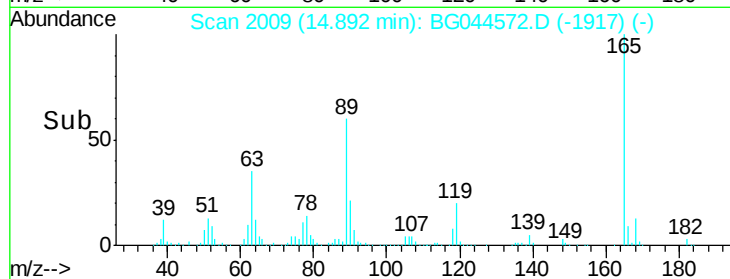
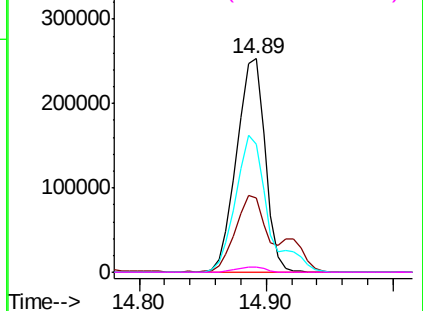
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

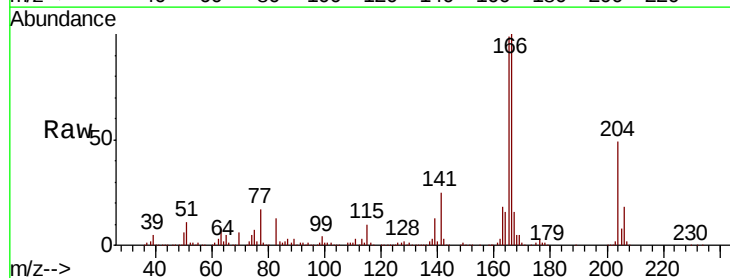
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 104.349 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.2	118.8
167	15.5	11.7	17.5

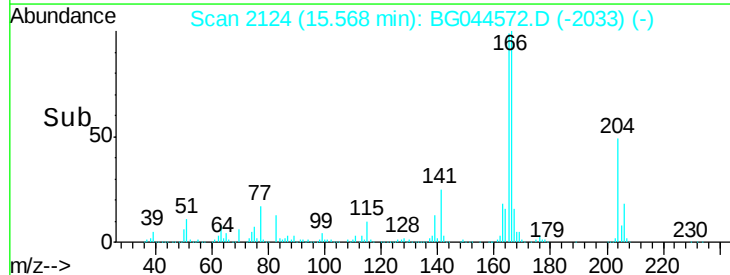
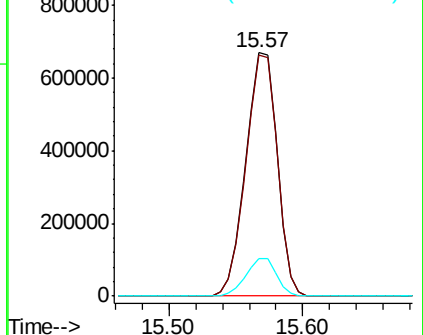


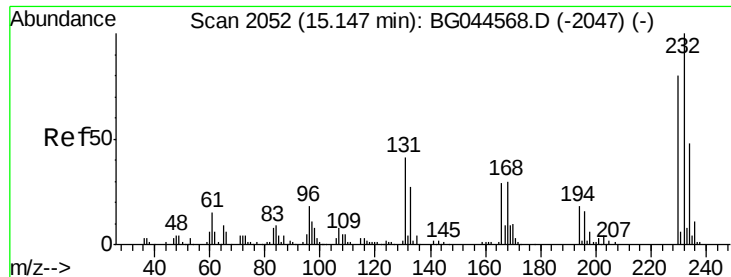
Abundance

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

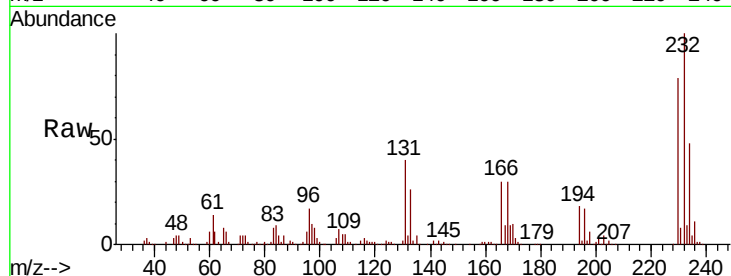




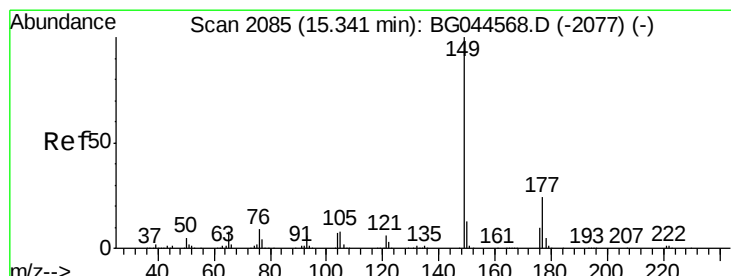
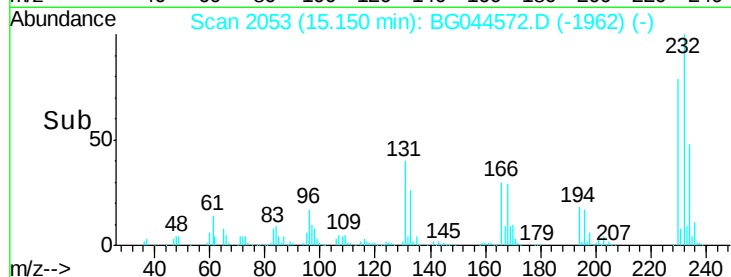
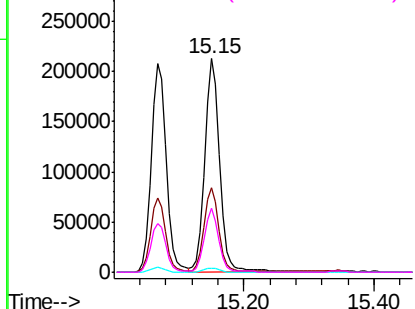
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 118.429 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 337264
 Ion Ratio Lower Upper
 232 100
 131 40.2 31.8 47.6
 130 2.1 1.8 2.6
 166 29.2 22.7 34.1

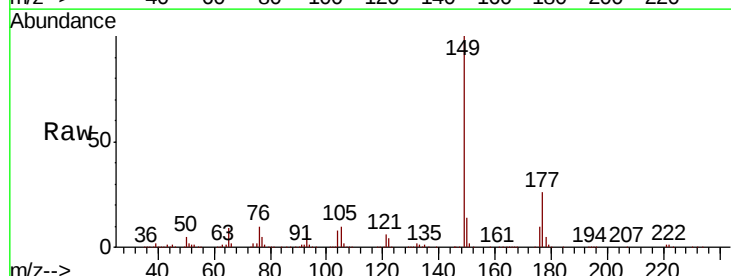


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

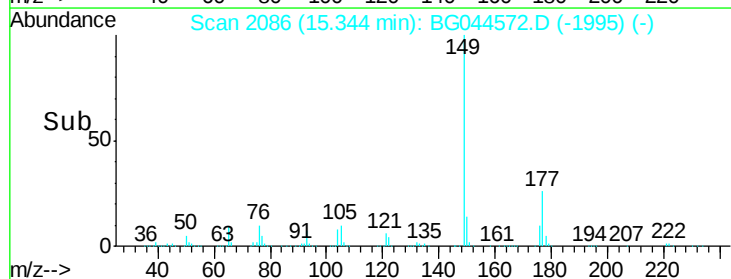
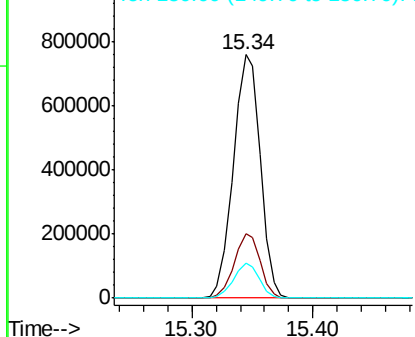


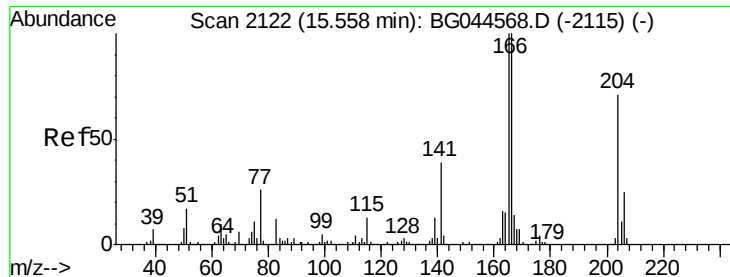
#60
 Diethylphthalate
 Concen: 102.858 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:149 Resp: 1176146
 Ion Ratio Lower Upper
 149 100
 177 26.2 19.2 28.8
 150 14.2 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

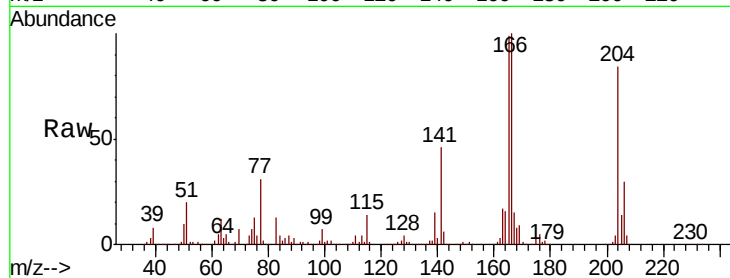




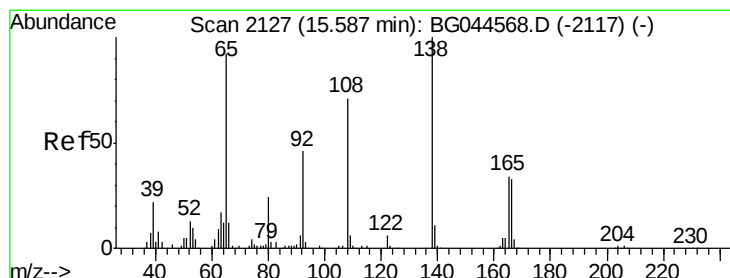
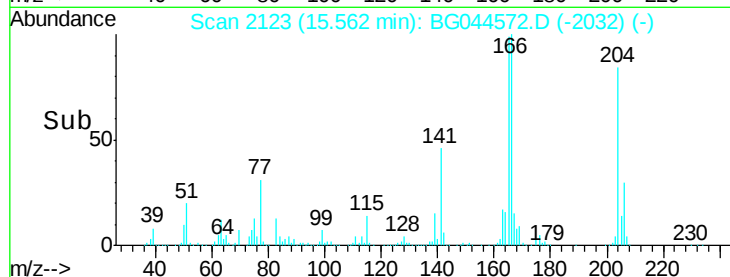
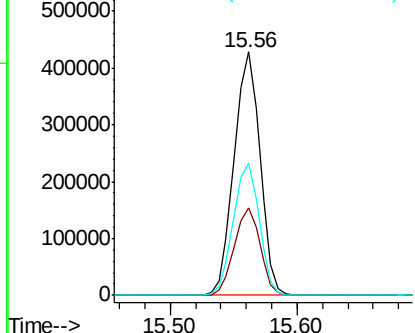
#61
 4-Chlorophenyl-phenylether
 Concen: 107.492 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 605477
 Ion Ratio Lower Upper
 204 100
 206 35.9 27.8 41.8
 141 54.5 43.8 65.8

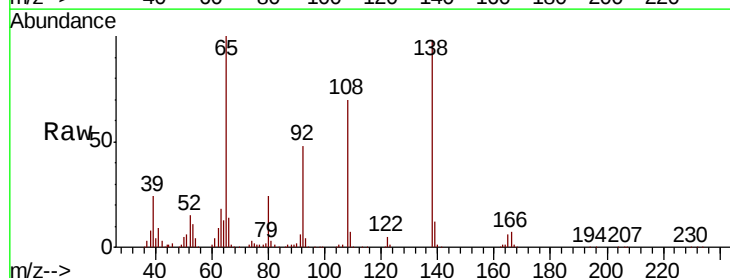


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

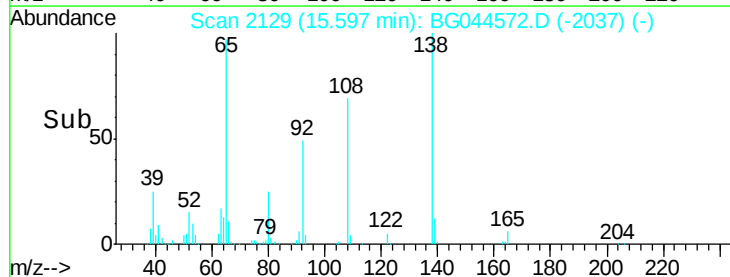
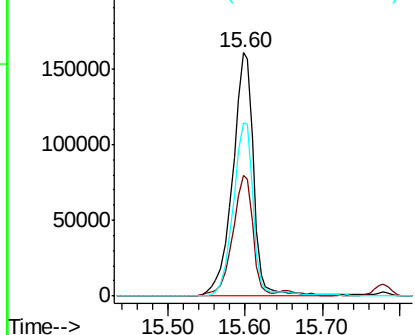


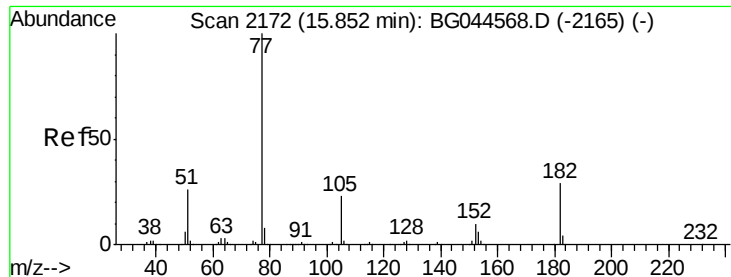
#62
 4-Nitroaniline
 Concen: 108.475 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:138 Resp: 306835
 Ion Ratio Lower Upper
 138 100
 92 49.4 26.4 66.4
 108 71.2 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: 101.550 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1017701

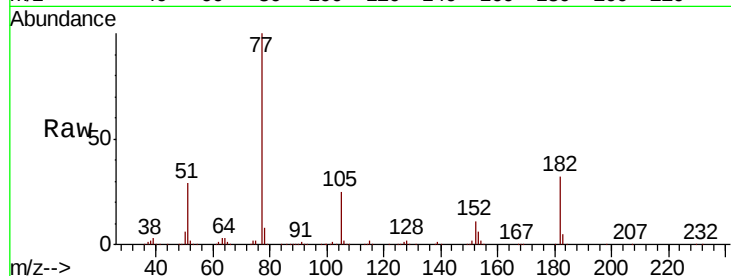
Ion Ratio Lower Upper

77 100

182 31.7 9.4 49.4

105 25.1 3.4 43.4

51 29.1 6.4 46.4

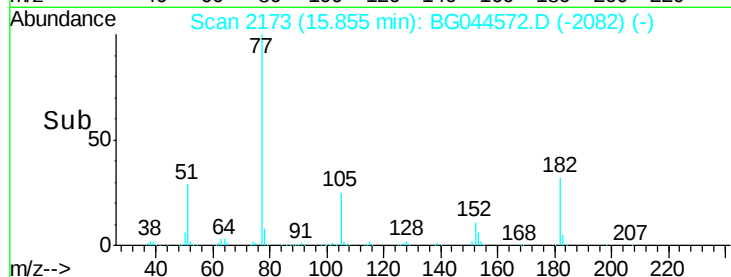
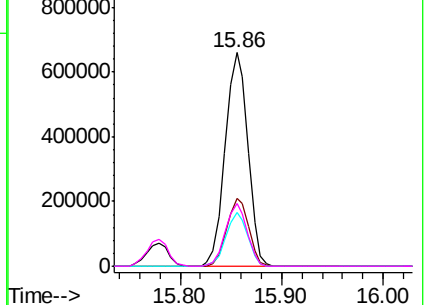


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

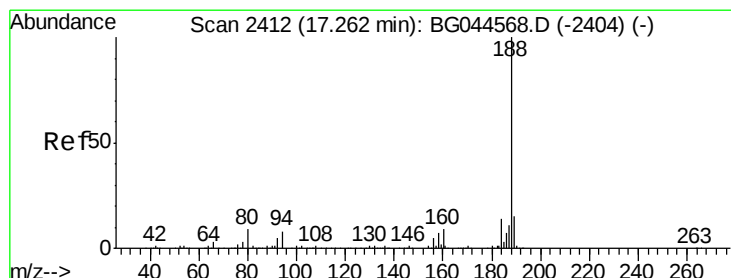
Tgt Ion: 188 Resp: 347769

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

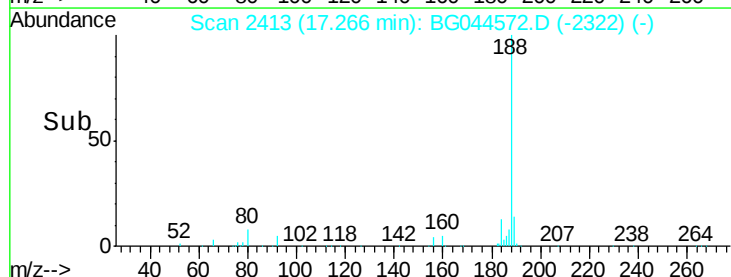
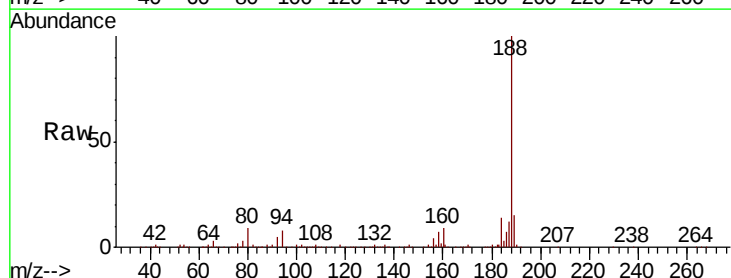
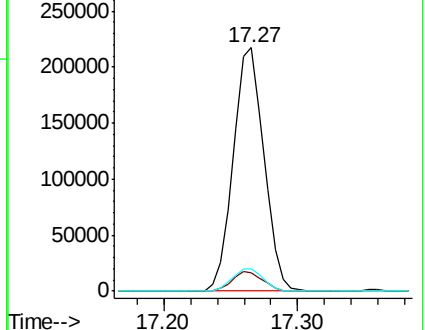
80 9.2 7.6 11.4

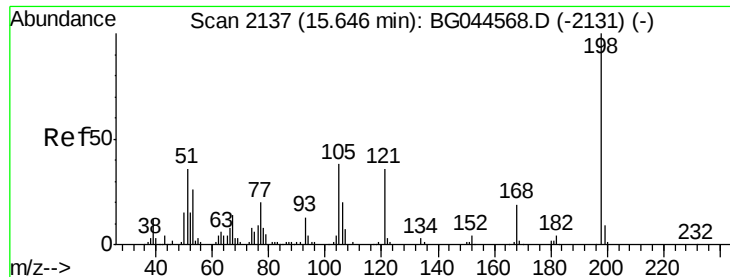


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#65

4,6-Dinitro-2-methylphenol

Concen: 121.748 ng

RT: 15.66 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

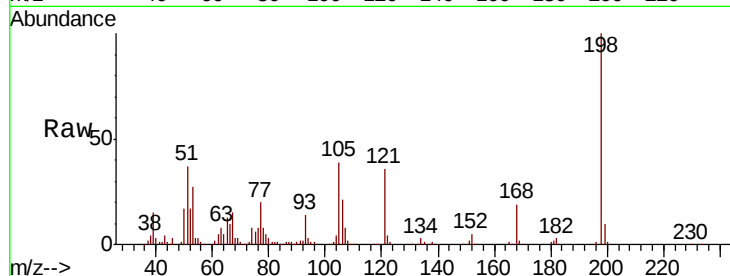
Tot Ion:198 Resp: 233717

Ion	Ratio	Lower	Upper
198	100		
51	36.5	17.0	57.0
105	39.4	18.4	58.4

198 100

51 36.5 17.0 57.0

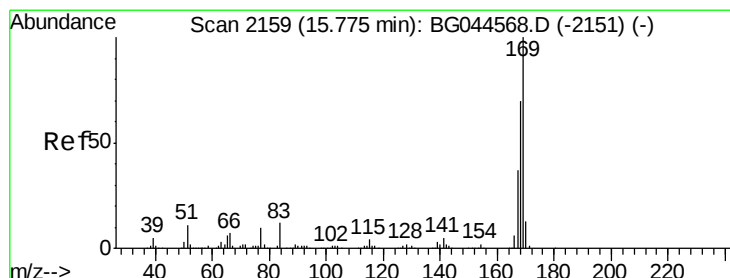
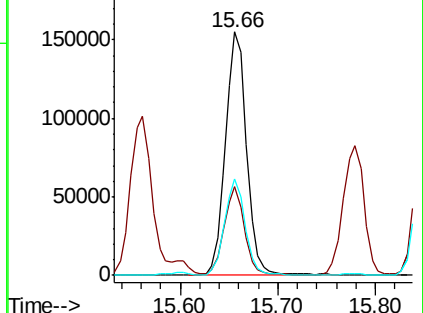
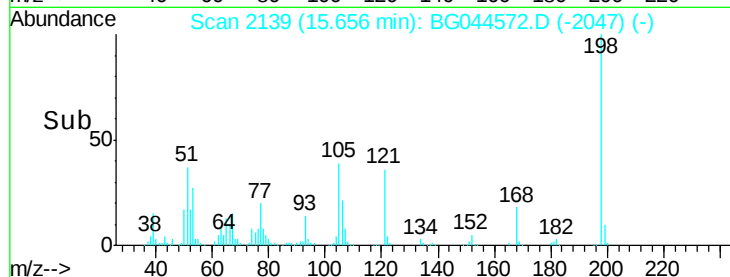
105 39.4 18.4 58.4



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: 104.166 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

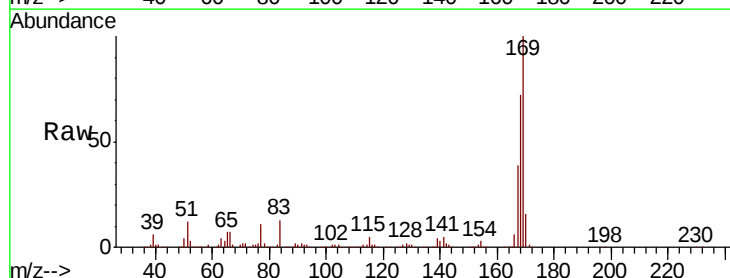
Tgt Ion:169 Resp: 1015203

Ion	Ratio	Lower	Upper
169	100		
168	72.3	56.1	84.1
167	38.8	29.4	44.0

169 100

168 72.3 56.1 84.1

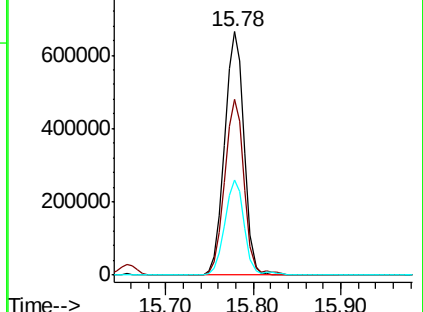
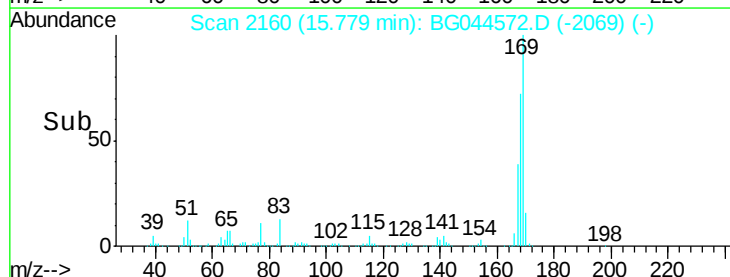
167 38.8 29.4 44.0

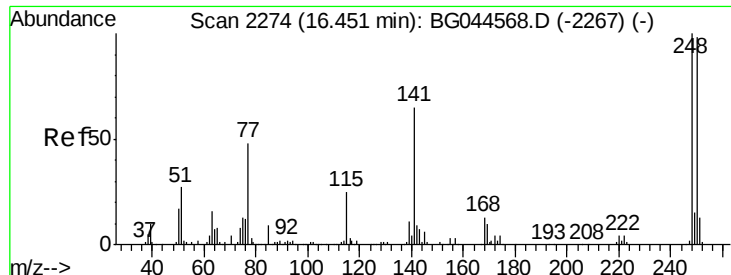


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

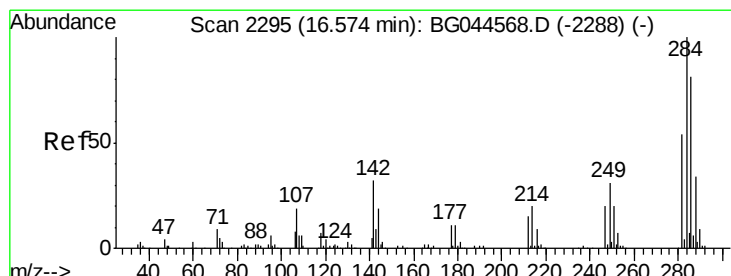
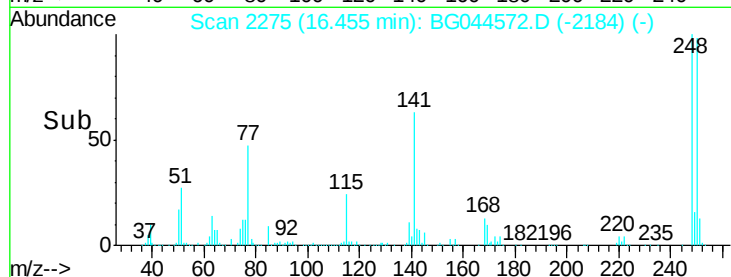
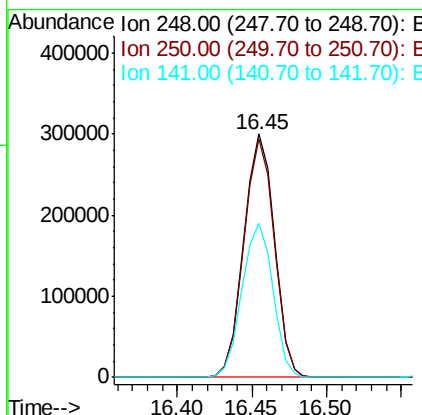
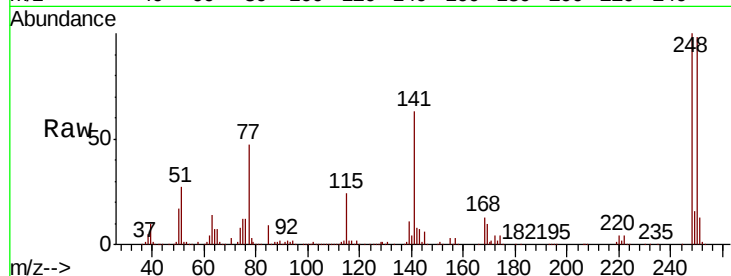




#67
 4-Bromophenyl-phenylether
 Concen: 112.300 ng
 RT: 16.45 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

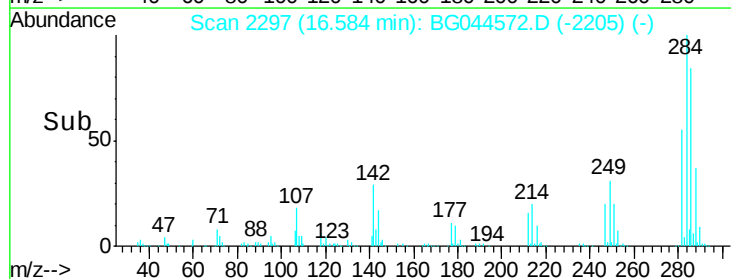
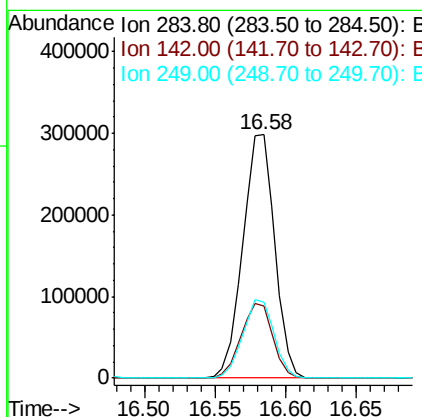
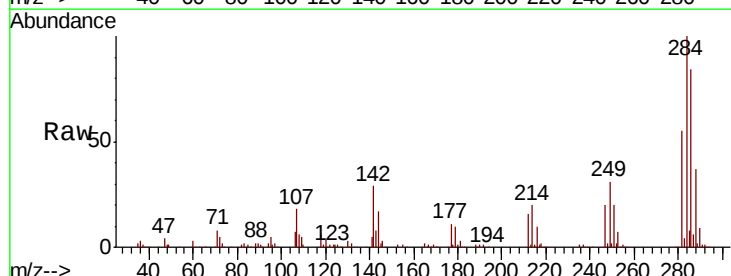
Instrument :
 BNA_G
 ClientSampleId :

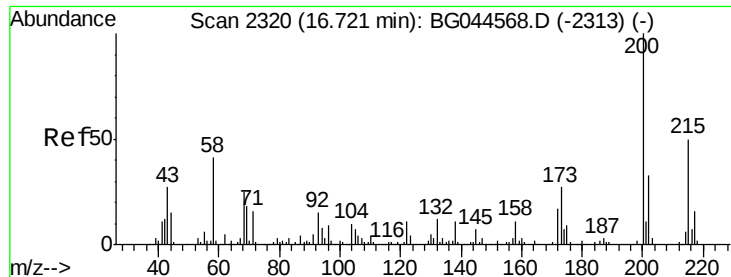
Tot Ion:248 Resp: 425493
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.7 118.1
 141 63.0 52.3 78.5



#68
 Hexachlorobenzene
 Concen: 111.167 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:284 Resp: 471884
 Ion Ratio Lower Upper
 284 100
 142 29.4 25.6 38.4
 249 31.4 24.6 36.8

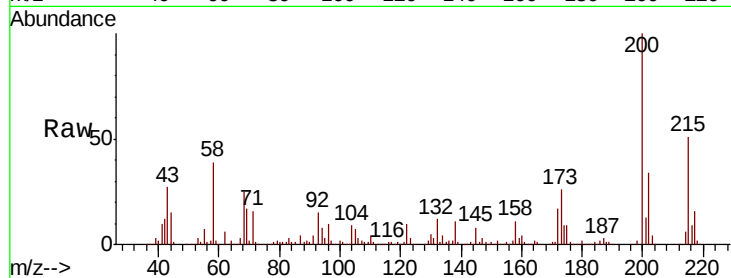




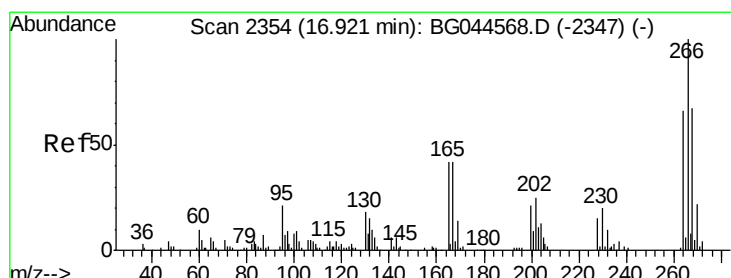
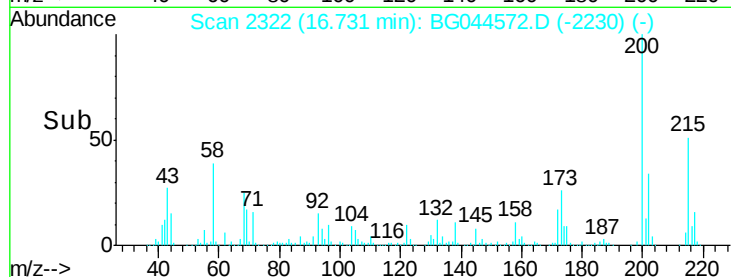
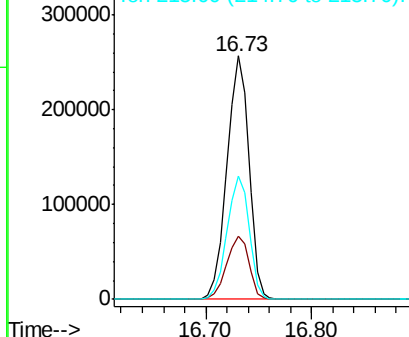
#69
 Atrazine
 Concen: 110.236 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 368241
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.6 46.6
 215 50.5 30.3 70.3

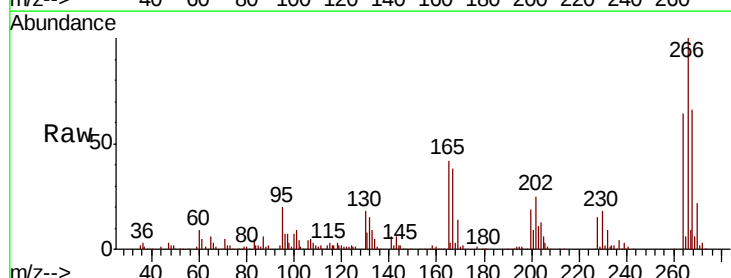


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

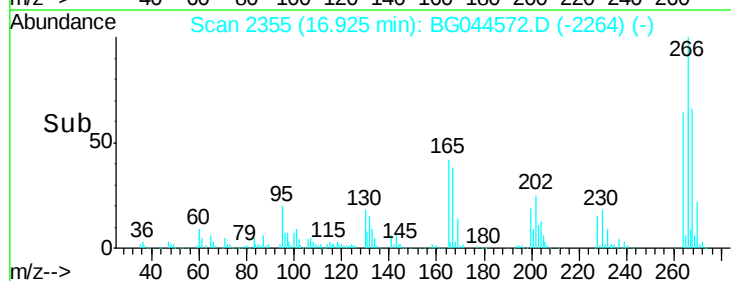
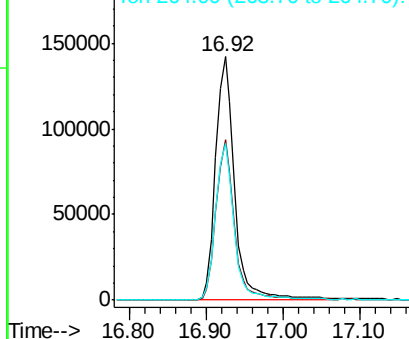


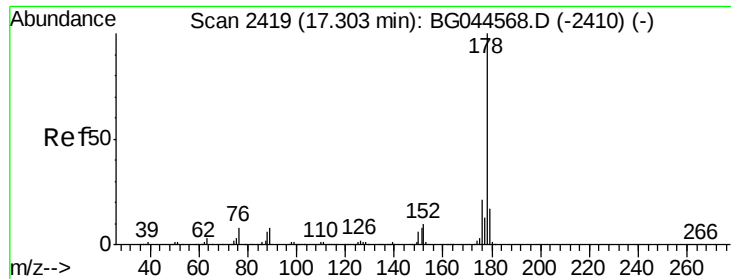
#70
 Pentachlorophenol
 Concen: 123.658 ng
 RT: 16.92 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG044572.D
 Acq: 24 Feb 2020 15:10

Tgt Ion:266 Resp: 243243
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.4 80.0
 264 64.3 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

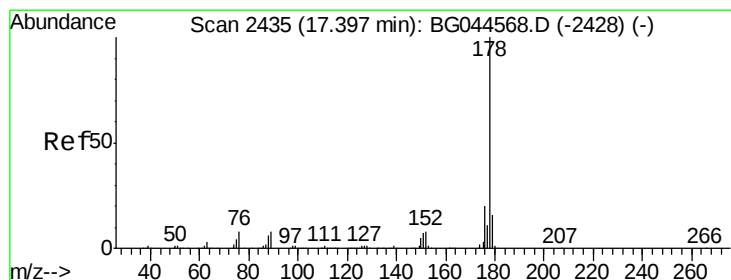
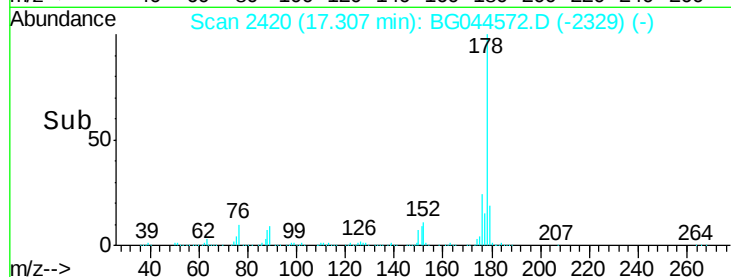
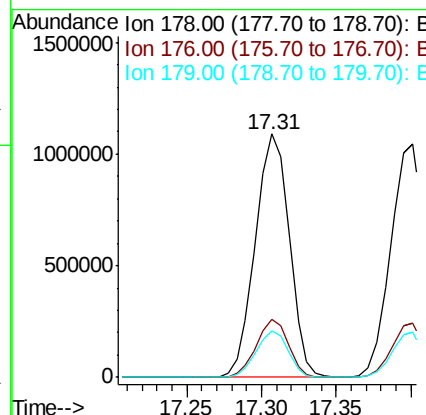
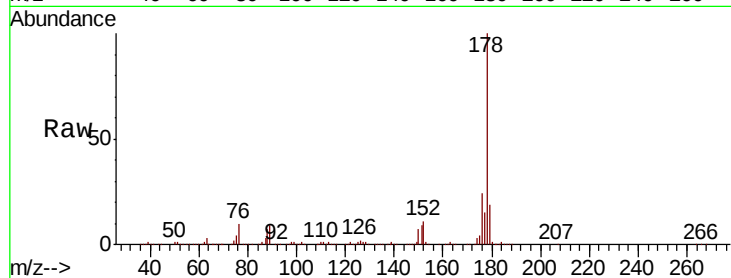




#71
Phenanthrene
Concen: 101.855 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

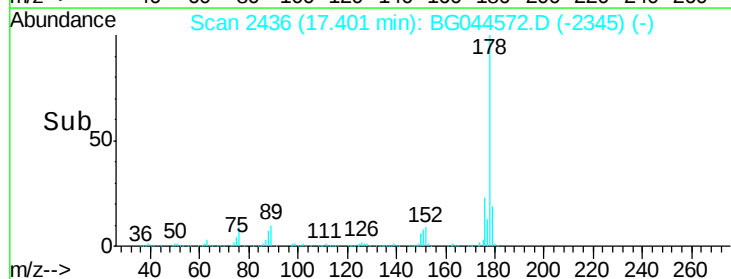
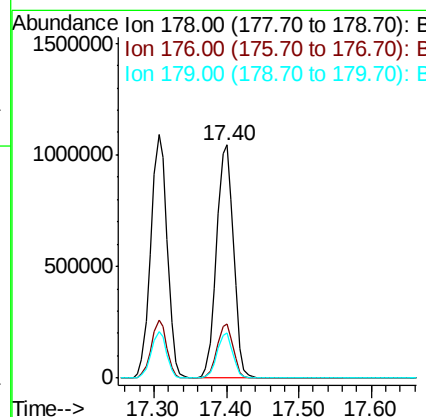
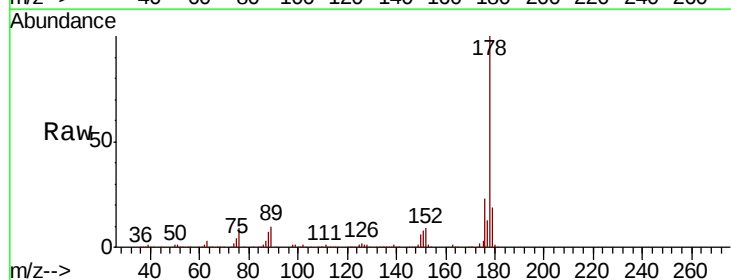
Instrument :
BNA_G
ClientSampled :

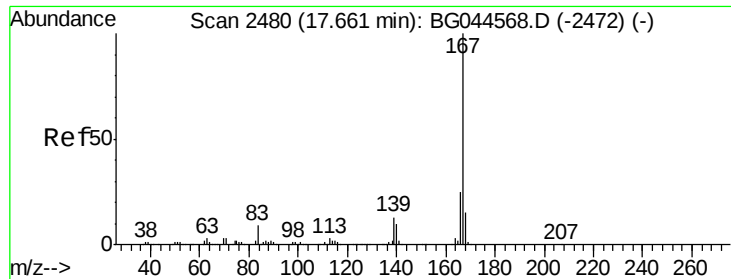
Tot Ion:178 Resp: 1715254
Ion Ratio Lower Upper
178 100
176 23.9 16.6 25.0
179 19.3 13.3 19.9



#72
Anthracene
Concen: 102.229 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:178 Resp: 1702031
Ion Ratio Lower Upper
178 100
176 23.4 15.9 23.9
179 19.2 13.1 19.7





#73

Carbazole

Concen: 102.681 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

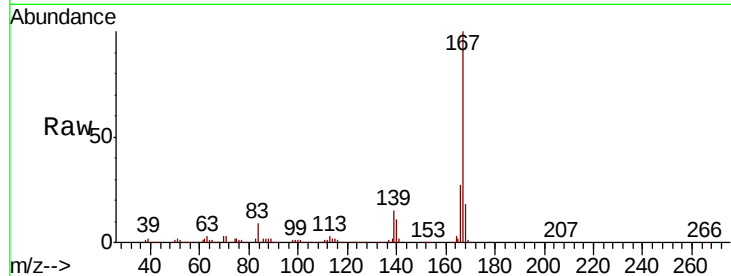
Tot Ion:167 Resp: 1576006

Ion Ratio Lower Upper

167 100

166 26.6 19.7 29.5

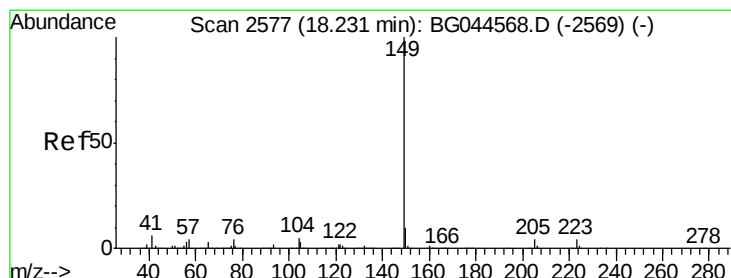
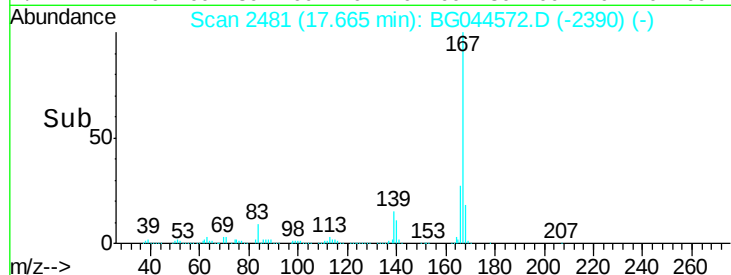
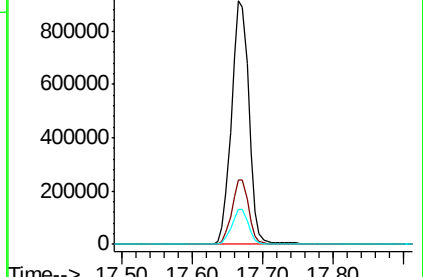
139 14.6 10.6 15.8



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: 99.662 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

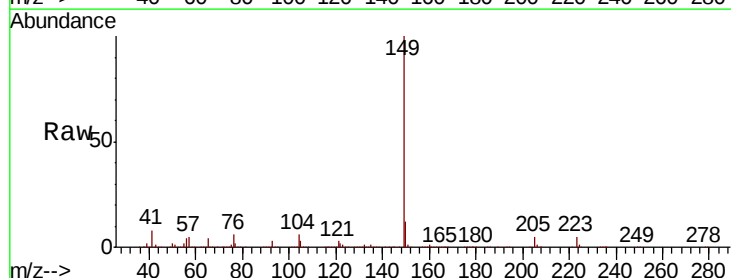
Tgt Ion:149 Resp: 1890321

Ion Ratio Lower Upper

149 100

150 12.3 7.8 11.8#

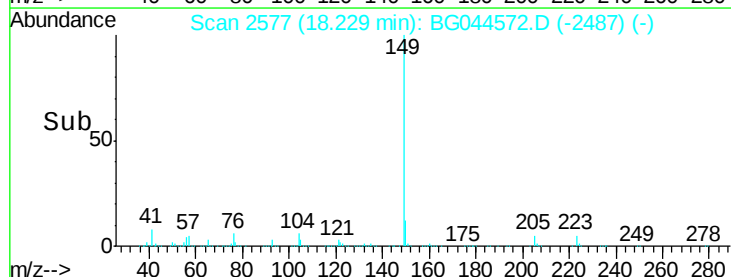
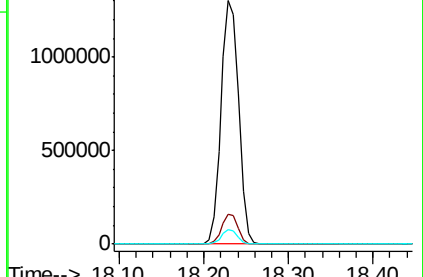
104 6.1 4.0 6.0#

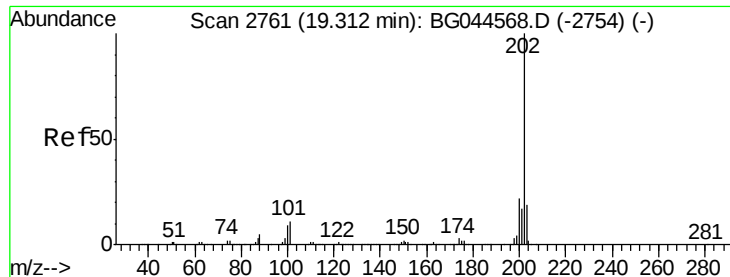


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 102.460 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

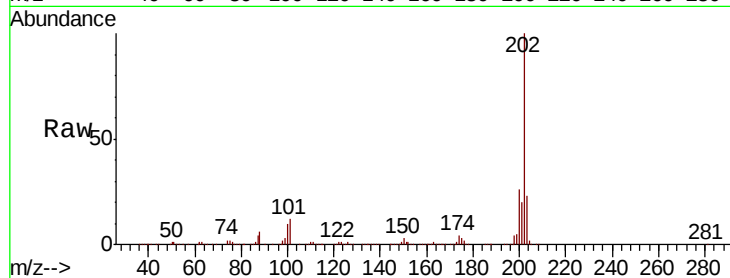
Tot Ion:202 Resp: 1996023

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.0

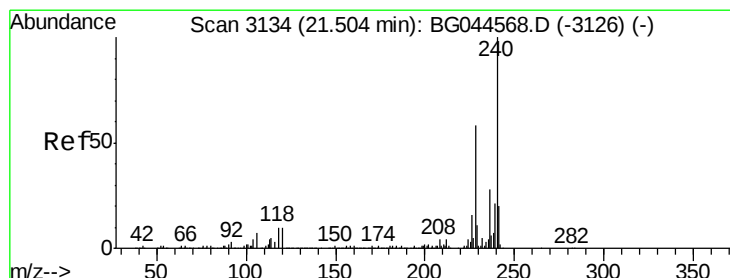
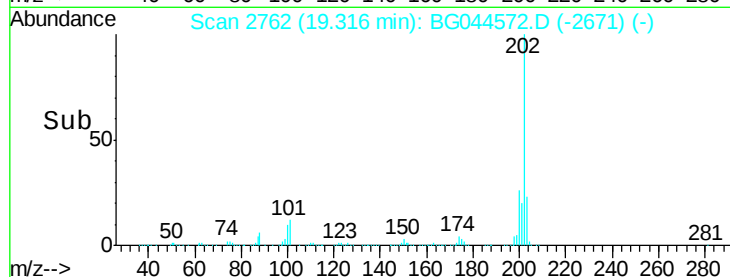
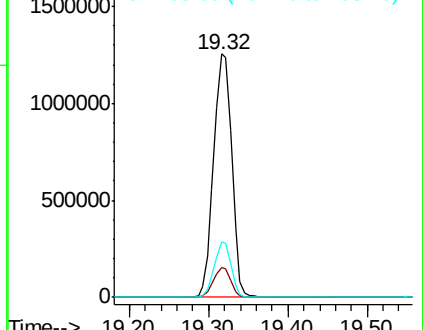
203 22.6 0.0 39.2



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: 21.51 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

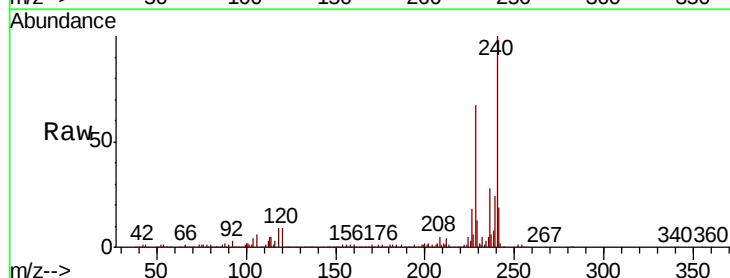
Tgt Ion:240 Resp: 317325

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

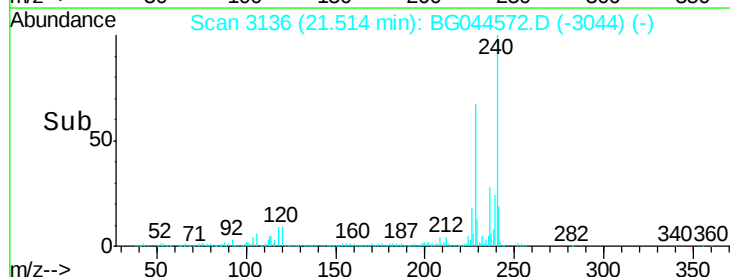
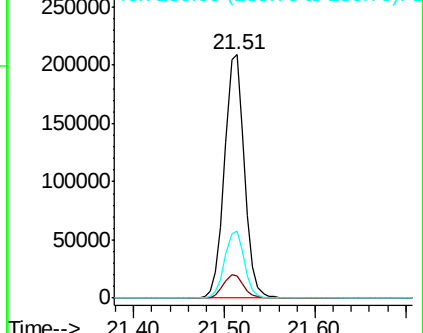
236 27.5 22.3 33.5

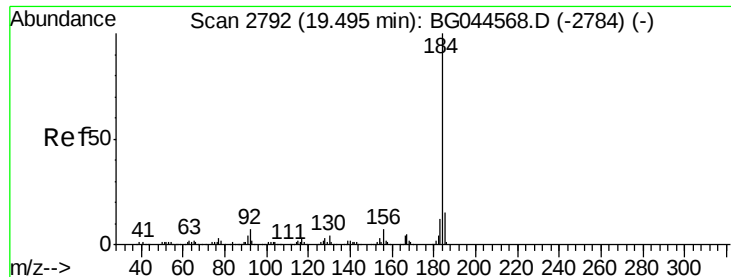


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.828 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.39 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

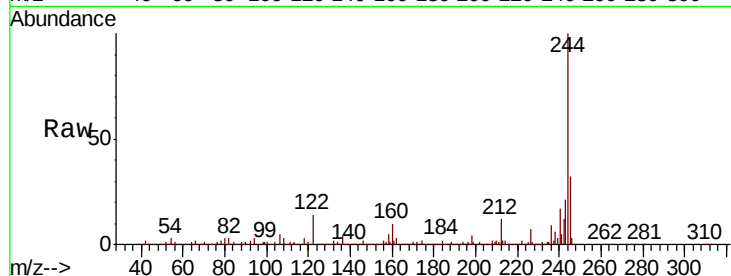
Tot Ion:184 Resp: 51297

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.4

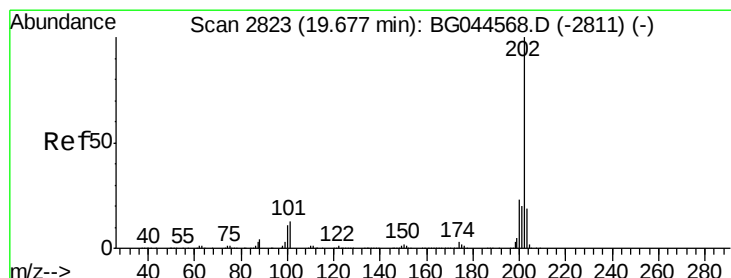
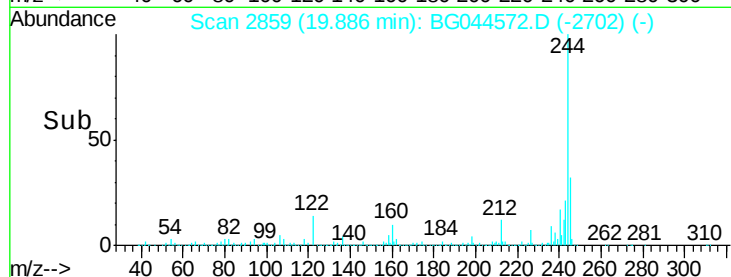
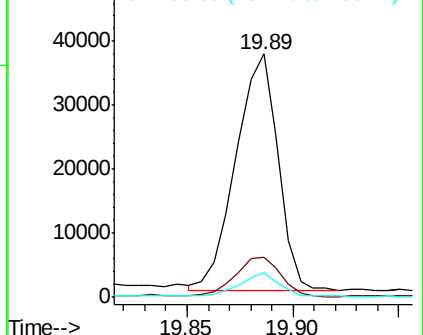
183 10.3 9.9 14.9



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: 97.946 ng

RT: 19.32 min Scan# 2762

Delta R.T. -0.36 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

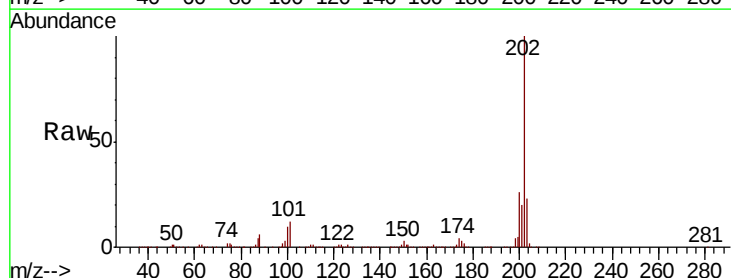
Tgt Ion:202 Resp: 1996023

Ion Ratio Lower Upper

202 100

200 26.1 18.6 28.0

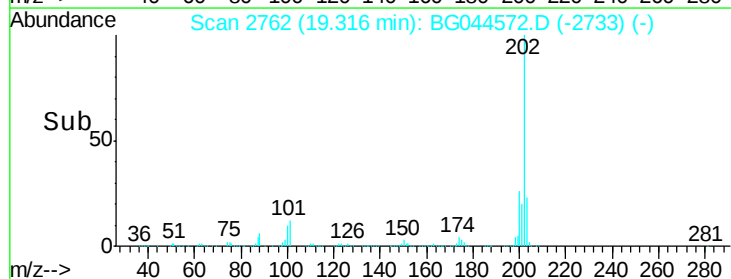
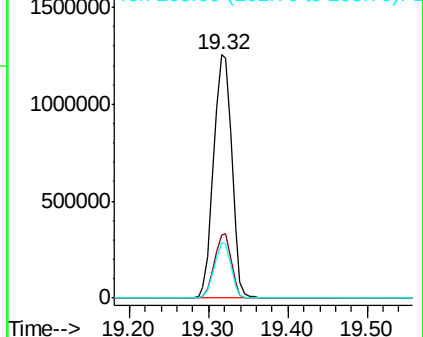
203 22.6 15.3 22.9

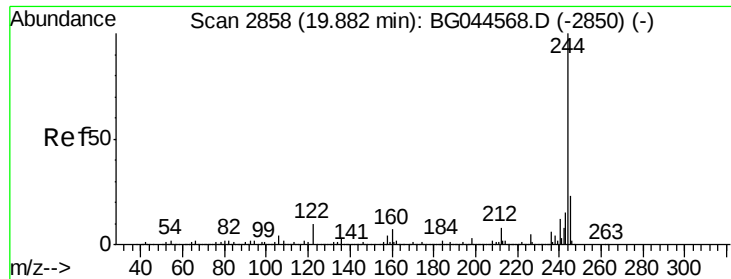


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 171.214 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

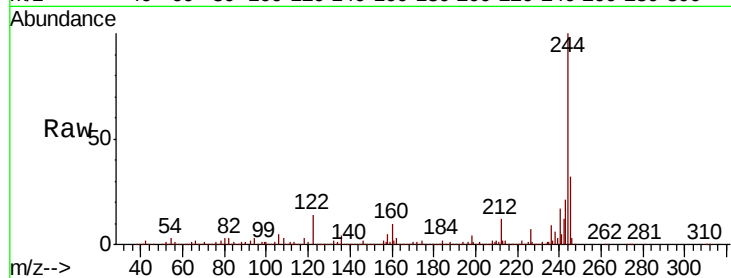
Tot Ion:244 Resp: 2641418

Ion Ratio Lower Upper

244 100

212 11.7 6.5 9.7#

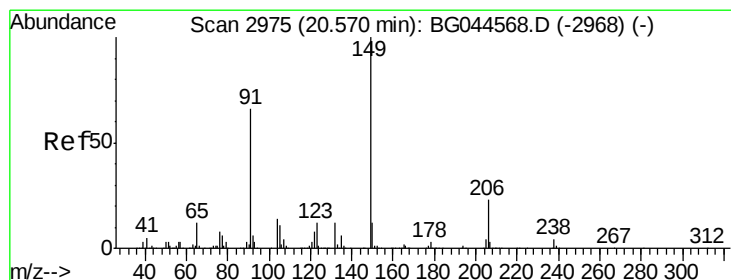
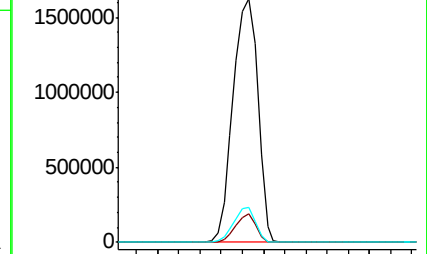
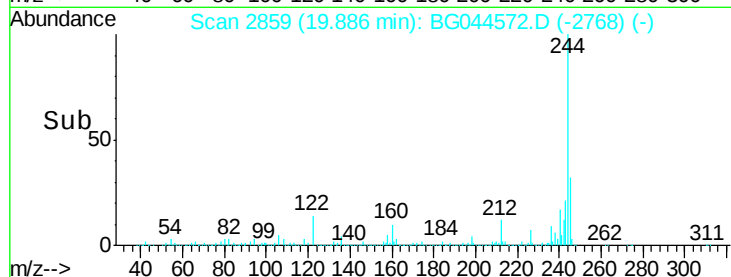
122 14.2 8.2 12.4#



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: 101.439 ng

RT: 20.57 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

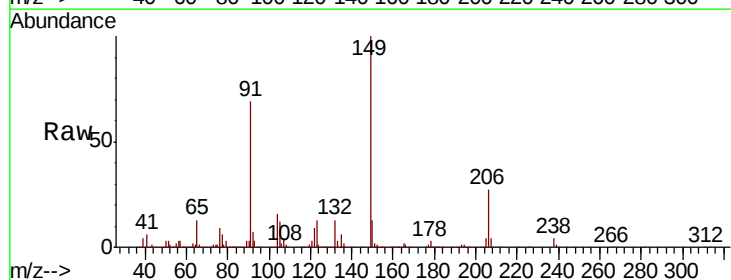
Tgt Ion:149 Resp: 942047

Ion Ratio Lower Upper

149 100

91 68.9 52.7 79.1

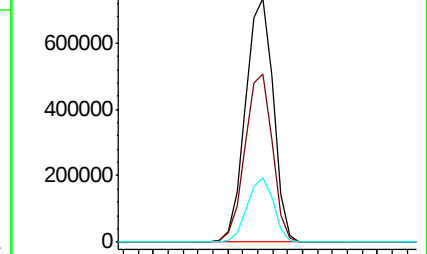
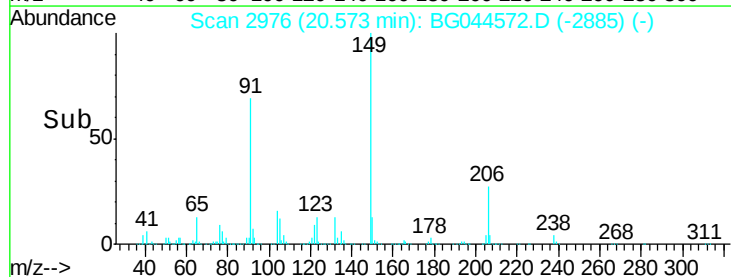
206 26.6 18.6 28.0

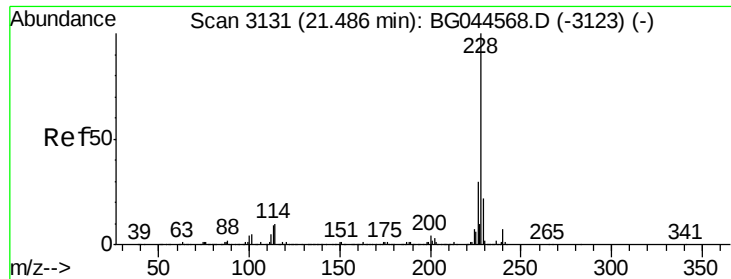


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 102.999 ng

RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

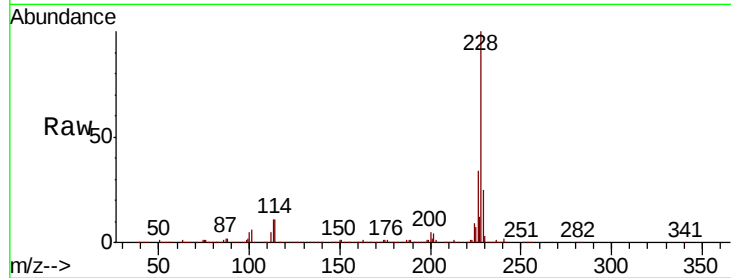
Tot Ion:228 Resp: 2014355

Ion Ratio Lower Upper

228 100

226 34.3 23.8 35.8

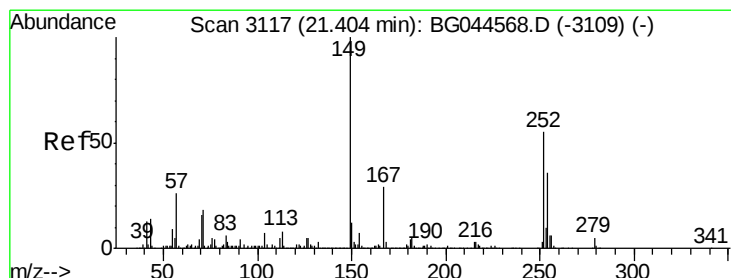
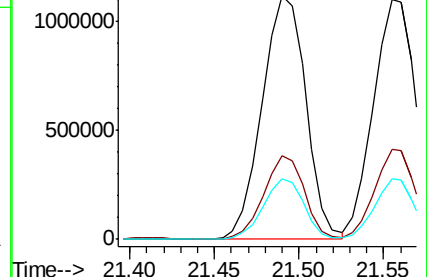
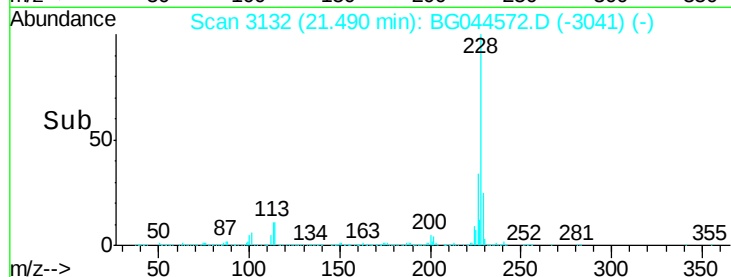
229 25.1 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 106.375 ng

RT: 21.41 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

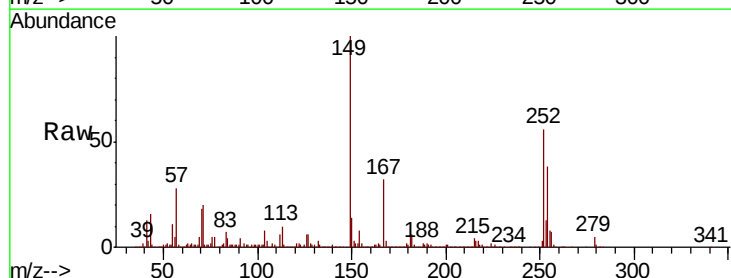
Tgt Ion:252 Resp: 807416

Ion Ratio Lower Upper

252 100

254 67.6 51.5 77.3

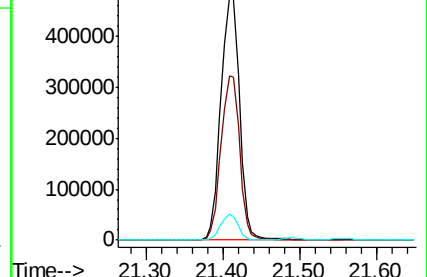
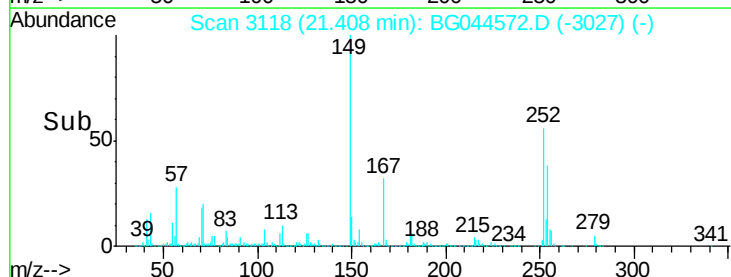
126 10.5 7.8 11.6

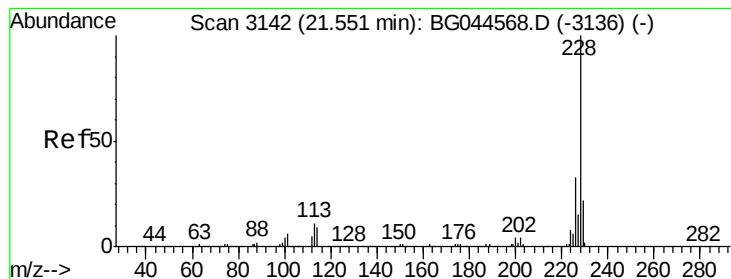


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 101.671 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampled :

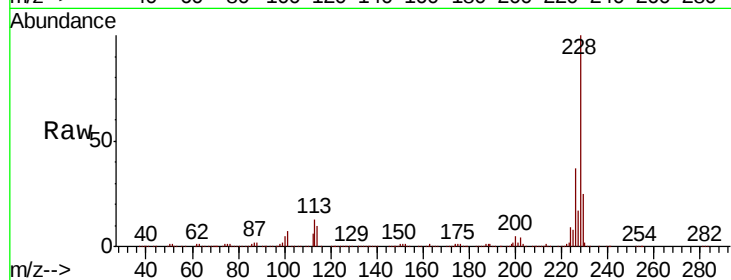
Tot Ion:228 Resp: 1921957

Ion Ratio Lower Upper

228 100

226 37.4 26.1 39.1

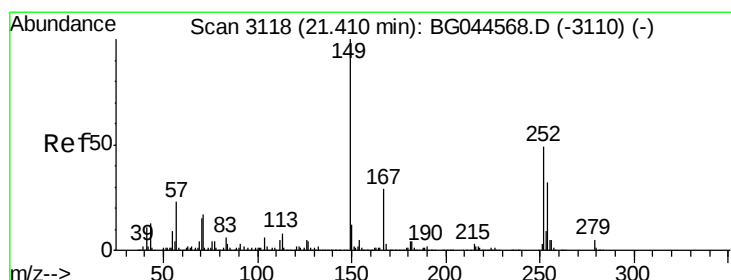
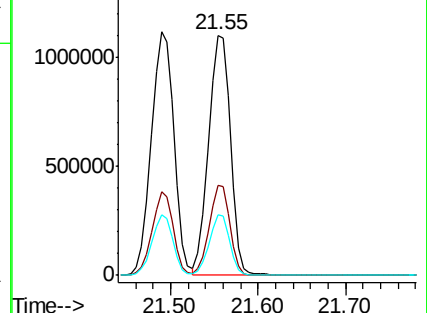
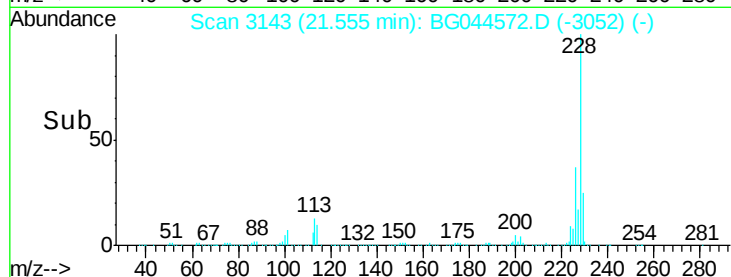
229 25.4 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 96.683 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

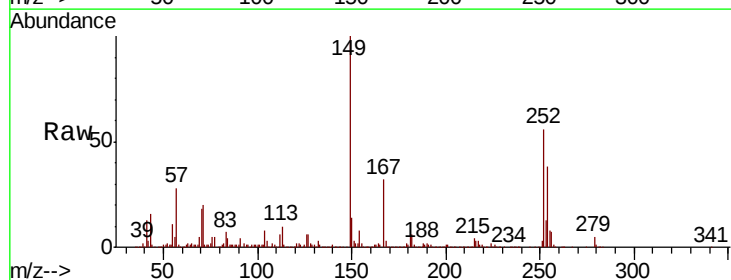
Tgt Ion:149 Resp: 1235851

Ion Ratio Lower Upper

149 100

167 32.4 23.4 35.0

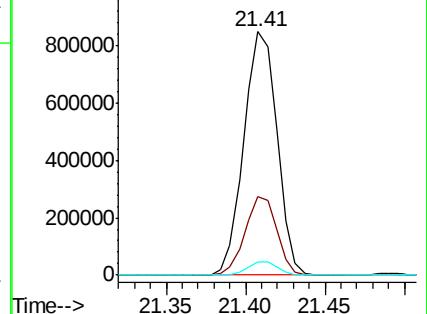
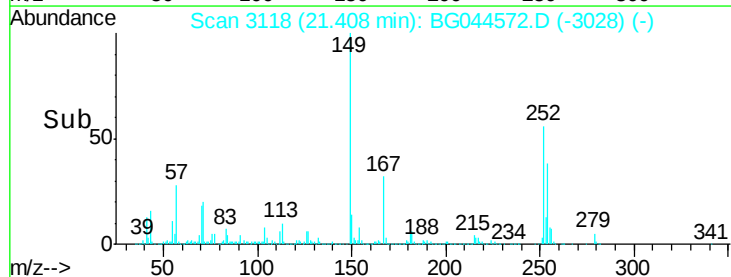
279 5.4 4.2 6.4

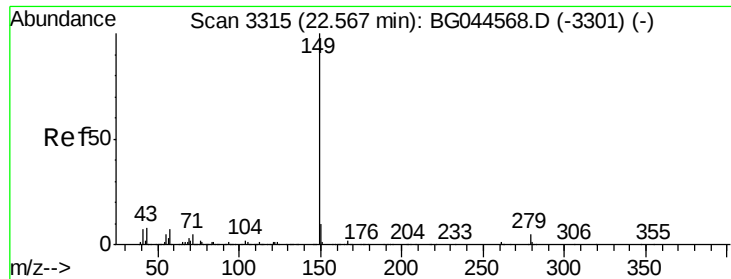


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 99.689 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

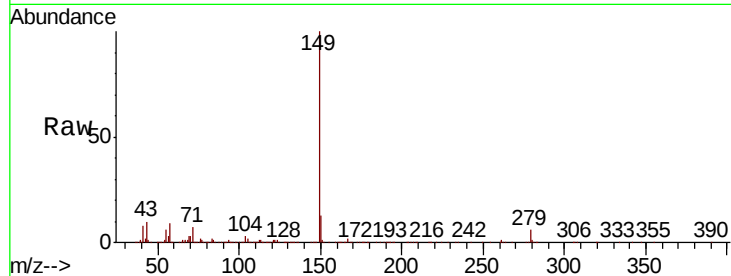
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 2204780

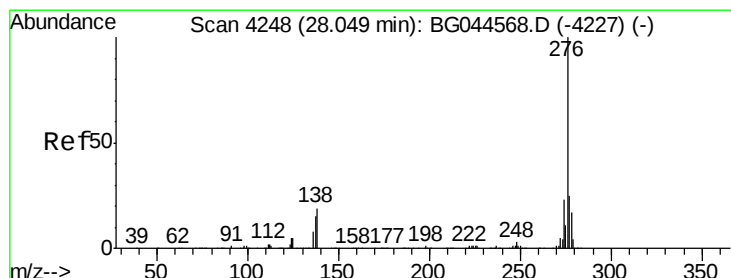
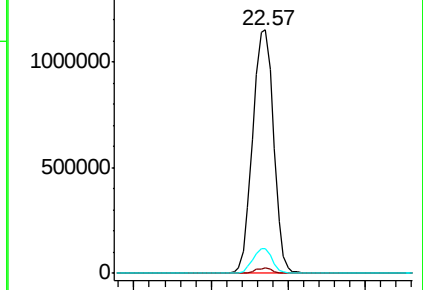
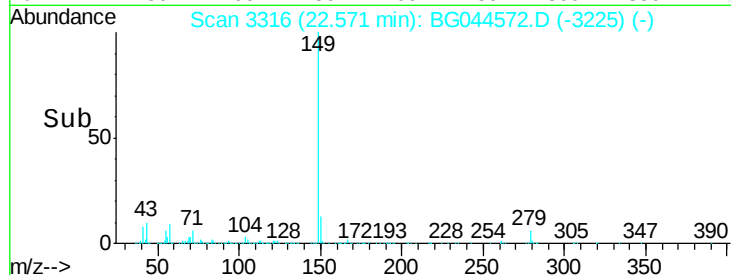
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.3	1.9
43	9.4	6.6	10.0



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: 111.506 ng

RT: 28.07 min Scan# 4252

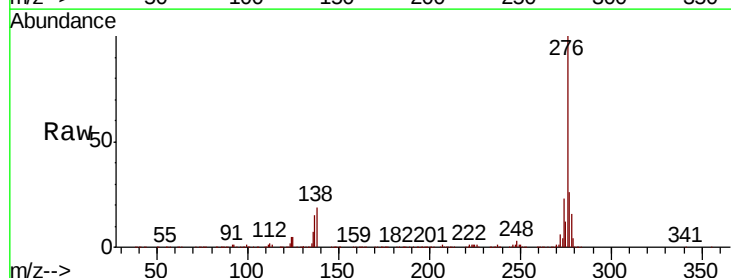
Delta R.T. 0.02 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Tgt Ion:276 Resp: 2750029

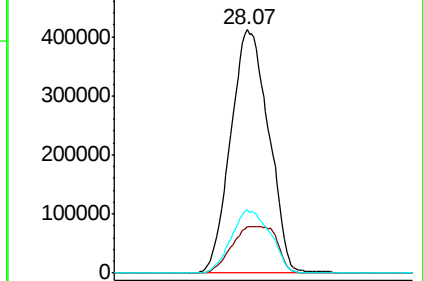
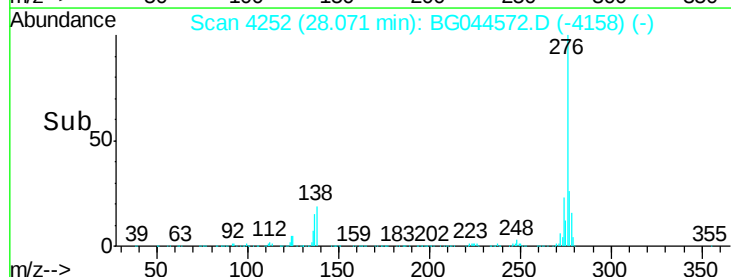
Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	26.7	20.7	31.1

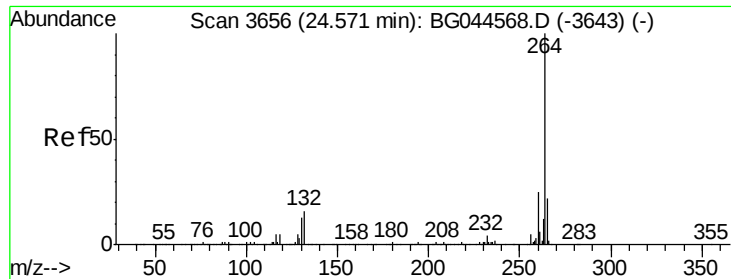


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.57 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

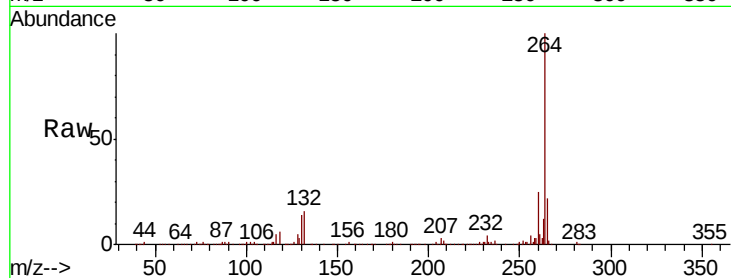
Tot Ion:264 Resp: 363578

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

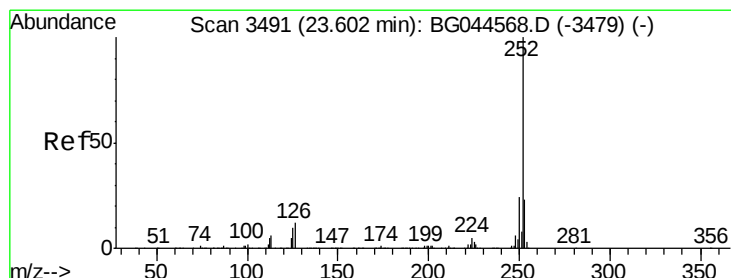
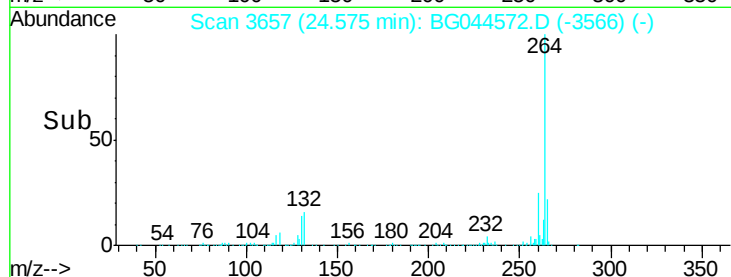
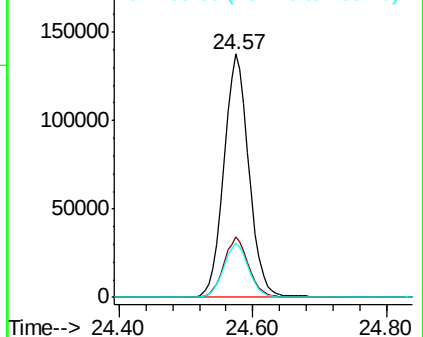
265 22.1 17.8 26.8



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: 108.224 ng

RT: 23.62 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

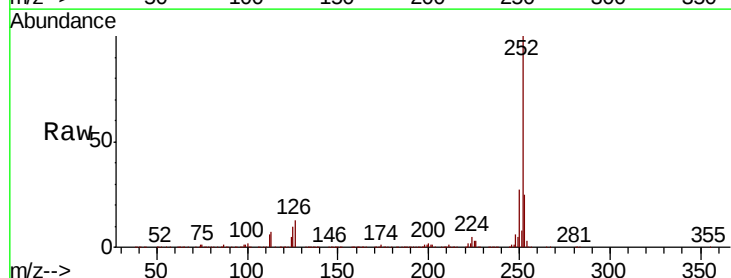
Tgt Ion:252 Resp: 2267370

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

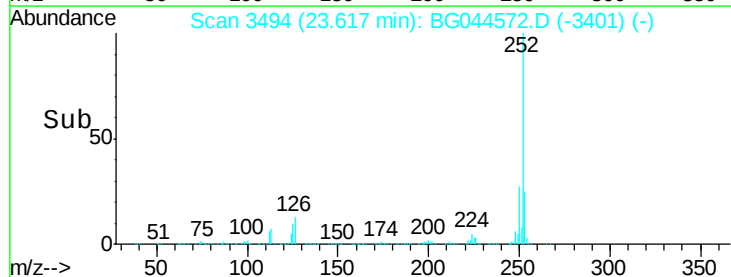
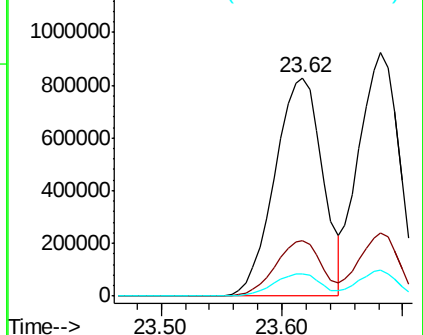
125 10.4 7.9 11.9

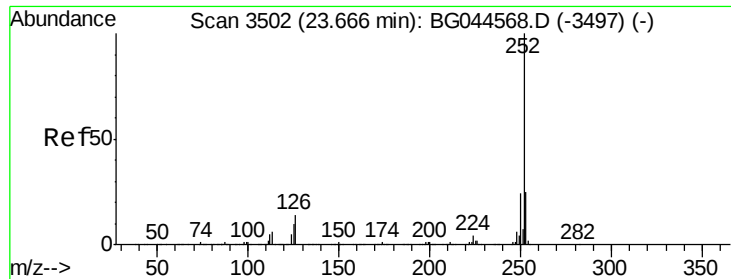


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

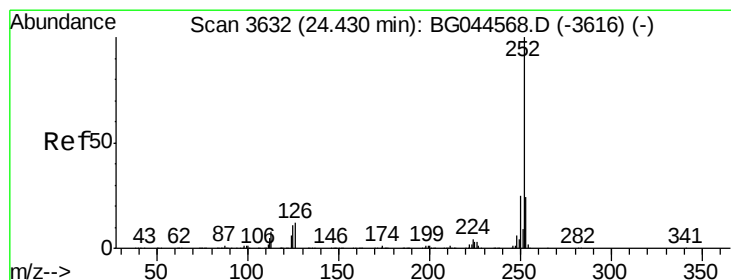
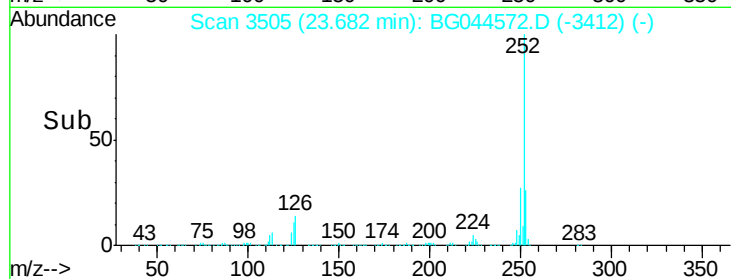
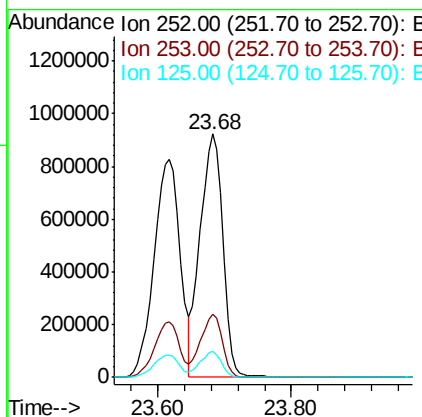
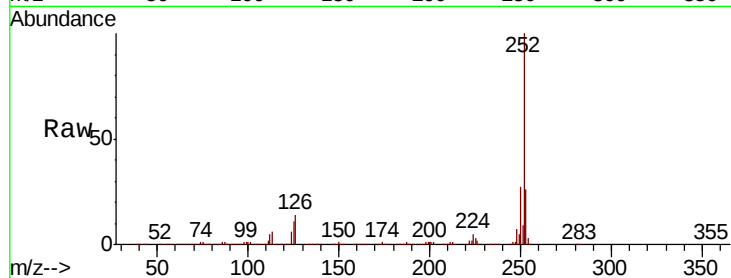




#89
Benzo(k)fluoranthene
Concen: 105.818 ng
RT: 23.68 min Scan# 3505
Delta R.T. 0.02 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

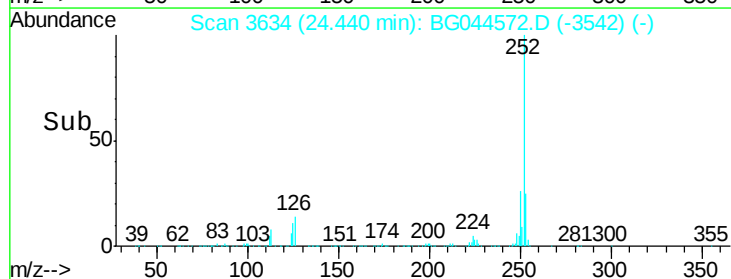
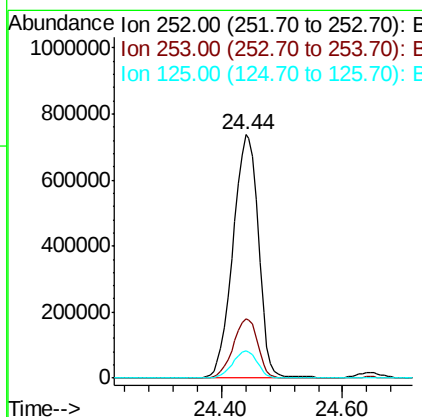
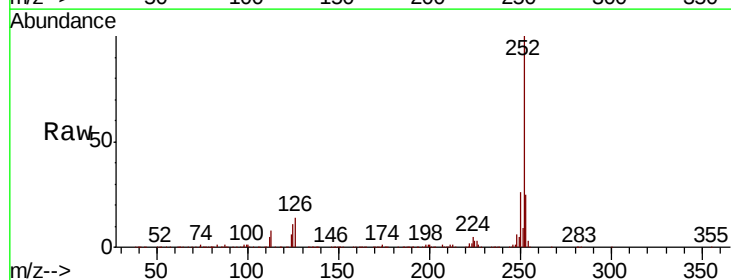
Instrument :
BNA_G
ClientSampleId :

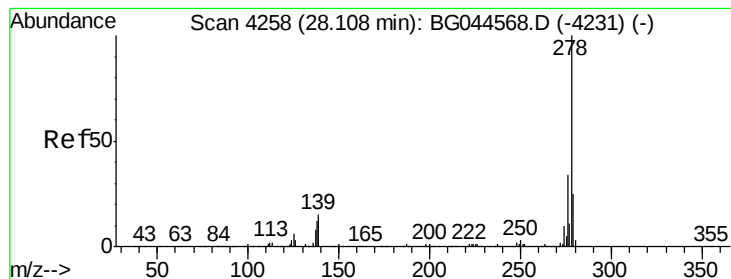
Tot Ion:252 Resp: 2160730
Ion Ratio Lower Upper
252 100
253 25.8 19.0 28.6
125 10.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 108.996 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.01 min
Lab File: BG044572.D
Acq: 24 Feb 2020 15:10

Tgt Ion:252 Resp: 2159061
Ion Ratio Lower Upper
252 100
253 24.5 19.0 28.4
125 11.0 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 111.127 ng

RT: 28.13 min Scan# 4262

Delta R.T. 0.02 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

Instrument :

BNA_G

ClientSampleId :

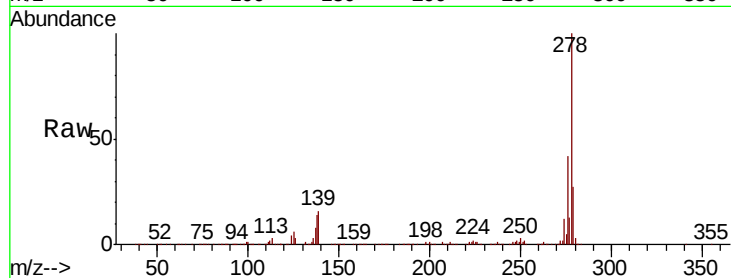
Tot Ion:278 Resp: 2178526

Ion Ratio Lower Upper

278 100

139 15.8 11.7 17.5

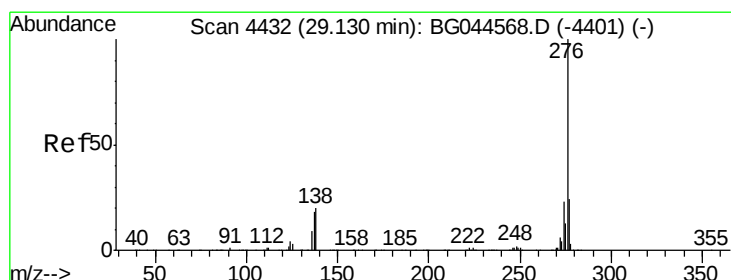
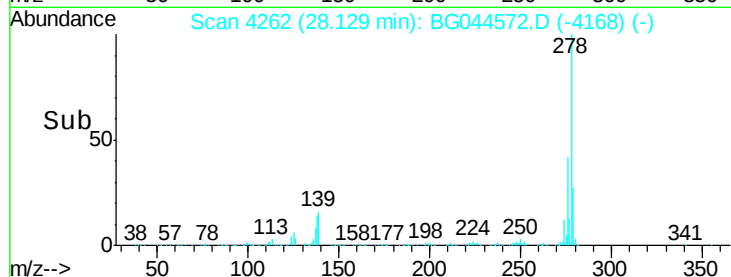
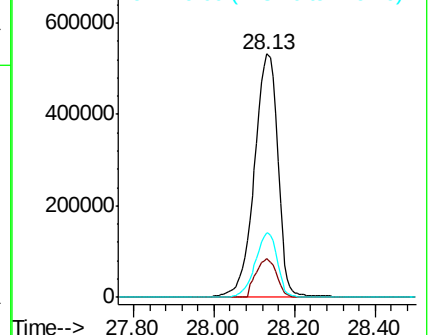
279 26.6 19.8 29.6



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: 112.440 ng

RT: 29.17 min Scan# 4439

Delta R.T. 0.04 min

Lab File: BG044572.D

Acq: 24 Feb 2020 15:10

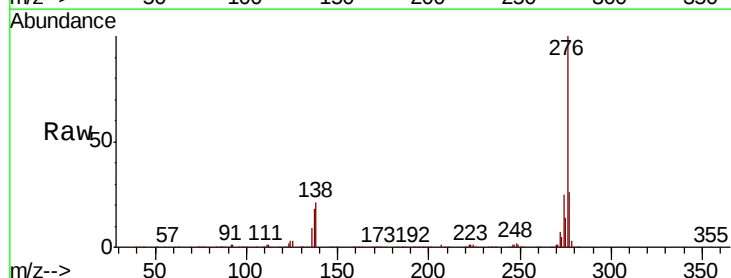
Tgt Ion:276 Resp: 2206614

Ion Ratio Lower Upper

276 100

277 25.8 19.5 29.3

138 20.5 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

