

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044583.D
 Acq On : 25 Feb 2020 19:16
 Operator : CG/JU
 Sample : L1655-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:01:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62452	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	257310	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	174083	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	407512	20.00	ng	0.00
76) Chrysene-d12	21.50	240	377403	20.00	ng	0.00
87) Perylene-d12	24.57	264	428570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	422059	108.43	ng	0.00
7) Phenol-d6	7.05	99	548368	102.92	ng	0.00
23) Nitrobenzene-d5	9.03	82	325835	65.24	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	247378	100.22	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	776804	63.90	ng	0.00
79) Terphenyl-d14	19.88	244	1376826	69.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	69024	40.638	ng	98
3) Pyridine	3.72	79	165031	34.821	ng	98
4) n-Nitrosodimethylamine	3.64	42	84251	46.805	ng	98
6) Aniline	7.20	93	159653	24.612	ng	98
8) 2-Chlorophenol	7.44	128	205095	48.269	ng	98
9) Benzaldehyde	7.01	77	79400	25.344	ng	99
10) Phenol	7.08	94	251172	48.647	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	183249	42.218	ng	99
12) 1,3-Dichlorobenzene	7.77	146	216330	42.687	ng	99
13) 1,4-Dichlorobenzene	7.91	146	215281	42.269	ng	99
14) 1,2-Dichlorobenzene	8.23	146	205736	42.477	ng	97
15) Benzyl Alcohol	8.11	79	160105	44.557	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	238532	40.891	ng	98
17) 2-Methylphenol	8.32	107	168443	45.667	ng	97
18) Hexachloroethane	8.96	117	78277	42.055	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	143322	41.849	ng	99
20) 3+4-Methylphenols	8.66	107	233683	46.275	ng	98
22) Acetophenone	8.69	105	273349	42.313	ng	# 99
24) Nitrobenzene	9.08	77	204995	42.365	ng	98
25) Isophorone	9.60	82	396449	42.431	ng	100
26) 2-Nitrophenol	9.79	139	115493	44.011	ng	98
27) 2,4-Dimethylphenol	9.86	122	190461	51.691	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	249907	40.446	ng	99
29) 2,4-Dichlorophenol	10.33	162	202100	45.878	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	204554	40.152	ng	98
31) Naphthalene	10.72	128	593418	42.265	ng	99
32) Benzoic acid	10.03	122	73749	51.172	ng	94
33) 4-Chloroaniline	10.84	127	71816	11.613	ng	97
34) Hexachlorobutadiene	11.02	225	122983	38.440	ng	99
35) Caprolactam	11.61	113	36375	23.066	ng	96
36) 4-Chloro-3-methylphenol	11.97	107	213612	47.109	ng	98
37) 2-Methylnaphthalene	12.34	142	441098	42.508	ng	97
38) 1-Methylnaphthalene	12.55	142	421174	42.716	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	225387	38.458	ng	99

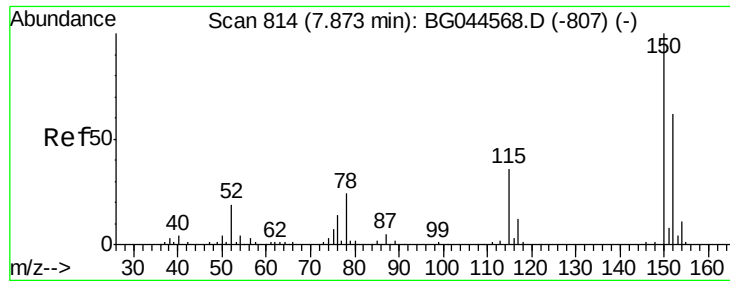
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044583.D
 Acq On : 25 Feb 2020 19:16
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	227709	81.357	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	164092	43.122	ng	98
44) 2,4,5-Trichlorophenol	13.03	196	179923	46.028	ng	97
46) 1,1'-Biphenyl	13.35	154	569046	39.500	ng	99
47) 2-Chloronaphthalene	13.39	162	445894	39.471	ng	99
48) 2-Nitroaniline	13.59	65	133844	42.682	ng	97
49) Acenaphthylene	14.23	152	720599	43.213	ng	100
50) Dimethylphthalate	13.98	163	617436	43.943	ng	100
51) 2,6-Dinitrotoluene	14.09	165	135118	43.603	ng	93
52) Acenaphthene	14.58	154	438151	41.220	ng	99
53) 3-Nitroaniline	14.42	138	68573	20.518	ng	97
54) 2,4-Dinitrophenol	14.63	184	137951	75.336	ng	99
55) Dibenzofuran	14.92	168	694139	42.596	ng	99
56) 4-Nitrophenol	14.75	139	250195	108.833	ng	98
57) 2,4-Dinitrotoluene	14.88	165	190631	43.756	ng	96
58) Fluorene	15.56	166	558703	43.241	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	165677	46.025	ng	99
60) Diethylphthalate	15.34	149	608419	43.702	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	296317	42.178	ng	98
62) 4-Nitroaniline	15.59	138	138965	41.526	ng	97
63) Azobenzene	15.85	77	526684	44.452	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	117650	46.626	ng	98
66) n-Nitrosodiphenylamine	15.77	169	525900	41.372	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	203164	40.164	ng	99
68) Hexachlorobenzene	16.58	284	220247	38.511	ng	98
69) Atrazine	16.73	200	213877	45.513	ng	99
70) Pentachlorophenol	16.92	266	242487	86.045	ng	97
71) Phenanthrene	17.31	178	937187	41.540	ng	99
72) Anthracene	17.40	178	967318	43.507	ng	99
73) Carbazole	17.67	167	888928	43.924	ng	99
74) Di-n-butylphthalate	18.23	149	1081745	42.655	ng	99
75) Fluoranthene	19.32	202	1160889	43.466	ng	99
77) Benzidine	19.49	184	387052	29.939	ng	100
78) Pyrene	19.67	202	1156860	42.227	ng	98
80) Butylbenzylphthalate	20.57	149	498655	41.612	ng	99
81) Benzo(a)anthracene	21.48	228	1125453	42.430	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	209607	20.002	ng	99
83) Chrysene	21.55	228	1064254	41.498	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	720912	43.660	ng	99
85) Di-n-octyl phthalate	22.57	149	1247643	42.947	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1394417	42.367	ng	99
88) Benzo(b)fluoranthene	23.61	252	1181547	41.932	ng	98
89) Benzo(k)fluoranthene	23.67	252	1174117	42.944	ng	99
90) Benzo(a)pyrene	24.43	252	1102766	41.654	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1148938	43.881	ng	100
92) Benzo(g,h,i)perylene	29.13	276	1176511	44.849	ng	99

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

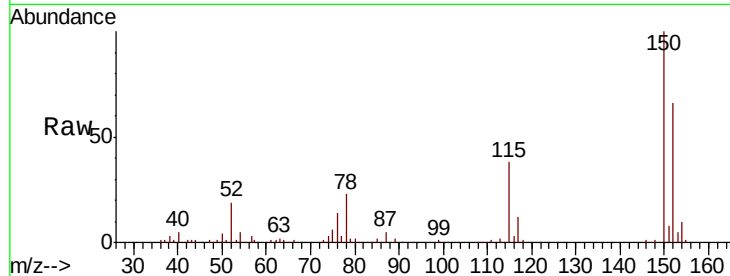


#1

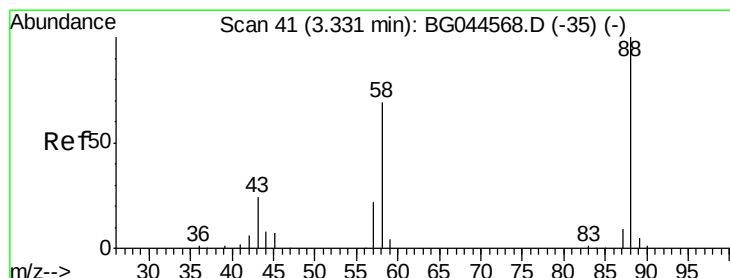
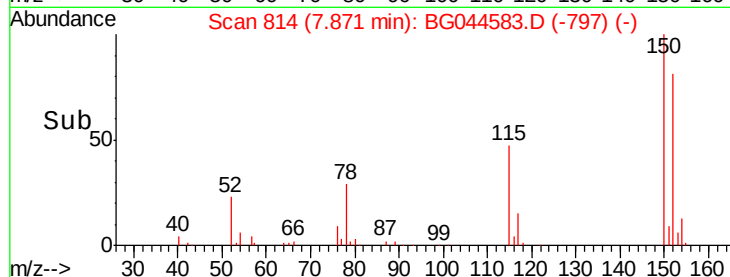
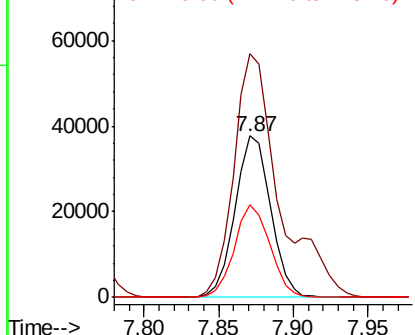
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62452
Ion Ratio Lower Upper
152 100
150 151.0 128.9 193.3
115 57.4 47.0 70.4



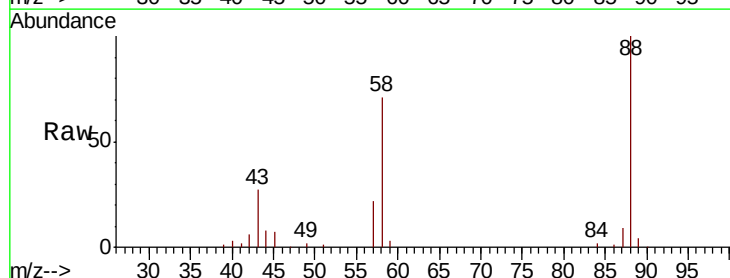
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



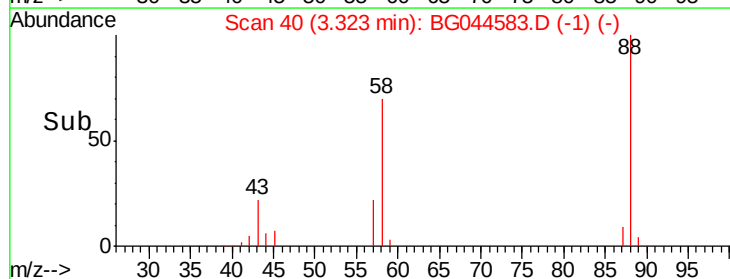
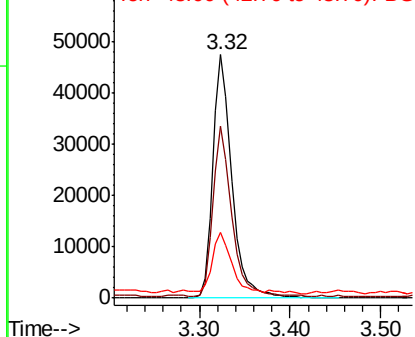
#2

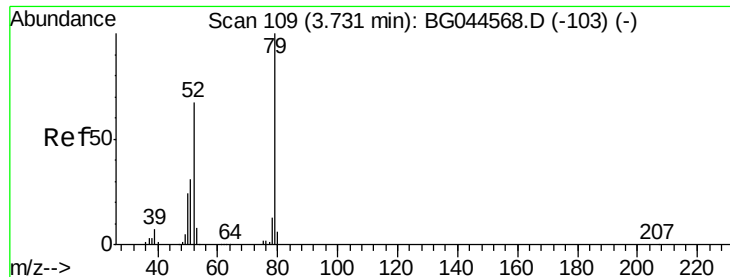
1,4-Dioxane
Concen: 40.638 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion: 88 Resp: 69024
Ion Ratio Lower Upper
88 100
58 67.9 55.8 83.8
43 26.9 20.6 31.0



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





#3

Pvridine

Concen: 34.821 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

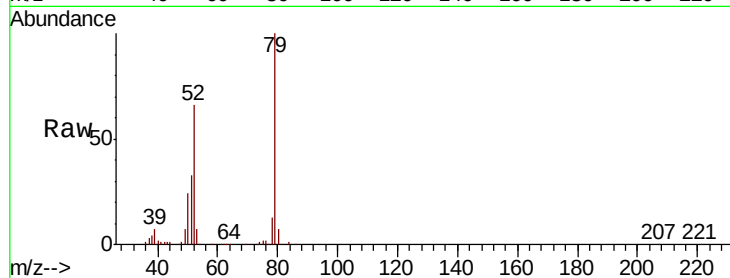
Tot Ion: 79 Resp: 165031

Ion Ratio Lower Upper

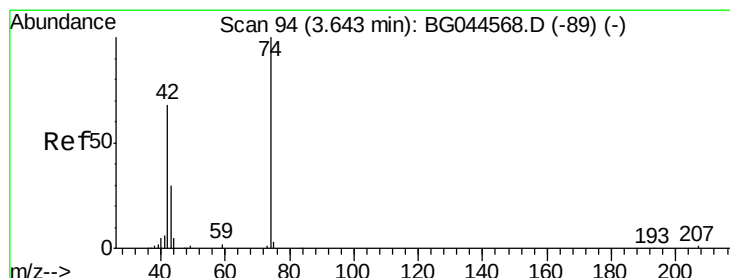
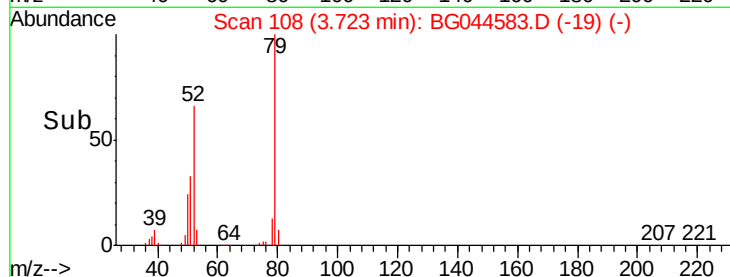
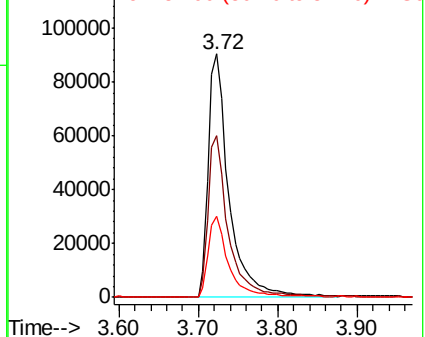
79 100

52 66.3 53.7 80.5

51 33.4 25.4 38.0



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



#4

n-Nitrosodimethylamine

Concen: 46.805 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

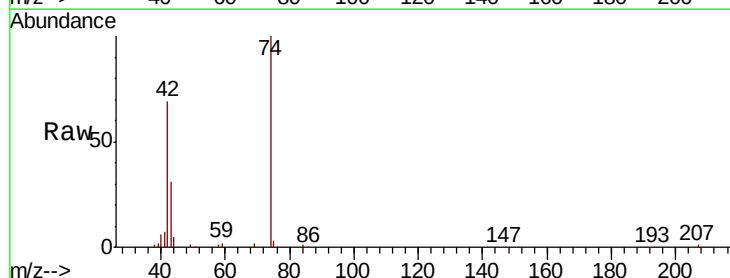
Tgt Ion: 42 Resp: 84251

Ion Ratio Lower Upper

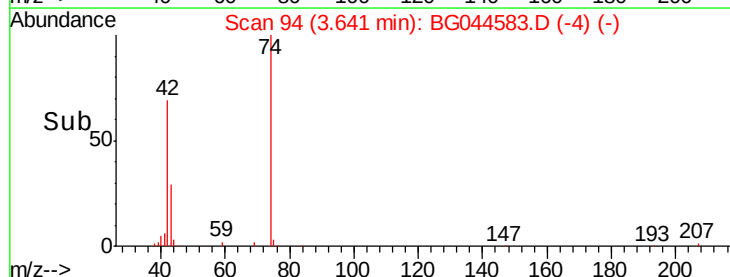
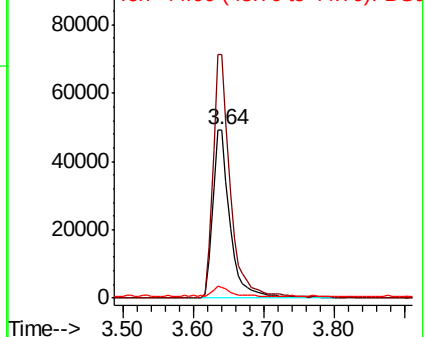
42 100

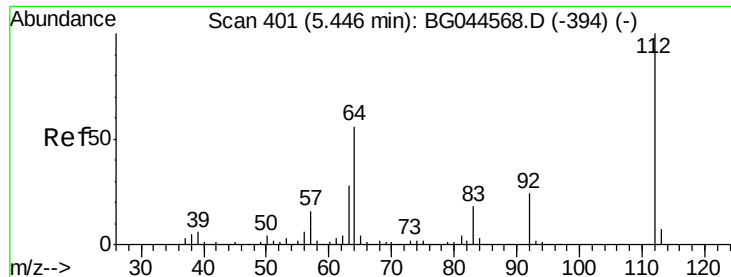
74 144.3 117.6 176.4

44 6.6 6.3 9.5



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





#5

2-Fluorophenol

Concen: 108.432 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampled :

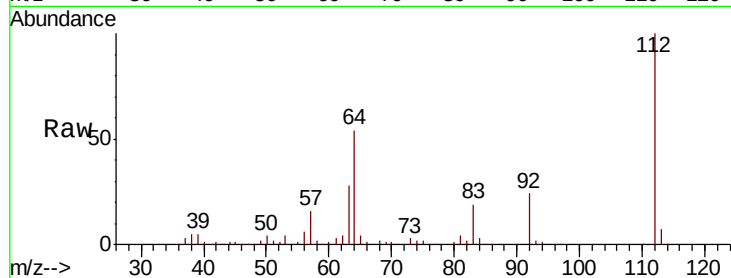
Tot Ion:112 Resp: 422059

Ion Ratio Lower Upper

112 100

64 54.4 44.8 67.2

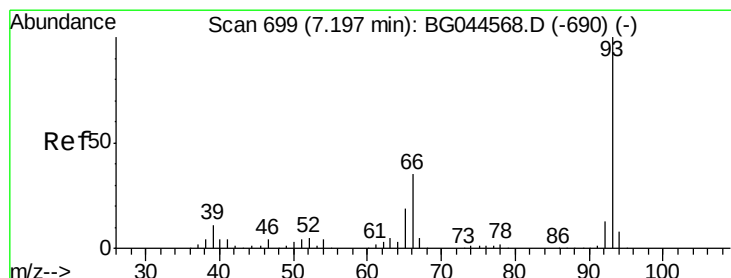
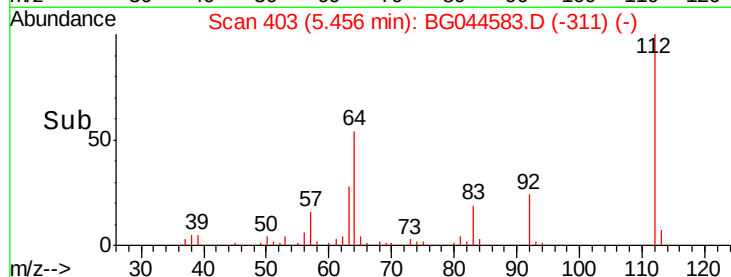
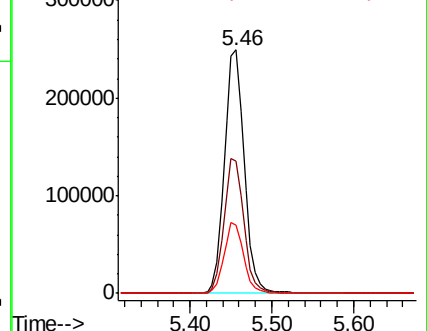
63 28.2 22.3 33.5



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: 24.612 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

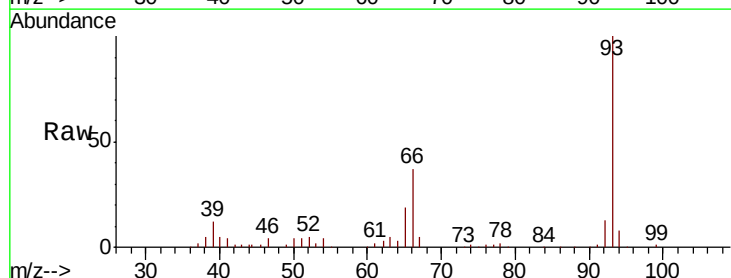
Tgt Ion: 93 Resp: 159653

Ion Ratio Lower Upper

93 100

66 36.5 27.8 41.8

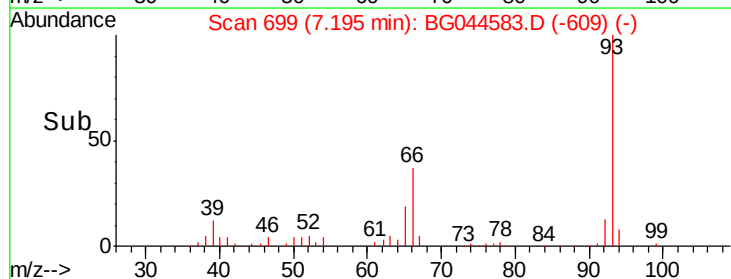
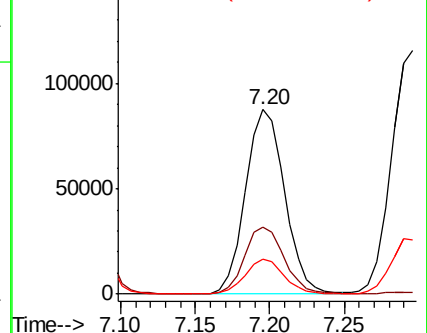
65 19.0 14.9 22.3

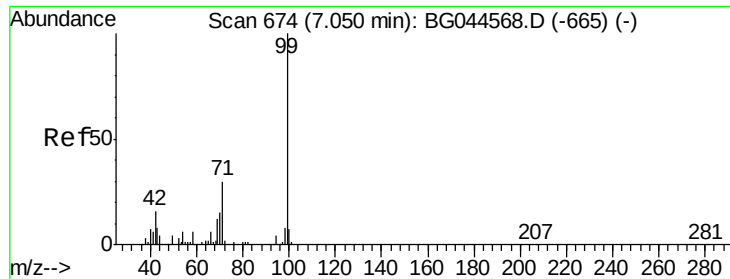


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.923 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

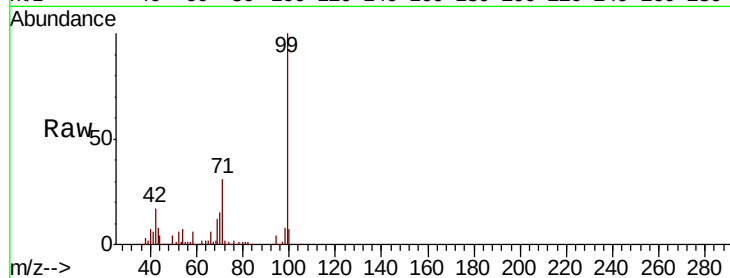
Tot Ion: 99 Resp: 548368

Ion Ratio Lower Upper

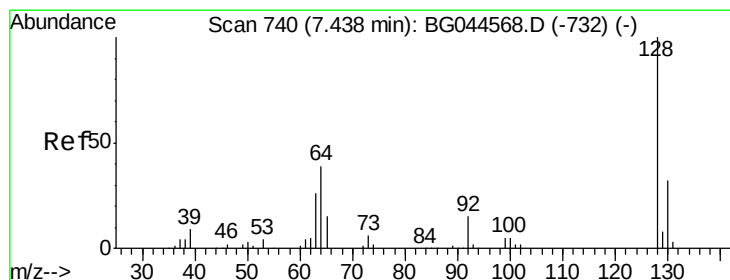
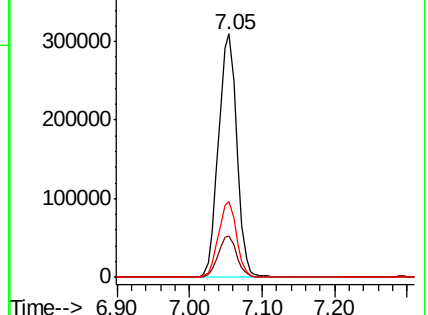
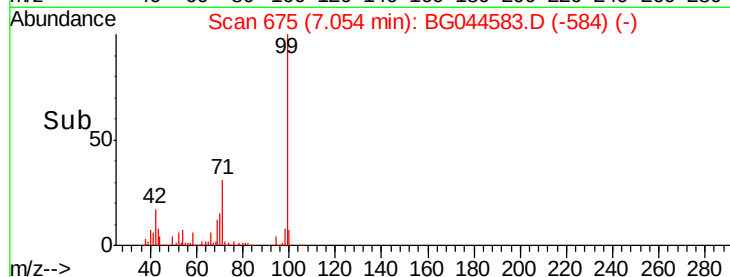
99 100

42 16.8 12.8 19.2

71 31.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.269 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

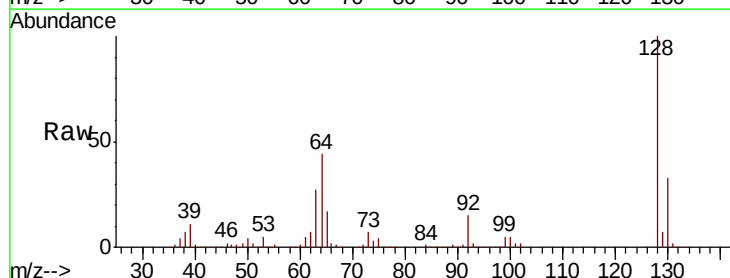
Tgt Ion: 128 Resp: 205095

Ion Ratio Lower Upper

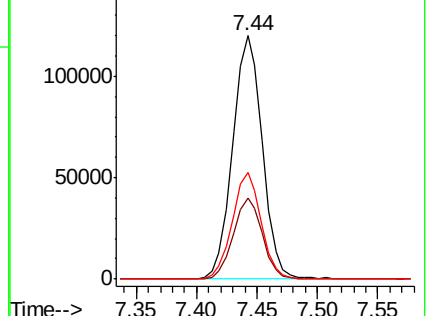
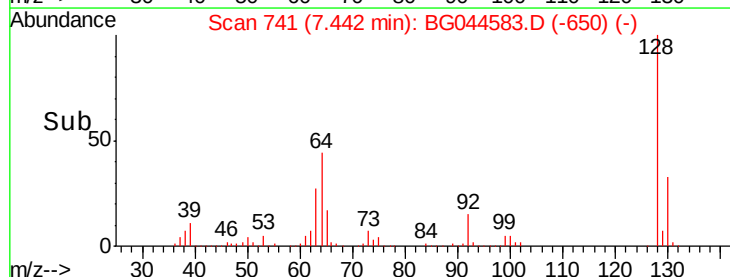
128 100

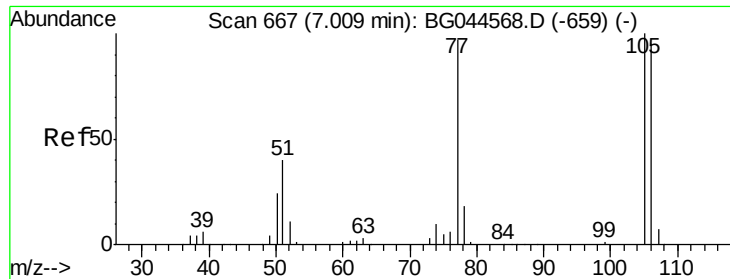
130 33.2 12.3 52.3

64 43.7 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.344 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

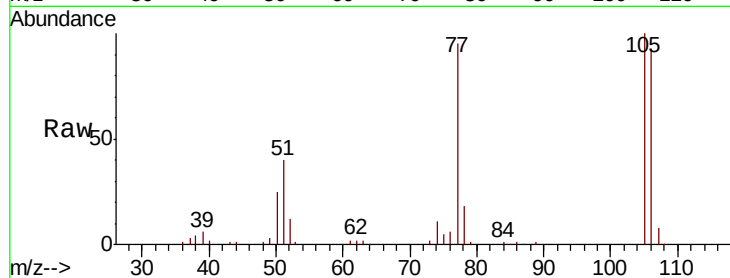
Tot Ion: 77 Resp: 79400

Ion Ratio Lower Upper

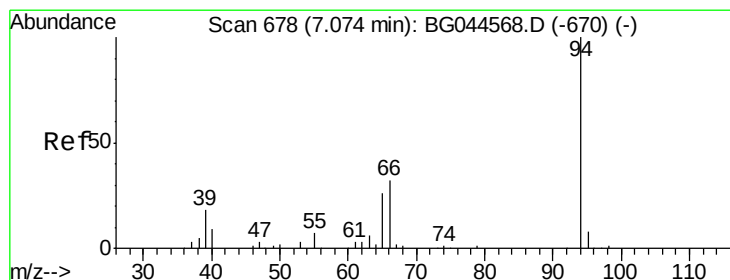
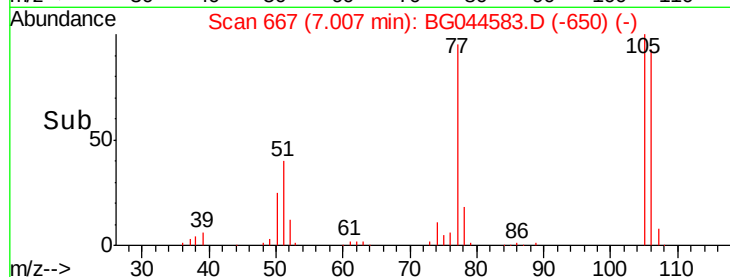
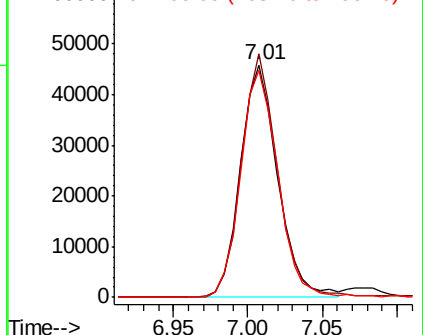
77 100

105 104.8 83.6 123.6

106 97.8 78.2 118.2



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



#10

Phenol

Concen: 48.647 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

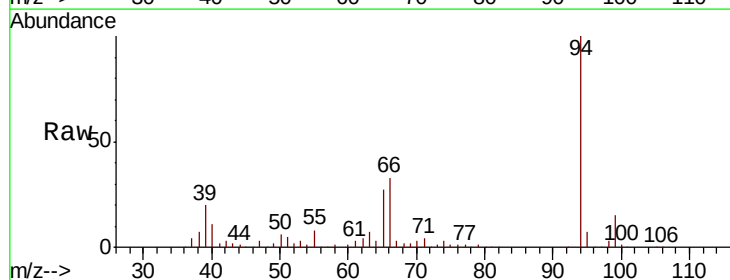
Tgt Ion: 94 Resp: 251172

Ion Ratio Lower Upper

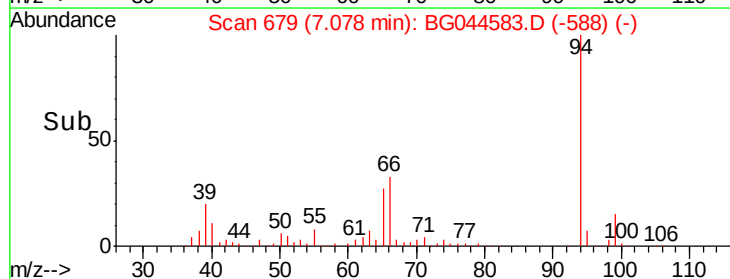
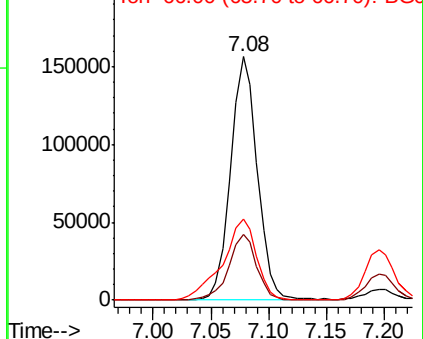
94 100

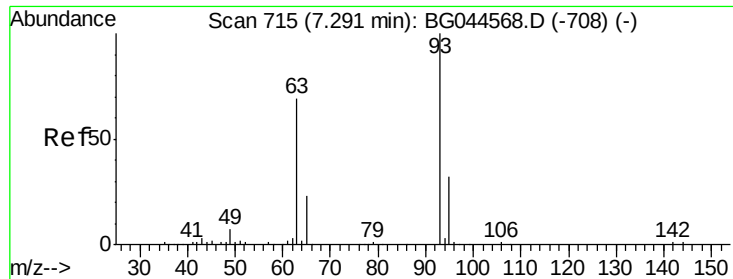
65 26.7 6.4 46.4

66 33.5 13.9 53.9



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

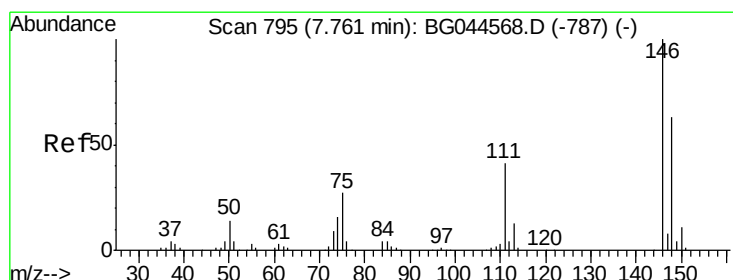
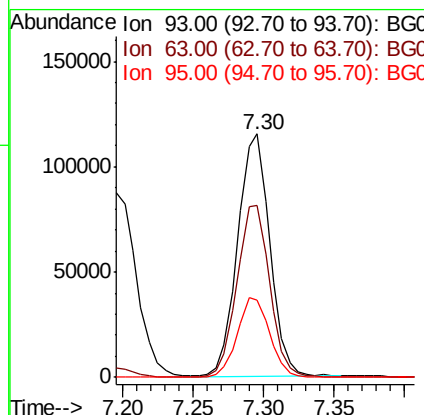
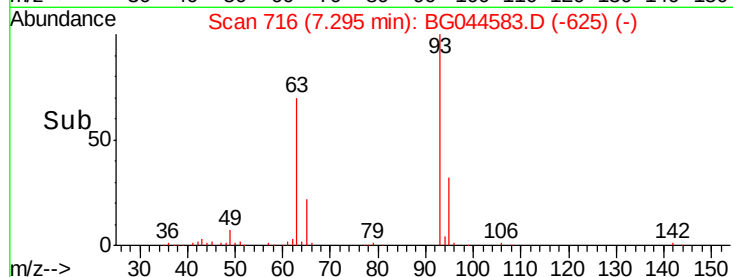
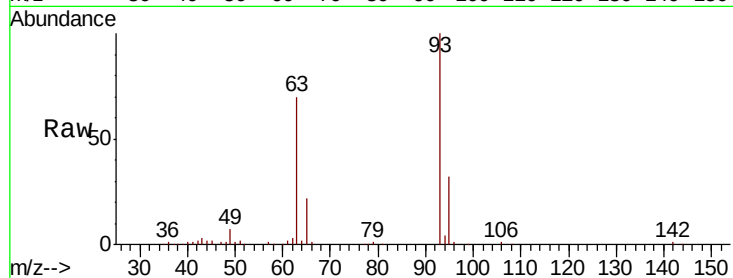




#11
bis(2-Chloroethyl)ether
Concen: 42.218 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

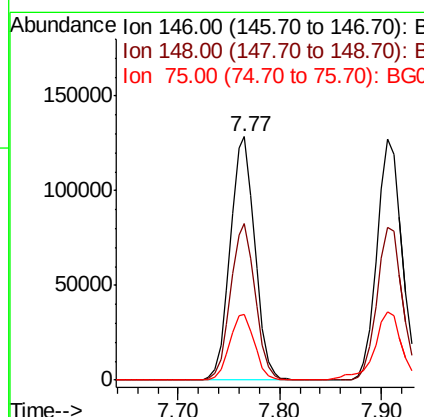
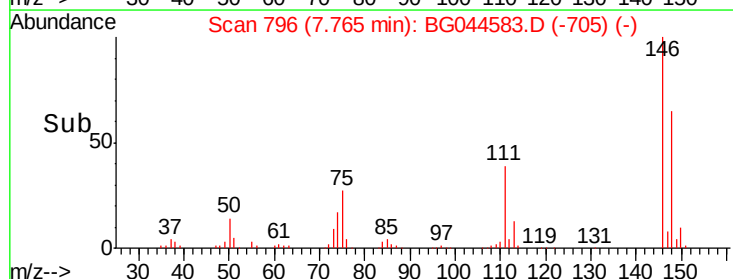
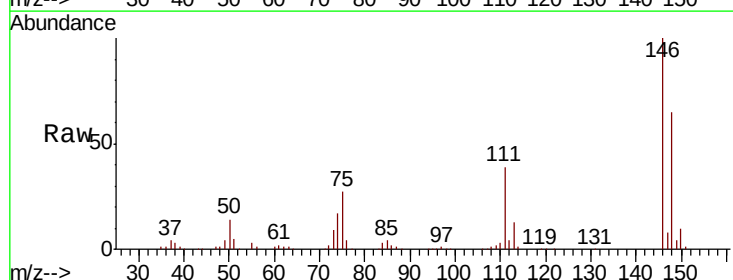
Instrument :
BNA_G
ClientSampleId :

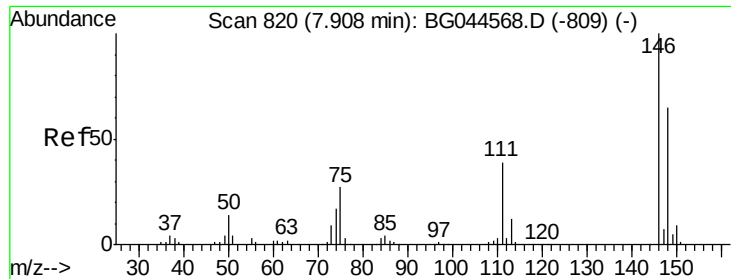
Tot Ion: 93 Resp: 183249
Ion Ratio Lower Upper
93 100
63 70.4 48.9 88.9
95 31.7 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 42.687 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion: 146 Resp: 216330
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 26.9 21.4 32.0

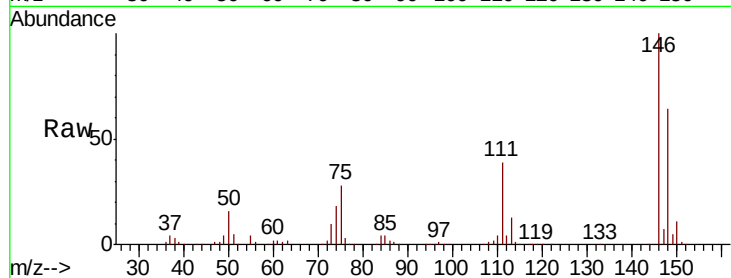




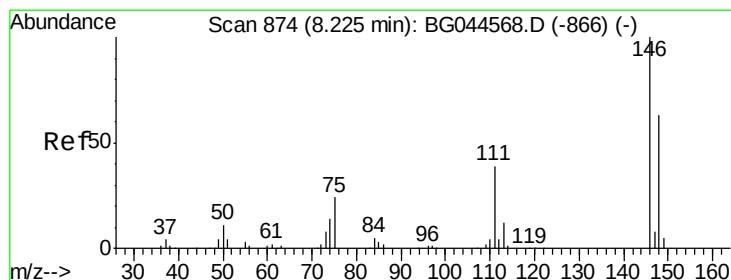
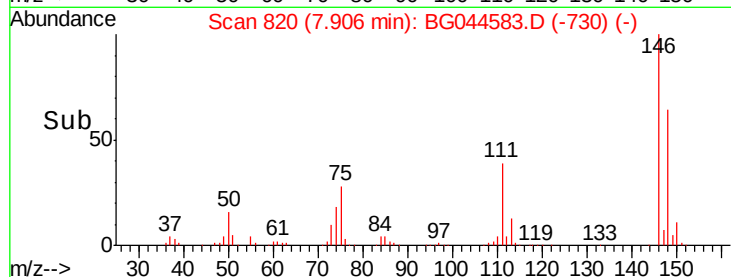
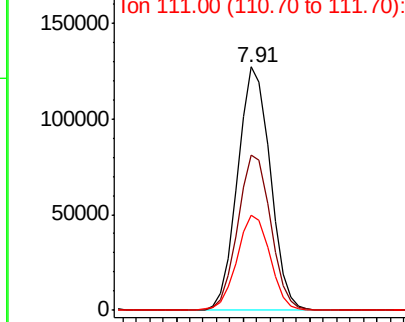
#13
 1,4-Dichlorobenzene
 Concen: 42.269 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 215281
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 38.8 30.8 46.2

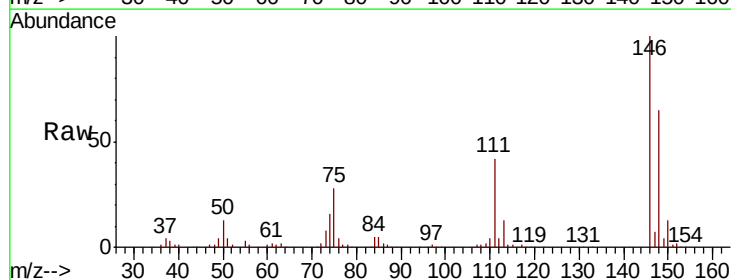


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

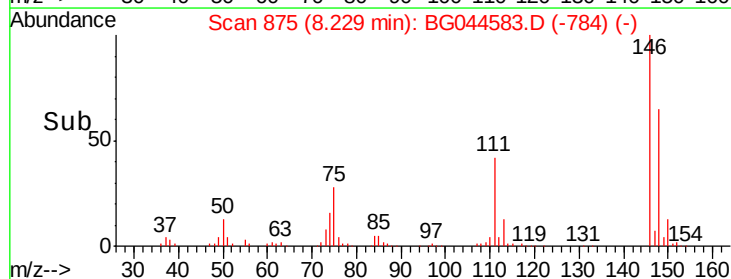
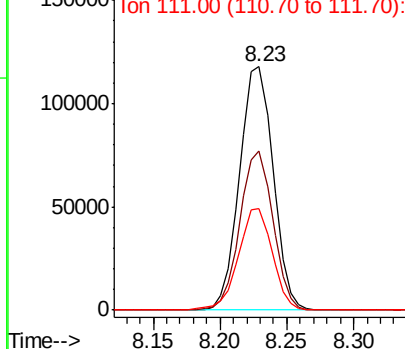


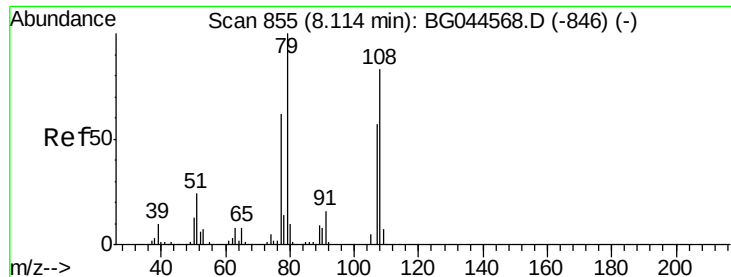
#14
 1,2-Dichlorobenzene
 Concen: 42.477 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion:146 Resp: 205736
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.7 76.1
 111 41.5 31.8 47.6



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





#15

Benzyl Alcohol

Concen: 44.557 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

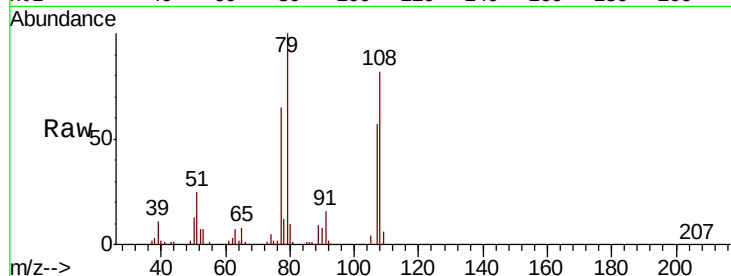
Tot Ion: 79 Resp: 160105

Ion Ratio Lower Upper

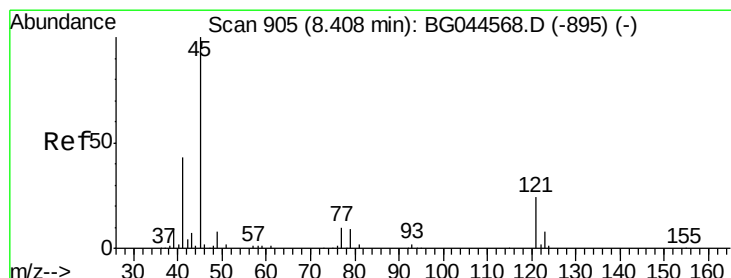
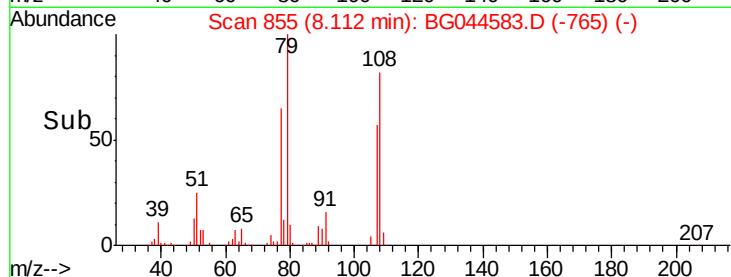
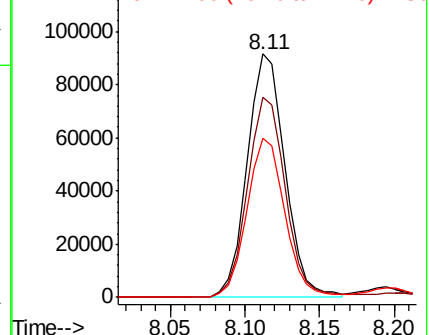
79 100

108 82.1 66.0 99.0

77 65.4 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: 40.891 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

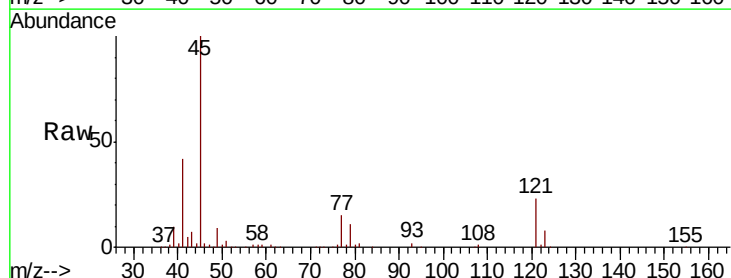
Tgt Ion: 45 Resp: 238532

Ion Ratio Lower Upper

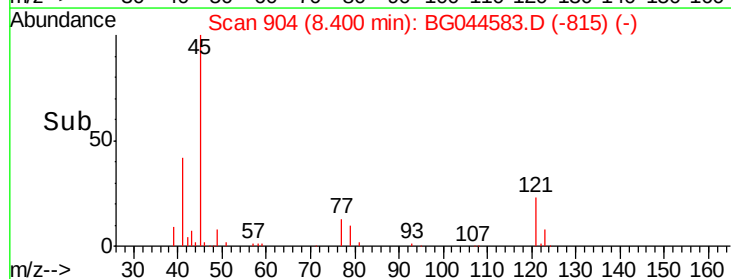
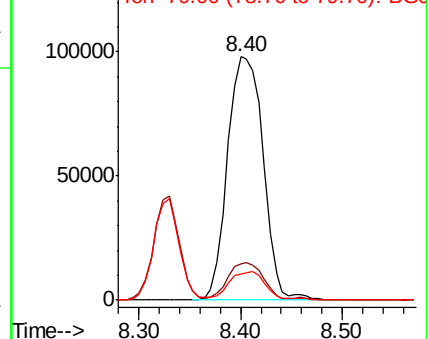
45 100

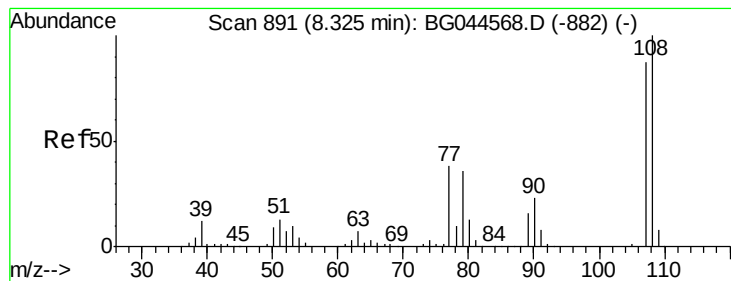
77 14.6 0.0 34.4

79 10.8 0.0 32.3



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

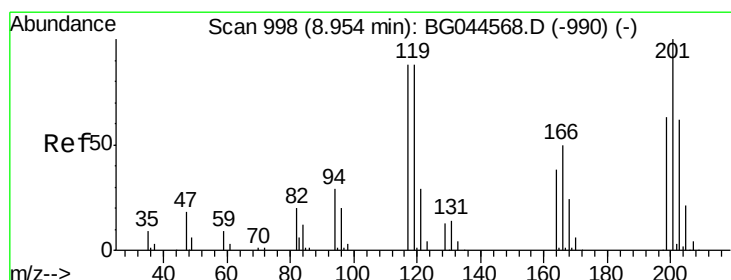
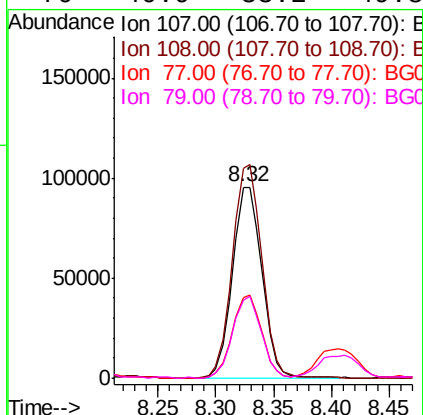
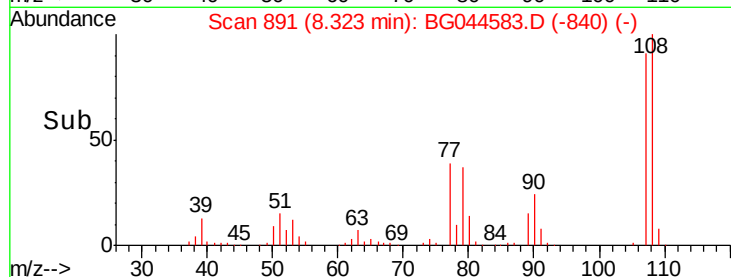
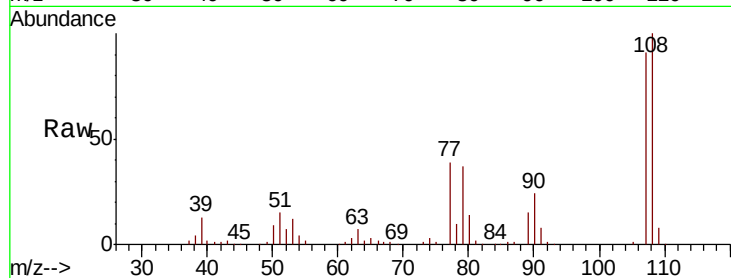




#17
2-Methylphenol
Concen: 45.667 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

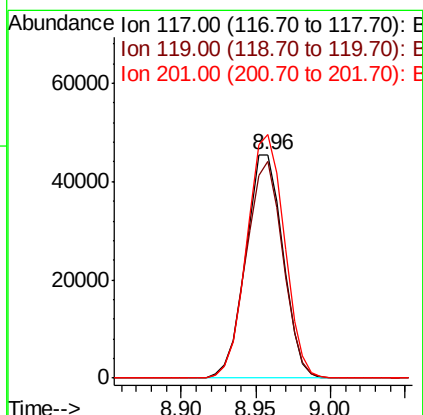
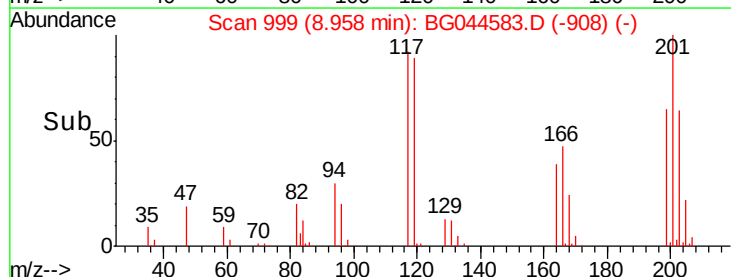
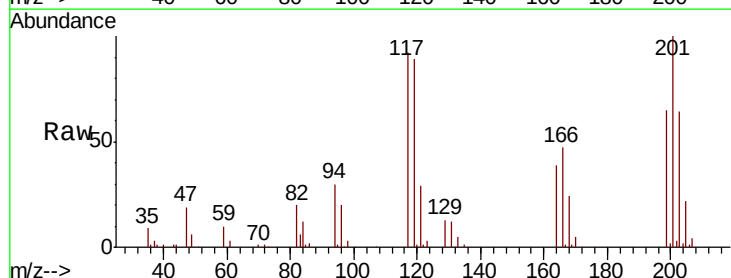
Instrument :
BNA_G
ClientSampleId :

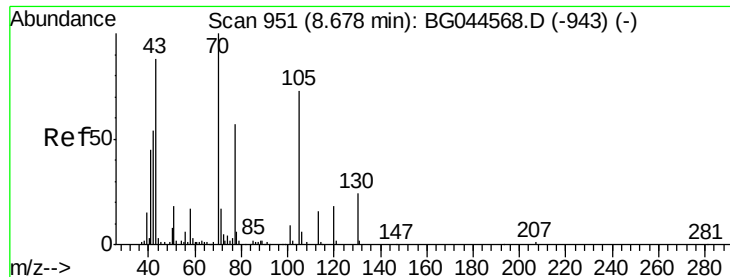
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.7	137.5
77	42.4	35.1	52.7
79	40.9	33.2	49.8



#18
Hexachloroethane
Concen: 42.055 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	80.0	120.0
201	108.9	90.5	135.7

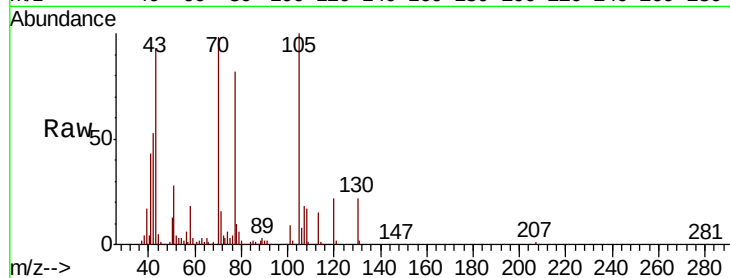




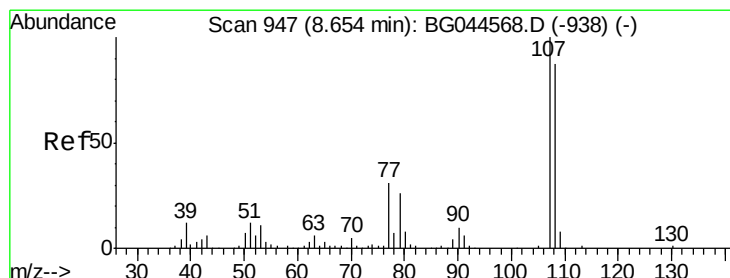
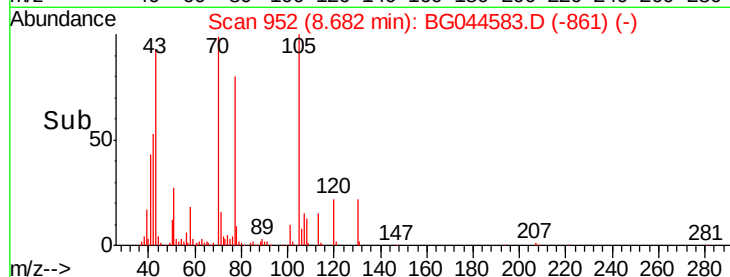
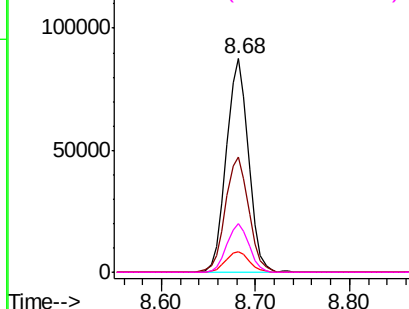
#19
n-Nitroso-di-n-propylamine
Concen: 41.849 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 143322
Ion Ratio Lower Upper
70 100
42 54.2 43.4 65.0
101 9.6 7.5 11.3
130 22.7 18.9 28.3

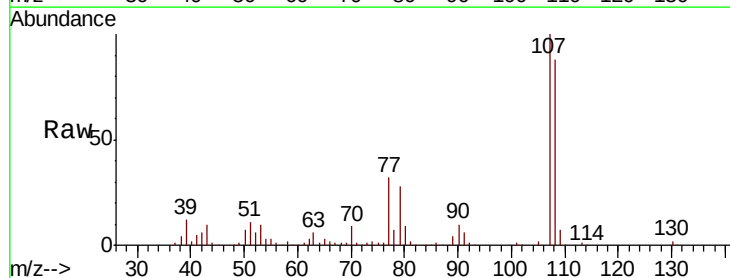


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

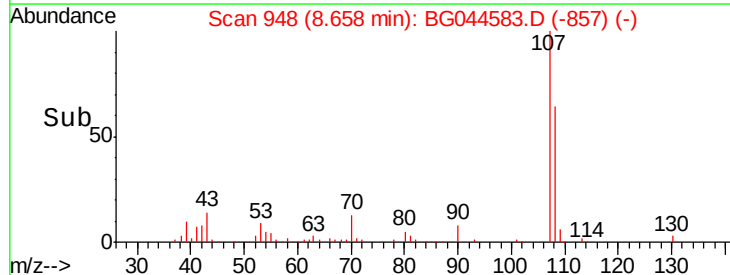
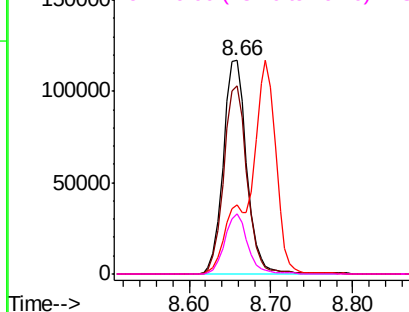


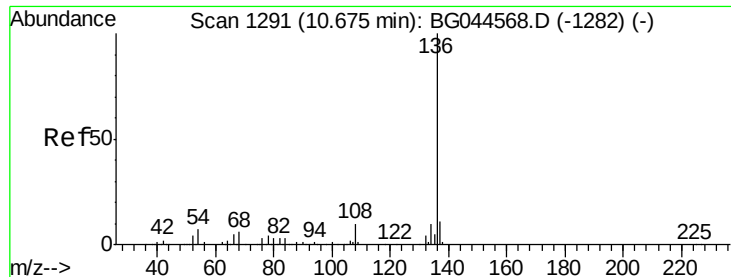
#20
3+4-Methylphenols
Concen: 46.275 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion: 107 Resp: 233683
Ion Ratio Lower Upper
107 100
108 88.4 67.5 107.5
77 32.2 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

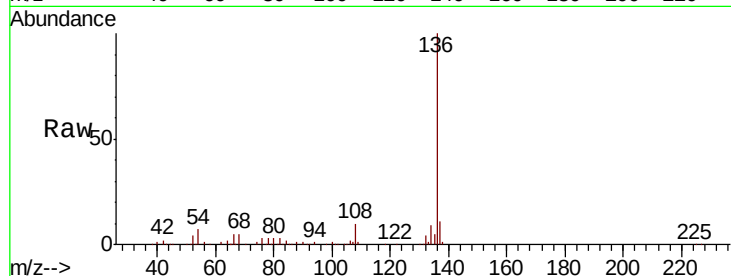




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257310	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 7.4	5.7	8.5	
68 5.3	4.5	6.7	



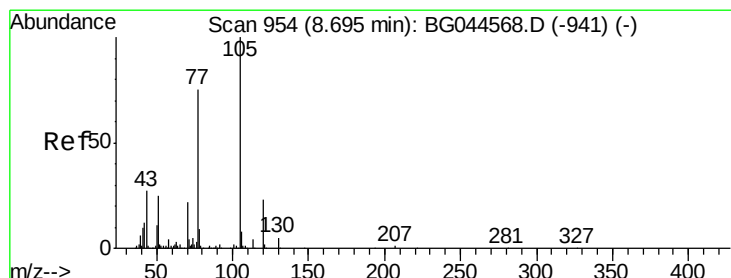
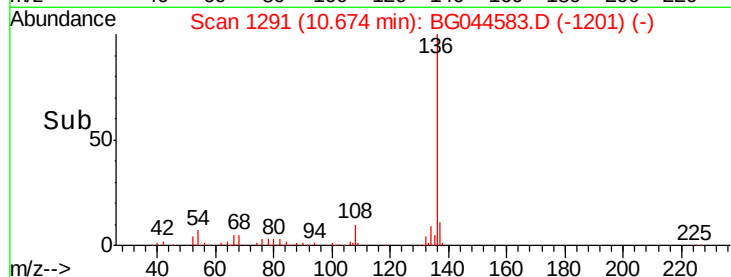
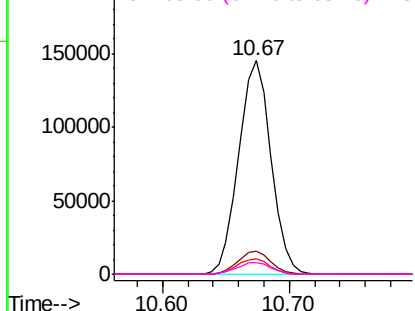
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

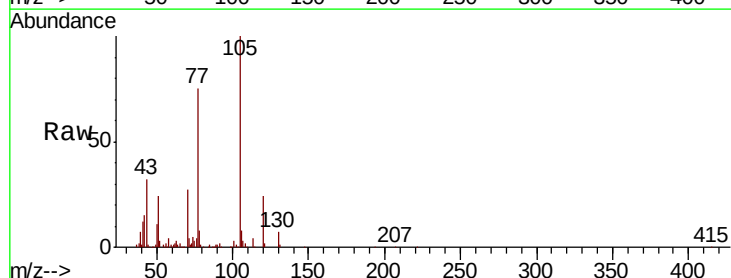
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.313 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt	Ion:105	Resp:	273349
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.8	4.2#
51	24.1	19.9	29.9
120	23.6	18.6	28.0



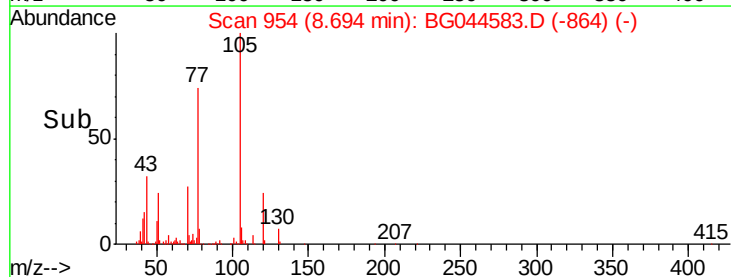
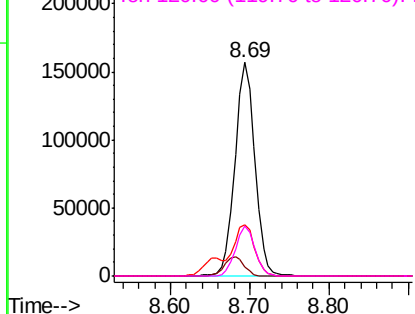
Abundance

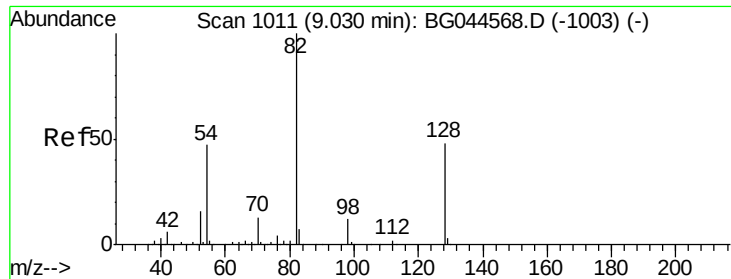
Ion 105.00 (104.70 to 105.70): E

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

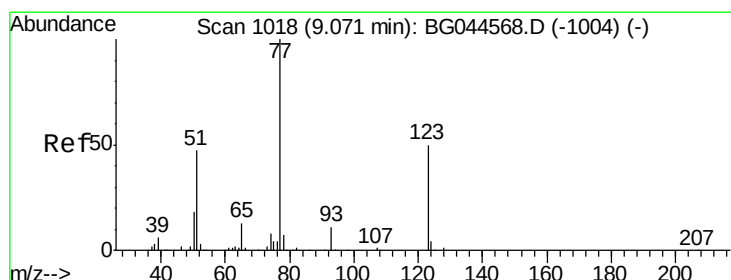
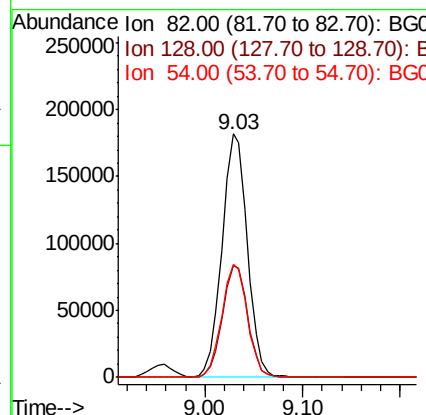
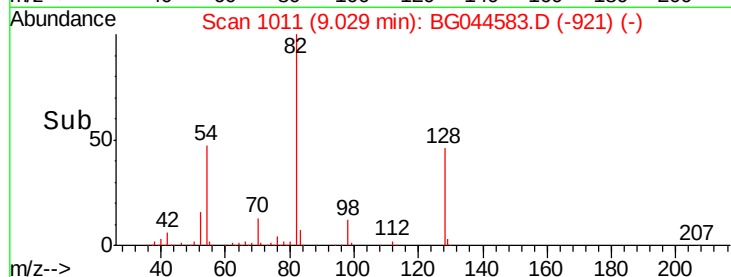
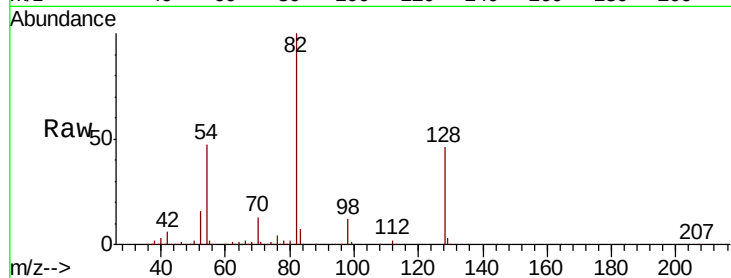




#23
Nitrobenzene-d5
Concen: 65.238 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

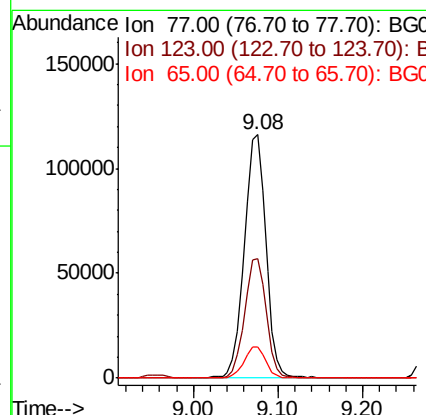
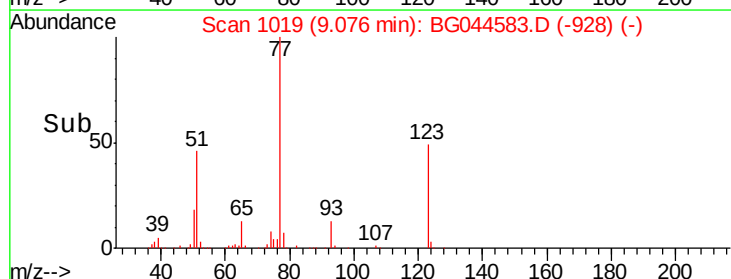
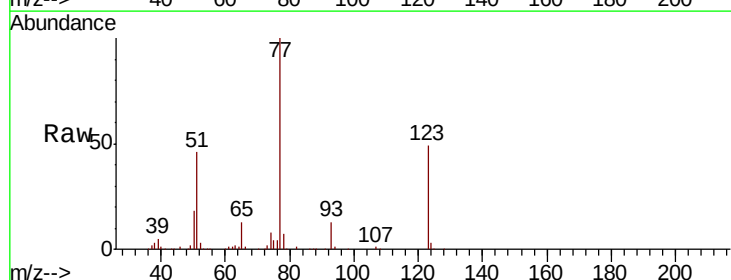
Instrument :
BNA_G
ClientSampled :

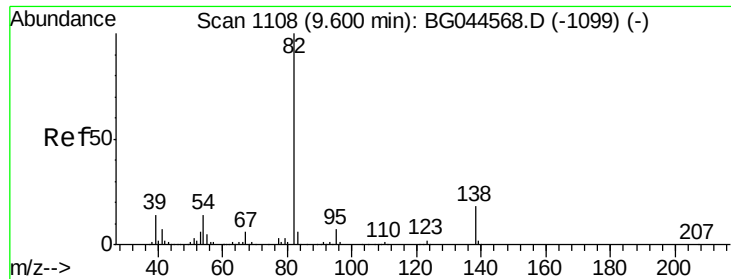
Tot Ion	82	Resp	325835
Ion Ratio	100	Lower	Upper
128	45.7	38.1	57.1
54	46.5	37.5	56.3



#24
Nitrobenzene
Concen: 42.365 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion	77	Resp	204995
Ion Ratio	100	Lower	Upper
123	48.8	40.1	60.1
65	12.5	10.4	15.6





#25

Isophorone

Concen: 42.431 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

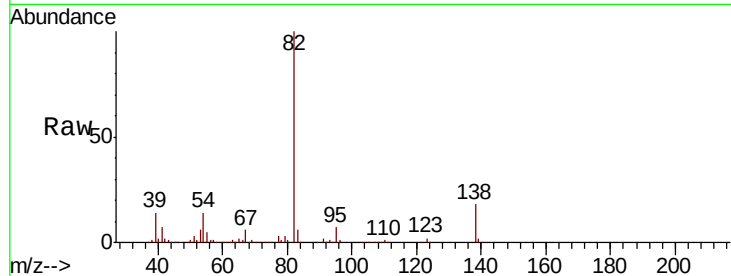
Tot Ion: 82 Resp: 396449

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

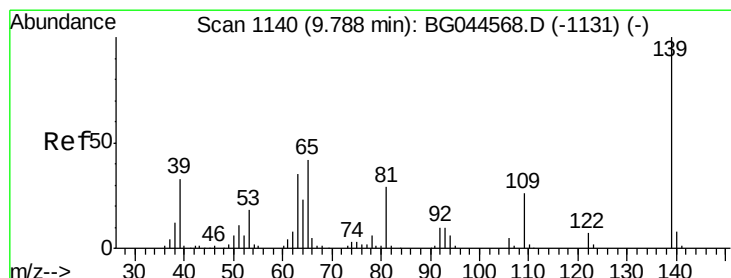
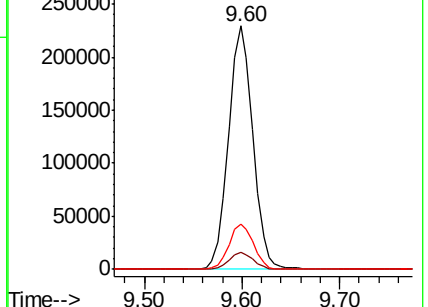
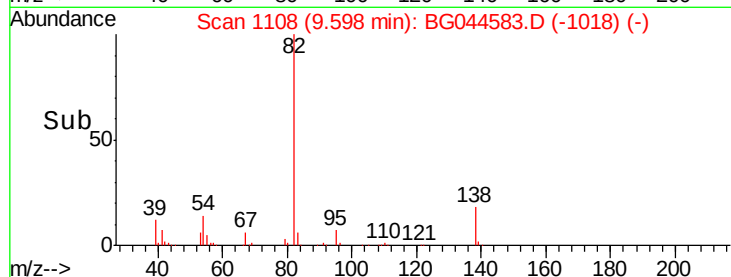
138 18.4 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044568.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BG044568.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BG044568.D (-1099) (-)



#26

2-Nitrophenol

Concen: 44.011 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

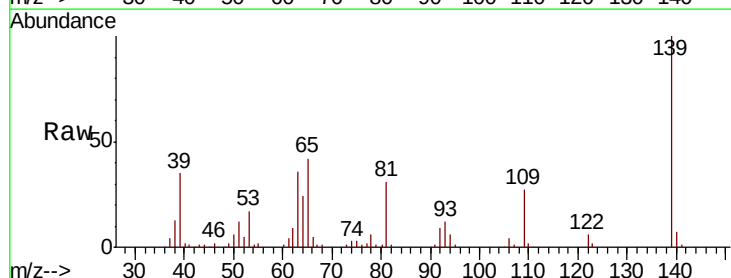
Tgt Ion: 139 Resp: 115493

Ion Ratio Lower Upper

139 100

109 27.0 20.6 31.0

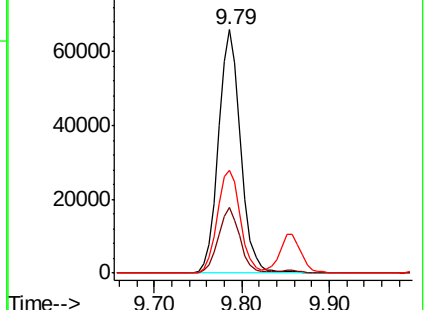
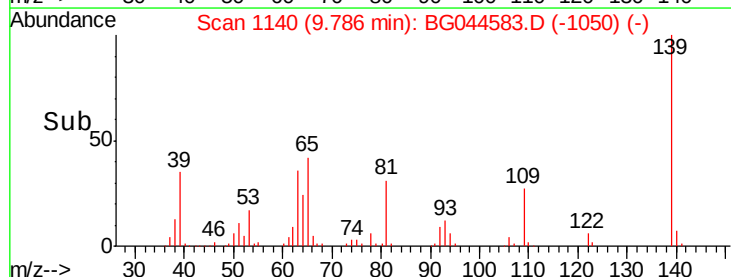
65 42.4 33.3 49.9

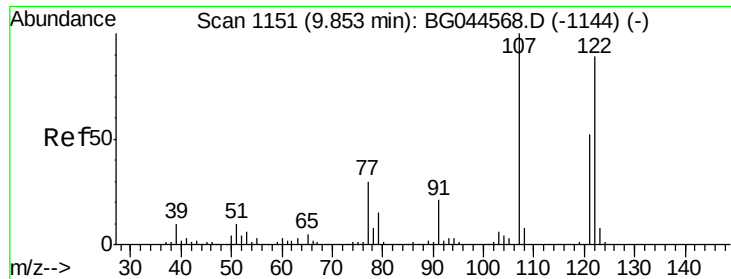


Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BG044568.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BG044568.D (-1131) (-)

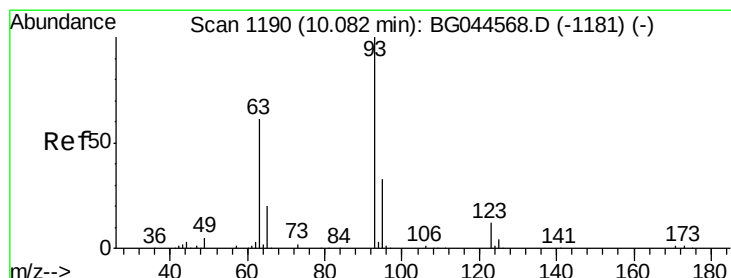
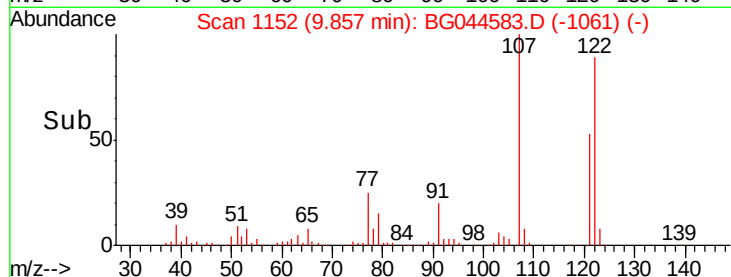
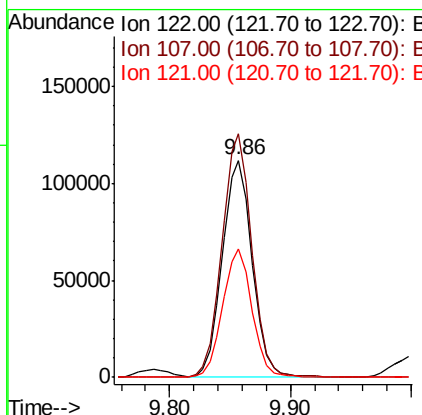
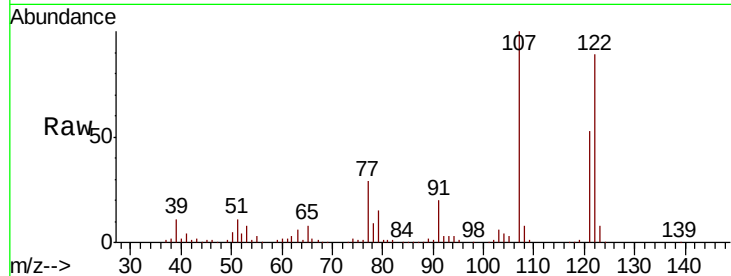




#27
 2,4-Dimethylphenol
 Concen: 51.691 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

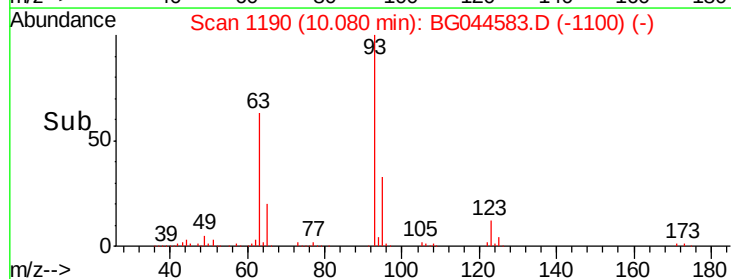
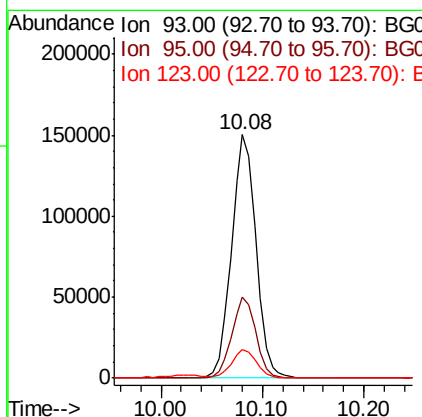
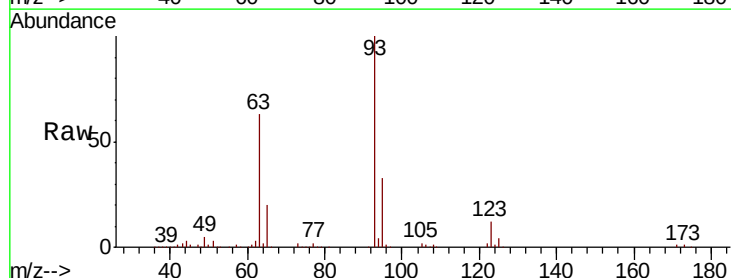
Instrument :
 BNA_G
 ClientSampleId :

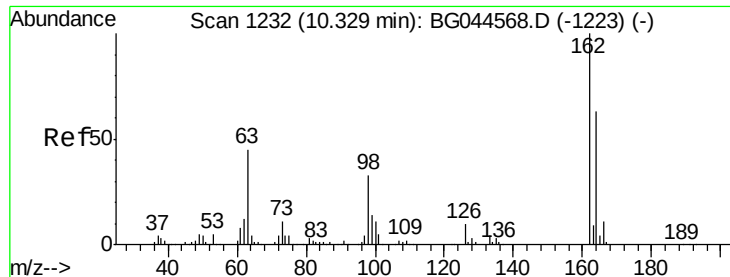
Tot Ion:122 Resp: 190461
 Ion Ratio Lower Upper
 122 100
 107 112.1 89.4 134.0
 121 58.9 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.446 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion: 93 Resp: 249907
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.5 9.7 14.5

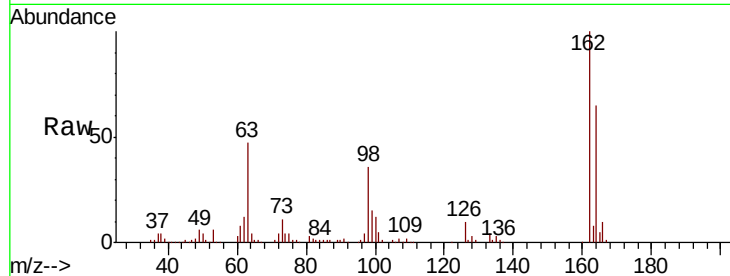




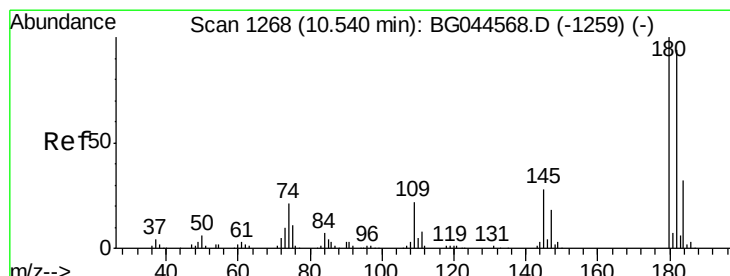
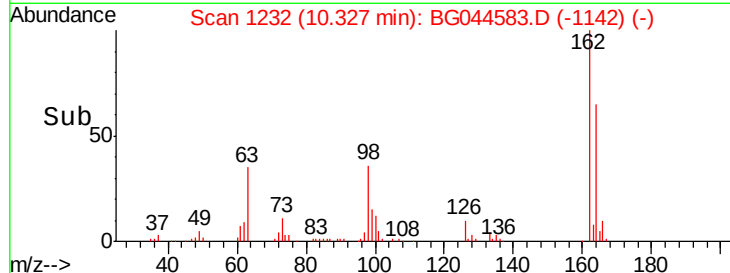
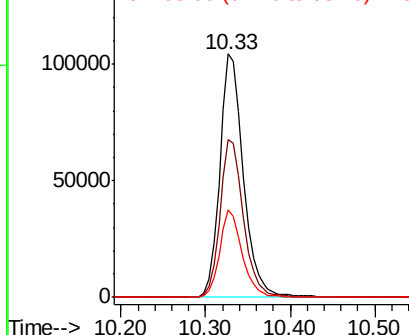
#29
 2,4-Dichlorophenol
 Concen: 45.878 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.2	83.2
98	35.9	13.2	53.2

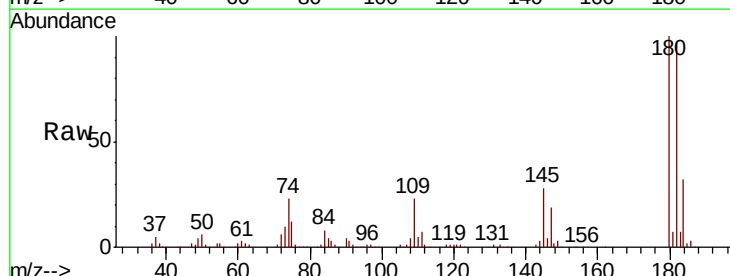


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

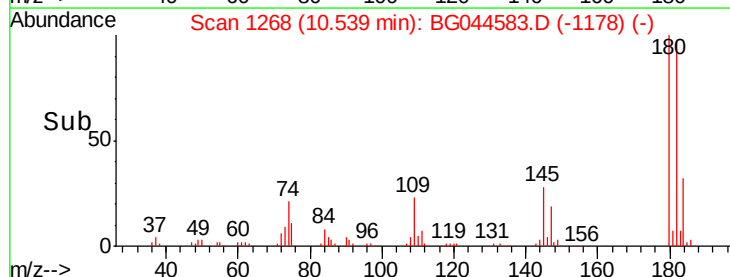
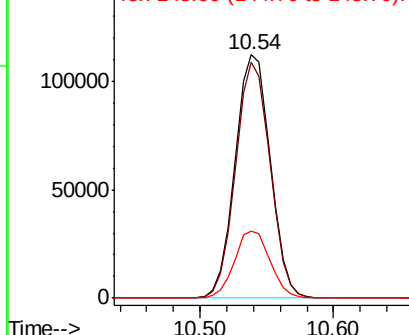


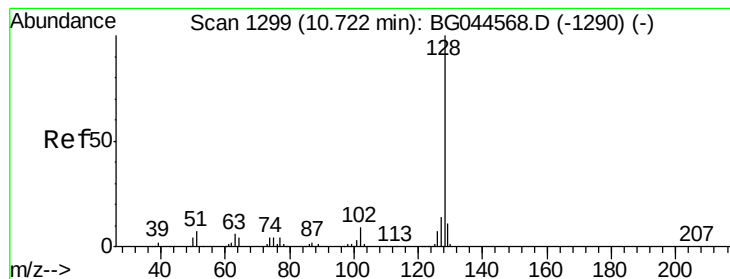
#30
 1,2,4-Trichlorobenzene
 Concen: 40.152 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.6	113.4
145	27.6	22.2	33.2



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





#31

Naphthalene

Concen: 42.265 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

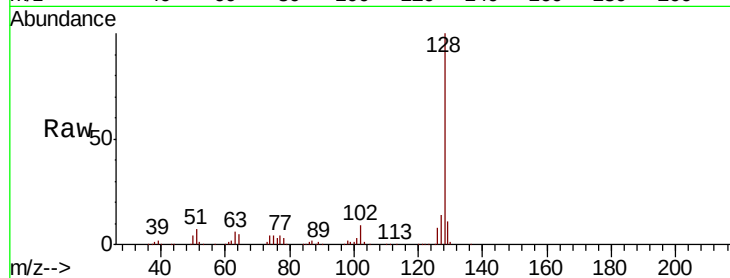
Tot Ion:128 Resp: 593418

Ion Ratio Lower Upper

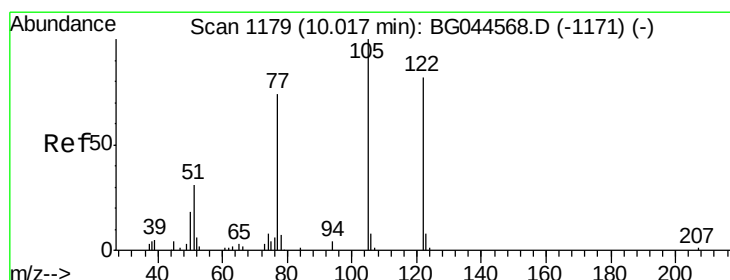
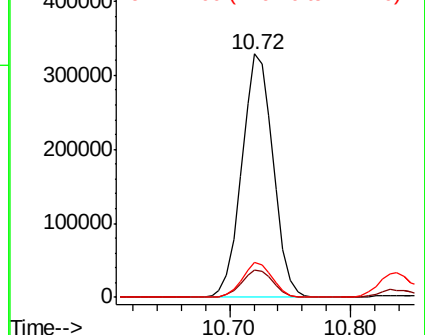
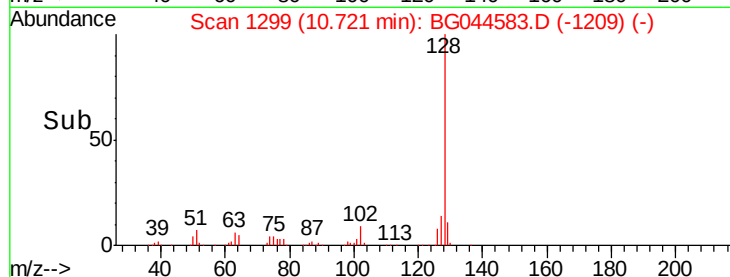
128 100

129 11.3 9.0 13.6

127 14.2 11.0 16.4



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



#32

Benzoic acid

Concen: 51.172 ng

RT: 10.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

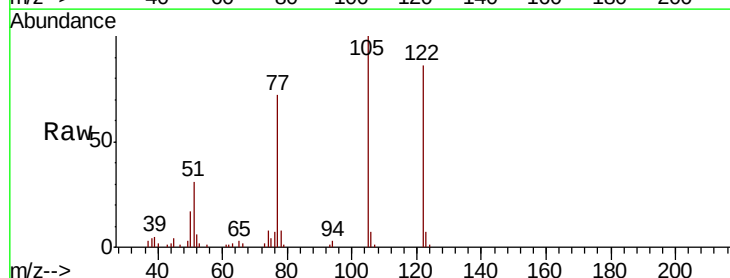
Tgt Ion:122 Resp: 73749

Ion Ratio Lower Upper

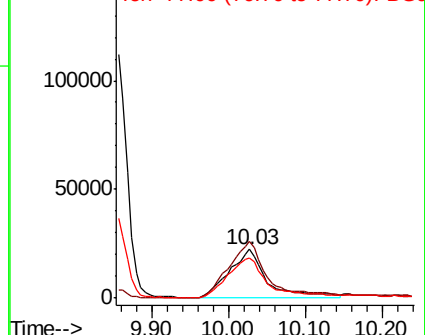
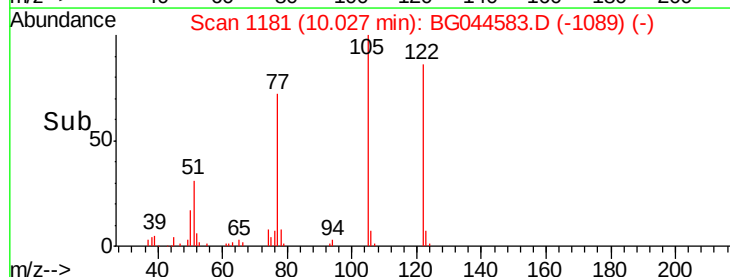
122 100

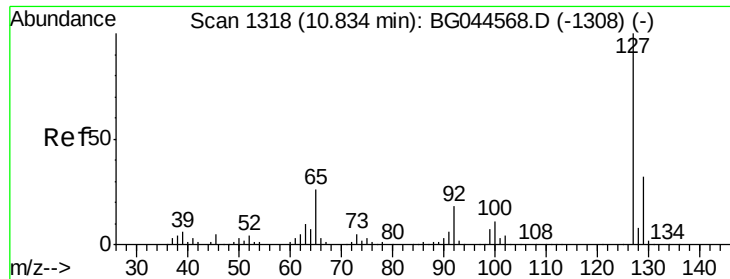
105 115.9 101.4 141.4

77 82.9 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

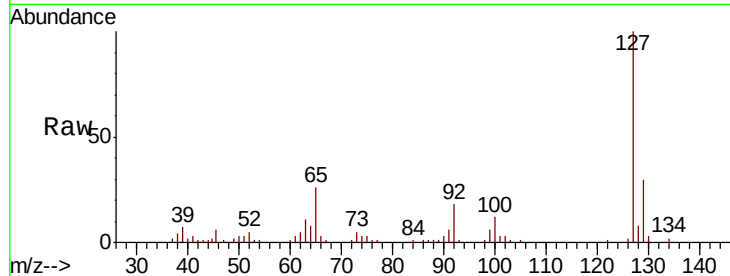




#33
4-Chloroaniline
Concen: 11.613 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	71816
Ion	Ratio	Lower	Upper
127	100		
129	29.9	25.9	38.9
65	25.5	20.7	31.1
92	18.4	14.2	21.2



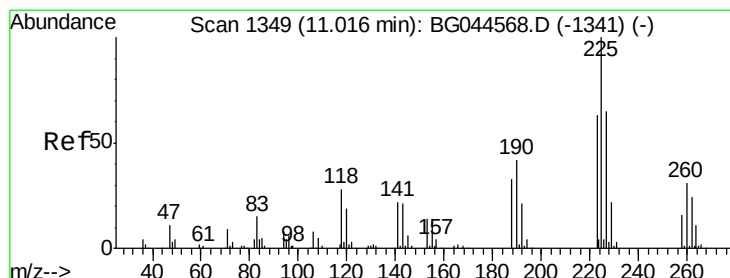
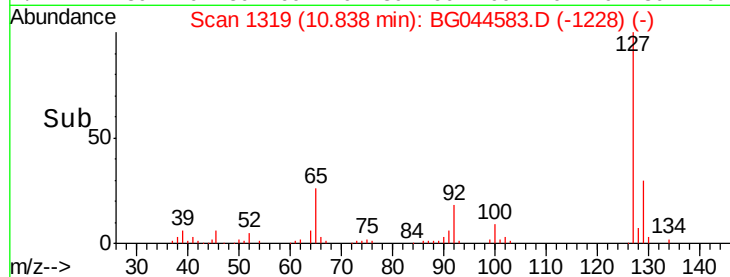
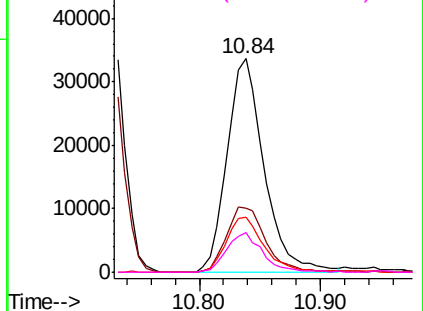
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

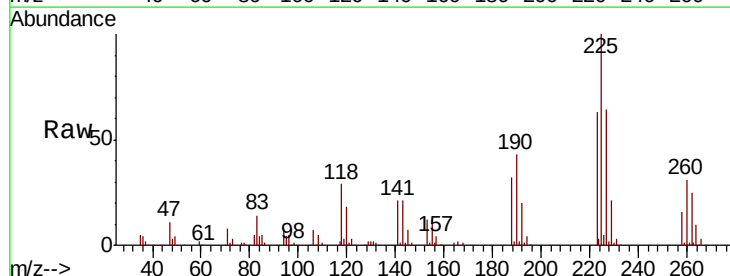
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.440 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:	225	Resp:	122983
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.4	52.1	78.1

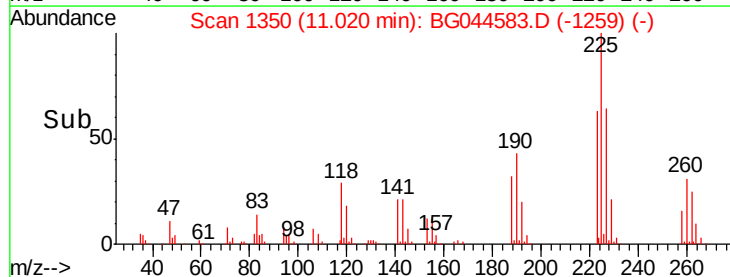
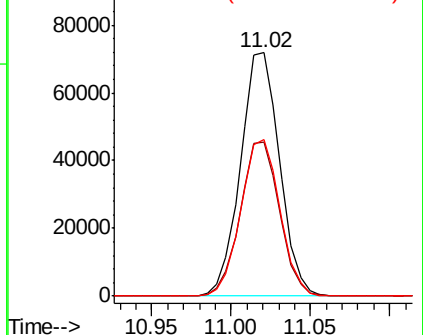


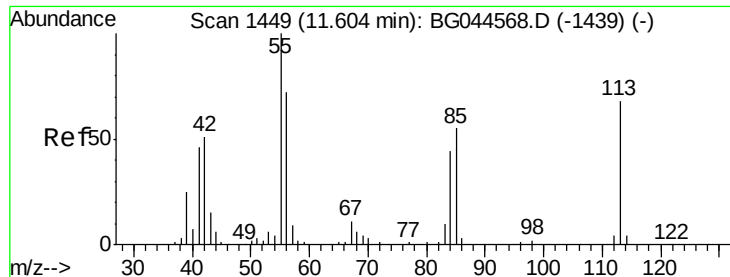
Abundance

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: 23.066 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

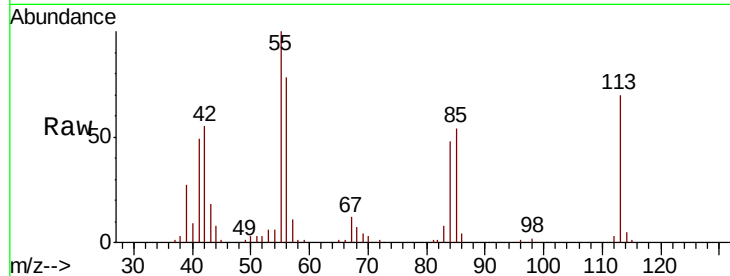
Tot Ion:113 Resp: 36375

Ion Ratio Lower Upper

113 100

55 142.2 127.8 167.8

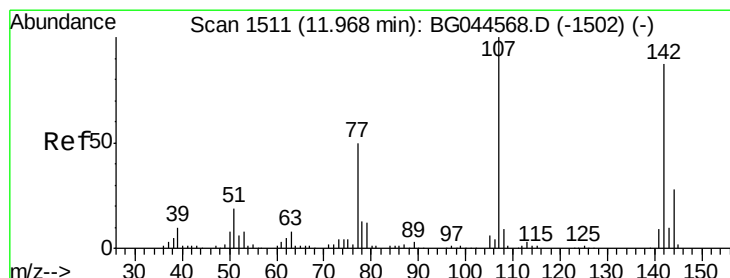
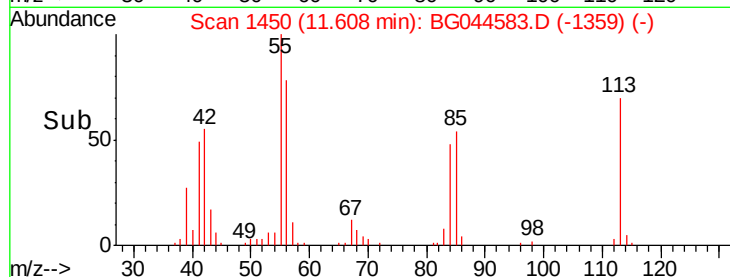
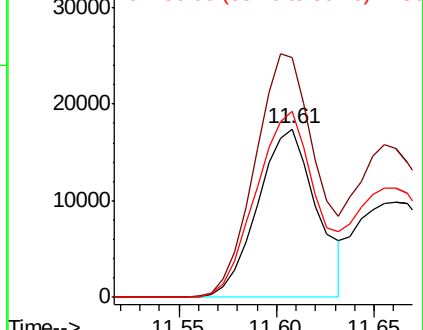
56 110.4 86.9 126.9



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: 47.109 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

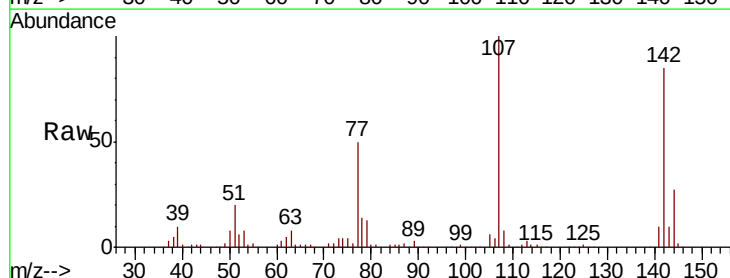
Tgt Ion:107 Resp: 213612

Ion Ratio Lower Upper

107 100

144 27.5 22.3 33.5

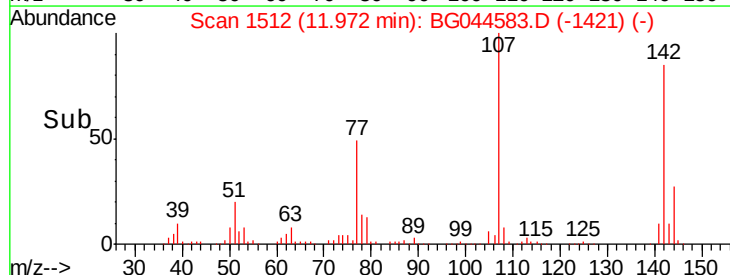
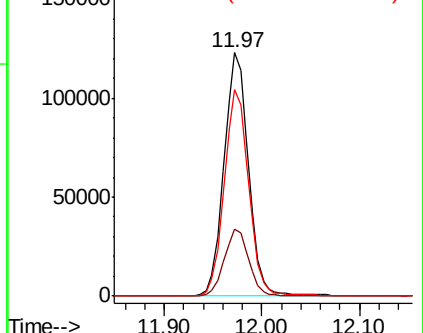
142 84.8 69.3 103.9

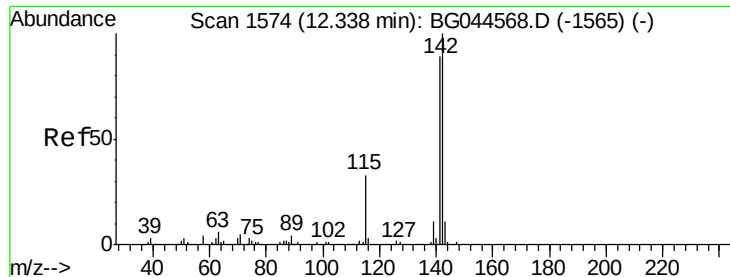


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.508 ng

RT: 12.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

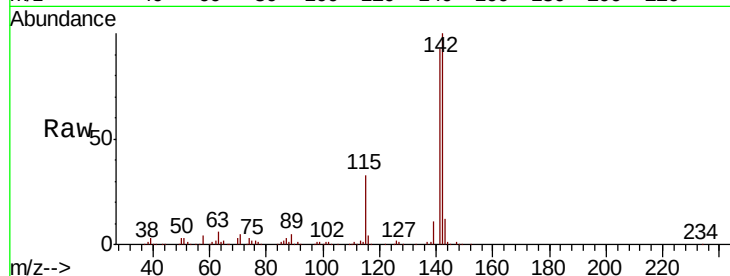
Tot Ion:142 Resp: 441098

Ion Ratio Lower Upper

142 100

141 92.8 71.3 106.9

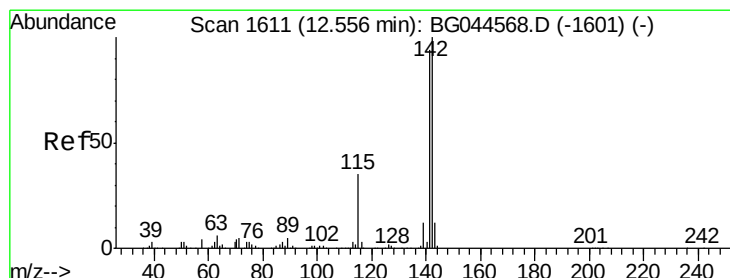
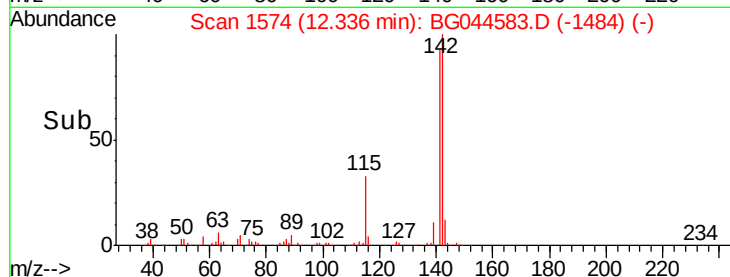
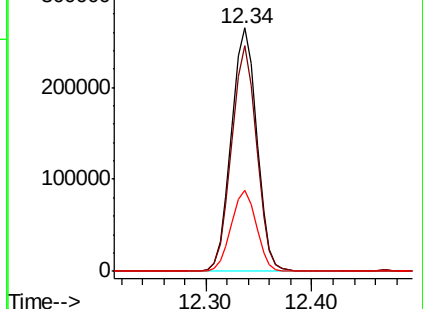
115 33.4 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.716 ng

RT: 12.55 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

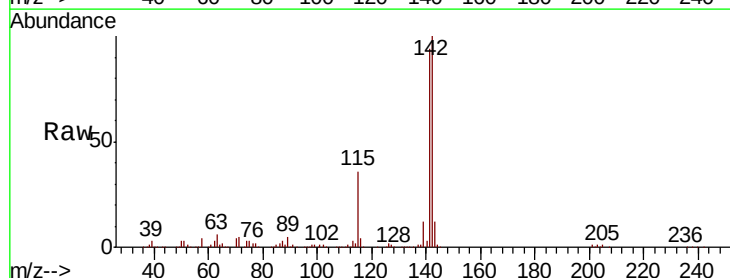
Tgt Ion:142 Resp: 421174

Ion Ratio Lower Upper

142 100

141 93.9 75.1 112.7

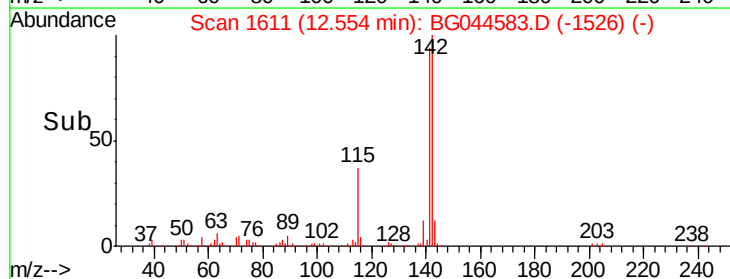
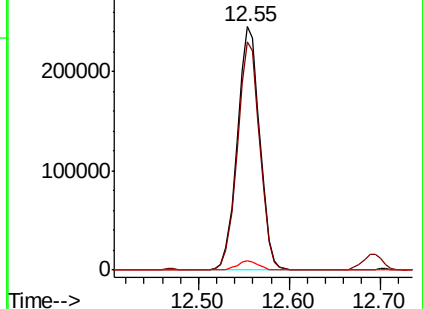
116 3.7 2.6 4.0

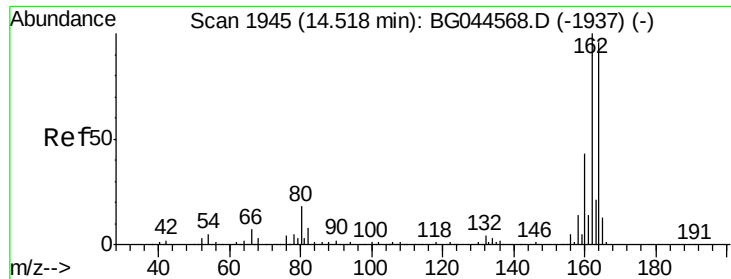


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

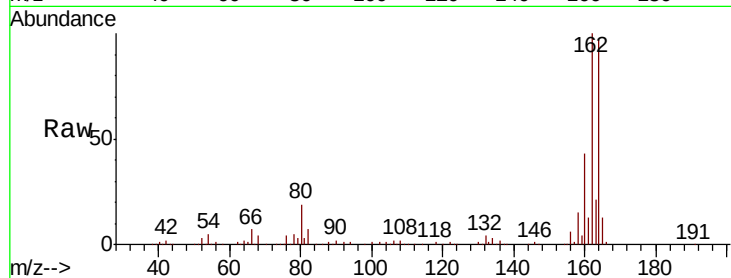
Tot Ion:164 Resp: 174083

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

160 44.7 36.2 54.4

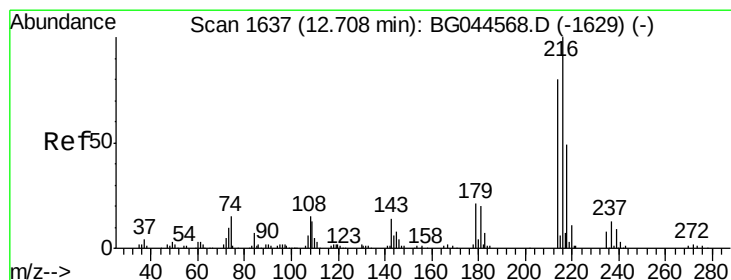
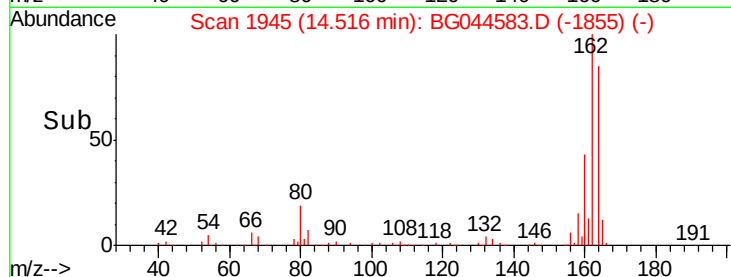
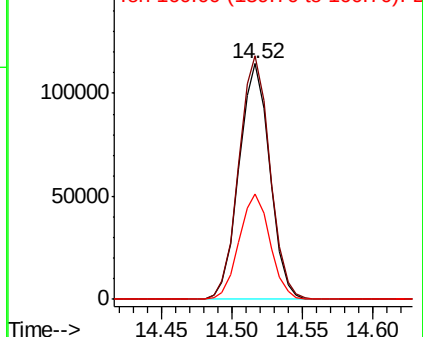


Abundance

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: 38.458 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Tgt Ion:216 Resp: 225387

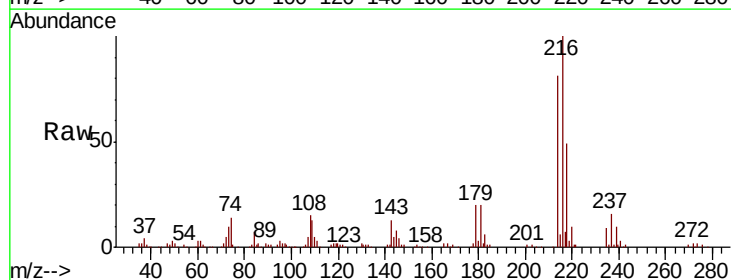
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 20.2 16.2 24.2

108 17.6 12.6 18.8



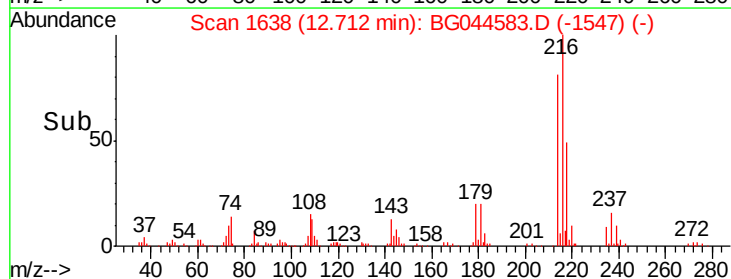
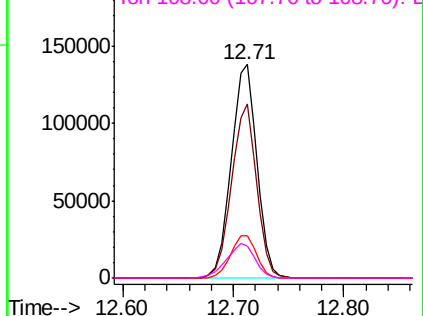
Abundance

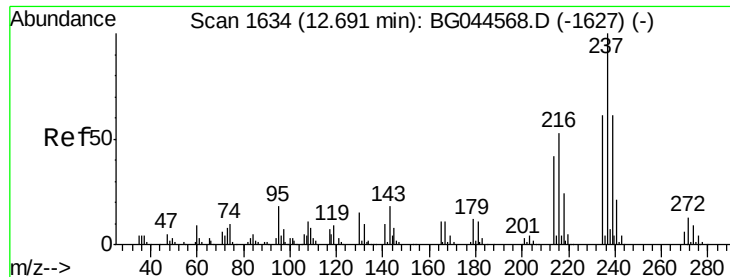
Ion 216.00 (215.70 to 216.70): E

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

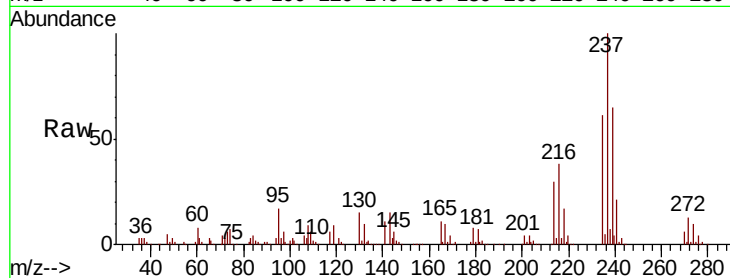




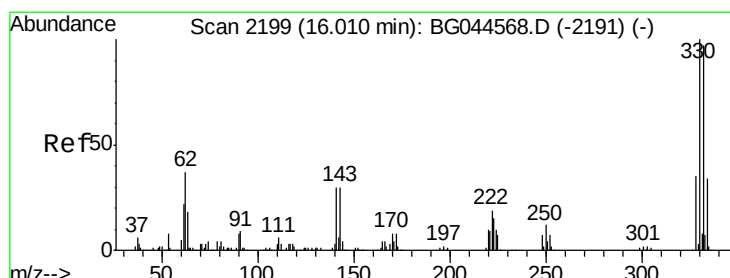
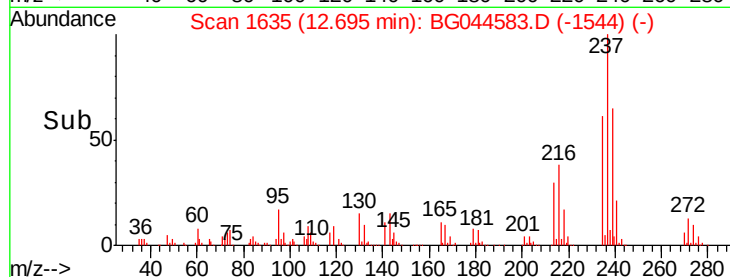
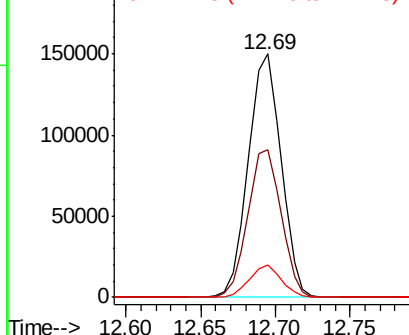
#41
Hexachlorocyclopentadiene
Concen: 81.357 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 227709
Ion Ratio Lower Upper
237 100
235 60.7 40.7 80.7
272 13.3 0.0 32.7

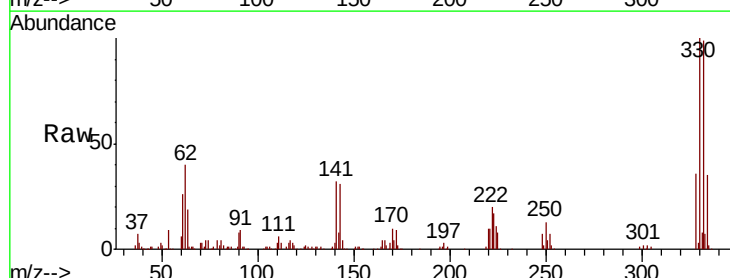


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

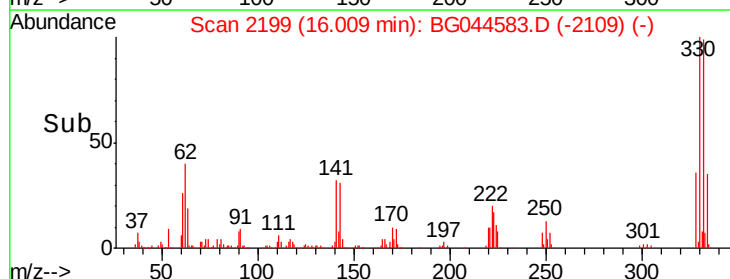
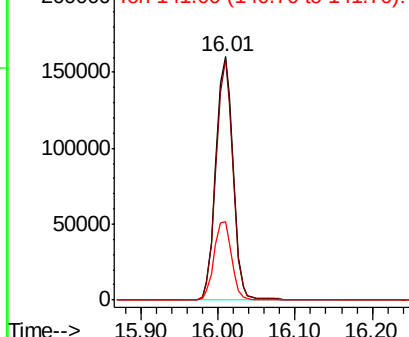


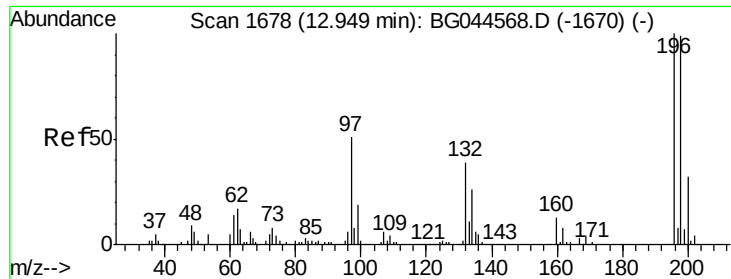
#42
2,4,6-Tribromophenol
Concen: 100.220 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:330 Resp: 247378
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 33.0 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

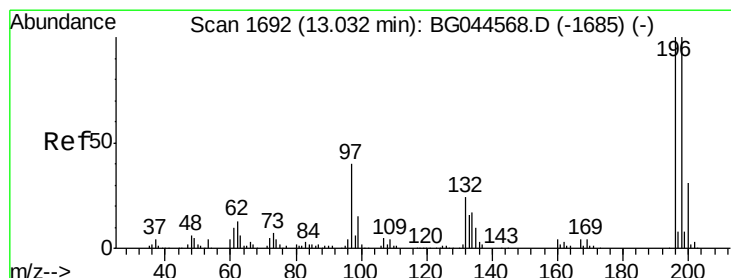
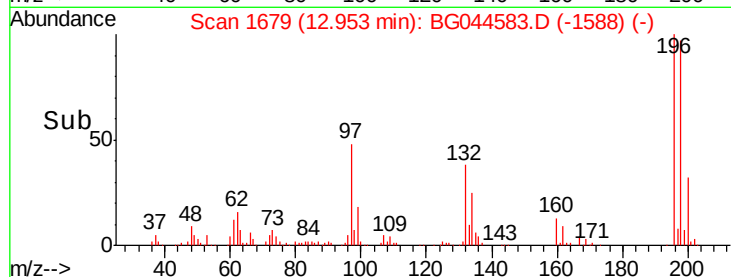
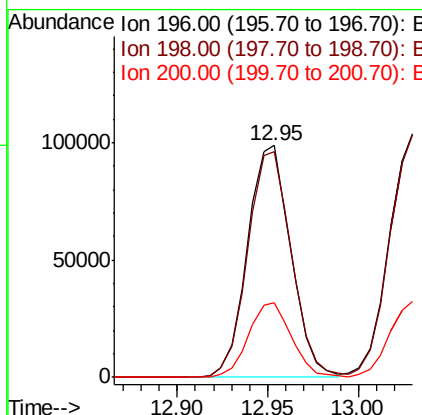
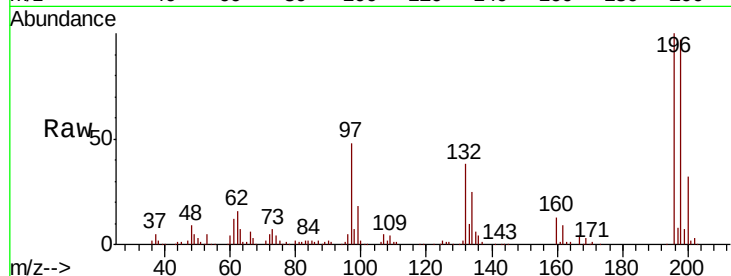




#43
 2,4,6-Trichlorophenol
 Concen: 43.122 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

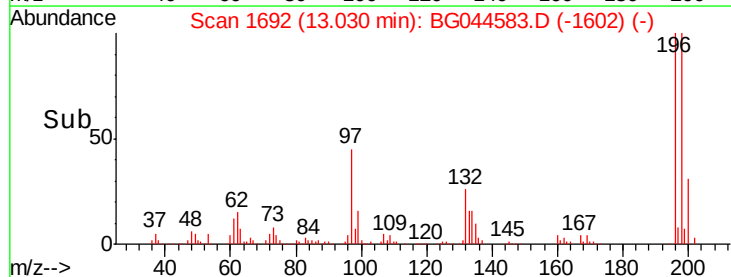
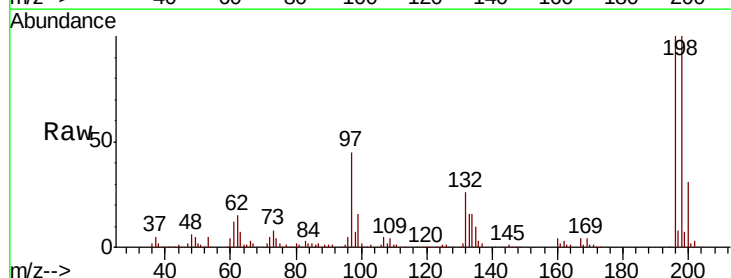
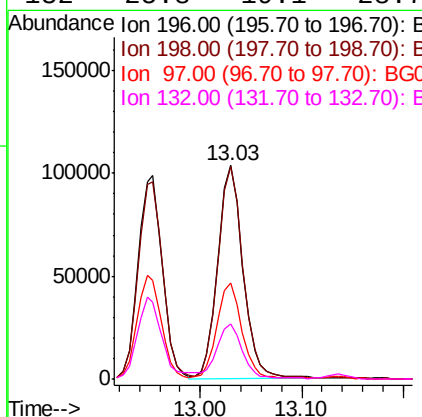
Instrument :
 BNA_G
 ClientSampled :

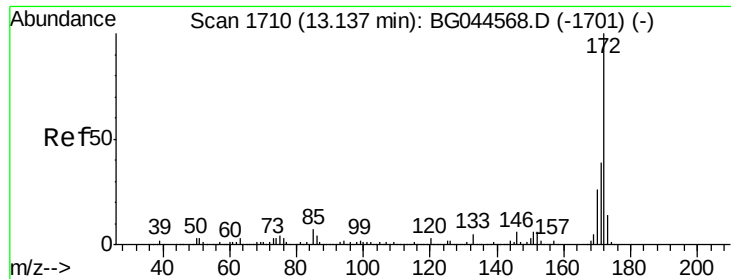
Tot Ion	196	Resp	164092
Ion Ratio	Lower	Upper	
196	100		
198	97.0	79.2	118.8
200	31.9	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.028 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion	196	Resp	179923
Ion Ratio	Lower	Upper	
196	100		
198	99.8	79.3	118.9
97	45.1	32.3	48.5
132	25.8	19.1	28.7

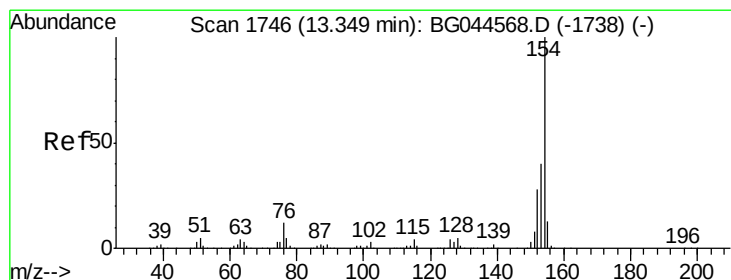
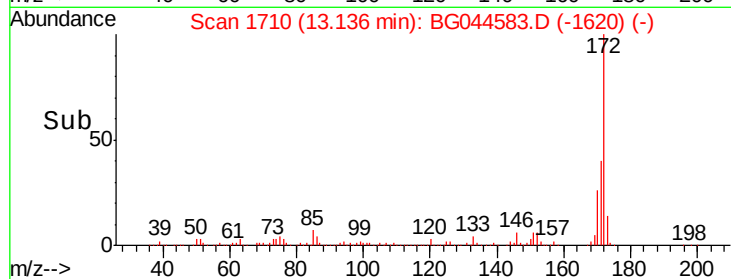
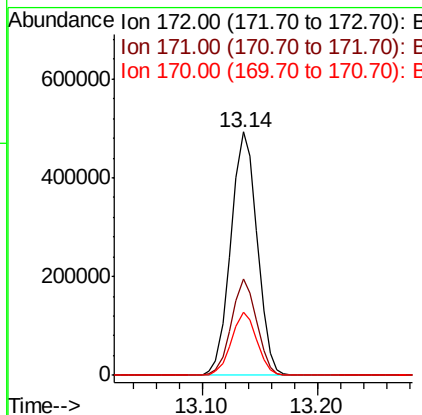
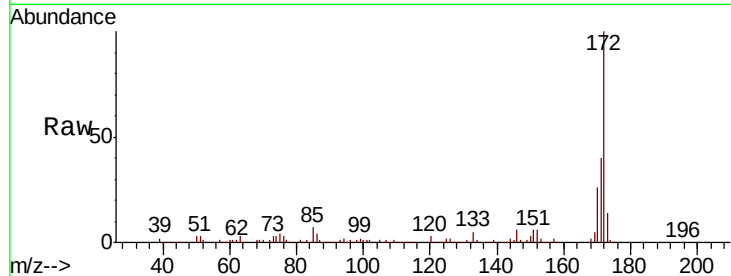




#45
 2-Fluorobiphenyl
 Concen: 63.899 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

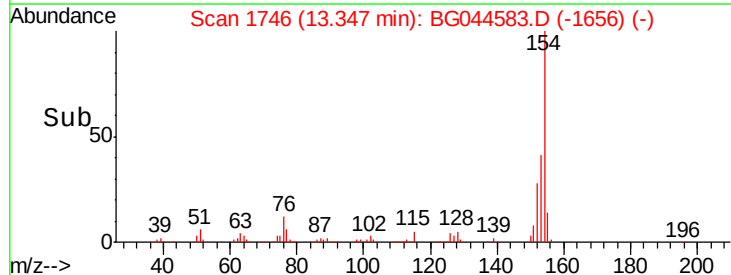
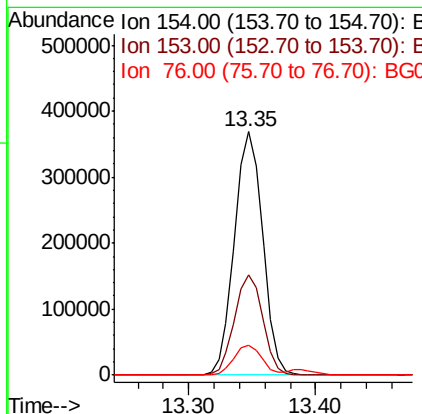
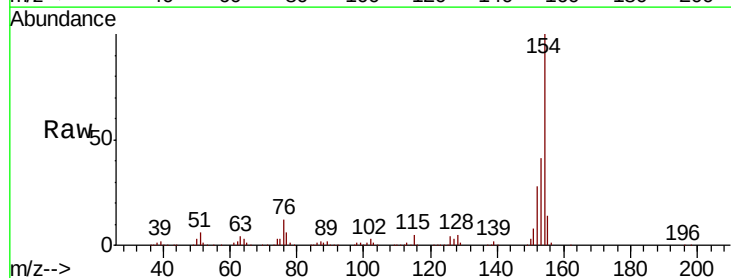
Instrument :
 BNA_G
 ClientSampleId :

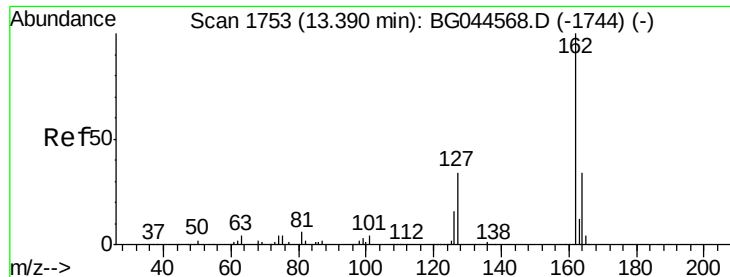
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.0	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 39.500 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	12.2	0.0	31.8

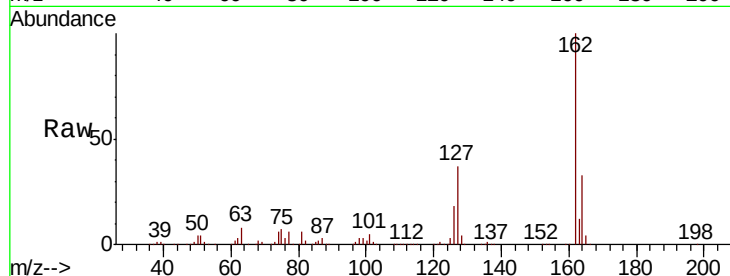




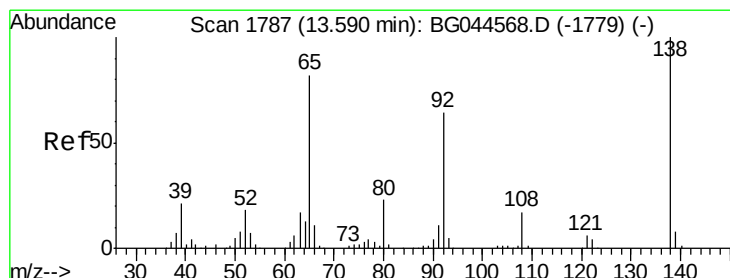
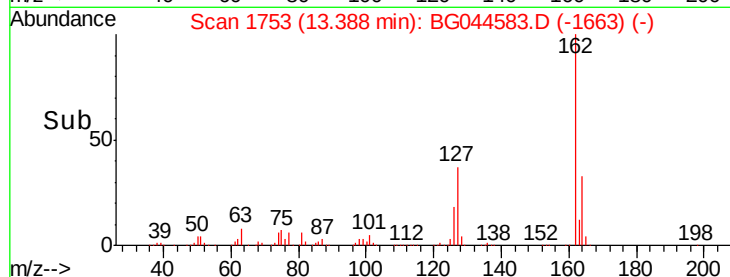
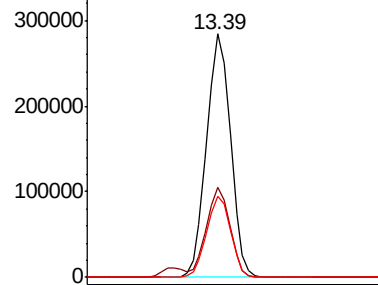
#47
2-Chloronaphthalene
Concen: 39.471 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.7	43.1
164	33.2	27.3	40.9

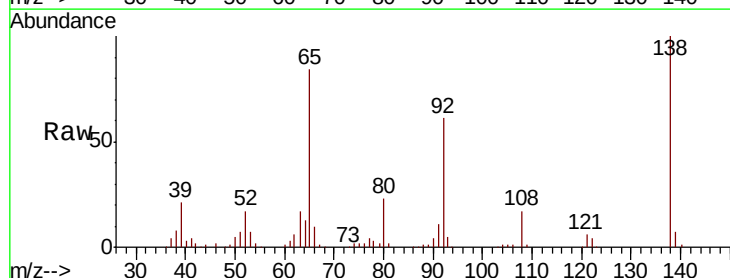


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

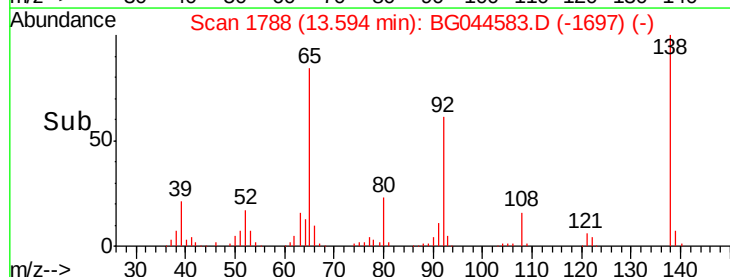
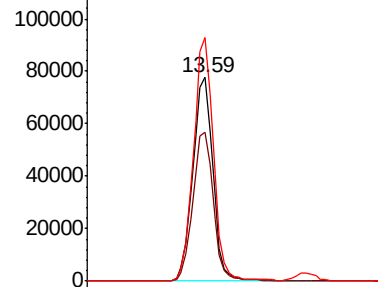


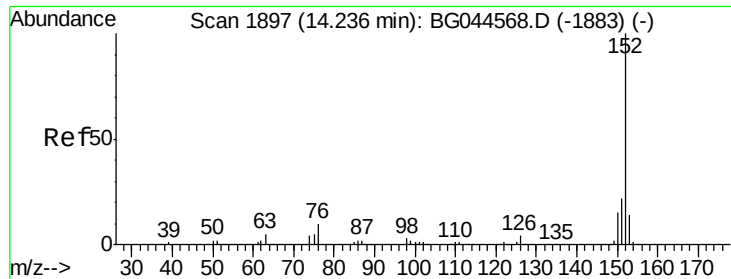
#48
2-Nitroaniline
Concen: 42.682 ng
RT: 13.59 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	62.2	93.2
138	119.7	97.6	146.4



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





#49

Acenaphthylene

Concen: 43.213 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

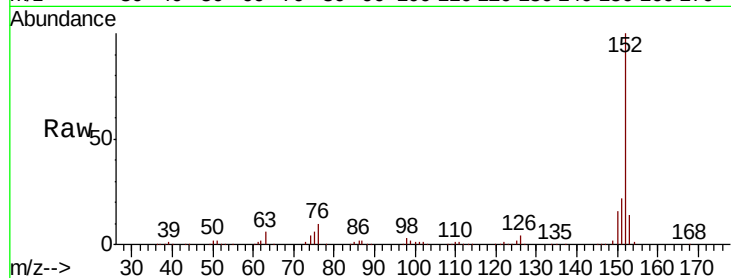
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 720599

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.7	26.5
153	14.2	11.3	16.9

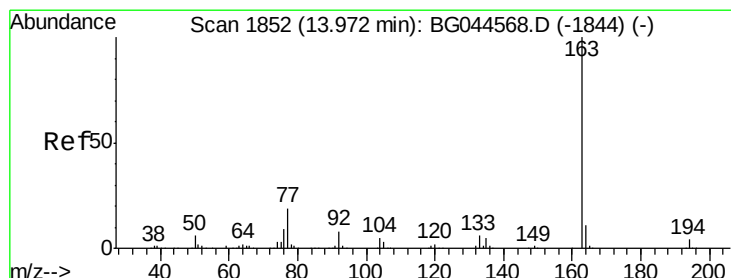
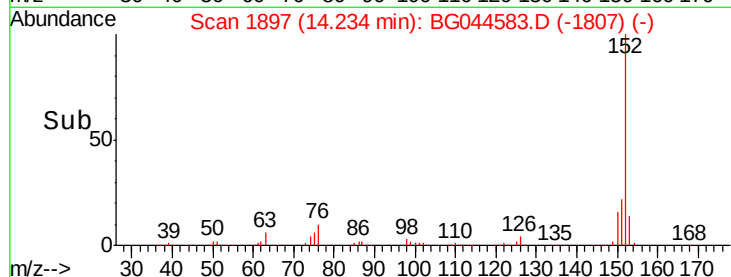
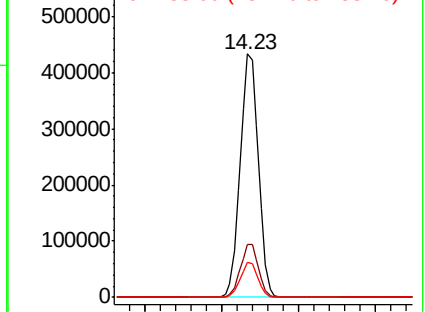


Abundance

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: 43.943 ng

RT: 13.98 min Scan# 1853

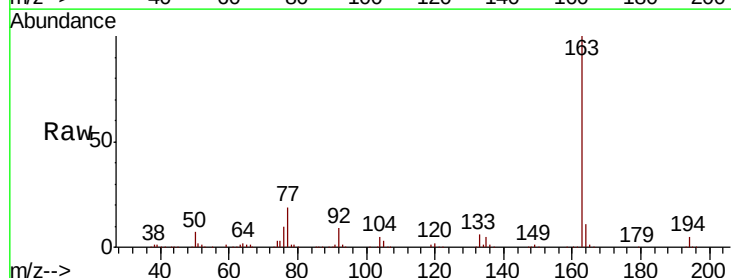
Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Tgt Ion:163 Resp: 617436

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	11.0	8.7	13.1

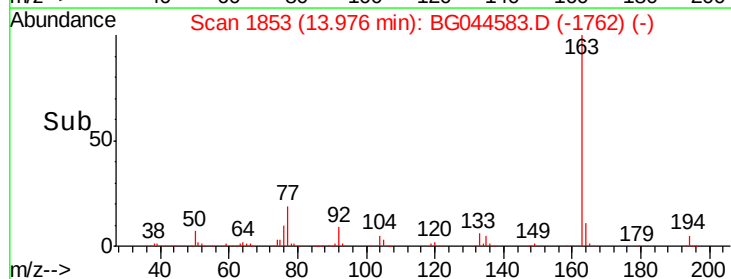
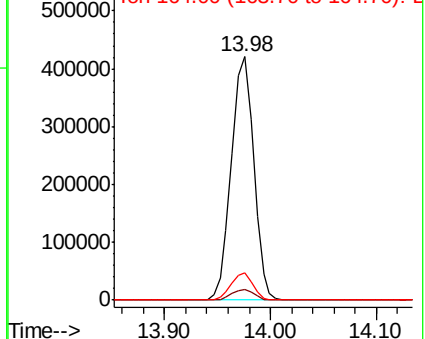


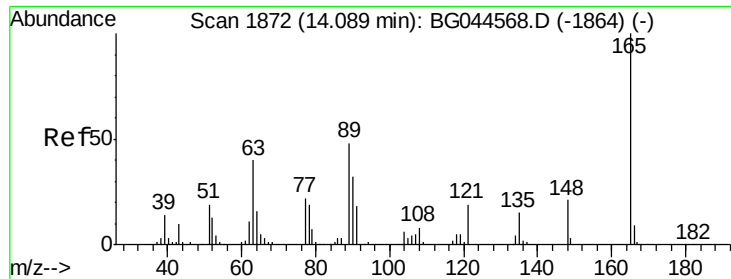
Abundance

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: 43.603 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044583.D

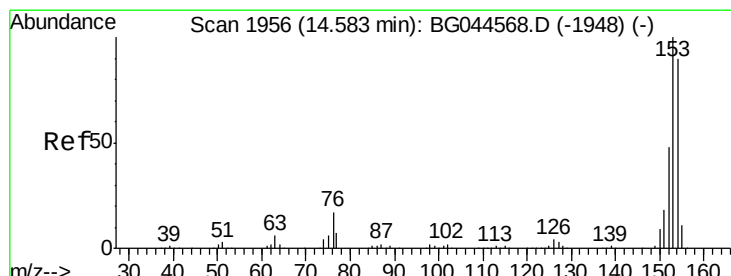
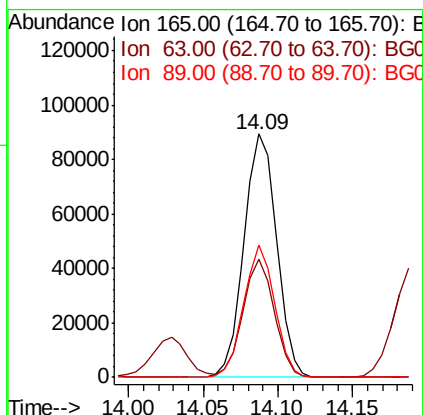
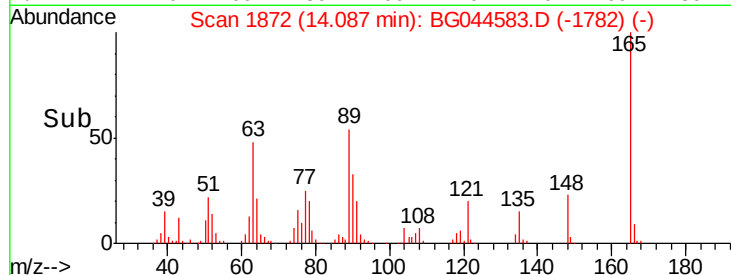
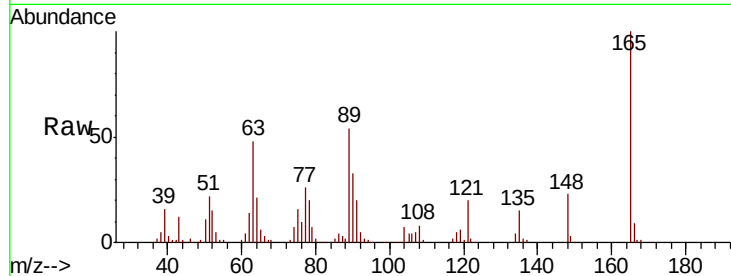
Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampled :

Tot Ion:165	Resp:	135118
Ion Ratio	Lower	Upper
165	100	
63	48.3	35.8 53.6
89	54.5	38.7 58.1



#52

Acenaphthene

Concen: 41.220 ng

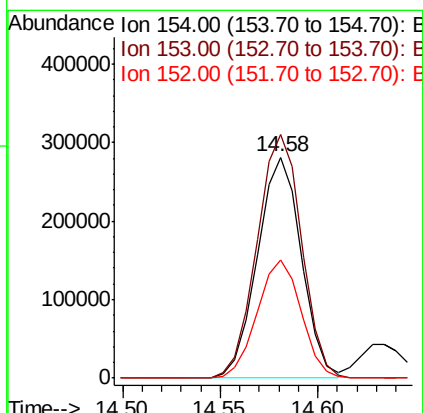
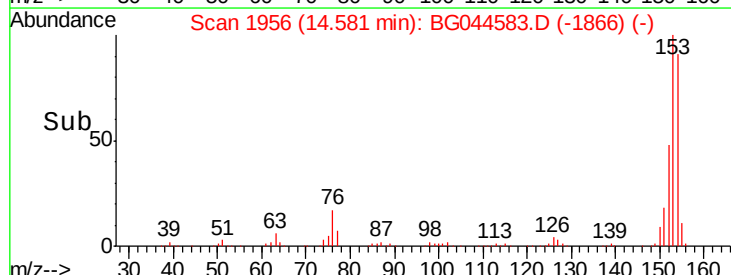
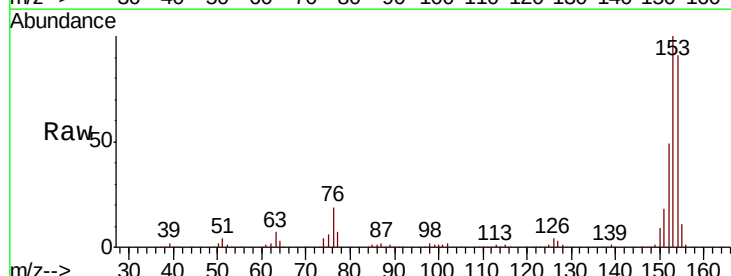
RT: 14.58 min Scan# 1956

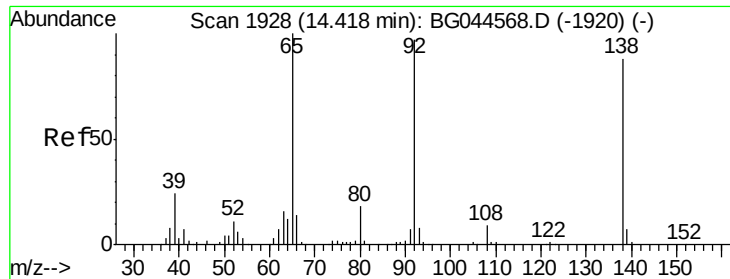
Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Tgt Ion:154	Resp:	438151
Ion Ratio	Lower	Upper
154	100	
153	110.4	89.4 134.0
152	53.5	43.0 64.4

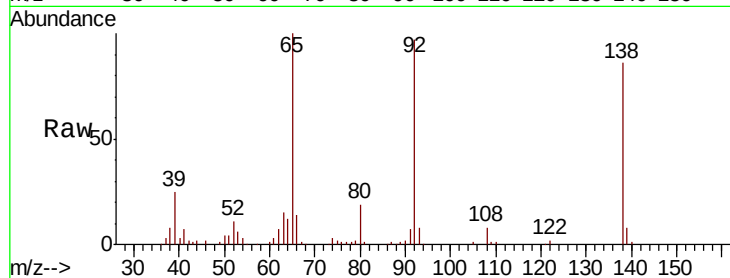




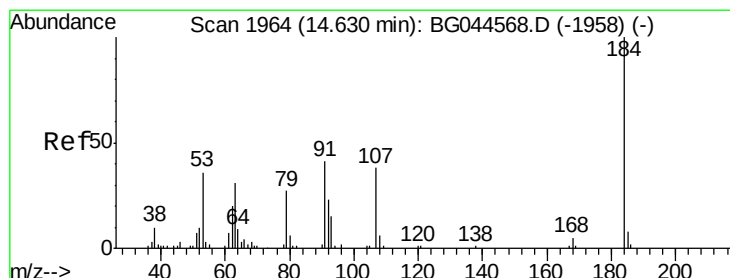
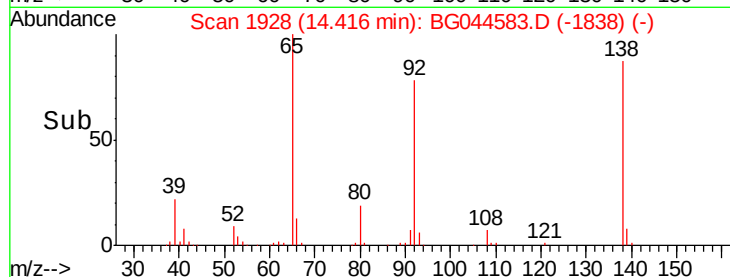
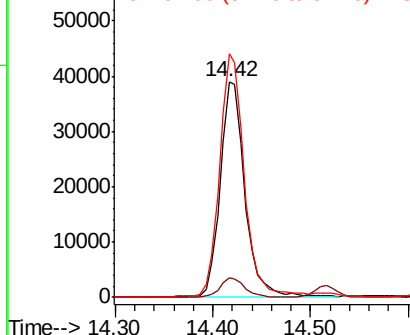
#53
3-Nitroaniline
Concen: 20.518 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 68573
Ion Ratio Lower Upper
138 100
108 9.0 7.9 11.9
92 112.7 87.4 131.2

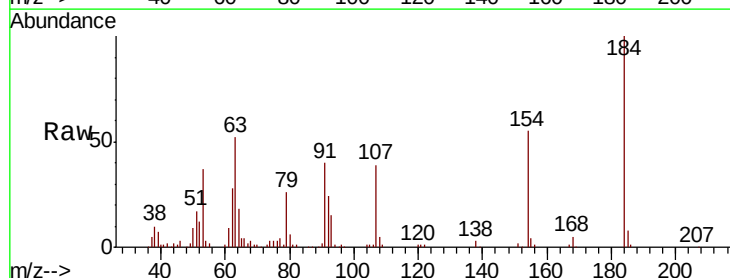


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

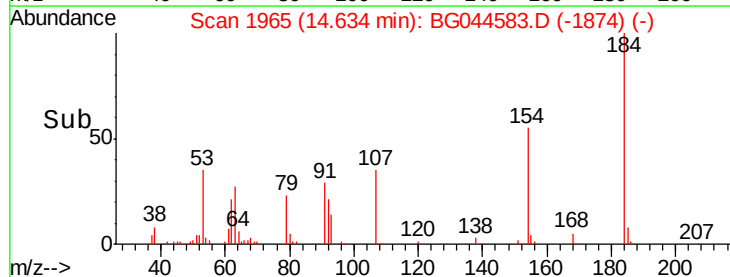
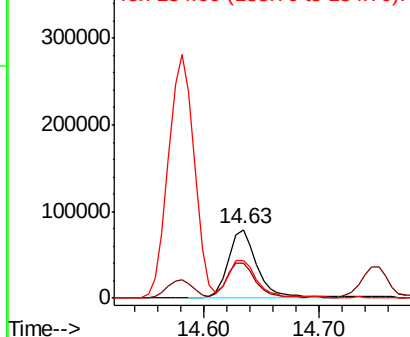


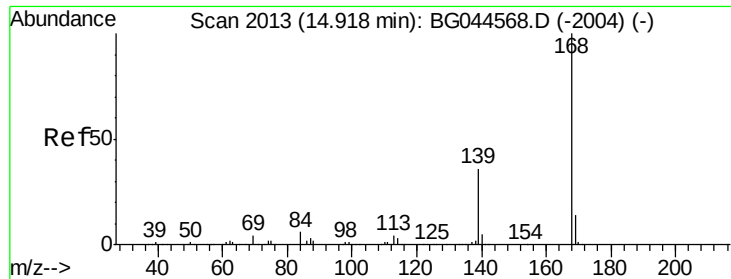
#54
2,4-Dinitrophenol
Concen: 75.336 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:184 Resp: 137951
Ion Ratio Lower Upper
184 100
63 52.2 42.1 63.1
154 55.0 43.4 65.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

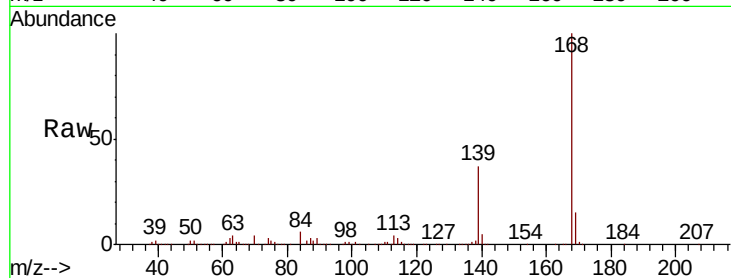




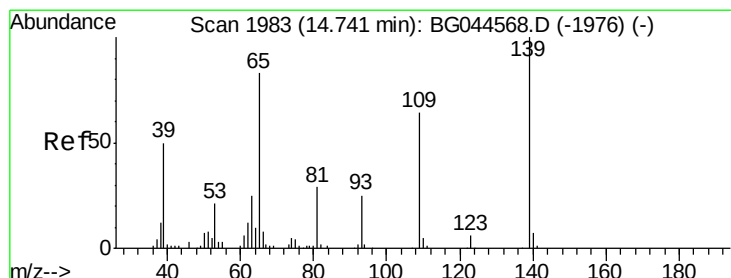
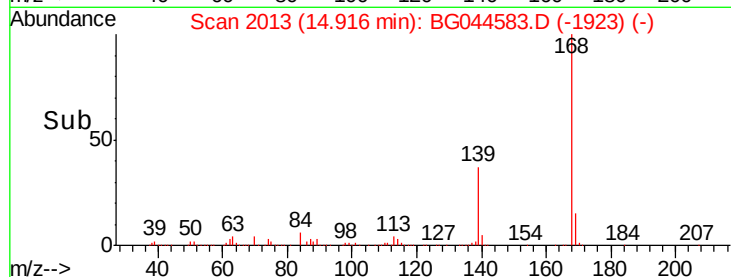
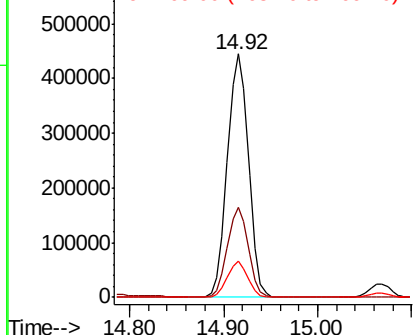
#55
Dibenzofuran
Concen: 42.596 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 694139
Ion Ratio Lower Upper
168 100
139 36.9 29.2 43.8
169 14.7 11.0 16.6

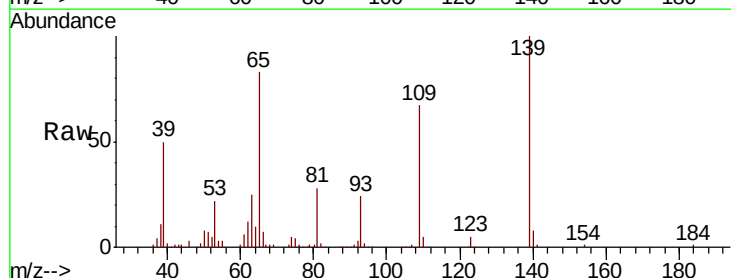


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

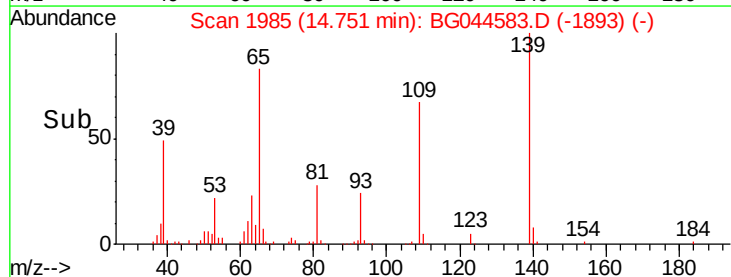
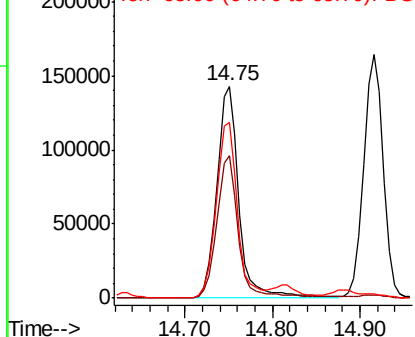


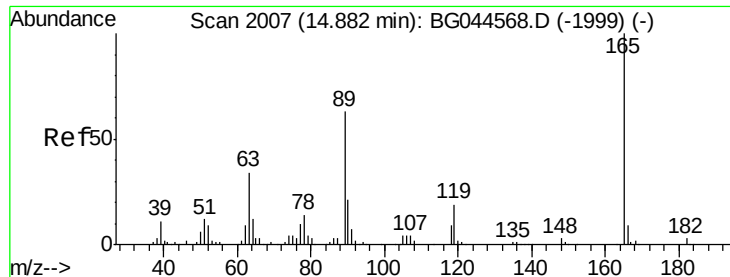
#56
4-Nitrophenol
Concen: 108.833 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:139 Resp: 250195
Ion Ratio Lower Upper
139 100
109 67.1 43.8 83.8
65 83.2 63.6 103.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

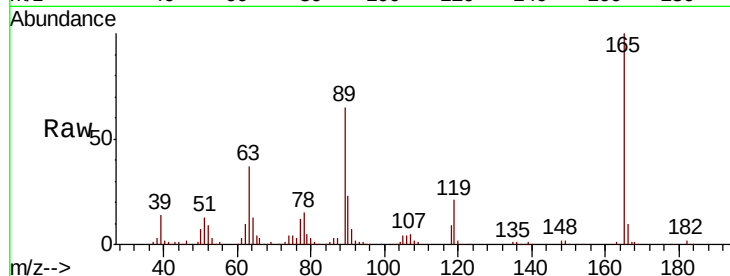




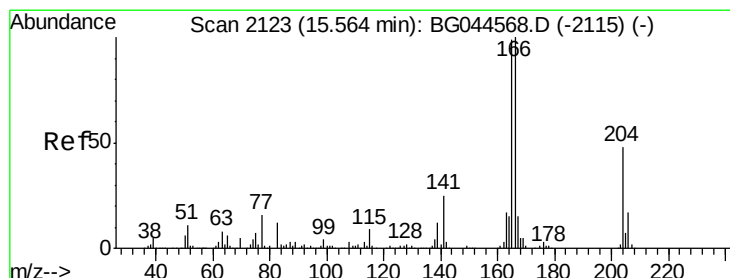
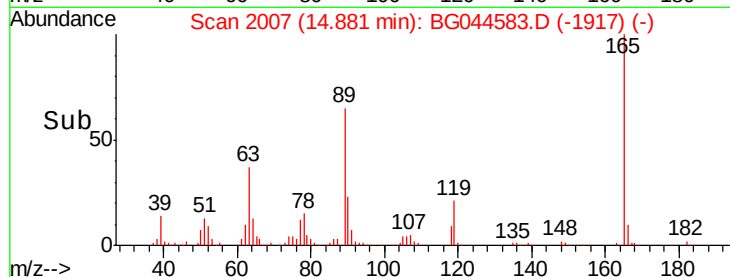
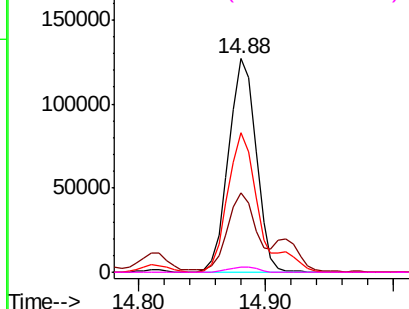
#57
 2,4-Dinitrotoluene
 Concen: 43.756 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	190631
Ion Ratio	Lower	Upper
165	100	
63	37.4	27.5 41.3
89	65.5	50.0 75.0
182	2.4	2.3 3.5

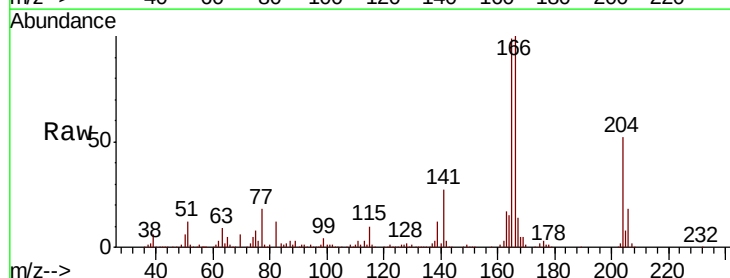


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

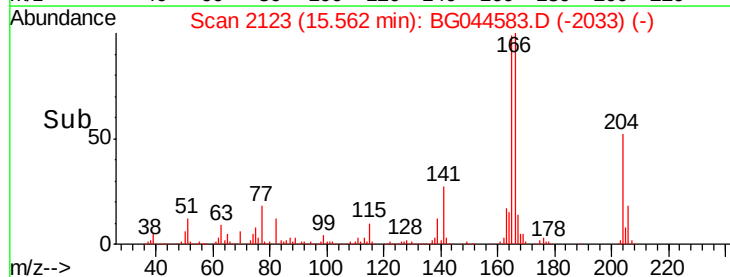
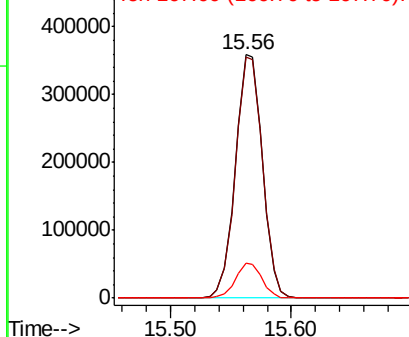


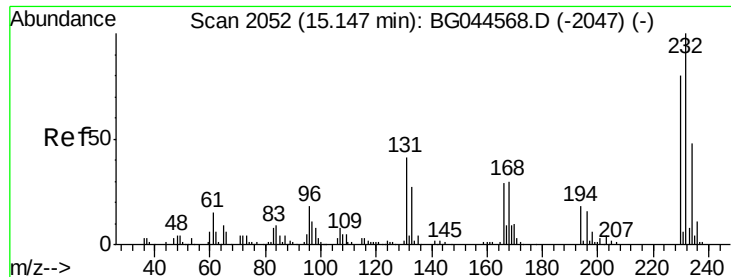
#58
 Fluorene
 Concen: 43.241 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion:166	Resp:	558703
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.2 118.8
167	14.3	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

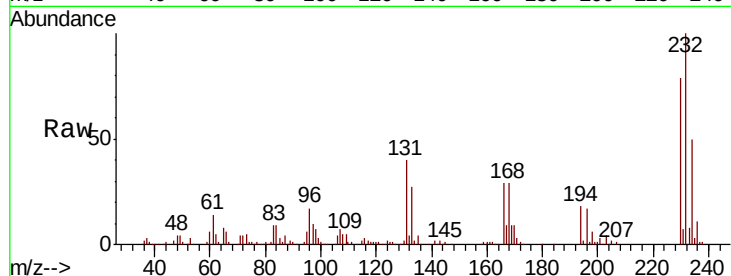




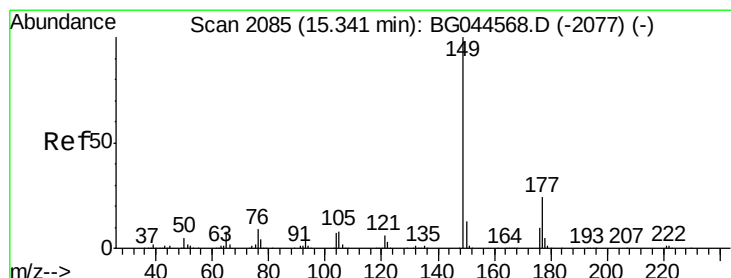
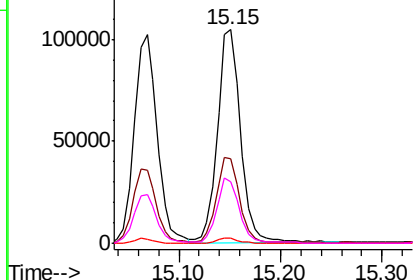
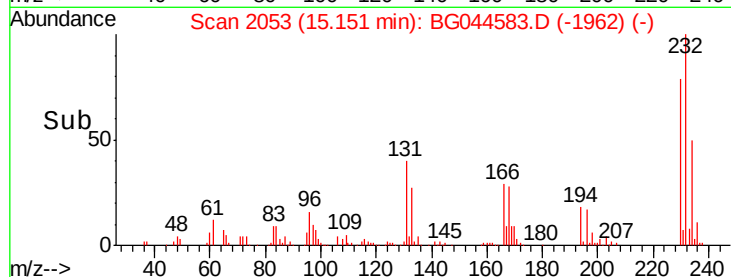
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.025 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	165677
Ion	Ratio	Lower	Upper
232	100		
131	40.1	31.8	47.6
130	2.3	1.8	2.6
166	29.5	22.7	34.1

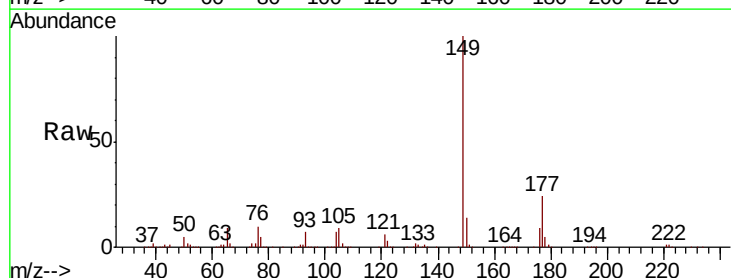


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

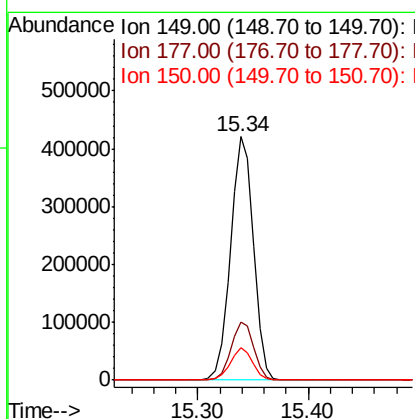
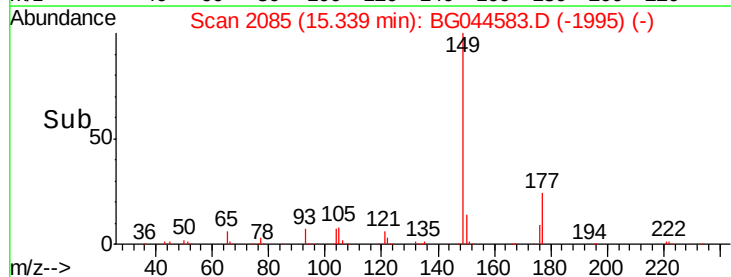


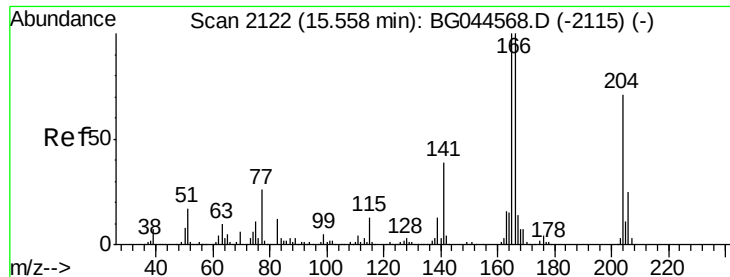
#60
Diethylphthalate
Concen: 43.702 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:	149	Resp:	608419
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.2	28.8
150	13.6	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

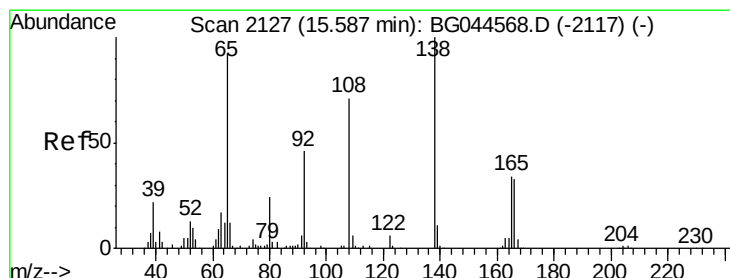
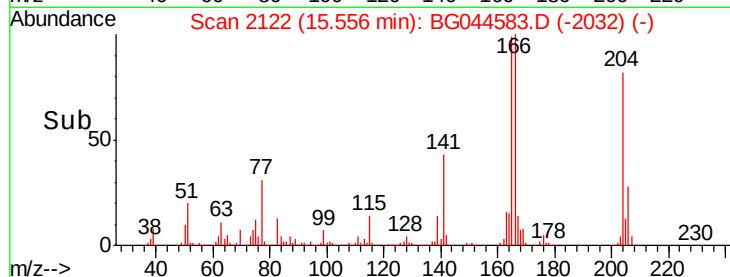
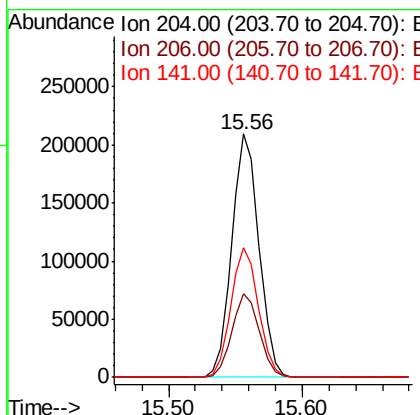
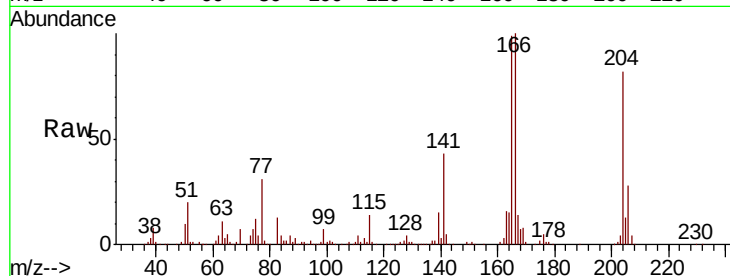




#61
 4-Chlorophenyl-phenylether
 Concen: 42.178 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

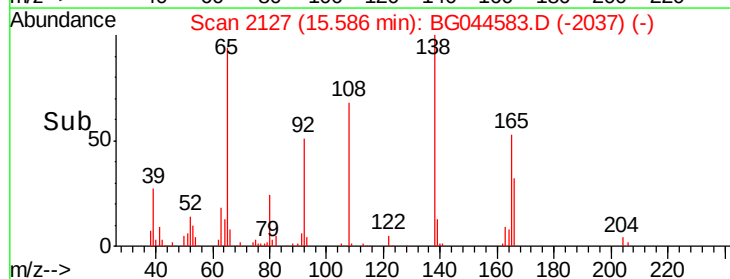
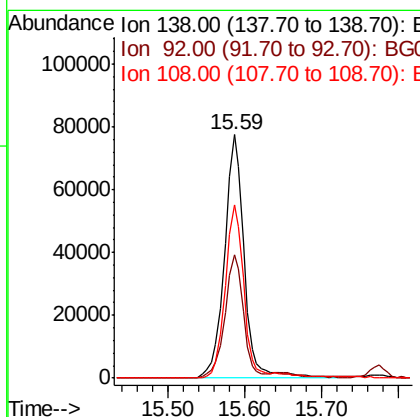
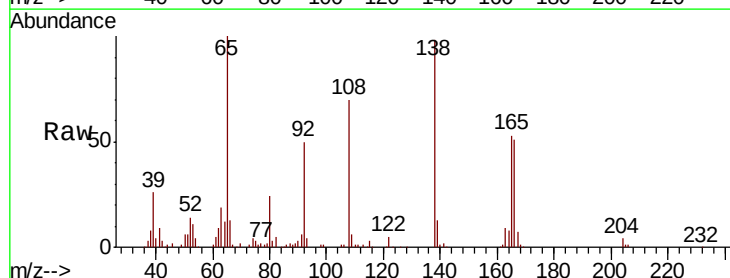
Instrument :
 BNA_G
 ClientSampled :

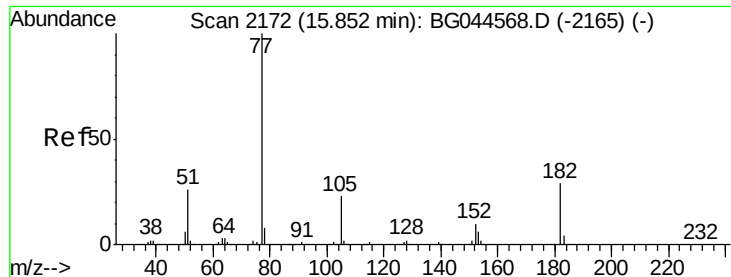
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.8	41.8
141	53.1	43.8	65.8



#62
 4-Nitroaniline
 Concen: 41.526 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	26.4	66.4
108	71.1	50.5	90.5





#63

Azobenzene

Concen: 44.452 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 526684

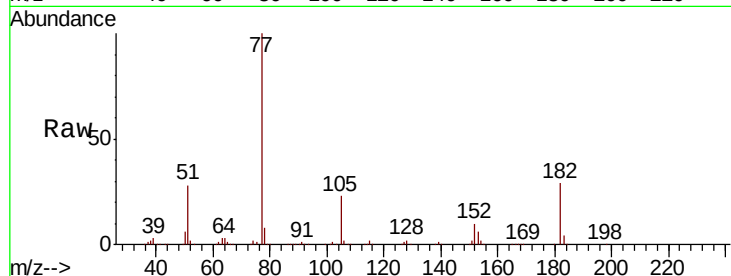
Ion Ratio Lower Upper

77 100

182 28.6 9.4 49.4

105 22.8 3.4 43.4

51 27.9 6.4 46.4

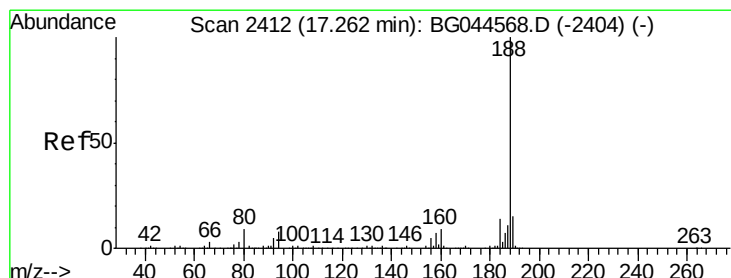
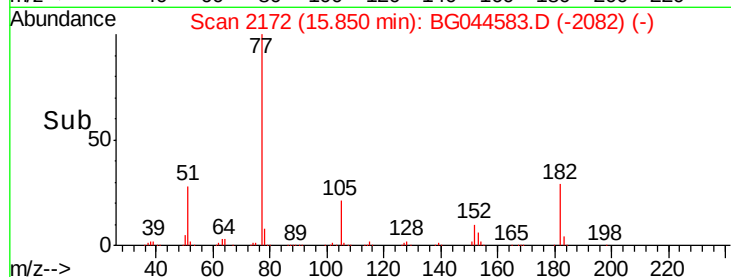
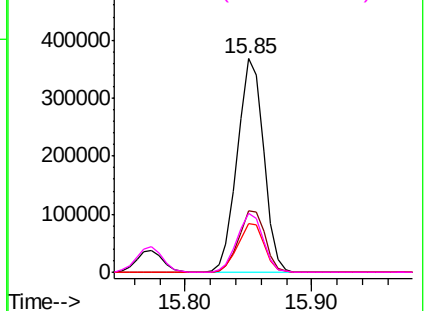


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

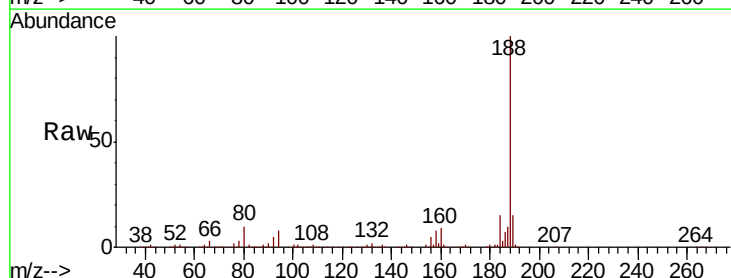
Tgt Ion: 188 Resp: 407512

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

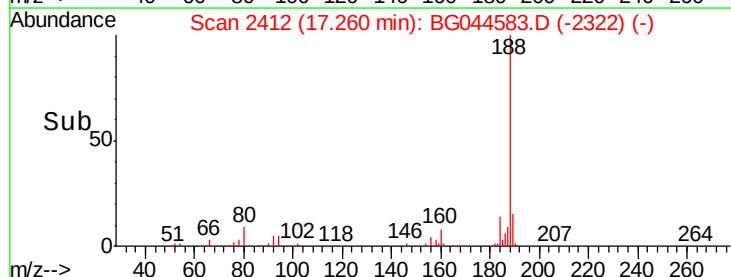
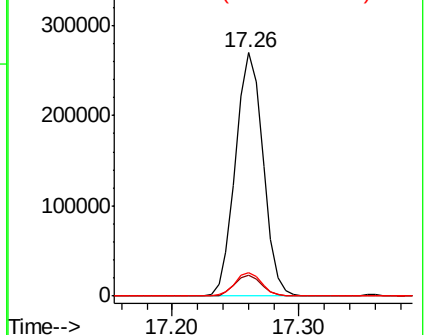
80 9.7 7.6 11.4

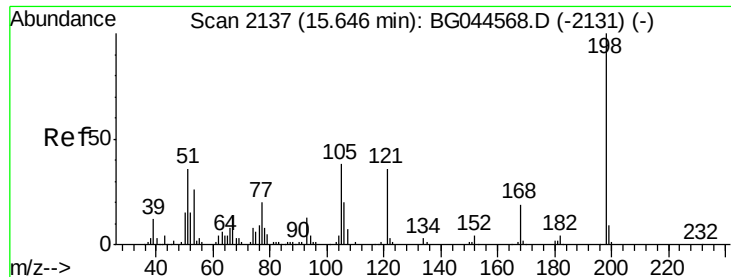


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.626 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampled :

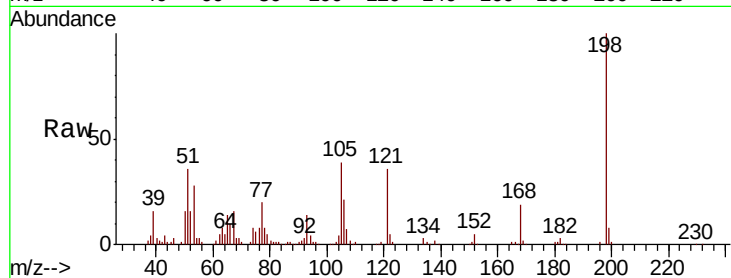
Tot Ion:198 Resp: 117650

Ion	Ratio	Lower	Upper
198	100		
51	35.5	17.0	57.0
105	39.1	18.4	58.4

198 100

51 35.5 17.0 57.0

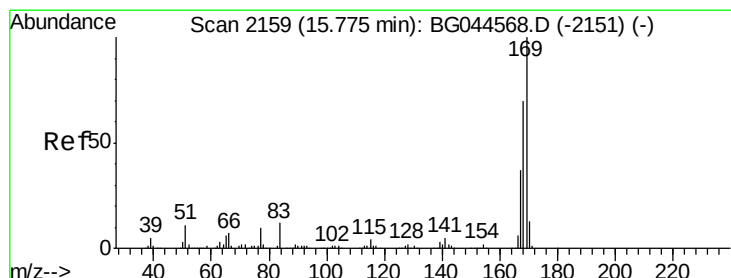
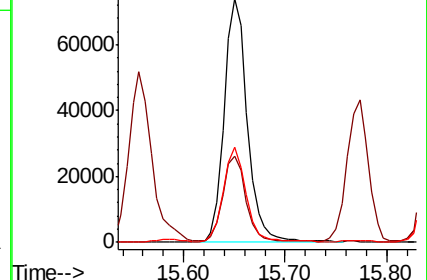
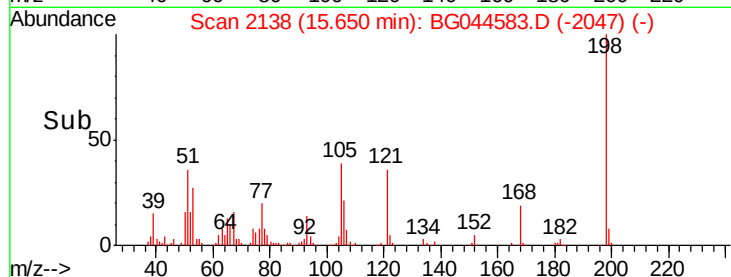
105 39.1 18.4 58.4



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: 41.372 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

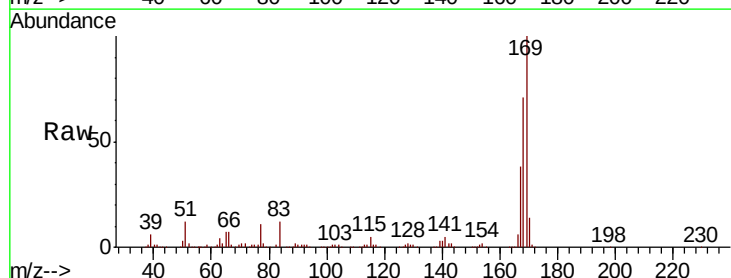
Tgt Ion:169 Resp: 525900

Ion	Ratio	Lower	Upper
169	100		
168	71.5	56.1	84.1
167	37.8	29.4	44.0

169 100

168 71.5 56.1 84.1

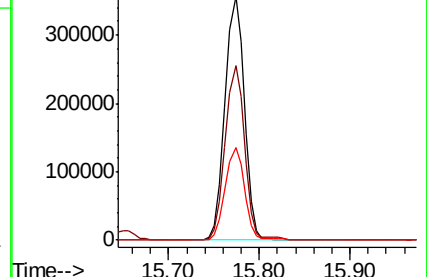
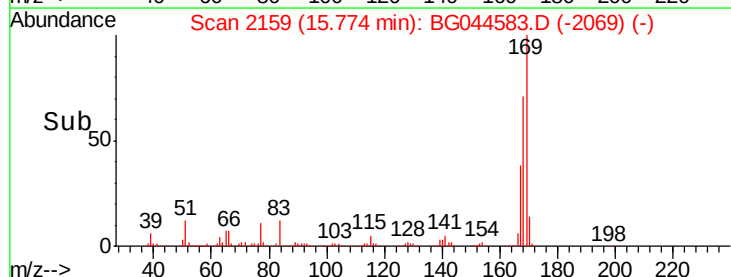
167 37.8 29.4 44.0

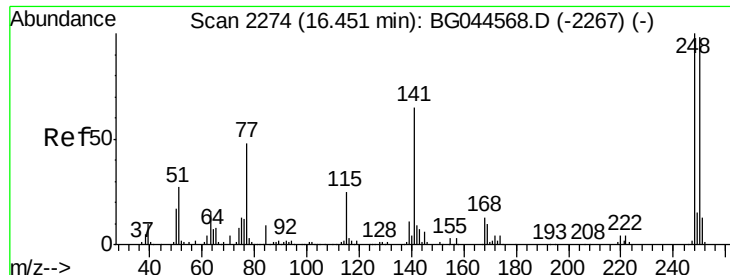


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

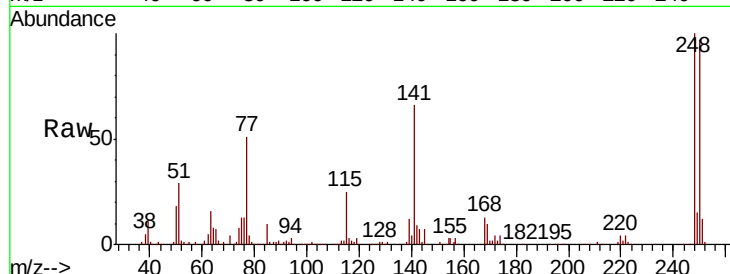




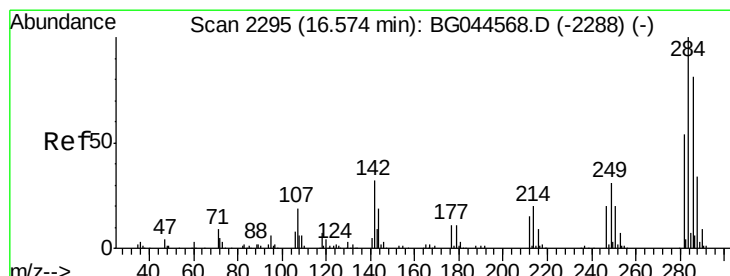
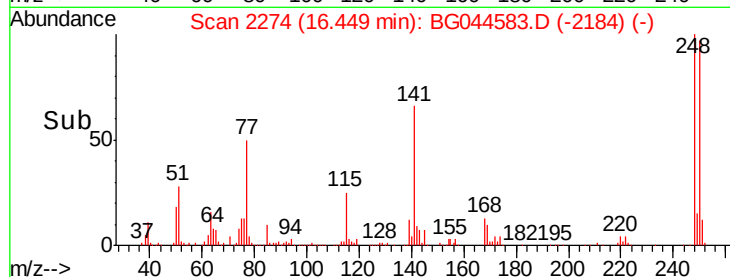
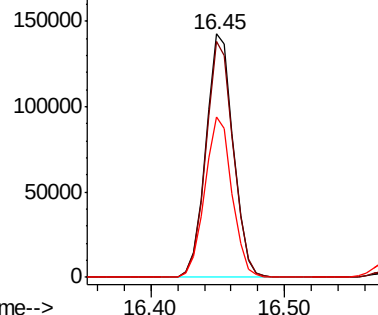
#67
 4-Bromophenyl-phenylether
 Concen: 40.164 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 203164
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.7 118.1
 141 65.7 52.3 78.5

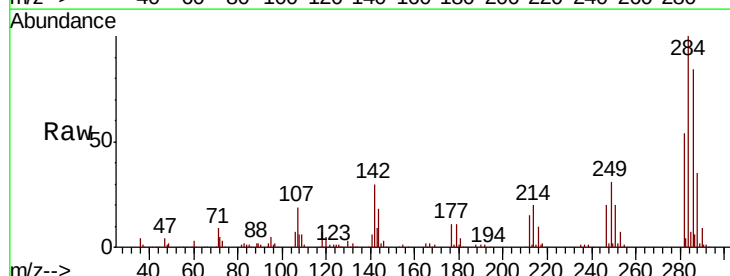


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

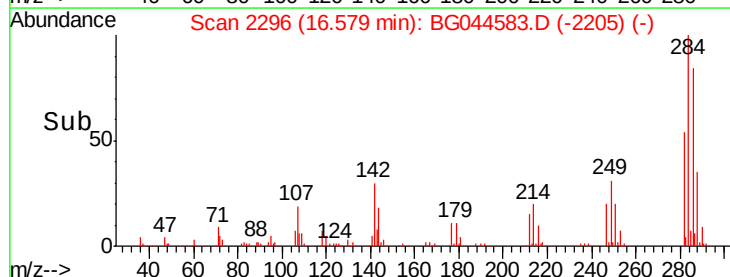
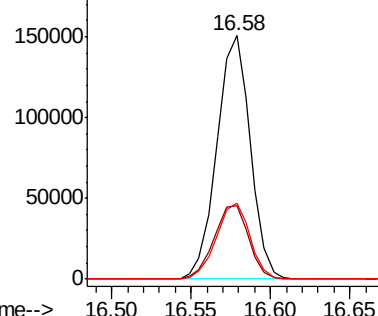


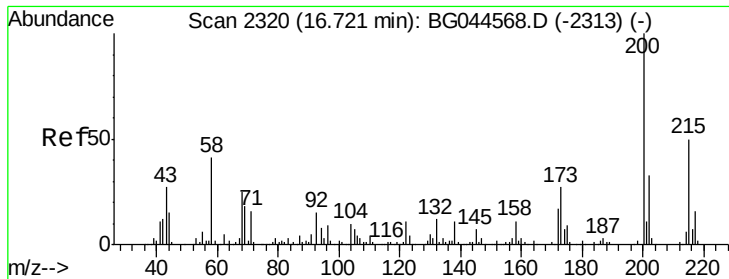
#68
 Hexachlorobenzene
 Concen: 38.511 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion:284 Resp: 220247
 Ion Ratio Lower Upper
 284 100
 142 30.2 25.6 38.4
 249 31.2 24.6 36.8



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

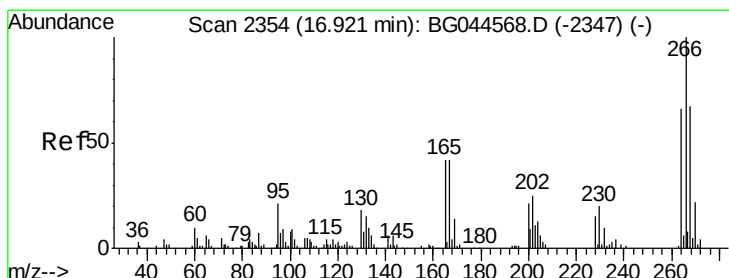
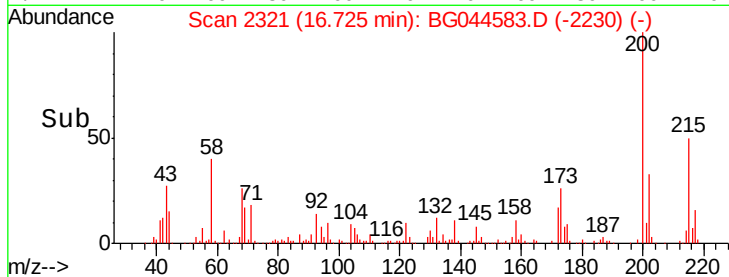
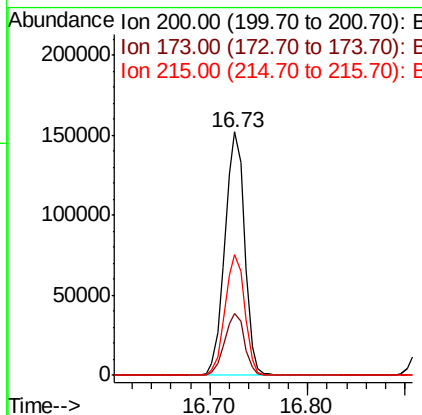
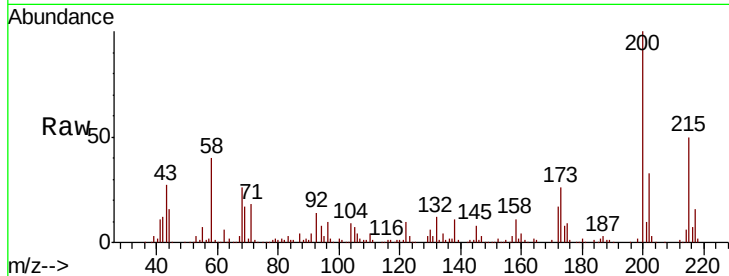




#69
 Atrazine
 Concen: 45.513 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

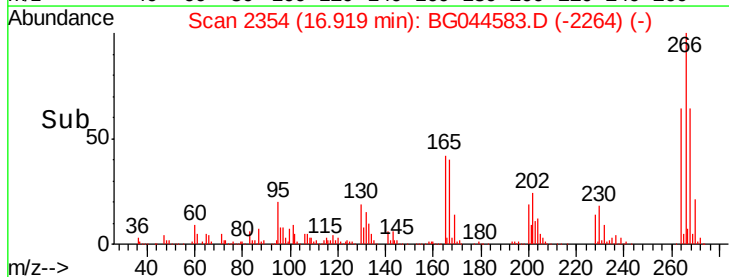
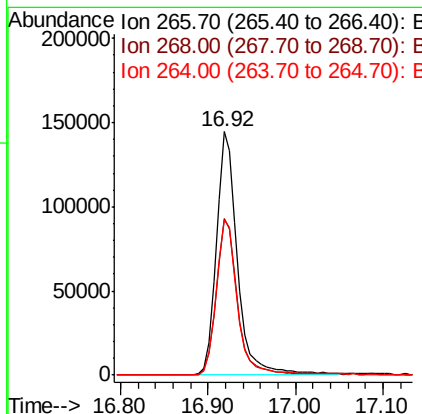
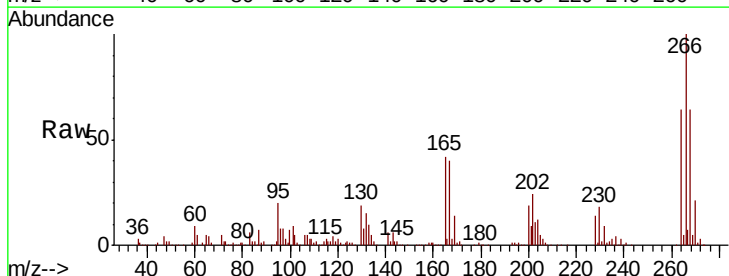
Instrument :
 BNA_G
 ClientSampleId :

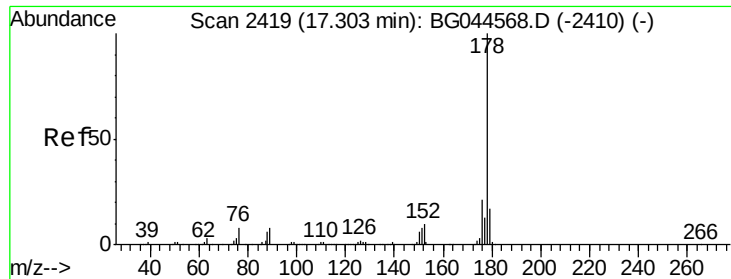
Tot Ion:200 Resp: 213877
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.6 46.6
 215 49.8 30.3 70.3



#70
 Pentachlorophenol
 Concen: 86.045 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044583.D
 Acq: 25 Feb 2020 19:16

Tgt Ion:266 Resp: 242487
 Ion Ratio Lower Upper
 266 100
 268 64.5 53.4 80.0
 264 63.7 53.0 79.4

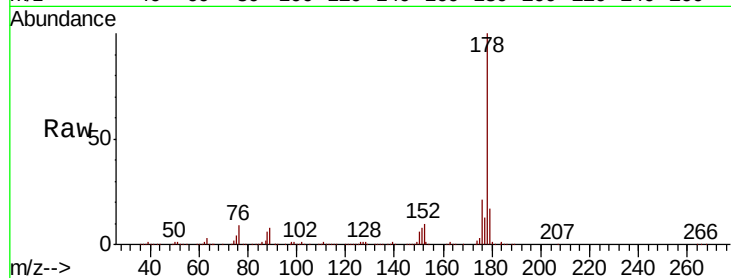




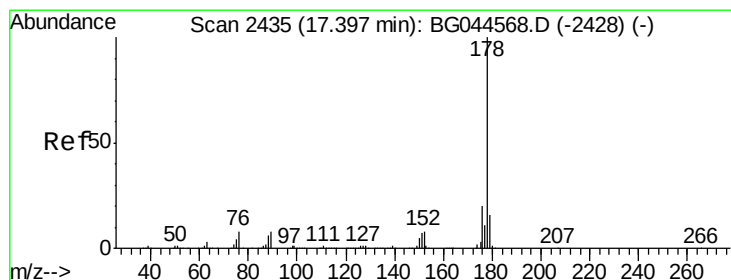
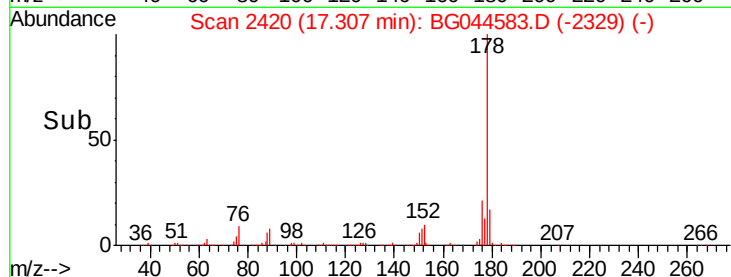
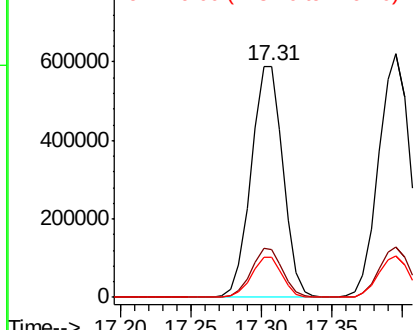
#71
Phenanthrene
Concen: 41.540 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 937187
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 17.1 13.3 19.9

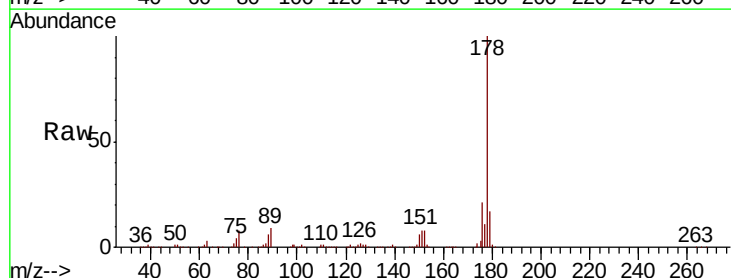


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

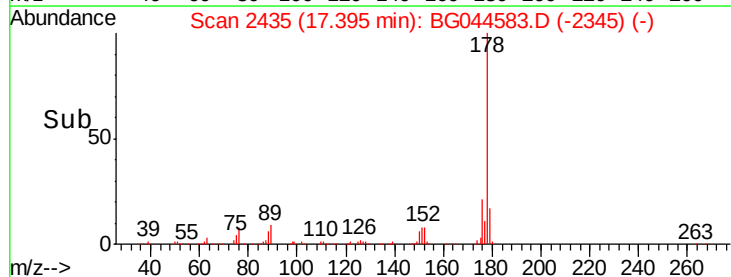
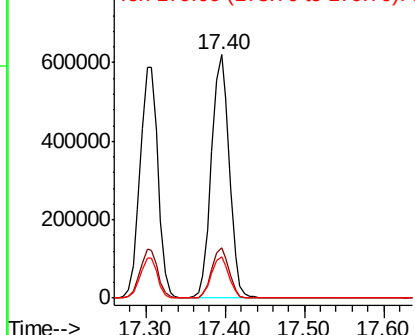


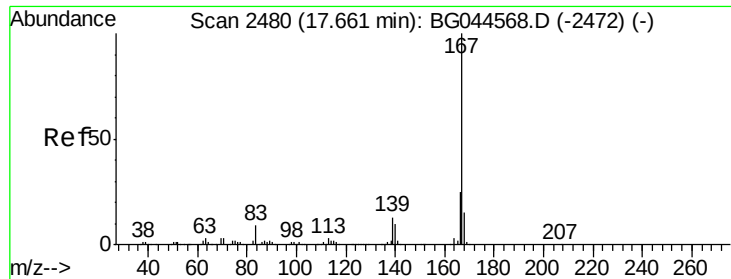
#72
Anthracene
Concen: 43.507 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:178 Resp: 967318
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.924 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

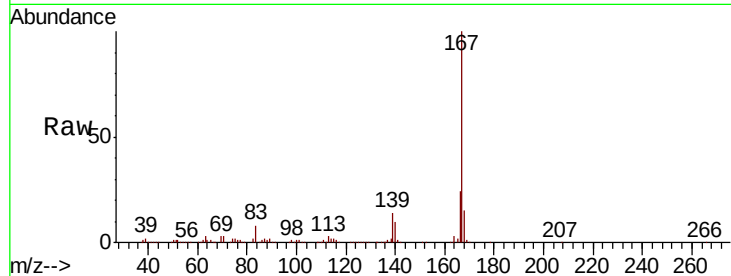
Tot Ion:167 Resp: 888928

Ion Ratio Lower Upper

167 100

166 24.4 19.7 29.5

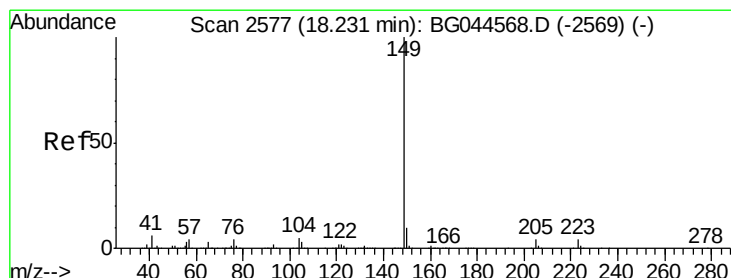
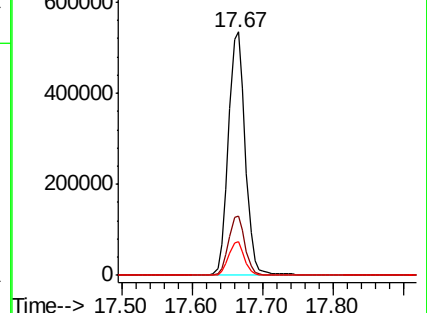
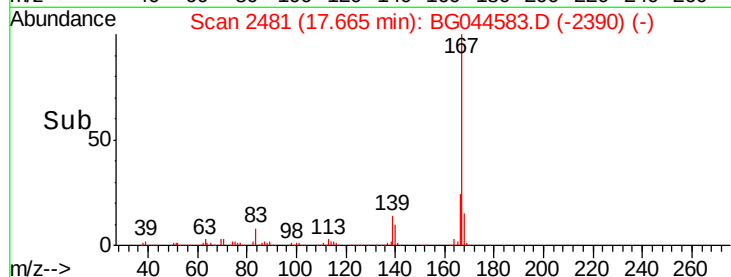
139 13.7 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.655 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

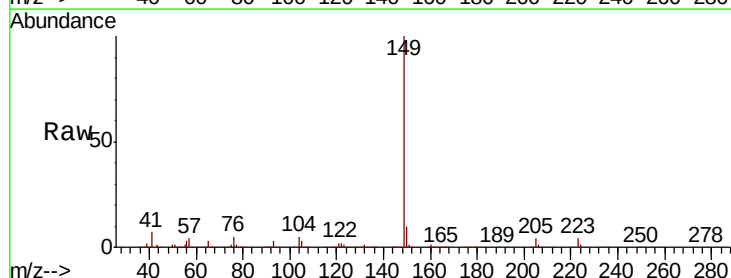
Tgt Ion:149 Resp: 1081745

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.8

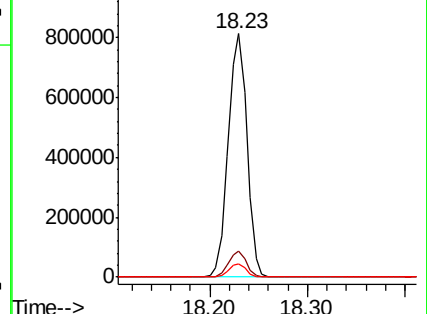
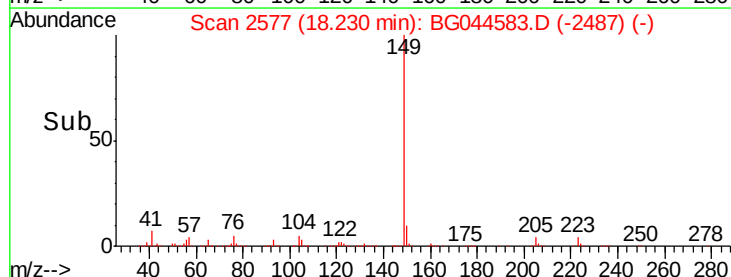
104 5.2 4.0 6.0

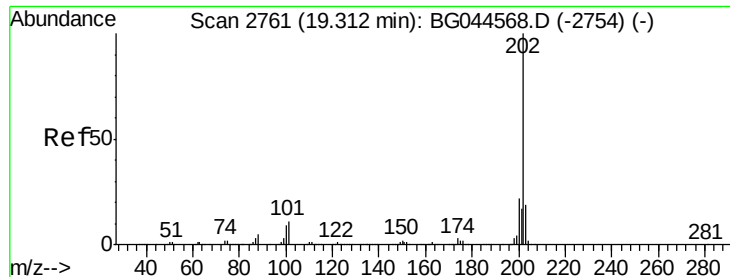


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.466 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampled :

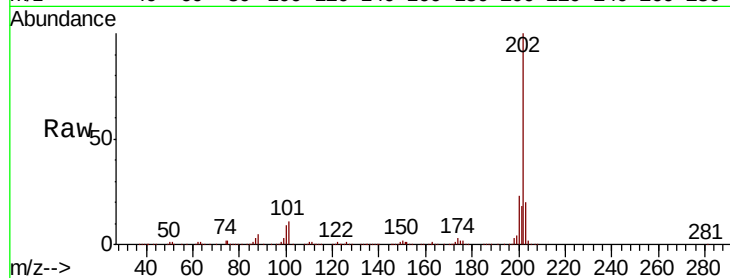
Tot Ion:202 Resp: 1160889

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.0

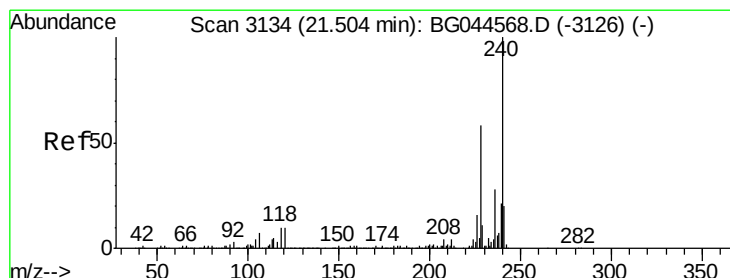
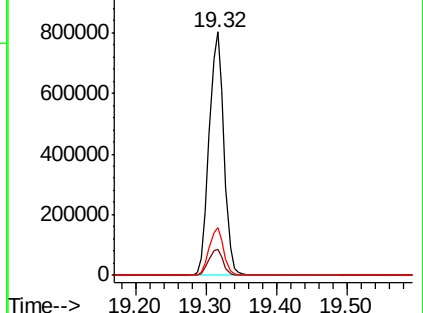
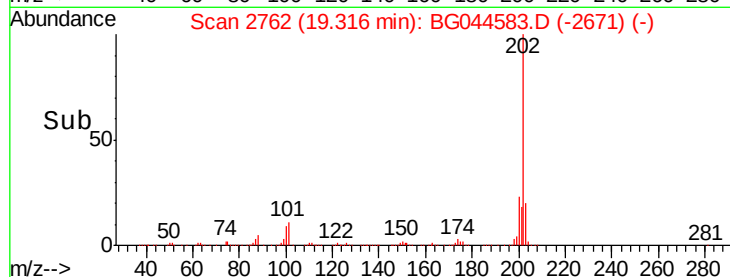
203 19.8 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

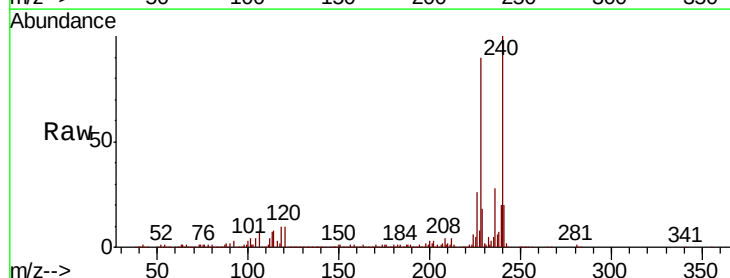
Tgt Ion:240 Resp: 377403

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

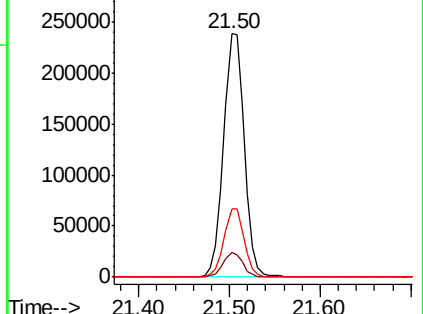
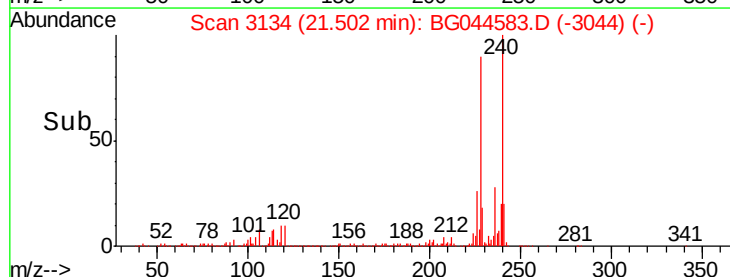
236 27.9 22.3 33.5

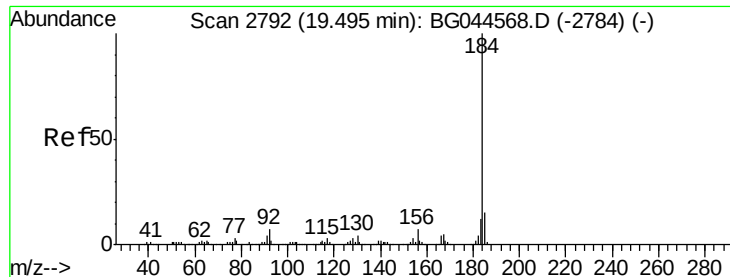


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.939 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

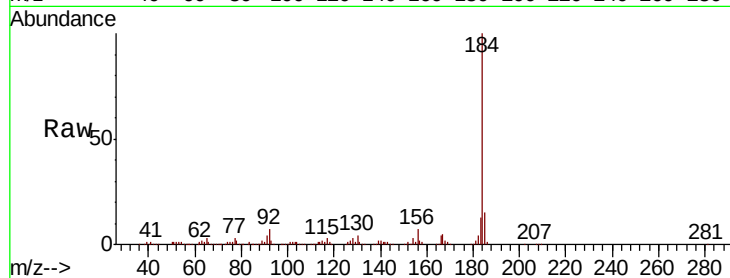
Tot Ion:184 Resp: 387052

Ion Ratio Lower Upper

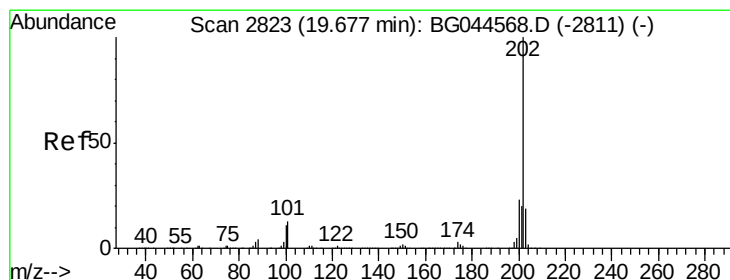
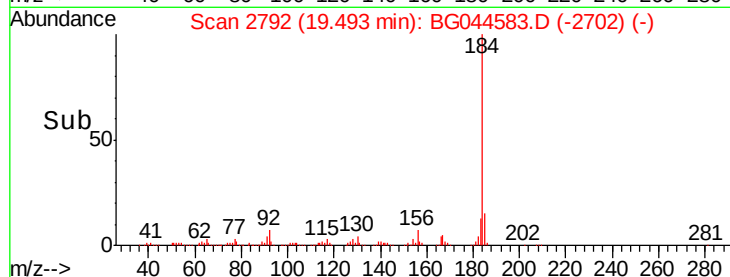
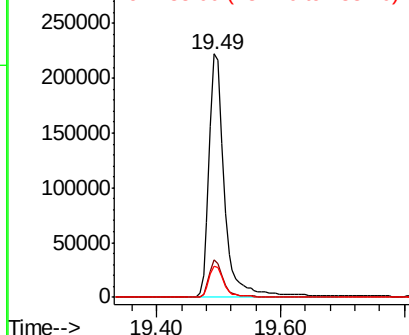
184 100

185 15.3 12.2 18.4

183 12.7 9.9 14.9



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



#78

Pyrene

Concen: 42.227 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

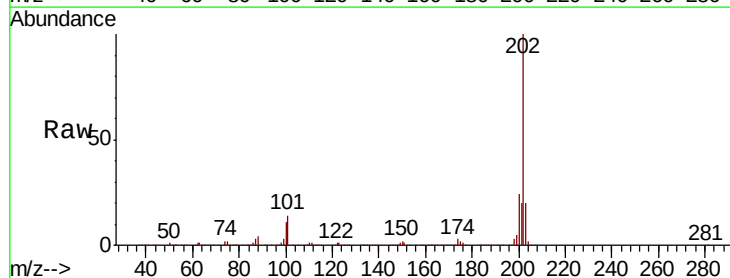
Tgt Ion:202 Resp: 1156860

Ion Ratio Lower Upper

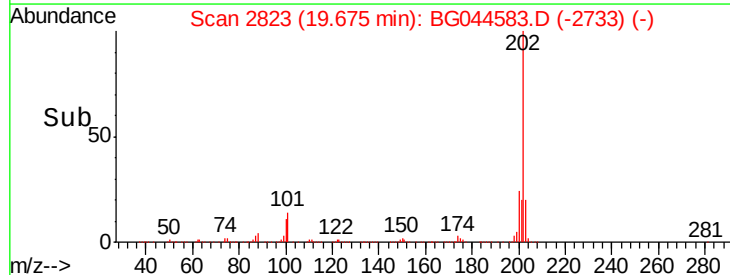
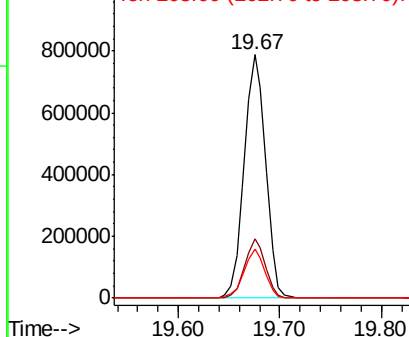
202 100

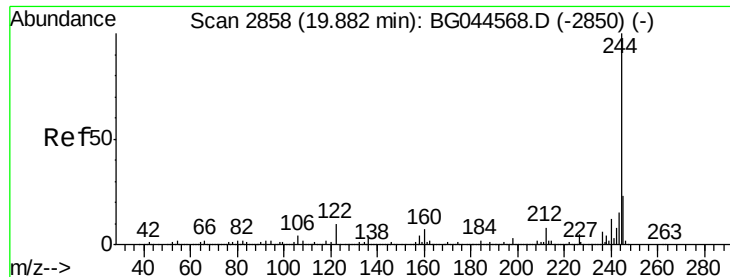
200 24.3 18.6 28.0

203 20.4 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: 69.062 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

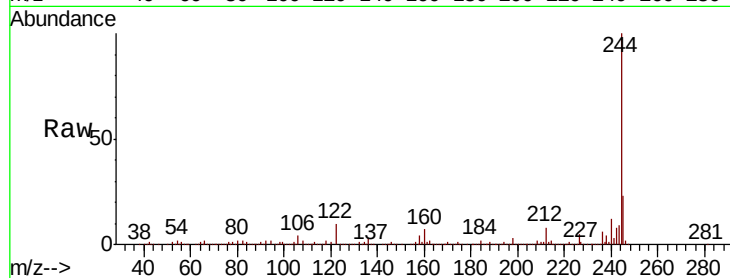
Tot Ion:244 Resp: 1376826

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

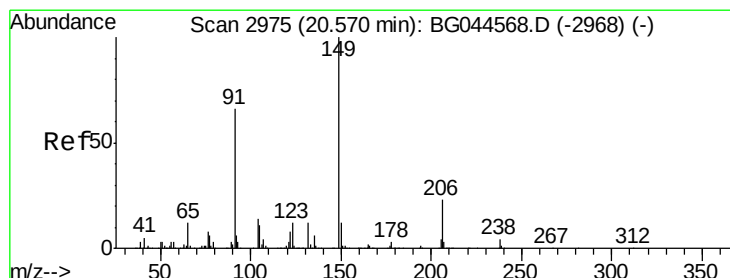
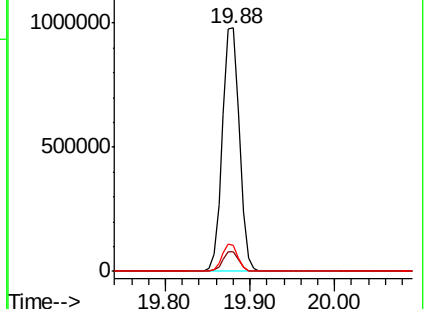
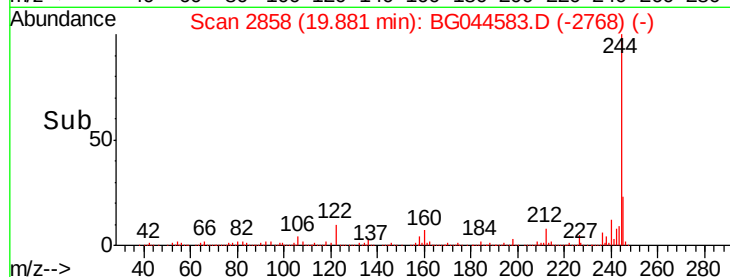
122 10.4 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.612 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

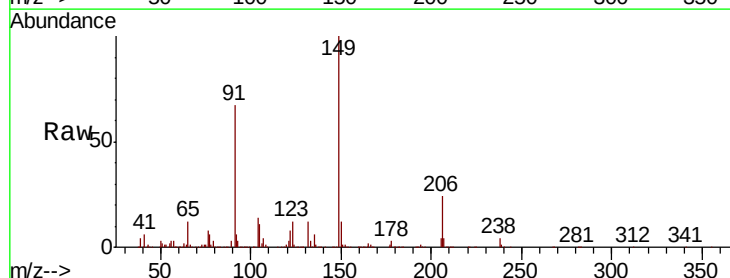
Tgt Ion:149 Resp: 498655

Ion Ratio Lower Upper

149 100

91 66.8 52.7 79.1

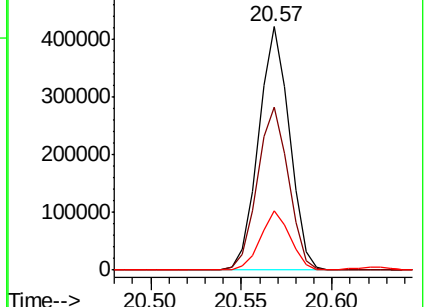
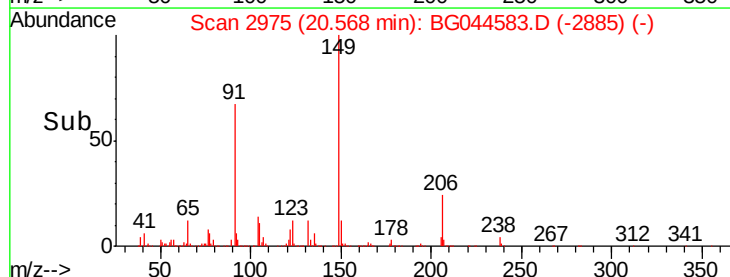
206 24.4 18.6 28.0

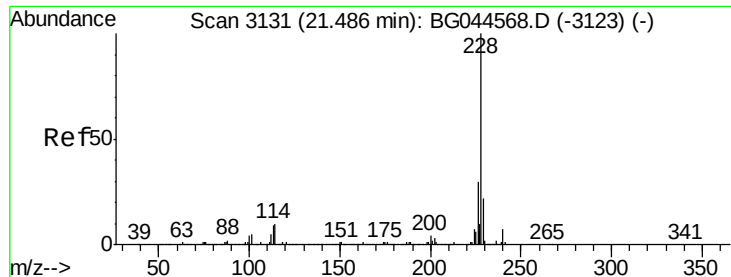


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.430 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

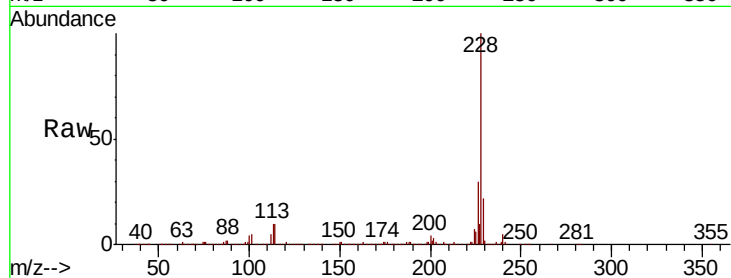
Tot Ion:228 Resp: 1125453

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	21.7	17.2	25.8

228 100

226 30.1 23.8 35.8

229 21.7 17.2 25.8

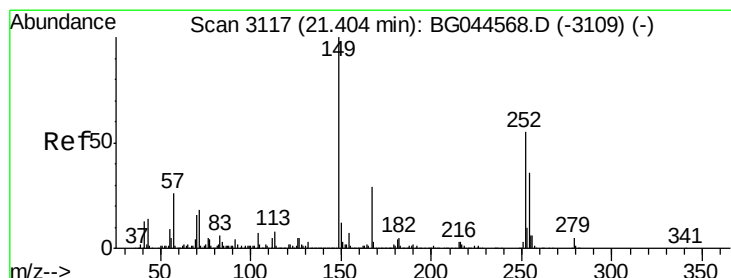
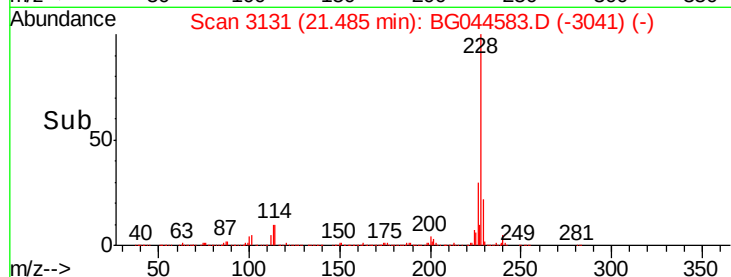
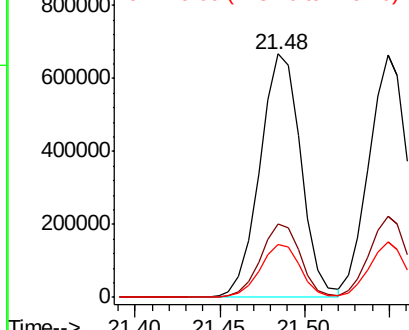


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.002 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

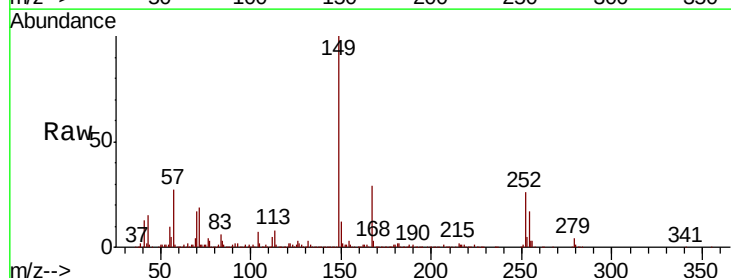
Tgt Ion:252 Resp: 209607

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	10.2	7.8	11.6

252 100

254 63.9 51.5 77.3

126 10.2 7.8 11.6

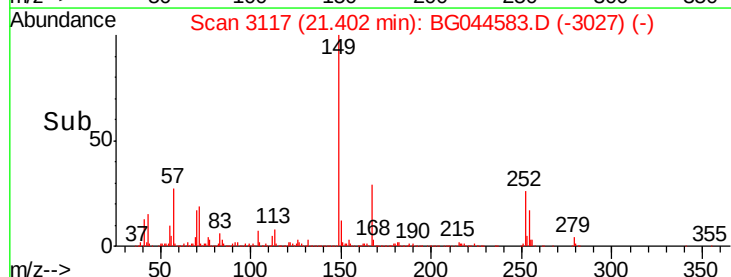
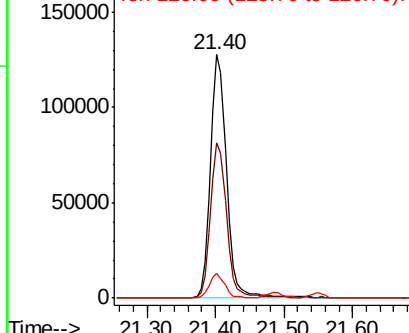


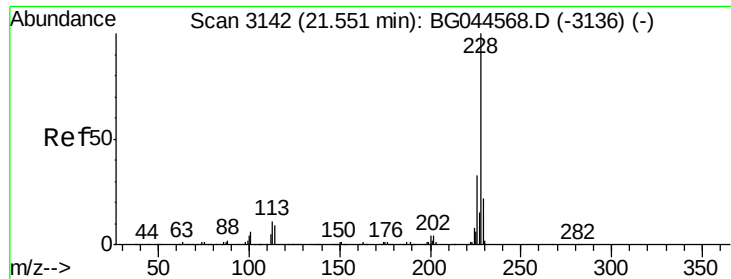
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.498 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

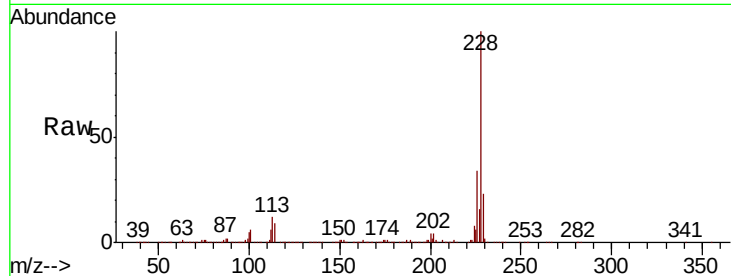
Tot Ion:228 Resp: 1064254

Ion Ratio Lower Upper

228 100

226 33.7 26.1 39.1

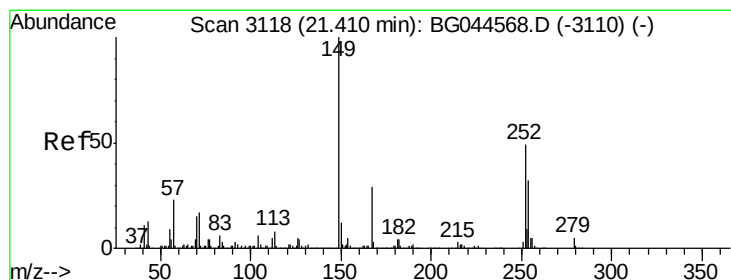
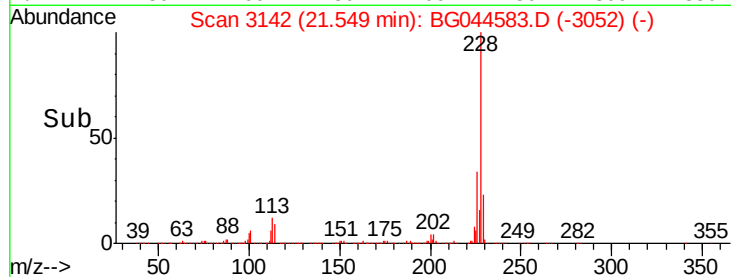
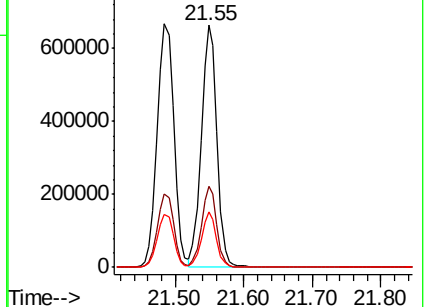
229 22.7 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.660 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

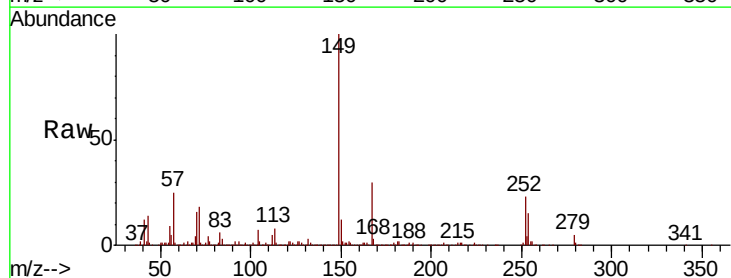
Tgt Ion:149 Resp: 720912

Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.0

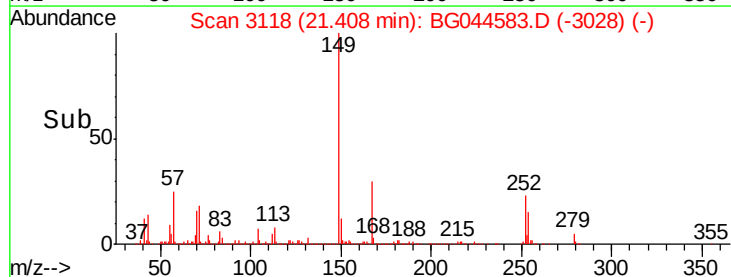
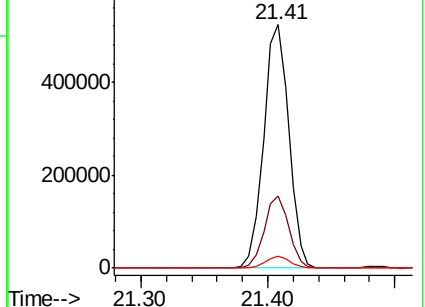
279 5.1 4.2 6.4

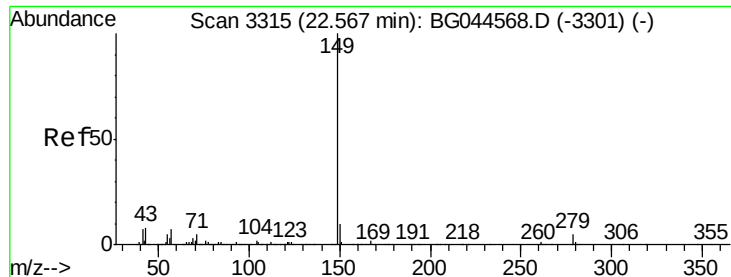


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.947 ng

RT: 22.57 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampled :

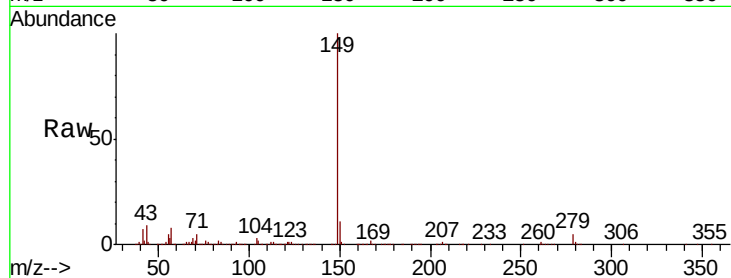
Tot Ion:149 Resp: 1247643

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

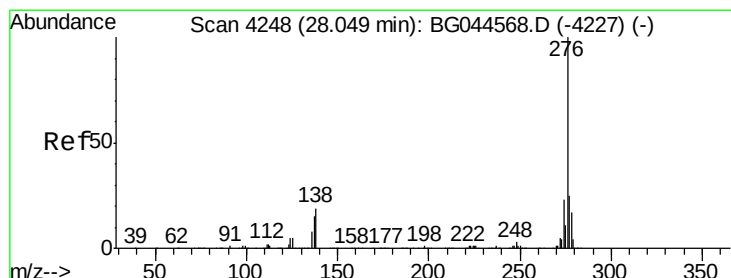
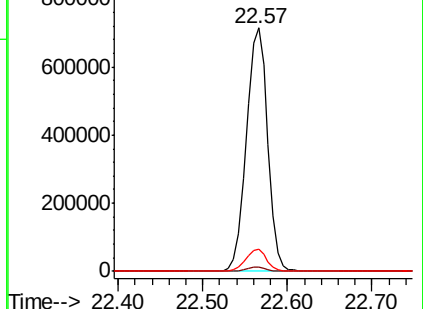
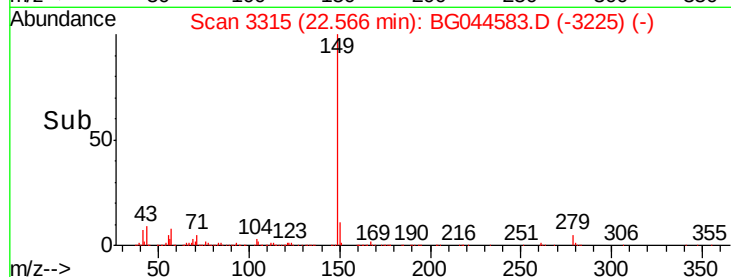
43 8.8 6.6 10.0



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: 42.367 ng

RT: 28.05 min Scan# 4249

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

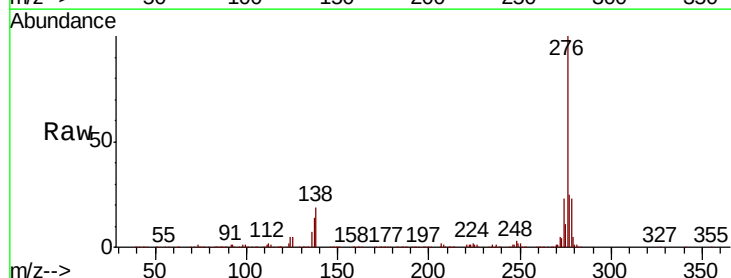
Tgt Ion:276 Resp: 1394417

Ion Ratio Lower Upper

276 100

138 22.9 18.2 27.4

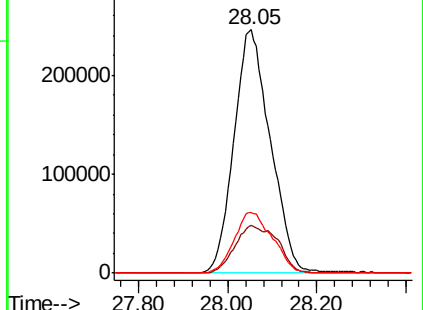
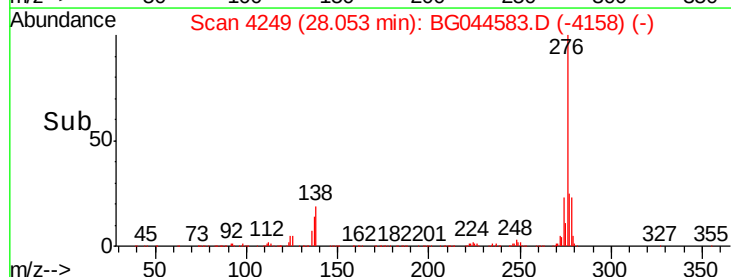
277 26.4 20.7 31.1

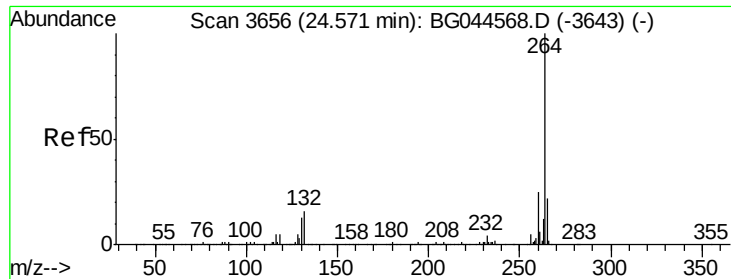


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3656

Delta R.T. -0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

Instrument :

BNA_G

ClientSampleId :

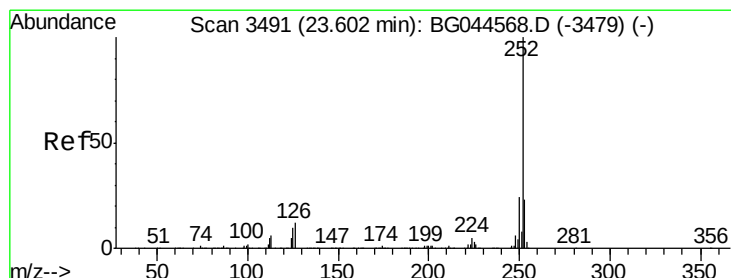
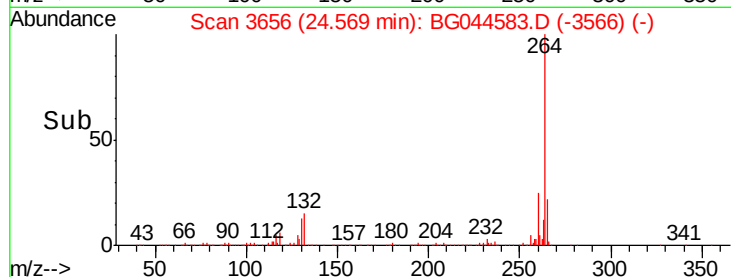
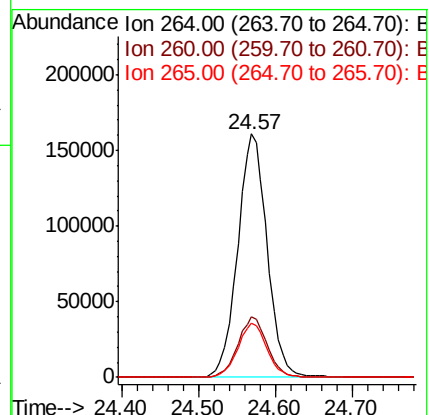
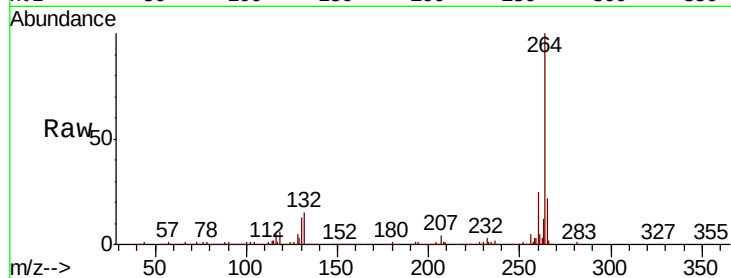
Tot Ion:264 Resp: 428570

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.1 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 41.932 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG044583.D

Acq: 25 Feb 2020 19:16

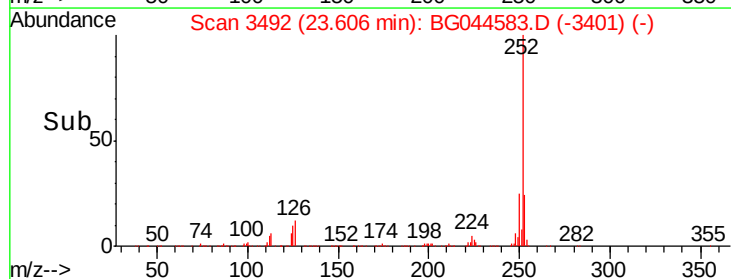
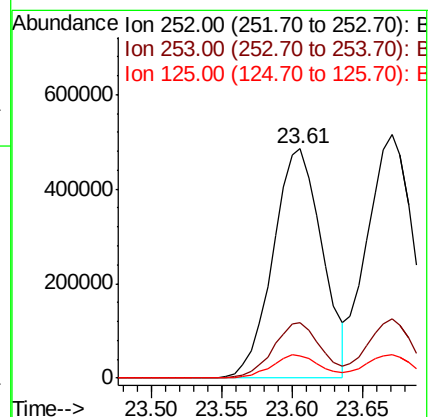
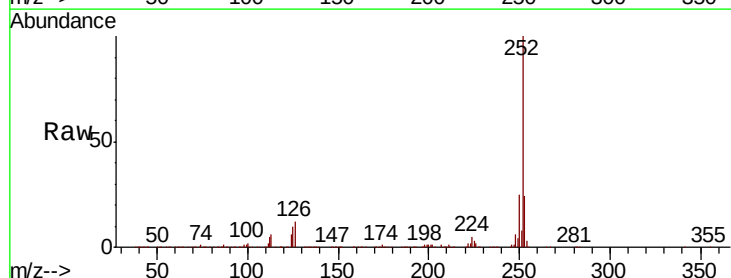
Tgt Ion:252 Resp: 1181547

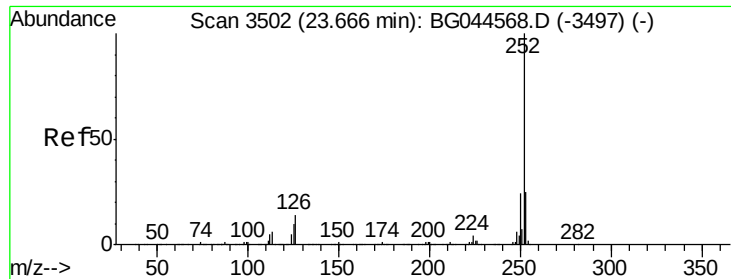
Ion Ratio Lower Upper

252 100

253 24.2 18.4 27.6

125 9.6 7.9 11.9

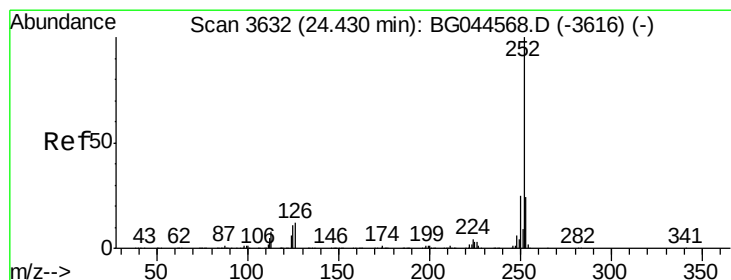
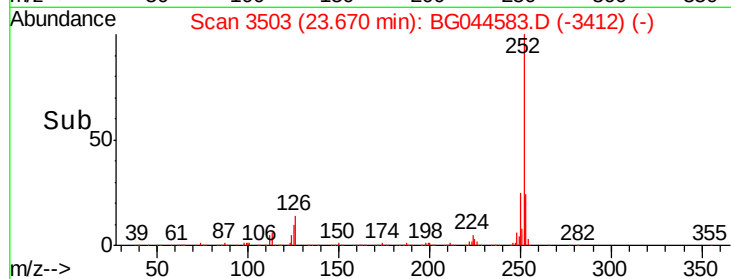
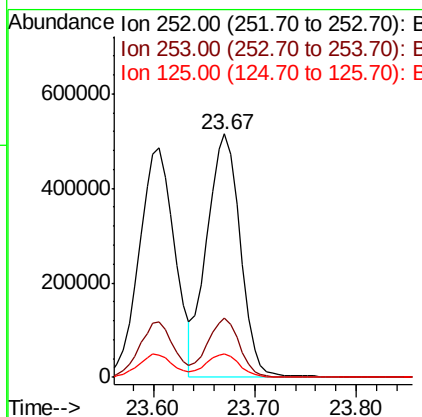
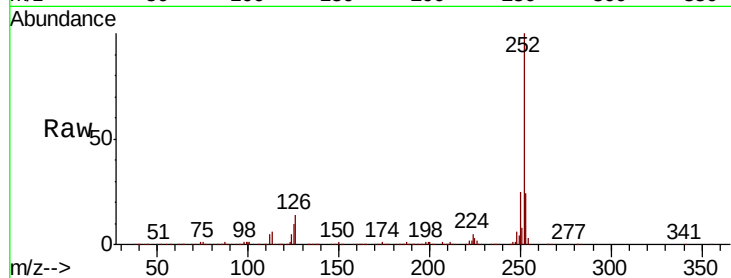




#89
Benzo(k)fluoranthene
Concen: 42.944 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

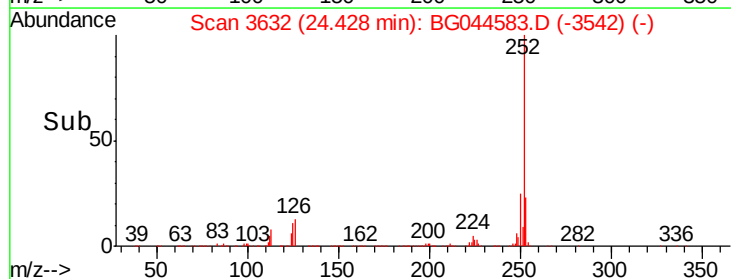
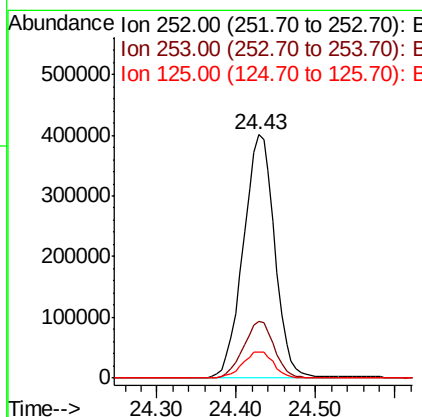
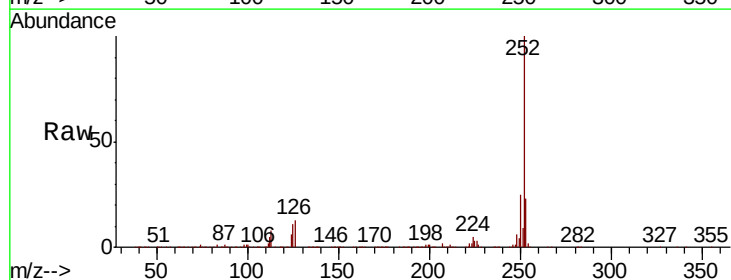
Instrument :
BNA_G
ClientSampleId :

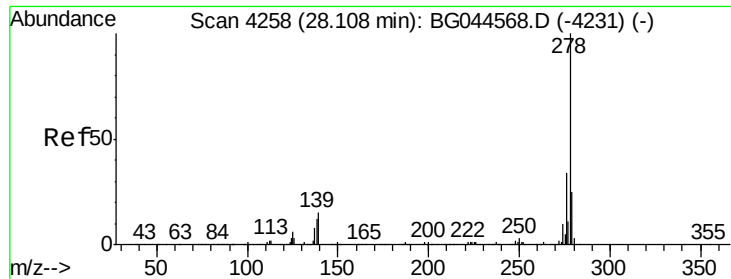
Tot Ion:252 Resp: 1174117
Ion Ratio Lower Upper
252 100
253 24.4 19.0 28.6
125 9.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 41.654 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:252 Resp: 1102766
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.4
125 10.8 8.5 12.7

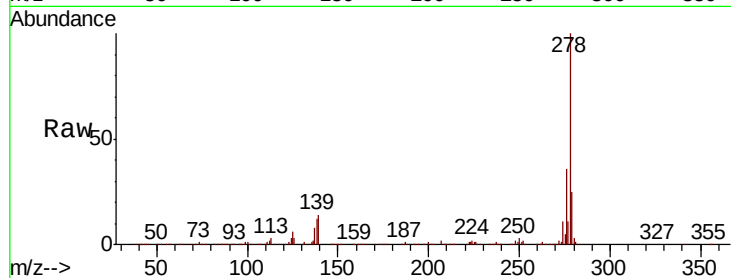




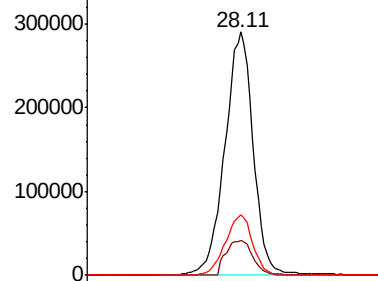
#91
Dibenzo(a,h)anthracene
Concen: 43.881 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Instrument :
BNA_G
ClientSampleId :

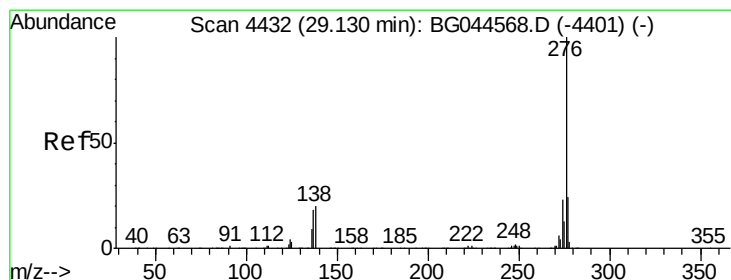
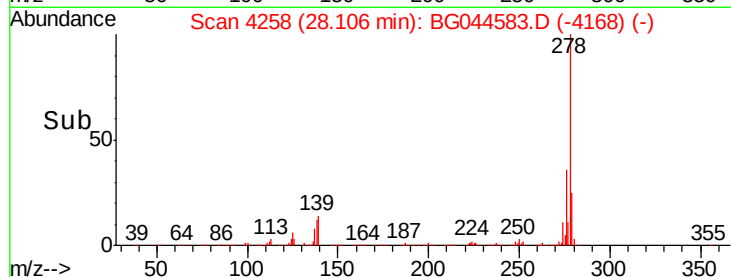
Tot Ion:278 Resp: 1148938
Ion Ratio Lower Upper
278 100
139 14.4 11.7 17.5
279 25.0 19.8 29.6



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

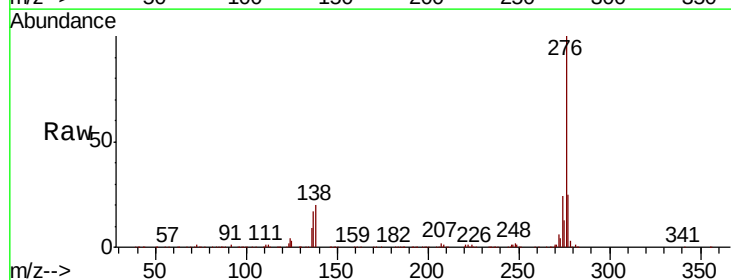


Time--> 27.80 28.00 28.20

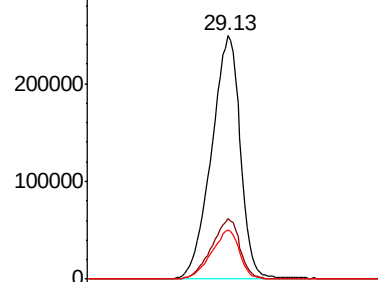


#92
Benzo(g,h,i)perylene
Concen: 44.849 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG044583.D
Acq: 25 Feb 2020 19:16

Tgt Ion:276 Resp: 1176511
Ion Ratio Lower Upper
276 100
277 24.7 19.5 29.3
138 20.3 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



Time--> 29.00 29.20 29.40

