

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044569.D
 Acq On : 24 Feb 2020 13:12
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 14:19:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58457	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	240354	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	156131	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	336007	20.00	ng	0.00
76) Chrysene-d12	21.50	240	307789	20.00	ng	0.00
87) Perylene-d12	24.57	264	357685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	382250	115.40	ng	0.00
7) Phenol-d6	7.05	99	527265	118.54	ng	0.00
23) Nitrobenzene-d5	9.03	82	482047	113.23	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	231446	126.27	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1118559	119.97	ng	0.00
79) Terphenyl-d14	19.88	244	1665485	111.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	82101	55.168	ng	99
3) Pyridine	3.73	79	239135	60.313	ng	99
4) n-Nitrosodimethylamine	3.64	42	87574	52.857	ng	96
6) Aniline	7.20	93	316151	57.263	ng	97
8) 2-Chlorophenol	7.44	128	206569	56.745	ng	98
9) Benzaldehyde	7.01	77	147928	58.395	ng	99
10) Phenol	7.07	94	254690	57.858	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	210202	55.855	ng	96
12) 1,3-Dichlorobenzene	7.76	146	244182	56.180	ng	99
13) 1,4-Dichlorobenzene	7.91	146	244193	56.725	ng	99
14) 1,2-Dichlorobenzene	8.23	146	233797	57.459	ng	98
15) Benzyl Alcohol	8.11	79	178461	56.672	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	277875	54.553	ng	99
17) 2-Methylphenol	8.33	107	180091	57.341	ng	99
18) Hexachloroethane	8.95	117	89894	55.648	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	165127	55.705	ng	98
20) 3+4-Methylphenols	8.66	107	249362	57.611	ng	98
22) Acetophenone	8.70	105	311337	53.247	ng	# 98
24) Nitrobenzene	9.07	77	235685	56.706	ng	99
25) Isophorone	9.60	82	448914	56.573	ng	98
26) 2-Nitrophenol	9.79	139	128469	59.570	ng	99
27) 2,4-Dimethylphenol	9.85	122	179623	59.003	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	299813	56.638	ng	100
29) 2,4-Dichlorophenol	10.33	162	217062	58.967	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	246061	58.296	ng	98
31) Naphthalene	10.72	128	674554	57.846	ng	99
32) Benzoic acid	10.04	122	64754	39.877	ng	97
33) 4-Chloroaniline	10.83	127	306326	57.758	ng	98
34) Hexachlorobutadiene	11.02	225	155085	59.712	ng	99
35) Caprolactam	11.61	113	77254	57.291	ng	92
36) 4-Chloro-3-methylphenol	11.97	107	222722	57.709	ng	98
37) 2-Methylnaphthalene	12.34	142	502137	57.996	ng	99
38) 1-Methylnaphthalene	12.56	142	472741	57.914	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	272750	58.400	ng	100

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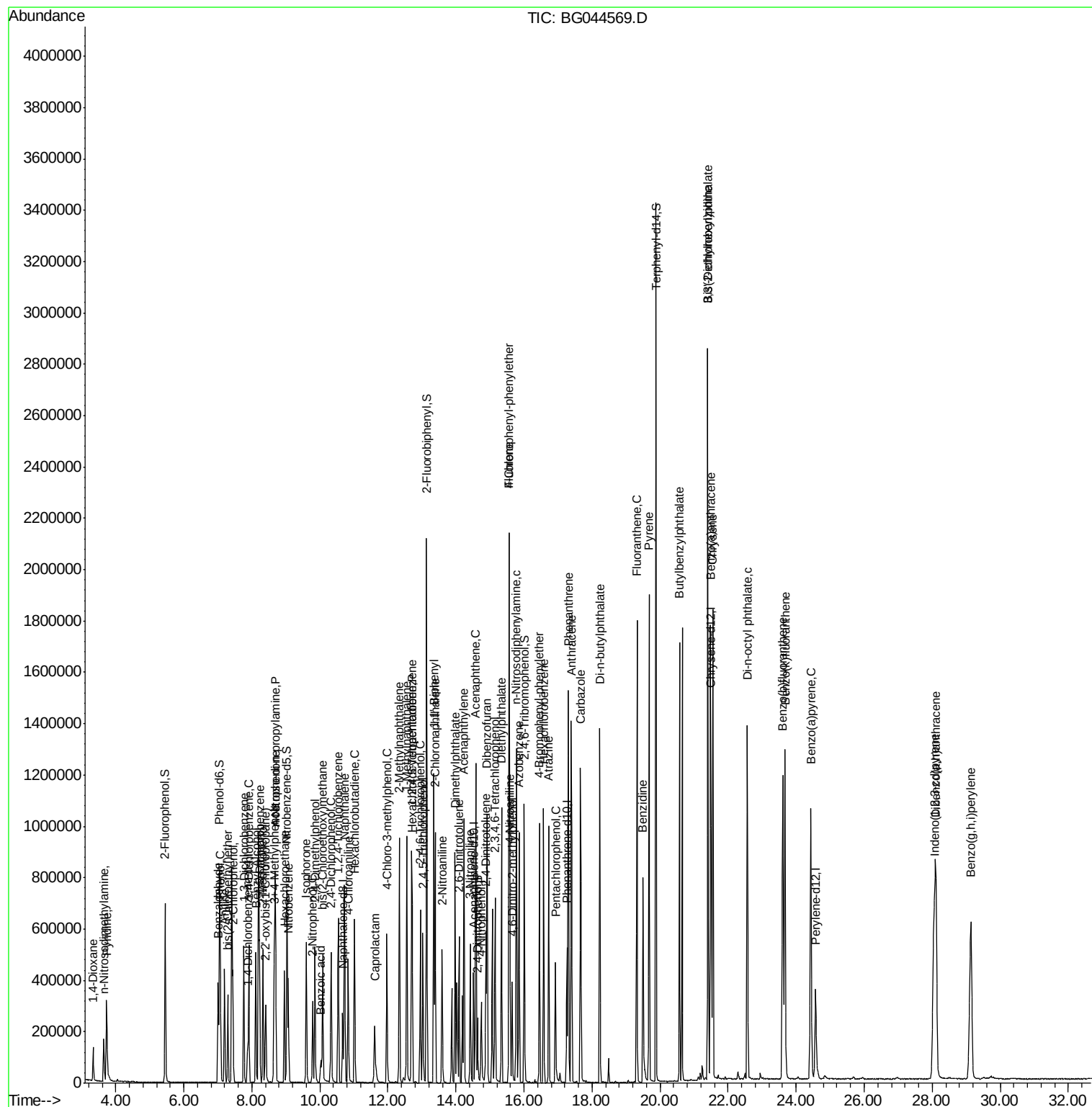
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	115487	51.534	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	178097	58.996	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	184054	59.691	ng	97
46) 1,1'-Biphenyl	13.35	154	664212	58.979	ng	97
47) 2-Chloronaphthalene	13.39	162	515625	57.537	ng	99
48) 2-Nitroaniline	13.59	65	146761	55.491	ng	99
49) Acenaphthylene	14.24	152	767553	58.394	ng	99
50) Dimethylphthalate	13.97	163	647283	57.674	ng	99
51) 2,6-Dinitrotoluene	14.09	165	142056	56.768	ng	99
52) Acenaphthene	14.58	154	488861	57.379	ng	99
53) 3-Nitroaniline	14.42	138	157003	56.710	ng	99
54) 2,4-Dinitrophenol	14.63	184	75113	60.462	ng	97
55) Dibenzofuran	14.92	168	745725	57.811	ng	99
56) 4-Nitrophenol	14.74	139	113195	55.818	ng	100
57) 2,4-Dinitrotoluene	14.88	165	202101	57.623	ng	99
58) Fluorene	15.56	166	593672	58.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	166139	59.652	ng	98
60) Diethylphthalate	15.34	149	637491	57.005	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	321200	58.307	ng	98
62) 4-Nitroaniline	15.59	138	159529	57.667	ng	98
63) Azobenzene	15.85	77	541116	55.209	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	113409	61.145	ng	94
66) n-Nitrosodiphenylamine	15.78	169	543004	57.666	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	217198	59.331	ng	99
68) Hexachlorobenzene	16.58	284	244354	59.580	ng	99
69) Atrazine	16.73	200	202995	62.896	ng	98
70) Pentachlorophenol	16.92	266	112175	59.023	ng	96
71) Phenanthrene	17.30	178	961137	59.072	ng	99
72) Anthracene	17.39	178	946080	58.813	ng	99
73) Carbazole	17.66	167	867399	58.491	ng	99
74) Di-n-butylphthalate	18.23	149	1096032	59.808	ng	99
75) Fluoranthene	19.32	202	1149844	61.090	ng	99
77) Benzidine	19.50	184	579028	67.823	ng	97
78) Pyrene	19.68	202	1146818	58.019	ng	98
80) Butylbenzylphthalate	20.57	149	505663	56.137	ng	99
81) Benzo(a)anthracene	21.49	228	1121046	59.098	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	449920	61.112	ng	99
83) Chrysene	21.55	228	1075027	58.630	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	696133	56.147	ng	97
85) Di-n-octyl phthalate	22.57	149	1242996	57.943	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1386013	57.940	ng	# 77
88) Benzo(b)fluoranthene	23.61	252	1205396	58.483	ng	98
89) Benzo(k)fluoranthene	23.67	252	1187954	59.137	ng	99
90) Benzo(a)pyrene	24.43	252	1144538	58.732	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1131991	58.694	ng	98
92) Benzo(g,h,i)perylene	29.14	276	1126453	58.345	ng	99

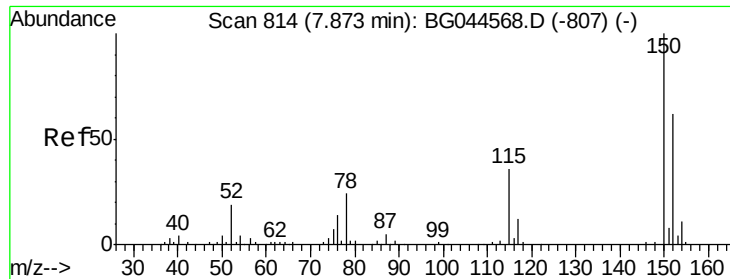
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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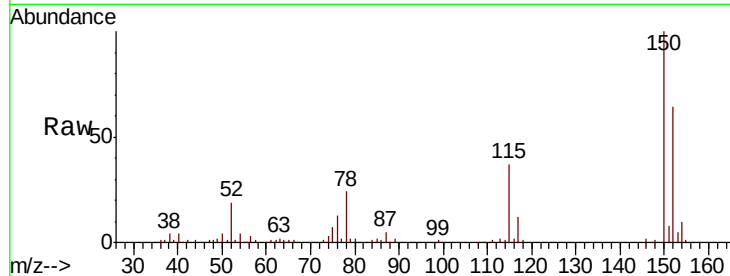


#1

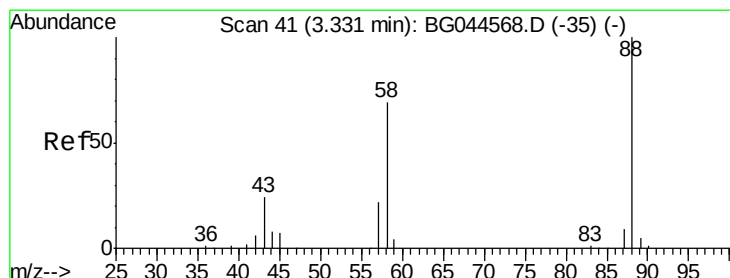
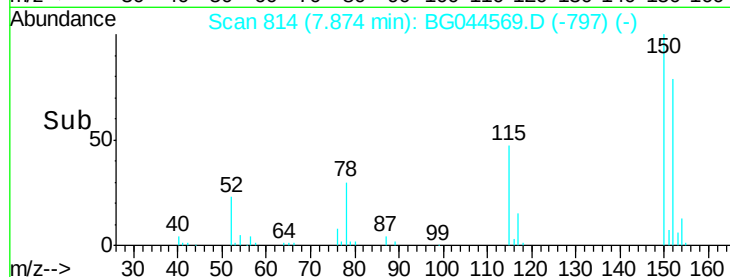
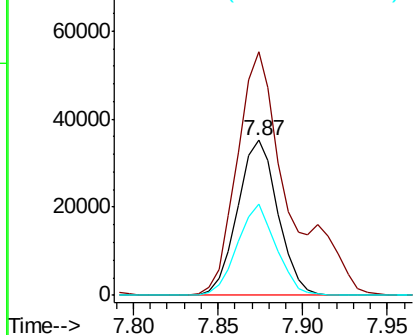
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58457
Ion Ratio Lower Upper
152 100
150 157.3 128.9 193.3
115 58.9 47.0 70.4



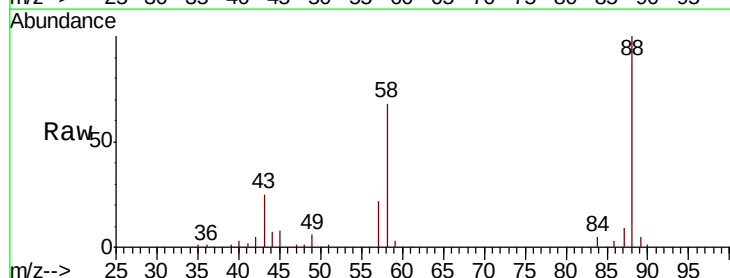
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



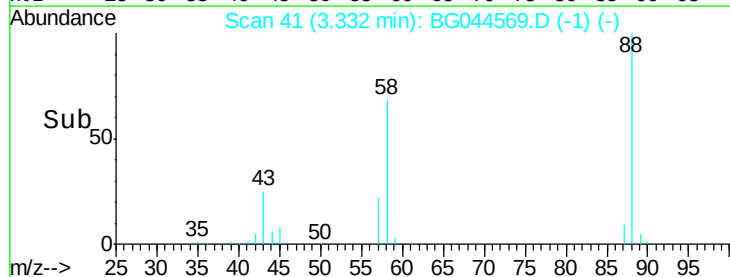
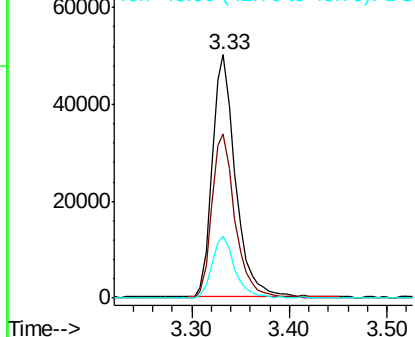
#2

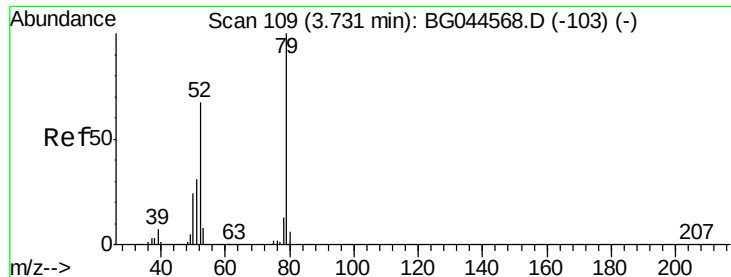
1,4-Dioxane
Concen: 55.168 ng
RT: 3.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion: 88 Resp: 82101
Ion Ratio Lower Upper
88 100
58 68.6 55.8 83.8
43 25.6 20.6 31.0



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





#3

Pvridine

Concen: 60.313 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

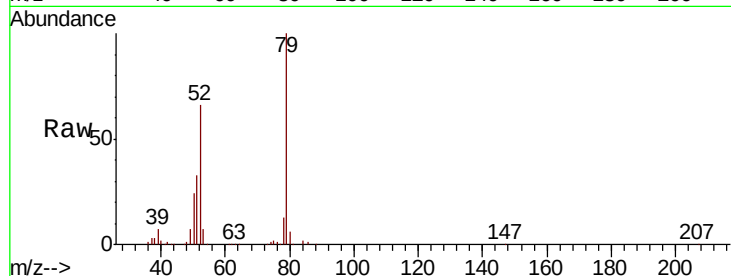
Tot Ion: 79 Resp: 239135

Ion Ratio Lower Upper

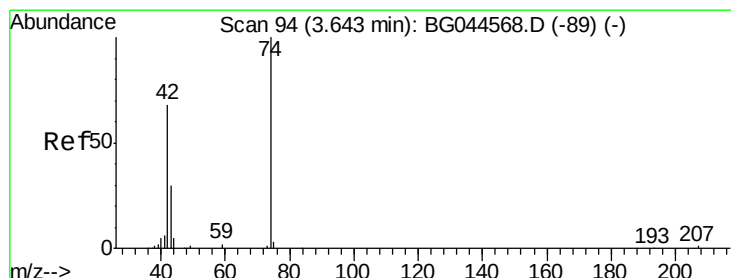
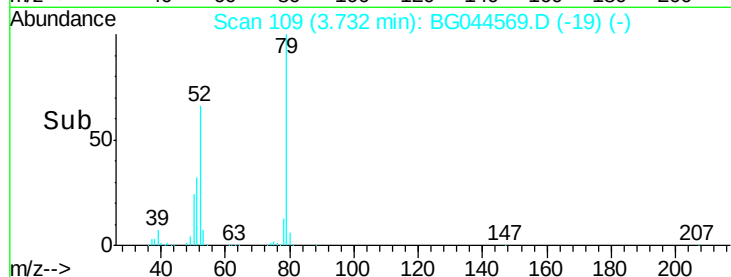
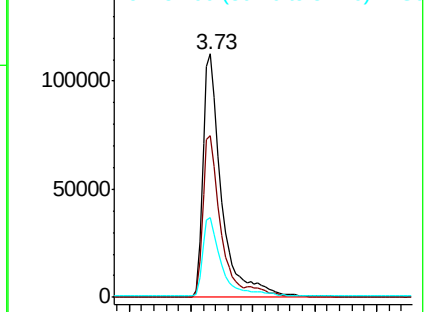
79 100

52 66.3 53.7 80.5

51 32.6 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: 52.857 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

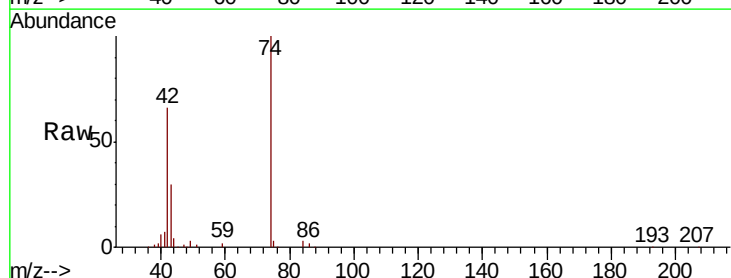
Tgt Ion: 42 Resp: 87574

Ion Ratio Lower Upper

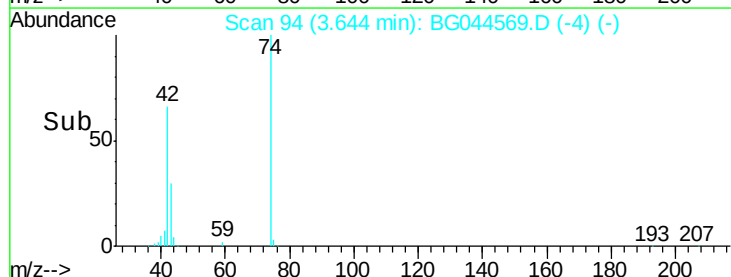
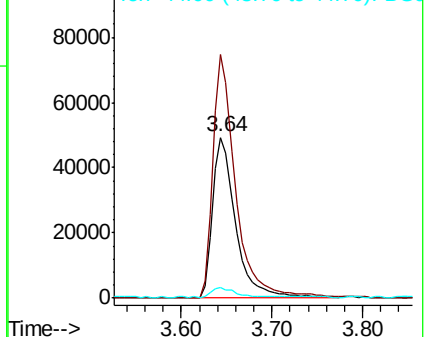
42 100

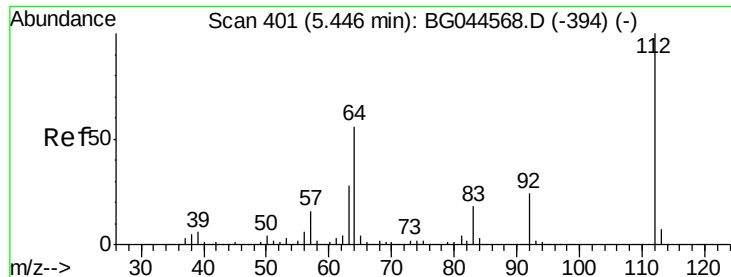
74 151.4 117.6 176.4

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: 115.403 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

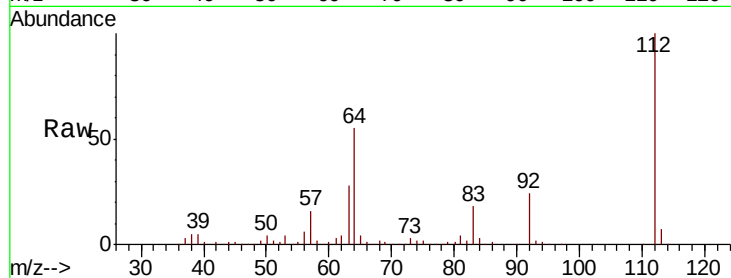
Tot Ion:112 Resp: 382250

Ion Ratio Lower Upper

112 100

64 55.3 44.8 67.2

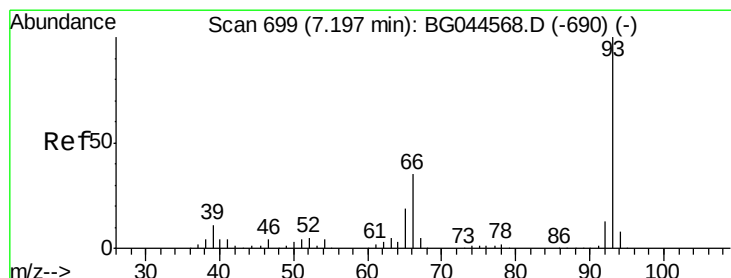
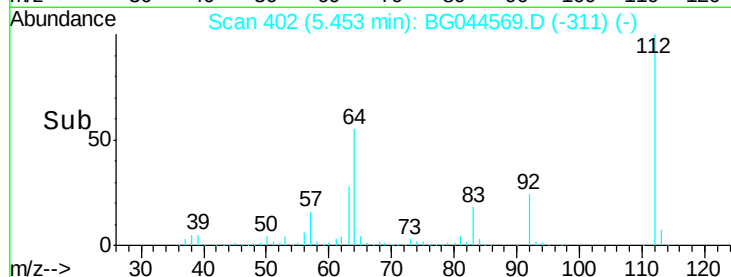
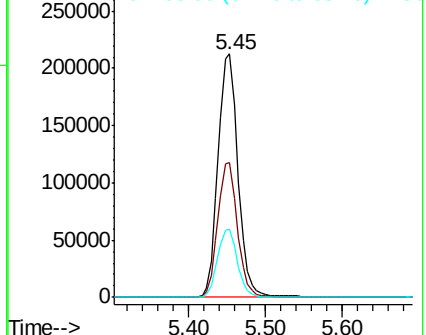
63 28.1 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 57.263 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

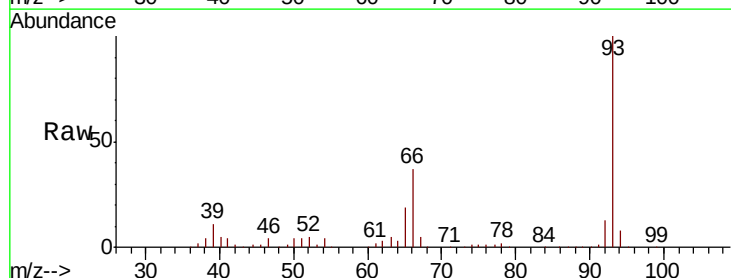
Tgt Ion: 93 Resp: 316151

Ion Ratio Lower Upper

93 100

66 37.5 27.8 41.8

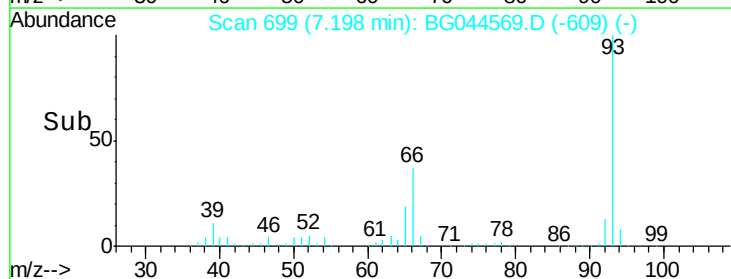
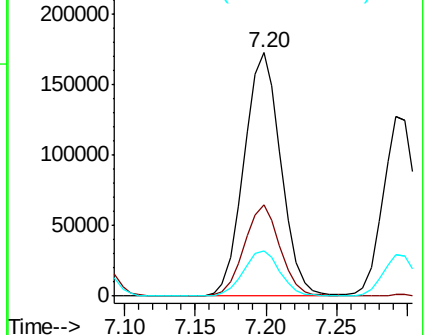
65 18.7 14.9 22.3

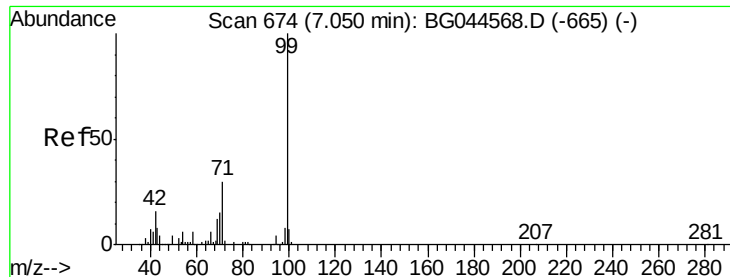


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 118.542 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

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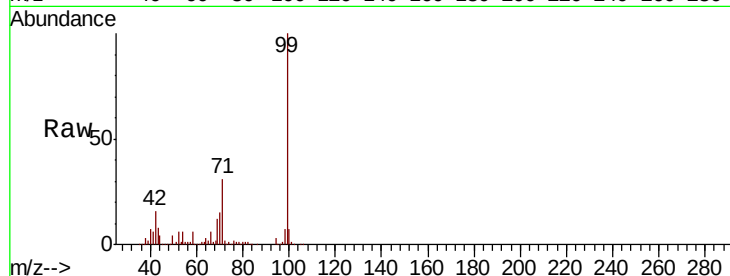
Tot Ion: 99 Resp: 527265

Ion Ratio Lower Upper

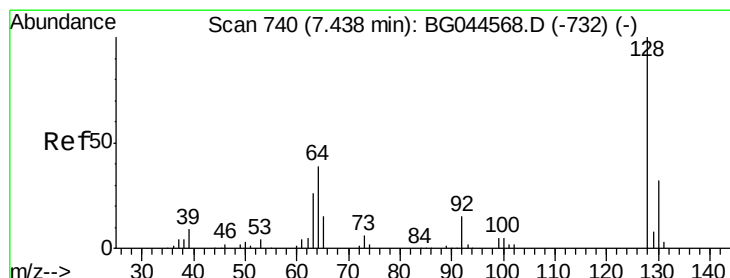
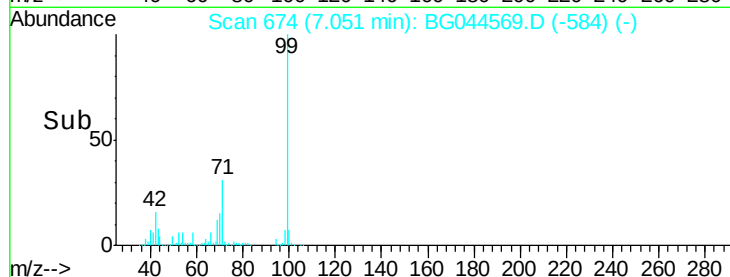
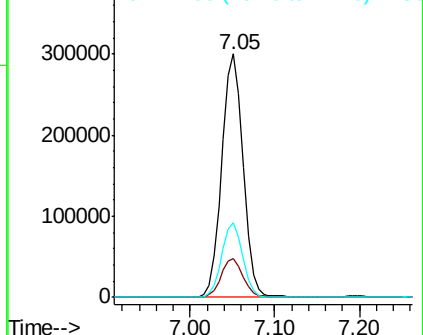
99 100

42 16.2 12.8 19.2

71 30.7 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: 56.745 ng

RT: 7.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

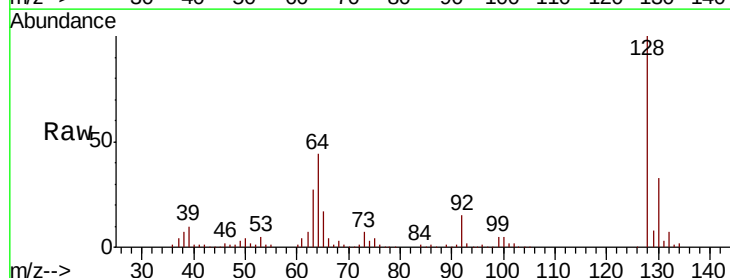
Tgt Ion: 128 Resp: 206569

Ion Ratio Lower Upper

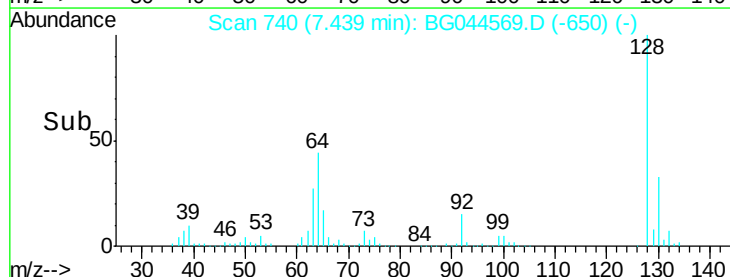
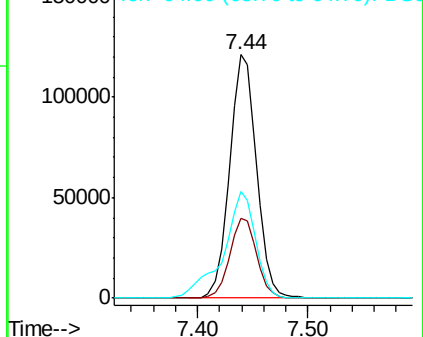
128 100

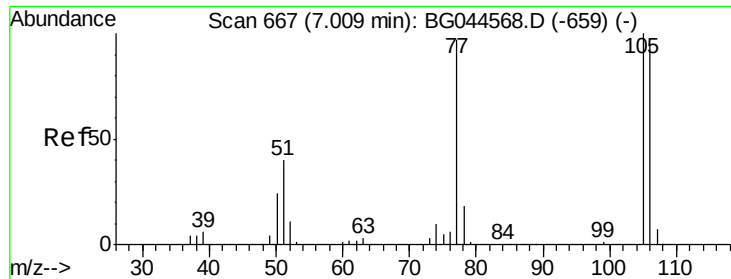
130 32.9 12.3 52.3

64 43.9 22.5 62.5



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





#9

Benzaldehyde

Concen: 58.395 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

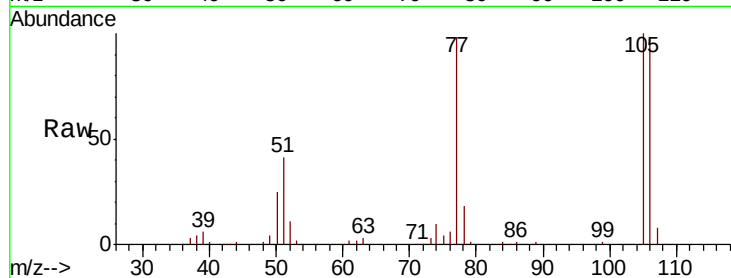
Tot Ion: 77 Resp: 147928

Ion Ratio Lower Upper

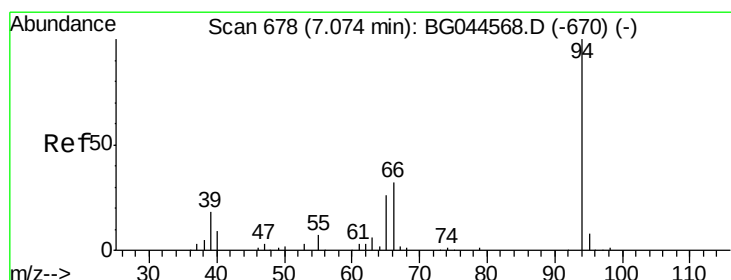
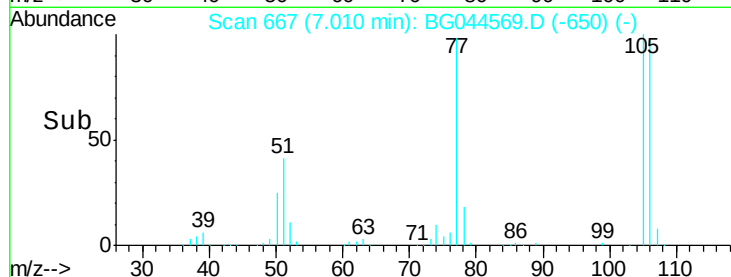
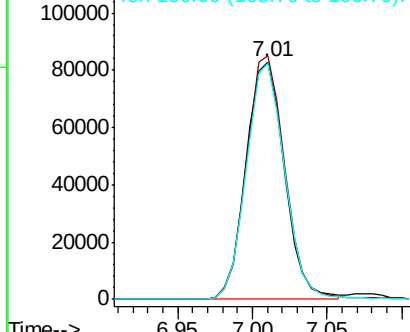
77 100

105 102.4 83.6 123.6

106 99.1 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: 57.858 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

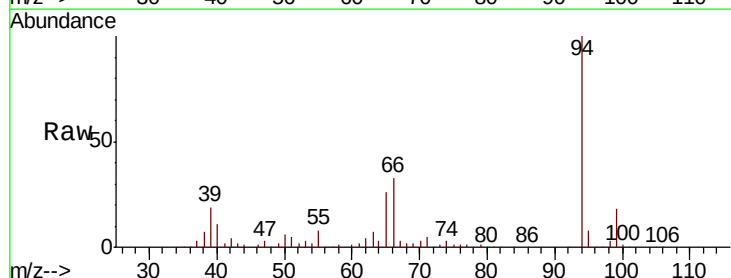
Tgt Ion: 94 Resp: 254690

Ion Ratio Lower Upper

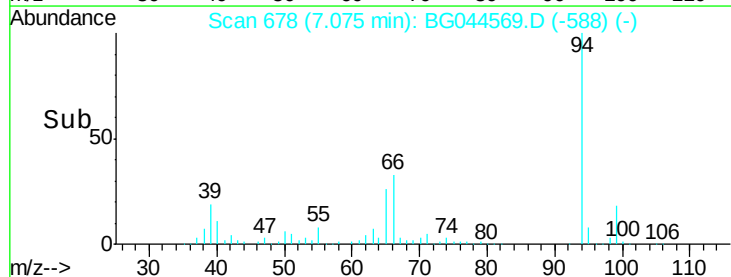
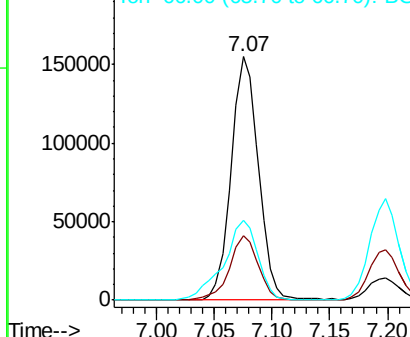
94 100

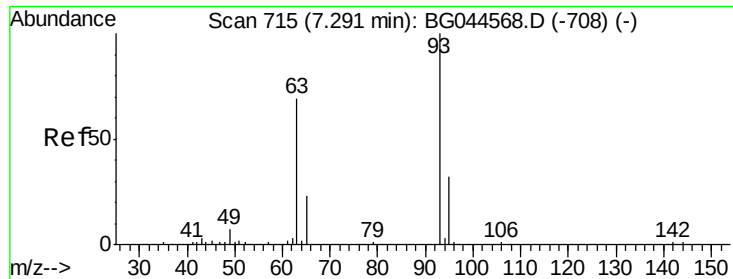
65 26.3 6.4 46.4

66 32.9 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: 55.855 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

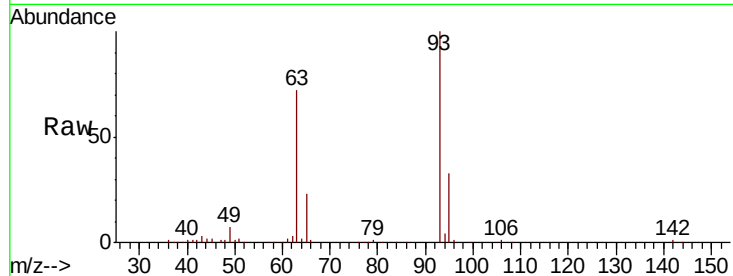
Tot Ion: 93 Resp: 210202

Ion Ratio Lower Upper

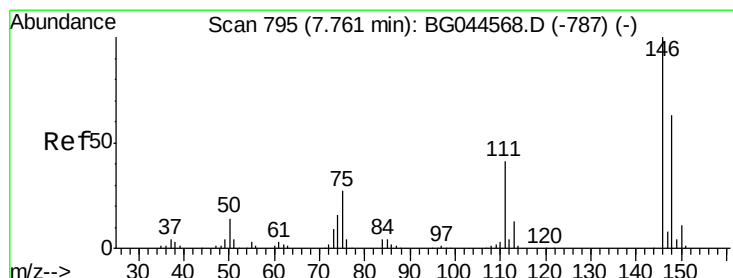
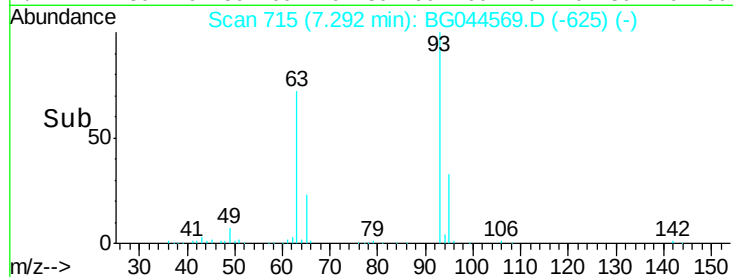
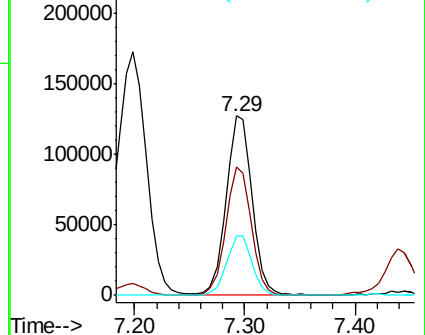
93 100

63 71.7 48.9 88.9

95 33.3 11.3 51.3



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



#12

1,3-Dichlorobenzene

Concen: 56.180 ng

RT: 7.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

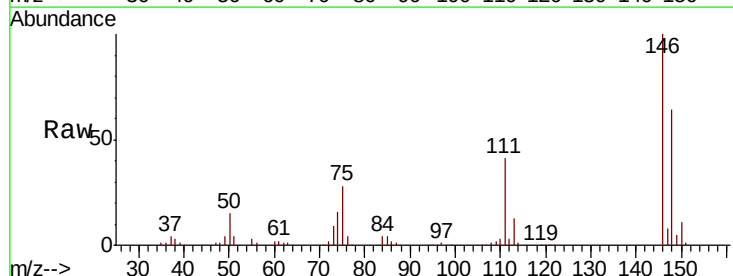
Tgt Ion: 146 Resp: 244182

Ion Ratio Lower Upper

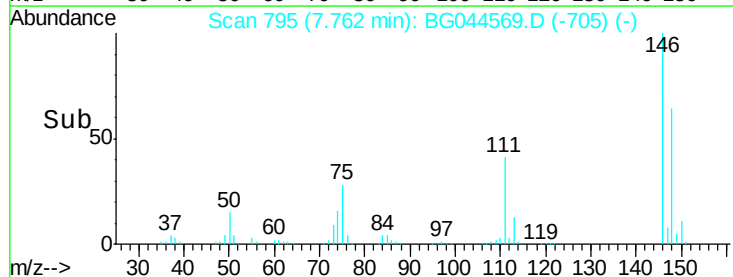
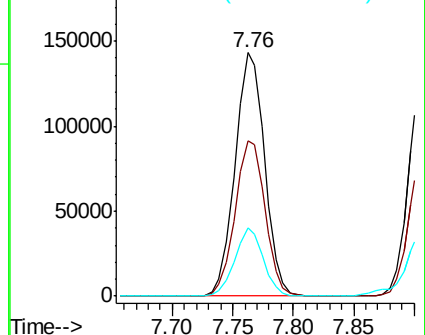
146 100

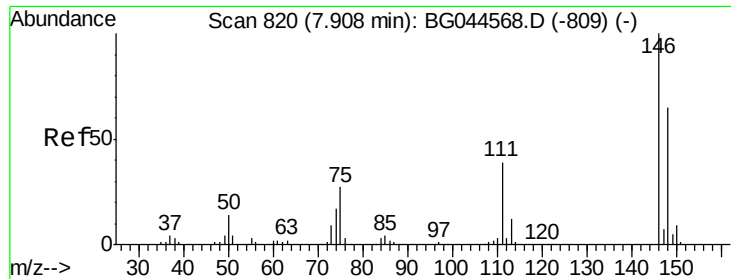
148 63.8 50.6 75.8

75 28.1 21.4 32.0



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

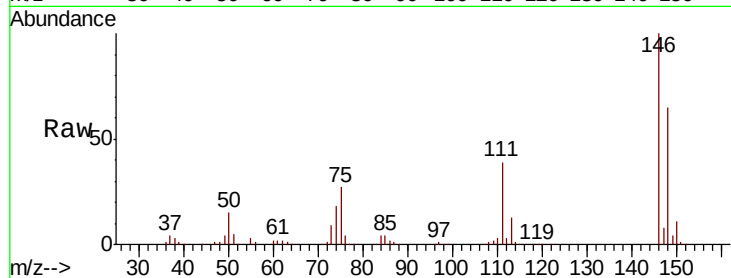




#13
 1,4-Dichlorobenzene
 Concen: 56.725 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.2	30.8	46.2

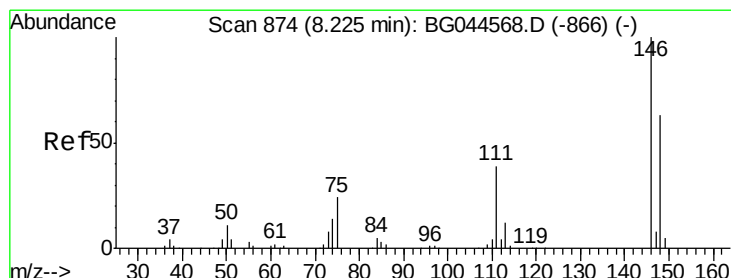
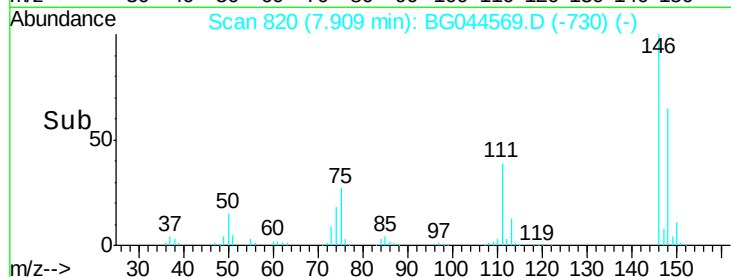
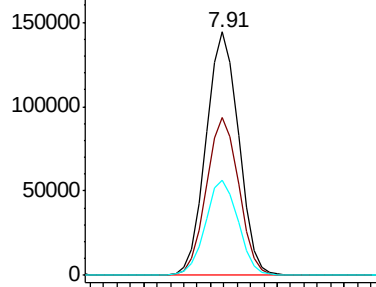


Abundance

Ion 146.00 (145.70 to 146.70): E

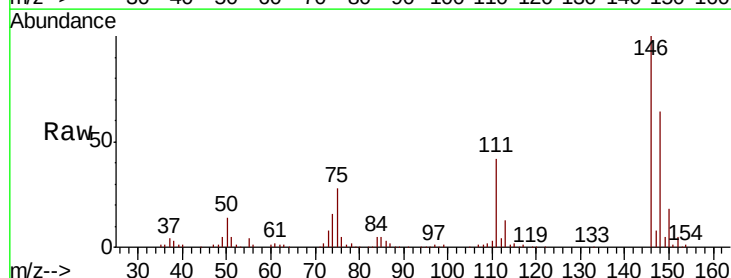
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 57.459 ng
 RT: 8.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	41.8	31.8	47.6

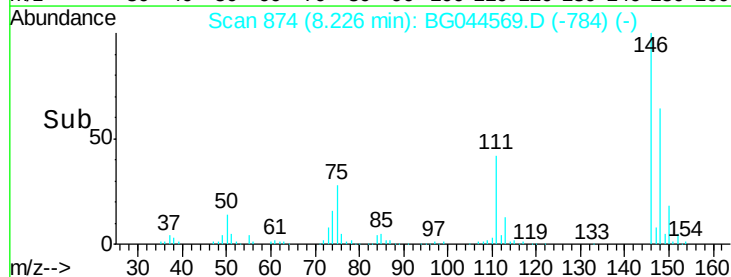
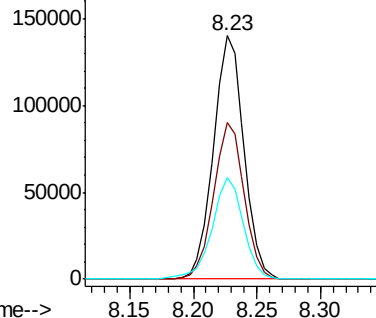


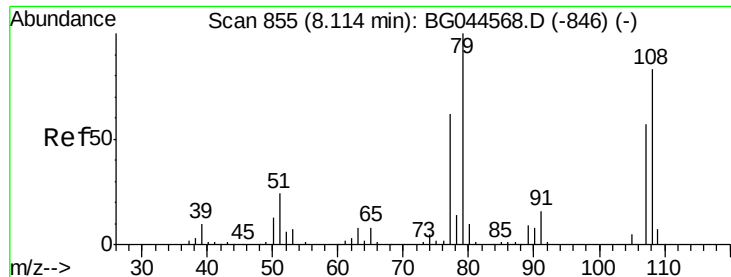
Abundance

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: 56.672 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

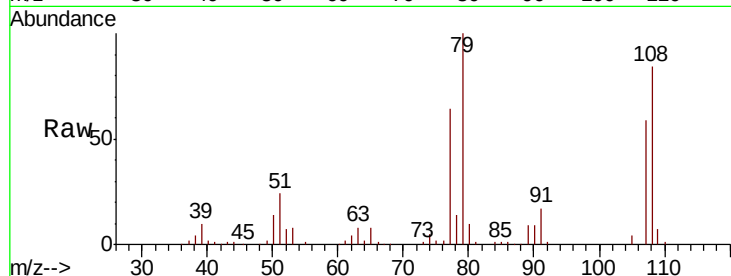
Tot Ion: 79 Resp: 178461

Ion Ratio Lower Upper

79 100

108 84.4 66.0 99.0

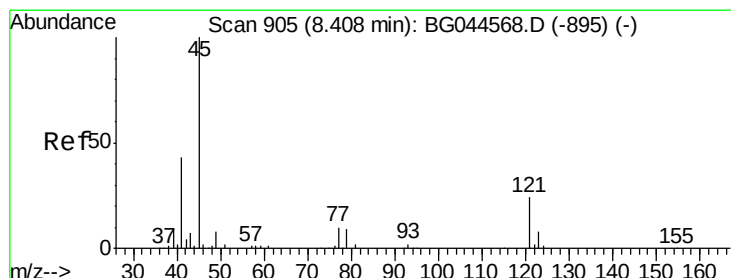
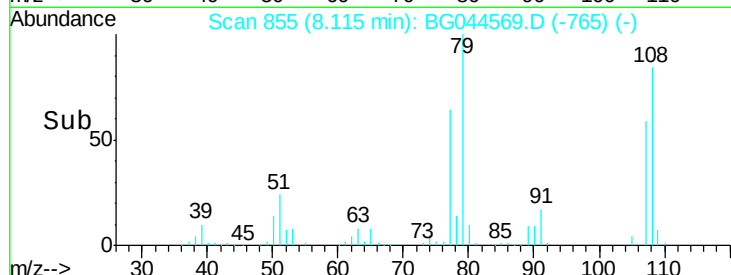
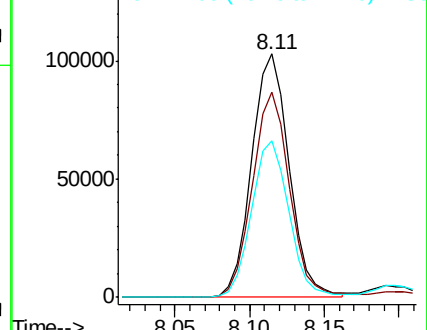
77 64.2 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 54.553 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

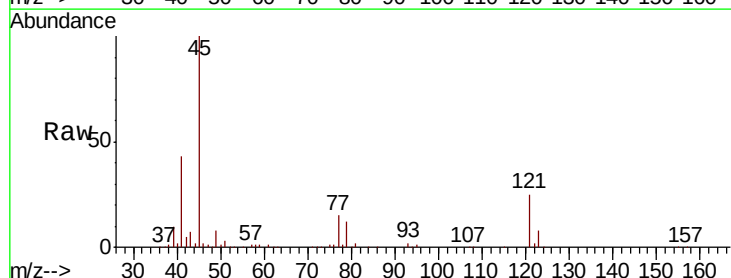
Tgt Ion: 45 Resp: 277875

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.4

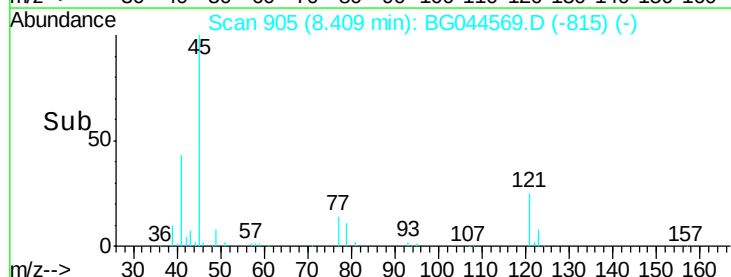
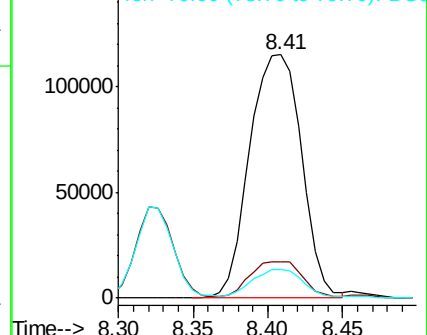
79 11.9 0.0 32.3

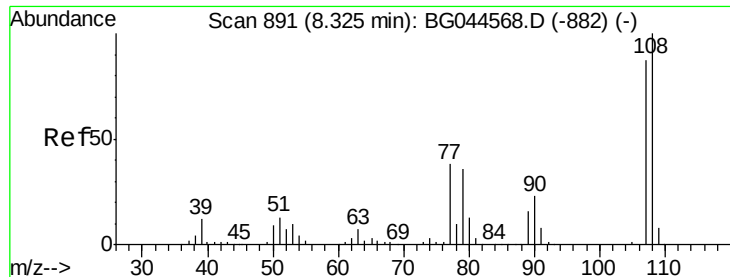


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 57.341 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 180091

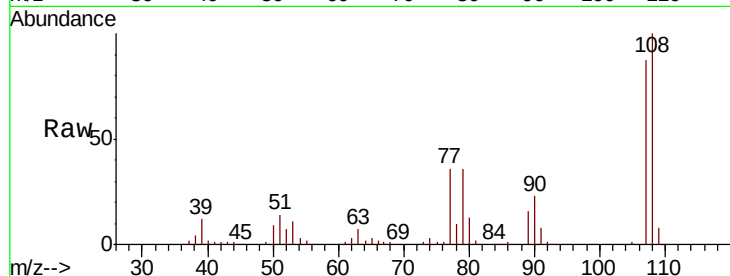
Ion Ratio Lower Upper

107 100

108 115.1 91.7 137.5

77 41.9 35.1 52.7

79 41.7 33.2 49.8

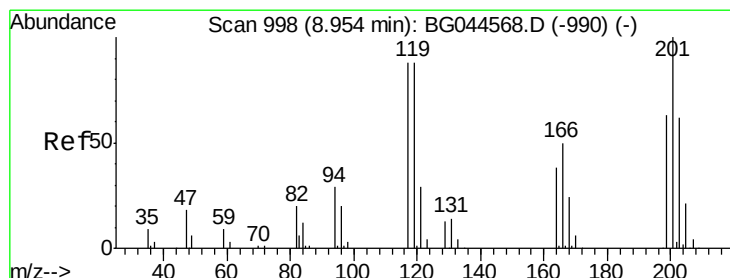
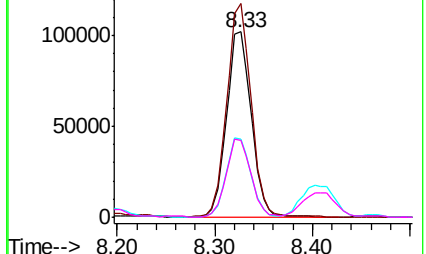
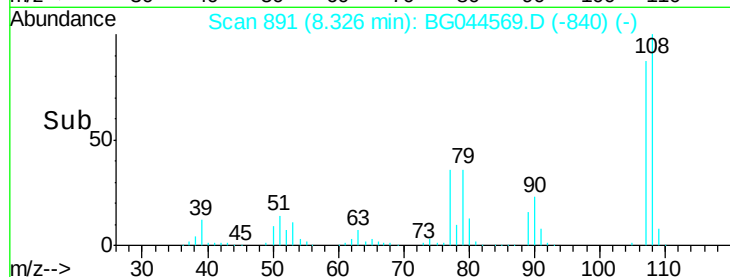


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 55.648 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

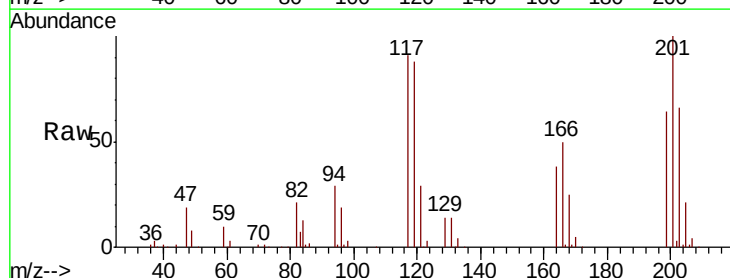
Tgt Ion:117 Resp: 89894

Ion Ratio Lower Upper

117 100

119 96.3 80.0 120.0

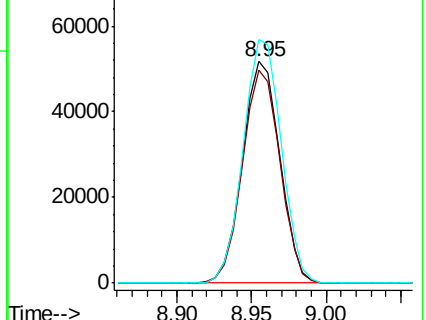
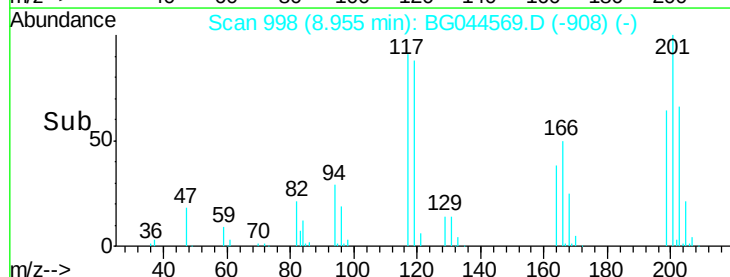
201 109.9 90.5 135.7

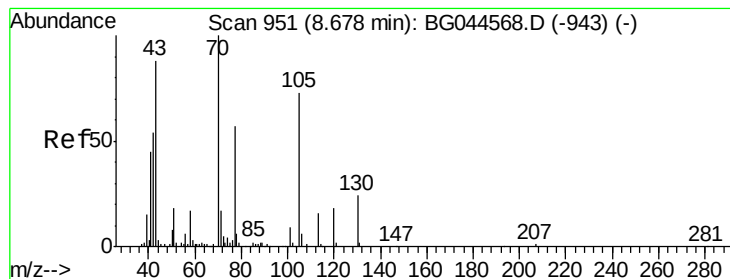


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 55.705 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 165127

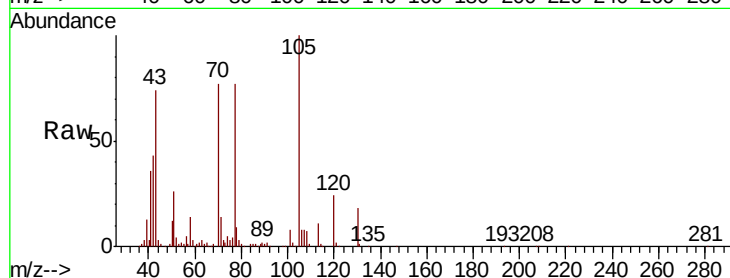
Ion Ratio Lower Upper

70 100

42 55.1 43.4 65.0

101 10.8 7.5 11.3

130 22.9 18.9 28.3



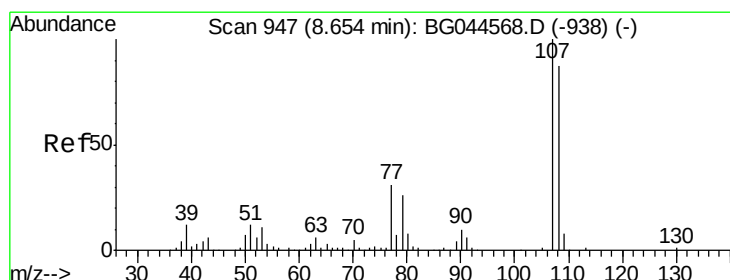
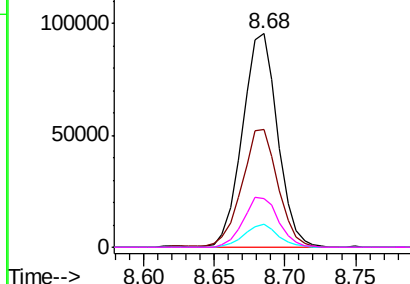
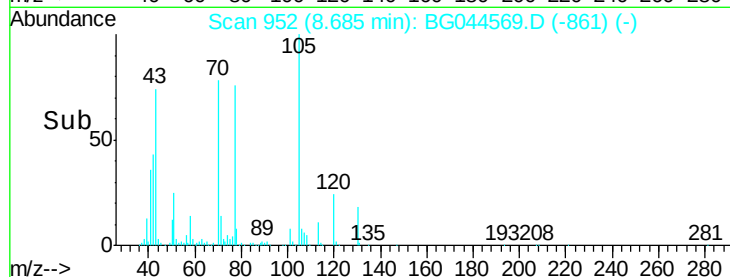
Abundance

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: 57.611 ng

RT: 8.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Tgt Ion: 107 Resp: 249362

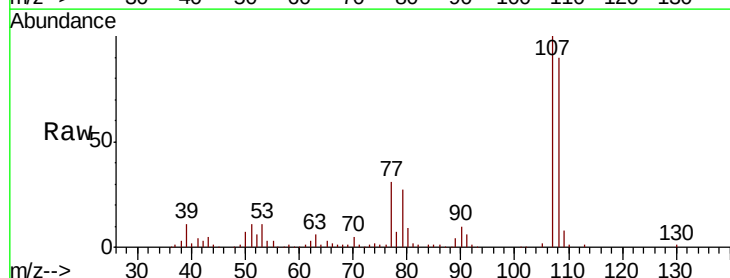
Ion Ratio Lower Upper

107 100

108 89.7 67.5 107.5

77 31.2 11.3 51.3

79 27.4 6.4 46.4



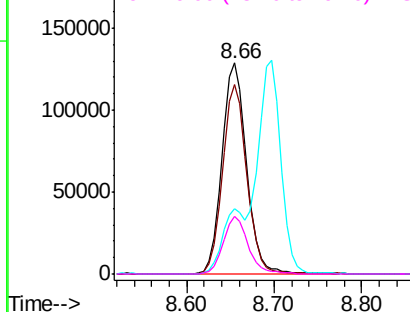
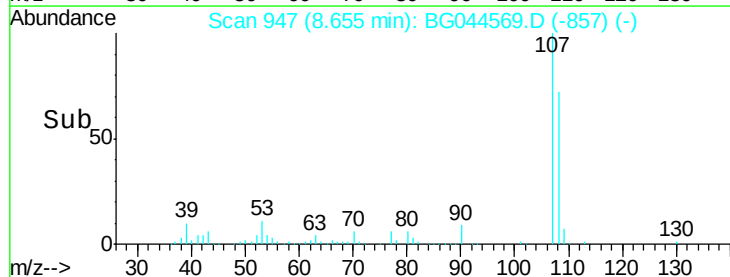
Abundance

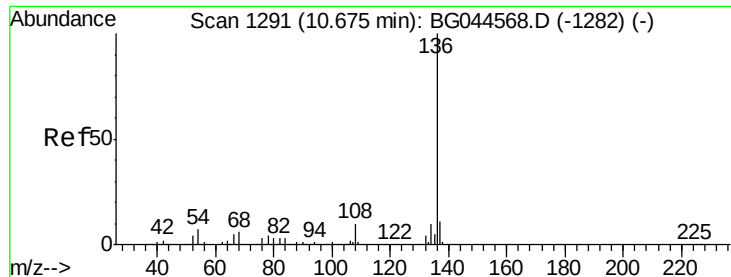
Ion 107.00 (106.70 to 107.70): BGC

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

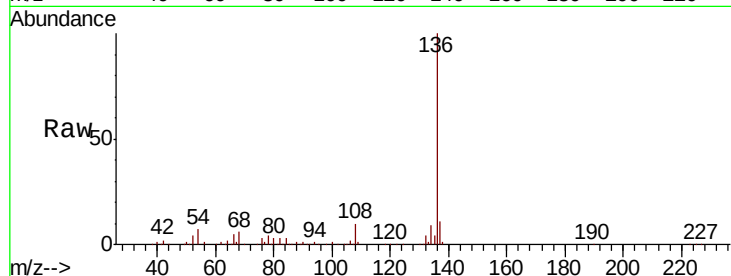




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 240354
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.3	5.7 8.5
68 5.6	4.5 6.7



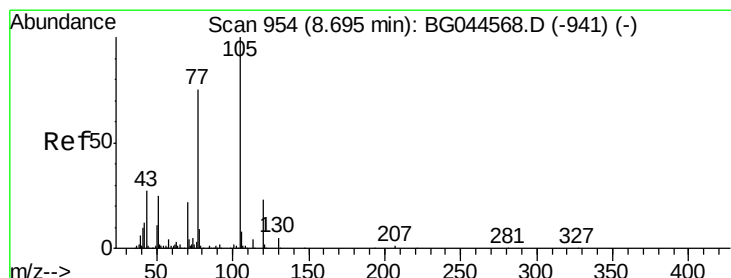
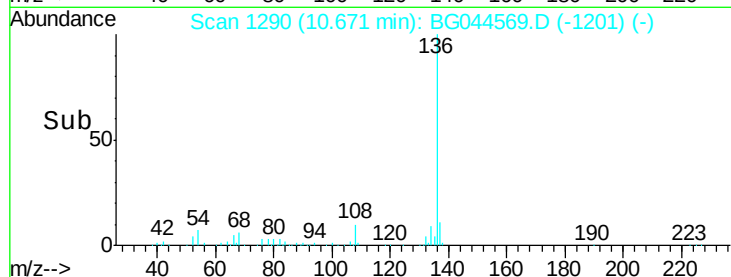
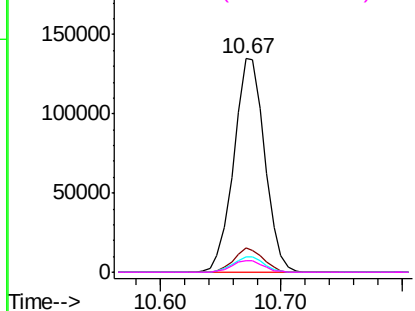
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

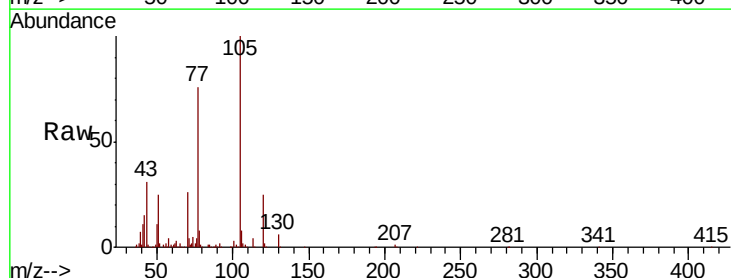
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 53.247 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt	Ion:105	Resp:	311337
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.8	4.2#
51	25.0	19.9	29.9
120	24.8	18.6	28.0



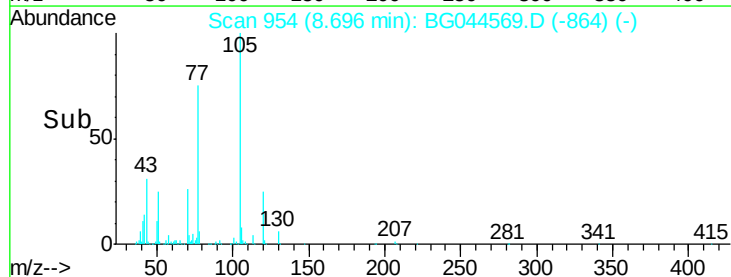
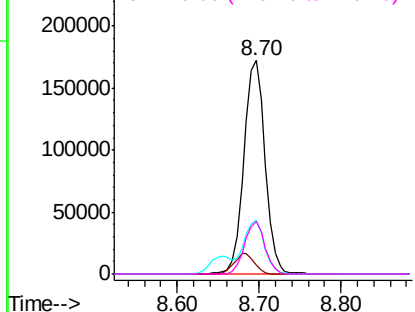
Abundance

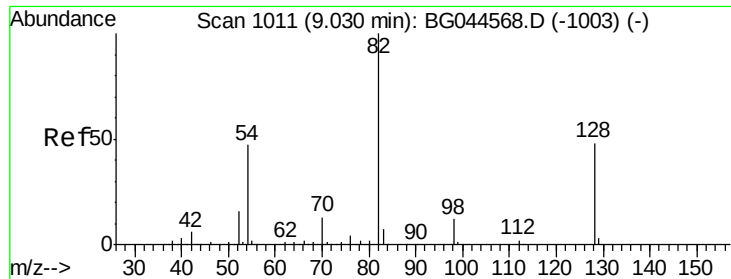
Ion 105.00 (104.70 to 105.70): E

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

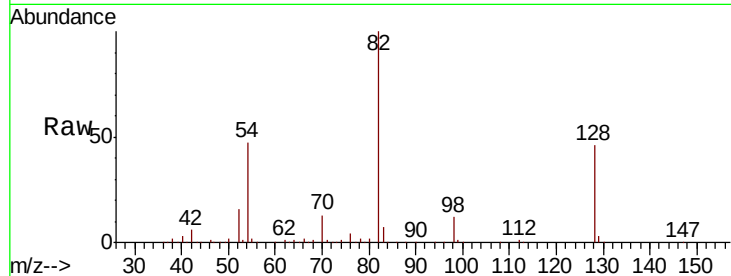




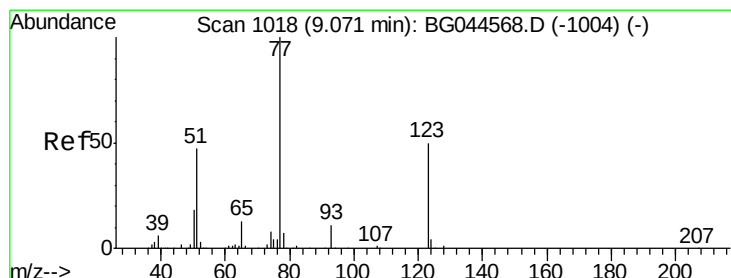
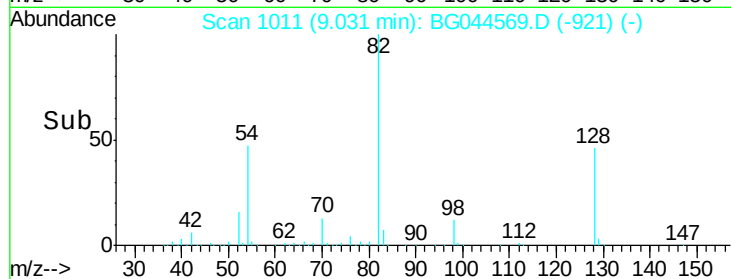
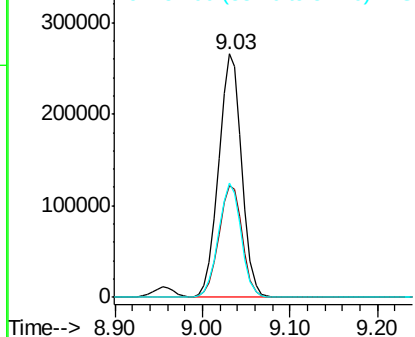
#23
 Nitrobenzene-d5
 Concen: 113.227 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	482047
Ion Ratio	100	Lower	Upper
128	46.1	38.1	57.1
54	46.9	37.5	56.3

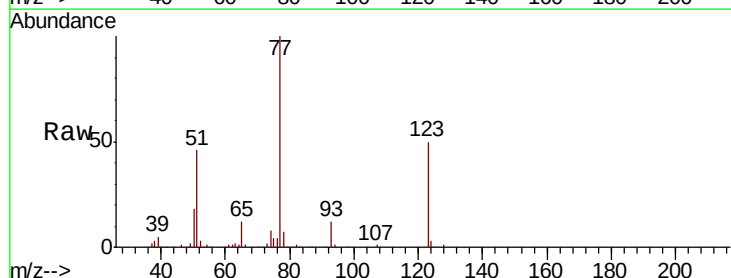


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

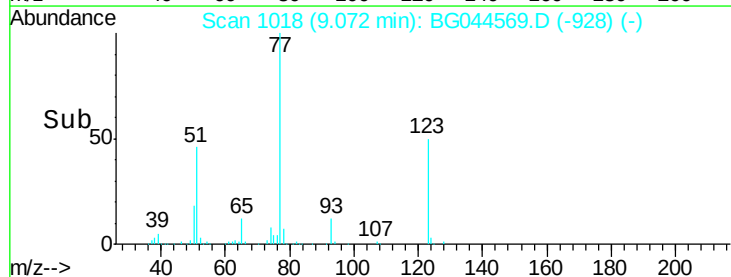
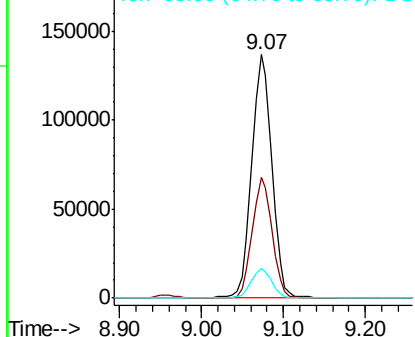


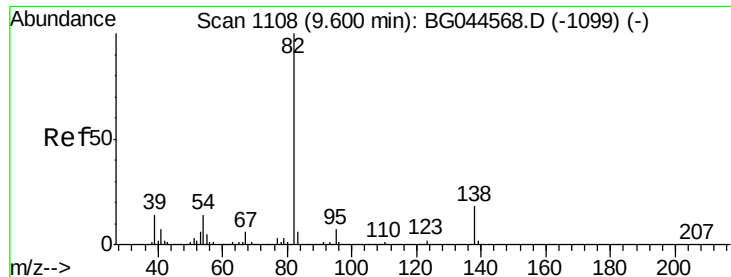
#24
 Nitrobenzene
 Concen: 56.706 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion	77	Resp	235685
Ion Ratio	100	Lower	Upper
123	49.5	40.1	60.1
65	12.4	10.4	15.6



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





#25

Isophorone

Concen: 56.573 ng

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

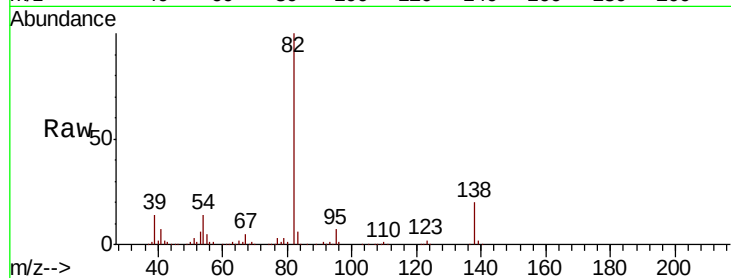
Tot Ion: 82 Resp: 448914

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

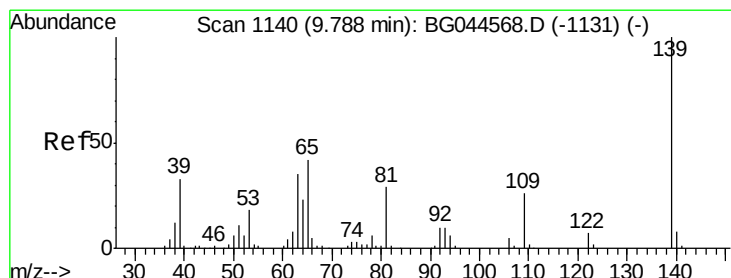
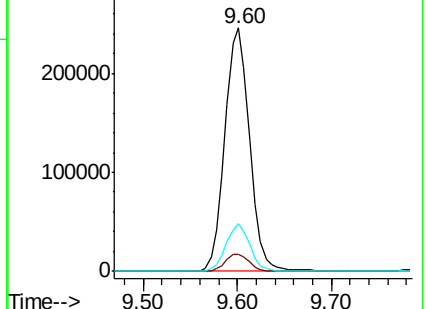
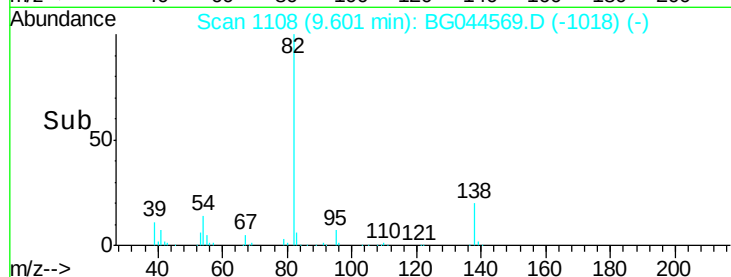
138 19.7 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044569.D (-1018) (-)

Ion 95.00 (94.70 to 95.70): BG044569.D (-1018) (-)

Ion 138.00 (137.70 to 138.70): BG044569.D (-1018) (-)



#26

2-Nitrophenol

Concen: 59.570 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

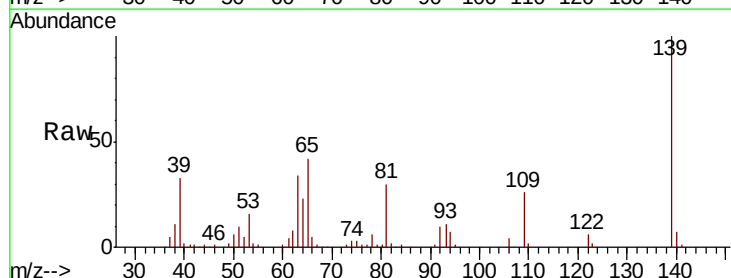
Tgt Ion: 139 Resp: 128469

Ion Ratio Lower Upper

139 100

109 26.0 20.6 31.0

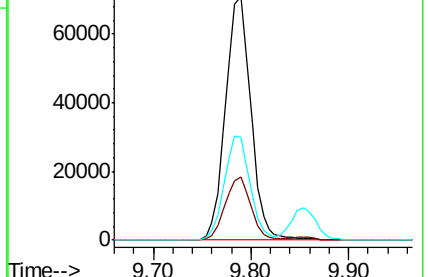
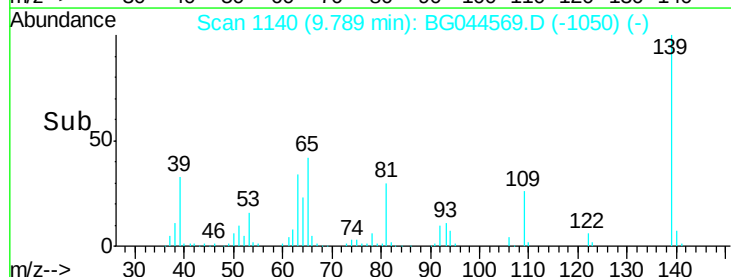
65 42.4 33.3 49.9

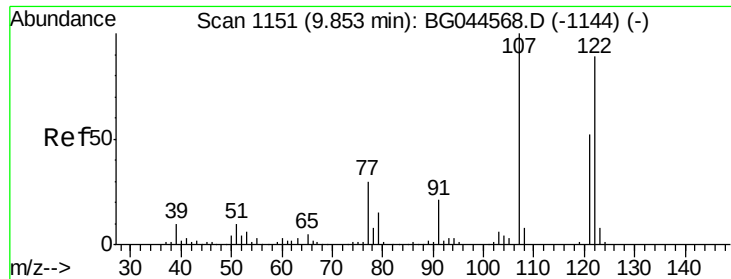


Abundance Ion 139.00 (138.70 to 139.70): BG044569.D (-1050) (-)

Ion 109.00 (108.70 to 109.70): BG044569.D (-1050) (-)

Ion 65.00 (64.70 to 65.70): BG044569.D (-1050) (-)

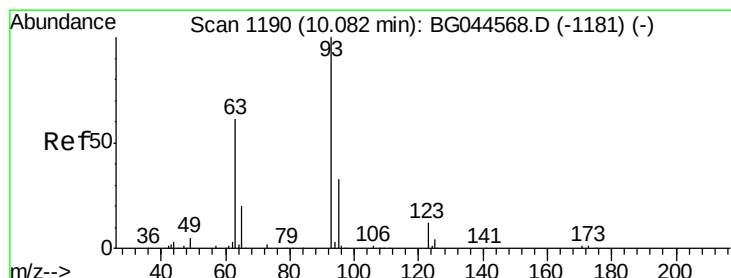
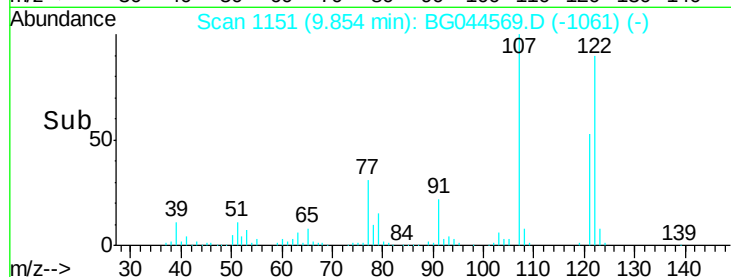
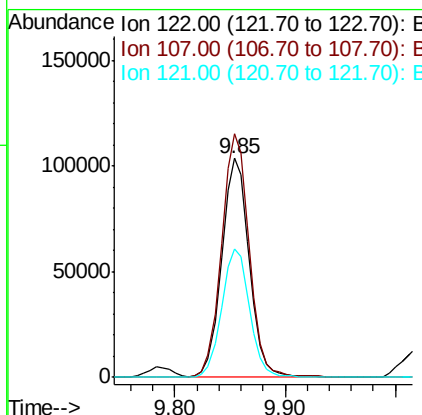
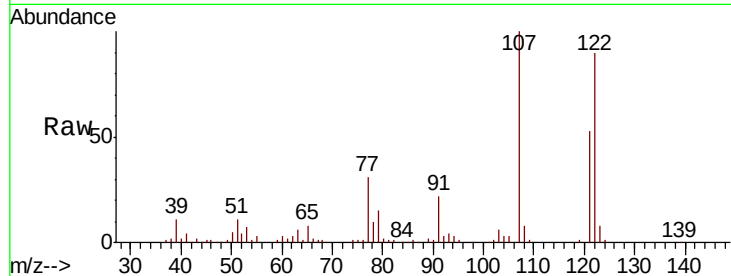




#27
 2,4-Dimethylphenol
 Concen: 59.003 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

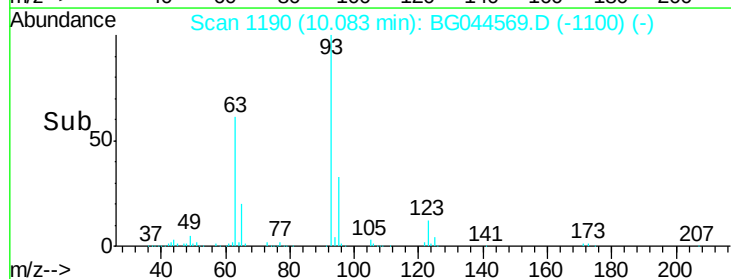
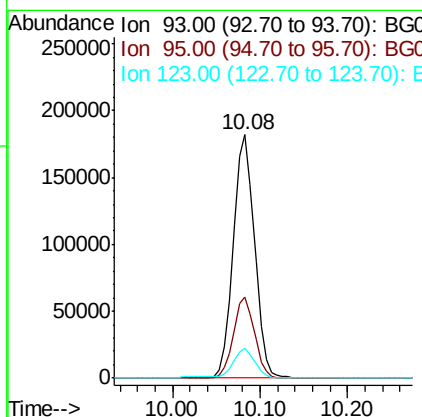
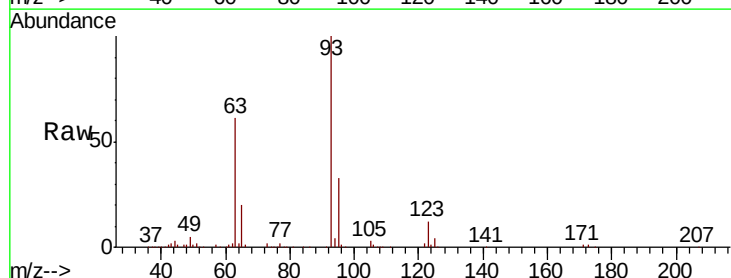
Instrument :
 BNA_G
 ClientSampleId :

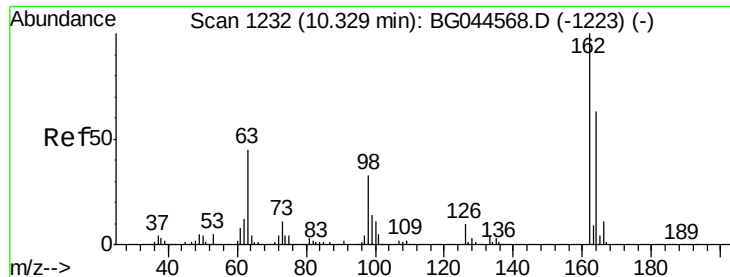
Tot Ion:122 Resp: 179623
 Ion Ratio Lower Upper
 122 100
 107 111.1 89.4 134.0
 121 58.7 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.638 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion: 93 Resp: 299813
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 12.3 9.7 14.5

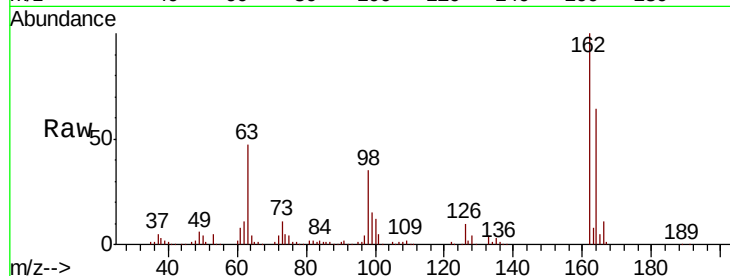




#29
 2,4-Dichlorophenol
 Concen: 58.967 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	35.0	13.2	53.2

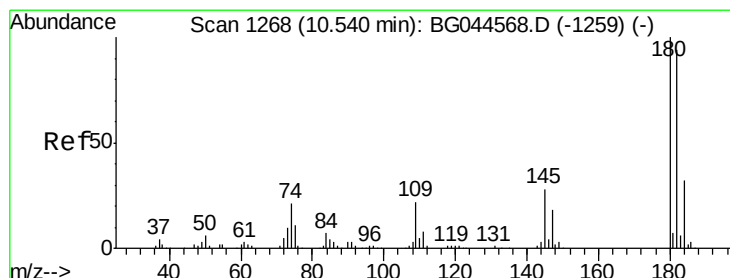
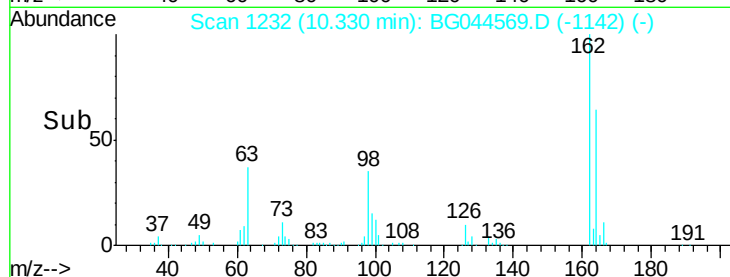
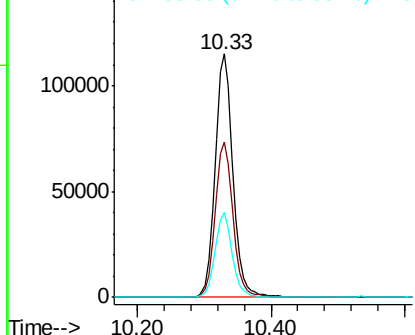


Abundance

Ion 162.00 (161.70 to 162.70): E

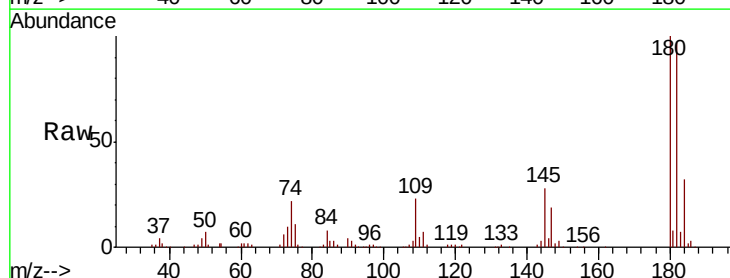
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 58.296 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.6	113.4
145	27.9	22.2	33.2

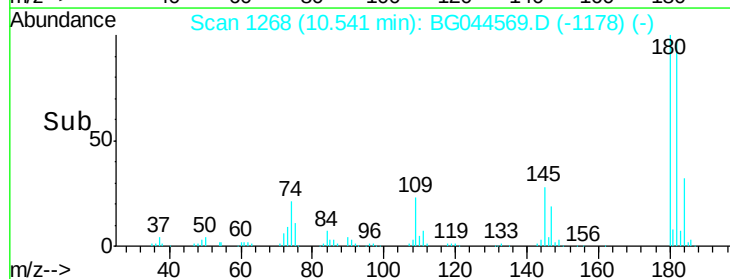
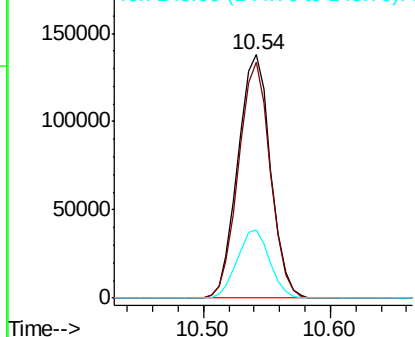


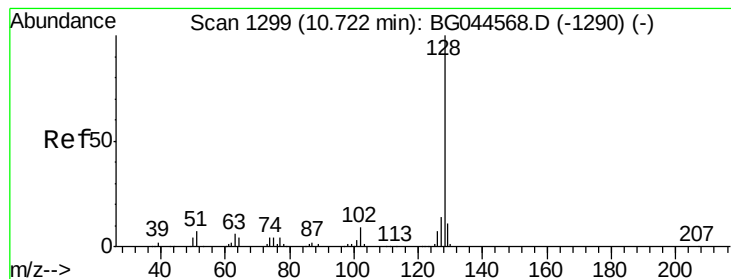
Abundance

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: 57.846 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

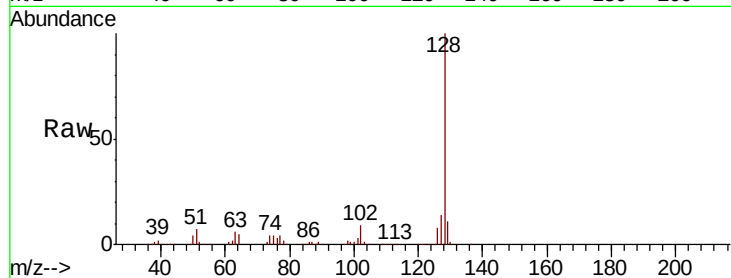
Tot Ion:128 Resp: 674554

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

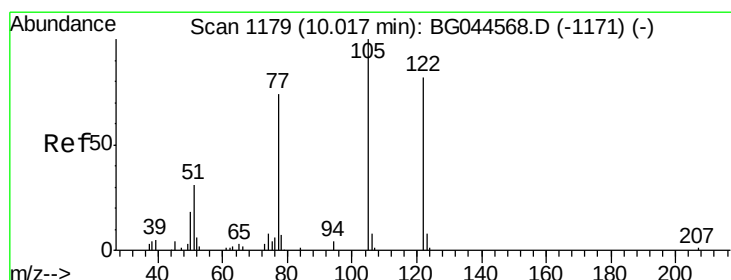
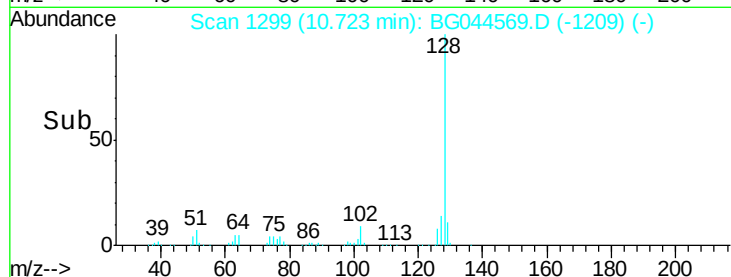
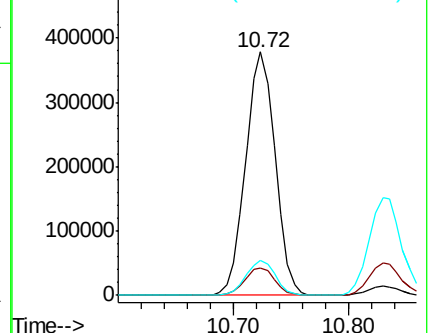
127 14.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.877 ng

RT: 10.04 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

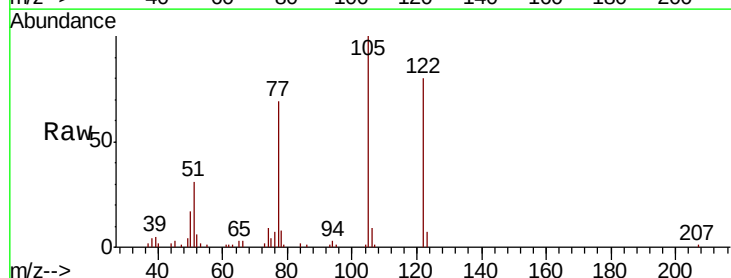
Tgt Ion:122 Resp: 64754

Ion Ratio Lower Upper

122 100

105 124.3 101.4 141.4

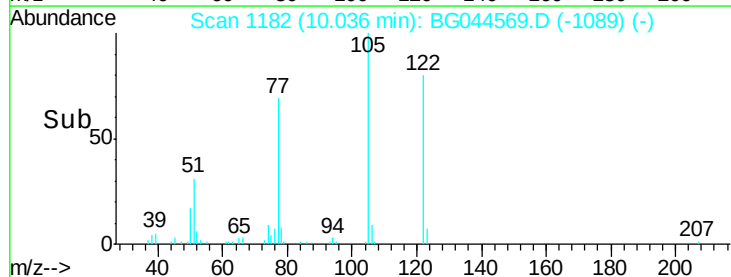
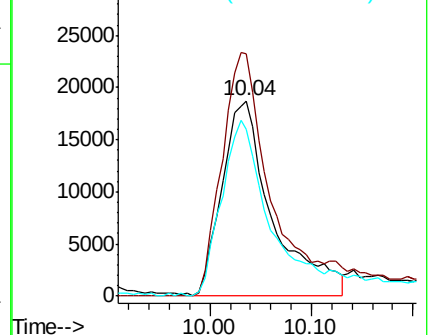
77 85.7 69.8 109.8

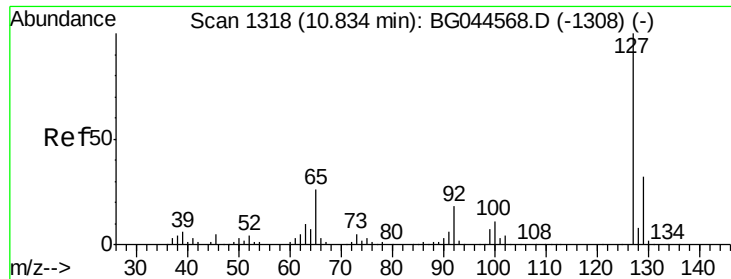


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

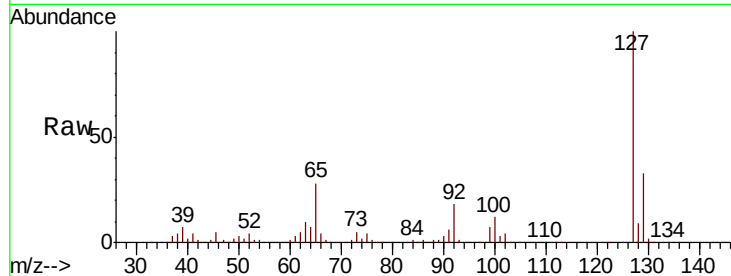




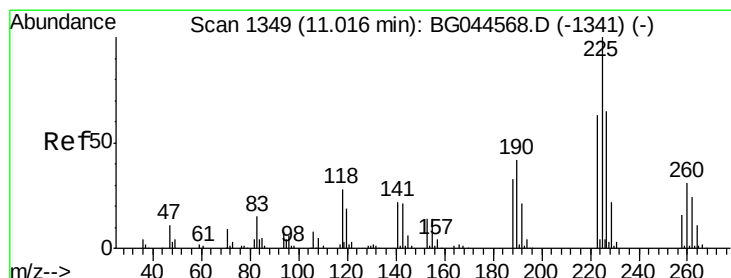
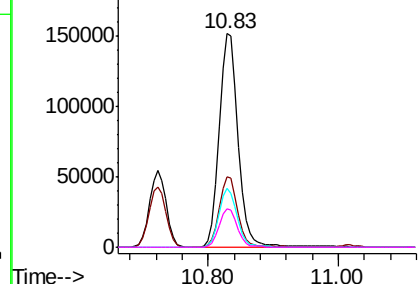
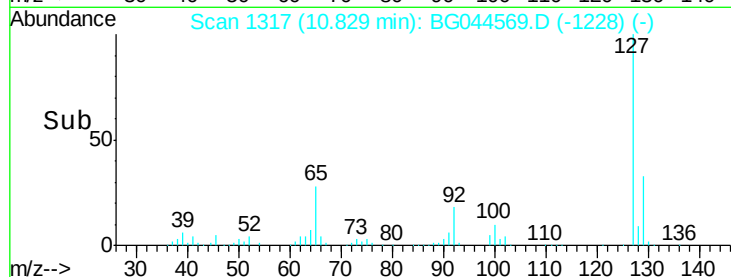
#33
4-Chloroaniline
Concen: 57.758 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	306326
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	27.7	20.7	31.1
92	18.2	14.2	21.2

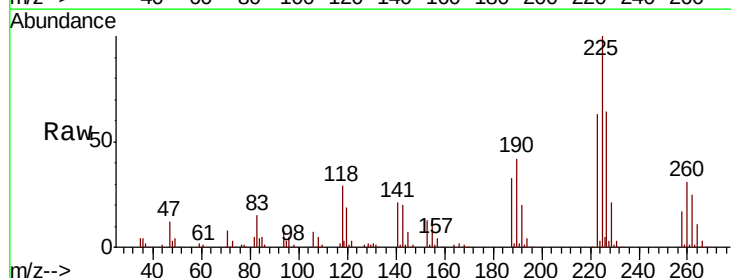


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

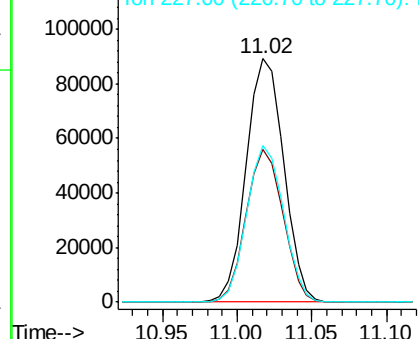
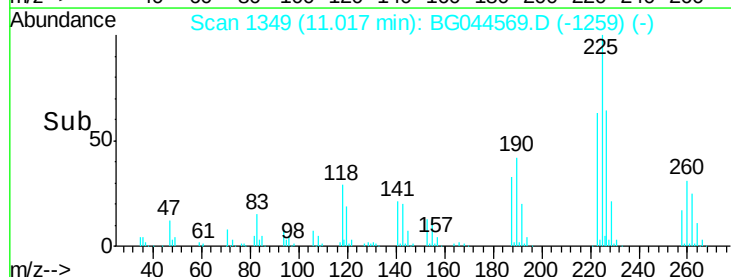


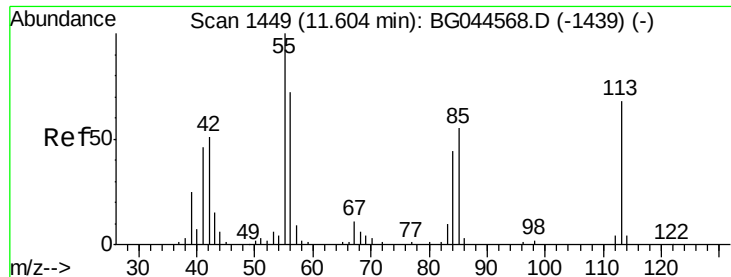
#34
Hexachlorobutadiene
Concen: 59.712 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:	225	Resp:	155085
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.3	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: 57.291 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

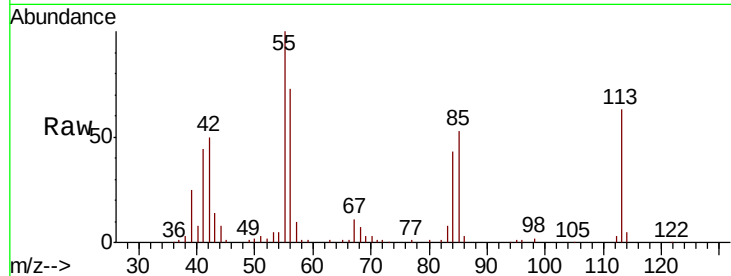
Tot Ion:113 Resp: 77254

Ion Ratio Lower Upper

113 100

55 158.8 127.8 167.8

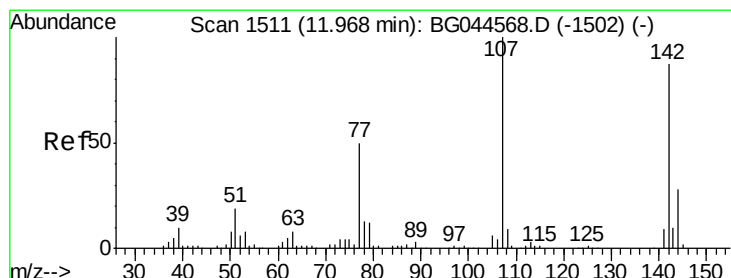
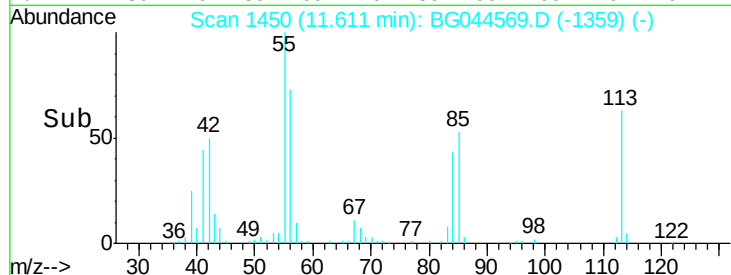
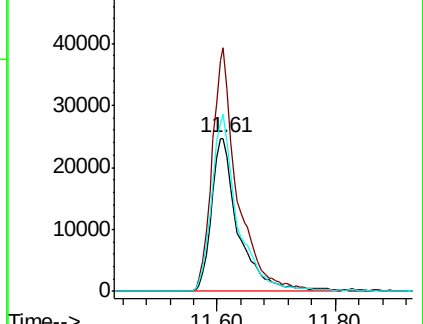
56 115.4 86.9 126.9



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: 57.709 ng

RT: 11.97 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

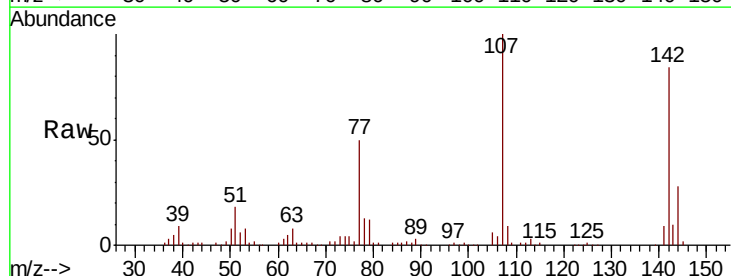
Tgt Ion:107 Resp: 222722

Ion Ratio Lower Upper

107 100

144 28.1 22.3 33.5

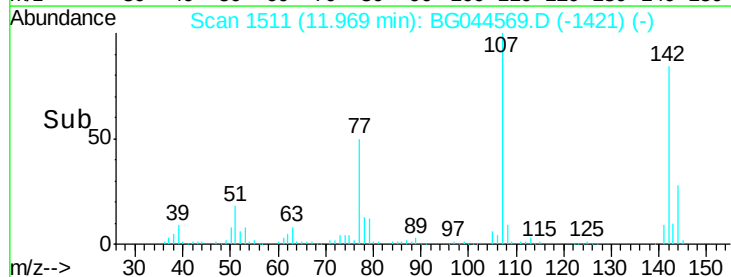
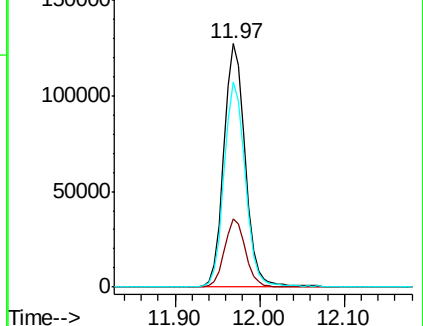
142 84.0 69.3 103.9

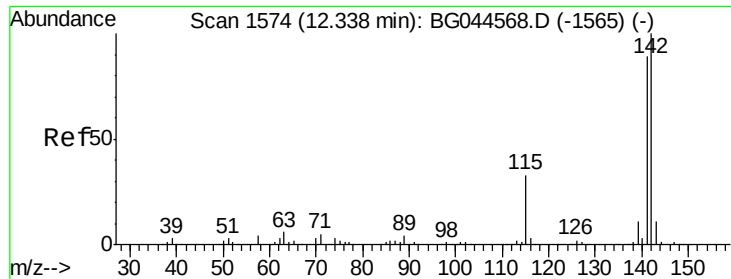


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

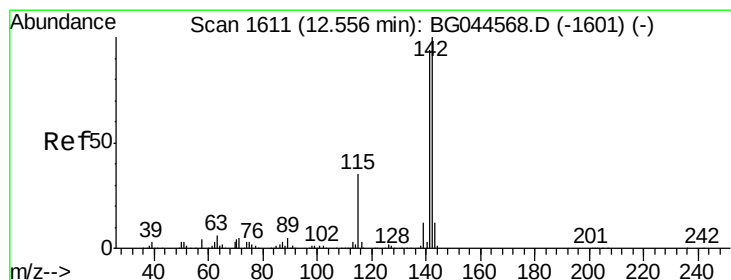
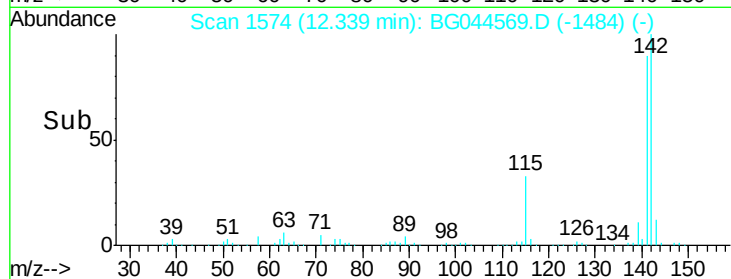
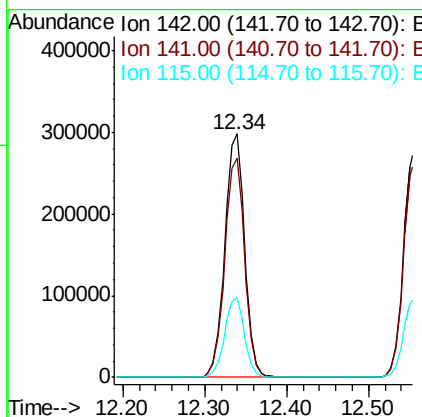
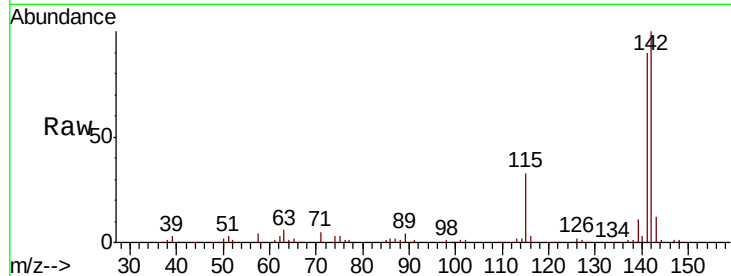




#37
2-Methylnaphthalene
Concen: 57.996 ng
RT: 12.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

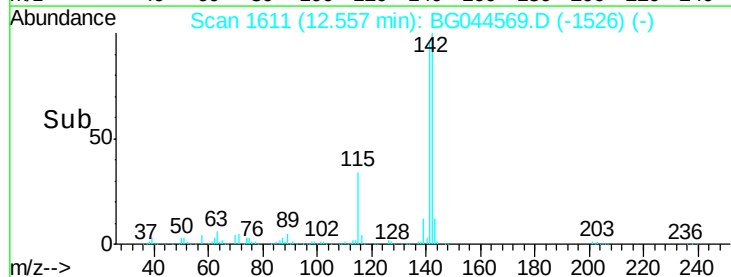
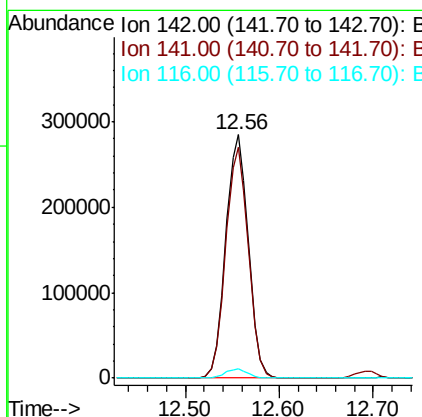
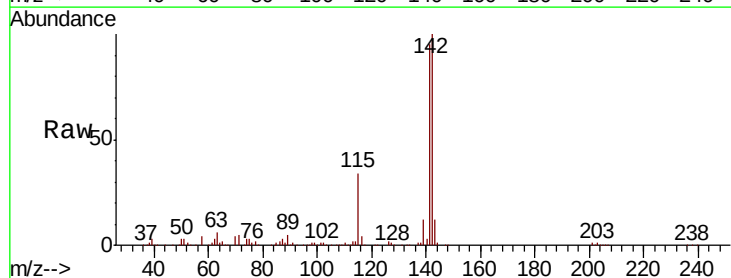
Instrument :
BNA_G
ClientSampleId :

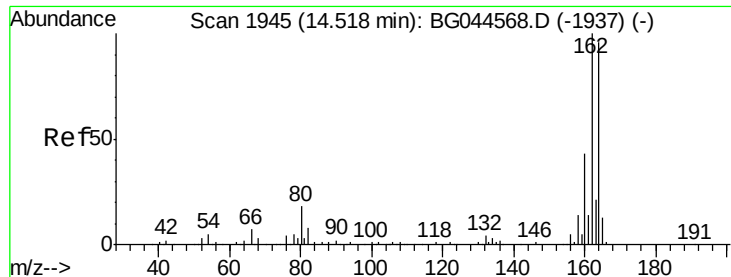
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	32.9	26.2	39.2



#38
1-Methylnaphthalene
Concen: 57.914 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

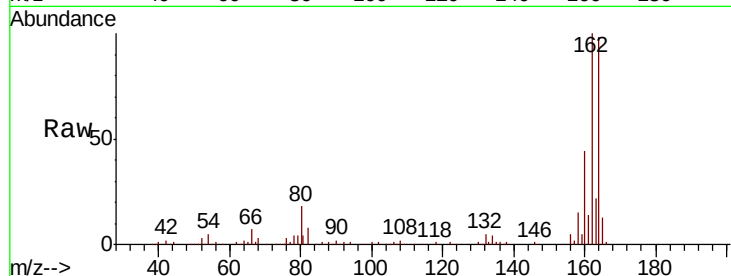
Tot Ion:164 Resp: 156131

Ion Ratio Lower Upper

164 100

162 102.5 83.6 125.4

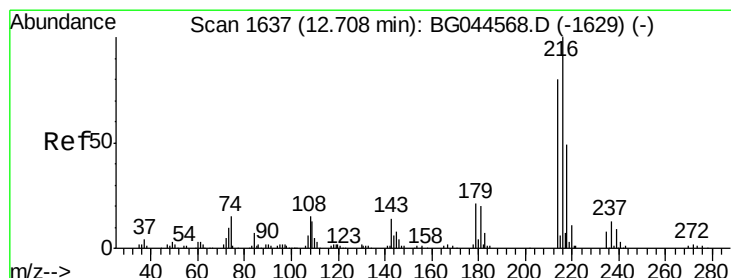
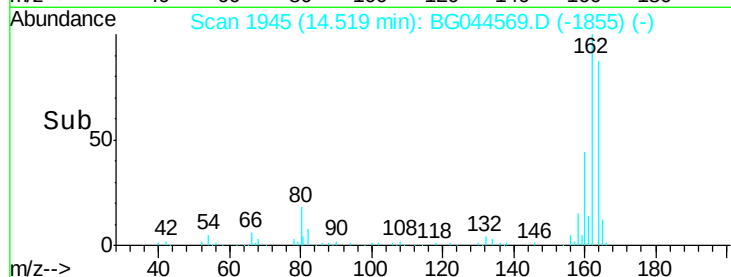
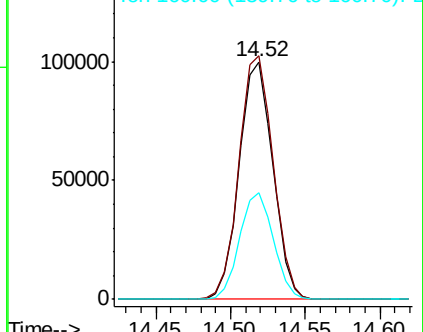
160 45.1 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.400 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Tgt Ion:216 Resp: 272750

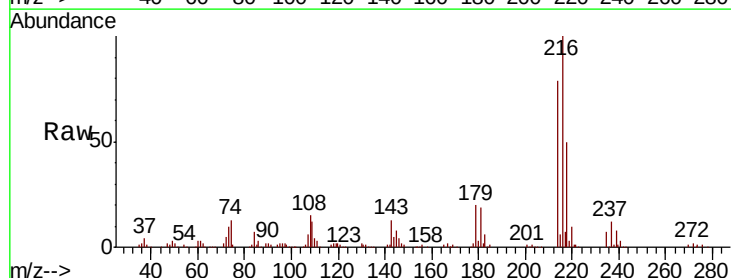
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 20.0 16.2 24.2

108 15.8 12.6 18.8

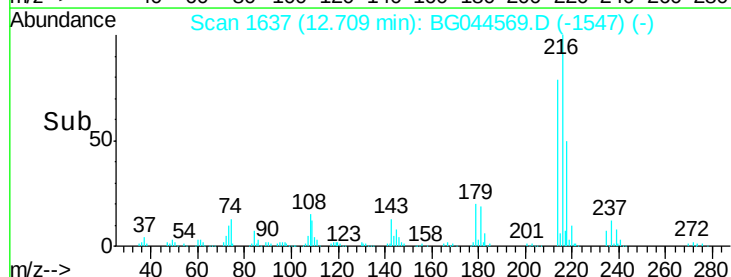
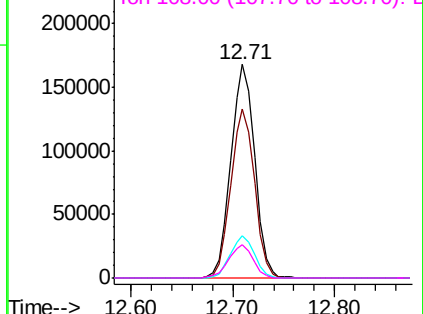


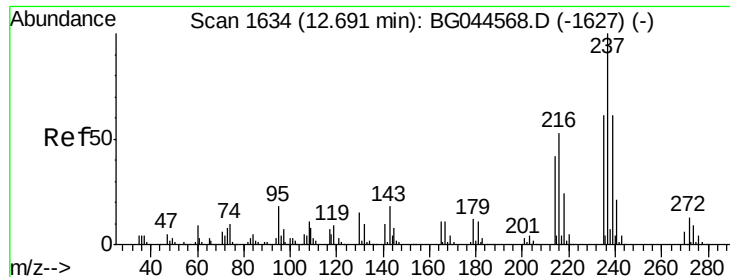
Abundance Ion 216.00 (215.70 to 216.70): E

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

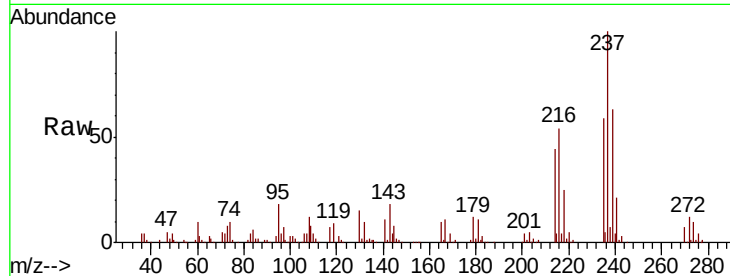




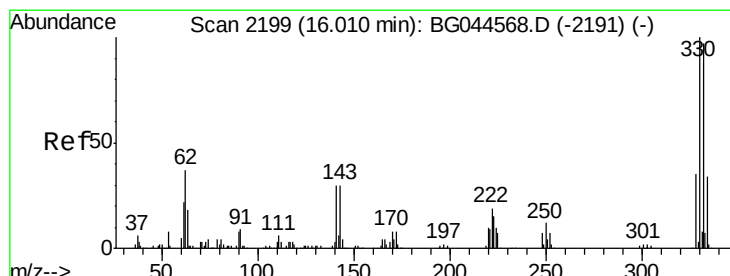
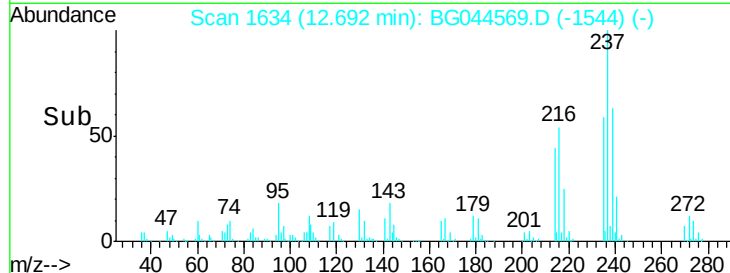
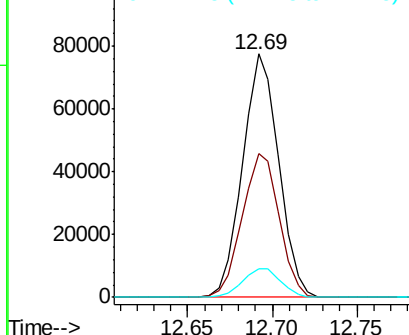
#41
Hexachlorocyclopentadiene
Concen: 51.534 ng
RT: 12.69 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 115487
Ion Ratio Lower Upper
237 100
235 59.1 40.7 80.7
272 11.7 0.0 32.7

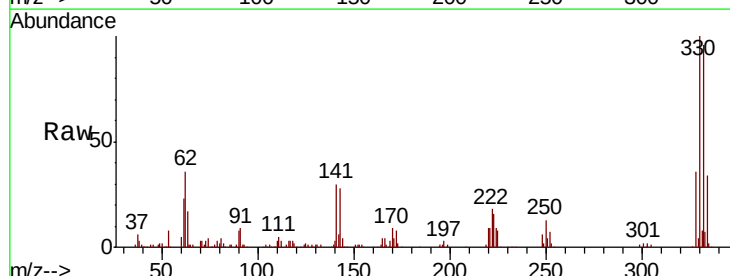


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

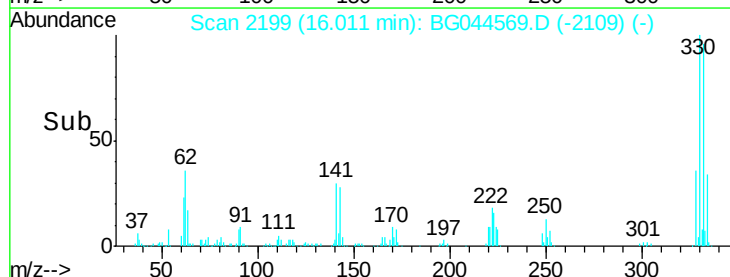
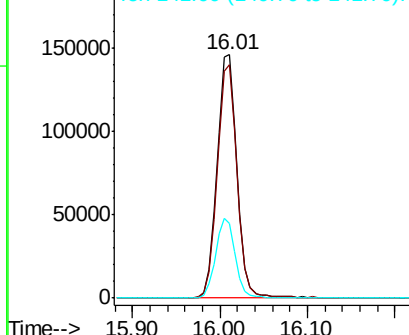


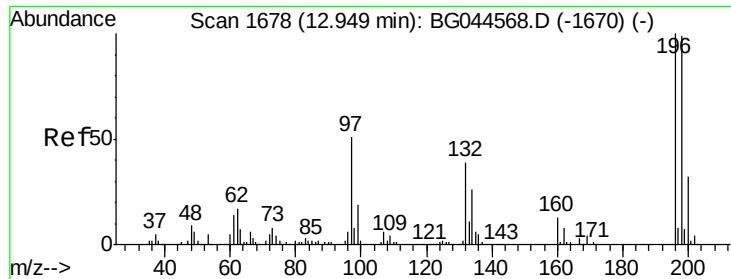
#42
2,4,6-Tribromophenol
Concen: 126.274 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:330 Resp: 231446
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 32.1 26.1 39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

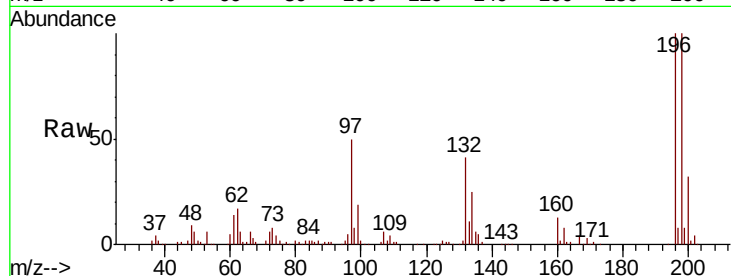




#43
 2,4,6-Trichlorophenol
 Concen: 58.996 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	178097
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.2	118.8
200	32.5	25.7	38.5

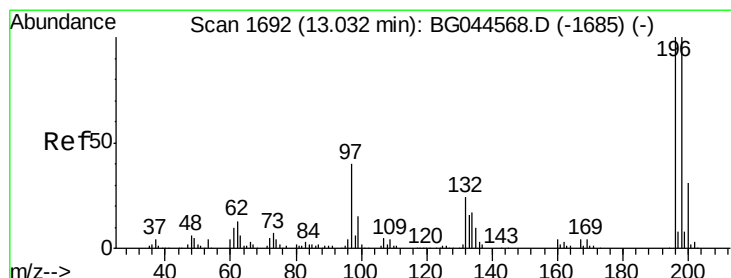
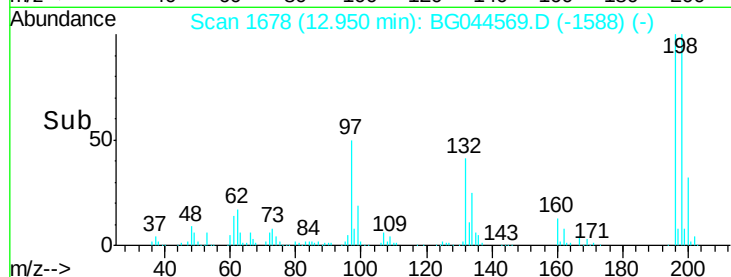
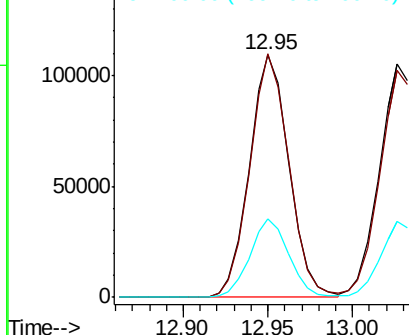


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 59.691 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion	196	Resp	184054
Ion Ratio	Lower	Upper	
196	100		
198	97.5	79.3	118.9
97	44.0	32.3	48.5
132	25.5	19.1	28.7

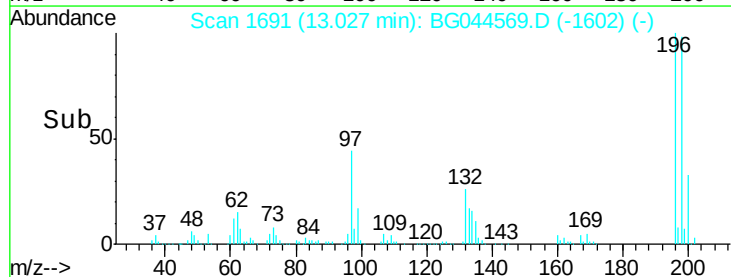
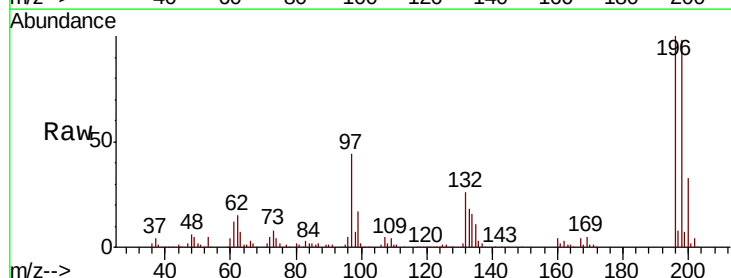
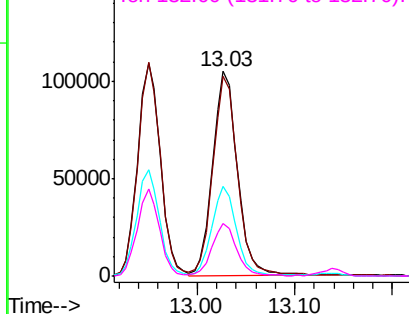
Abundance

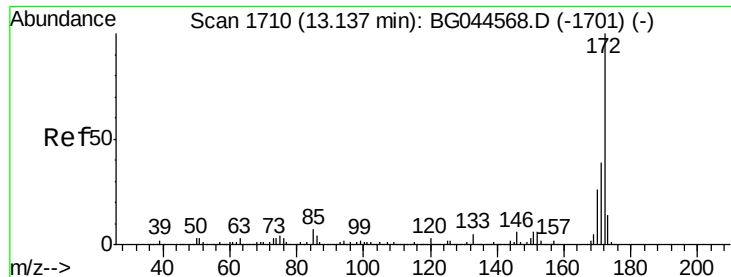
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

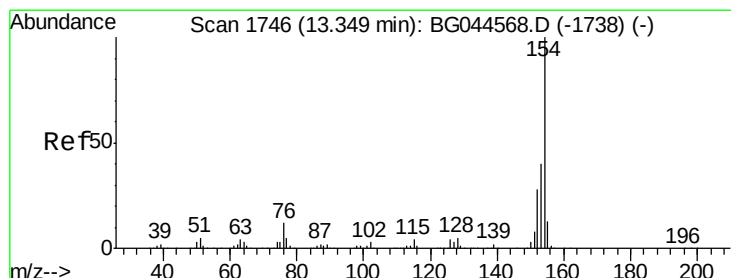
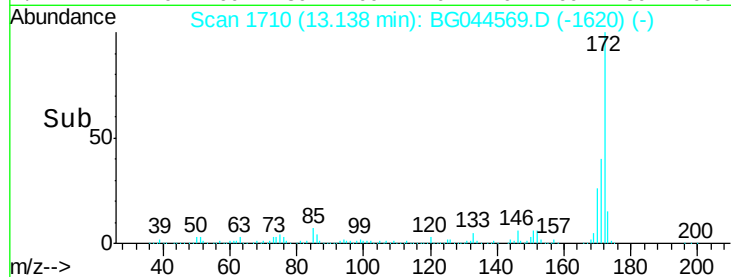
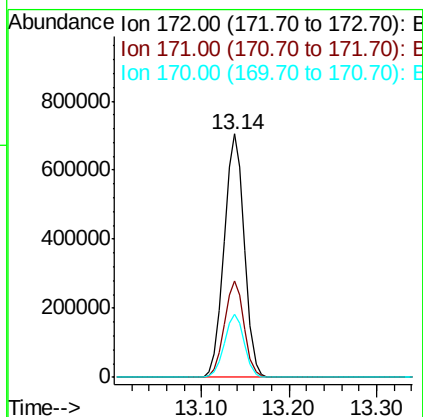
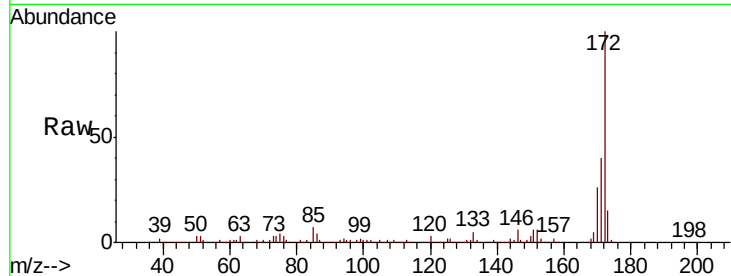




#45
2-Fluorobiphenyl
Concen: 119.969 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

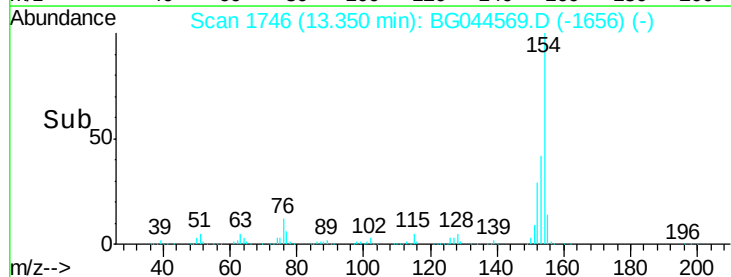
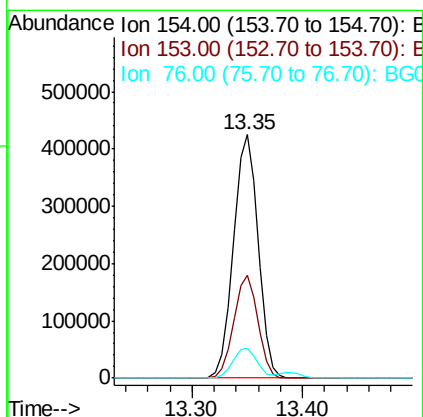
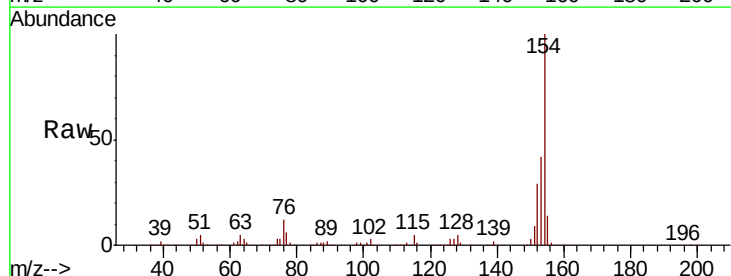
Instrument :
BNA_G
ClientSampleId :

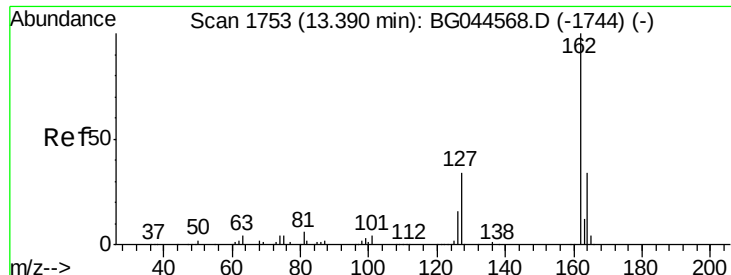
Tot Ion:172 Resp: 1118559
Ion Ratio Lower Upper
172 100
171 39.5 31.3 46.9
170 25.9 21.0 31.4



#46
1,1'-Biphenyl
Concen: 58.979 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:154 Resp: 664212
Ion Ratio Lower Upper
154 100
153 42.3 20.2 60.2
76 12.3 0.0 31.8

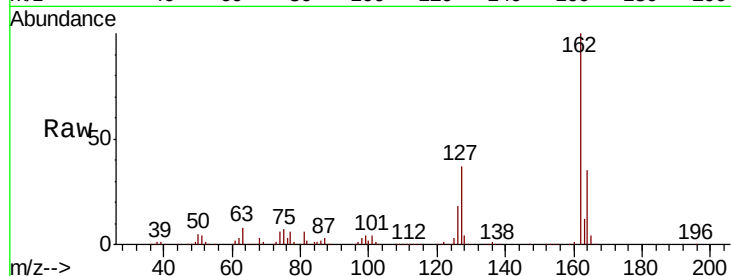




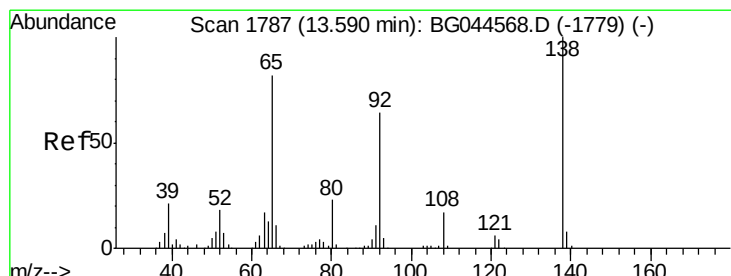
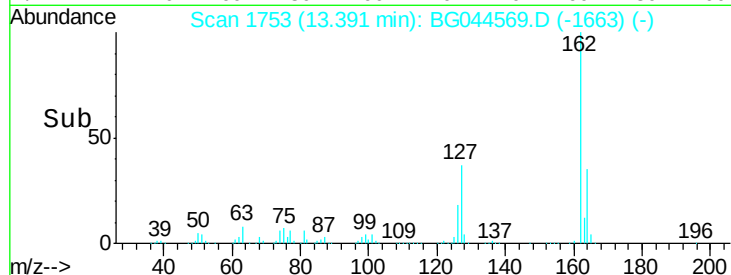
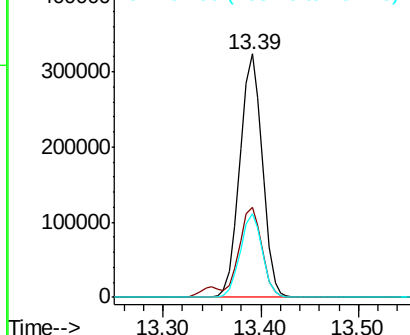
#47
2-Chloronaphthalene
Concen: 57.537 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	28.7	43.1
164	34.5	27.3	40.9

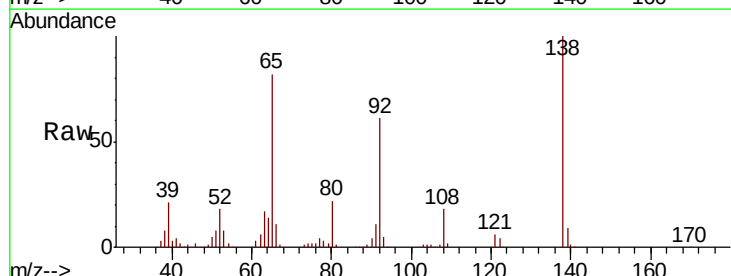


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

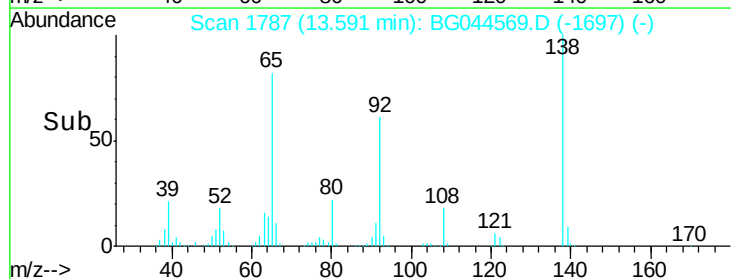
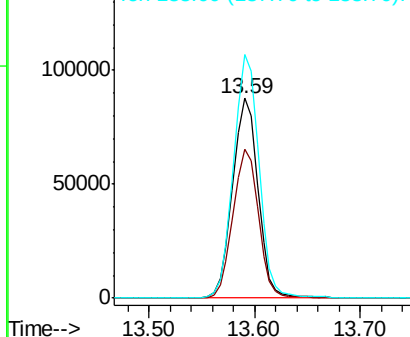


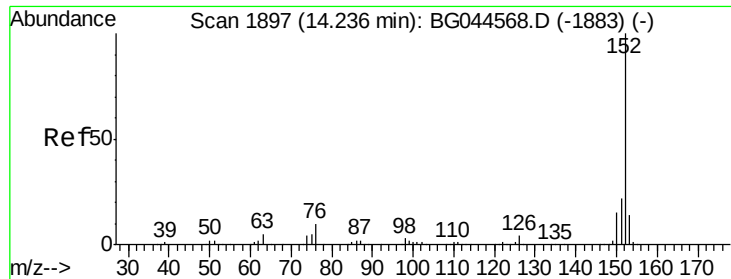
#48
2-Nitroaniline
Concen: 55.491 ng
RT: 13.59 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	62.2	93.2
138	121.9	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: 58.394 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

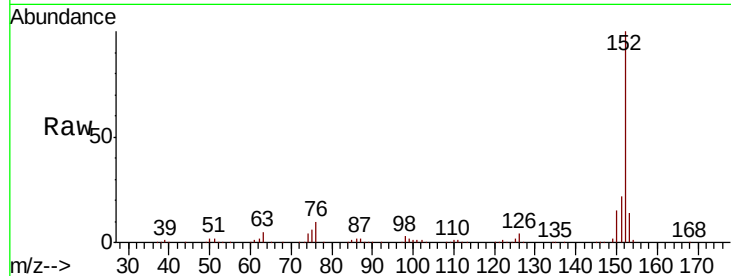
Tot Ion:152 Resp: 767553

Ion Ratio Lower Upper

152 100

151 22.3 17.7 26.5

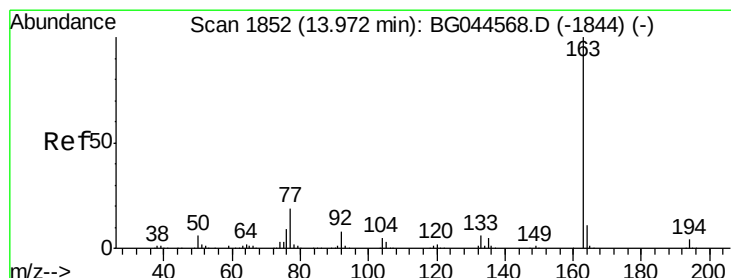
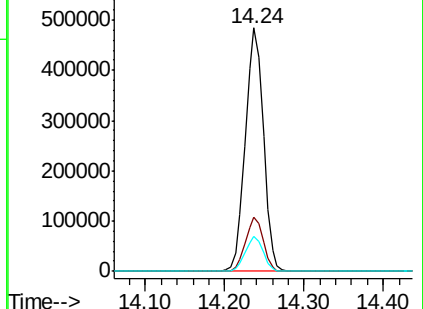
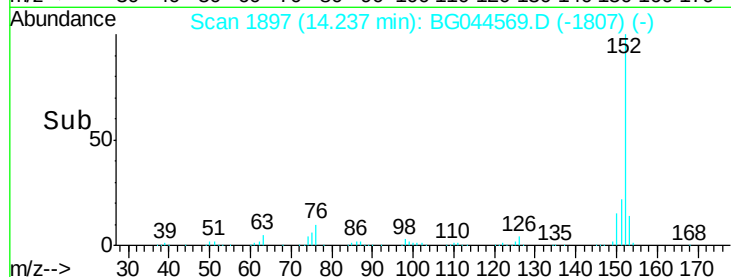
153 14.5 11.3 16.9



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: 57.674 ng

RT: 13.97 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

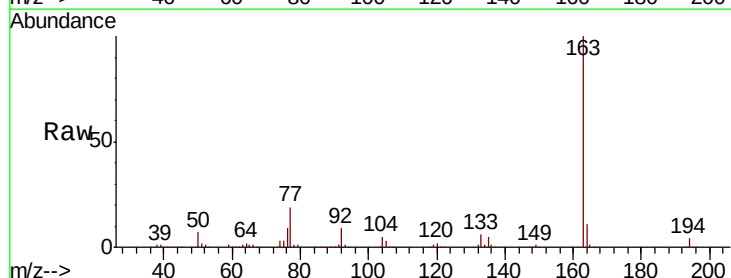
Tgt Ion:163 Resp: 647283

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

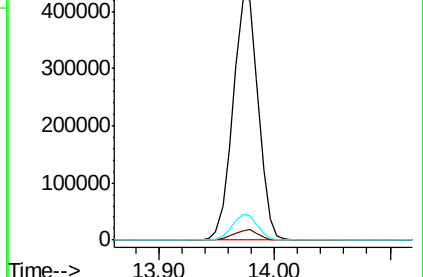
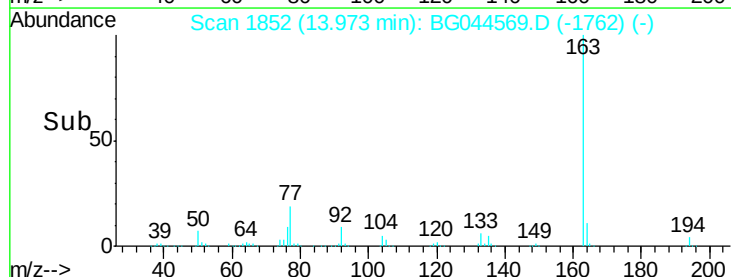
164 10.7 8.7 13.1

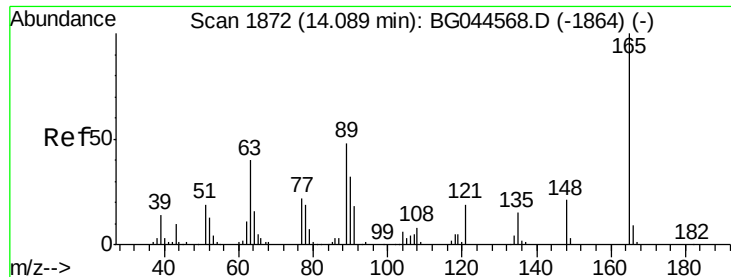


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

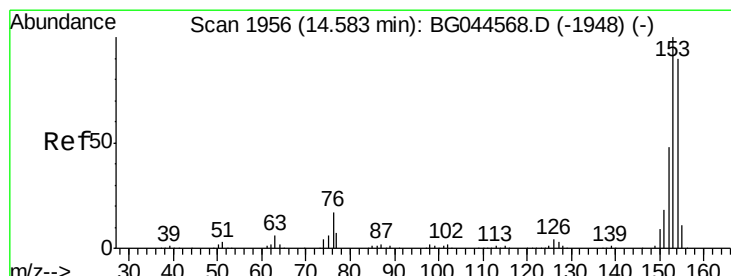
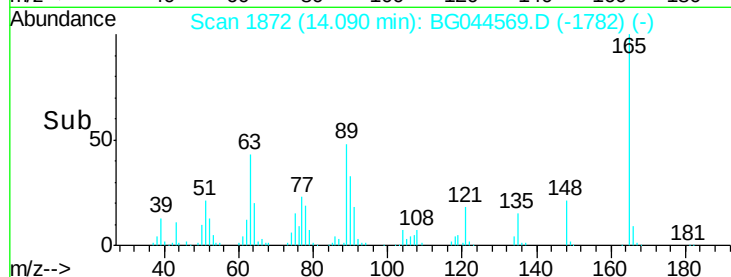
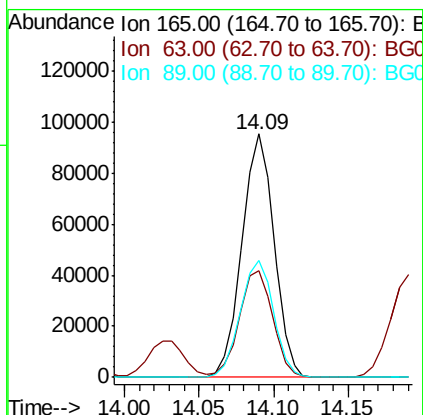
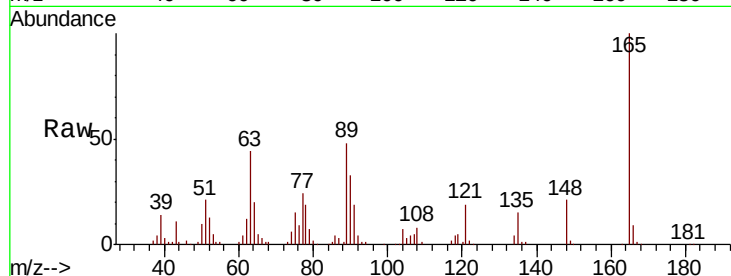




#51
 2,6-Dinitrotoluene
 Concen: 56.768 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

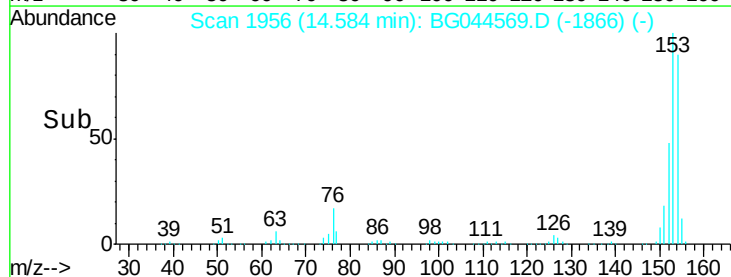
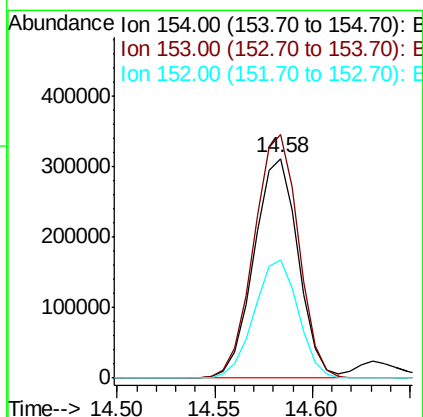
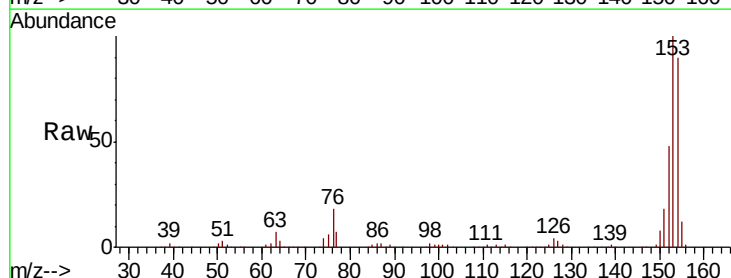
Instrument :
 BNA_G
 ClientSampleId :

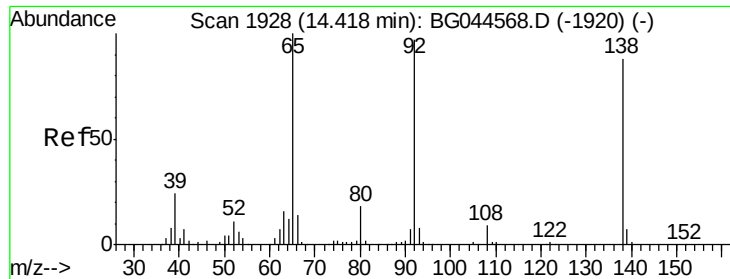
Tot Ion:165 Resp: 142056
 Ion Ratio Lower Upper
 165 100
 63 43.9 35.8 53.6
 89 48.2 38.7 58.1



#52
 Acenaphthene
 Concen: 57.379 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion:154 Resp: 488861
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.4 134.0
 152 53.7 43.0 64.4

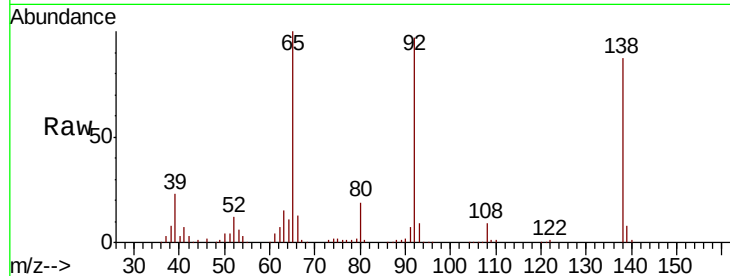




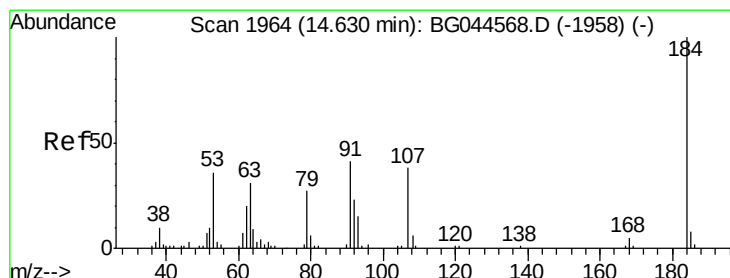
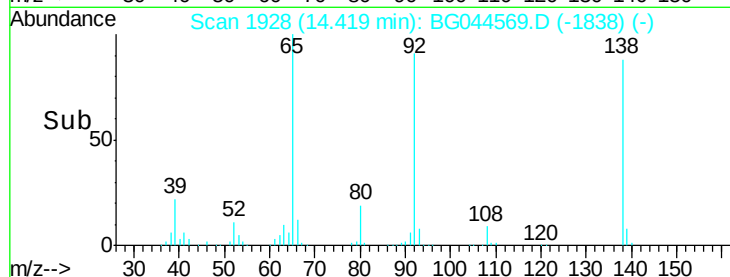
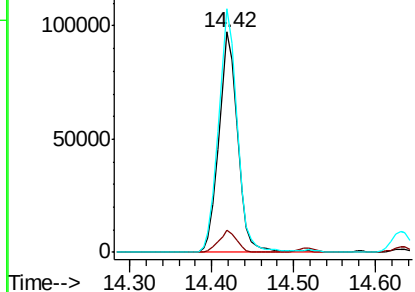
#53
3-Nitroaniline
Concen: 56.710 ng
RT: 14.42 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 157003
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 110.4 87.4 131.2

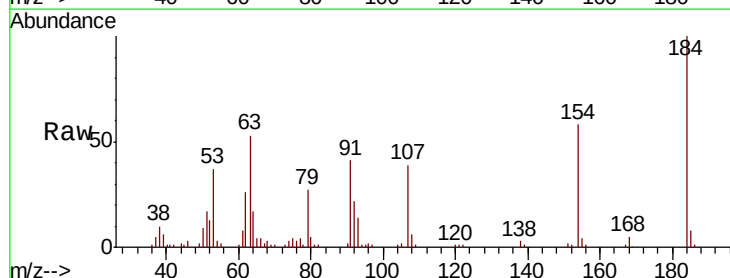


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

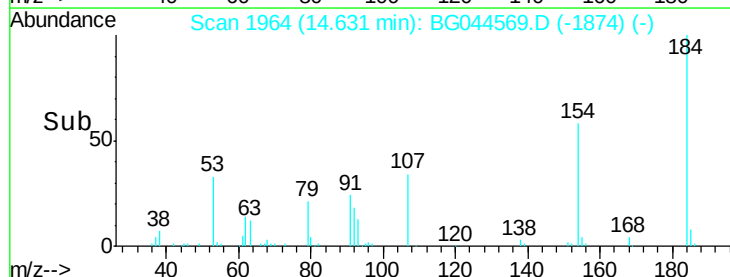
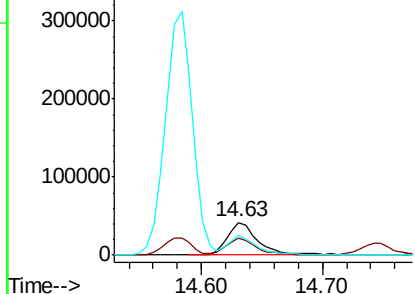


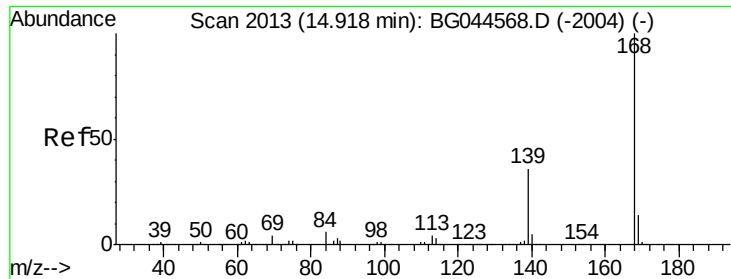
#54
2,4-Dinitrophenol
Concen: 60.462 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:184 Resp: 75113
Ion Ratio Lower Upper
184 100
63 52.7 42.1 63.1
154 58.0 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

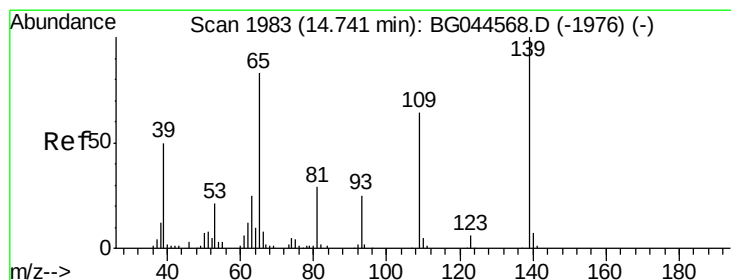
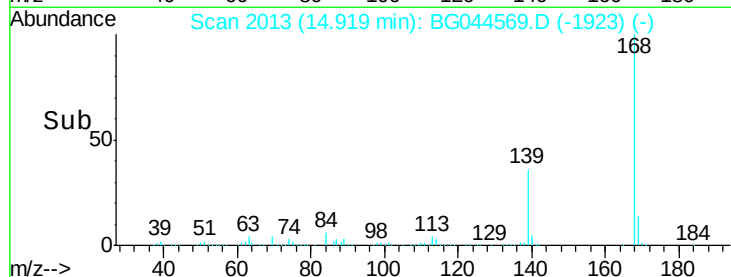
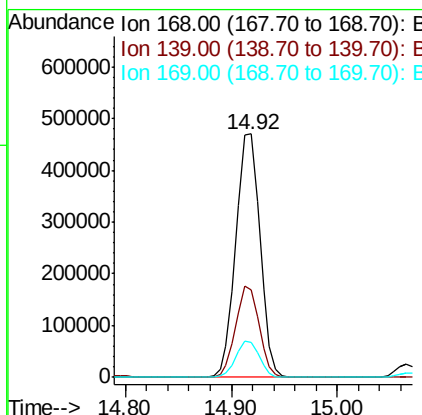
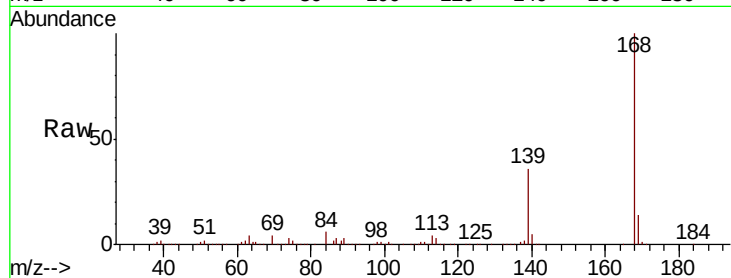




#55
Dibenzofuran
Concen: 57.811 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

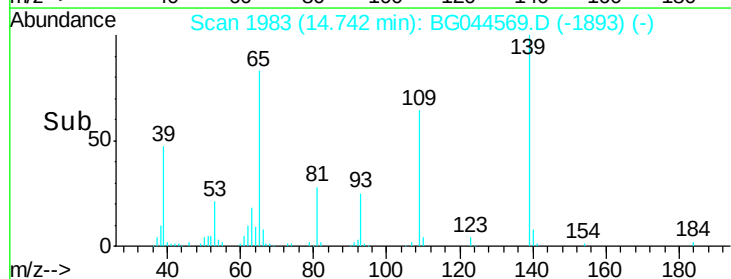
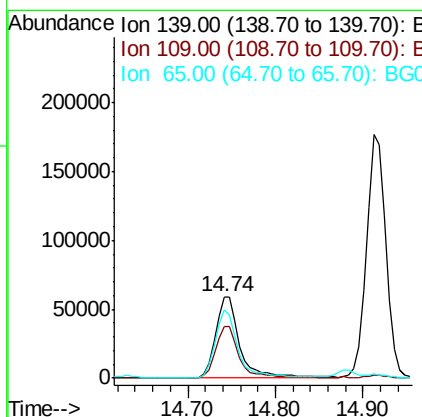
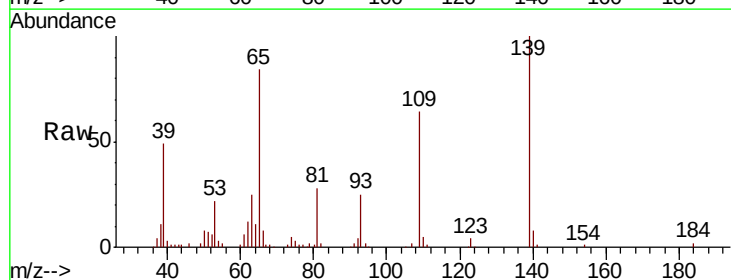
Instrument :
BNA_G
ClientSampled :

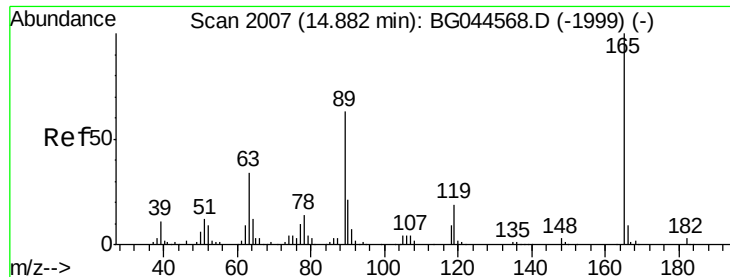
Tot Ion:168 Resp: 745725
Ion Ratio Lower Upper
168 100
139 36.1 29.2 43.8
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 55.818 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:139 Resp: 113195
Ion Ratio Lower Upper
139 100
109 63.7 43.8 83.8
65 83.7 63.6 103.6

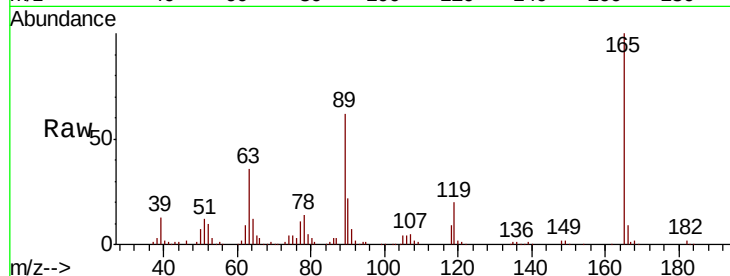




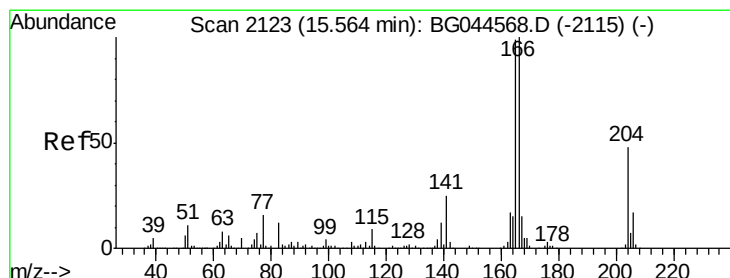
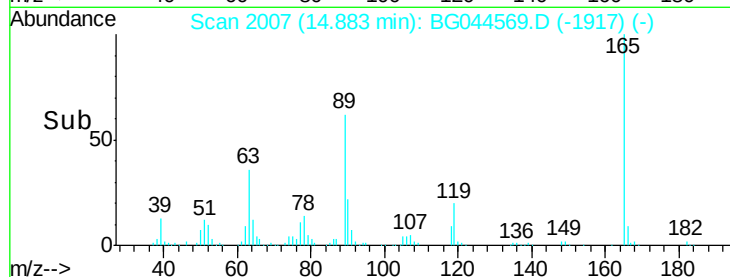
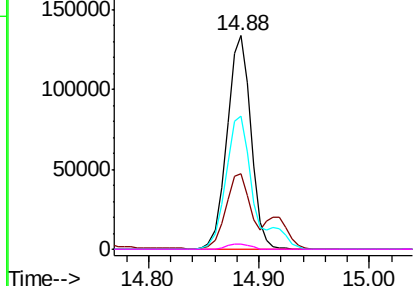
#57
2,4-Dinitrotoluene
Concen: 57.623 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	202101
Ion Ratio	Lower	Upper
165	100	
63	35.7	27.5 41.3
89	62.1	50.0 75.0
182	2.4	2.3 3.5

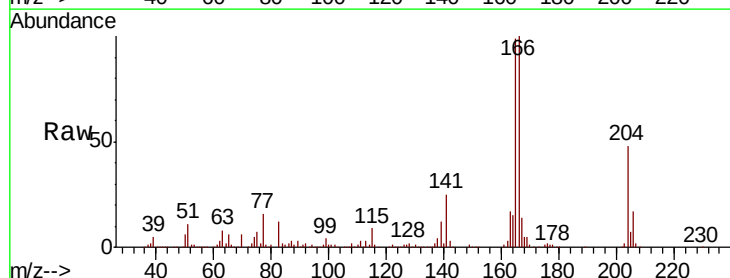


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

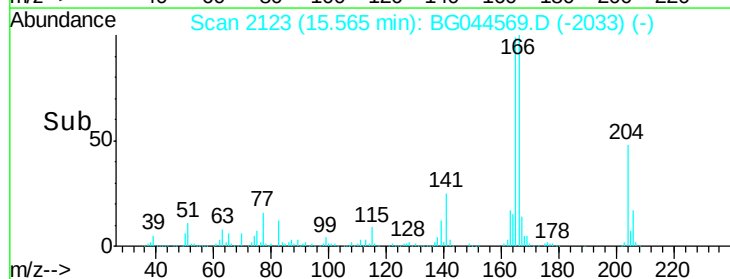
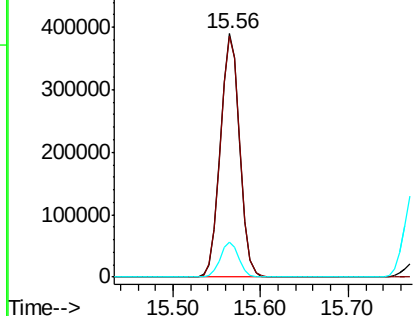


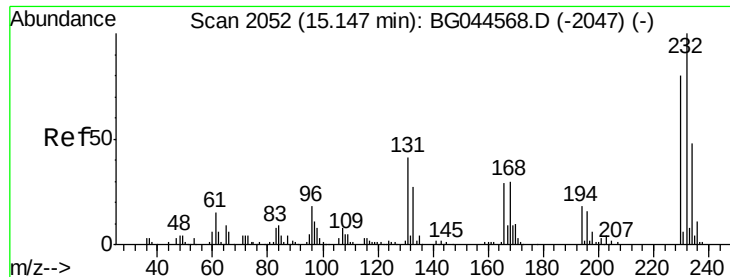
#58
Fluorene
Concen: 58.433 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:166	Resp:	593672
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.2 118.8
167	14.4	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

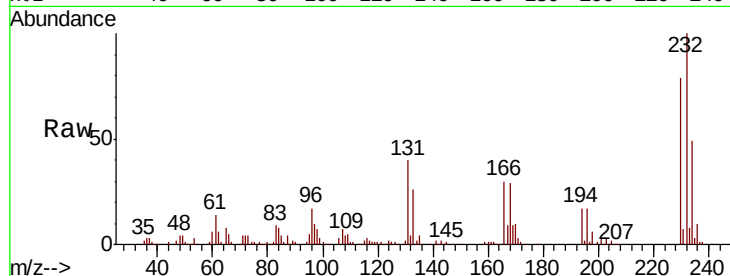




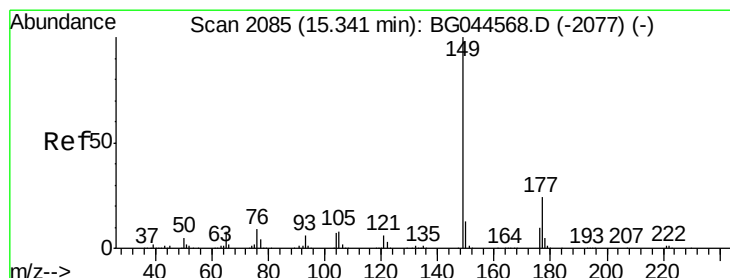
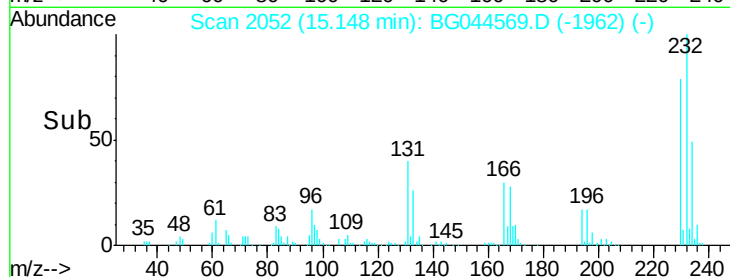
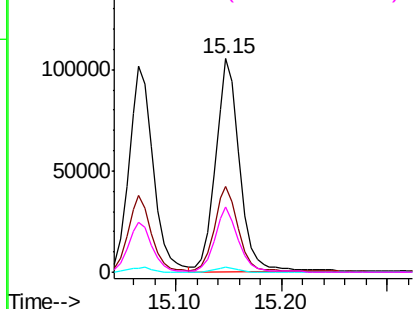
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.652 ng
RT: 15.15 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	31.8	47.6
130	2.3	1.8	2.6
166	30.1	22.7	34.1

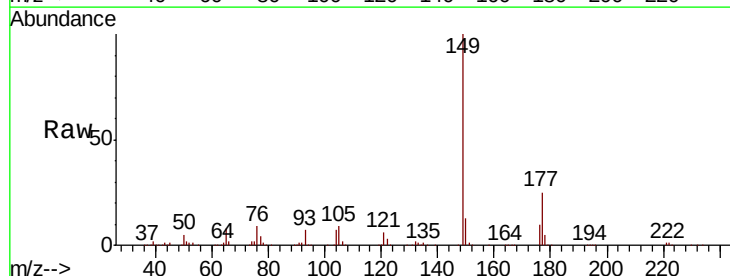


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

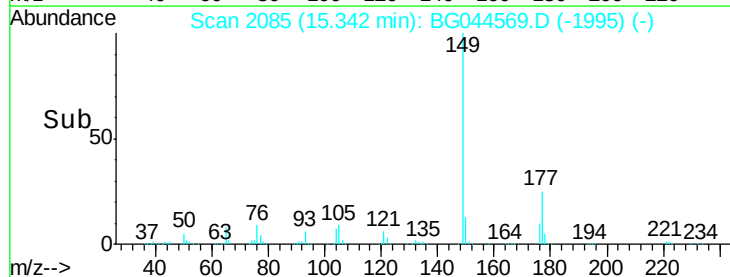
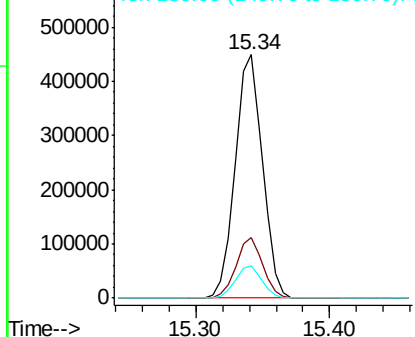


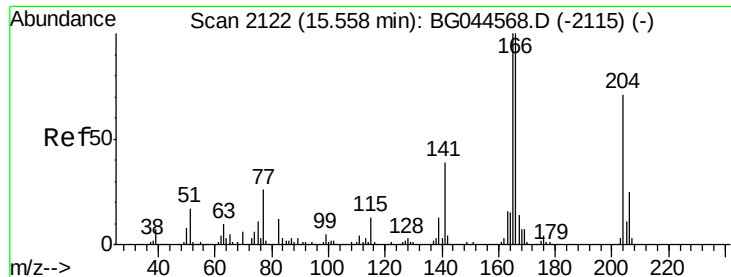
#60
Diethylphthalate
Concen: 57.005 ng
RT: 15.34 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	13.2	10.2	15.4



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





#61

4-Chlorophenyl-phenylether

Concen: 58.307 ng

RT: 15.56 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

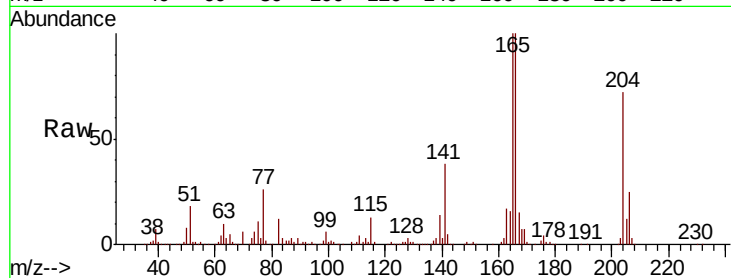
Tot Ion:204 Resp: 321200

Ion Ratio Lower Upper

204 100

206 34.4 27.8 41.8

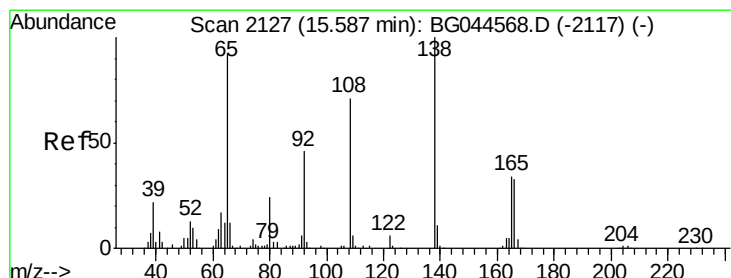
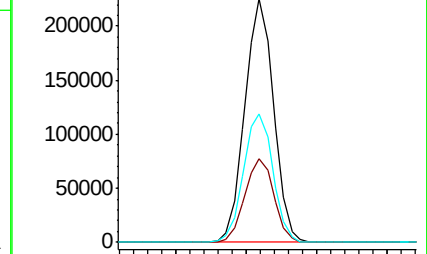
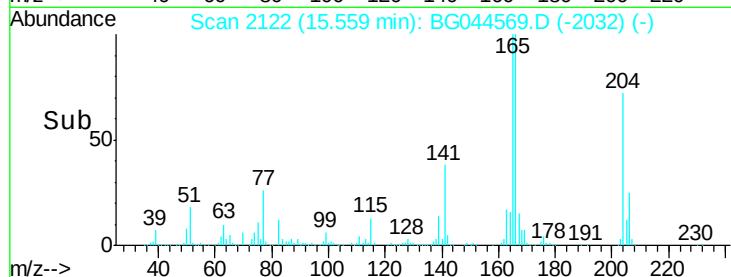
141 52.6 43.8 65.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 57.667 ng

RT: 15.59 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

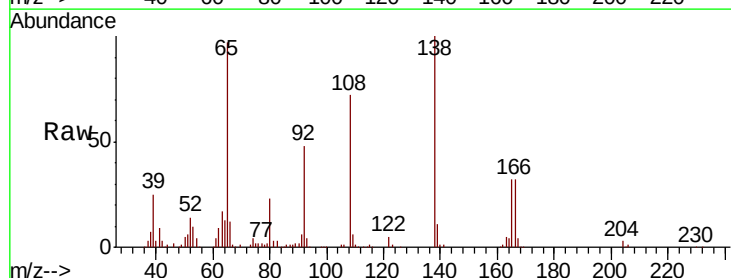
Tgt Ion:138 Resp: 159529

Ion Ratio Lower Upper

138 100

92 48.3 26.4 66.4

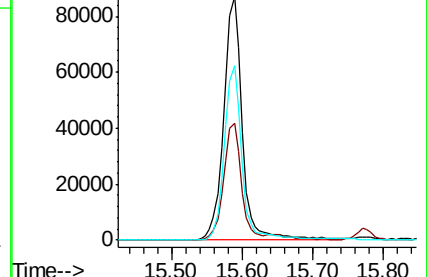
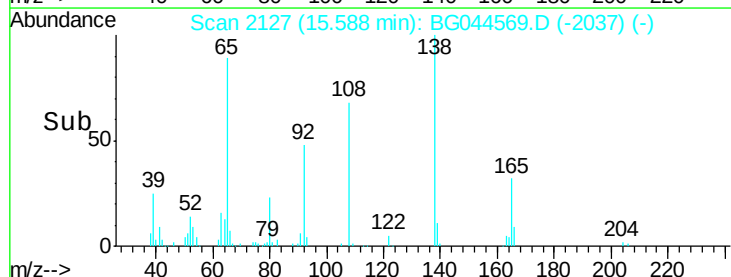
108 71.5 50.5 90.5

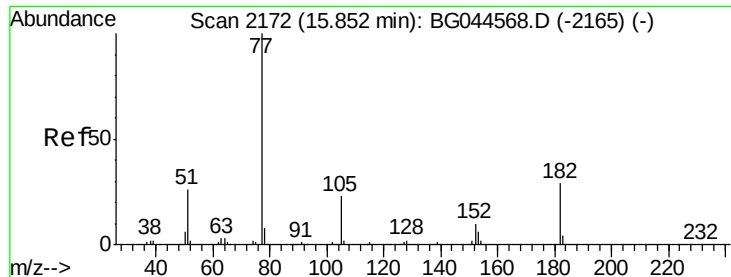


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 55.209 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 541116

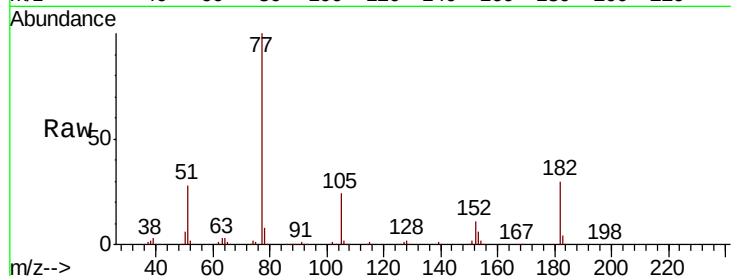
Ion Ratio Lower Upper

77 100

182 30.2 9.4 49.4

105 23.8 3.4 43.4

51 27.8 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

600000

500000

400000

300000

200000

100000

0

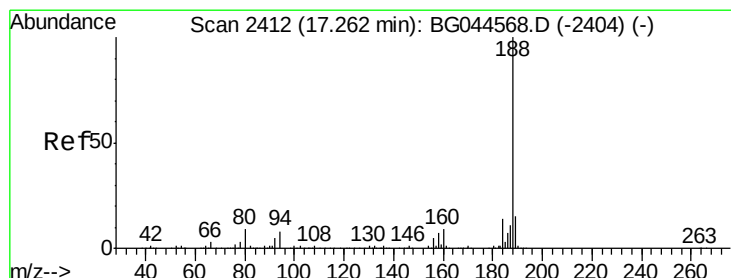
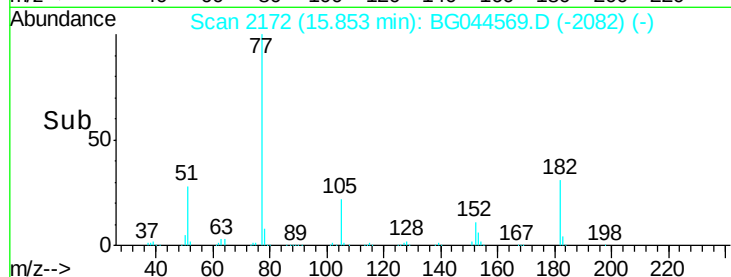
15.85

15.80

15.90

16.00

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

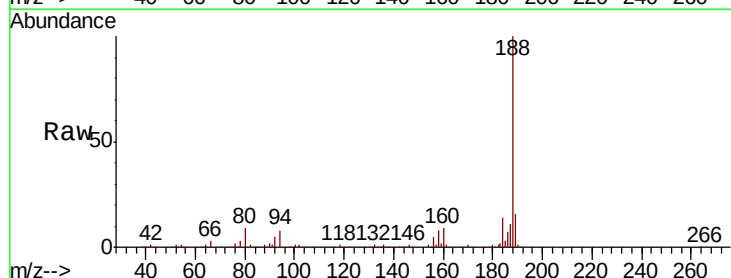
Tgt Ion: 188 Resp: 336007

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 9.1 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

300000

250000

200000

150000

100000

50000

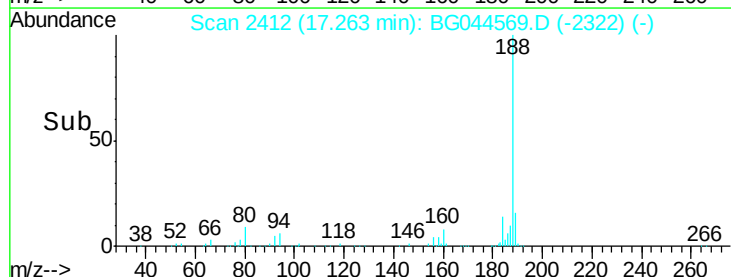
0

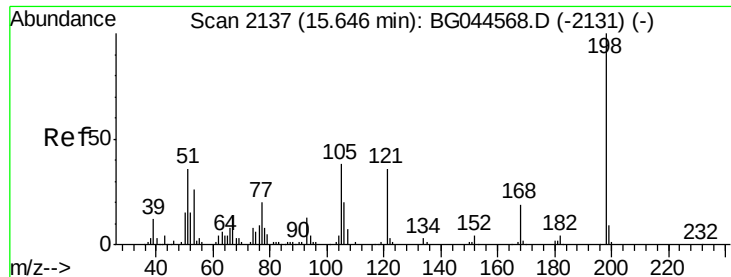
17.26

17.20

17.30

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 61.145 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

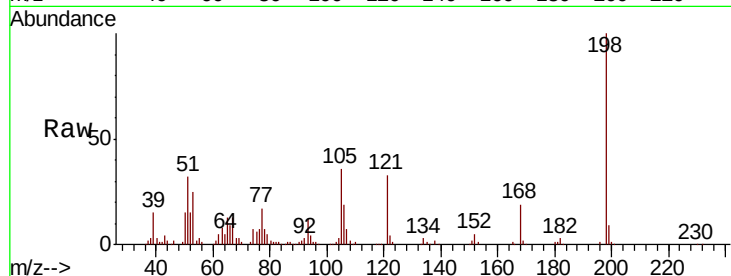
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 113409

Ion	Ratio	Lower	Upper
198	100		
51	32.2	17.0	57.0
105	35.8	18.4	58.4

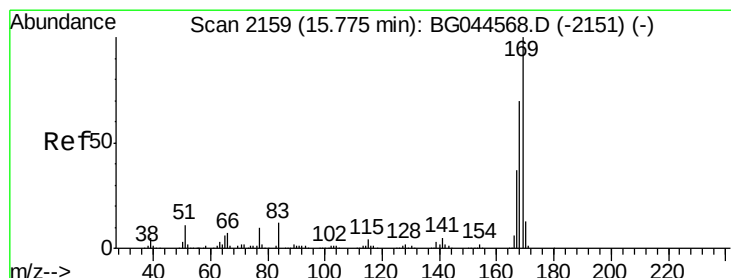
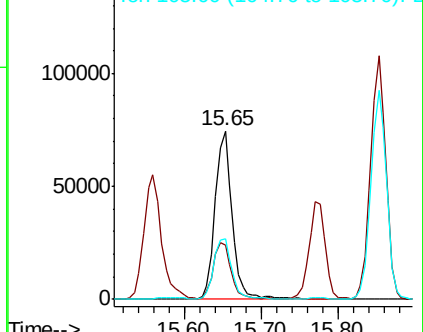
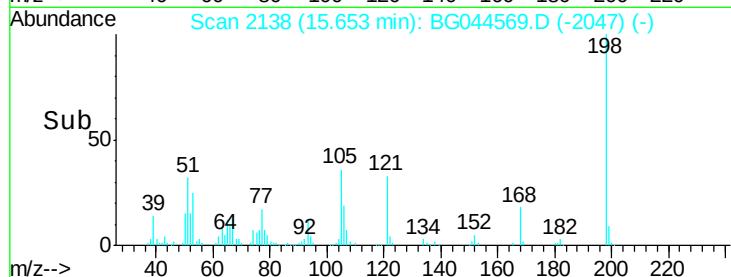


Abundance

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: 57.666 ng

RT: 15.78 min Scan# 2159

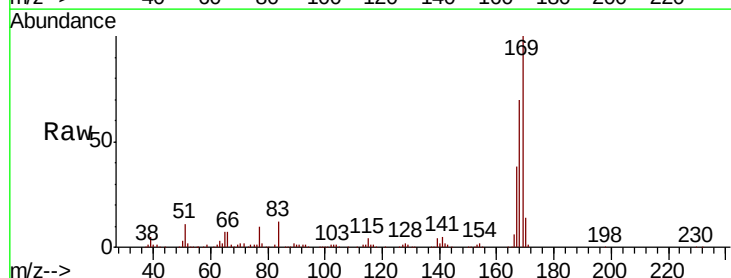
Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Tgt Ion:169 Resp: 543004

Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.1	84.1
167	37.6	29.4	44.0

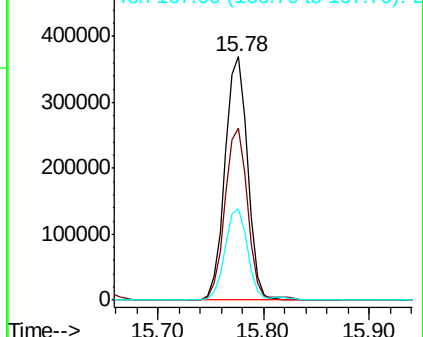
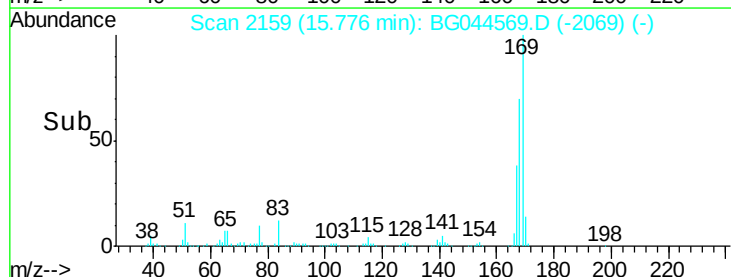


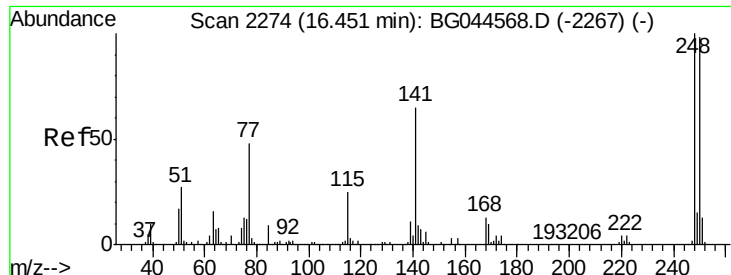
Abundance

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

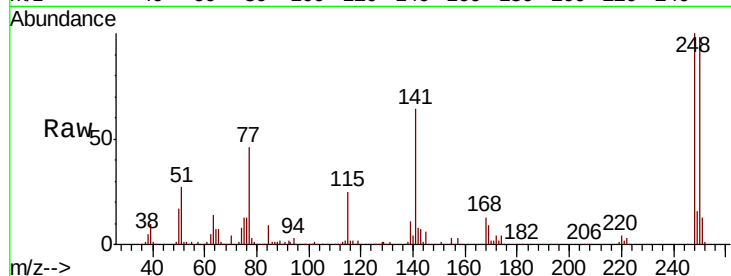




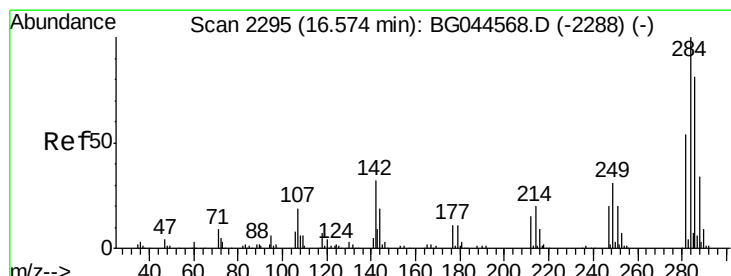
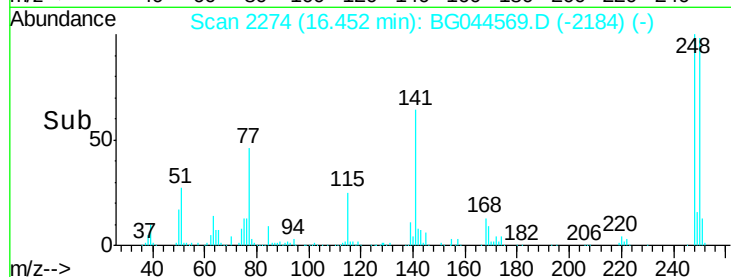
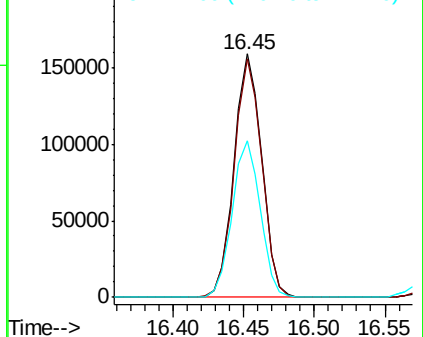
#67
4-Bromophenyl-phenylether
Concen: 59.331 ng
RT: 16.45 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 217198
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 64.4 52.3 78.5

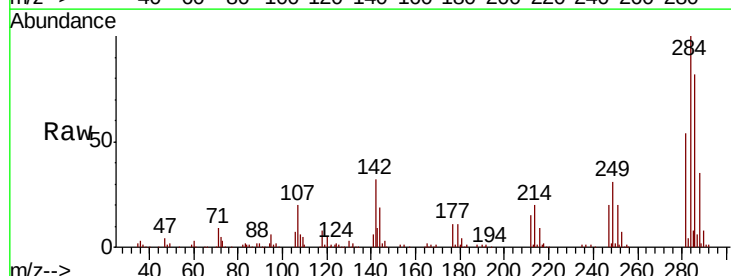


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

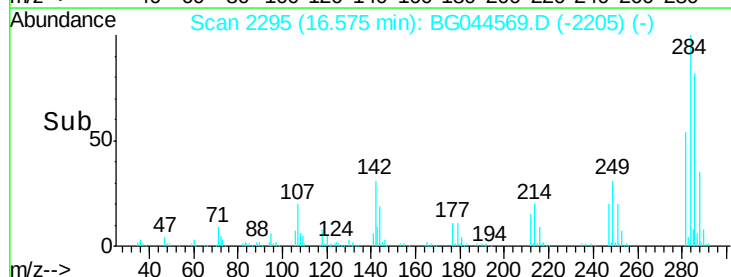
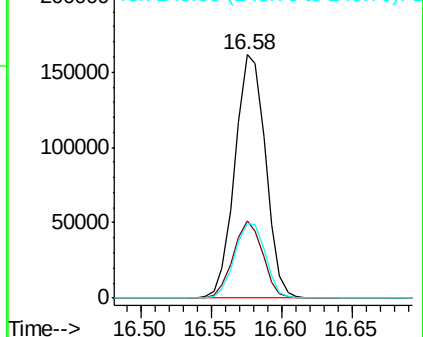


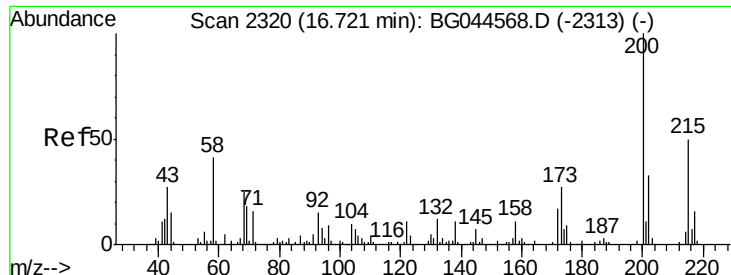
#68
Hexachlorobenzene
Concen: 59.580 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:284 Resp: 244354
Ion Ratio Lower Upper
284 100
142 31.6 25.6 38.4
249 30.8 24.6 36.8



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

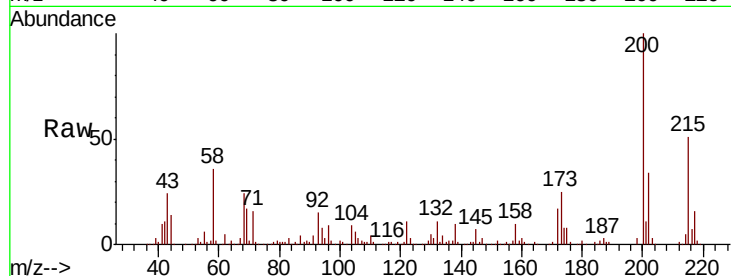




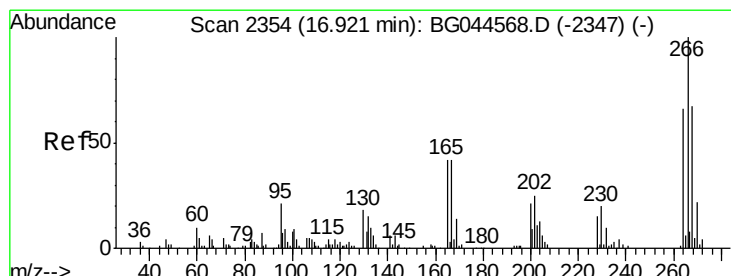
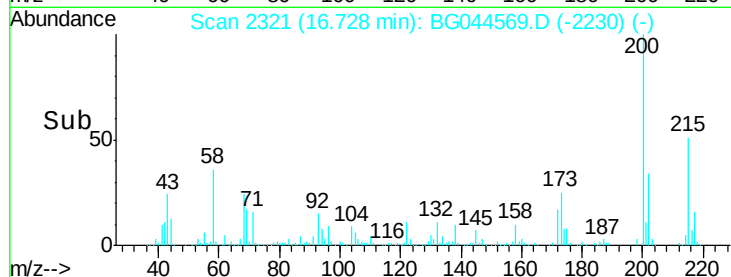
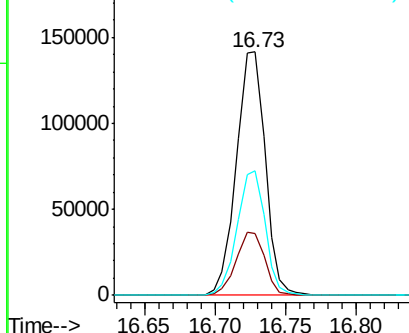
#69
 Atrazine
 Concen: 62.896 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.6	46.6
215	51.2	30.3	70.3

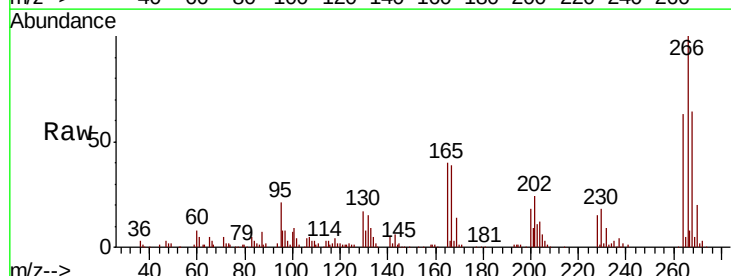


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

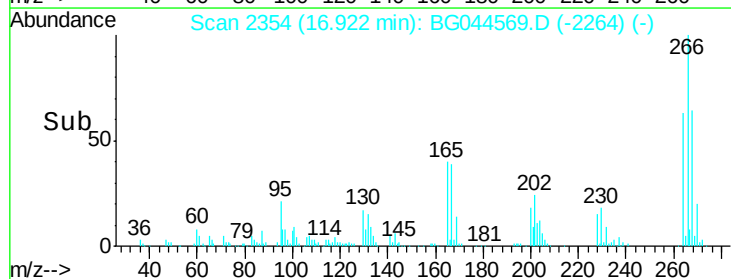
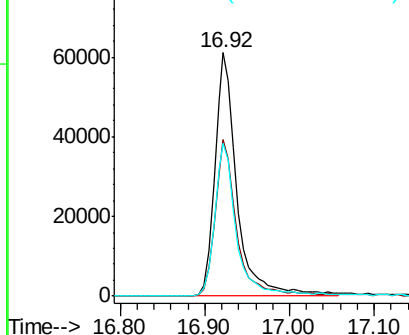


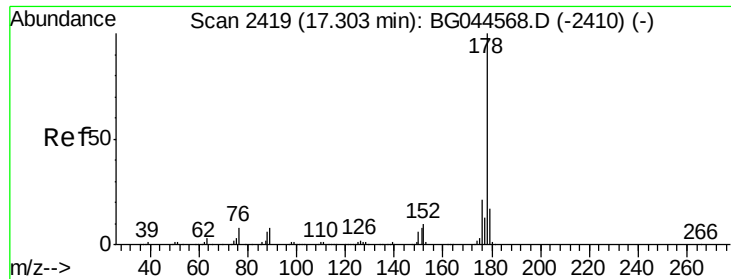
#70
 Pentachlorophenol
 Concen: 59.023 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.4	80.0
264	62.9	53.0	79.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

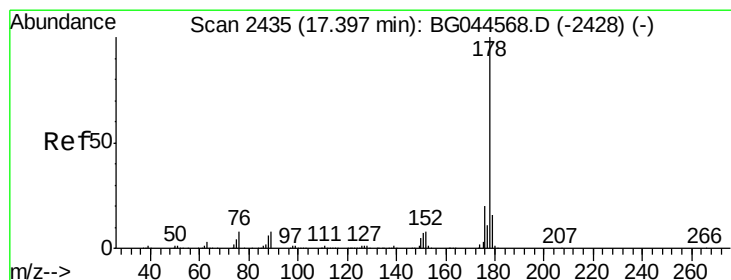
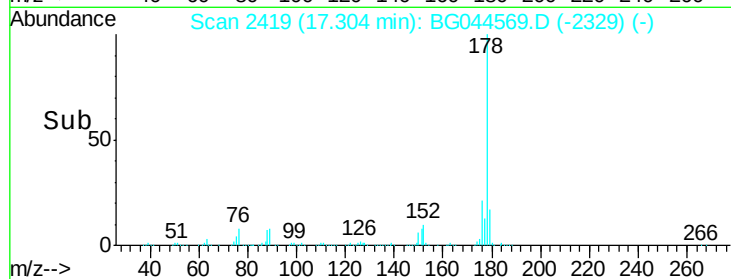
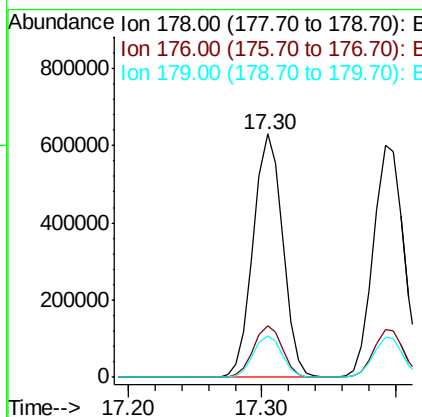
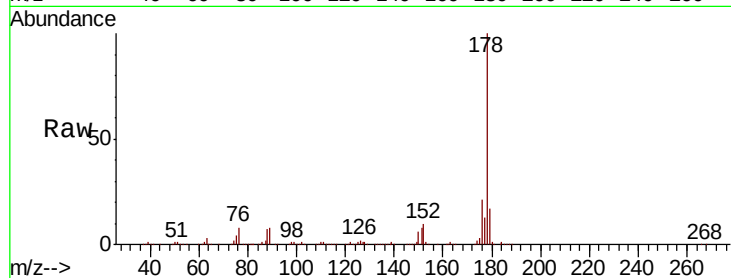




#71
Phenanthrene
Concen: 59.072 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

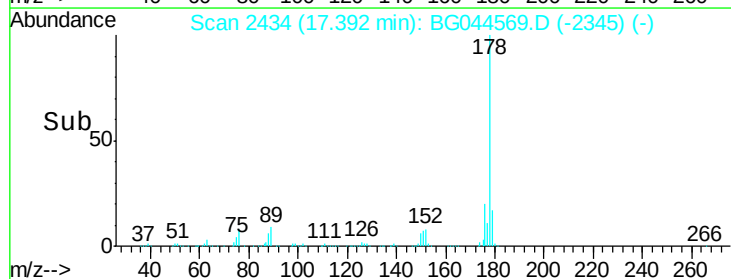
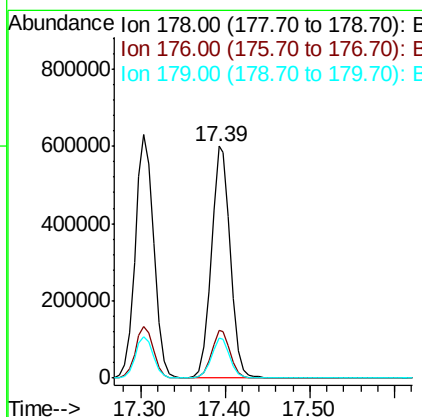
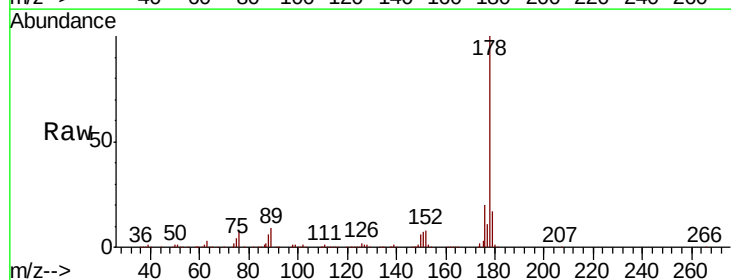
Instrument :
BNA_G
ClientSampleId :

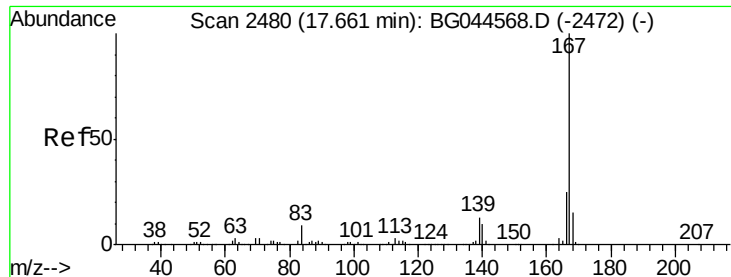
Tot Ion:178 Resp: 961137
Ion Ratio Lower Upper
178 100
176 21.4 16.6 25.0
179 17.2 13.3 19.9



#72
Anthracene
Concen: 58.813 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:178 Resp: 946080
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 17.2 13.1 19.7





#73

Carbazole

Concen: 58.491 ng

RT: 17.66 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

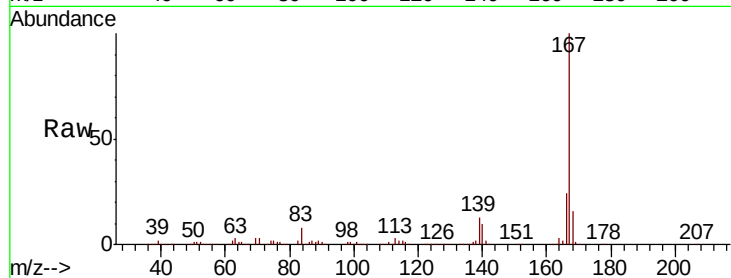
Tot Ion:167 Resp: 867399

Ion Ratio Lower Upper

167 100

166 24.3 19.7 29.5

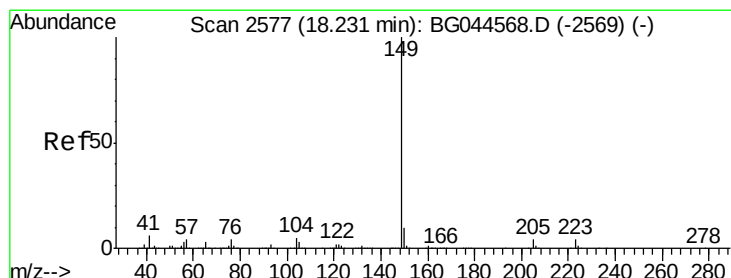
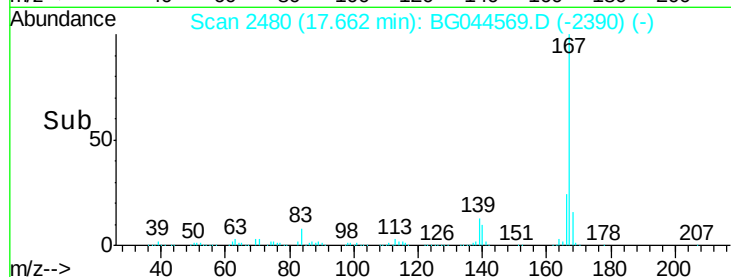
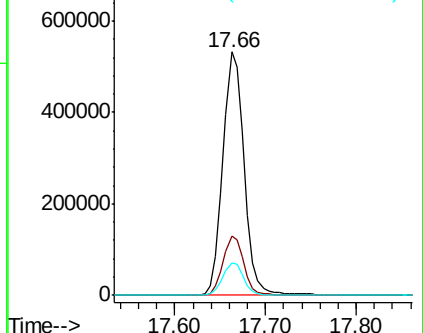
139 13.4 10.6 15.8



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: 59.808 ng

RT: 18.23 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

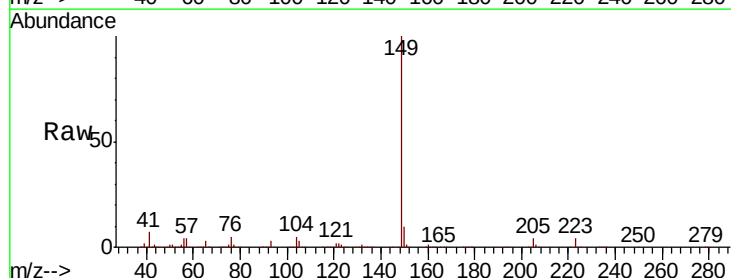
Tgt Ion:149 Resp: 1096032

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.8

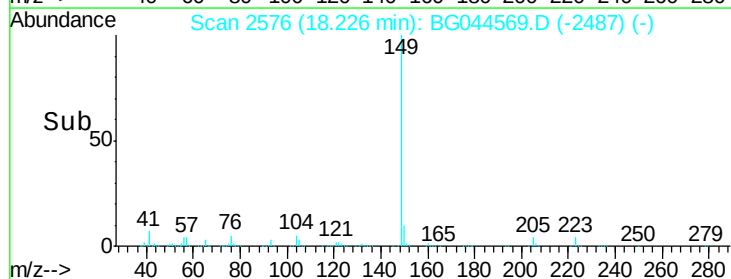
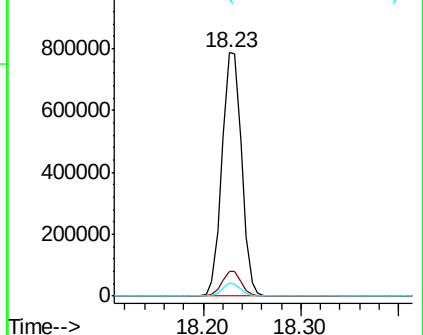
104 5.2 4.0 6.0

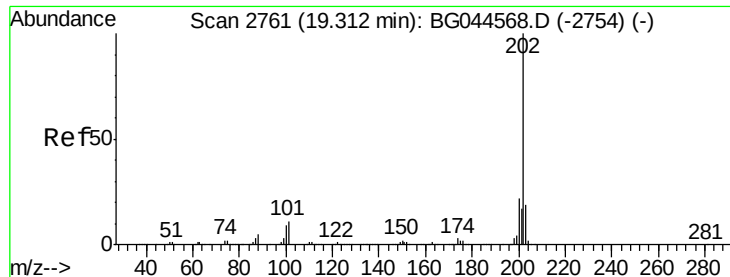


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 61.090 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

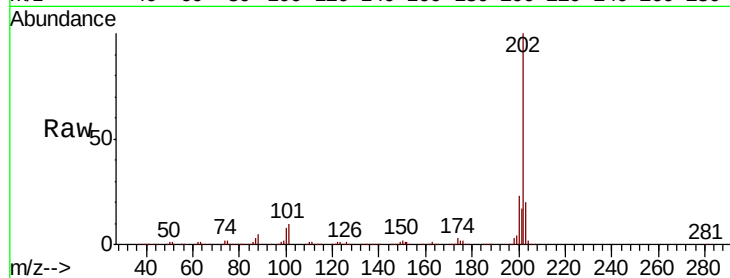
Tot Ion:202 Resp: 1149844

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.0

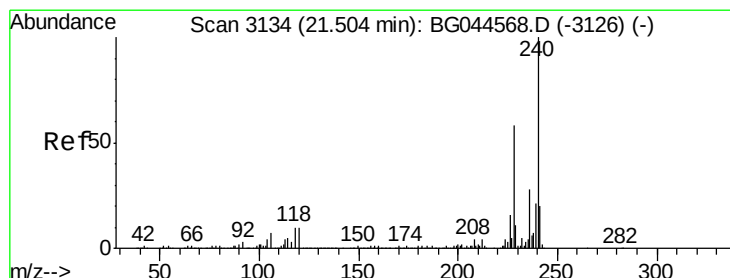
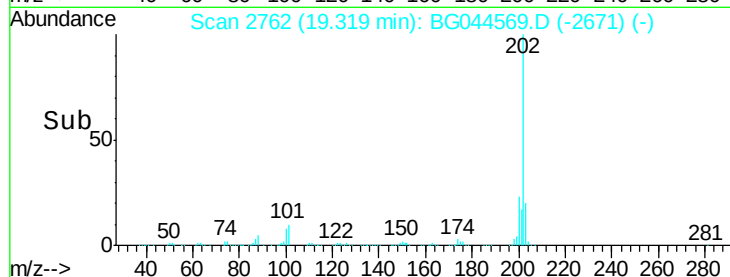
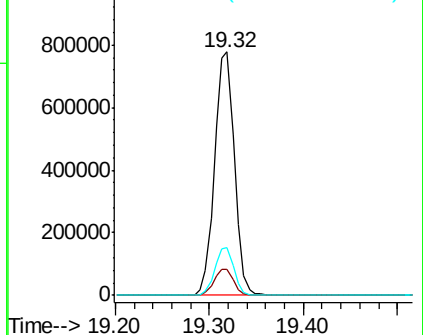
203 19.7 0.0 39.2



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: BG044569.D

Acq: 24 Feb 2020 13:12

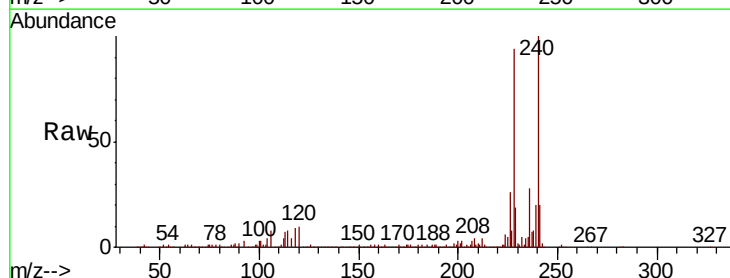
Tgt Ion:240 Resp: 307789

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

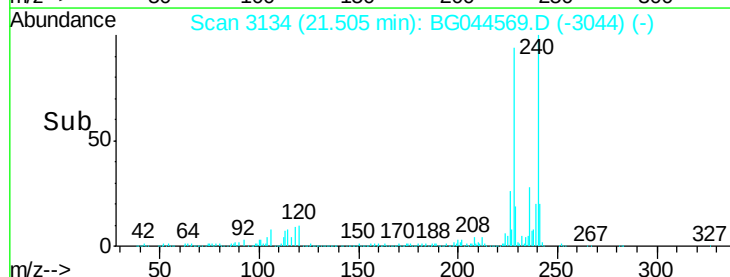
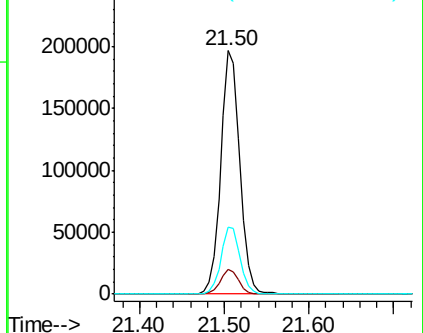
236 27.6 22.3 33.5

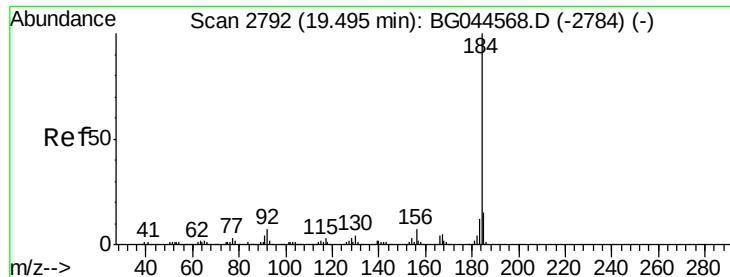


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.823 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

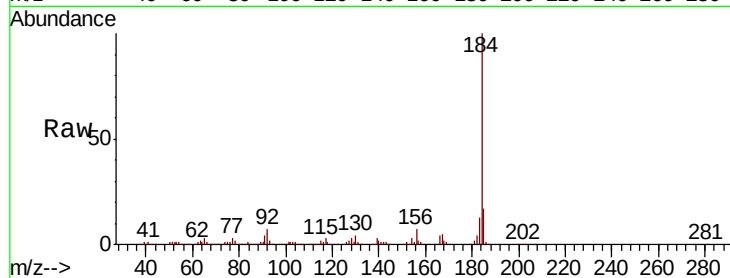
Tot Ion:184 Resp: 579028

Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.4

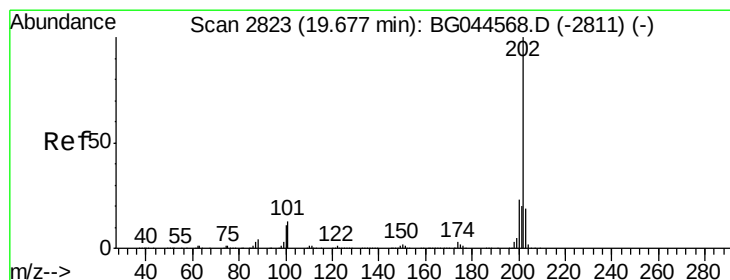
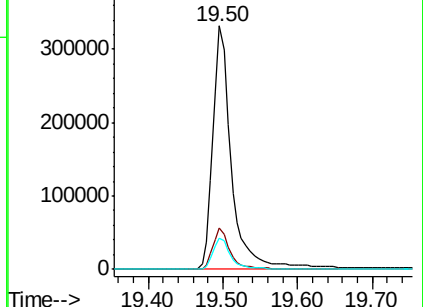
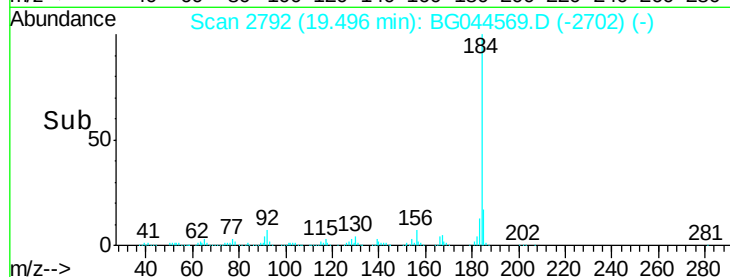
183 12.9 9.9 14.9



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: 58.019 ng

RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

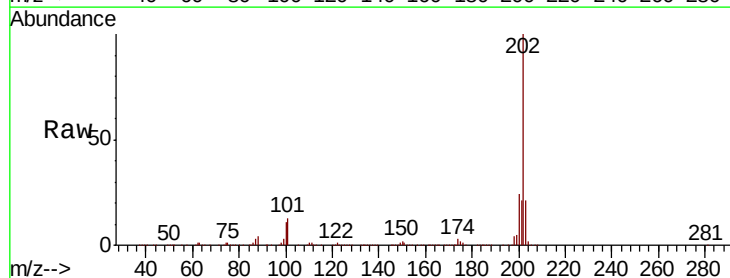
Tgt Ion:202 Resp: 1146818

Ion Ratio Lower Upper

202 100

200 24.1 18.6 28.0

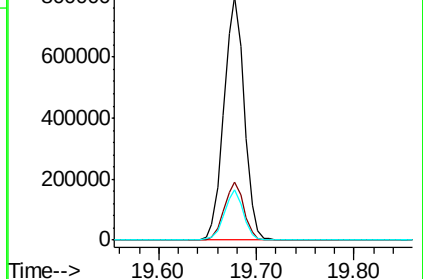
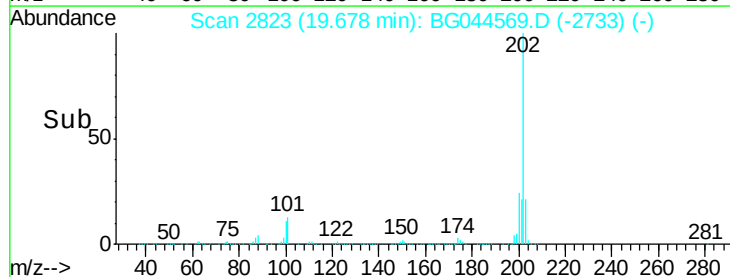
203 20.5 15.3 22.9

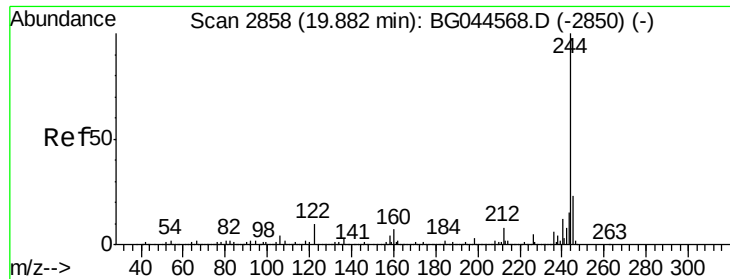


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.300 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

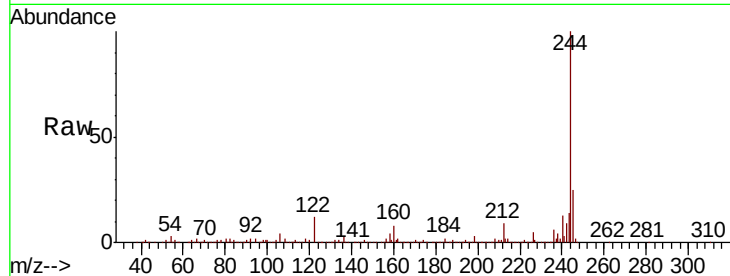
Tot Ion:244 Resp: 1665485

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

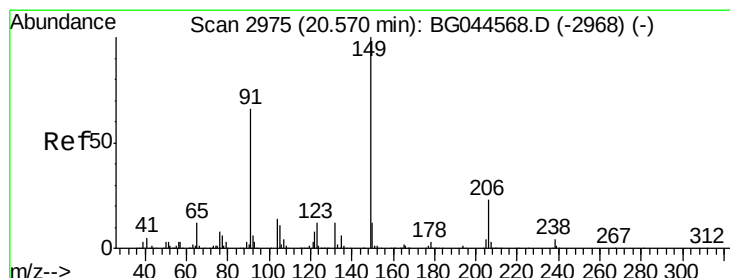
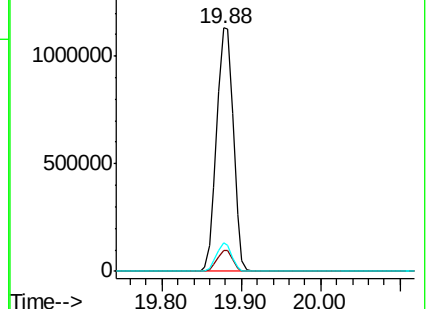
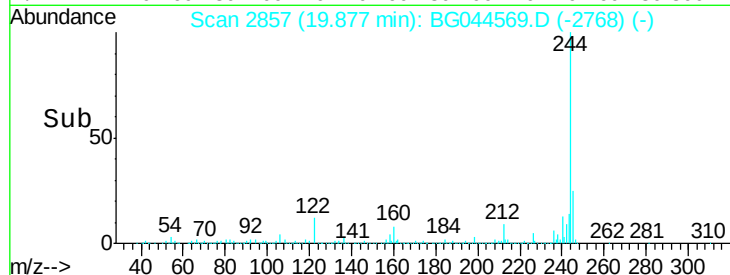
122 11.8 8.2 12.4



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: 56.137 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

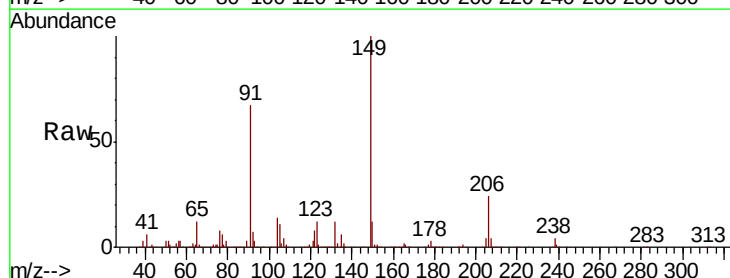
Tgt Ion:149 Resp: 505663

Ion Ratio Lower Upper

149 100

91 66.6 52.7 79.1

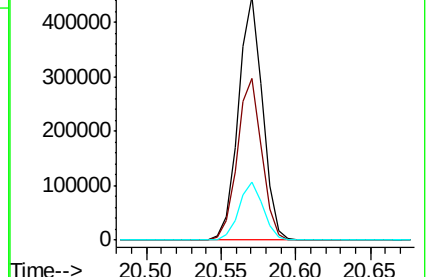
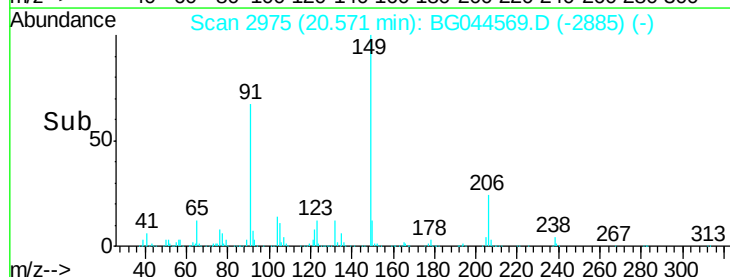
206 23.7 18.6 28.0

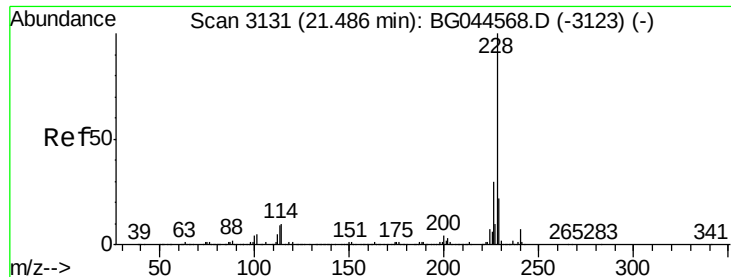


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

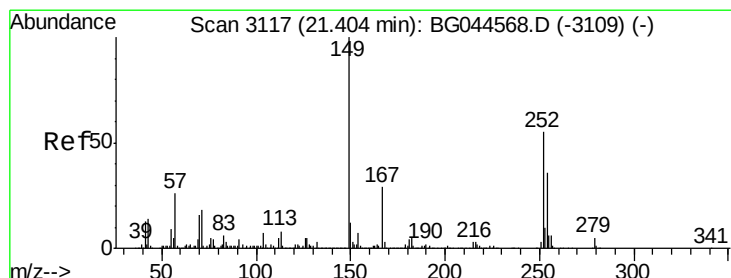
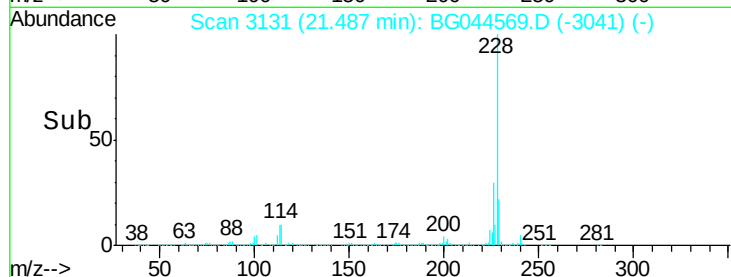
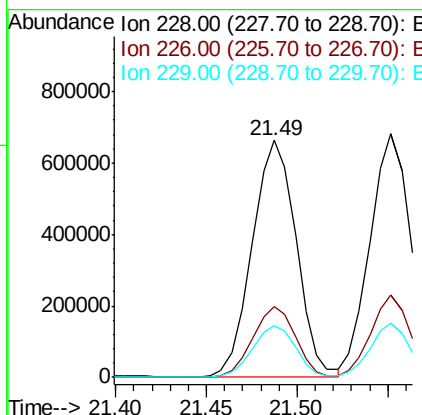
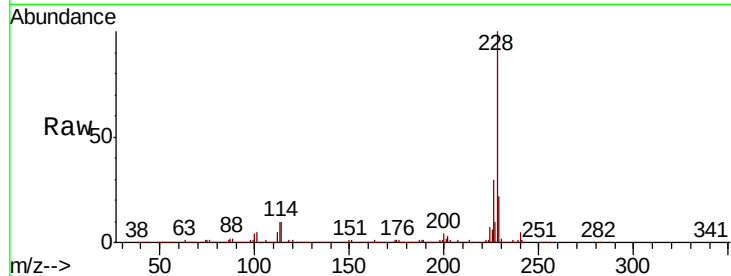




#81
Benzo(a)anthracene
Concen: 59.098 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

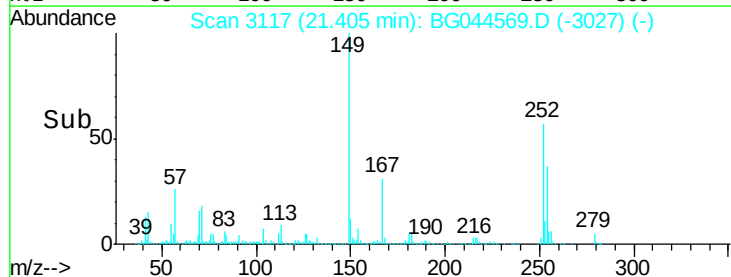
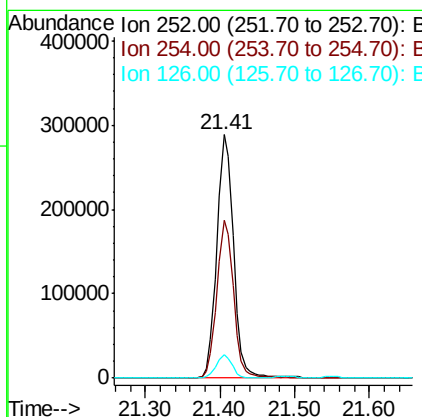
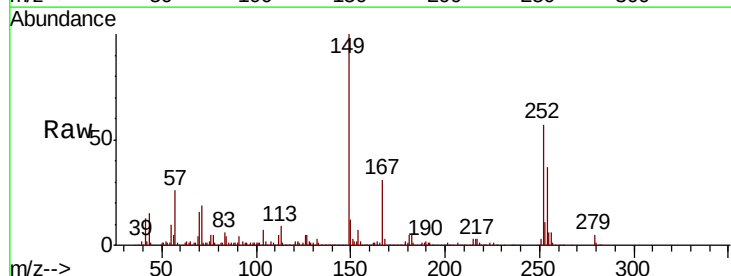
Instrument :
BNA_G
ClientSampled :

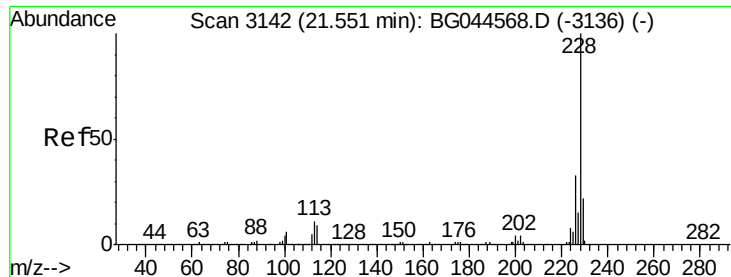
Tot Ion:228 Resp: 1121046
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 22.0 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 61.112 ng
RT: 21.41 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:252 Resp: 449920
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 9.6 7.8 11.6

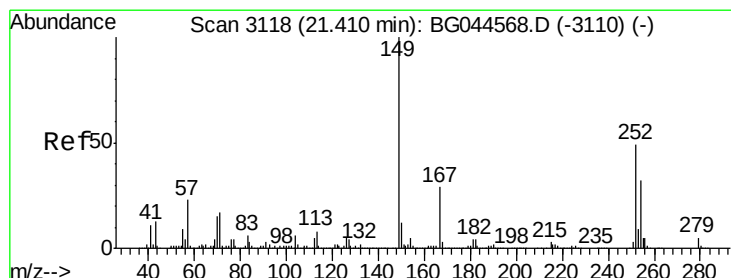
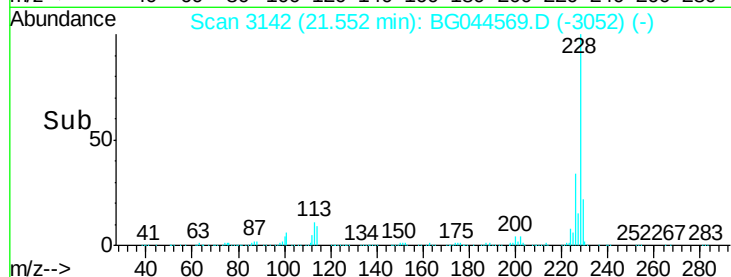
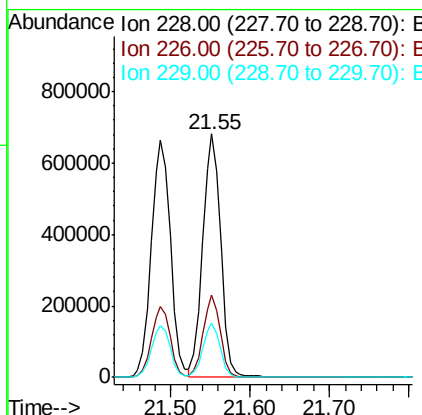
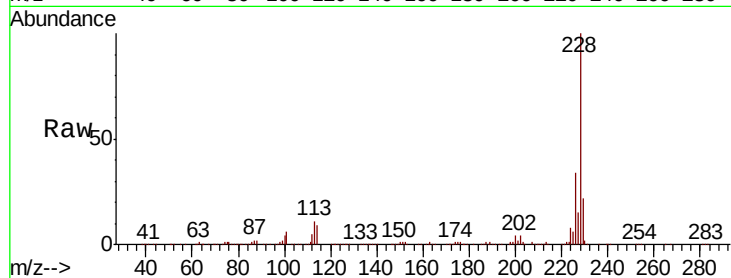




#83
 Chrvsene
 Concen: 58.630 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

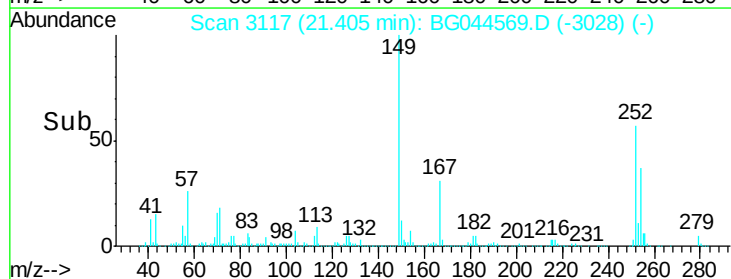
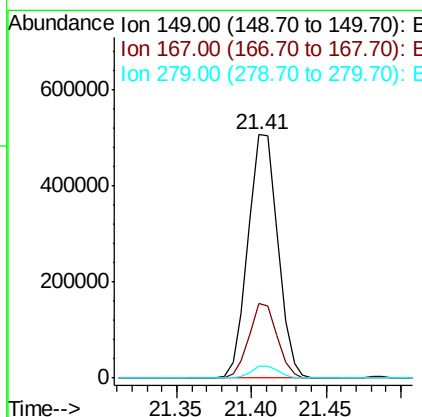
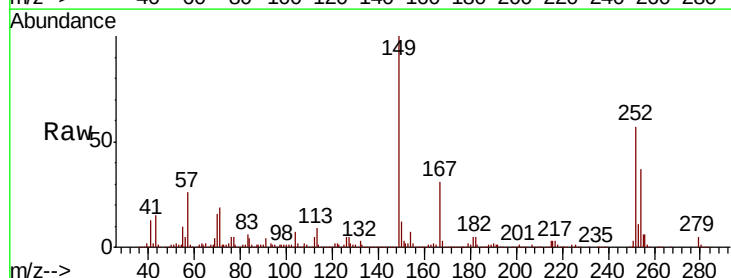
Instrument :
 BNA_G
 ClientSampleId :

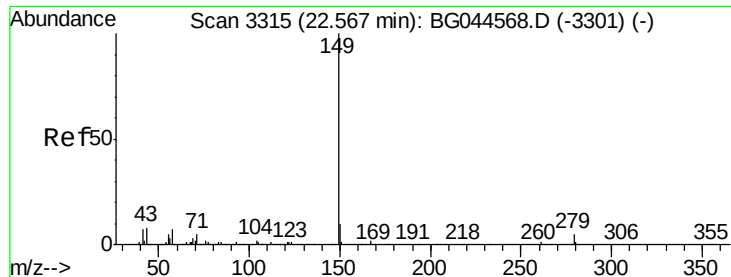
Tot Ion:228 Resp: 1075027
 Ion Ratio Lower Upper
 228 100
 226 33.8 26.1 39.1
 229 22.3 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.147 ng
 RT: 21.41 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG044569.D
 Acq: 24 Feb 2020 13:12

Tgt Ion:149 Resp: 696133
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.4 35.0
 279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 57.943 ng

RT: 22.57 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampled :

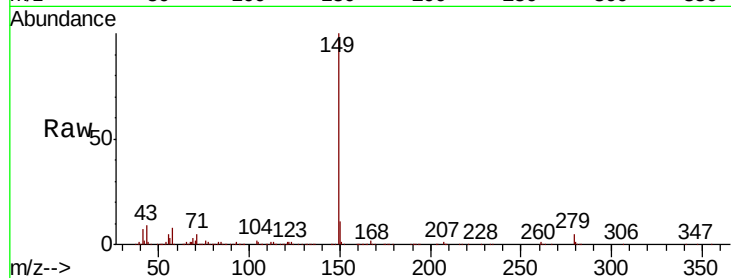
Tot Ion:149 Resp: 1242996

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

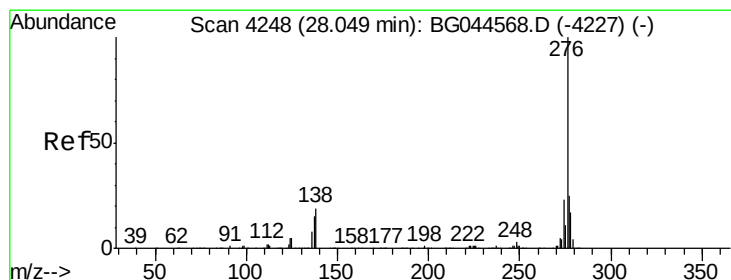
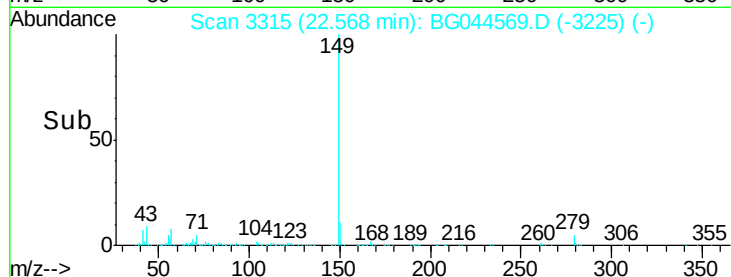
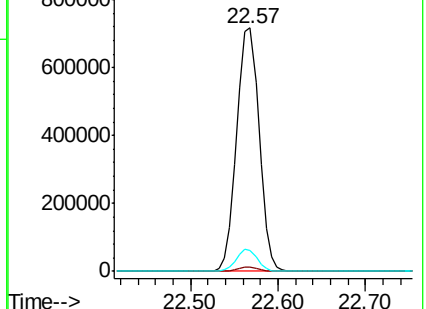
43 8.6 6.6 10.0



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: 57.940 ng

RT: 28.06 min Scan# 4249

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

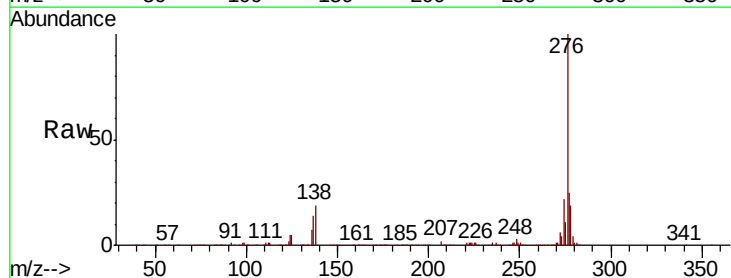
Tgt Ion:276 Resp: 1386013

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

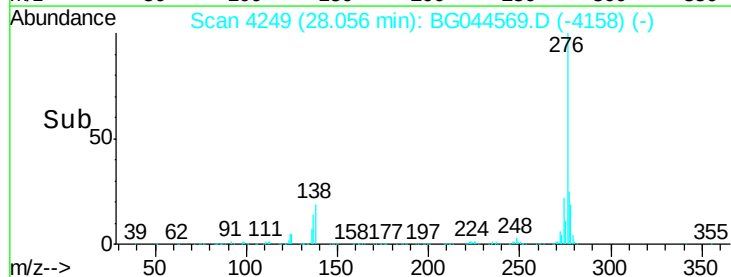
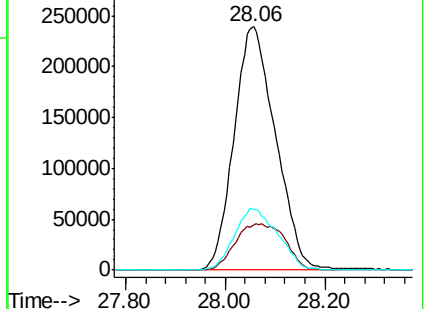
277 26.4 20.7 31.1

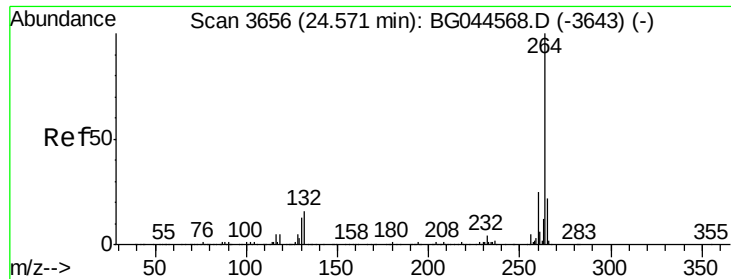


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044569.D

Acq: 24 Feb 2020 13:12

Instrument :

BNA_G

ClientSampleId :

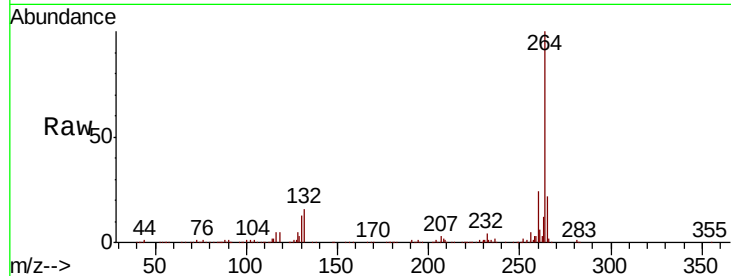
Tot Ion:264 Resp: 357685

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

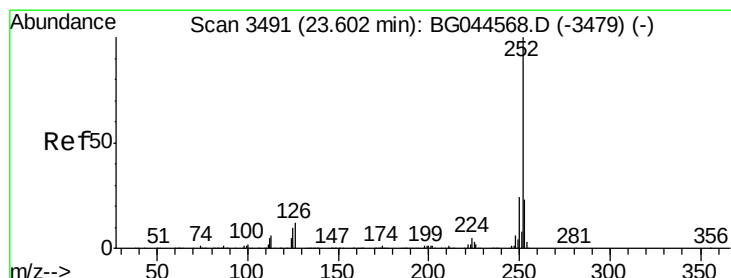
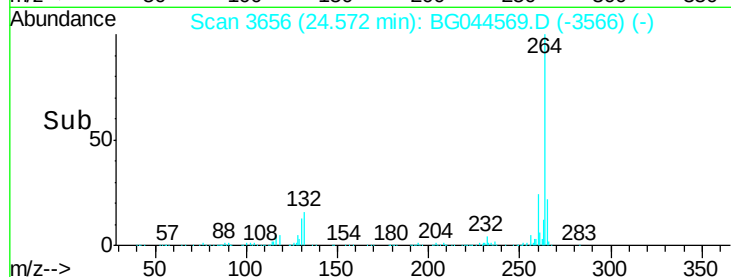
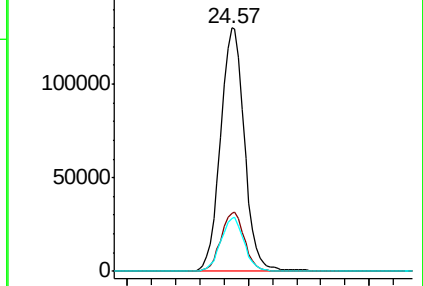
265 21.8 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.483 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG044569.D

Acq: 24 Feb 2020 13:12

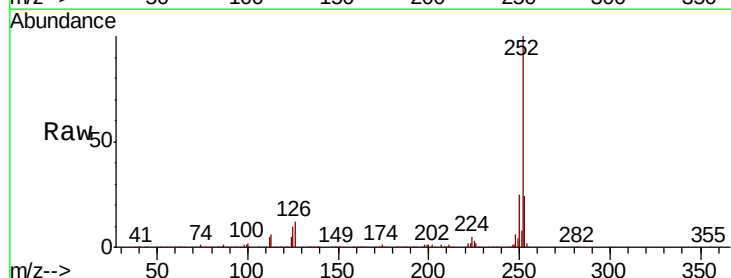
Tgt Ion:252 Resp: 1205396

Ion Ratio Lower Upper

252 100

253 24.2 18.4 27.6

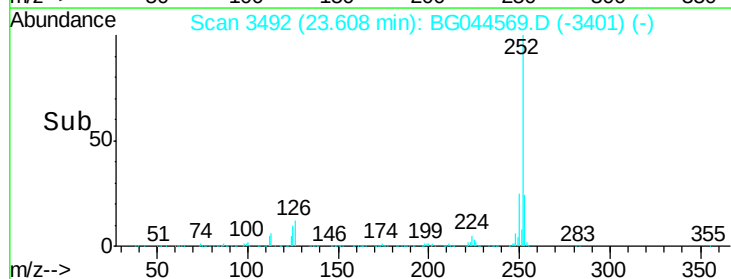
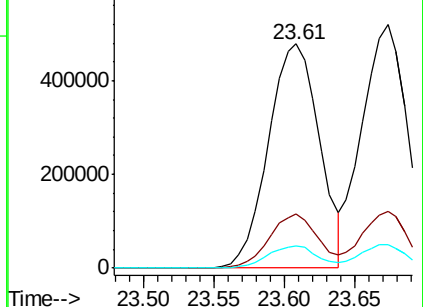
125 9.8 7.9 11.9

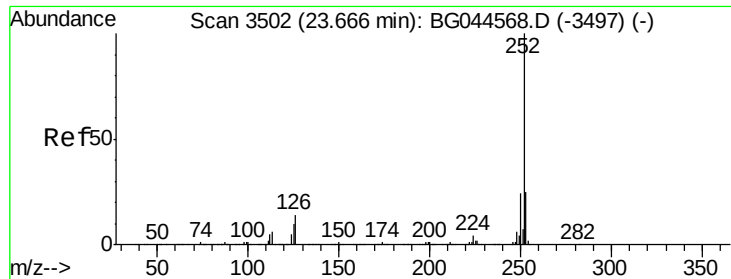


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

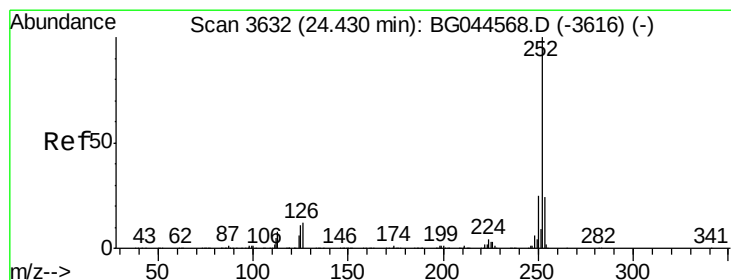
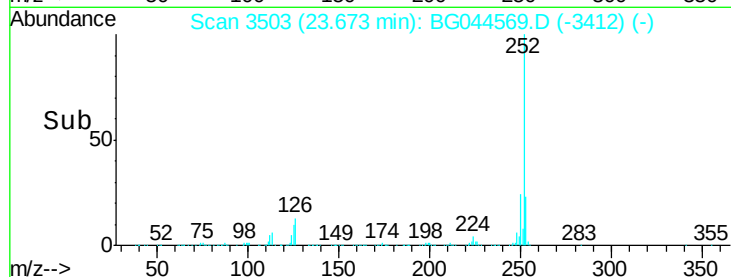
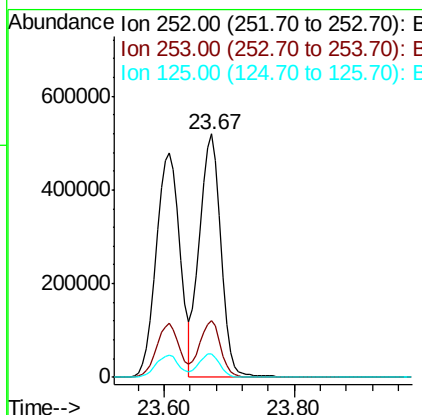
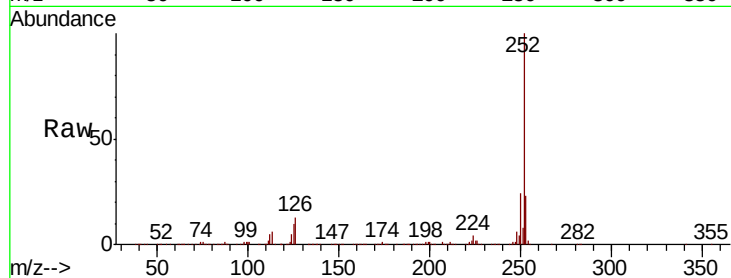




#89
Benzo(k)fluoranthene
Concen: 59.137 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

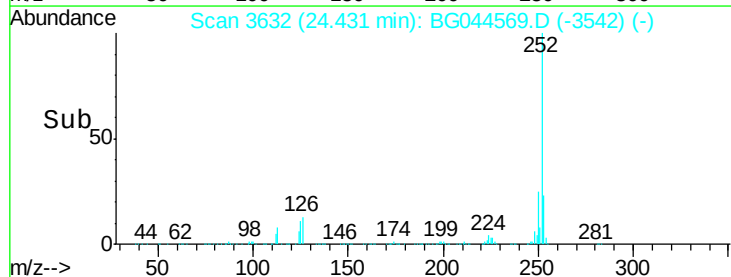
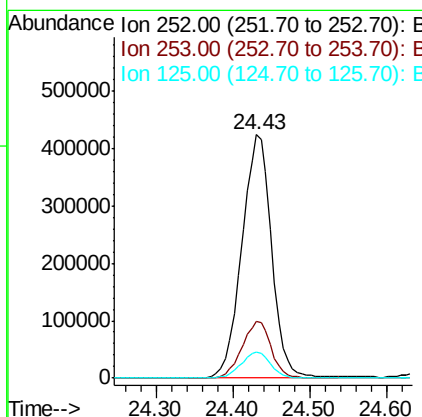
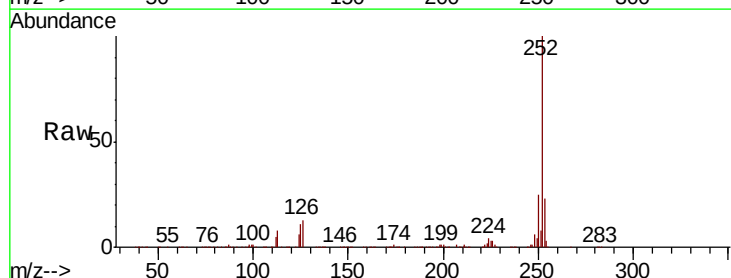
Instrument :
BNA_G
ClientSampleId :

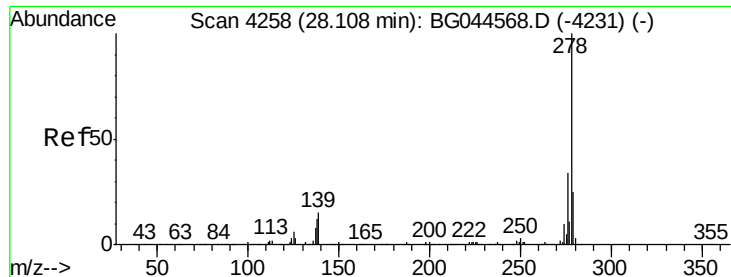
Tot Ion:252 Resp: 1187954
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 9.6 7.8 11.8



#90
Benzo(a)pyrene
Concen: 58.732 ng
RT: 24.43 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:252 Resp: 1144538
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 10.6 8.5 12.7



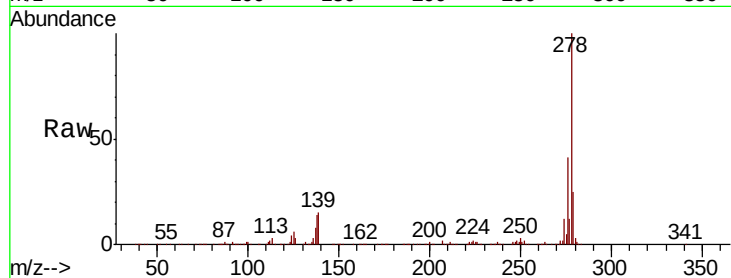


#91
Dibenzo(a,h)anthracene
Concen: 58.694 ng
RT: 28.11 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

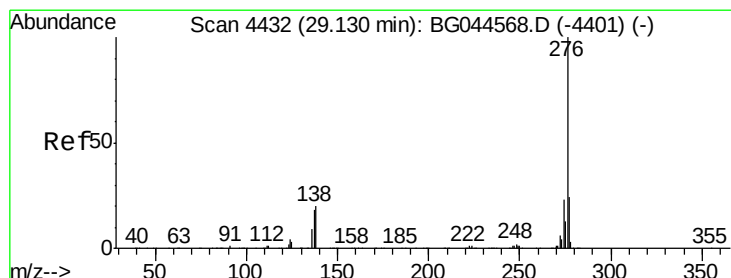
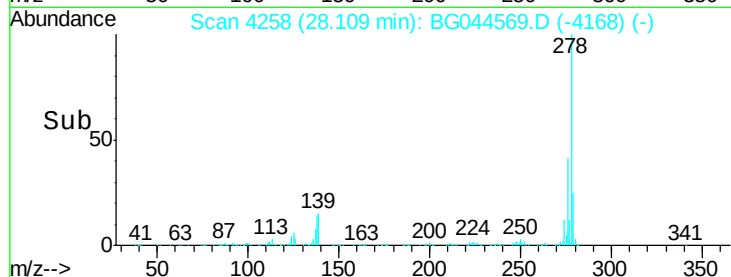
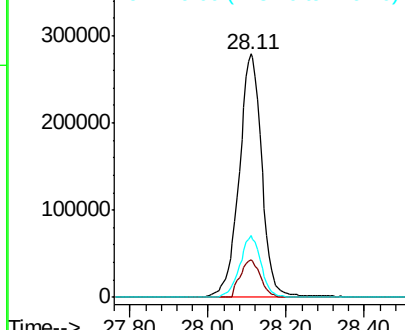
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1131991

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	25.4	19.8	29.6



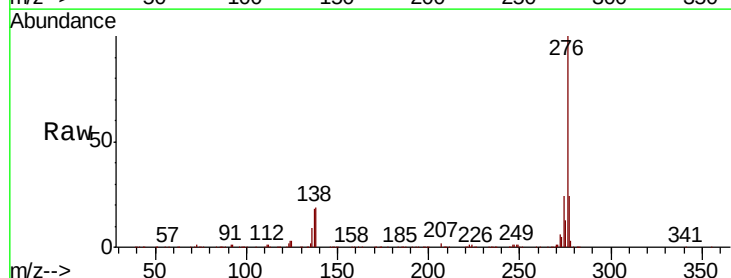
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.345 ng
RT: 29.14 min Scan# 4433
Delta R.T. 0.01 min
Lab File: BG044569.D
Acq: 24 Feb 2020 13:12

Tgt Ion:276 Resp: 1126453

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	19.4	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

