

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044666.D
 Acq On : 3 Mar 2020 17:31
 Operator : CG/JU
 Sample : L1369-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:45:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47113	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	193367	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	143883	20.00	ng	-0.06
64) Phenanthrene-d10	17.21	188	370787	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	362209	20.00	ng	-0.06
87) Perylene-d12	24.46	264	350761	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	385926	131.43	ng	-0.07
7) Phenol-d6	6.99	99	484415	120.52	ng	-0.06
23) Nitrobenzene-d5	8.96	82	328656	87.56	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	302260	148.16	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	812382	80.85	ng	-0.06
79) Terphenyl-d14	19.83	244	1651461	86.31	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	52125	40.680	ng	# 55
3) Pyridine	3.65	79	140326	39.248	ng	98
4) n-Nitrosodimethylamine	3.55	42	61072	44.974	ng	94
6) Aniline	7.14	93	67800	13.855	ng	98
8) 2-Chlorophenol	7.38	128	160056	49.934	ng	99
9) Benzaldehyde	6.94	77	29771	12.596	ng	99
10) Phenol	7.01	94	173503	44.545	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	148140	45.242	ng	96
12) 1,3-Dichlorobenzene	7.69	146	167556	43.828	ng	99
13) 1,4-Dichlorobenzene	7.84	146	171311	44.587	ng	99
14) 1,2-Dichlorobenzene	8.16	146	162303	44.420	ng	98
15) Benzyl Alcohol	8.05	79	127859	47.168	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.34	45	195676	44.465	ng	98
17) 2-Methylphenol	8.26	107	132526	47.627	ng	97
18) Hexachloroethane	8.89	117	60009	42.737	ng	97
19) n-Nitroso-di-n-propylamine	8.62	70	116195	44.974	ng	99
20) 3+4-Methylphenols	8.59	107	183697	48.220	ng	99
22) Acetophenone	8.63	105	223511	46.039	ng	# 99
24) Nitrobenzene	9.00	77	168652	46.380	ng	97
25) Isophorone	9.53	82	327659	46.665	ng	99
26) 2-Nitrophenol	9.72	139	93419	47.371	ng	98
27) 2,4-Dimethylphenol	9.79	122	155942	56.318	ng	98
28) bis(2-Chloroethoxy)methane	10.02	93	202617	43.636	ng	99
29) 2,4-Dichlorophenol	10.26	162	166581	50.320	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	167929	43.863	ng	98
31) Naphthalene	10.66	128	481993	45.681	ng	99
32) Benzoic acid	9.96	122	82471	63.196	ng	97
33) 4-Chloroaniline	10.77	127	26751	5.756	ng	98
34) Hexachlorobutadiene	10.96	225	101968	42.410	ng	97
35) Caprolactam	11.54	113	31665	26.719	ng	96
36) 4-Chloro-3-methylphenol	11.91	107	185368	54.398	ng	96
37) 2-Methylnaphthalene	12.27	142	365041	46.812	ng	99
38) 1-Methylnaphthalene	12.49	142	348599	47.046	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	190781	39.386	ng	99

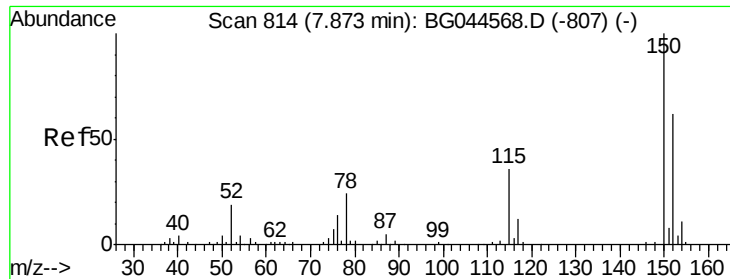
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	192963	83.196	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	145619	46.300	ng	97
44) 2,4,5-Trichlorophenol	12.97	196	163984	50.756	ng	99
46) 1,1'-Biphenyl	13.29	154	483021	40.566	ng	98
47) 2-Chloronaphthalene	13.33	162	380716	40.775	ng	99
48) 2-Nitroaniline	13.53	65	120300	46.415	ng	99
49) Acenaphthylene	14.18	152	631598	45.826	ng	99
50) Dimethylphthalate	13.92	163	562318	48.420	ng	99
51) 2,6-Dinitrotoluene	14.03	165	126346	49.330	ng	99
52) Acenaphthene	14.52	154	385863	43.920	ng	100
53) 3-Nitroaniline	14.36	138	31456	11.388	ng	98
54) 2,4-Dinitrophenol	14.58	184	163873	104.180	ng	95
55) Dibenzofuran	14.86	168	631116	46.857	ng	99
56) 4-Nitrophenol	14.70	139	222929	117.327	ng	96
57) 2,4-Dinitrotoluene	14.83	165	188791	52.429	ng	99
58) Fluorene	15.51	166	518042	48.509	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	157923	53.080	ng	99
60) Diethylphthalate	15.29	149	562294	48.866	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	269020	46.330	ng	98
62) 4-Nitroaniline	15.53	138	84533	30.563	ng	96
63) Azobenzene	15.80	77	470177	48.012	ng	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	124768	54.344	ng	95
66) n-Nitrosodiphenylamine	15.72	169	427304	36.945	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	192546	41.835	ng	99
68) Hexachlorobenzene	16.52	284	215801	41.471	ng	97
69) Atrazine	16.67	200	52753	12.338	ng	97
70) Pentachlorophenol	16.87	266	249658	96.407	ng	98
71) Phenanthrene	17.25	178	923467	44.986	ng	99
72) Anthracene	17.34	178	951123	47.016	ng	97
73) Carbazole	17.61	167	670436	36.409	ng	99
74) Di-n-butylphthalate	18.18	149	1045952	45.329	ng	99
75) Fluoranthene	19.26	202	1138147	46.836	ng	99
78) Pyrene	19.62	202	1156027	43.967	ng	98
80) Butylbenzylphthalate	20.52	149	506341	44.026	ng	98
81) Benzo(a)anthracene	21.43	228	1151866	45.247	ng	99
82) 3,3'-Dichlorobenzidine	21.35	252	20623	2.051	ng	94
83) Chrysene	21.48	228	1106155	44.941	ng	98
84) Bis(2-ethylhexyl)phthalate	21.35	149	732811	46.242	ng	99
85) Di-n-octyl phthalate	22.49	149	1230410	44.130	ng	99
86) Indeno(1,2,3-cd)pyrene	27.88	276	1382216	43.758	ng	99
88) Benzo(b)fluoranthene	23.51	252	1203544	52.187	ng	98
89) Benzo(k)fluoranthene	23.58	252	1181189	52.787	ng	100
90) Benzo(a)pyrene	24.32	252	1040160	48.005	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	1182428	55.178	ng	99
92) Benzo(g,h,i)perylene	28.95	276	1137250	52.969	ng	98

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

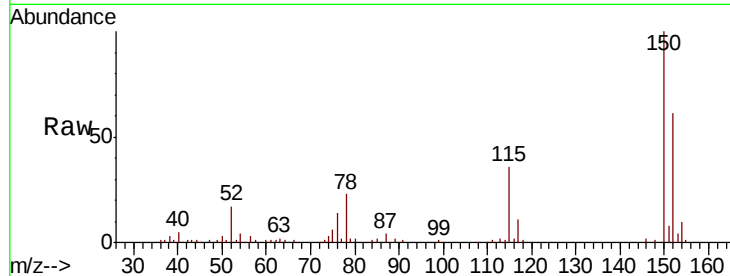


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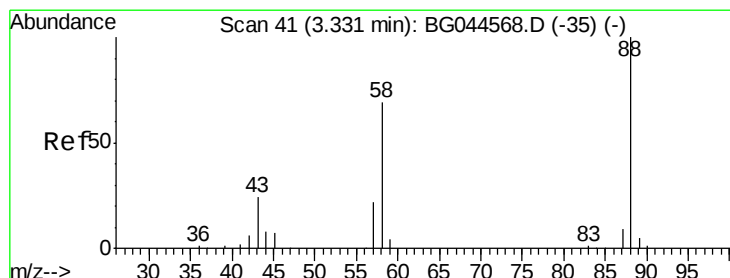
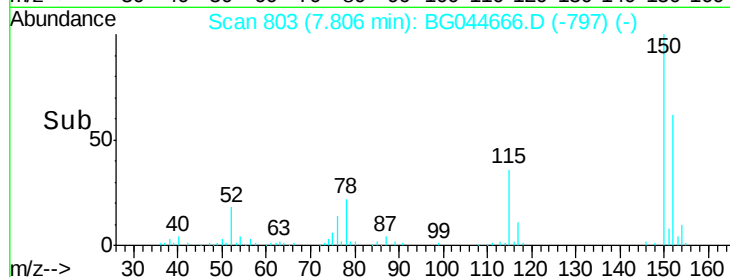
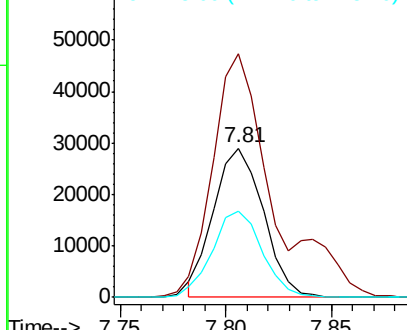
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47113
Ion Ratio Lower Upper
152 100
150 162.9 128.9 193.3
115 57.9 47.0 70.4



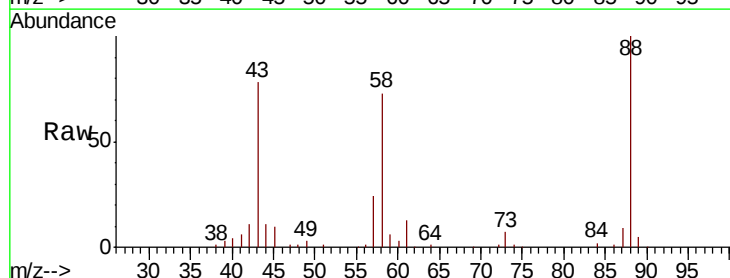
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



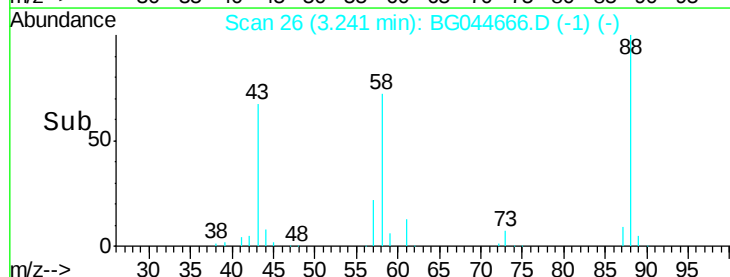
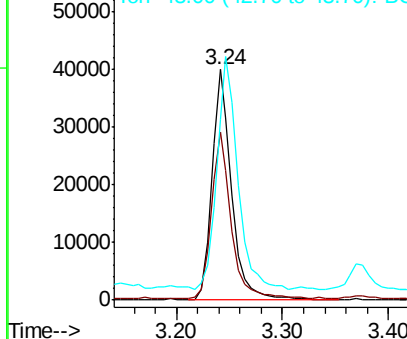
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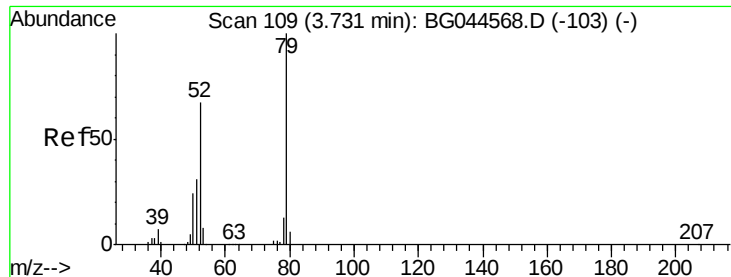
1,4-Dioxane
Concen: 40.680 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.09 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion: 88 Resp: 52125
Ion Ratio Lower Upper
88 100
58 72.6 55.8 83.8
43 106.5 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: 39.248 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.08 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

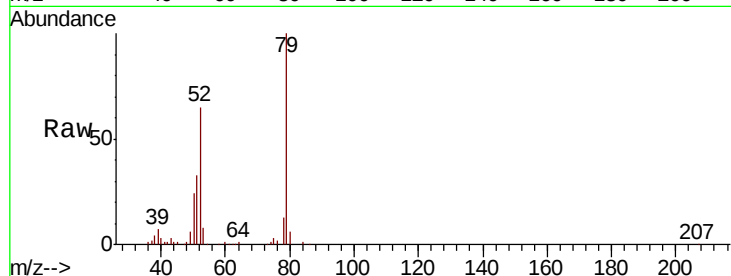
Tot Ion: 79 Resp: 140326

Ion Ratio Lower Upper

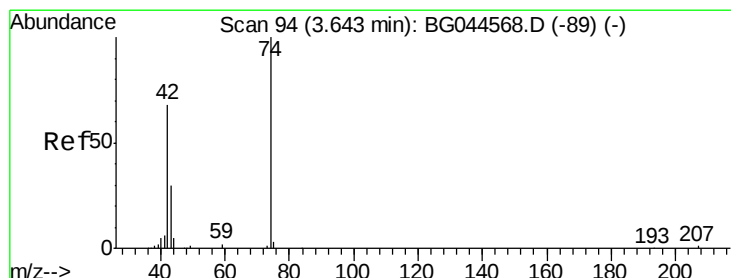
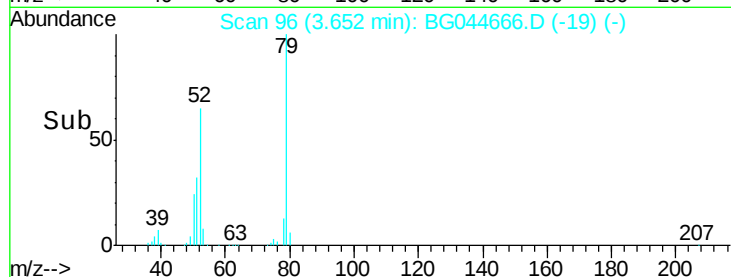
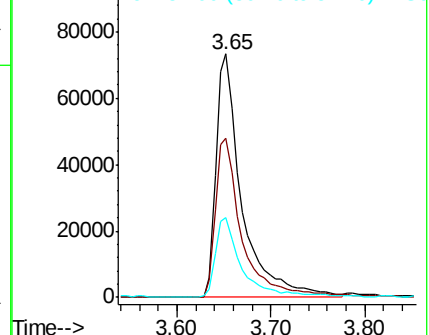
79 100

52 65.4 53.7 80.5

51 32.6 25.4 38.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
100000 Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.974 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.09 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

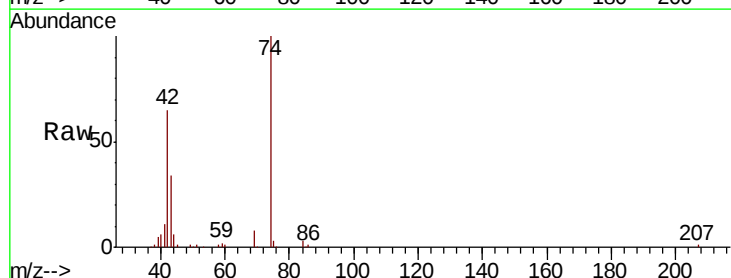
Tgt Ion: 42 Resp: 61072

Ion Ratio Lower Upper

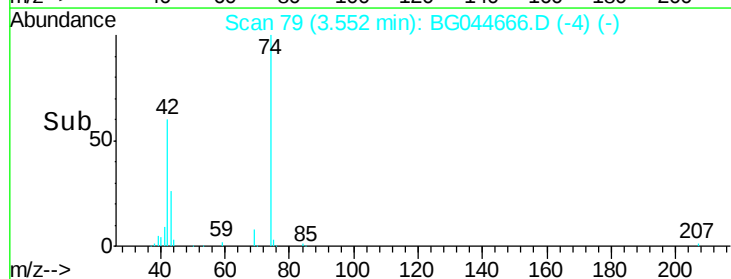
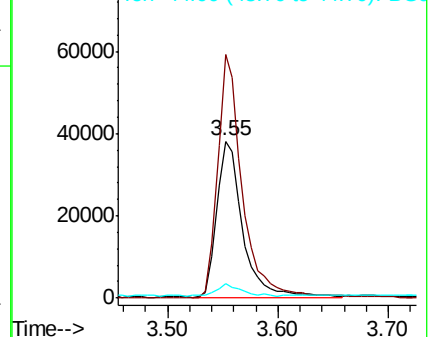
42 100

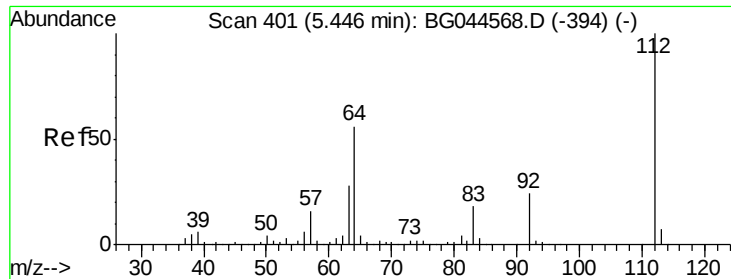
74 155.0 117.6 176.4

44 9.0 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
80000 Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.430 ng

RT: 5.38 min Scan# 390

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

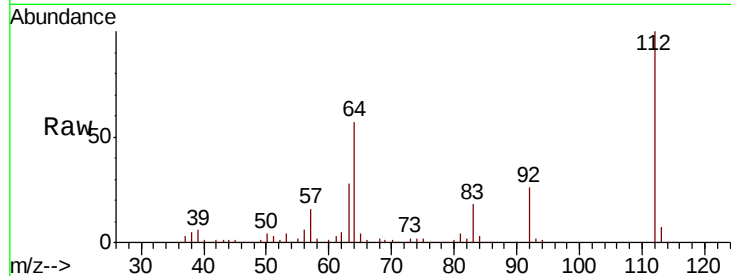
Tot Ion:112 Resp: 385926

Ion Ratio Lower Upper

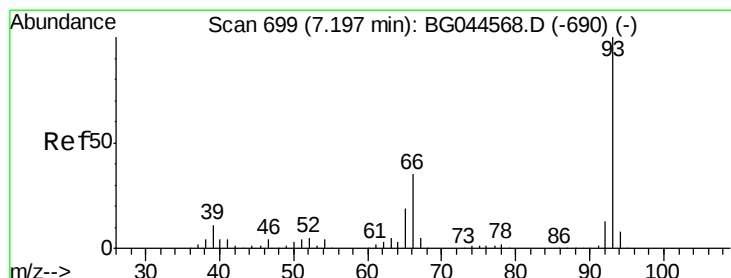
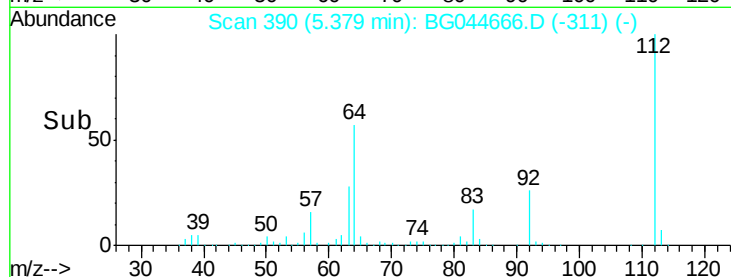
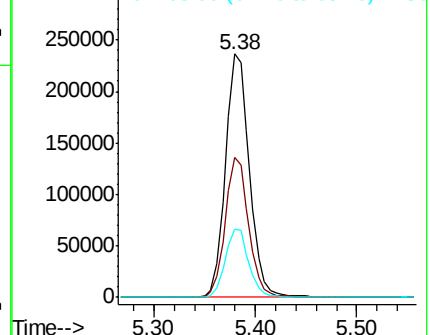
112 100

64 57.4 44.8 67.2

63 28.2 22.3 33.5



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



#6

Aniline

Concen: 13.855 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

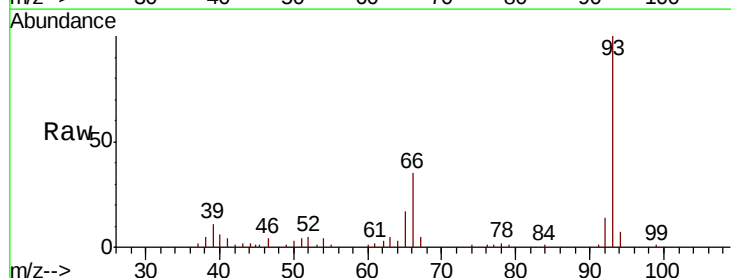
Tgt Ion: 93 Resp: 67800

Ion Ratio Lower Upper

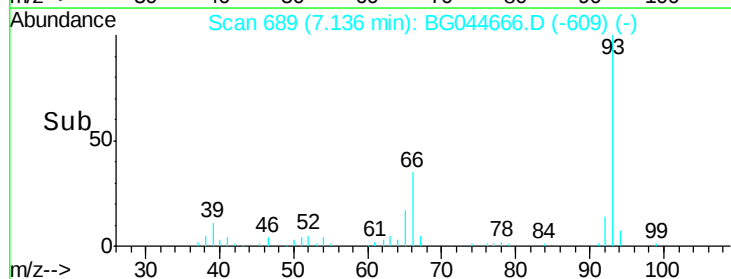
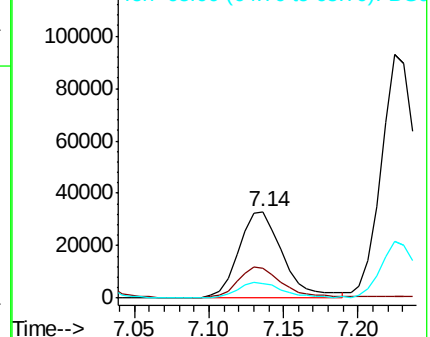
93 100

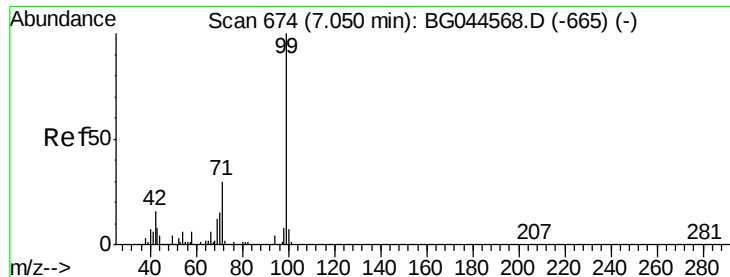
66 35.4 27.8 41.8

65 17.5 14.9 22.3



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





#7

Phenol-d6

Concen: 120.522 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

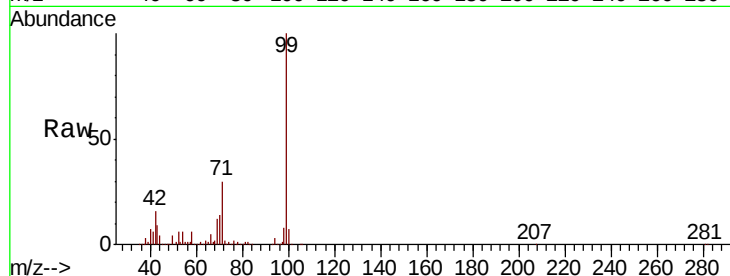
Tot Ion: 99 Resp: 484415

Ion Ratio Lower Upper

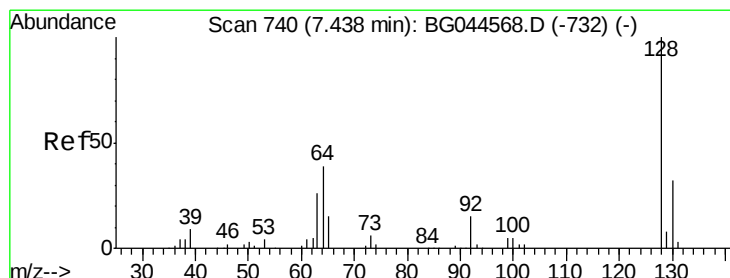
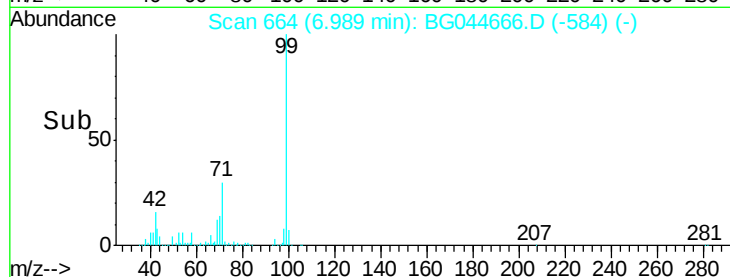
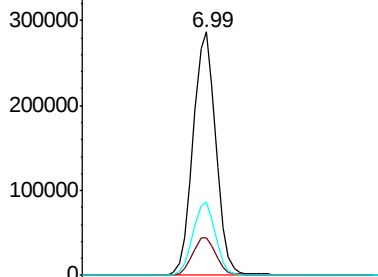
99 100

42 15.6 12.8 19.2

71 30.2 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: 49.934 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

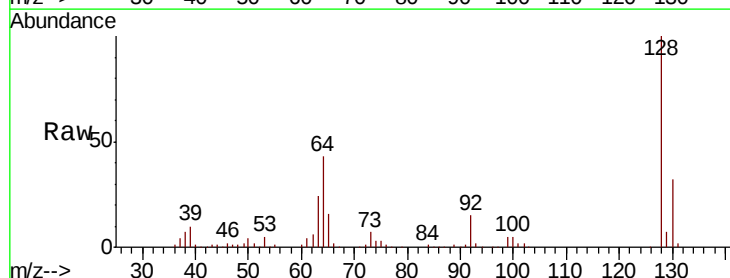
Tgt Ion: 128 Resp: 160056

Ion Ratio Lower Upper

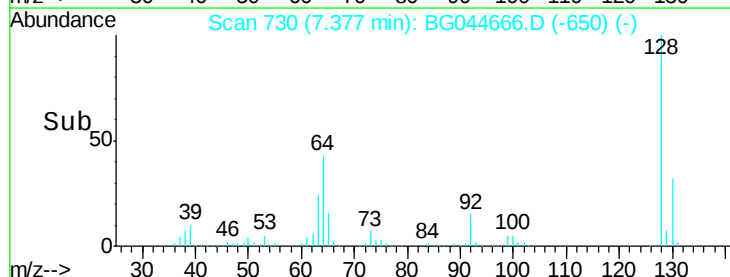
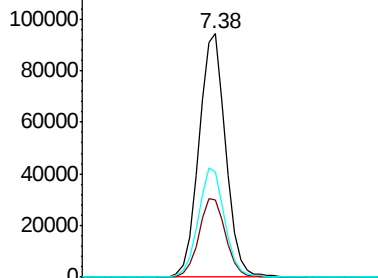
128 100

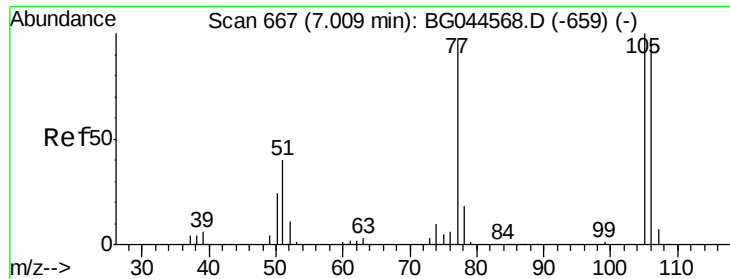
130 31.7 12.3 52.3

64 43.1 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: 12.596 ng

RT: 6.94 min Scan# 656

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

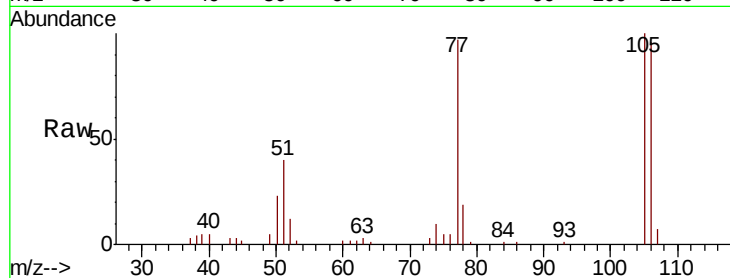
Tot Ion: 77 Resp: 29771

Ion Ratio Lower Upper

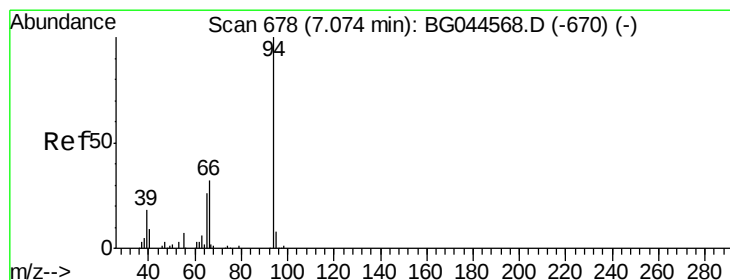
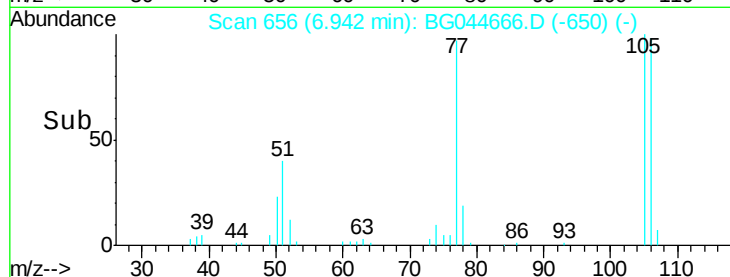
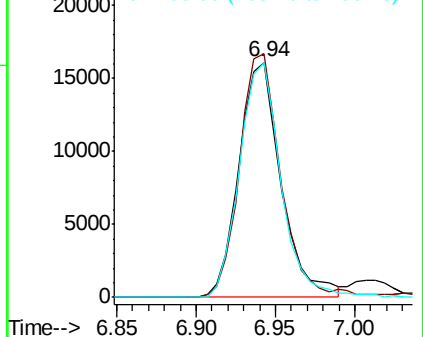
77 100

105 103.6 83.6 123.6

106 99.7 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: 44.545 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

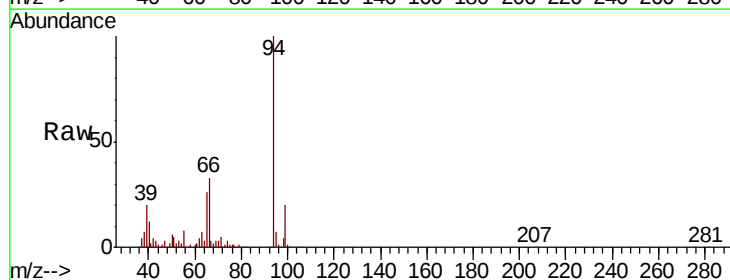
Tgt Ion: 94 Resp: 173503

Ion Ratio Lower Upper

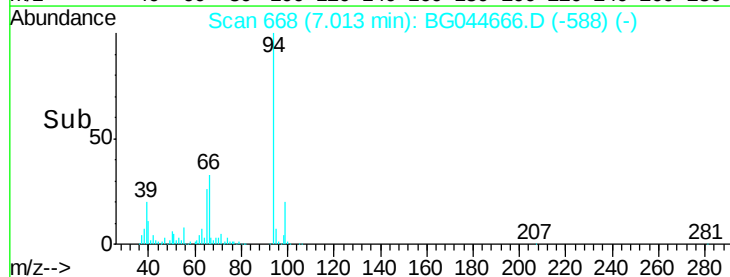
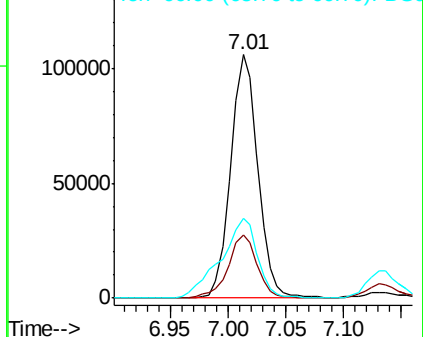
94 100

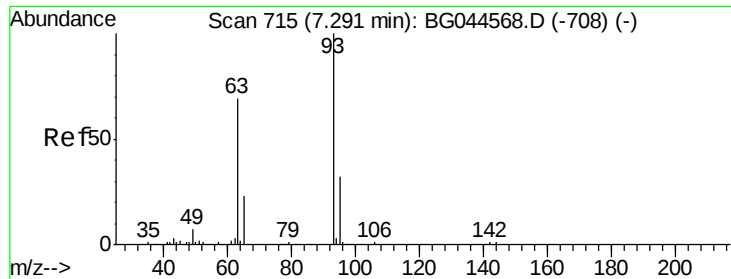
65 25.8 6.4 46.4

66 32.8 13.9 53.9



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

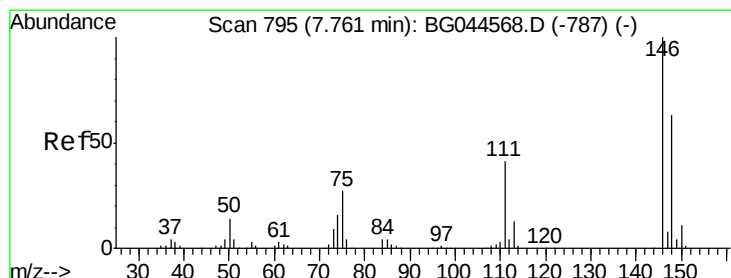
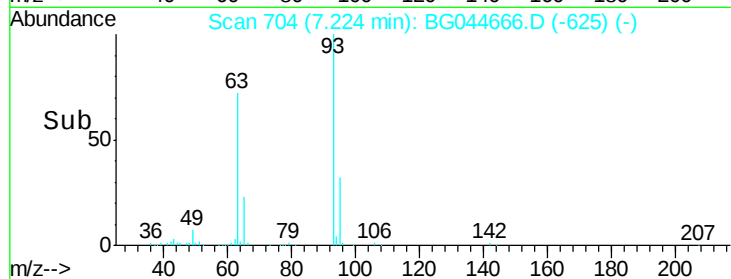
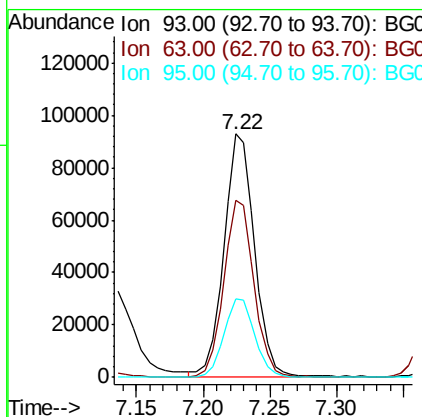
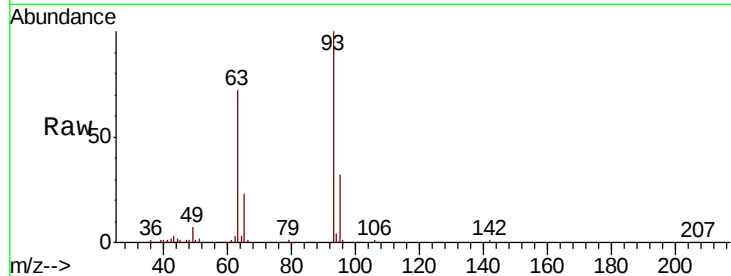




#11
 bis(2-Chloroethyl)ether
 Concen: 45.242 ng
 RT: 7.22 min Scan# 704
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

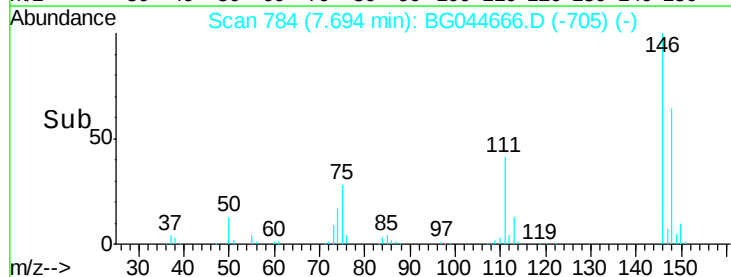
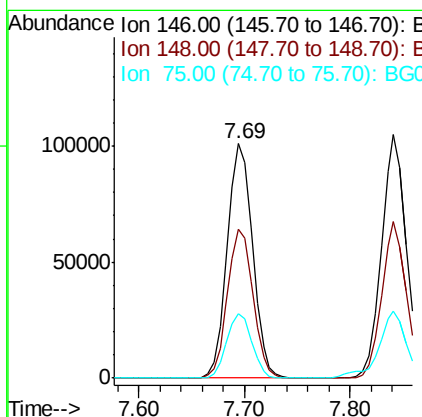
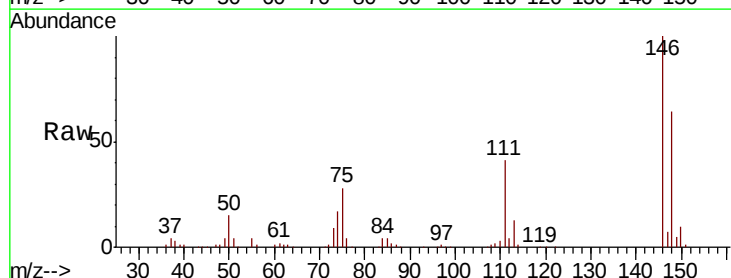
Instrument :
 BNA_G
 ClientSampleId :

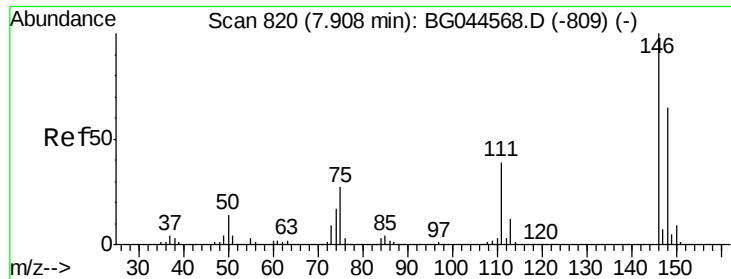
Tot Ion: 93 Resp: 148140
 Ion Ratio Lower Upper
 93 100
 63 72.5 48.9 88.9
 95 32.2 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 43.828 ng
 RT: 7.69 min Scan# 784
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion: 146 Resp: 167556
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 75 27.6 21.4 32.0

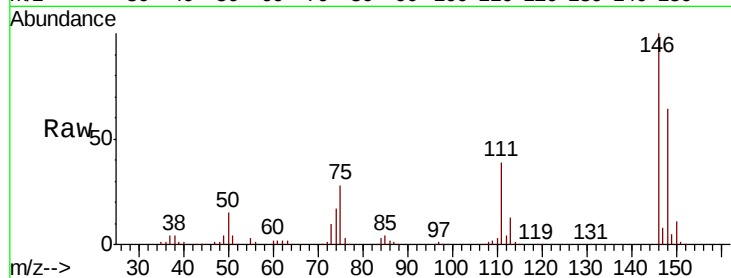




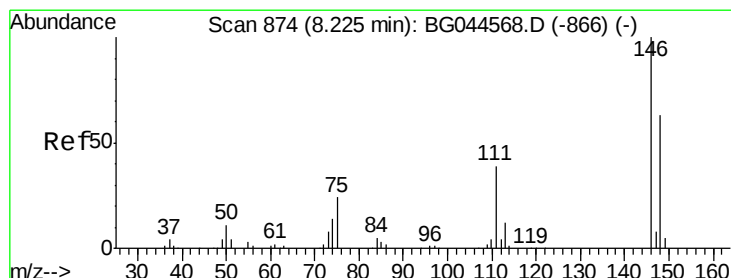
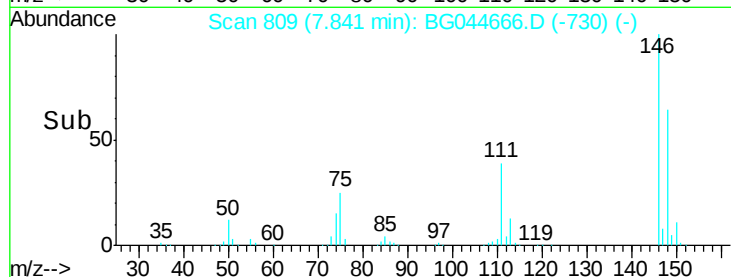
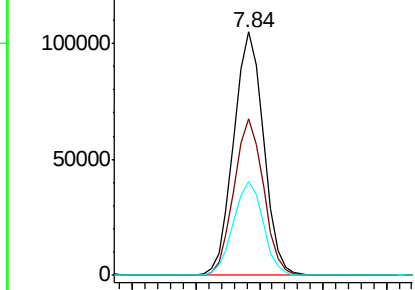
#13
 1,4-Dichlorobenzene
 Concen: 44.587 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 171311
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 38.7 30.8 46.2

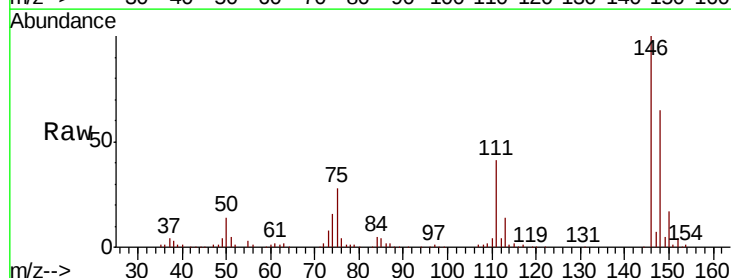


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

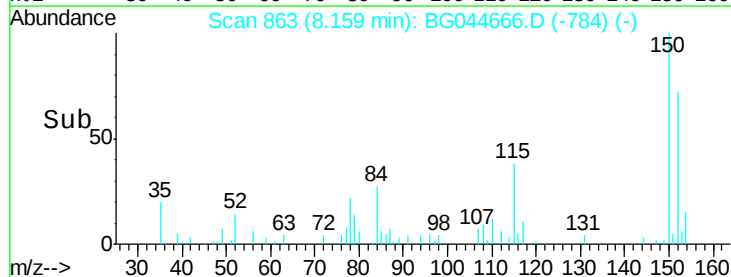
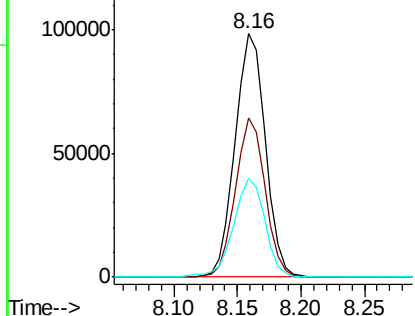


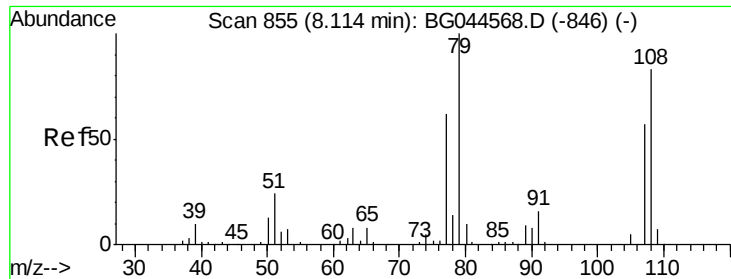
#14
 1,2-Dichlorobenzene
 Concen: 44.420 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:146 Resp: 162303
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.7 76.1
 111 40.7 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: 47.168 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampled :

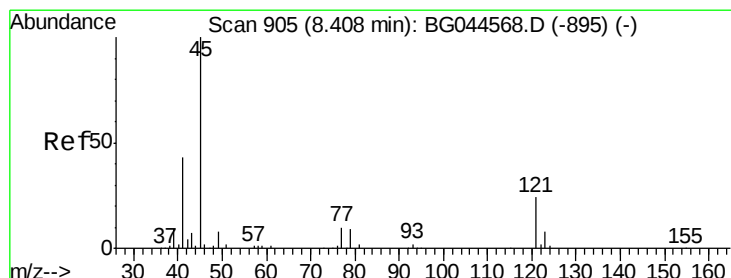
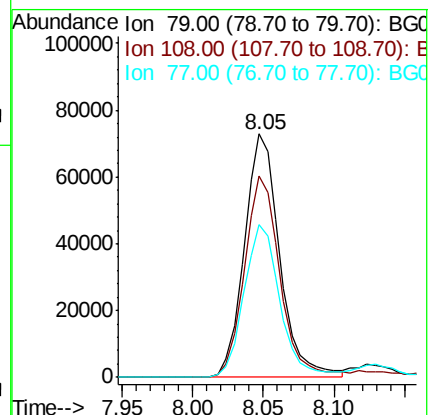
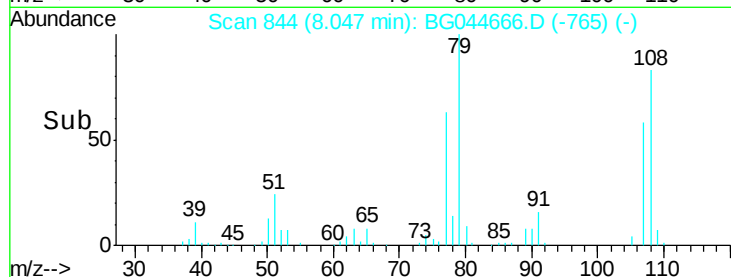
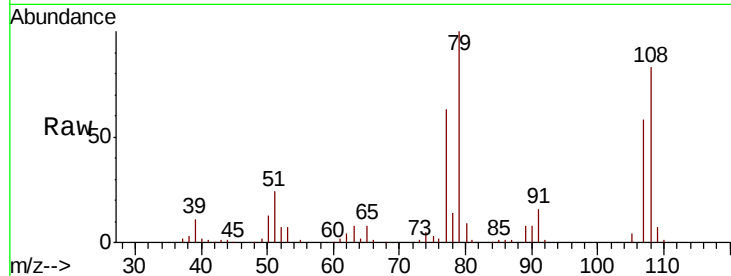
Tot Ion: 79 Resp: 127859

Ion Ratio Lower Upper

79 100

108 82.9 66.0 99.0

77 62.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.465 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

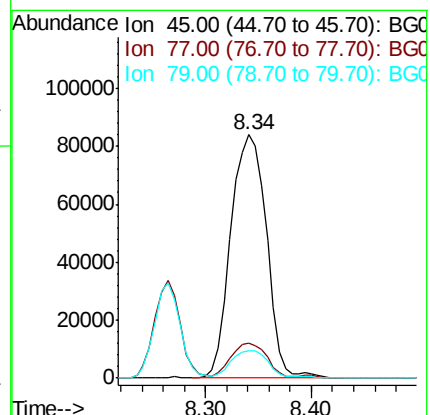
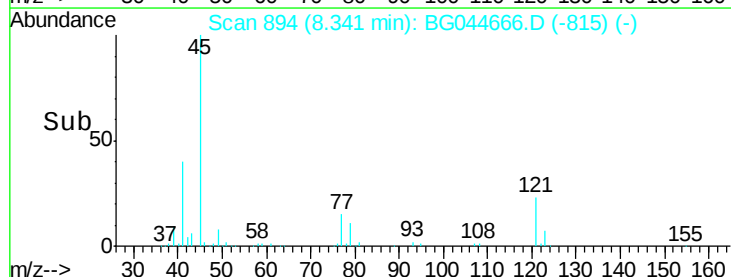
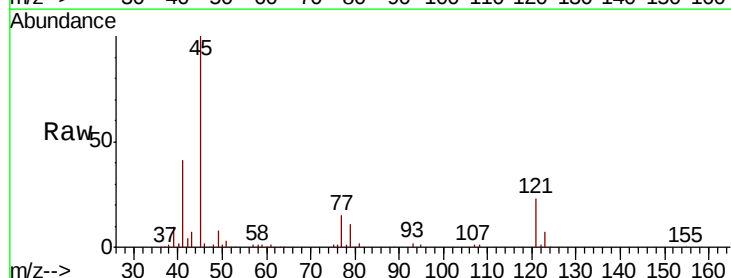
Tgt Ion: 45 Resp: 195676

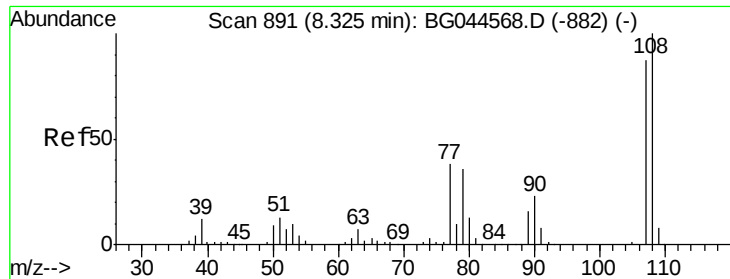
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.4

79 11.2 0.0 32.3

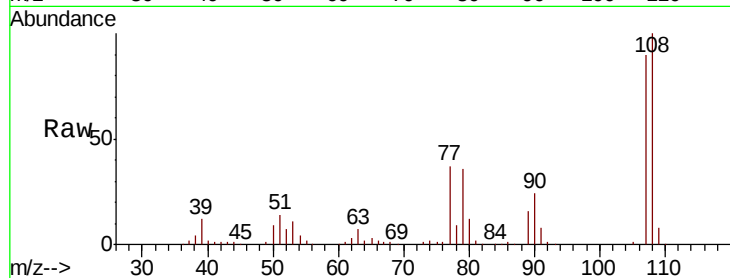




#17
2-Methylphenol
Concen: 47.627 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	41.8	35.1	52.7
79	40.5	33.2	49.8



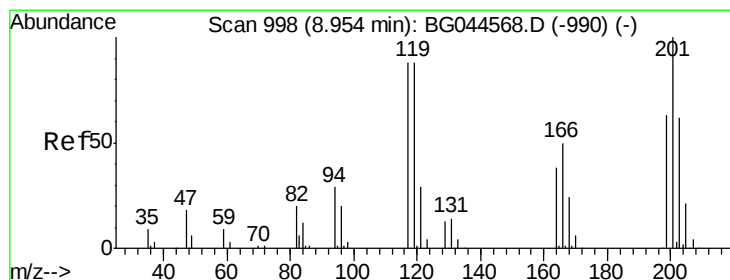
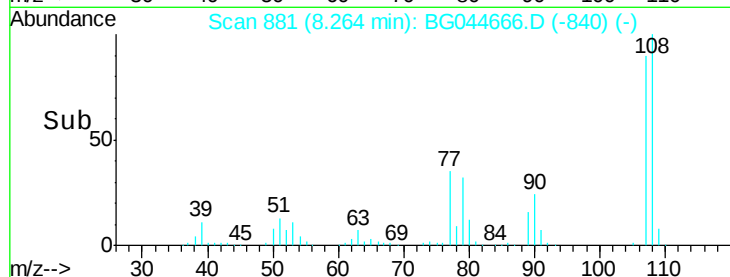
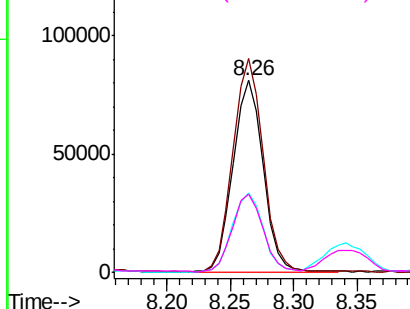
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

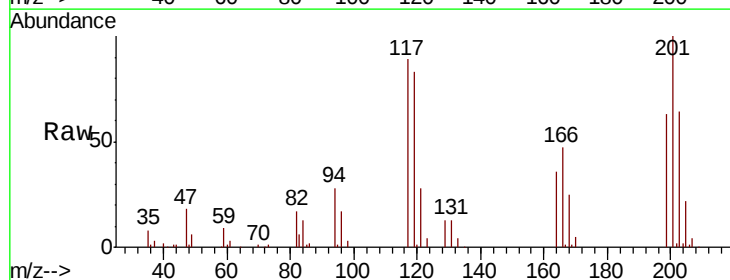
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.737 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	80.0	120.0
201	112.2	90.5	135.7

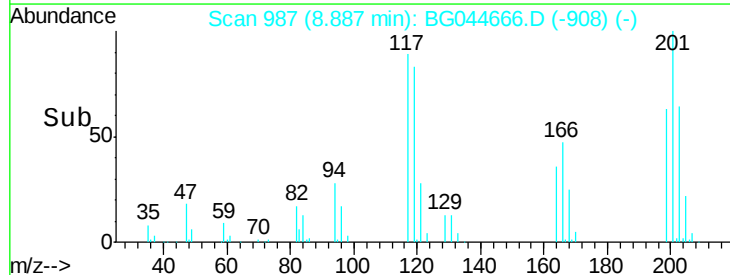
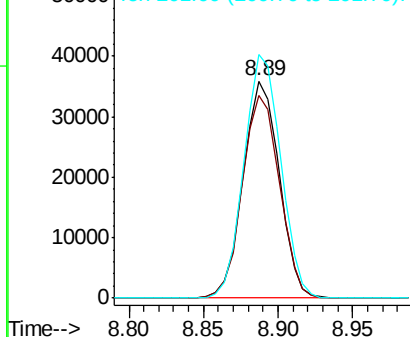


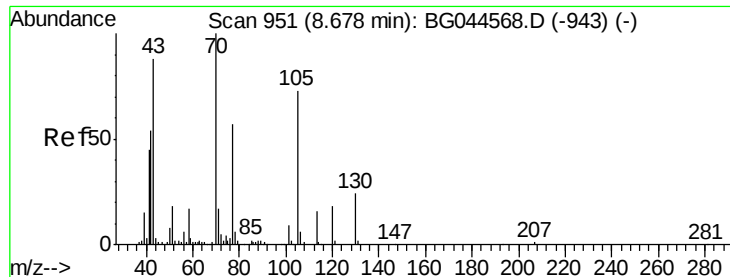
Abundance

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

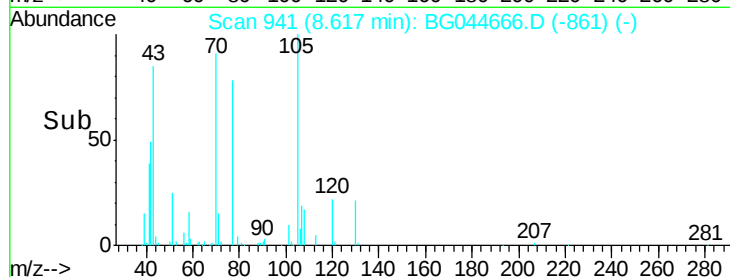
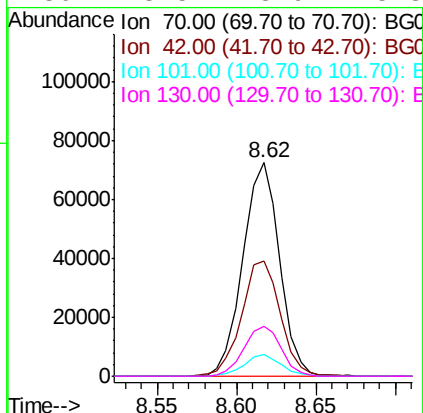
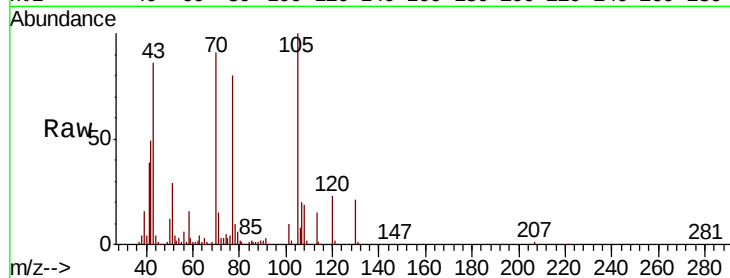




#19
n-Nitroso-di-n-propylamine
Concen: 44.974 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

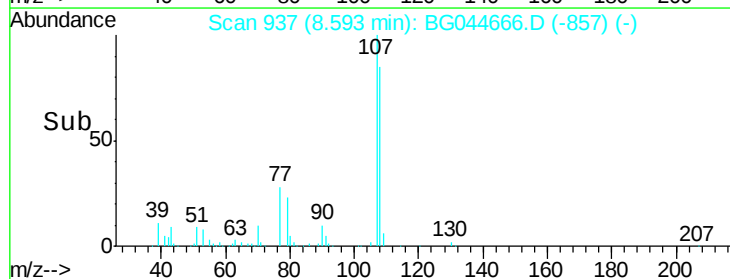
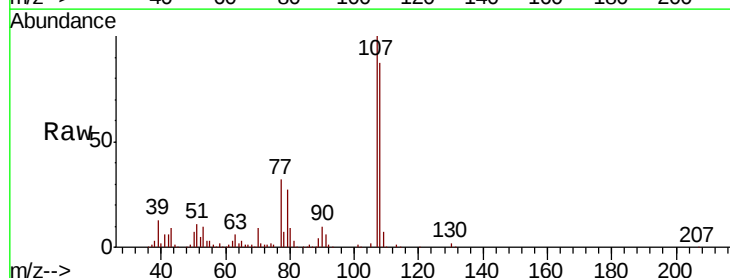
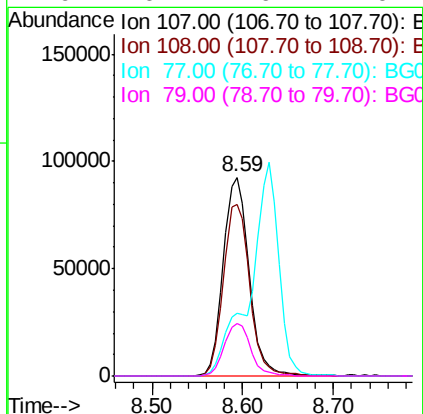
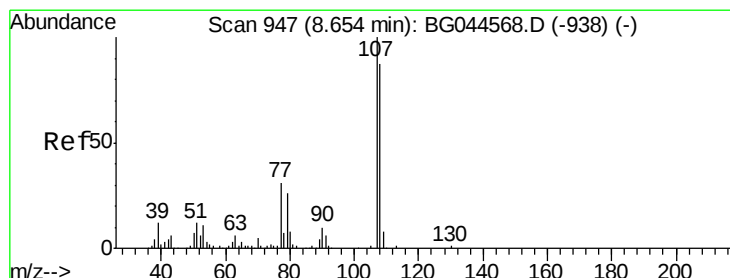
Instrument :
BNA_G
ClientSampleId :

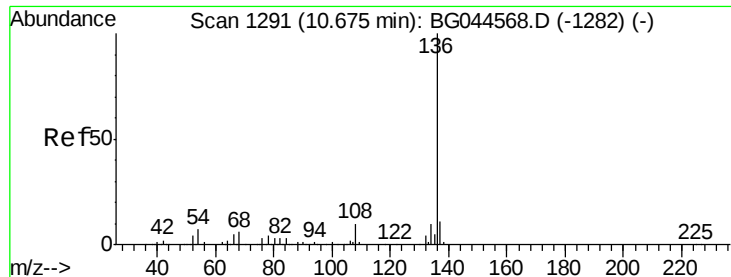
Tot Ion:	70	Resp:	116195
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.4	65.0
101	10.5	7.5	11.3
130	23.5	18.9	28.3



#20
3+4-Methylphenols
Concen: 48.220 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:	107	Resp:	183697
Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.5	107.5
77	31.7	11.3	51.3
79	26.7	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 193367

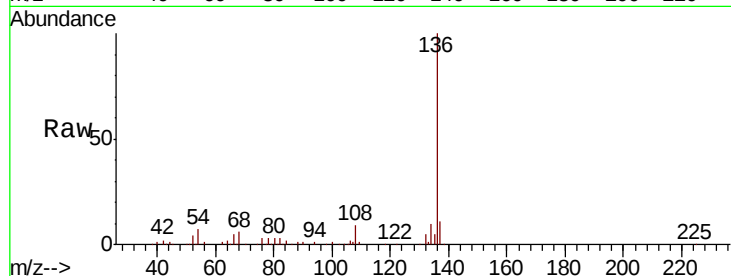
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.6 5.7 8.5

68 5.9 4.5 6.7

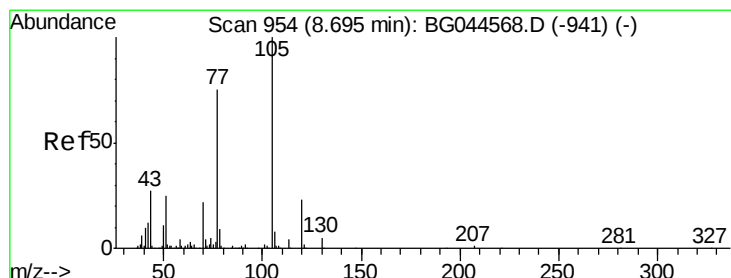
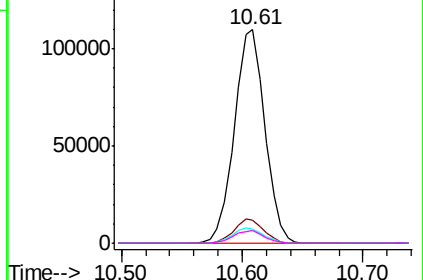
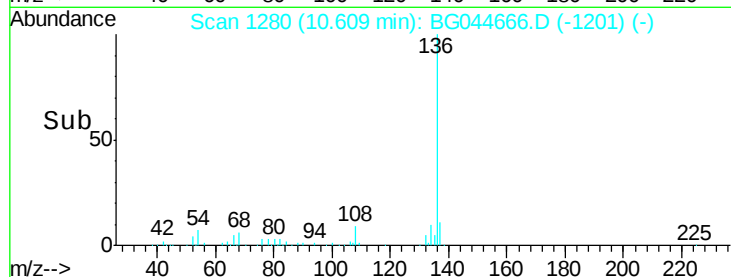


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.039 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Tgt Ion:105 Resp: 223511

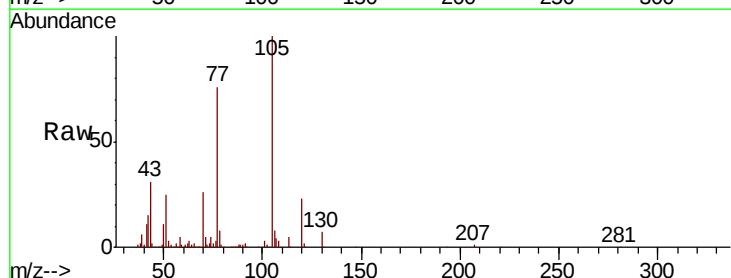
Ion Ratio Lower Upper

105 100

71 4.6 2.8 4.2#

51 25.3 19.9 29.9

120 23.0 18.6 28.0

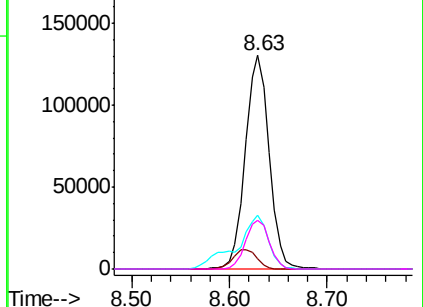
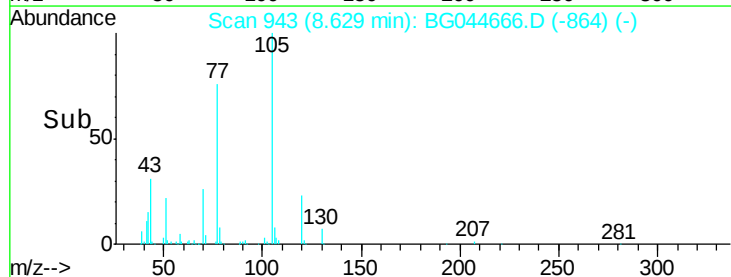


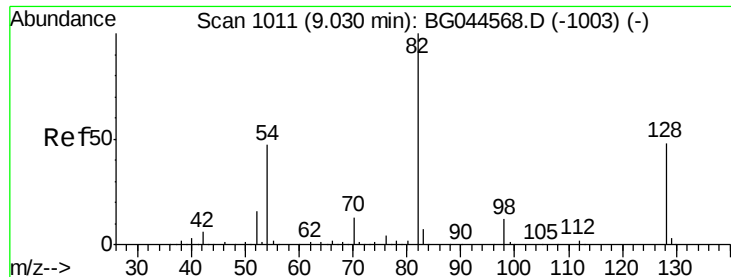
Abundance Ion 105.00 (104.70 to 105.70): E

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

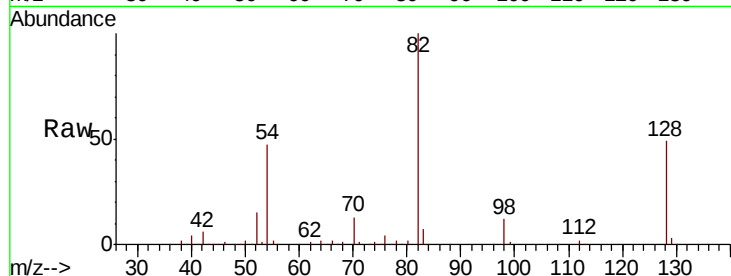




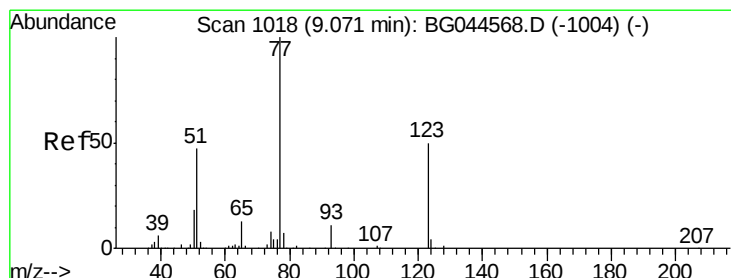
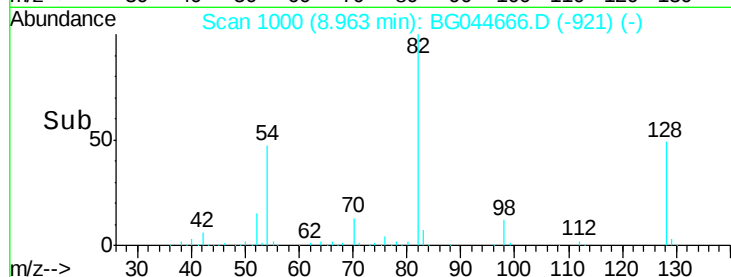
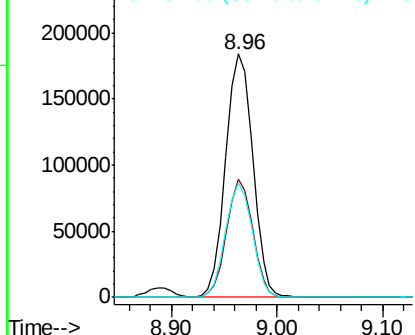
#23
 Nitrobenzene-d5
 Concen: 87.563 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 328656
 Ion Ratio Lower Upper
 82 100
 128 48.7 38.1 57.1
 54 46.8 37.5 56.3

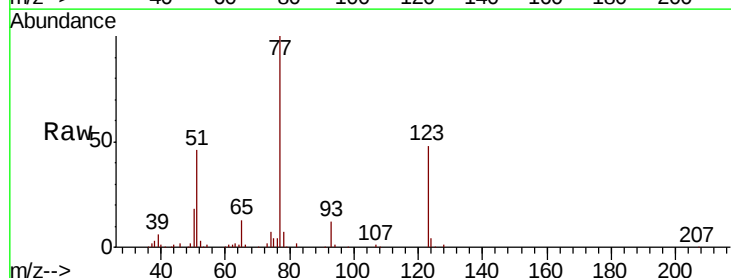


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

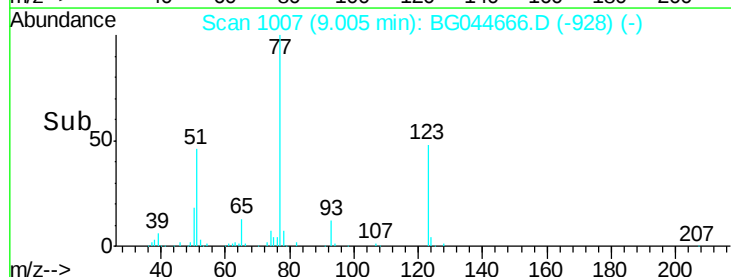
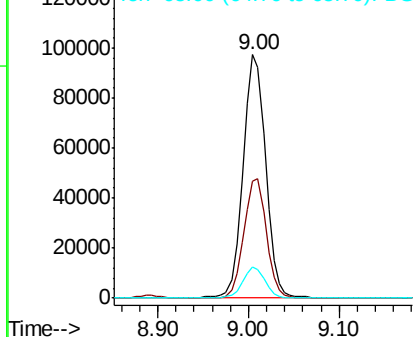


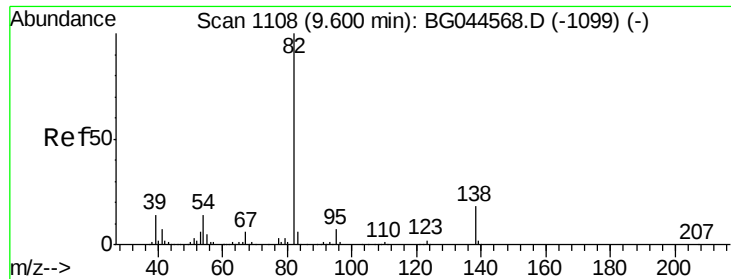
#24
 Nitrobenzene
 Concen: 46.380 ng
 RT: 9.00 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion: 77 Resp: 168652
 Ion Ratio Lower Upper
 77 100
 123 48.0 40.1 60.1
 65 12.6 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: 46.665 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampled :

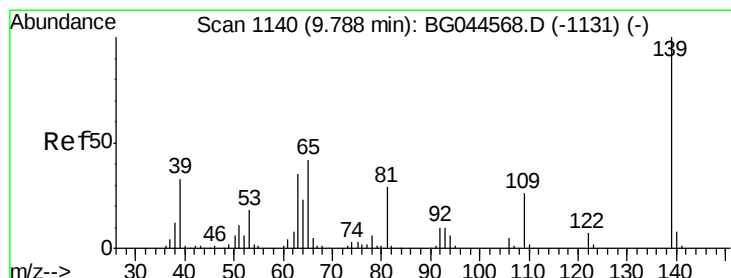
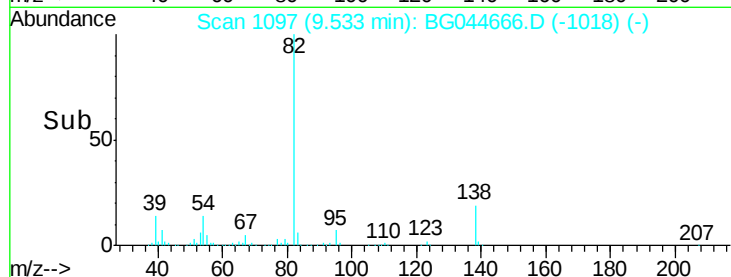
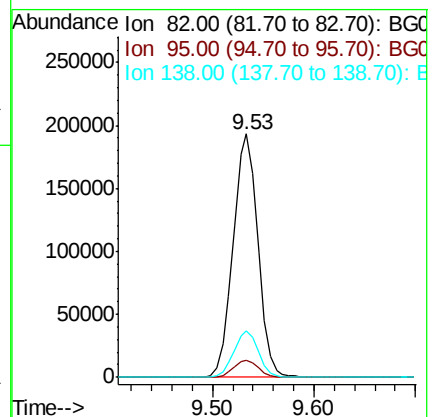
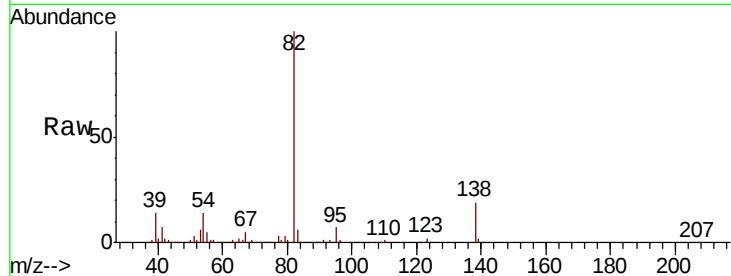
Tot Ion: 82 Resp: 327659

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 19.2 14.7 22.1



#26

2-Nitrophenol

Concen: 47.371 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

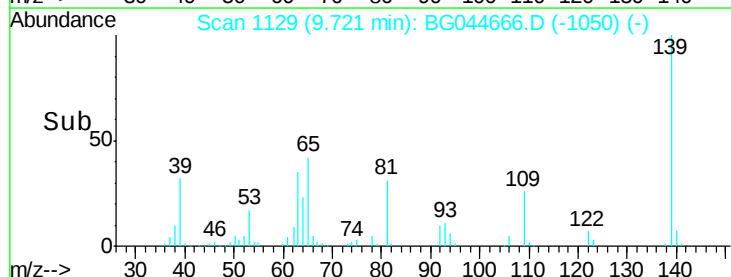
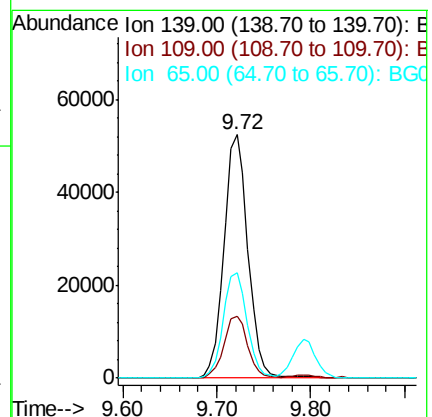
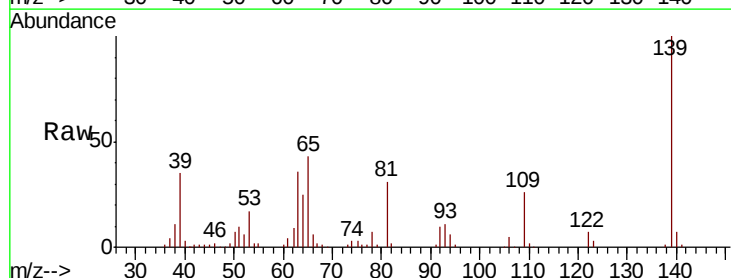
Tgt Ion: 139 Resp: 93419

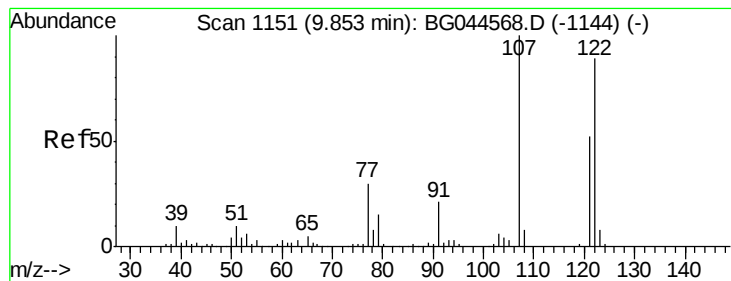
Ion Ratio Lower Upper

139 100

109 25.6 20.6 31.0

65 43.0 33.3 49.9





#27

2,4-Dimethylphenol

Concen: 56.318 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampled :

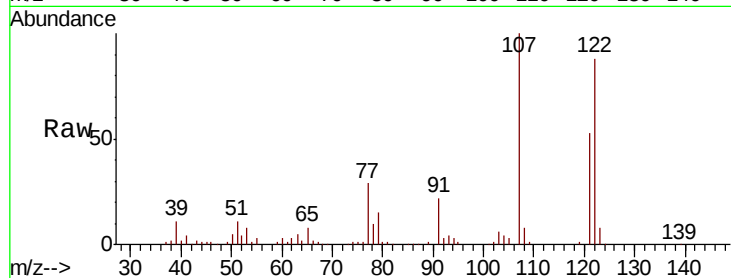
Tot Ion:122 Resp: 155942

Ion Ratio Lower Upper

122 100

107 113.3 89.4 134.0

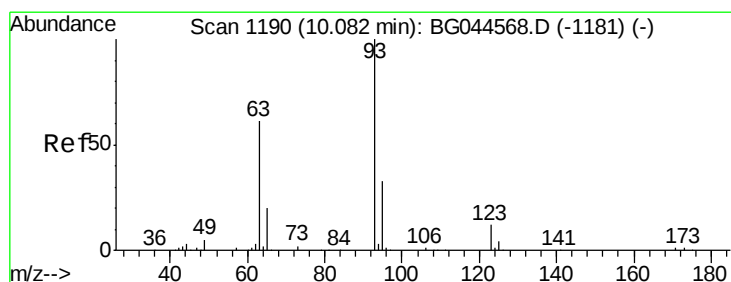
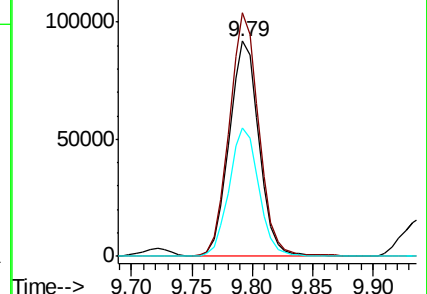
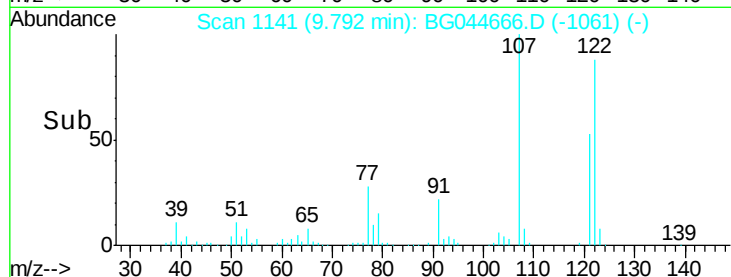
121 60.0 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.636 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

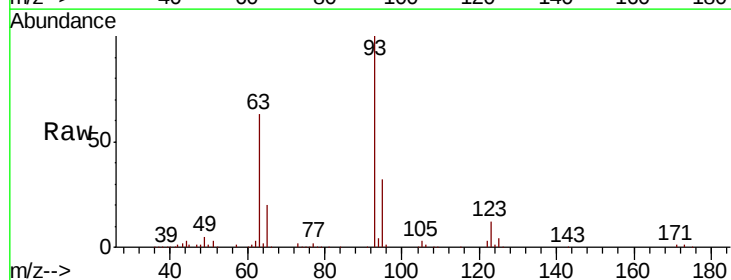
Tgt Ion: 93 Resp: 202617

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

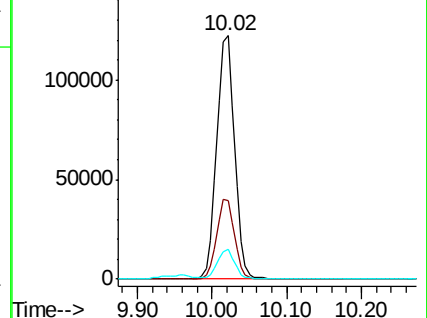
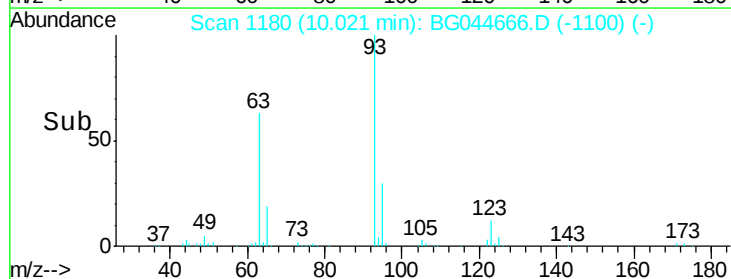
123 12.3 9.7 14.5

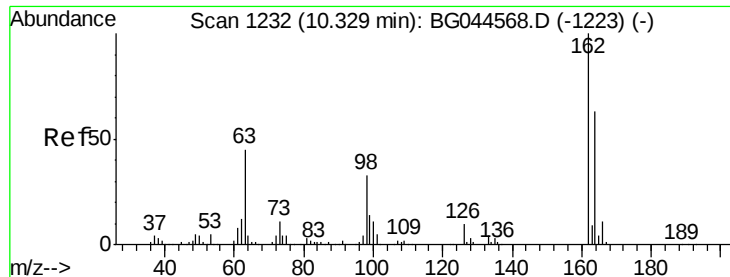


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

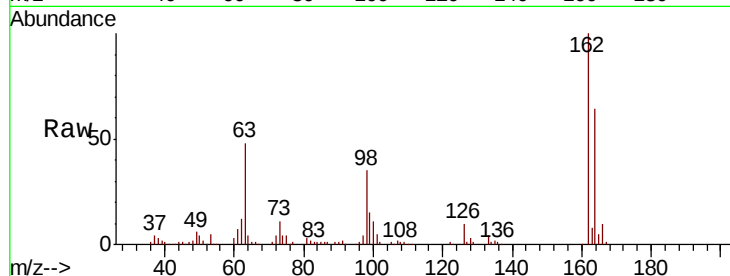




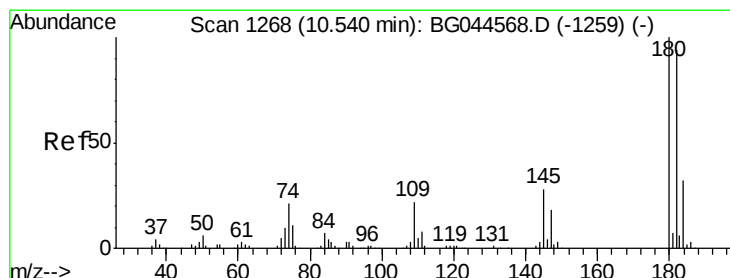
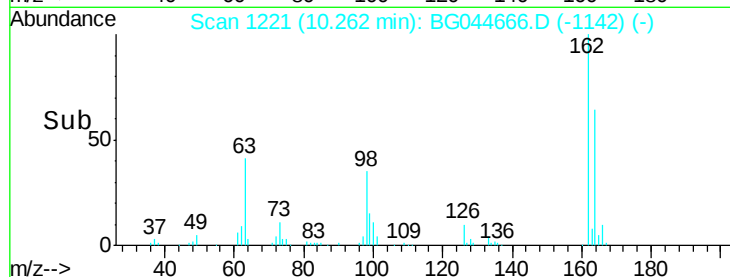
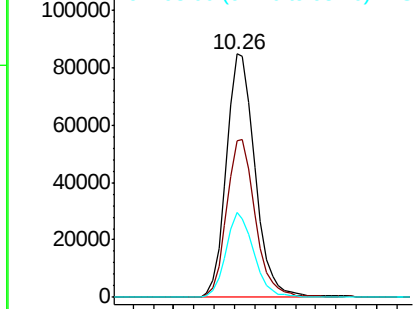
#29
 2,4-Dichlorophenol
 Concen: 50.320 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.2	83.2
98	34.9	13.2	53.2

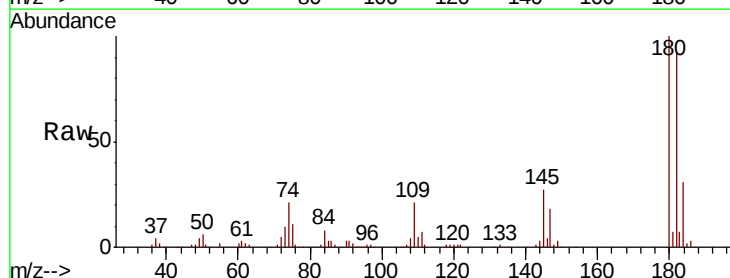


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

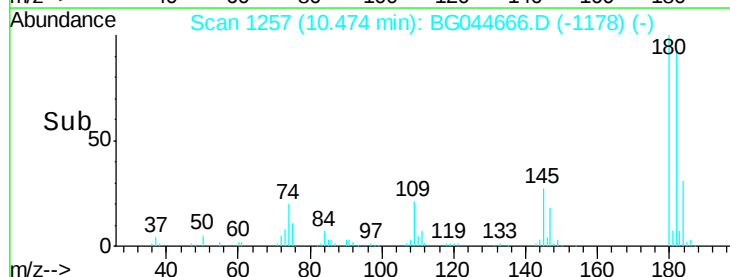
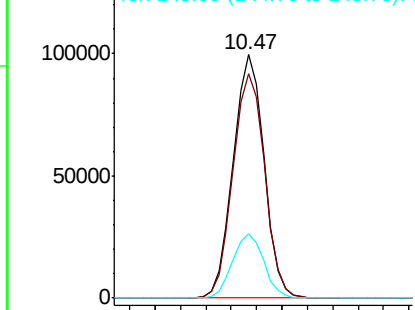


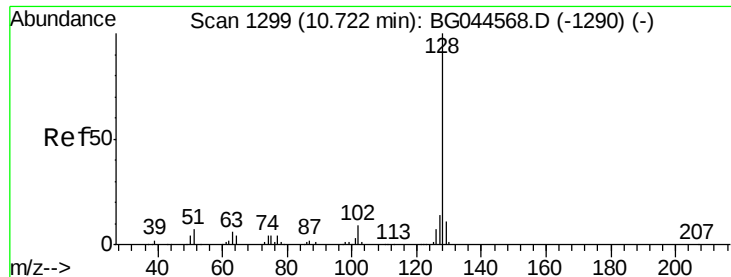
#30
 1,2,4-Trichlorobenzene
 Concen: 43.863 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.6	113.4
145	26.7	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

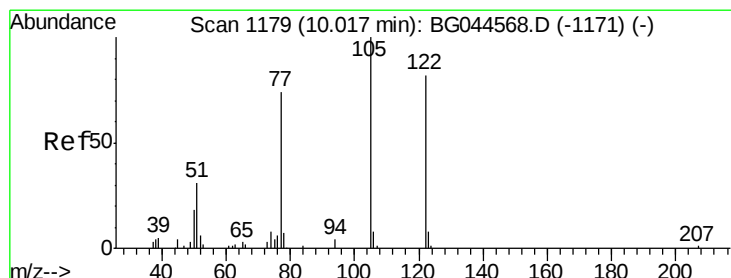
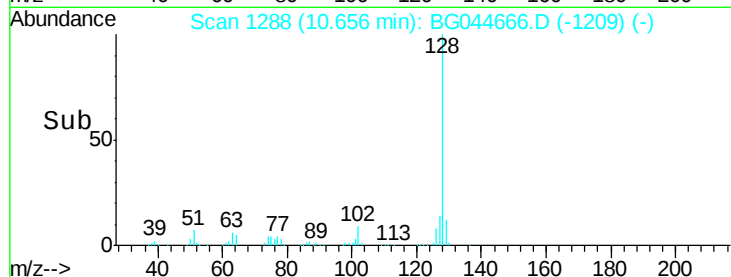
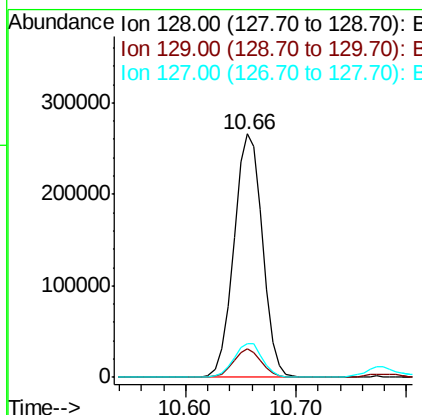
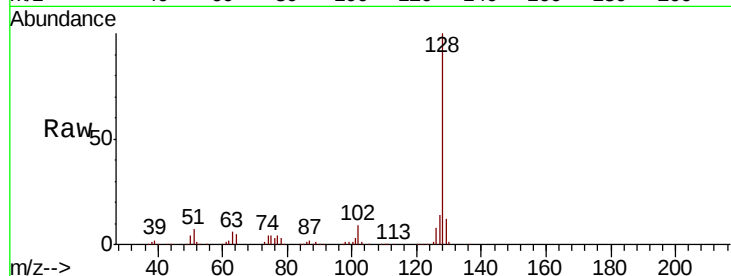




#31
Naphthalene
Concen: 45.681 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

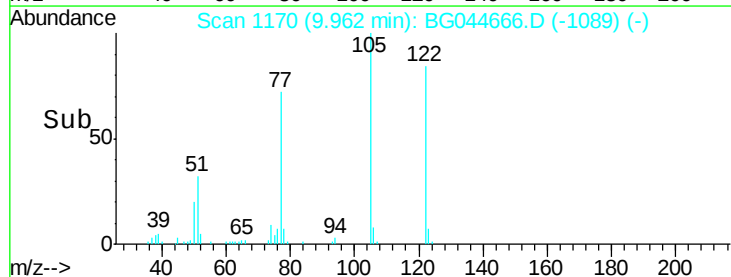
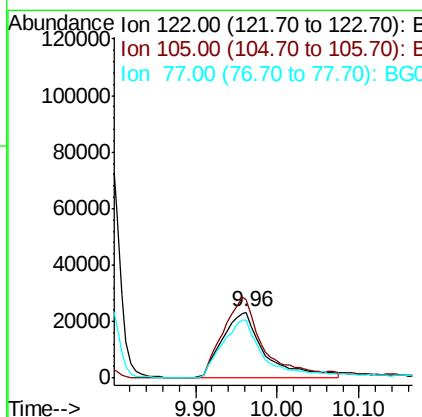
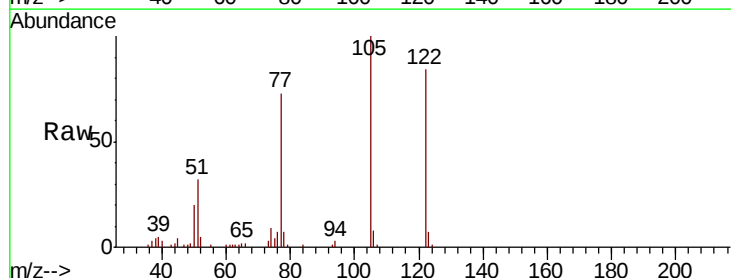
Instrument :
BNA_G
ClientSampleId :

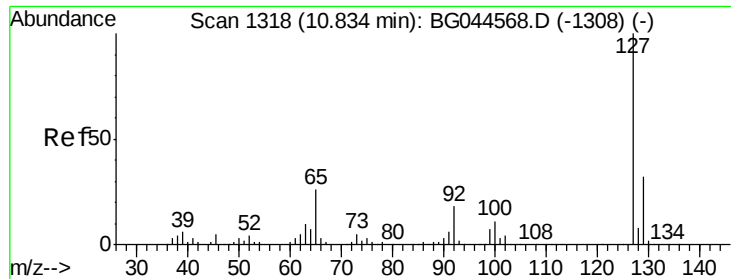
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.0	11.0	16.4



#32
Benzoic acid
Concen: 63.196 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	101.4	141.4
77	86.7	69.8	109.8

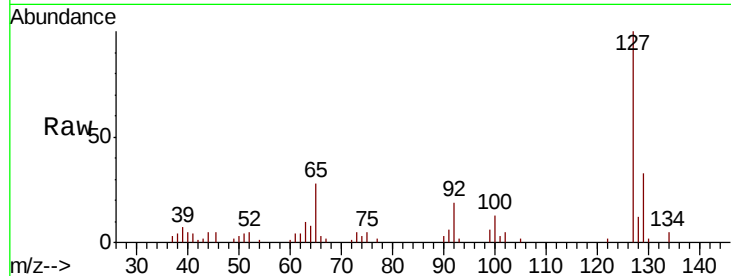




#33
4-Chloroaniline
Concen: 5.756 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	26751
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.9	20.7	31.1
92	18.6	14.2	21.2



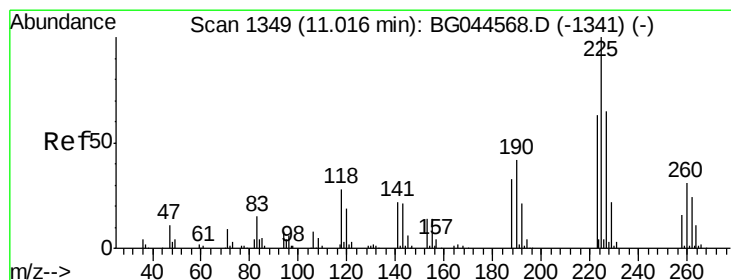
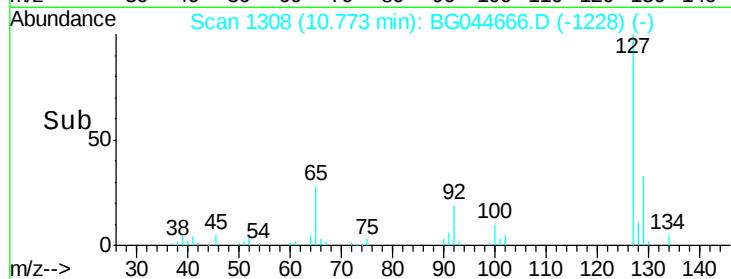
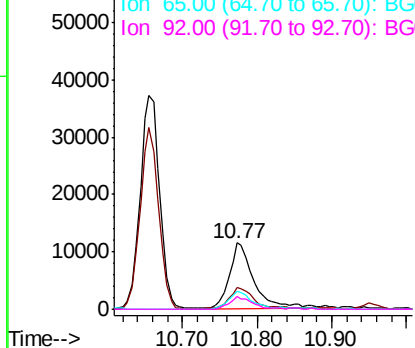
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

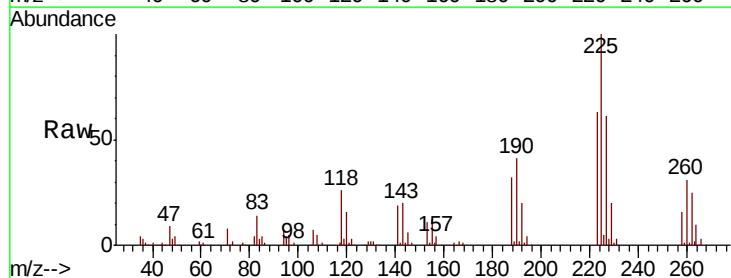
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.410 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:	225	Resp:	101968
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	60.7	52.1	78.1

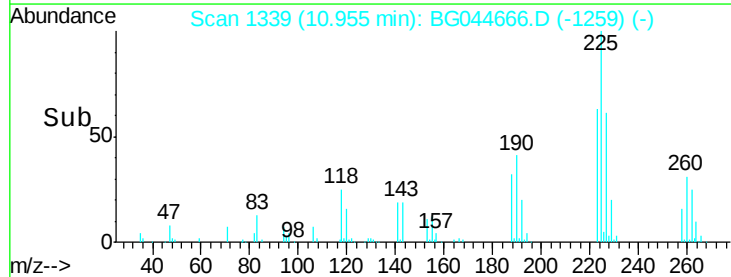
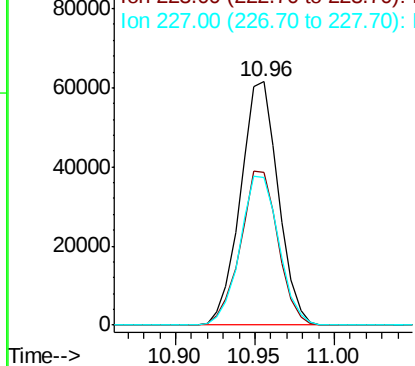


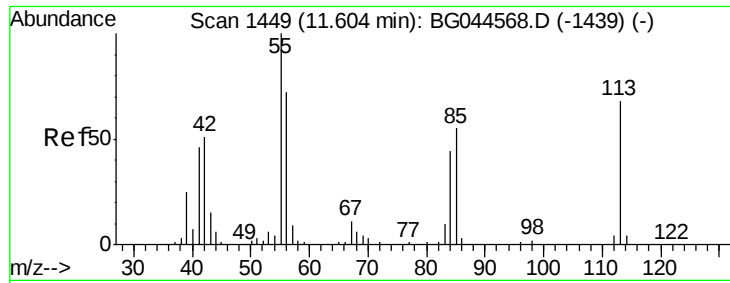
Abundance

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

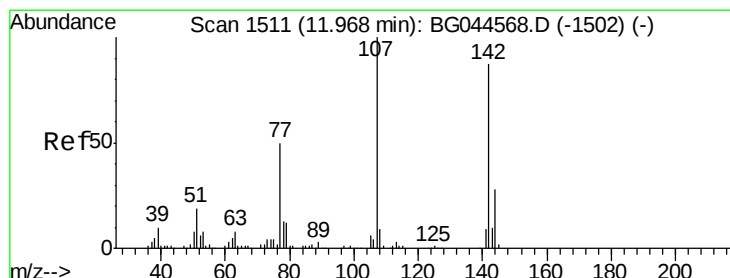
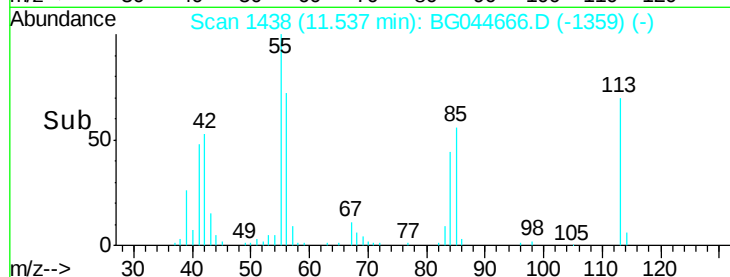
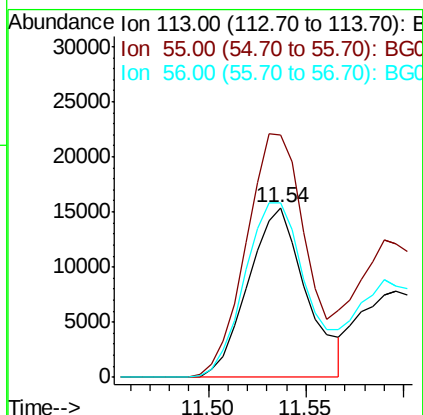
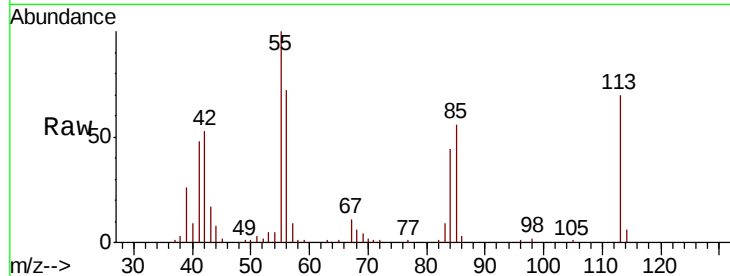




#35
 Caprolactam
 Concen: 26.719 ng
 RT: 11.54 min Scan# 1438
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

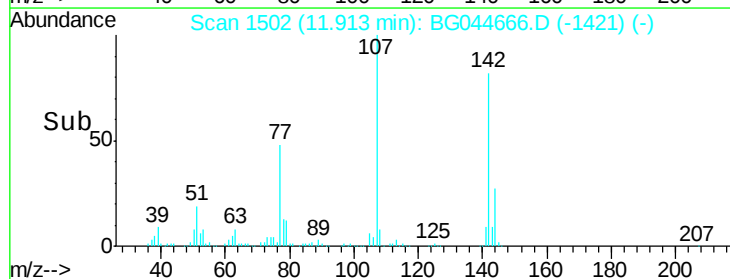
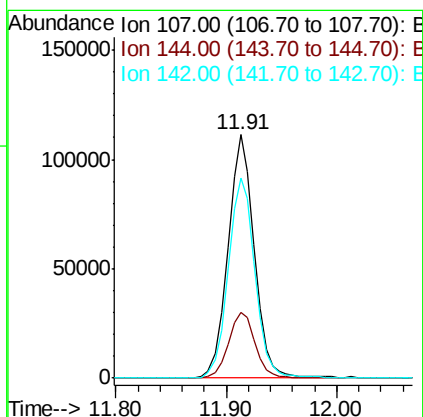
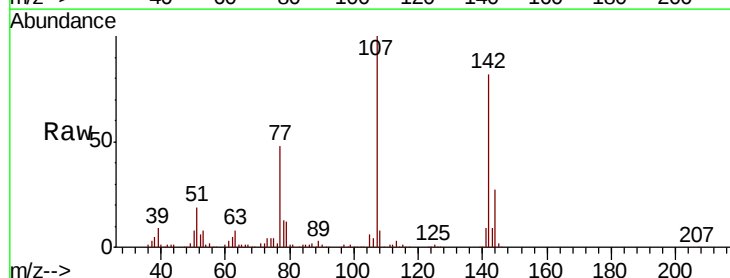
Instrument :
 BNA_G
 ClientSampled :

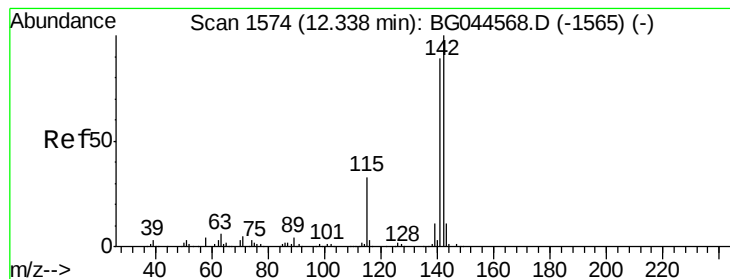
Tot Ion:113 Resp: 31665
 Ion Ratio Lower Upper
 113 100
 55 142.5 127.8 167.8
 56 102.6 86.9 126.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.398 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:107 Resp: 185368
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.3 33.5
 142 82.5 69.3 103.9





#37

2-Methylnaphthalene

Concen: 46.812 ng

RT: 12.27 min Scan# 1563

Delta R.T. -0.07 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

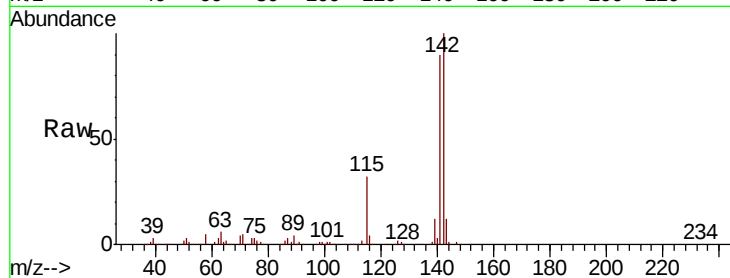
Tot Ion:142 Resp: 365041

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

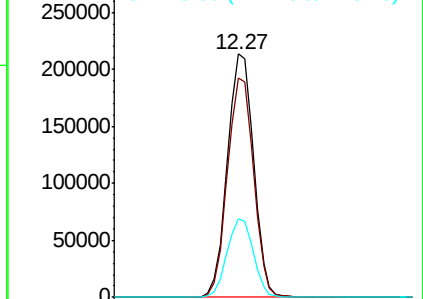
115 32.4 26.2 39.2



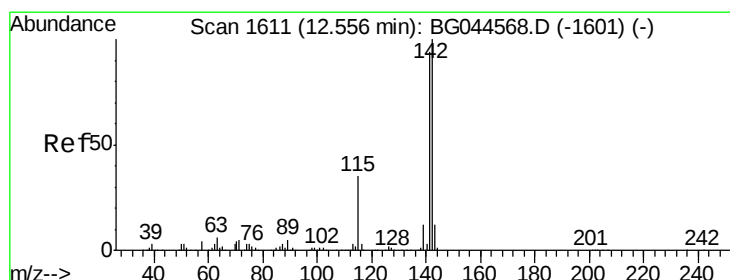
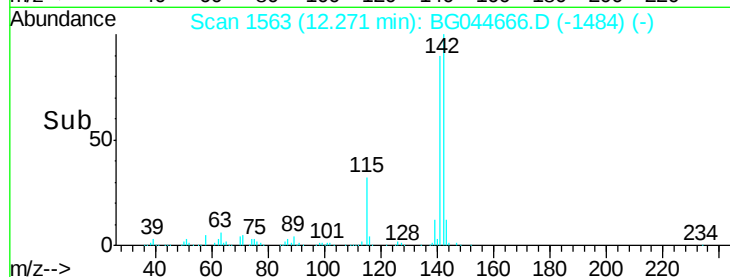
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 47.046 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

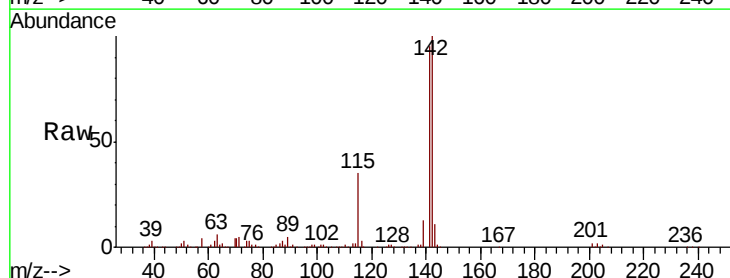
Tgt Ion:142 Resp: 348599

Ion Ratio Lower Upper

142 100

141 95.1 75.1 112.7

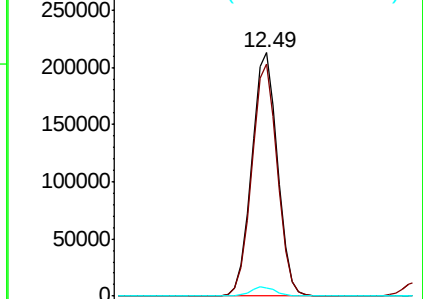
116 3.5 2.6 4.0



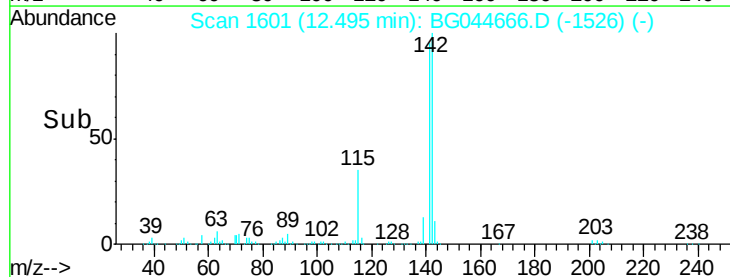
Abundance Ion 142.00 (141.70 to 142.70): E

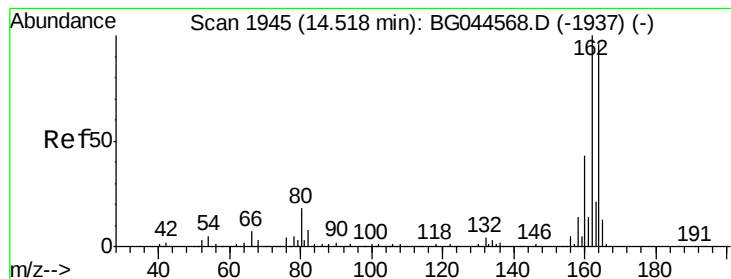
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

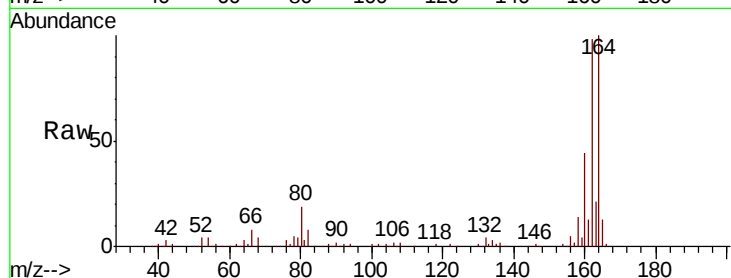
Tot Ion:164 Resp: 143883

Ion Ratio Lower Upper

164 100

162 98.0 83.6 125.4

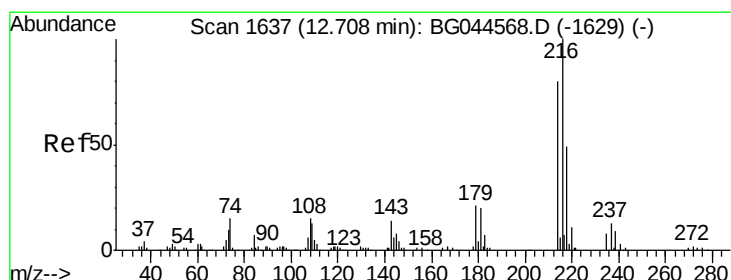
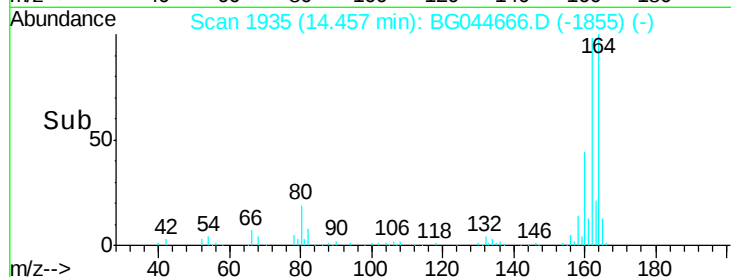
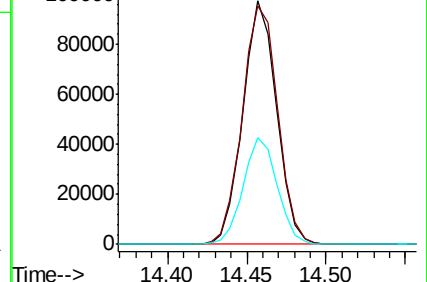
160 43.8 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.386 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Tgt Ion:216 Resp: 190781

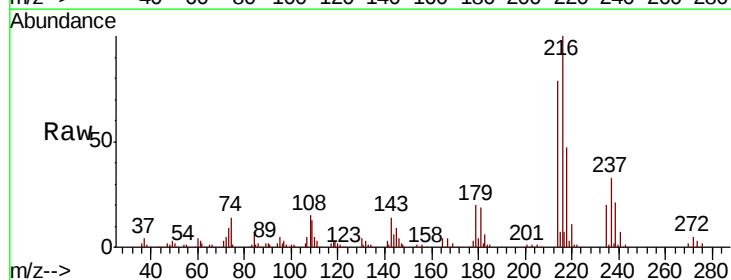
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 19.9 16.2 24.2

108 16.8 12.6 18.8

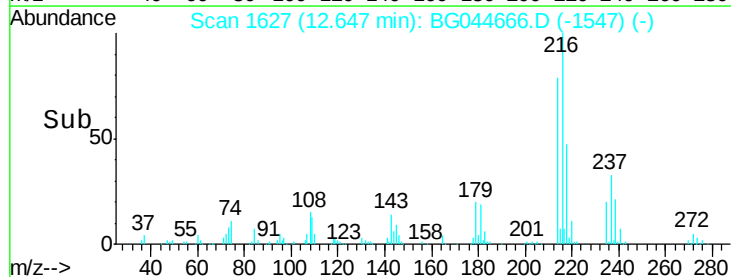
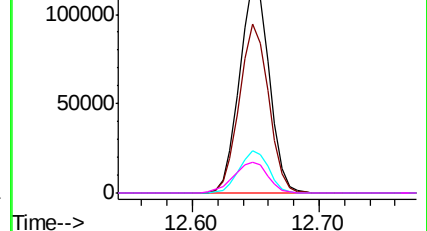


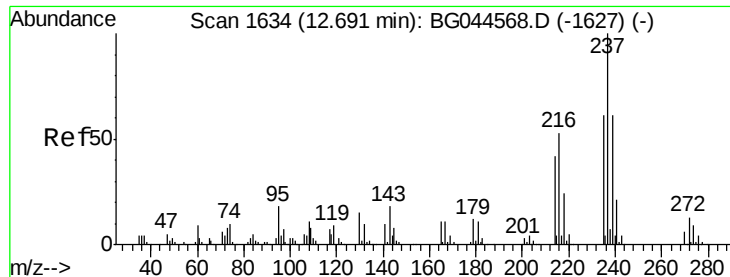
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.196 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

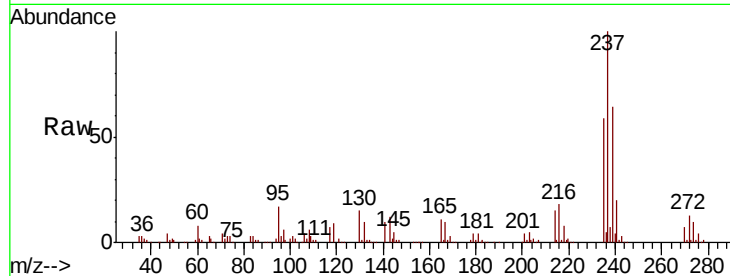
Tot Ion:237 Resp: 192963

Ion Ratio Lower Upper

237 100

235 59.0 40.7 80.7

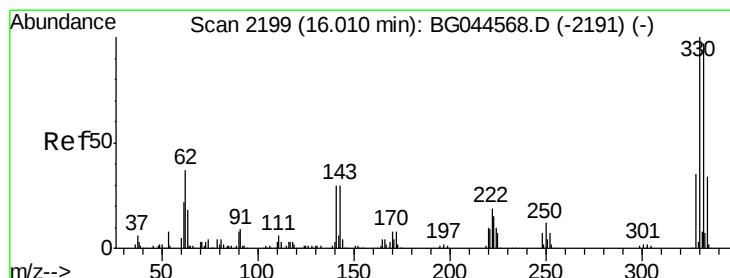
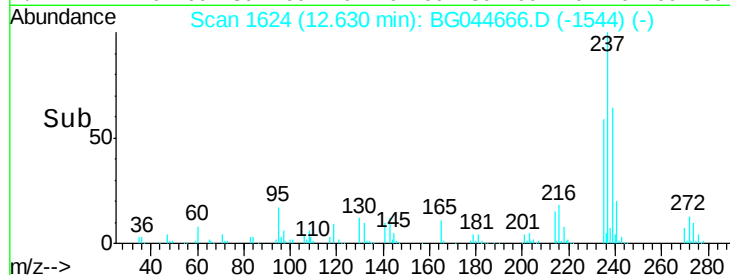
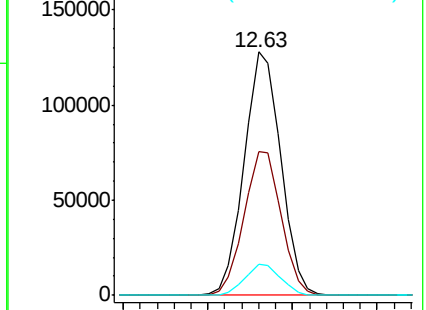
272 12.8 0.0 32.7



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: 148.156 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

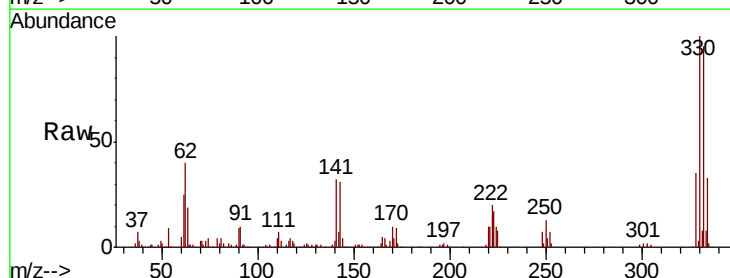
Tgt Ion:330 Resp: 302260

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

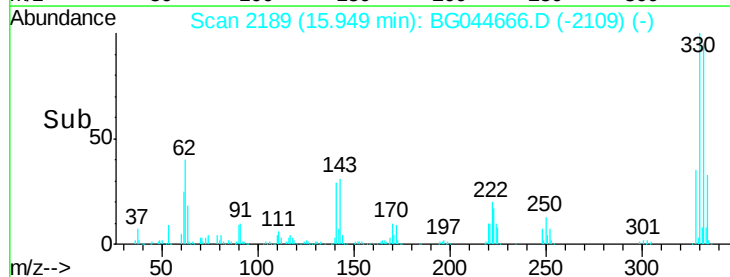
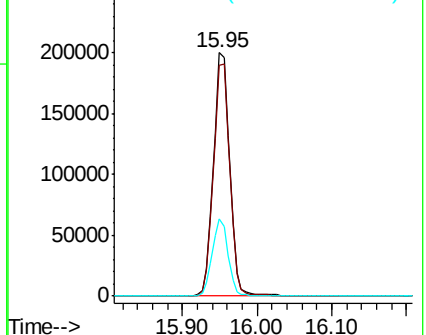
141 31.1 26.1 39.1

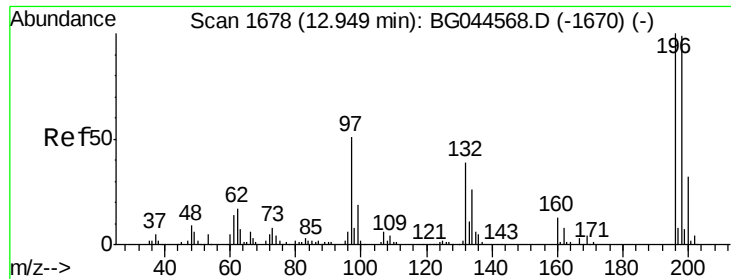


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

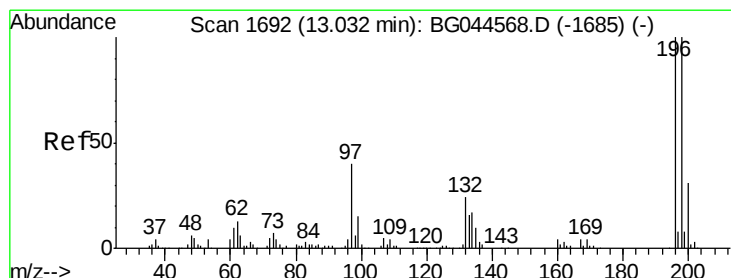
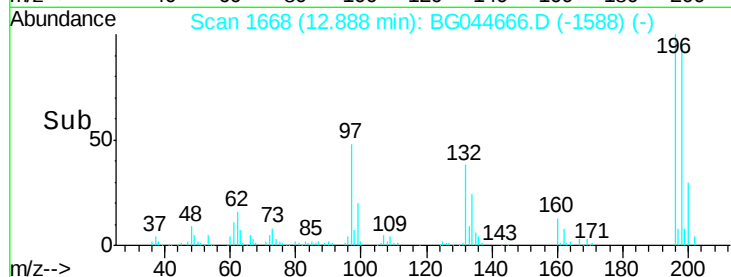
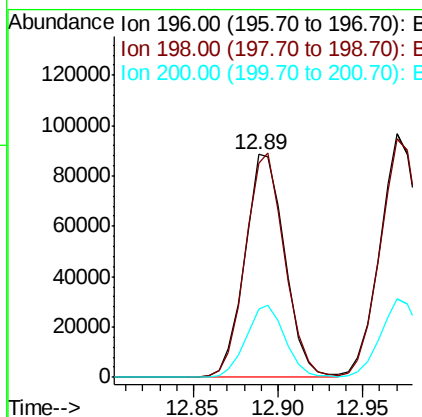
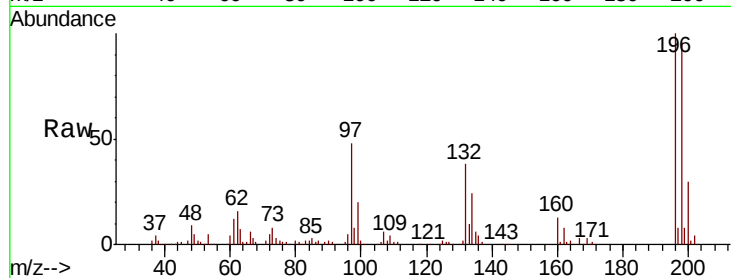




#43
 2,4,6-Trichlorophenol
 Concen: 46.300 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

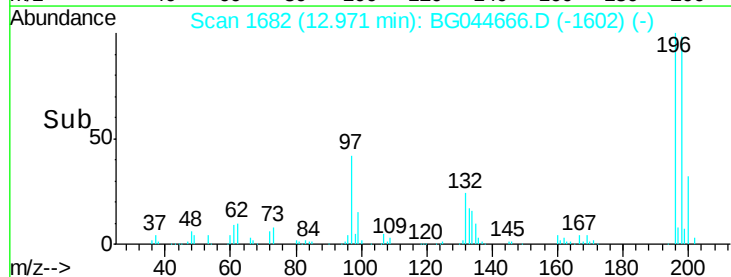
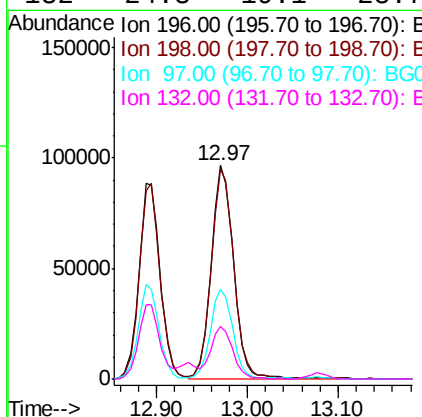
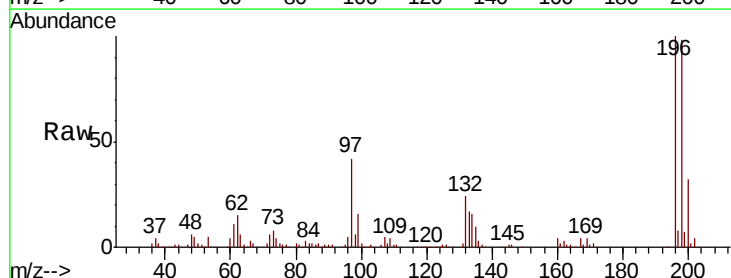
Instrument :
 BNA_G
 ClientSampleId :

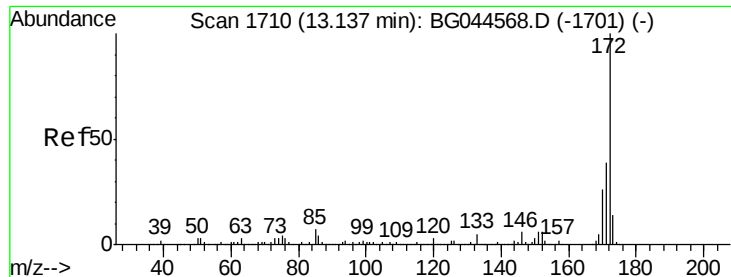
Tot Ion:196 Resp: 145619
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.2 118.8
 200 30.4 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.756 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:196 Resp: 163984
 Ion Ratio Lower Upper
 196 100
 198 98.1 79.3 118.9
 97 42.1 32.3 48.5
 132 24.3 19.1 28.7

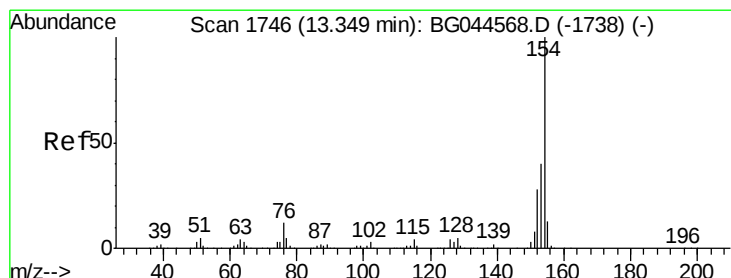
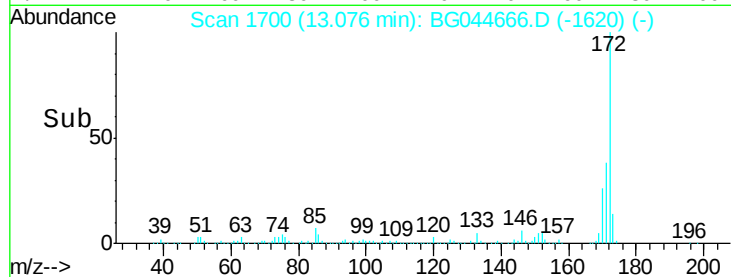
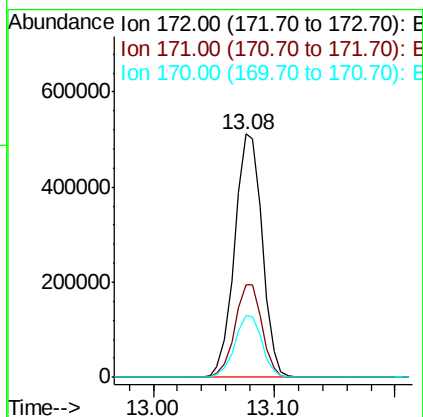
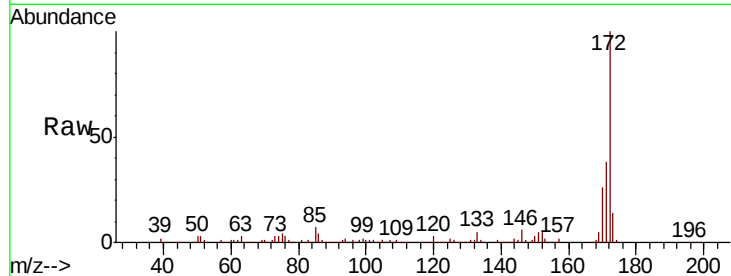




#45
 2-Fluorobiphenyl
 Concen: 80.852 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

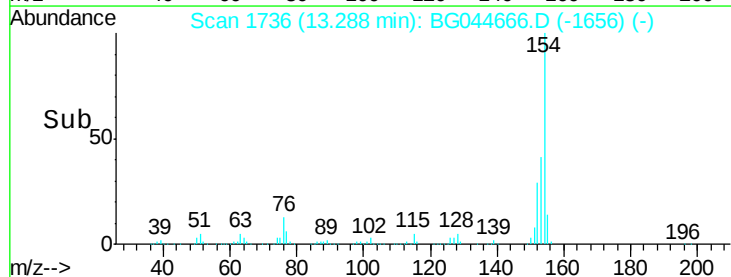
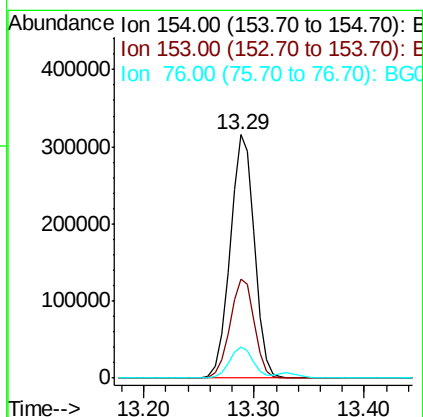
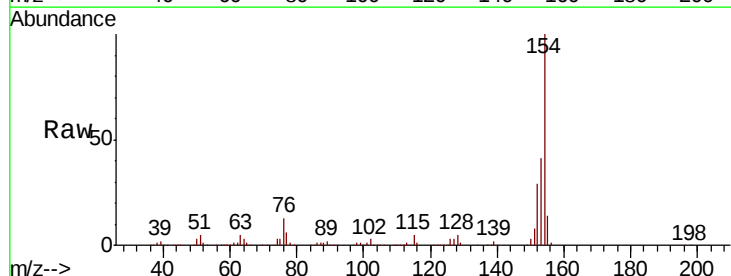
Instrument :
 BNA_G
 ClientSampleId :

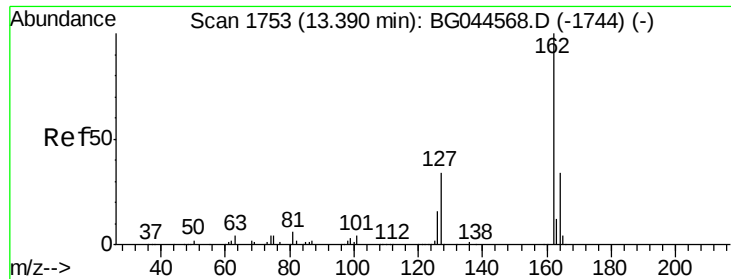
Tot Ion:172 Resp: 812382
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.6 21.0 31.4



#46
 1,1'-Biphenyl
 Concen: 40.566 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:154 Resp: 483021
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.2 60.2
 76 13.0 0.0 31.8

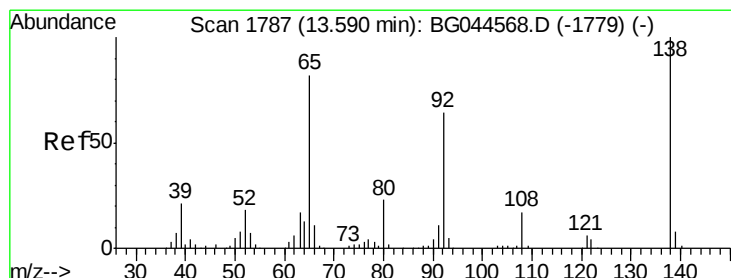
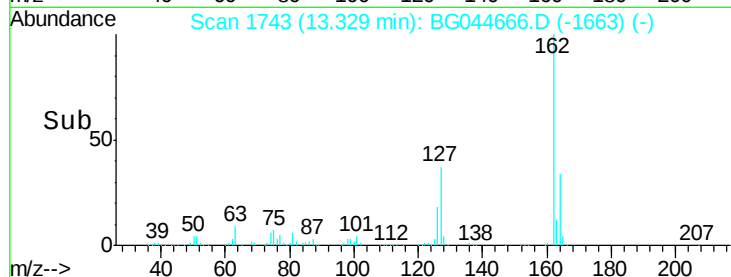
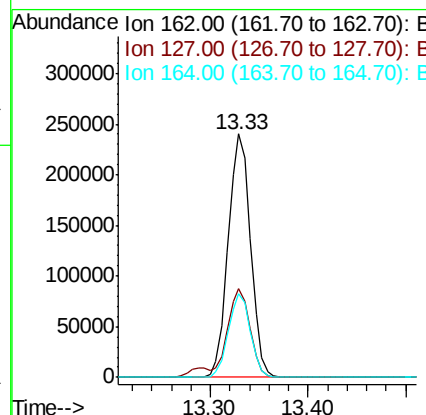
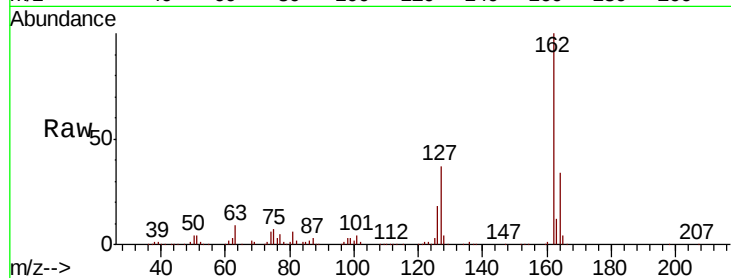




#47
 2-Chloronaphthalene
 Concen: 40.775 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

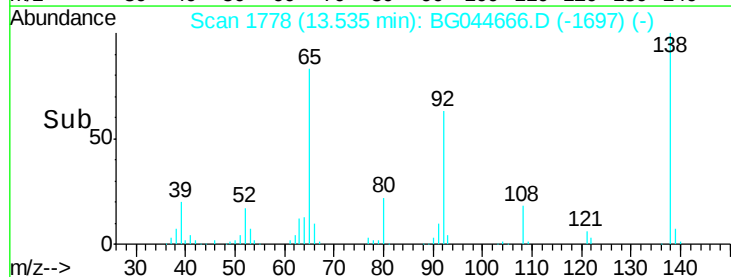
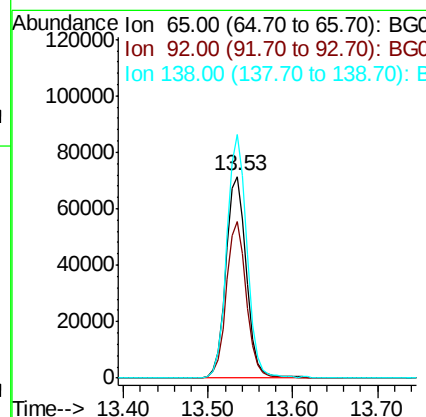
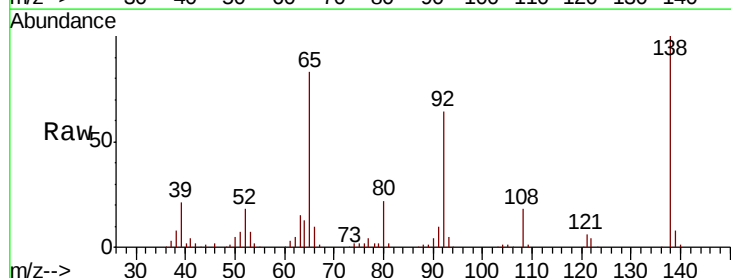
Instrument :
 BNA_G
 ClientSampleId :

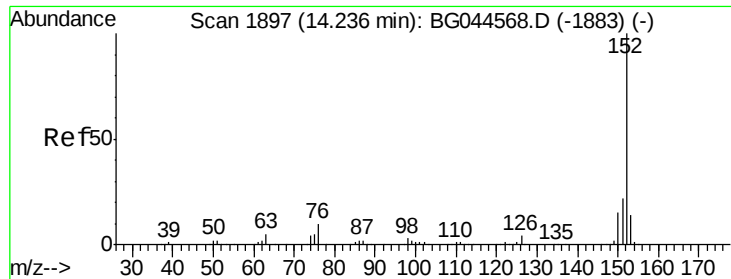
Tot Ion:162 Resp: 380716
 Ion Ratio Lower Upper
 162 100
 127 36.7 28.7 43.1
 164 34.3 27.3 40.9



#48
 2-Nitroaniline
 Concen: 46.415 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion: 65 Resp: 120300
 Ion Ratio Lower Upper
 65 100
 92 77.4 62.2 93.2
 138 120.5 97.6 146.4





#49

Acenaphthylene

Concen: 45.826 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

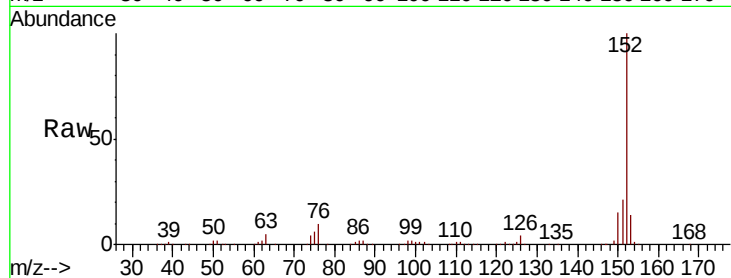
Tot Ion:152 Resp: 631598

Ion Ratio Lower Upper

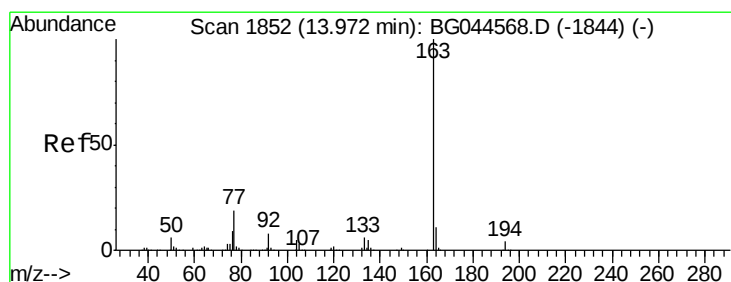
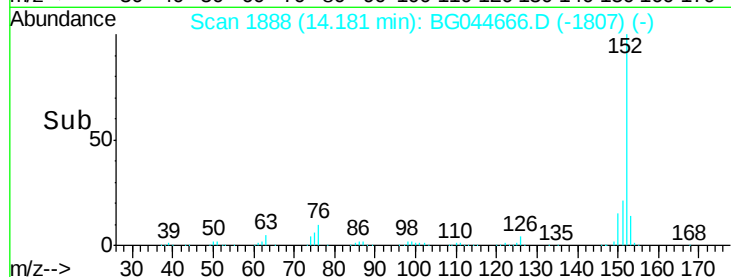
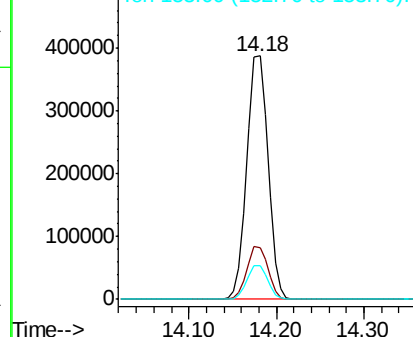
152 100

151 21.4 17.7 26.5

153 13.9 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: 48.420 ng

RT: 13.92 min Scan# 1843

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

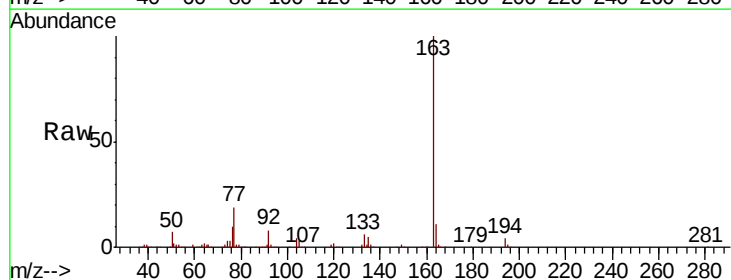
Tgt Ion:163 Resp: 562318

Ion Ratio Lower Upper

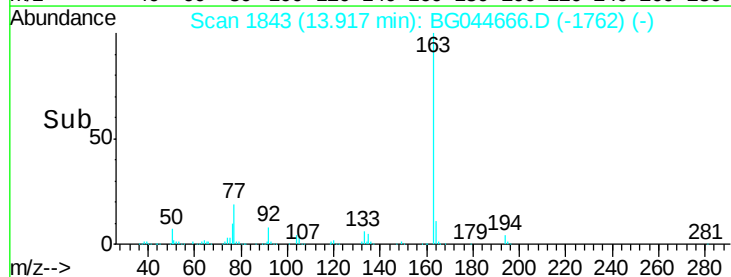
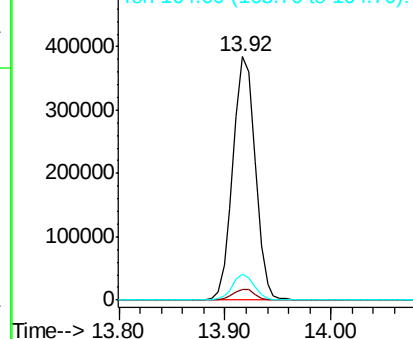
163 100

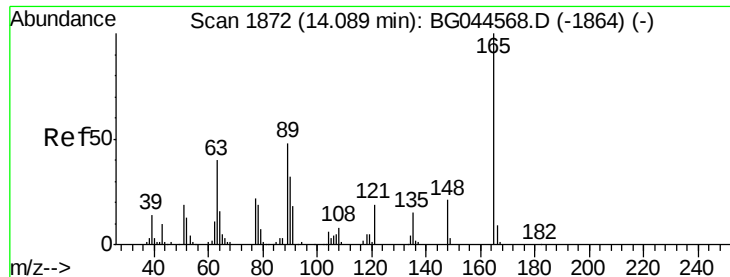
194 4.3 3.4 5.0

164 10.5 8.7 13.1



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

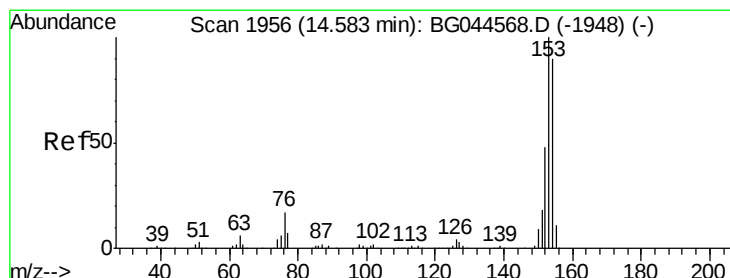
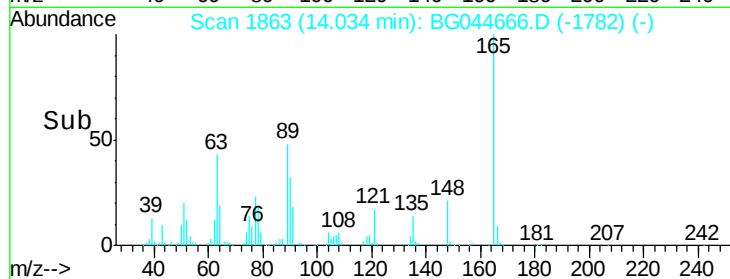
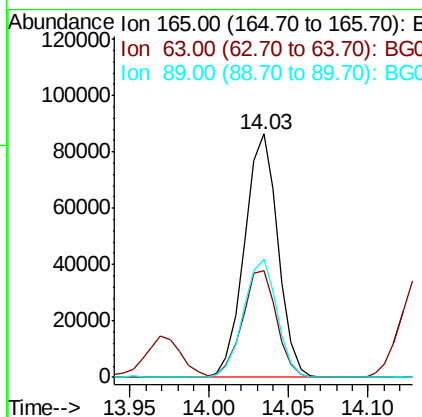
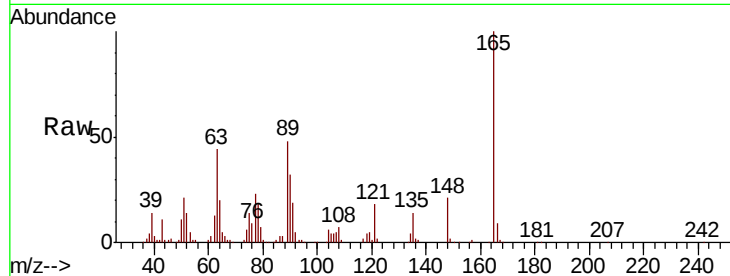




#51
 2,6-Dinitrotoluene
 Concen: 49.330 ng
 RT: 14.03 min Scan# 1863
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

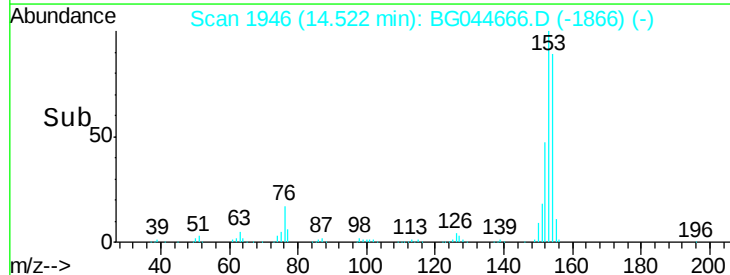
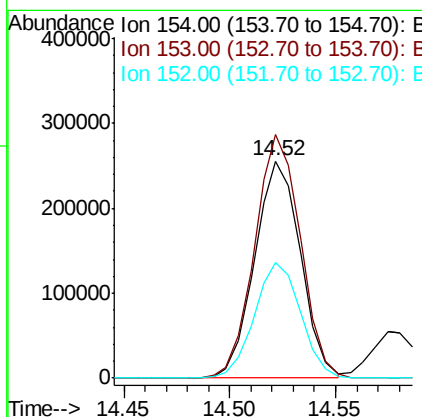
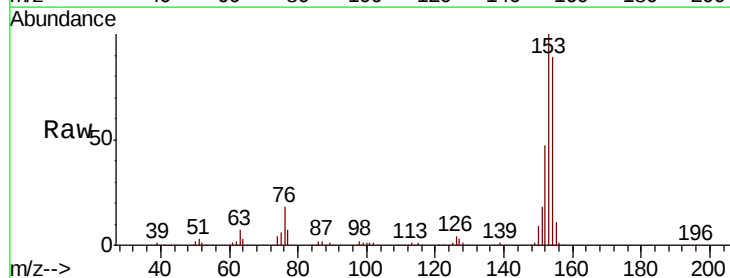
Instrument :
 BNA_G
 ClientSampled :

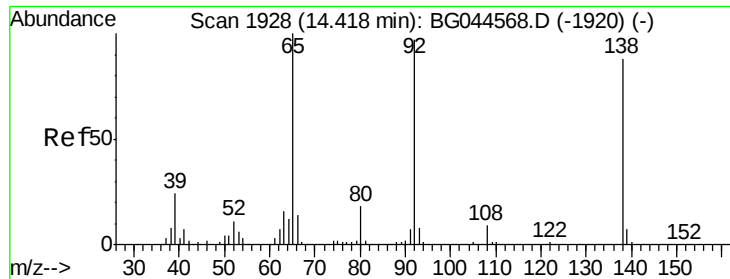
Tot Ion	165	Resp	126346
Ion Ratio	Lower	Upper	
165	100		
63	44.0	35.8	53.6
89	48.5	38.7	58.1



#52
 Acenaphthene
 Concen: 43.920 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion	154	Resp	385863
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.4	134.0
152	53.2	43.0	64.4





#53

3-Nitroaniline

Concen: 11.388 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

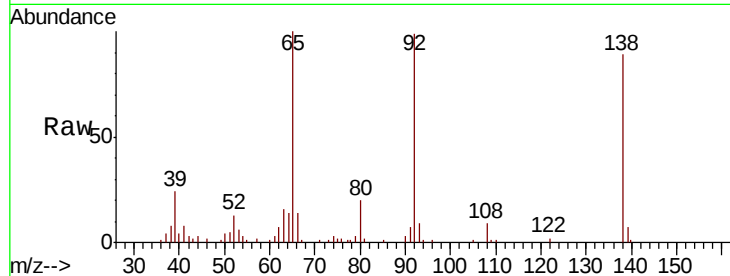
Tot Ion:138 Resp: 31456

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

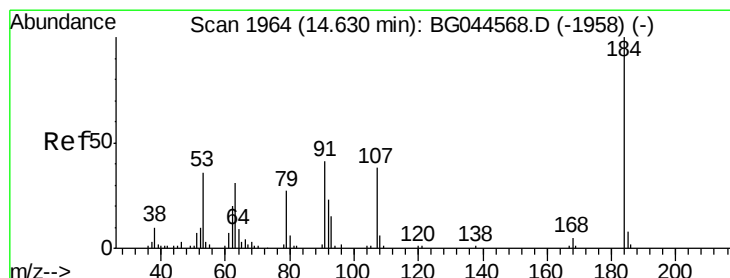
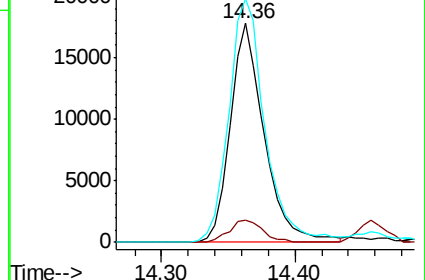
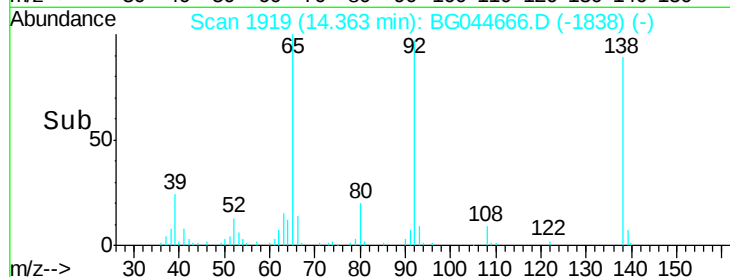
92 111.1 87.4 131.2



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: 104.180 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.05 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

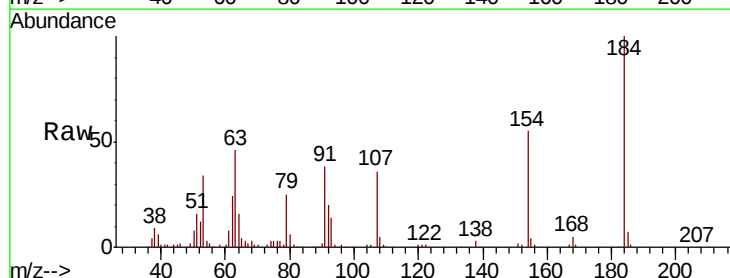
Tgt Ion:184 Resp: 163873

Ion Ratio Lower Upper

184 100

63 46.1 42.1 63.1

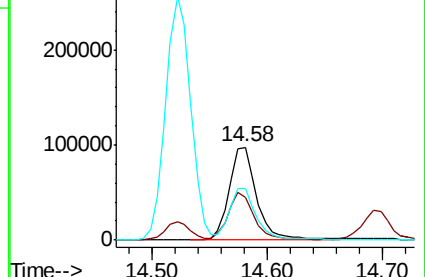
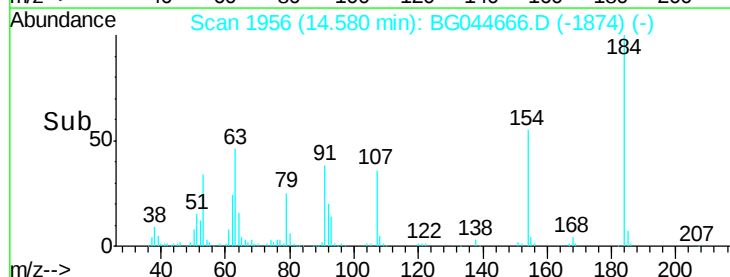
154 55.1 43.4 65.2

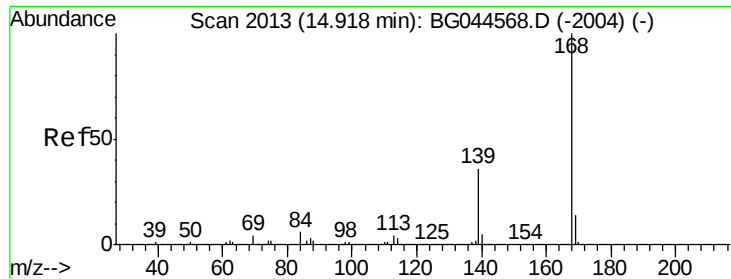


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

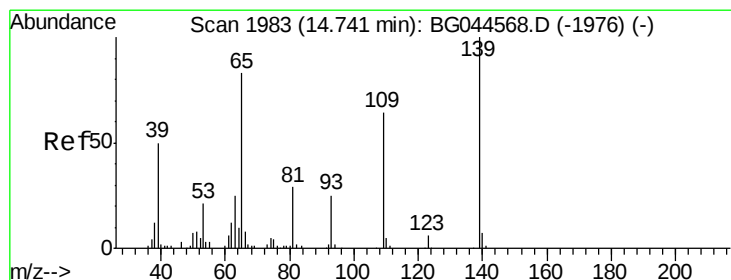
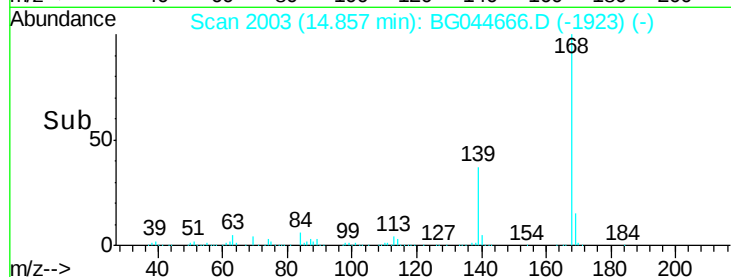
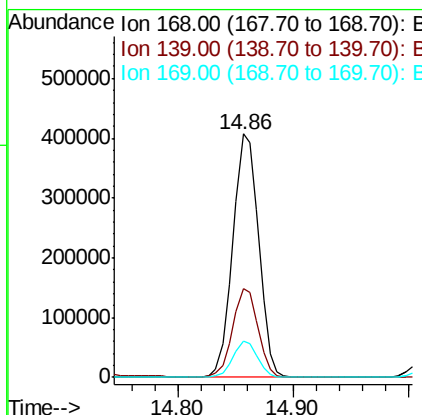
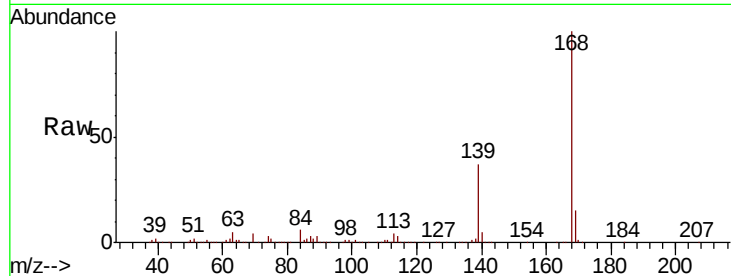




#55
Dibenzofuran
Concen: 46.857 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

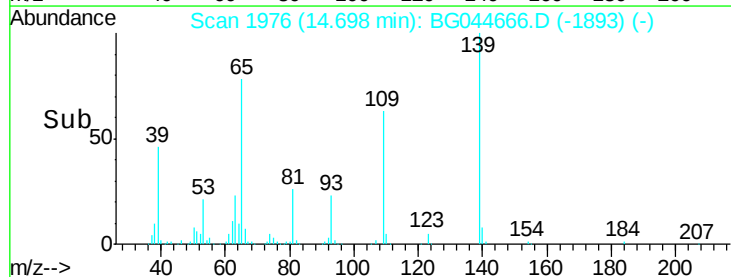
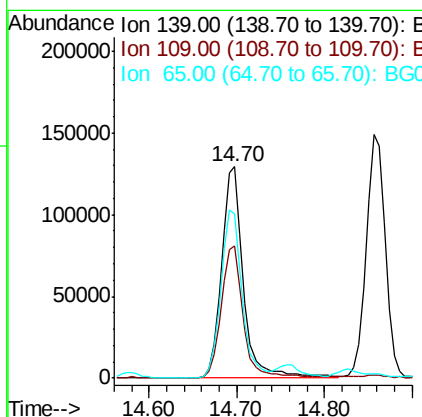
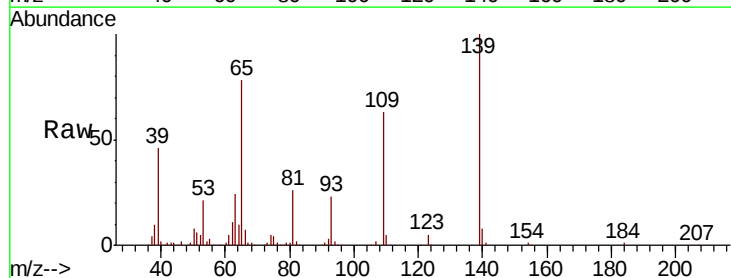
Instrument :
BNA_G
ClientSampled :

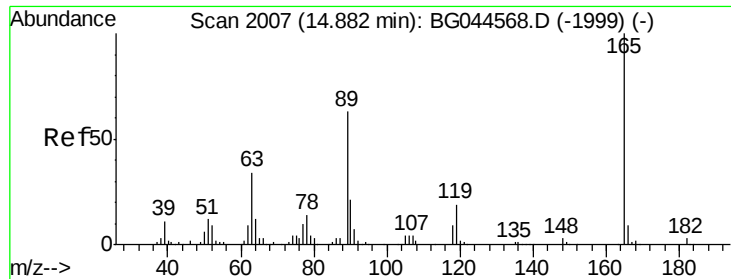
Tot Ion:168 Resp: 631116
Ion Ratio Lower Upper
168 100
139 36.6 29.2 43.8
169 15.0 11.0 16.6



#56
4-Nitrophenol
Concen: 117.327 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:139 Resp: 222929
Ion Ratio Lower Upper
139 100
109 62.8 43.8 83.8
65 77.8 63.6 103.6

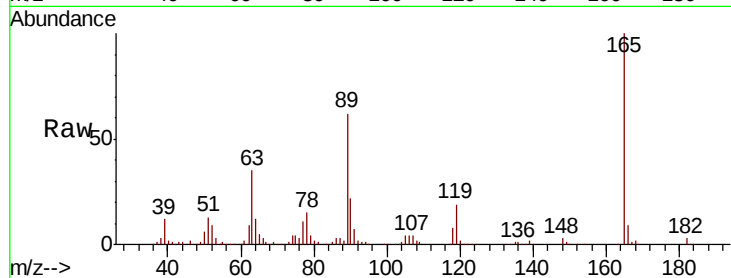




#57
2,4-Dinitrotoluene
Concen: 52.429 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	27.5	41.3
89	61.6	50.0	75.0
182	2.8	2.3	3.5

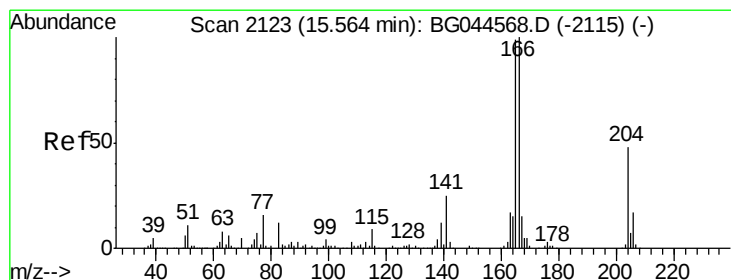
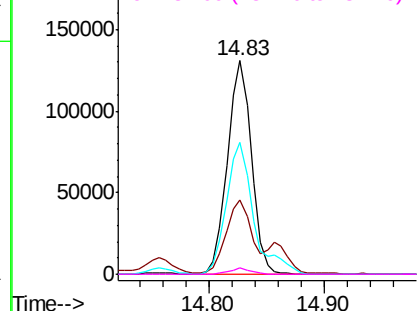
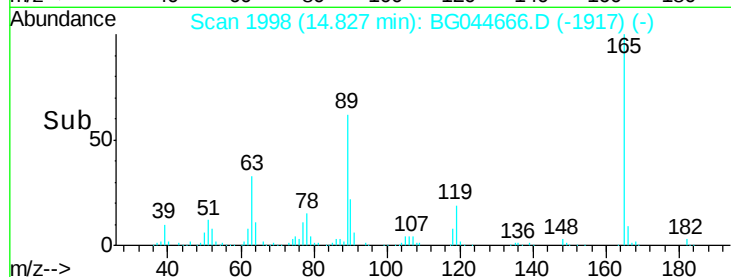


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

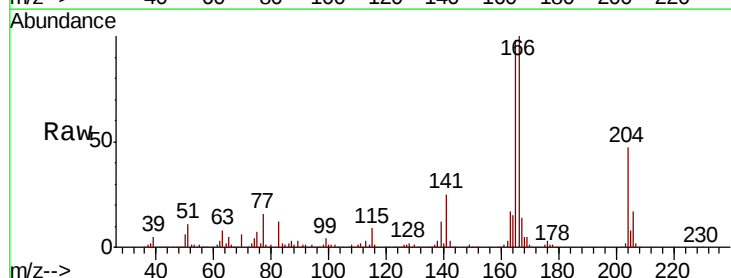
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.509 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

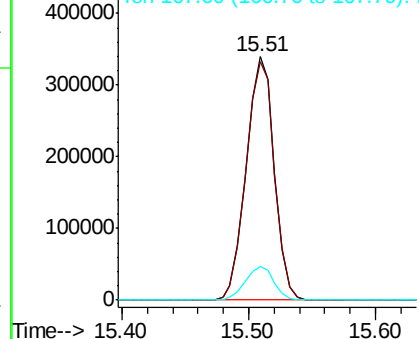
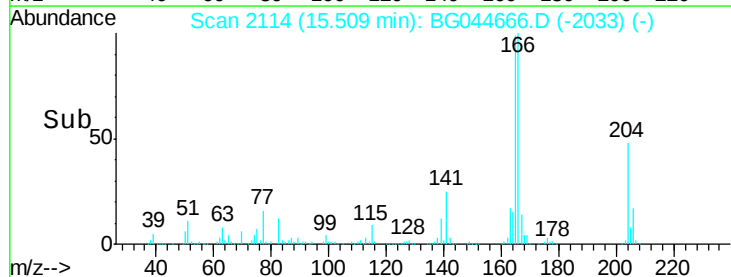
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.2	118.8
167	13.8	11.7	17.5

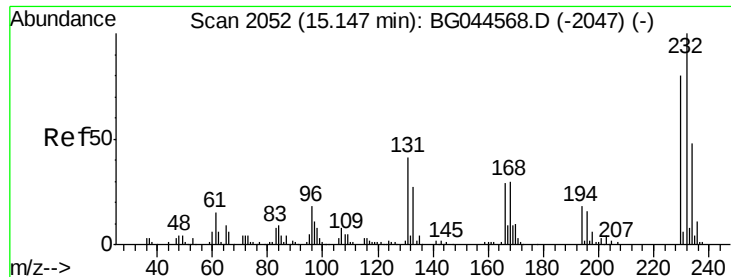


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

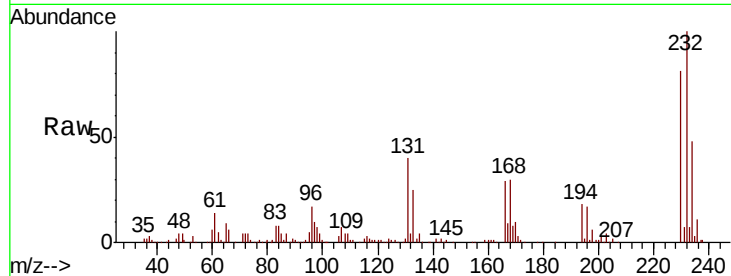




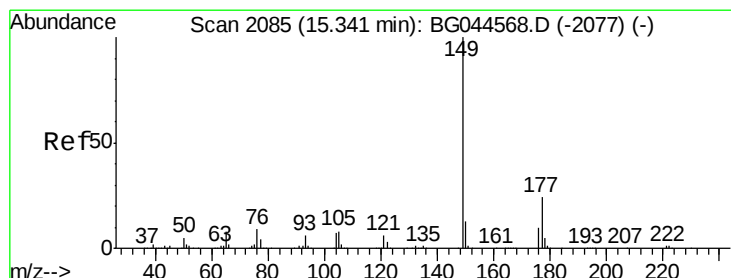
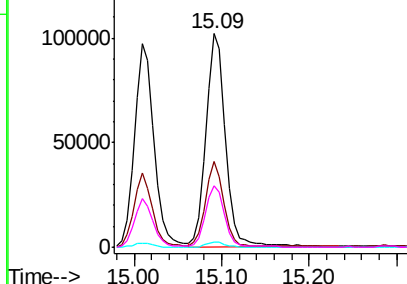
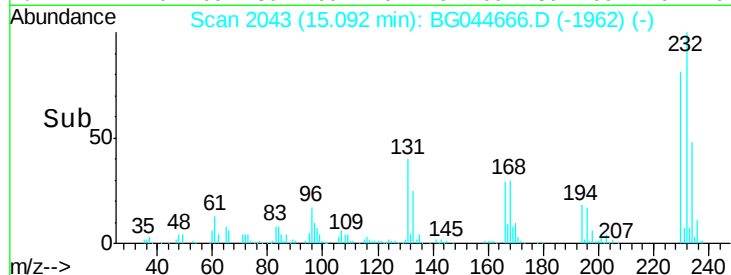
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.080 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 157923
 Ion Ratio Lower Upper
 232 100
 131 38.3 31.8 47.6
 130 2.2 1.8 2.6
 166 28.4 22.7 34.1

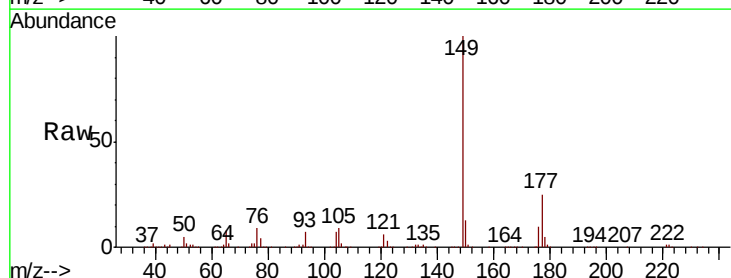


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

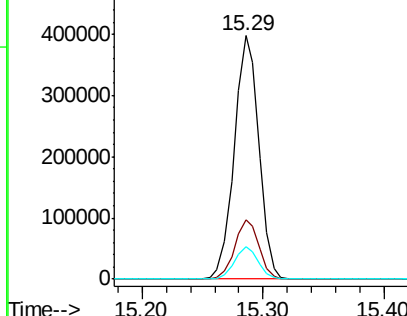
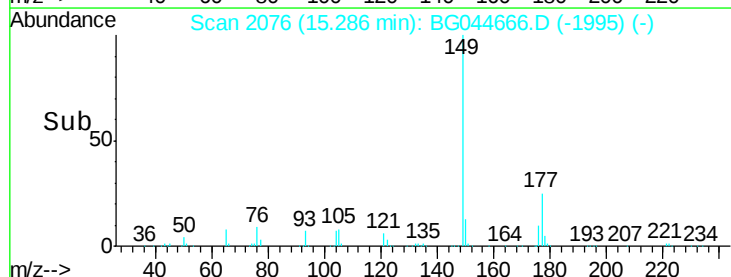


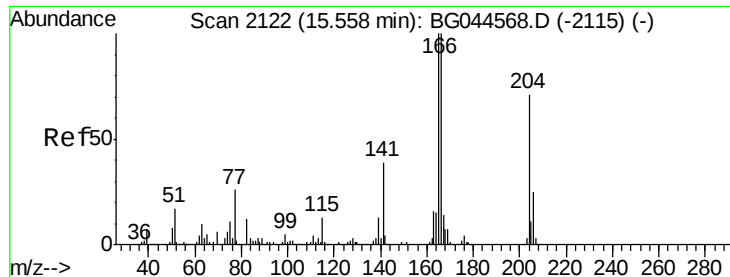
#60
 Diethylphthalate
 Concen: 48.866 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:149 Resp: 562294
 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

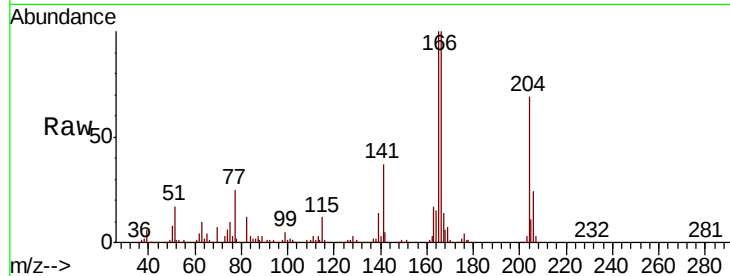




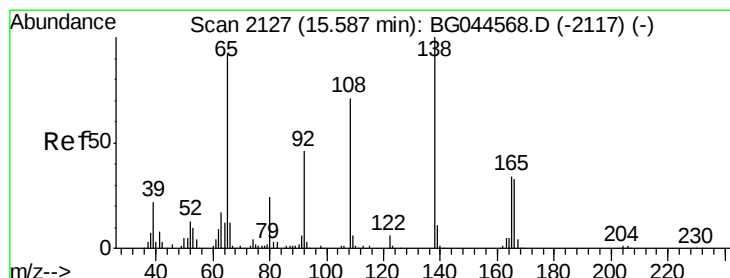
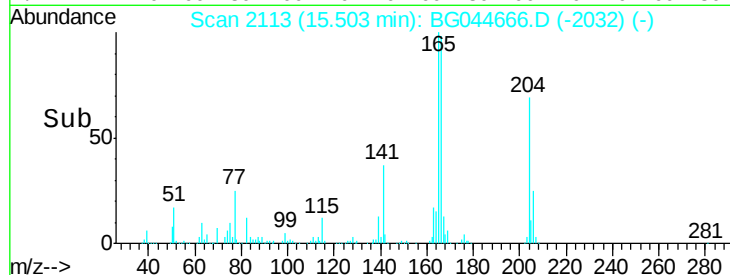
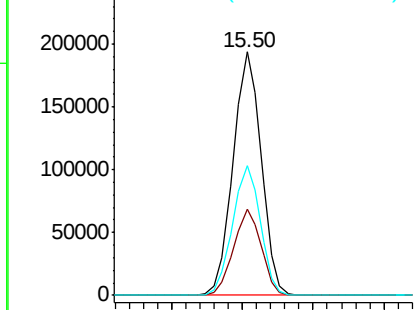
#61
4-Chlorophenyl-phenylether
Concen: 46.330 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 269020
Ion Ratio Lower Upper
204 100
206 35.6 27.8 41.8
141 53.3 43.8 65.8

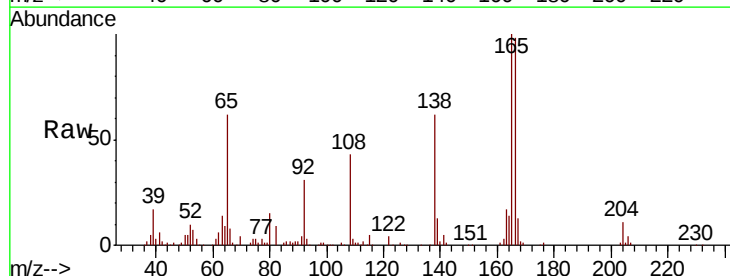


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

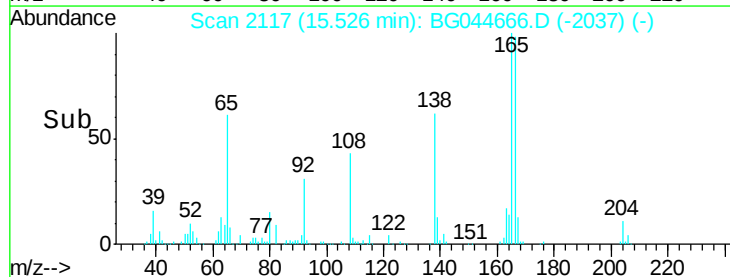
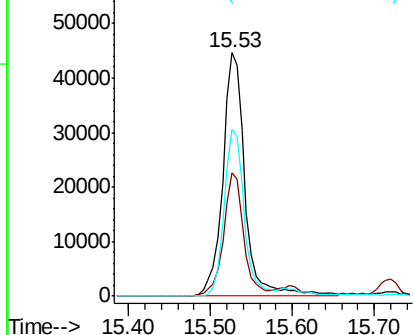


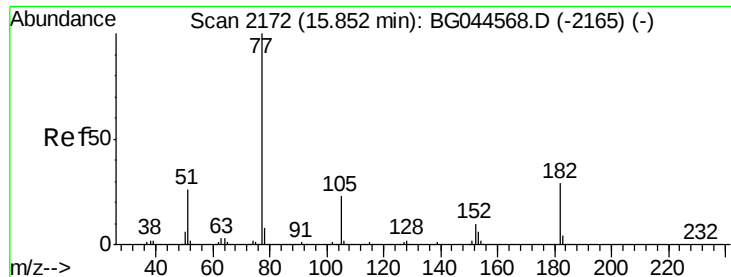
#62
4-Nitroaniline
Concen: 30.563 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:138 Resp: 84533
Ion Ratio Lower Upper
138 100
92 50.4 26.4 66.4
108 68.5 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

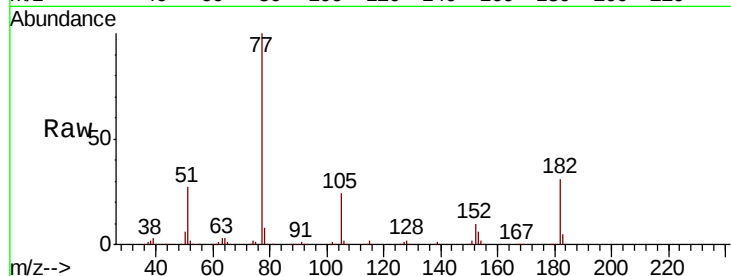




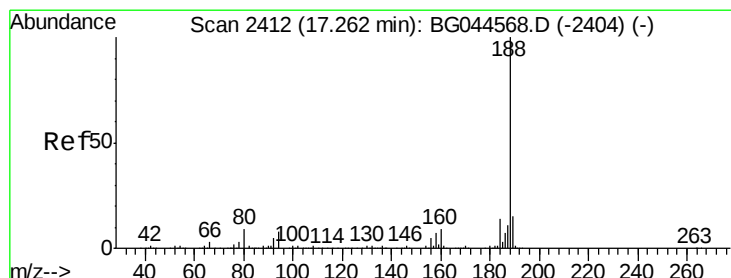
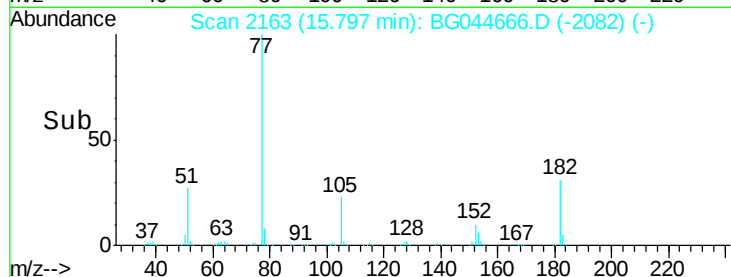
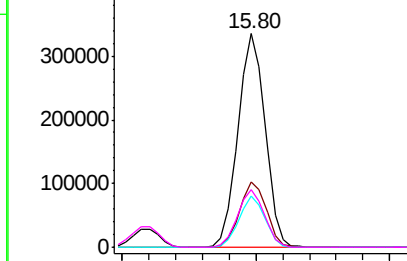
#63
Azobenzene
Concen: 48.012 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	470177
Ion	Ratio	Lower	Upper
77	100		
182	30.6	9.4	49.4
105	23.8	3.4	43.4
51	27.2	6.4	46.4

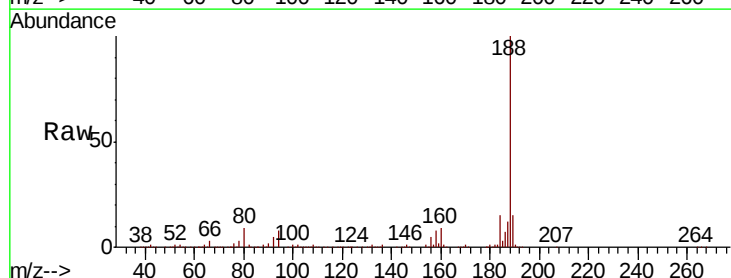


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

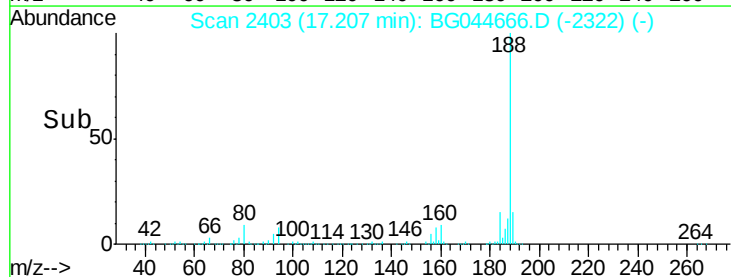
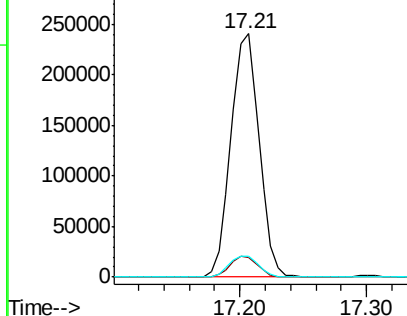


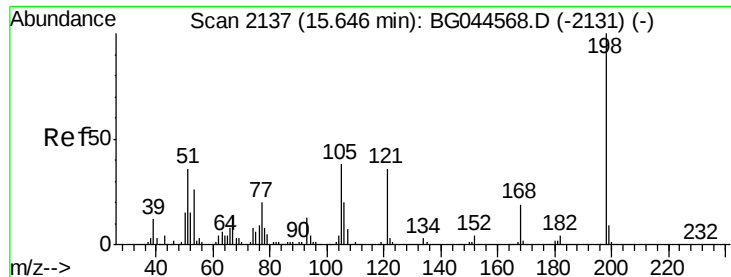
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2403
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:	188	Resp:	370787
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.8	7.6	11.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.344 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.05 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

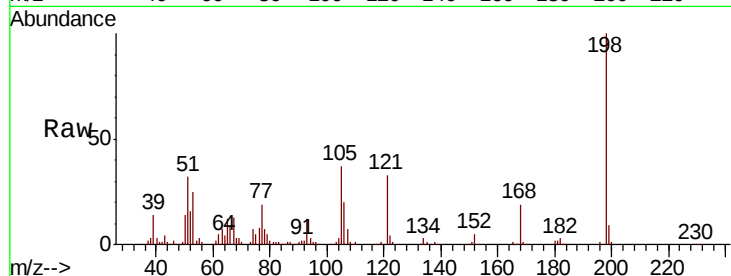
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 124768

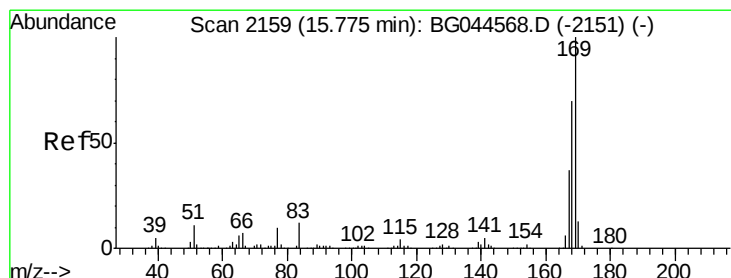
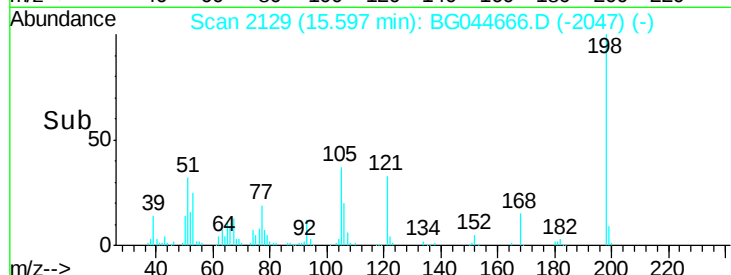
Ion	Ratio	Lower	Upper
198	100		
51	32.1	17.0	57.0
105	36.9	18.4	58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.945 ng

RT: 15.72 min Scan# 2150

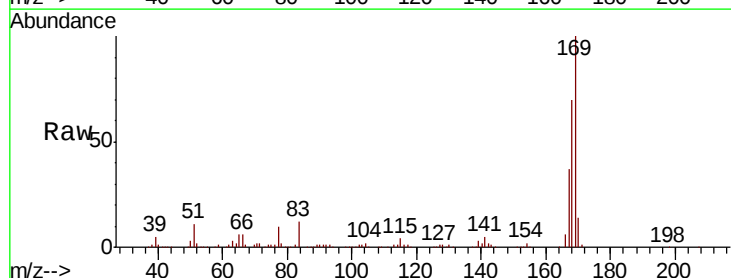
Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Tgt Ion:169 Resp: 427304

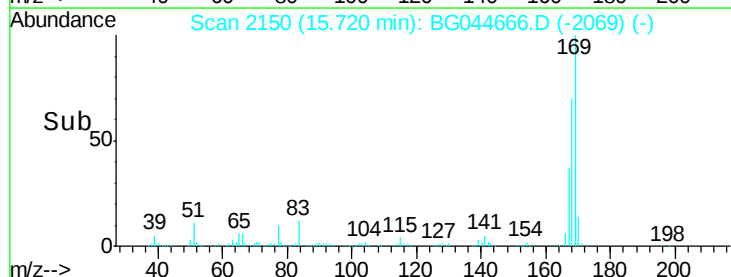
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.1	84.1
167	36.6	29.4	44.0

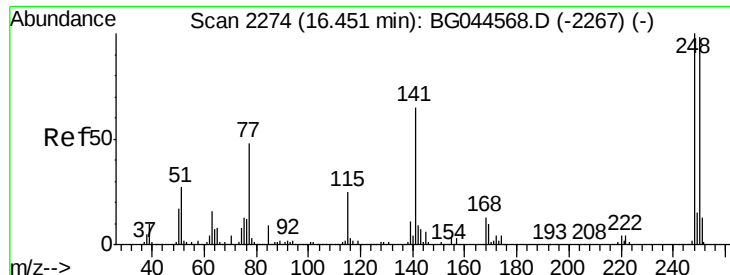


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

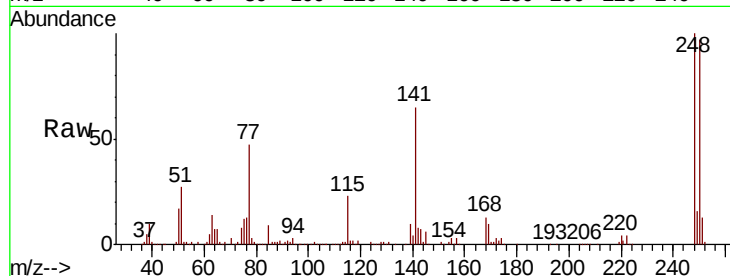




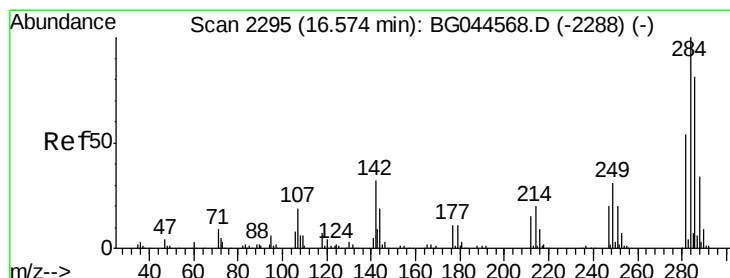
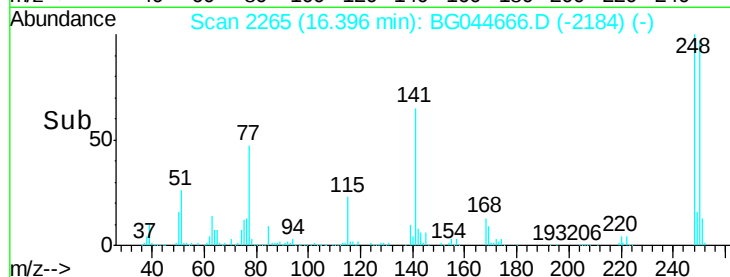
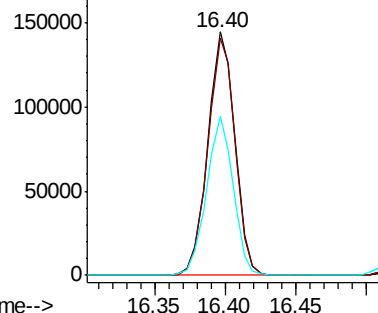
#67
 4-Bromophenyl-phenylether
 Concen: 41.835 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 192546
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.7 118.1
 141 65.5 52.3 78.5

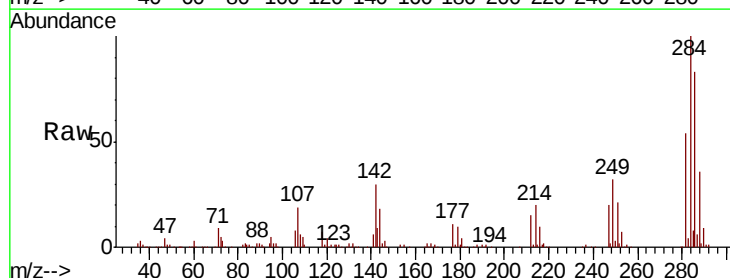


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

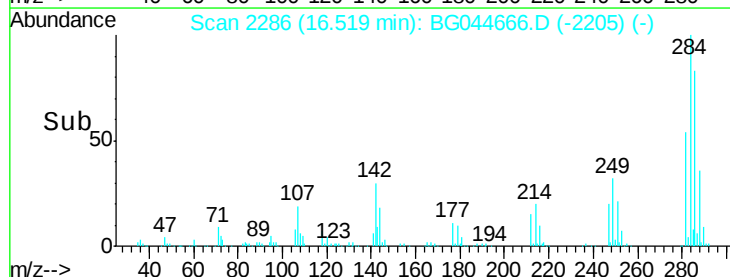
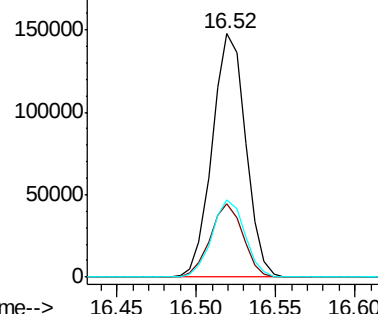


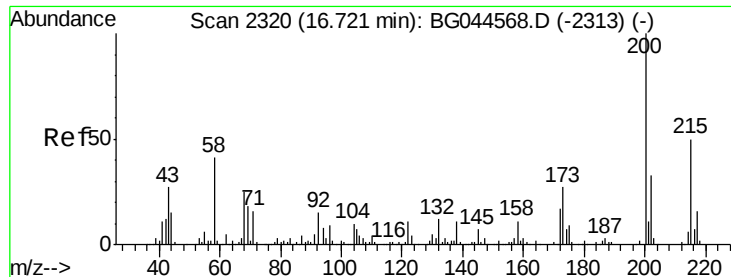
#68
 Hexachlorobenzene
 Concen: 41.471 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:284 Resp: 215801
 Ion Ratio Lower Upper
 284 100
 142 30.1 25.6 38.4
 249 31.8 24.6 36.8



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





#69

Atrazine

Concen: 12.338 ng

RT: 16.67 min Scan# 2311

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

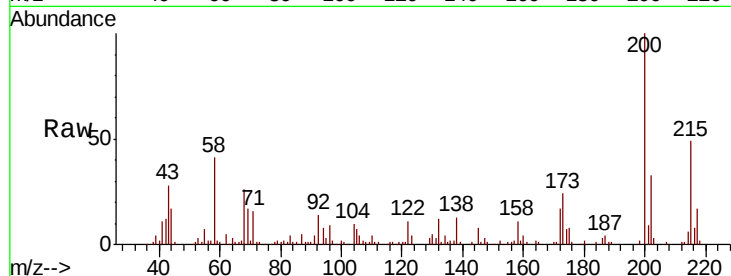
Tot Ion:200 Resp: 52753

Ion Ratio Lower Upper

200 100

173 24.3 6.6 46.6

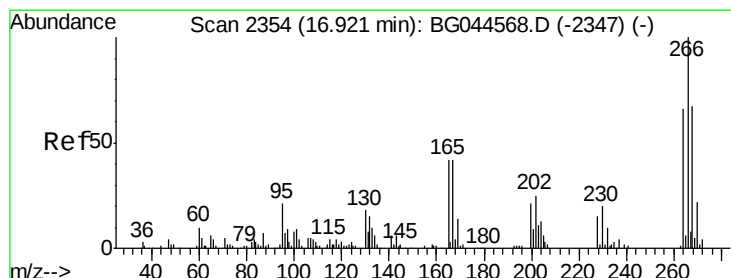
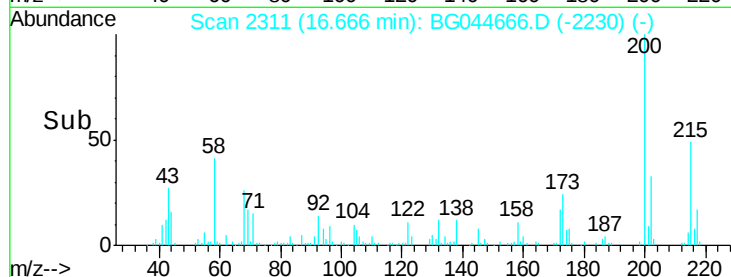
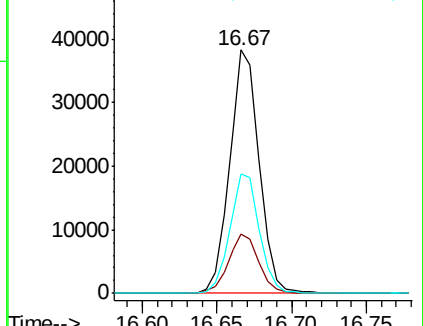
215 49.2 30.3 70.3



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: 96.407 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.05 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

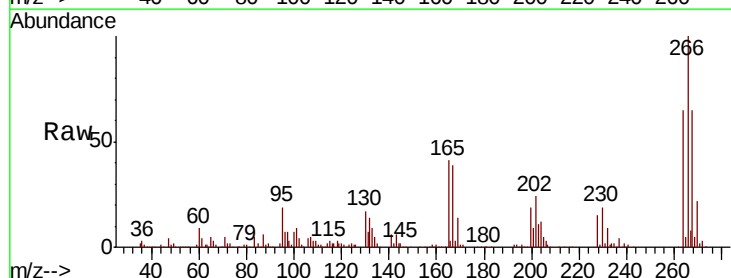
Tgt Ion:266 Resp: 249658

Ion Ratio Lower Upper

266 100

268 65.5 53.4 80.0

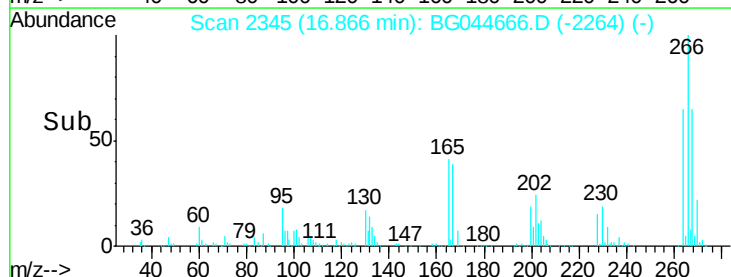
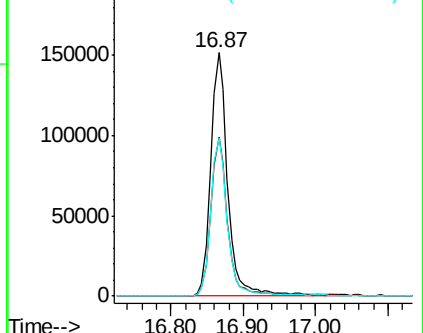
264 65.0 53.0 79.4

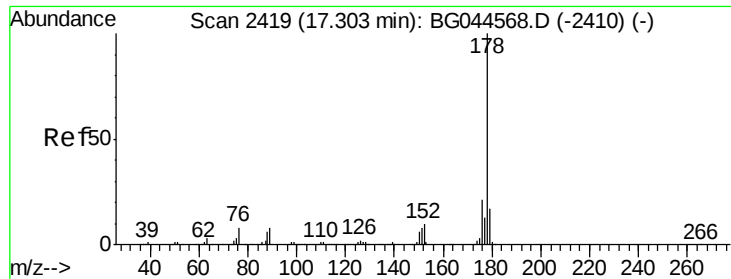


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

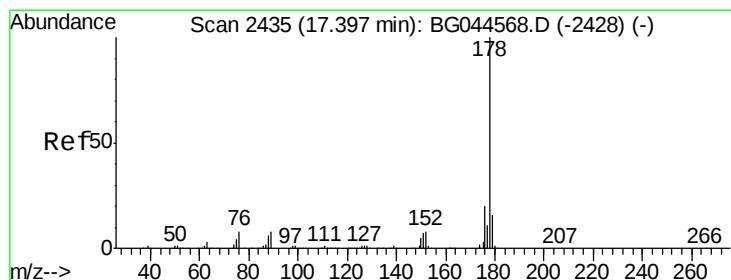
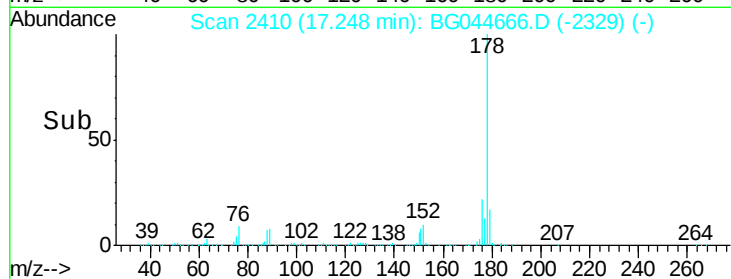
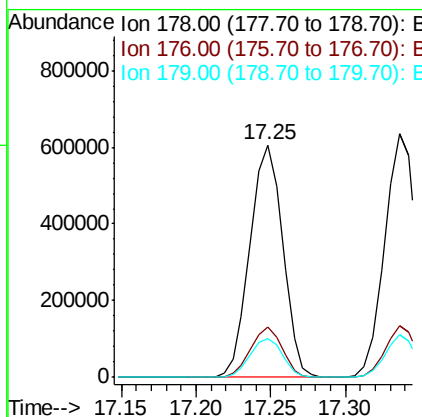
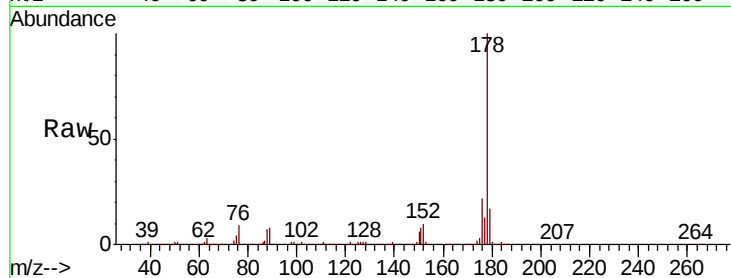




#71
Phenanthrene
Concen: 44.986 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

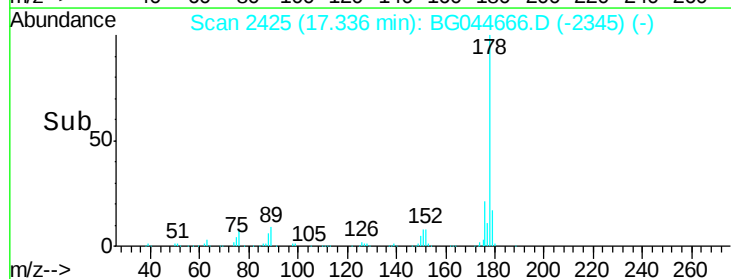
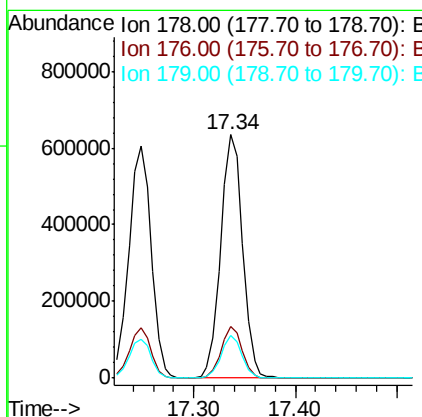
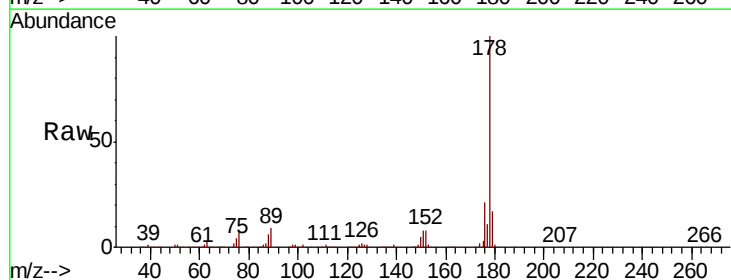
Instrument :
BNA_G
ClientSampleId :

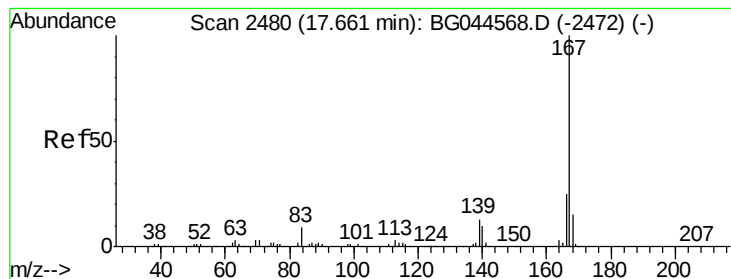
Tot Ion:178 Resp: 923467
Ion Ratio Lower Upper
178 100
176 21.7 16.6 25.0
179 17.0 13.3 19.9



#72
Anthracene
Concen: 47.016 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:178 Resp: 951123
Ion Ratio Lower Upper
178 100
176 21.3 15.9 23.9
179 17.3 13.1 19.7





#73

Carbazole

Concen: 36.409 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampled :

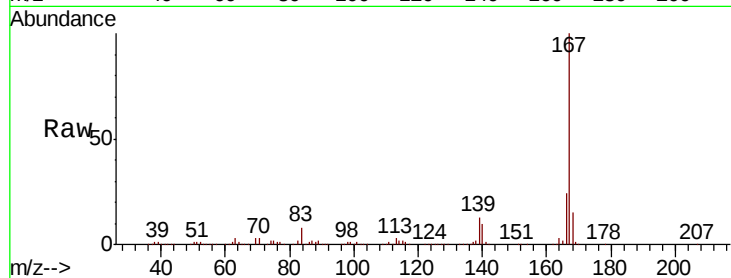
Tot Ion:167 Resp: 670436

Ion Ratio Lower Upper

167 100

166 24.1 19.7 29.5

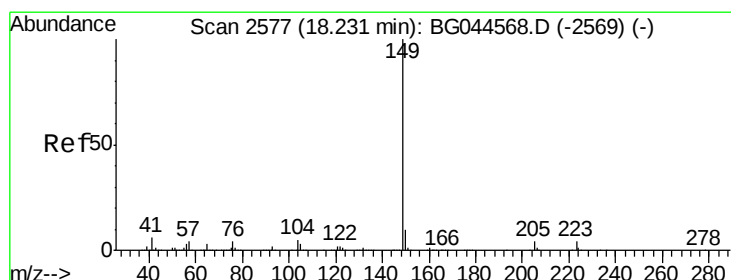
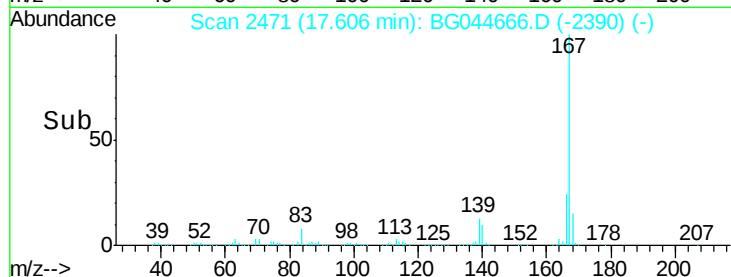
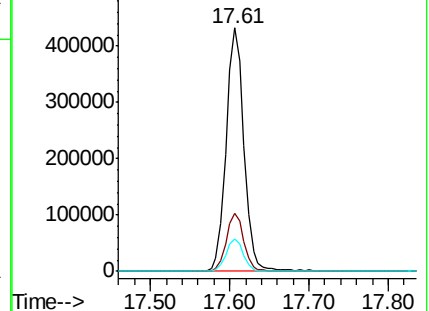
139 13.1 10.6 15.8



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: 45.329 ng

RT: 18.18 min Scan# 2568

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

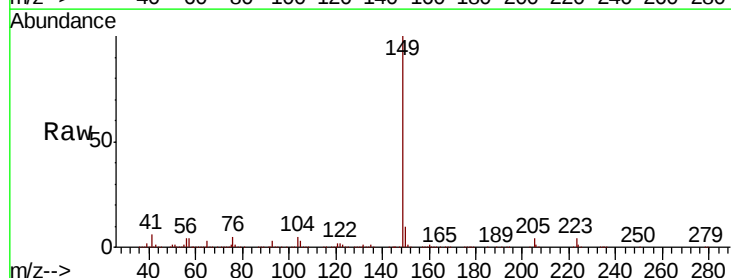
Tgt Ion:149 Resp: 1045952

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.8

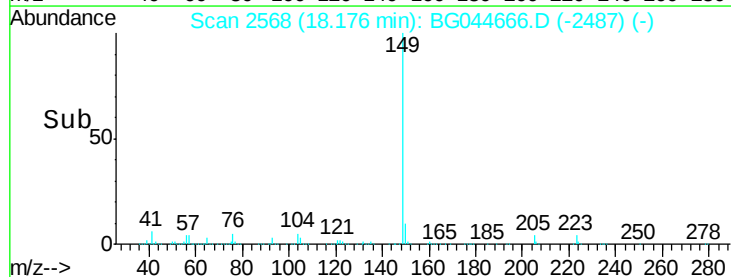
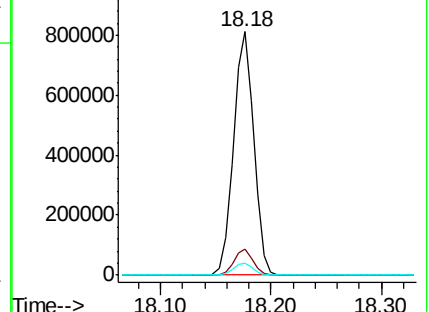
104 5.0 4.0 6.0

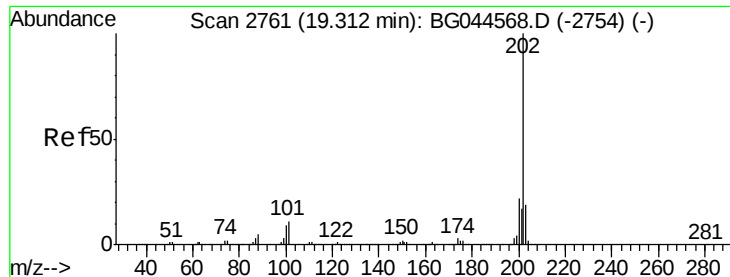


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.836 ng

RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

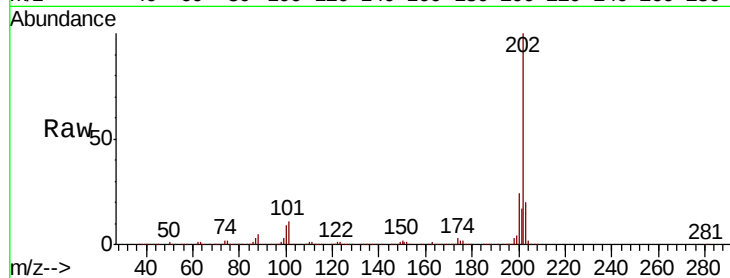
Tot Ion:202 Resp: 1138147

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.0

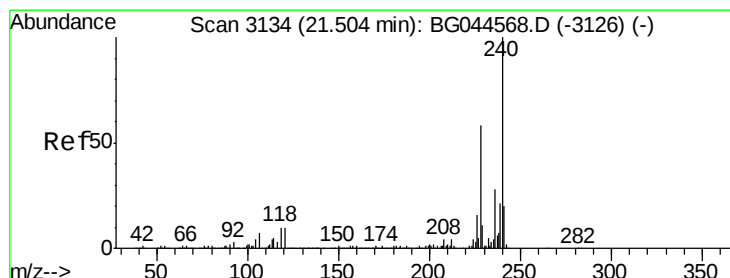
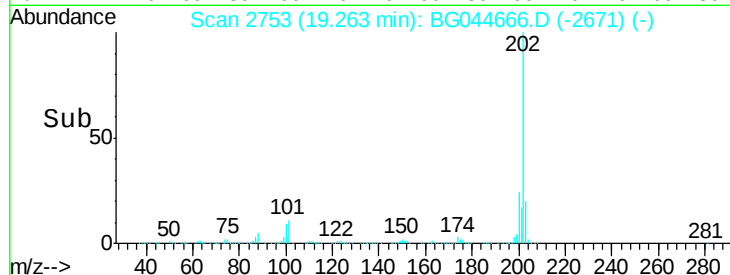
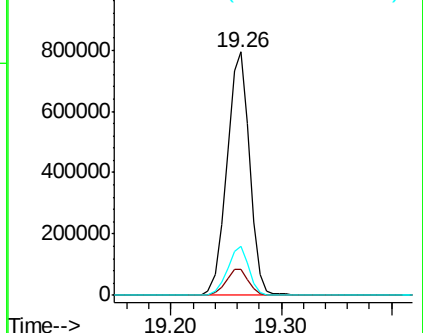
203 20.0 0.0 39.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

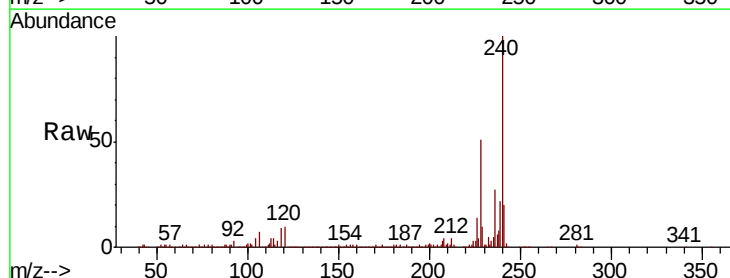
Tgt Ion:240 Resp: 362209

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

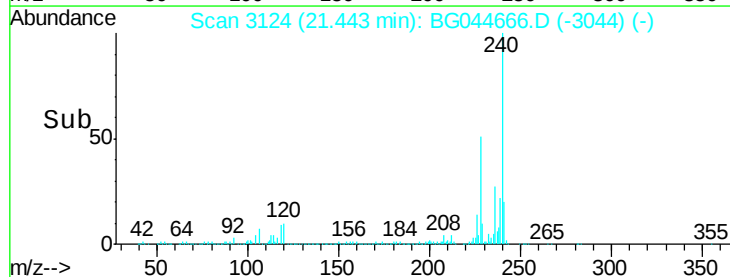
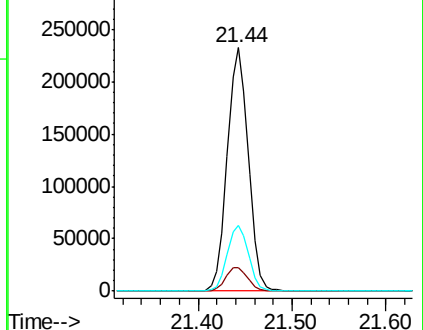
236 27.2 22.3 33.5

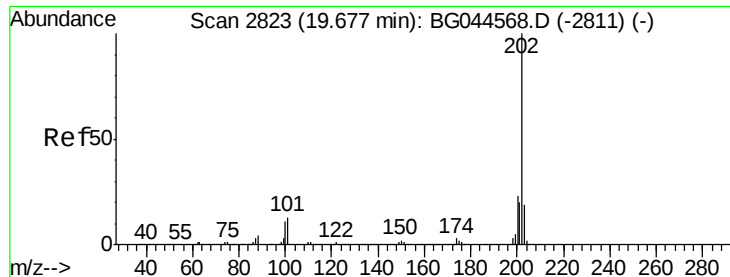


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

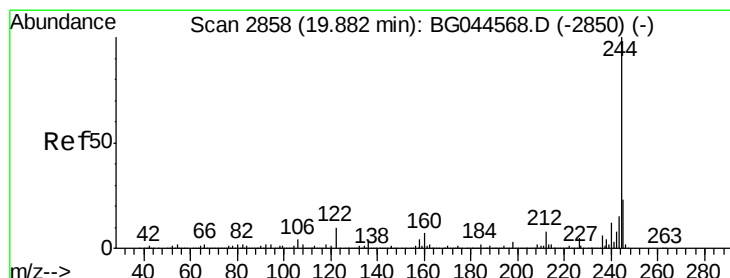
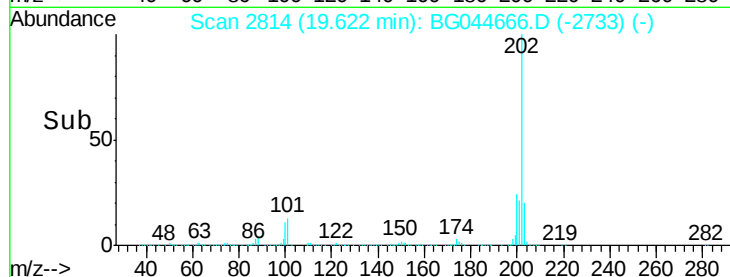
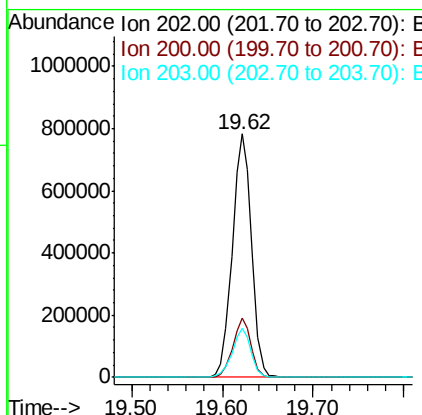
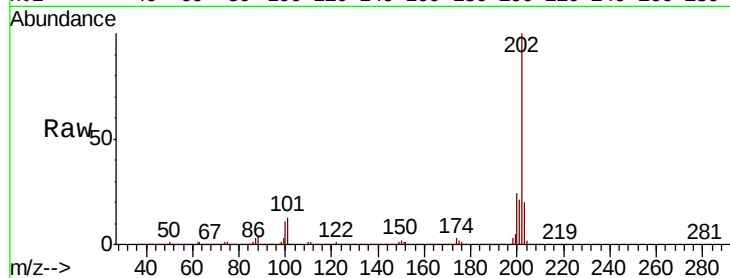




#78
Pvrene
Concen: 43.967 ng
RT: 19.62 min Scan# 2814
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

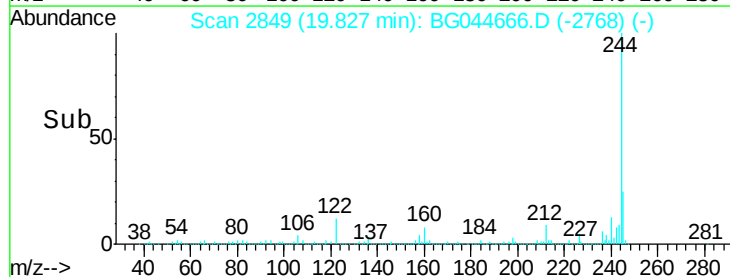
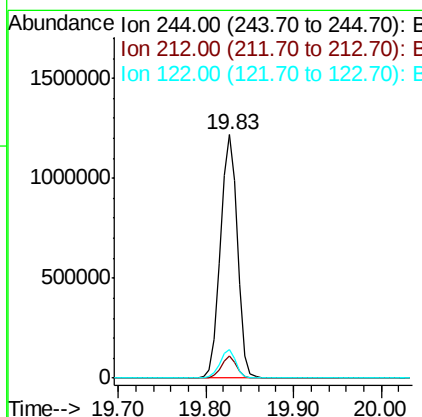
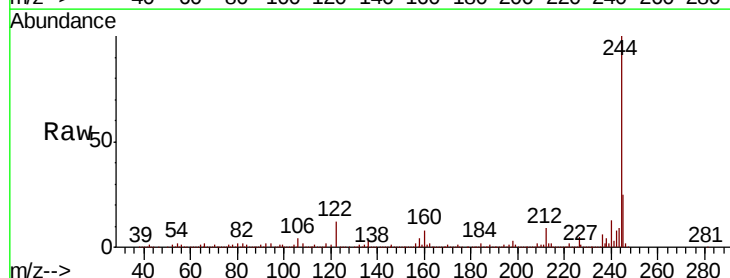
Instrument :
BNA_G
ClientSampleId :

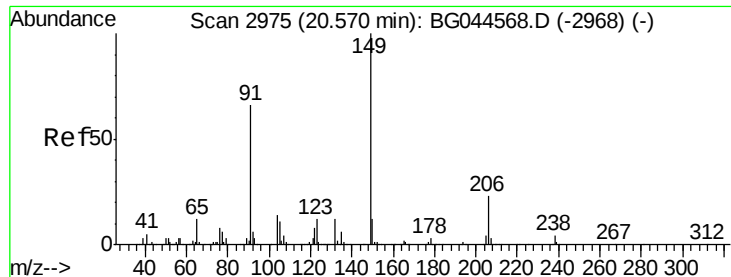
Tot Ion:202 Resp: 1156027
Ion Ratio Lower Upper
202 100
200 24.2 18.6 28.0
203 20.1 15.3 22.9



#79
Terphenyl-d14
Concen: 86.313 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:244 Resp: 1651461
Ion Ratio Lower Upper
244 100
212 9.1 6.5 9.7
122 11.7 8.2 12.4

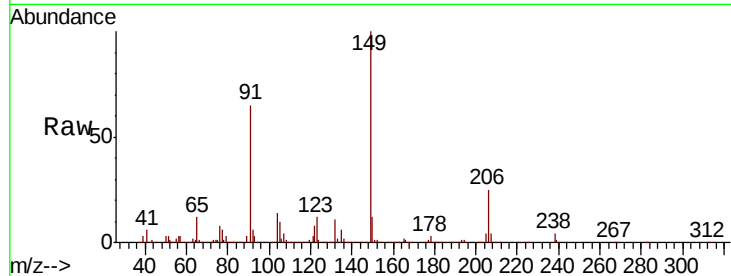




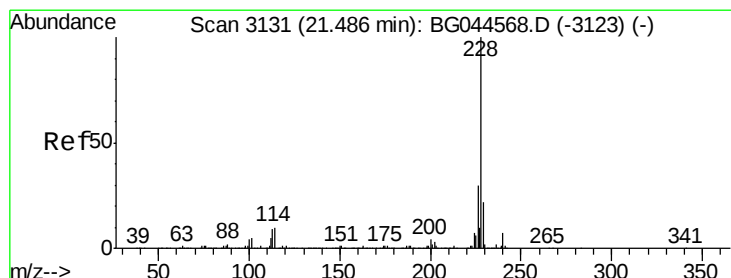
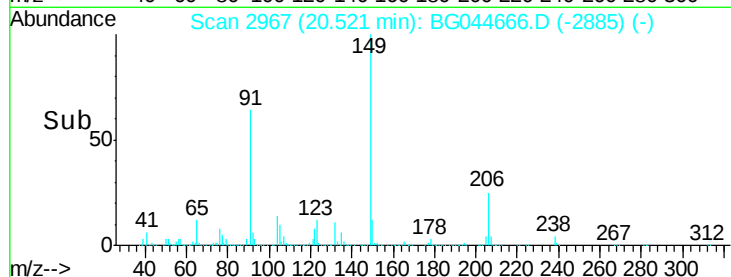
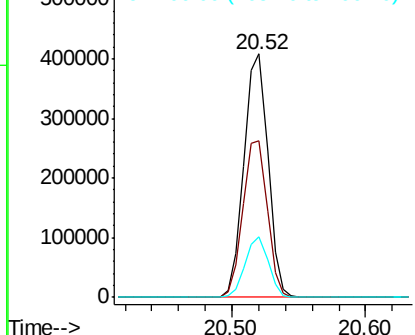
#80
Butylbenzylphthalate
Concen: 44.026 ng
RT: 20.52 min Scan# 2967
Delta R.T. -0.05 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 506341
Ion Ratio Lower Upper
149 100
91 64.5 52.7 79.1
206 25.0 18.6 28.0

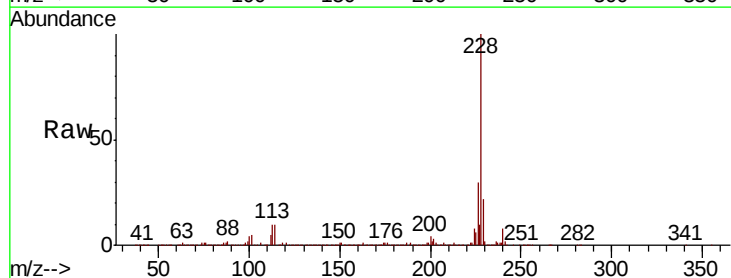


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

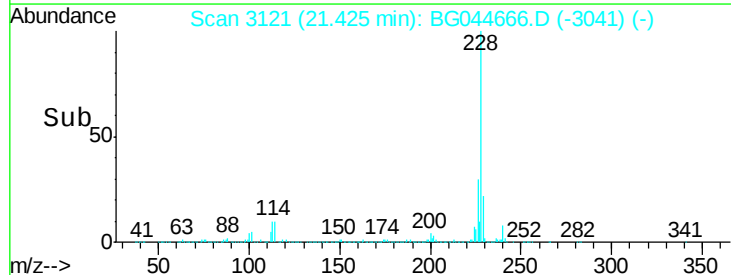
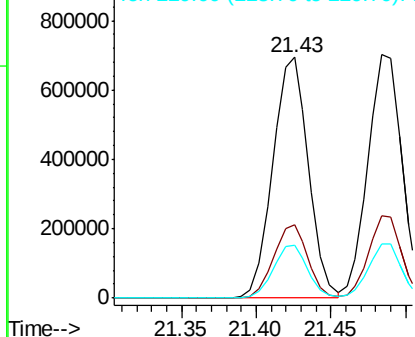


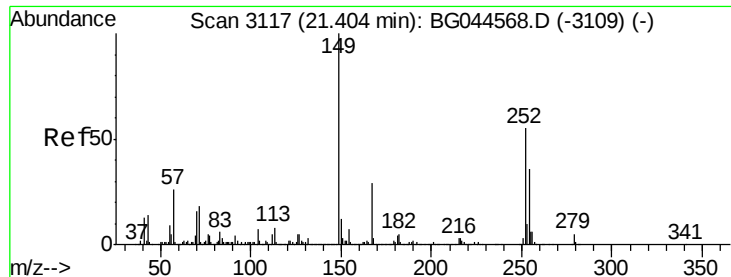
#81
Benzo(a)anthracene
Concen: 45.247 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.06 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:228 Resp: 1151866
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 22.0 17.2 25.8



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

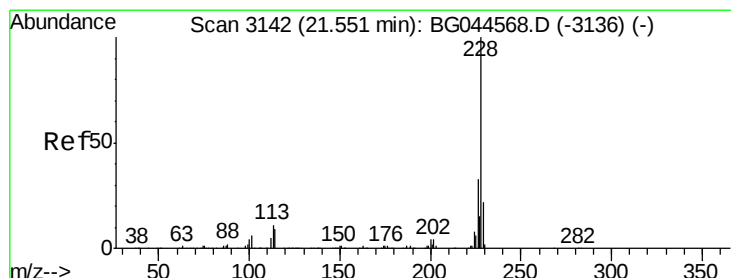
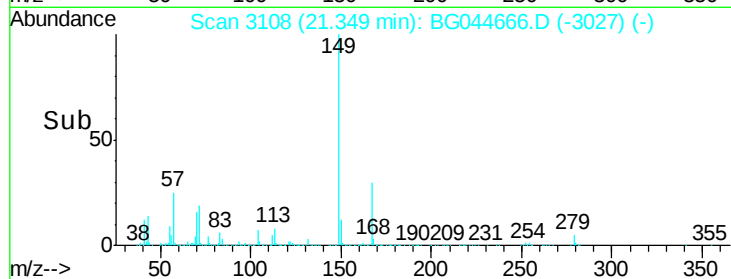
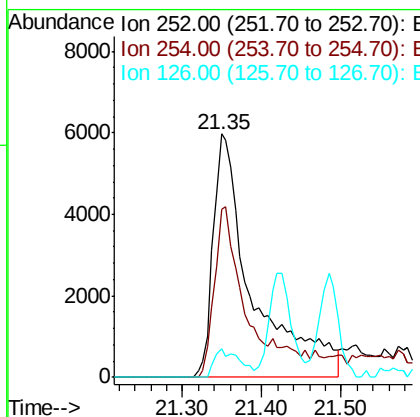
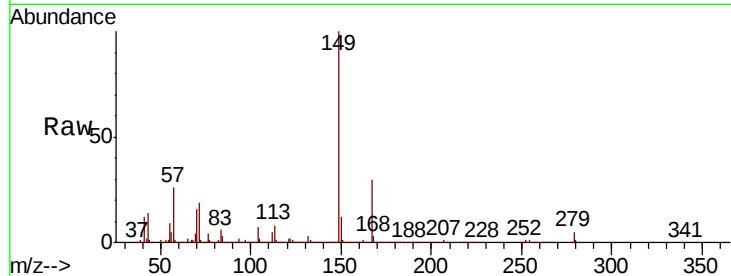




#82
 3,3'-Dichlorobenzidine
 Concen: 2.051 ng
 RT: 21.35 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

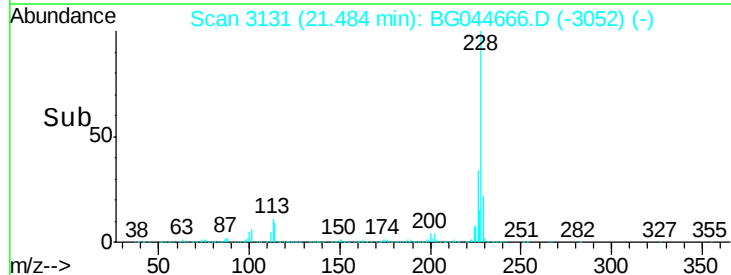
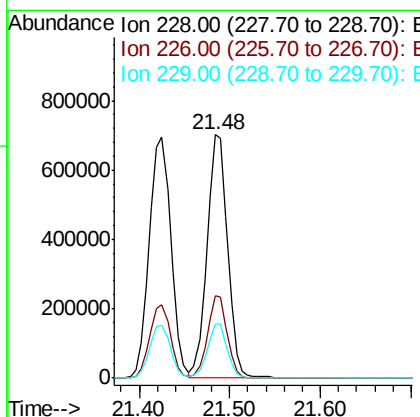
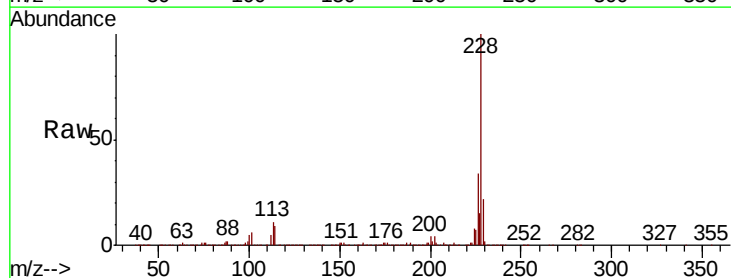
Instrument :
 BNA_G
 ClientSampleId :

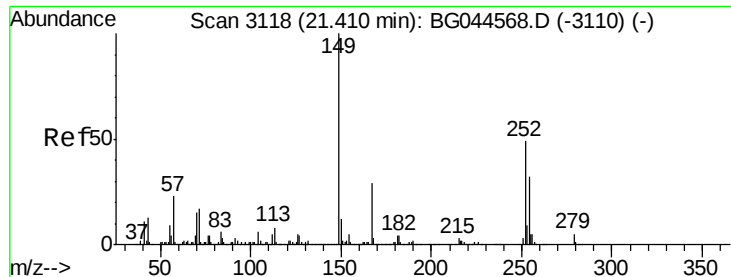
Tot Ion:252 Resp: 20623
 Ion Ratio Lower Upper
 252 100
 254 69.0 51.5 77.3
 126 11.6 7.8 11.6



#83
 Chrysene
 Concen: 44.941 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.07 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:228 Resp: 1106155
 Ion Ratio Lower Upper
 228 100
 226 33.7 26.1 39.1
 229 22.4 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.242 ng

RT: 21.35 min Scan# 3108

Delta R.T. -0.06 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

Instrument :

BNA_G

ClientSampleId :

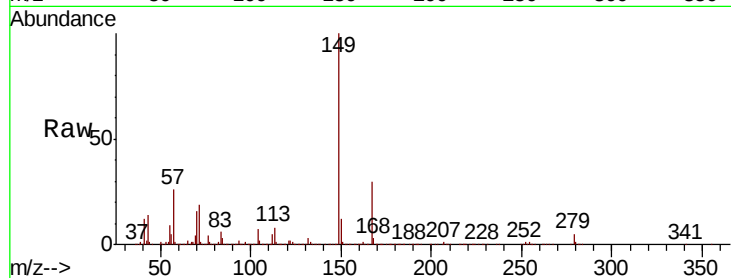
Tot Ion:149 Resp: 732811

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

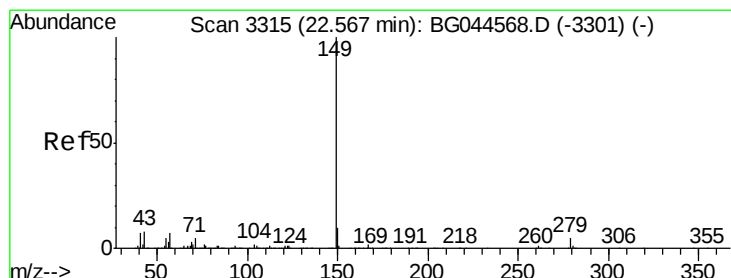
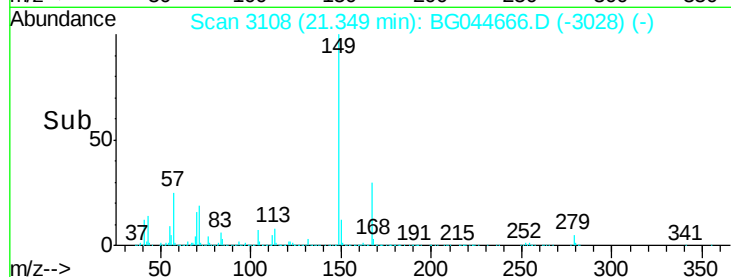
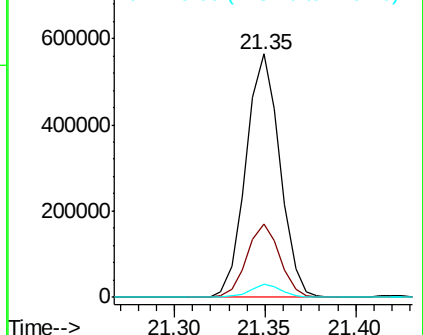
279 5.2 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.130 ng

RT: 22.49 min Scan# 3302

Delta R.T. -0.08 min

Lab File: BG044666.D

Acq: 3 Mar 2020 17:31

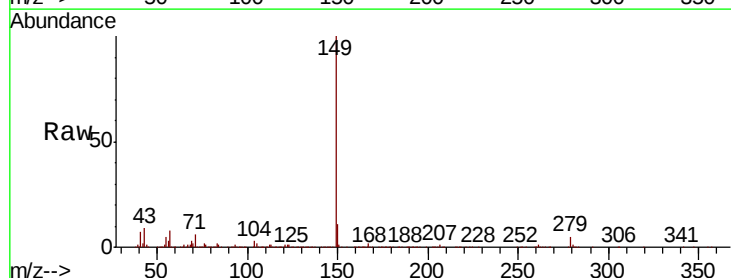
Tgt Ion:149 Resp: 1230410

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

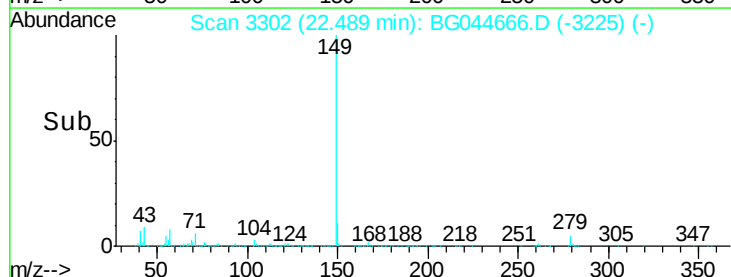
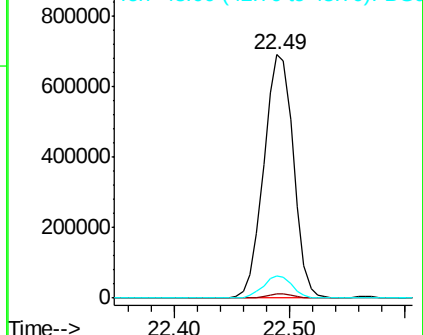
43 8.8 6.6 10.0

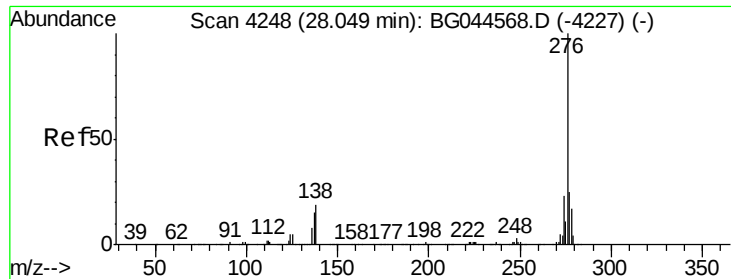


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

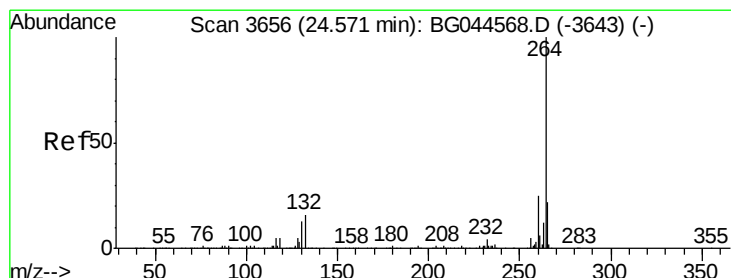
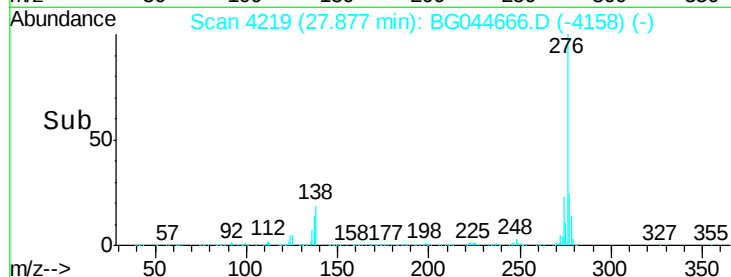
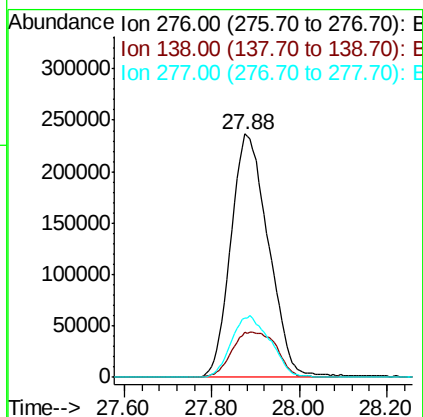
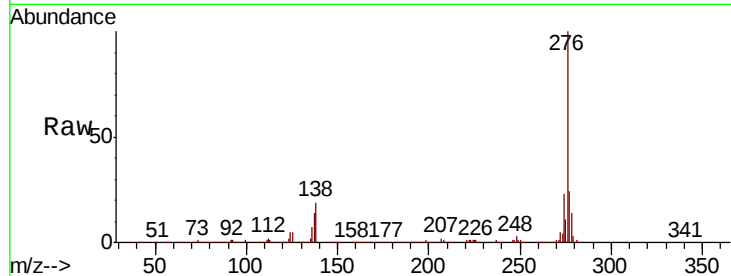




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.758 ng
 RT: 27.88 min Scan# 4219
 Delta R.T. -0.17 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

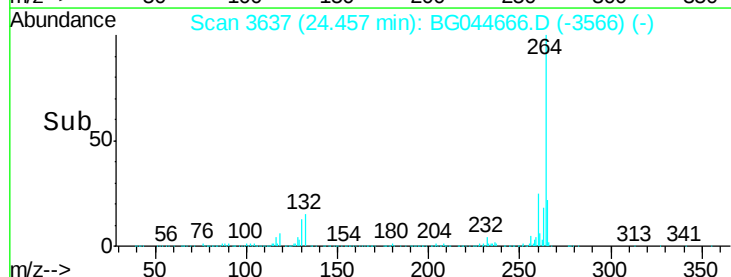
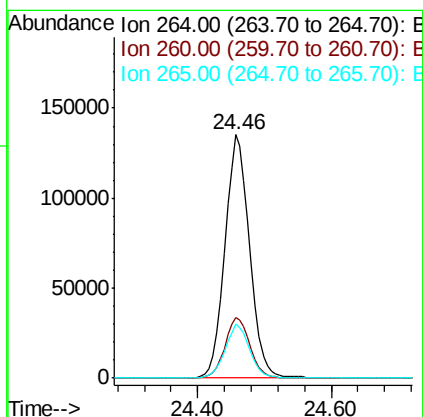
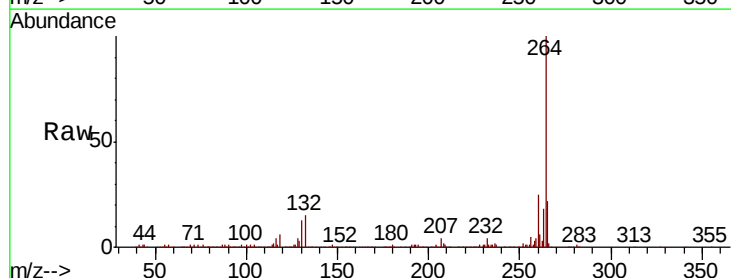
Instrument :
 BNA_G
 ClientSampleId :

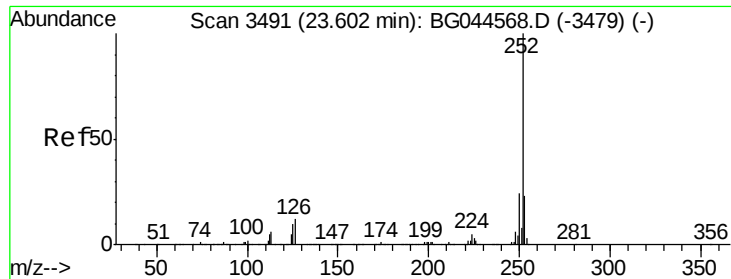
Tot Ion:276 Resp: 1382216
 Ion Ratio Lower Upper
 276 100
 138 22.3 18.2 27.4
 277 26.2 20.7 31.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.46 min Scan# 3637
 Delta R.T. -0.11 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Tgt Ion:264 Resp: 350761
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 22.3 17.8 26.8

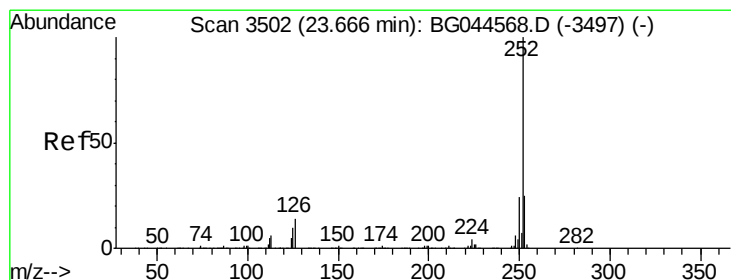
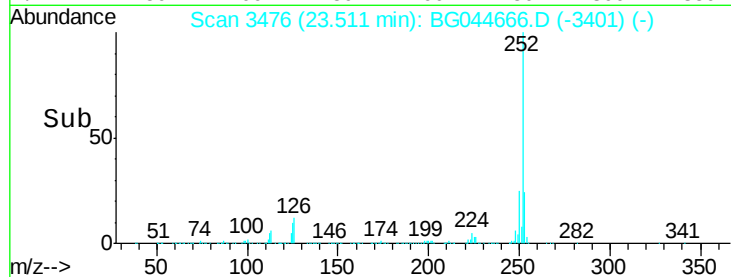
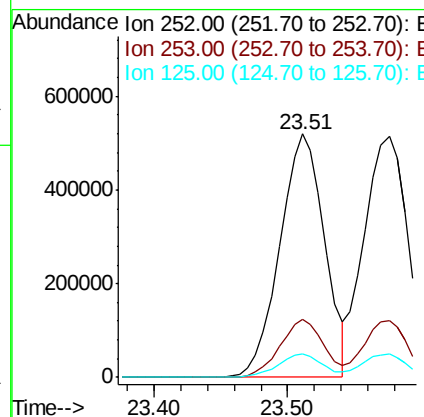
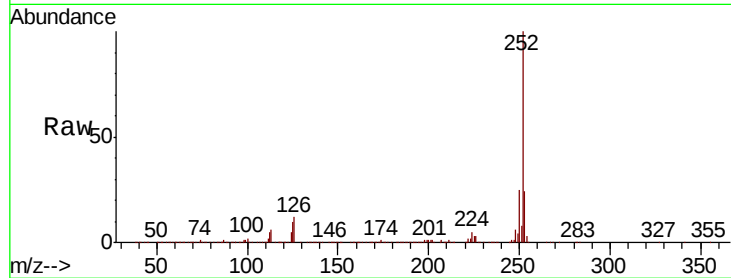




#88
Benzo(b)fluoranthene
Concen: 52.187 ng
RT: 23.51 min Scan# 3476
Delta R.T. -0.09 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

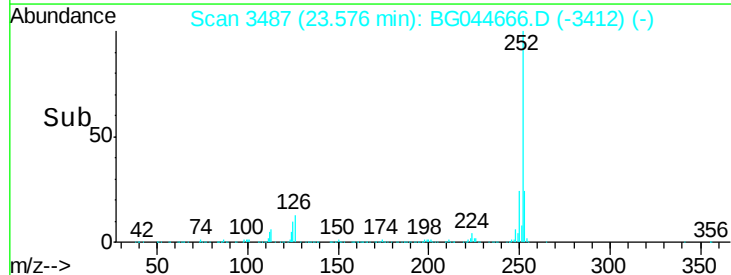
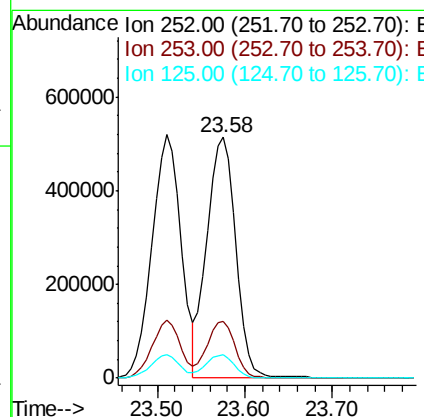
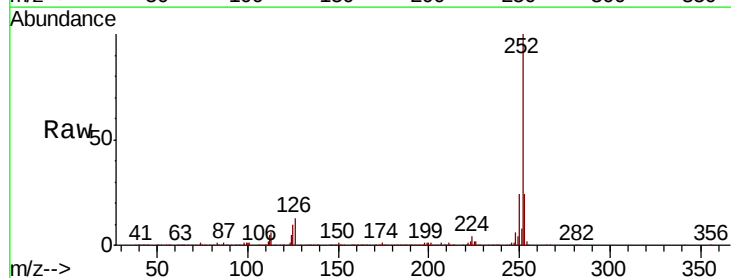
Instrument :
BNA_G
ClientSampleId :

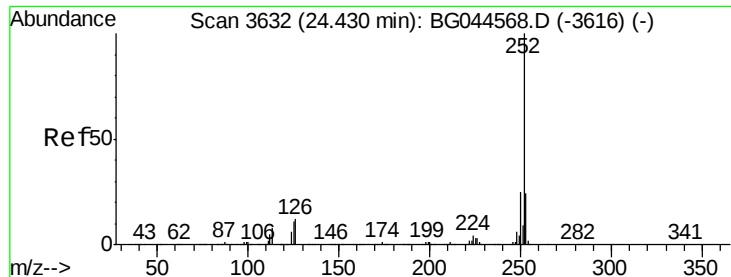
Tot Ion:252 Resp: 1203544
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 9.6 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 52.787 ng
RT: 23.58 min Scan# 3487
Delta R.T. -0.09 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:252 Resp: 1181189
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 9.7 7.8 11.8

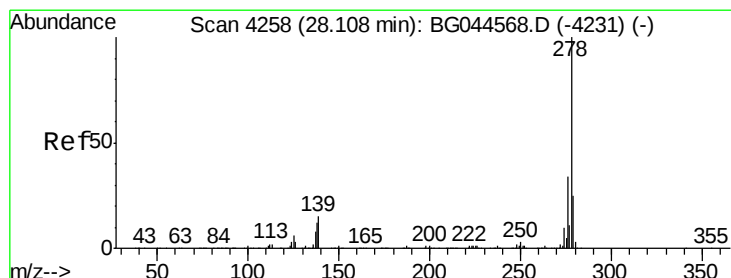
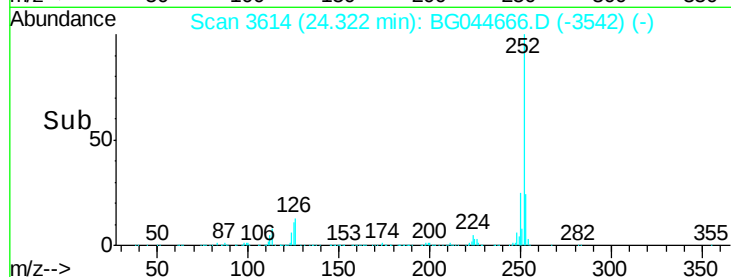
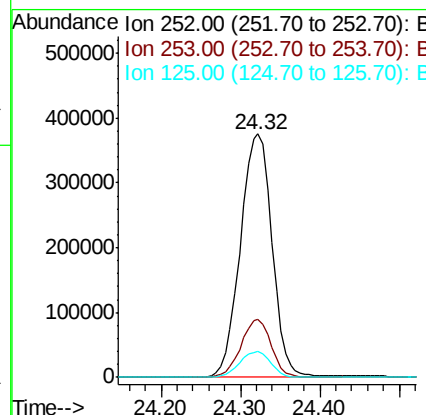
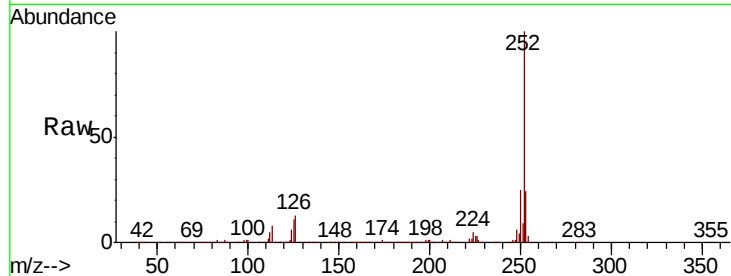




#90
Benzo(a)pyrene
Concen: 48.005 ng
RT: 24.32 min Scan# 3614
Delta R.T. -0.11 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

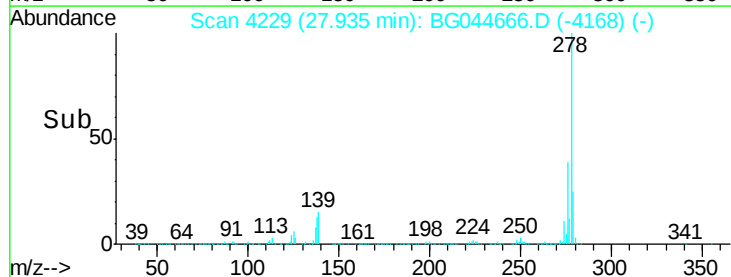
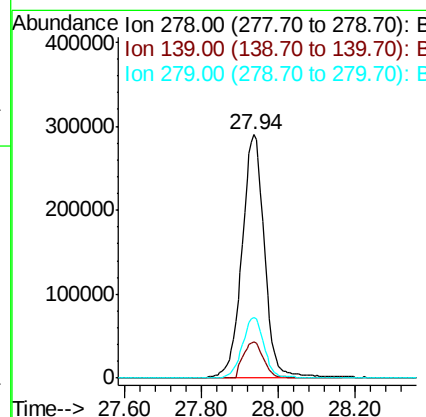
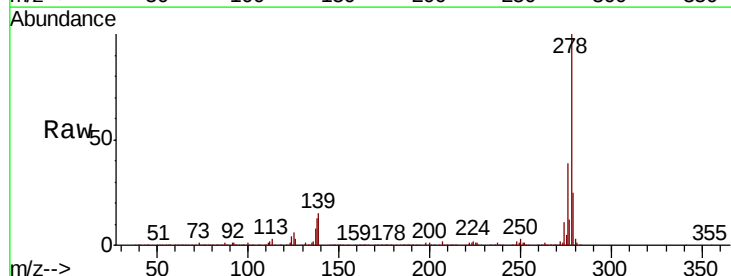
Instrument :
BNA_G
ClientSampleId :

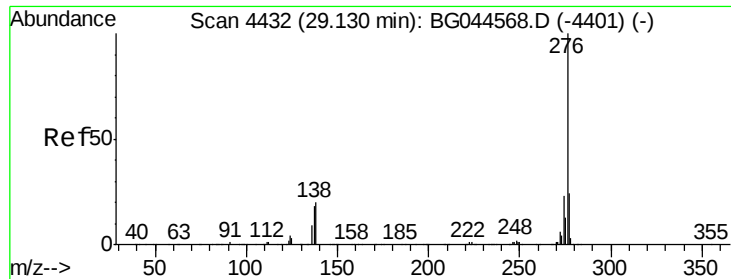
Tot Ion:252 Resp: 1040160
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.4
125 10.9 8.5 12.7



#91
Dibenzo(a,h)anthracene
Concen: 55.178 ng
RT: 27.94 min Scan# 4229
Delta R.T. -0.17 min
Lab File: BG044666.D
Acq: 3 Mar 2020 17:31

Tgt Ion:278 Resp: 1182428
Ion Ratio Lower Upper
278 100
139 14.9 11.7 17.5
279 25.1 19.8 29.6





#92
 Benzo(a,h,i)perylene
 Concen: 52.969 ng
 RT: 28.95 min Scan# 4402
 Delta R.T. -0.18 min
 Lab File: BG044666.D
 Acq: 3 Mar 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1137250
 Ion Ratio Lower Upper
 276 100
 277 25.1 19.5 29.3
 138 19.1 16.1 24.1

