

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044613.D
 Acq On : 26 Feb 2020 21:23
 Operator : CG/JU
 Sample : L1367-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 27 06:45:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62710	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	258208	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	174020	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	412997	20.00	ng	0.00
76) Chrysene-d12	21.50	240	415021	20.00	ng	0.00
87) Perylene-d12	24.57	264	445921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	482261	123.39	ng	0.00
7) Phenol-d6	7.05	99	590752	110.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	414748	82.75	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	323690	131.18	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	963948	79.32	ng	0.00
79) Terphenyl-d14	19.88	244	1751564	79.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	61046	35.793	ng	# 42
3) Pyridine	3.74	79	124877	26.240	ng	97
4) n-Nitrosodimethylamine	3.65	42	77988	43.147	ng	97
6) Aniline	7.20	93	149848	23.005	ng	99
8) 2-Chlorophenol	7.44	128	201895	47.321	ng	100
9) Benzaldehyde	7.01	77	72829	23.150	ng	96
10) Phenol	7.08	94	212342	40.957	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	185092	42.468	ng	98
12) 1,3-Dichlorobenzene	7.76	146	210348	41.336	ng	98
13) 1,4-Dichlorobenzene	7.91	146	209280	40.922	ng	98
14) 1,2-Dichlorobenzene	8.23	146	201067	41.342	ng	98
15) Benzyl Alcohol	8.12	79	166160	46.052	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	240470	41.053	ng	98
17) 2-Methylphenol	8.33	107	163029	44.017	ng	97
18) Hexachloroethane	8.96	117	75782	40.547	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	148061	43.055	ng	99
20) 3+4-Methylphenols	8.66	107	224871	44.347	ng	99
22) Acetophenone	8.69	105	279858	43.170	ng	# 99
24) Nitrobenzene	9.07	77	209215	43.087	ng	99
25) Isophorone	9.60	82	411933	43.935	ng	98
26) 2-Nitrophenol	9.79	139	115875	44.003	ng	95
27) 2,4-Dimethylphenol	9.86	122	194010	52.471	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	256960	41.443	ng	99
29) 2,4-Dichlorophenol	10.33	162	203140	45.954	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	204895	40.079	ng	98
31) Naphthalene	10.72	128	597302	42.394	ng	99
32) Benzoic acid	10.03	122	58415	45.098	ng	92
33) 4-Chloroaniline	10.84	127	37607	6.060	ng	97
34) Hexachlorobutadiene	11.02	225	123315	38.409	ng	97
35) Caprolactam	11.61	113	28099	17.756	ng	91
36) 4-Chloro-3-methylphenol	11.97	107	217117	47.715	ng	97
37) 2-Methylnaphthalene	12.34	142	450571	43.270	ng	98
38) 1-Methylnaphthalene	12.55	142	426798	43.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	228609	39.022	ng	98

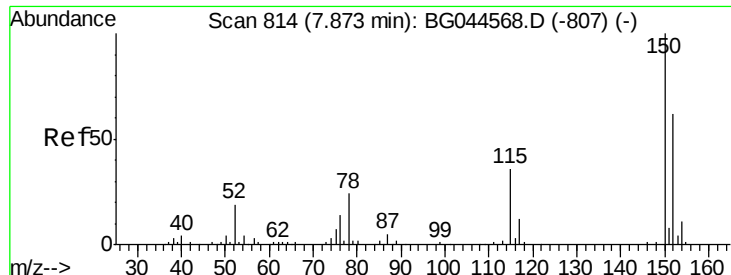
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044613.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	197818	71.829	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	169053	44.442	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	184882	47.314	ng	98
46) 1,1'-Biphenyl	13.35	154	581986	40.413	ng	98
47) 2-Chloronaphthalene	13.39	162	452772	40.095	ng	99
48) 2-Nitroaniline	13.59	65	138705	44.248	ng	97
49) Acenaphthylene	14.24	152	727723	43.656	ng	99
50) Dimethylphthalate	13.98	163	644910	45.915	ng	99
51) 2,6-Dinitrotoluene	14.09	165	139912	45.166	ng	96
52) Acenaphthene	14.58	154	449147	42.269	ng	100
53) 3-Nitroaniline	14.42	138	70553	21.118	ng	93
54) 2,4-Dinitrophenol	14.63	184	147967	80.152	ng	99
55) Dibenzofuran	14.92	168	715814	43.942	ng	99
56) 4-Nitrophenol	14.75	139	230578	100.336	ng	98
57) 2,4-Dinitrotoluene	14.89	165	199846	45.887	ng	99
58) Fluorene	15.57	166	573292	44.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	170778	47.460	ng	99
60) Diethylphthalate	15.34	149	623368	44.792	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	301839	42.980	ng	99
62) 4-Nitroaniline	15.59	138	144317	43.141	ng	95
63) Azobenzene	15.85	77	542564	45.809	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	120383	47.075	ng	99
66) n-Nitrosodiphenylamine	15.77	169	550266	42.714	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	208036	40.581	ng	99
68) Hexachlorobenzene	16.58	284	230232	39.723	ng	98
69) Atrazine	16.72	200	218607	45.902	ng	100
70) Pentachlorophenol	16.92	266	254074	88.713	ng	96
71) Phenanthrene	17.30	178	972289	42.523	ng	98
72) Anthracene	17.39	178	997706	44.278	ng	98
73) Carbazole	17.66	167	912985	44.513	ng	99
74) Di-n-butylphthalate	18.23	149	1109355	43.163	ng	99
75) Fluoranthene	19.32	202	1188016	43.891	ng	99
77) Benzidine	19.49	184	286078	20.123	ng	98
78) Pyrene	19.67	202	1193416	39.613	ng	98
80) Butylbenzylphthalate	20.57	149	526092	39.922	ng	98
81) Benzo(a)anthracene	21.48	228	1174790	40.275	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	227572	19.748	ng	100
83) Chrysene	21.55	228	1118081	39.645	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	742515	40.892	ng	99
85) Di-n-octyl phthalate	22.56	149	1292019	40.443	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1466779	40.526	ng	100
88) Benzo(b)fluoranthene	23.61	252	1237951	42.224	ng	99
89) Benzo(k)fluoranthene	23.67	252	1231062	43.275	ng	100
90) Benzo(a)pyrene	24.43	252	1157861	42.033	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1202625	44.144	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1228420	45.006	ng	99

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

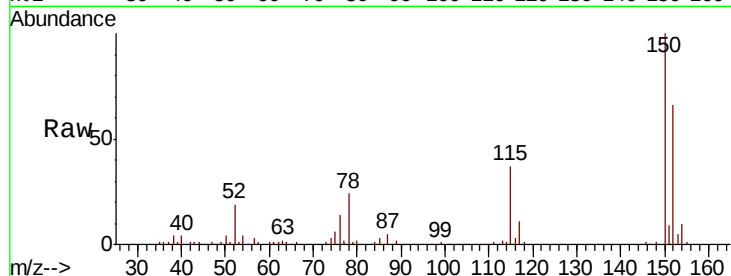


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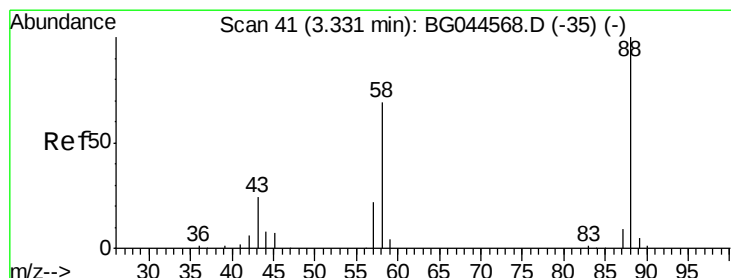
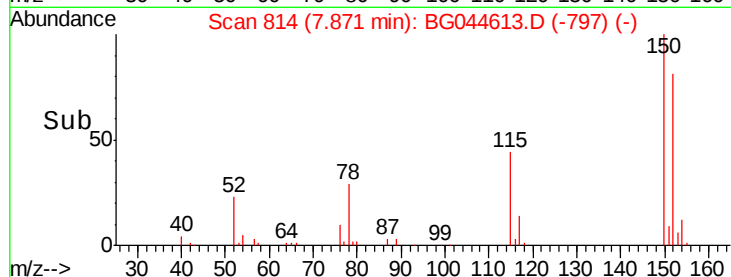
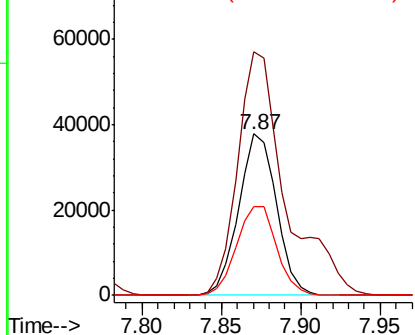
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62710
Ion Ratio Lower Upper
152 100
150 151.0 128.9 193.3
115 55.2 47.0 70.4



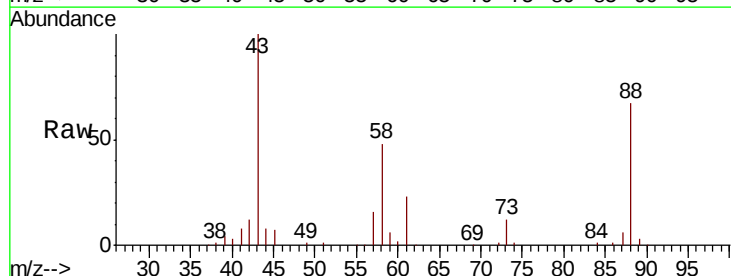
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



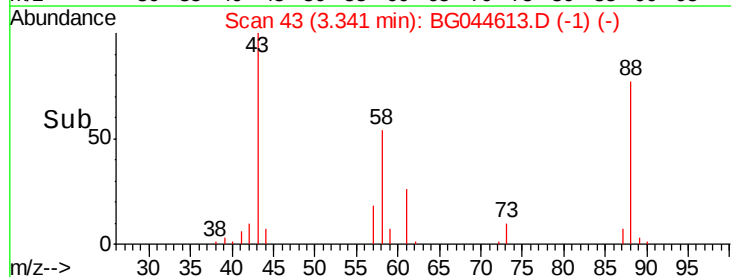
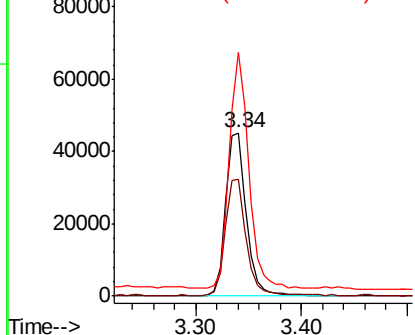
#2

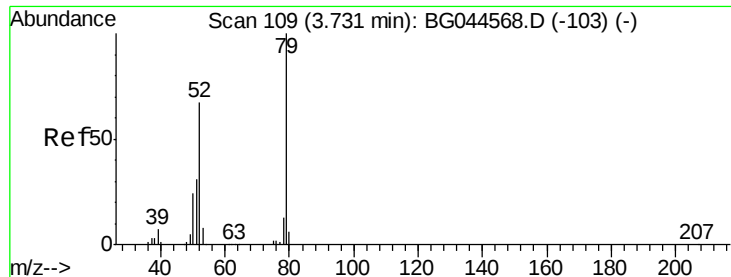
1,4-Dioxane
Concen: 35.793 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion: 88 Resp: 61046
Ion Ratio Lower Upper
88 100
58 70.6 55.8 83.8
43 134.2 20.6 31.0#



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





#3

Pvridine

Concen: 26.240 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampled :

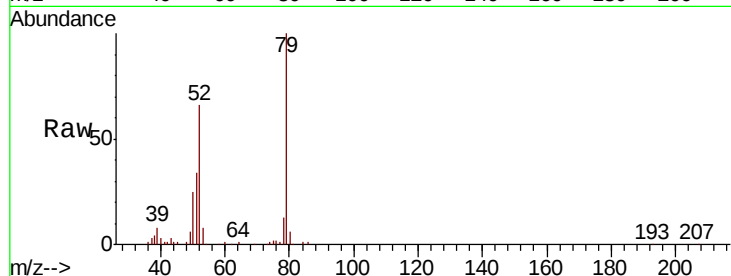
Tot Ion: 79 Resp: 124877

Ion Ratio Lower Upper

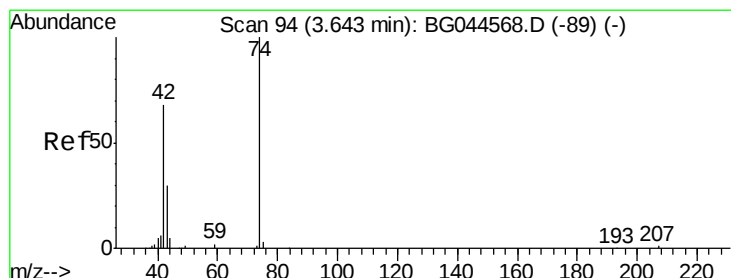
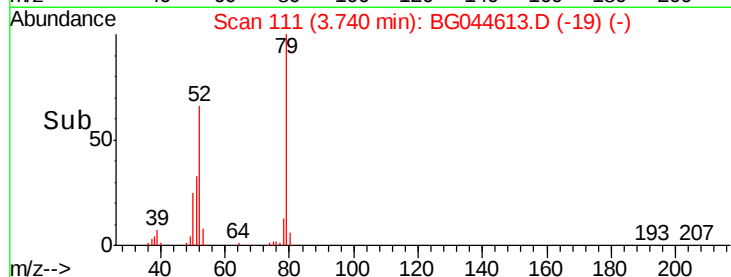
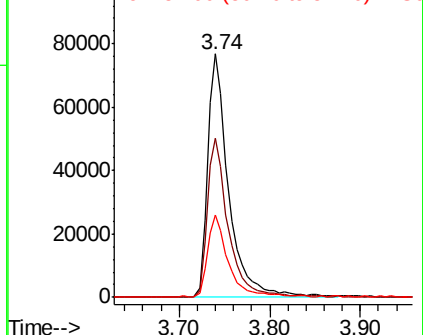
79 100

52 65.5 53.7 80.5

51 33.9 25.4 38.0



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



#4

n-Nitrosodimethylamine

Concen: 43.147 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

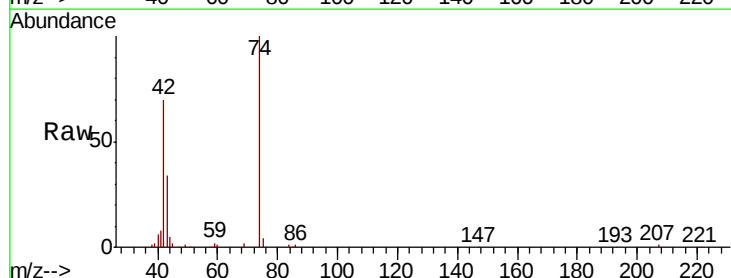
Tgt Ion: 42 Resp: 77988

Ion Ratio Lower Upper

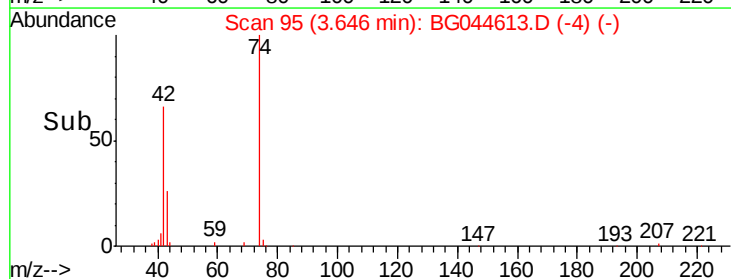
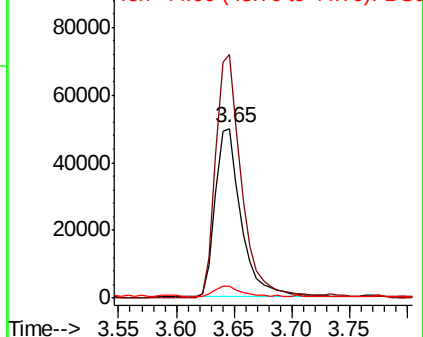
42 100

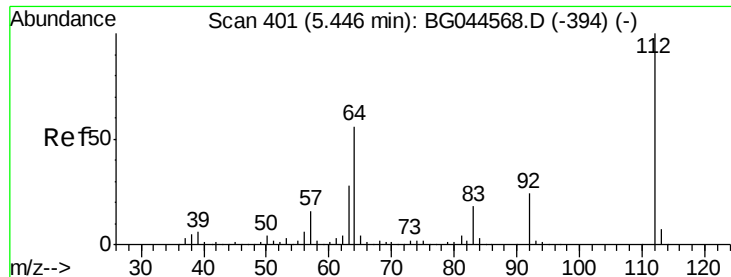
74 143.5 117.6 176.4

44 7.3 6.3 9.5



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





#5

2-Fluorophenol

Concen: 123.389 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

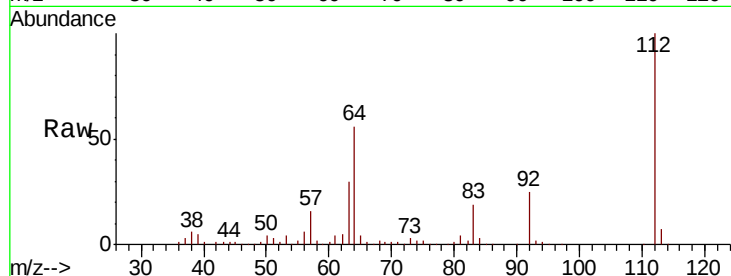
Tot Ion:112 Resp: 482261

Ion Ratio Lower Upper

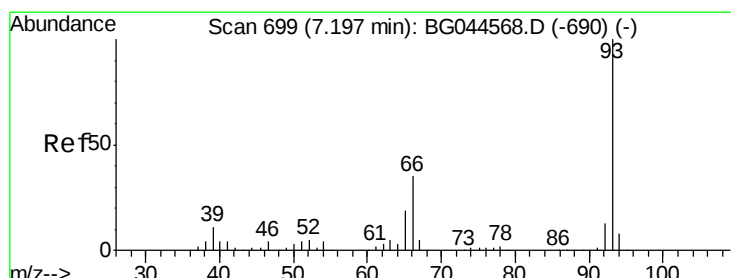
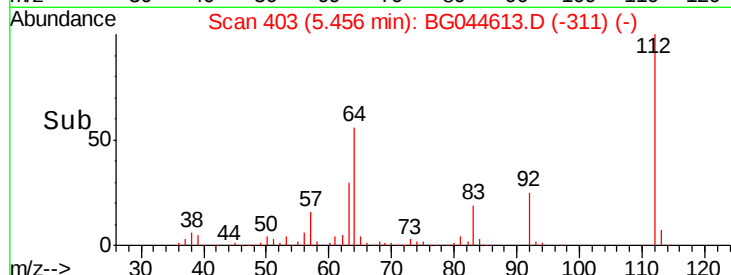
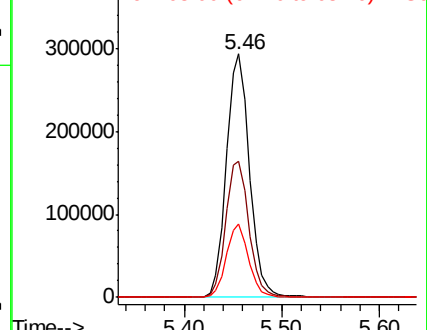
112 100

64 56.0 44.8 67.2

63 29.9 22.3 33.5



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



#6

Aniline

Concen: 23.005 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

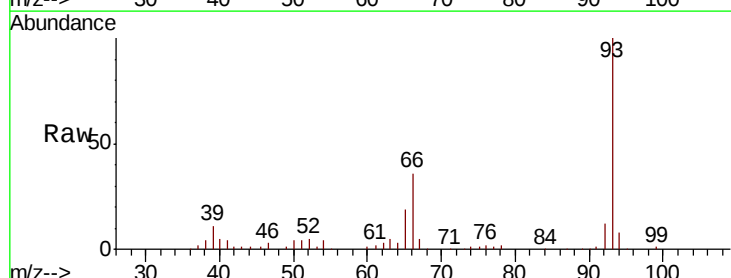
Tgt Ion: 93 Resp: 149848

Ion Ratio Lower Upper

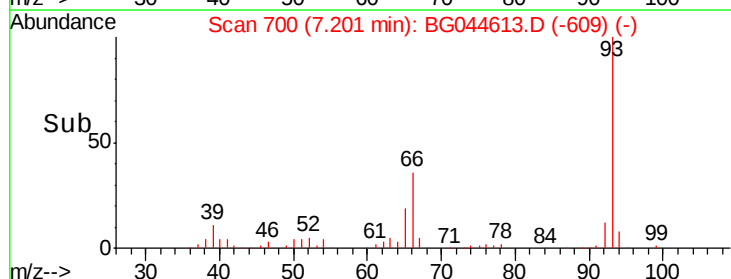
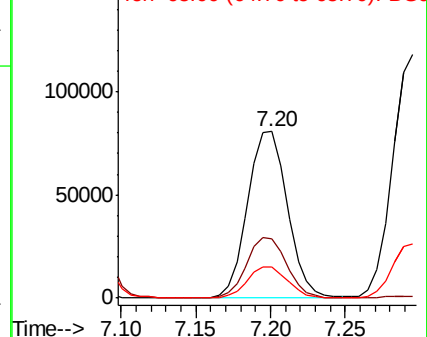
93 100

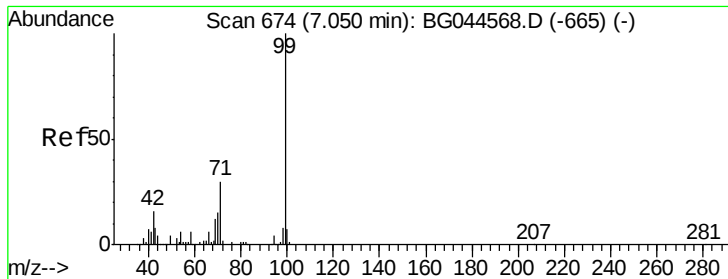
66 35.8 27.8 41.8

65 18.8 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: 110.422 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

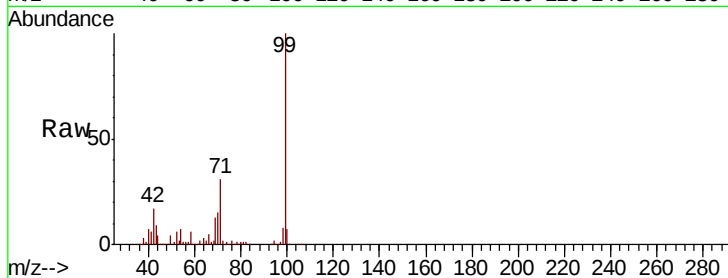
Tot Ion: 99 Resp: 590752

Ion Ratio Lower Upper

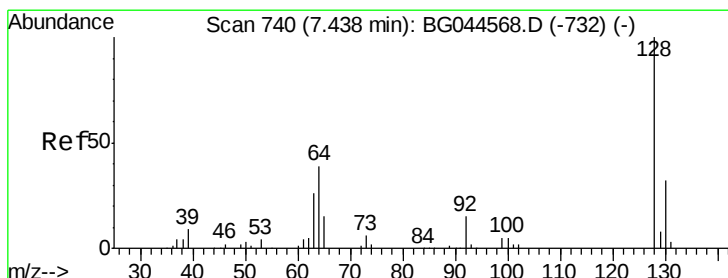
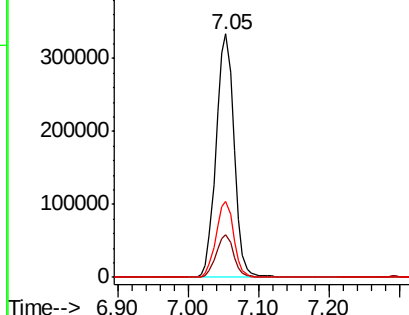
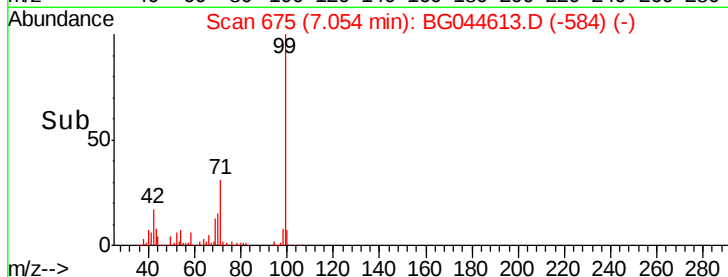
99 100

42 17.3 12.8 19.2

71 31.3 24.4 36.6



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



#8

2-Chlorophenol

Concen: 47.321 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

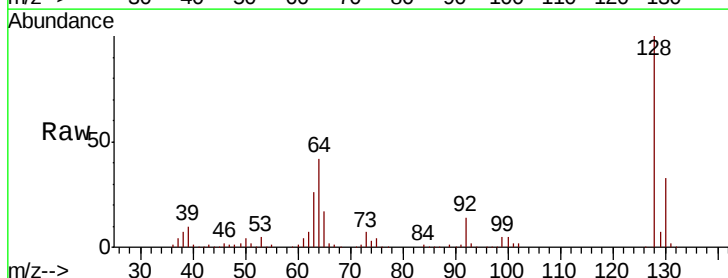
Tgt Ion:128 Resp: 201895

Ion Ratio Lower Upper

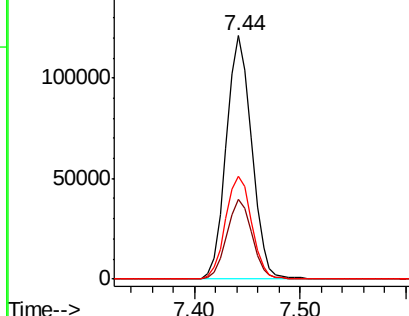
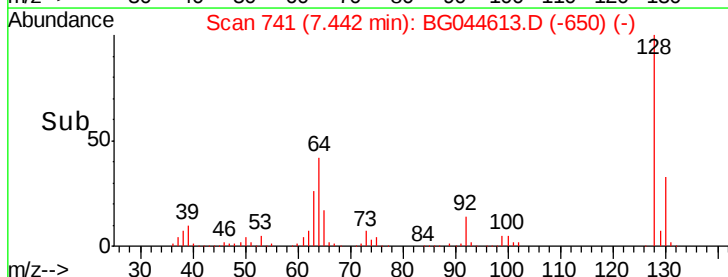
128 100

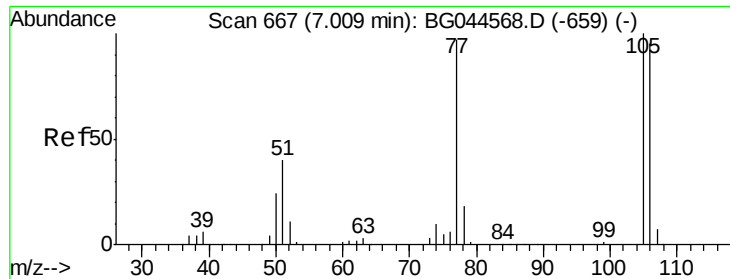
130 32.8 12.3 52.3

64 42.5 22.5 62.5



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





#9

Benzaldehyde

Concen: 23.150 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

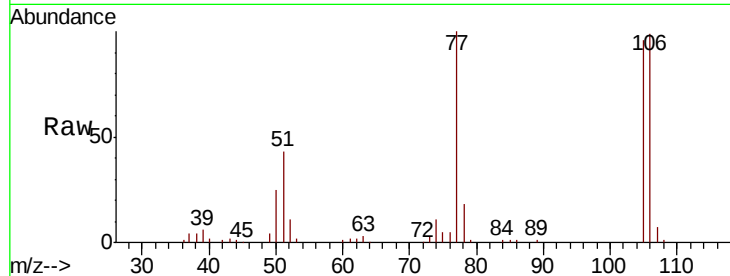
Tot Ion: 77 Resp: 72829

Ion Ratio Lower Upper

77 100

105 96.1 83.6 123.6

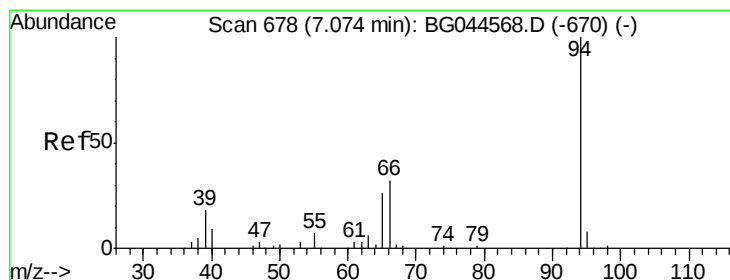
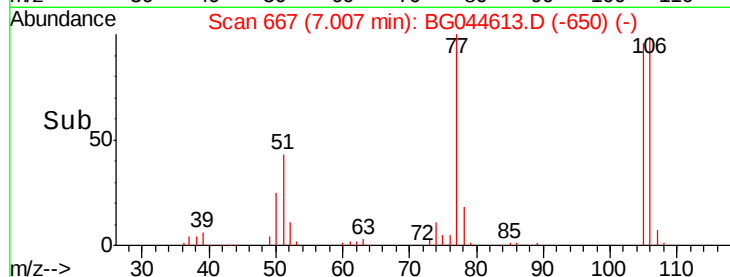
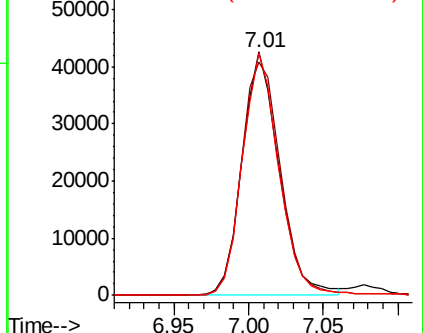
106 99.4 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.957 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

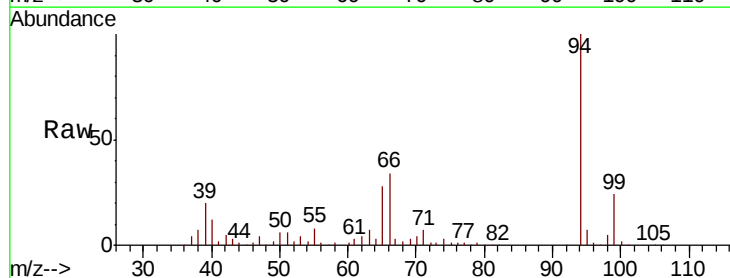
Tgt Ion: 94 Resp: 212342

Ion Ratio Lower Upper

94 100

65 28.0 6.4 46.4

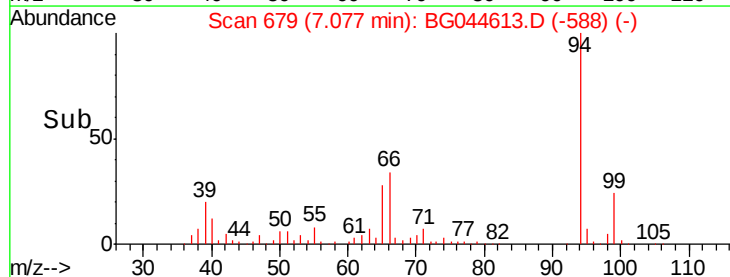
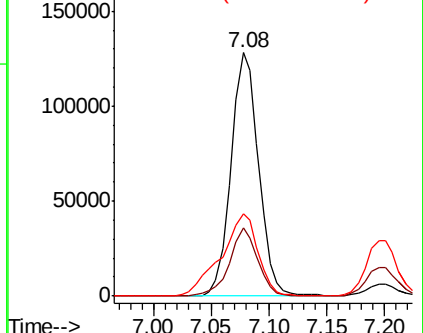
66 33.8 13.9 53.9

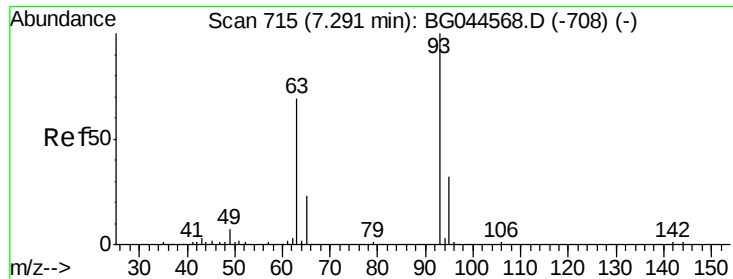


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

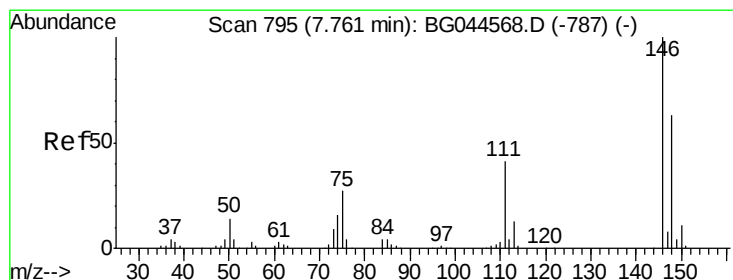
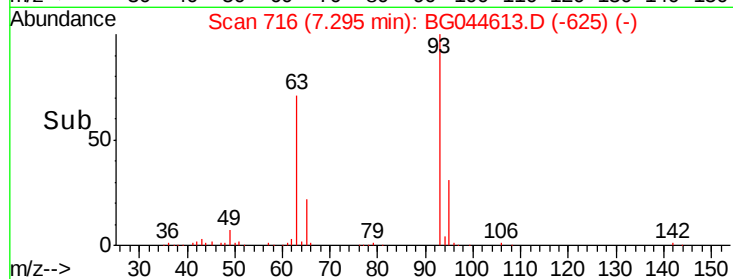
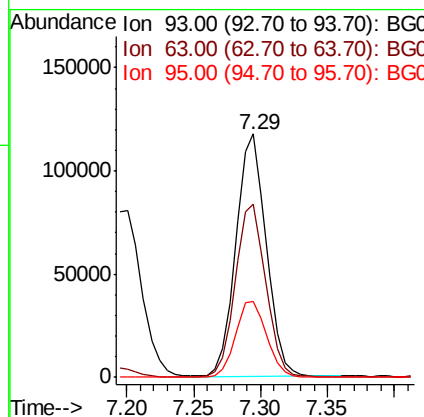
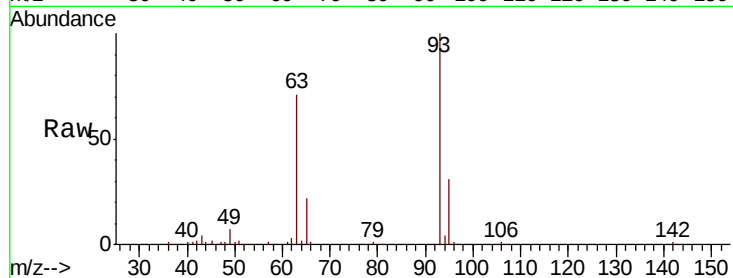




#11
 bis(2-Chloroethyl)ether
 Concen: 42.468 ng
 RT: 7.29 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

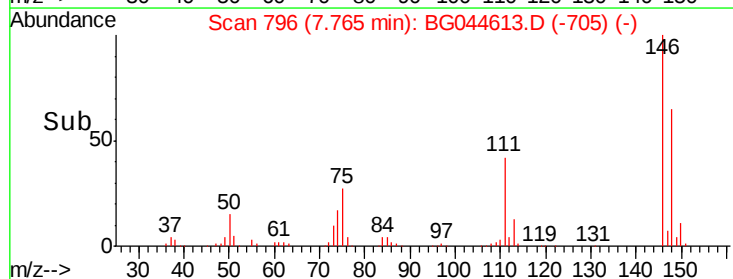
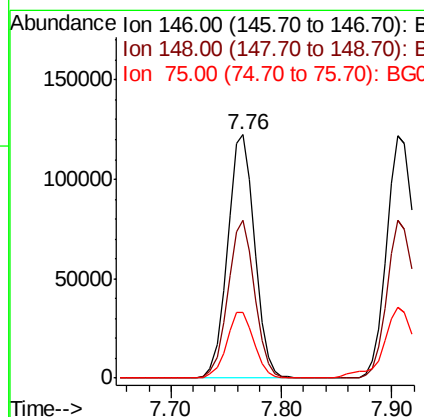
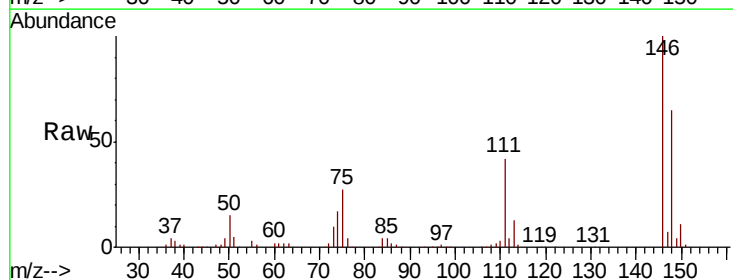
Instrument :
 BNA_G
 ClientSampleId :

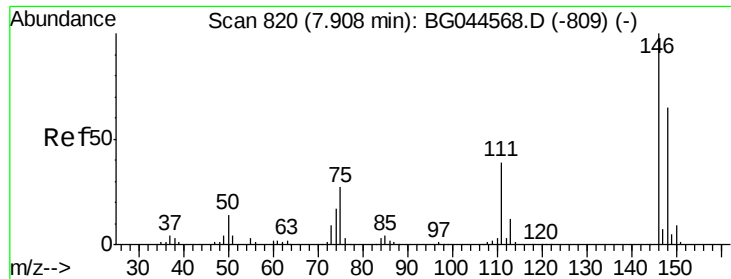
Tot Ion	93	Resp	185092
Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.9	88.9
95	31.2	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 41.336 ng
 RT: 7.76 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	146	Resp	210348
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	27.0	21.4	32.0

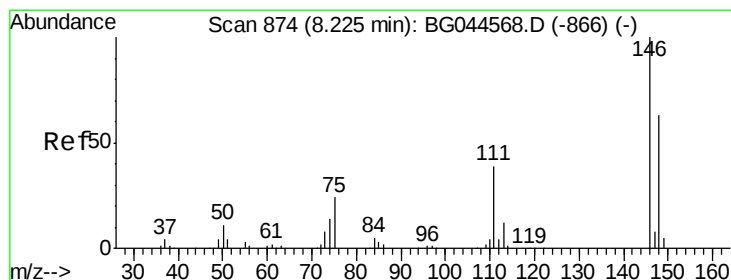
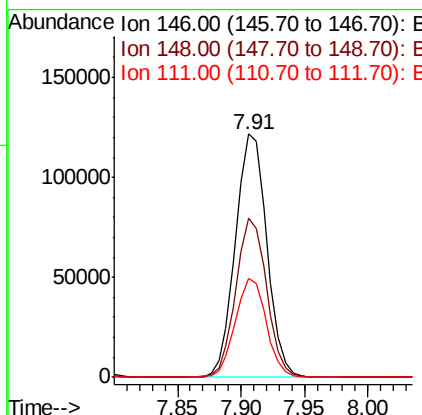
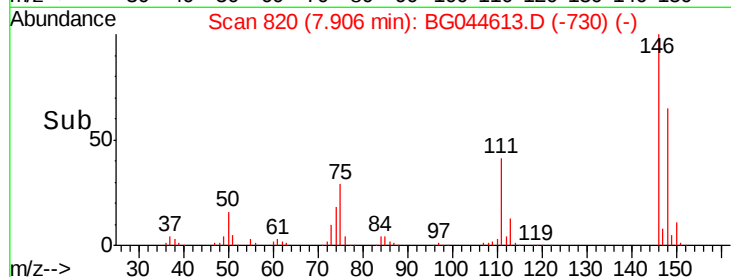
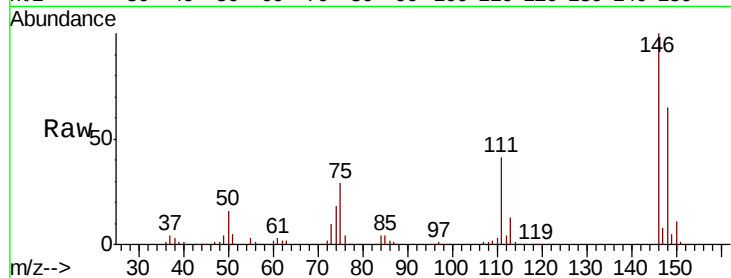




#13
 1,4-Dichlorobenzene
 Concen: 40.922 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

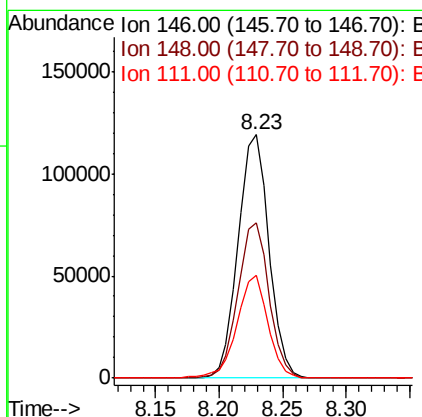
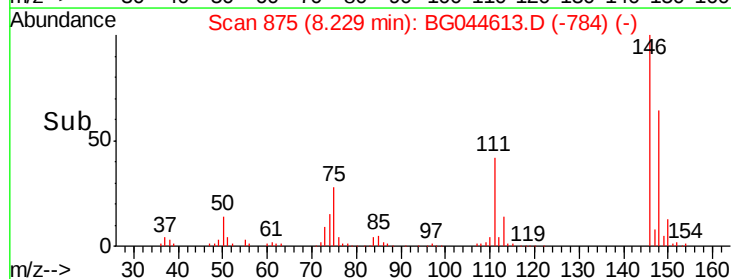
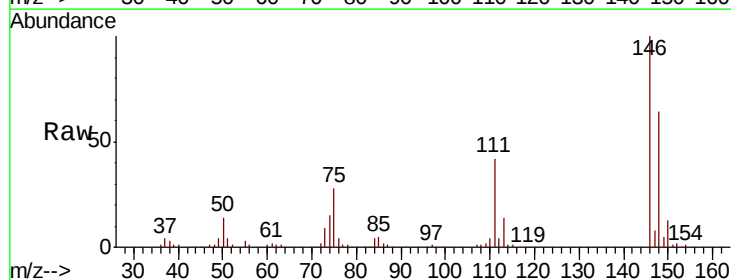
Instrument :
 BNA_G
 ClientSampleId :

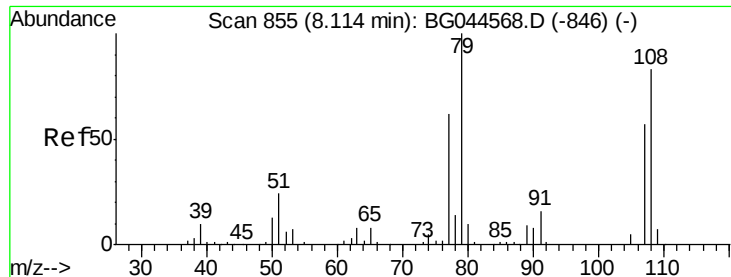
Tot Ion:146 Resp: 209280
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 40.7 30.8 46.2



#14
 1,2-Dichlorobenzene
 Concen: 41.342 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:146 Resp: 201067
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.7 76.1
 111 42.3 31.8 47.6





#15

Benzyl Alcohol

Concen: 46.052 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

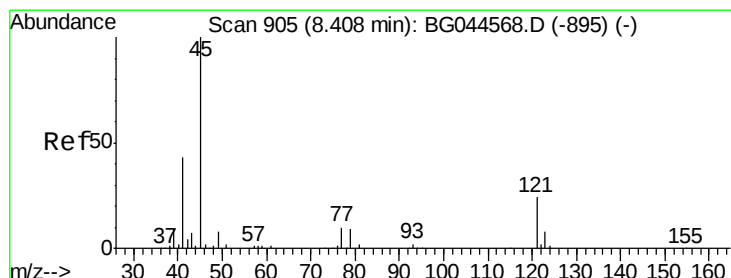
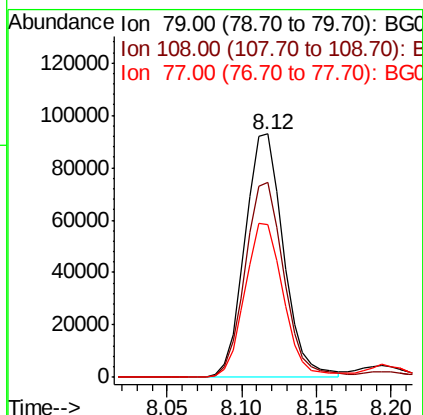
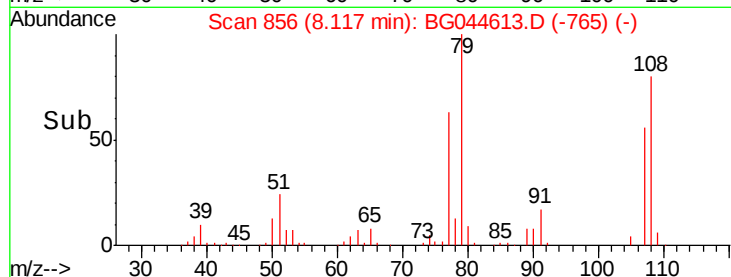
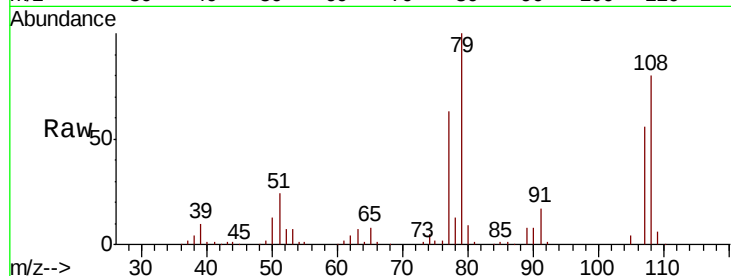
Tot Ion: 79 Resp: 166160

Ion Ratio Lower Upper

79 100

108 80.3 66.0 99.0

77 62.6 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.053 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

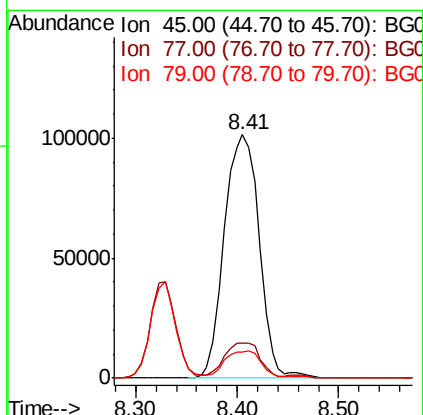
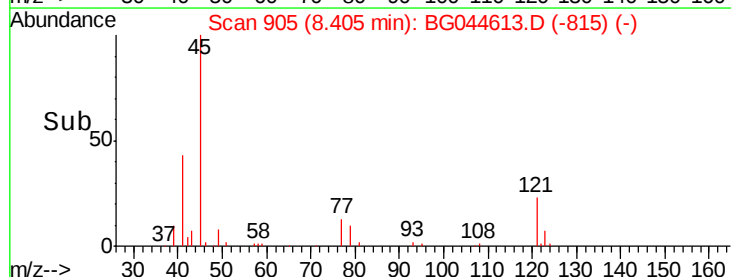
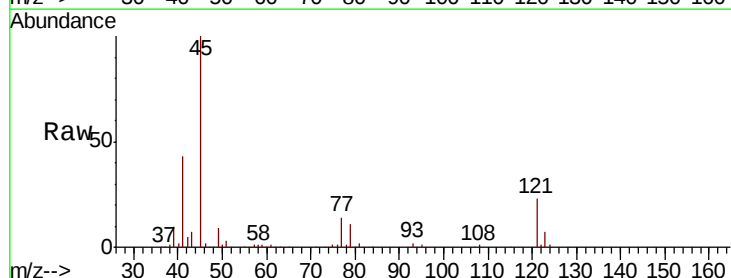
Tgt Ion: 45 Resp: 240470

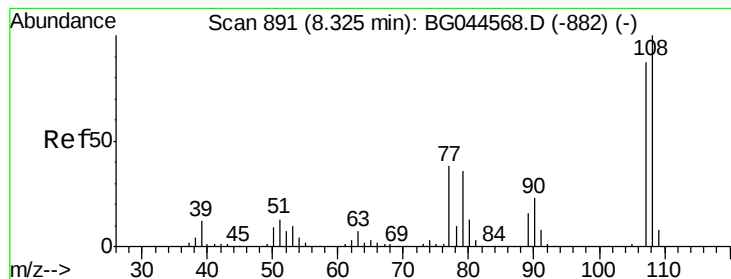
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.4

79 10.6 0.0 32.3





#17

2-Methylphenol

Concen: 44.017 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 163029

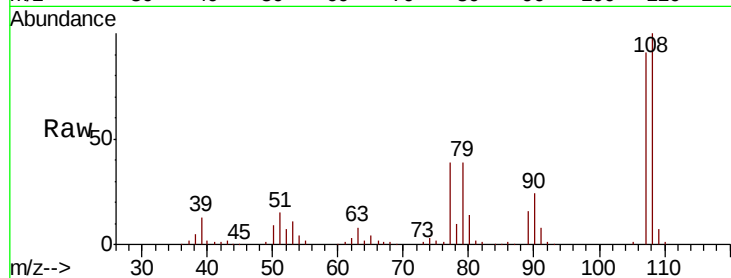
Ion Ratio Lower Upper

107 100

108 109.5 91.7 137.5

77 42.5 35.1 52.7

79 42.3 33.2 49.8

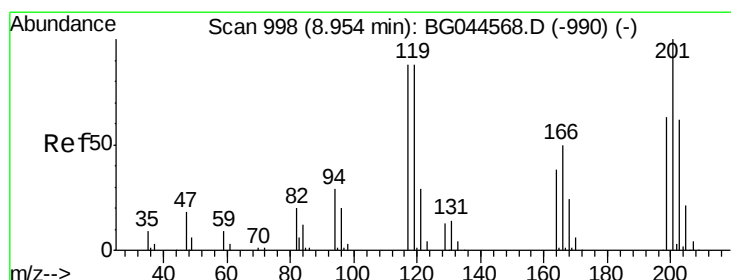
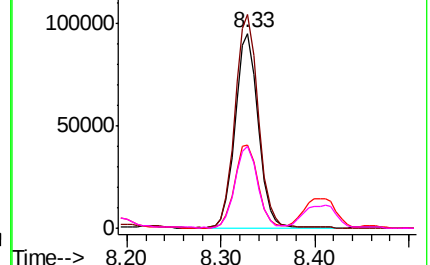
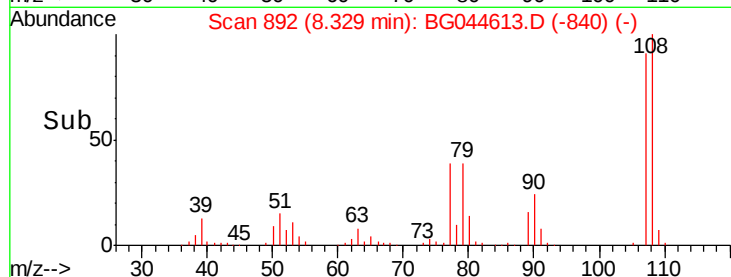


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.547 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

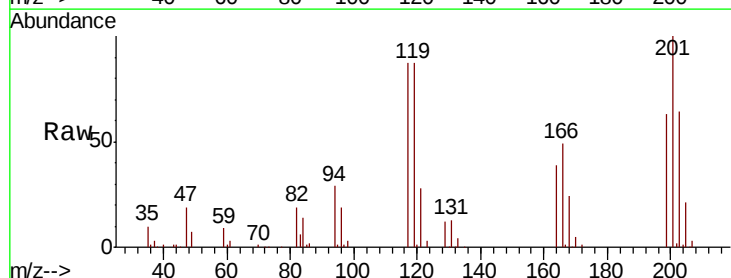
Tgt Ion:117 Resp: 75782

Ion Ratio Lower Upper

117 100

119 99.5 80.0 120.0

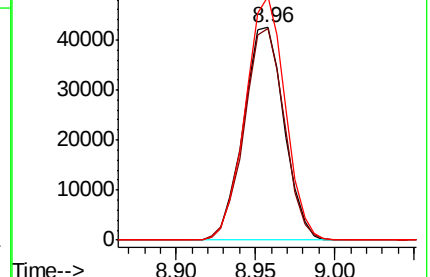
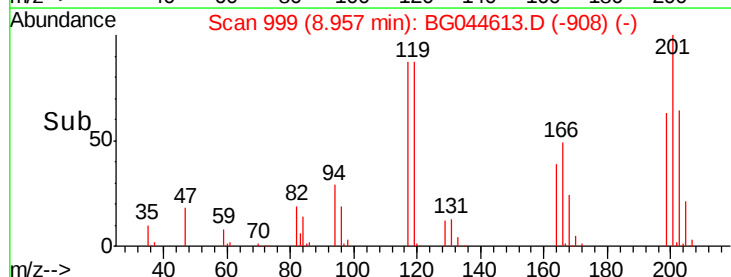
201 114.5 90.5 135.7

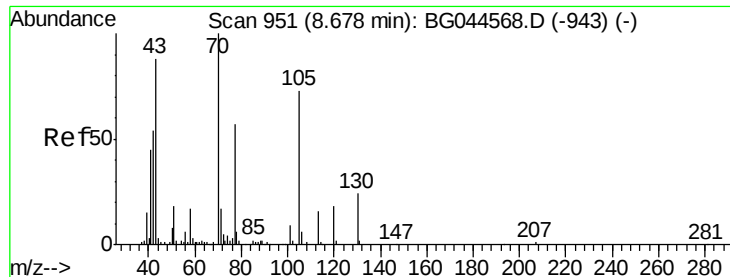


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

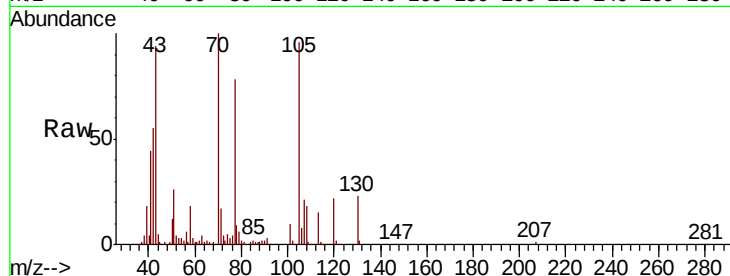




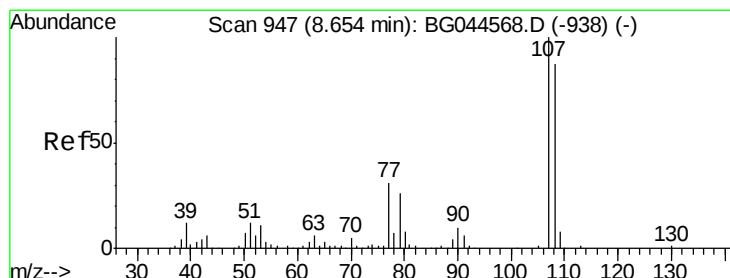
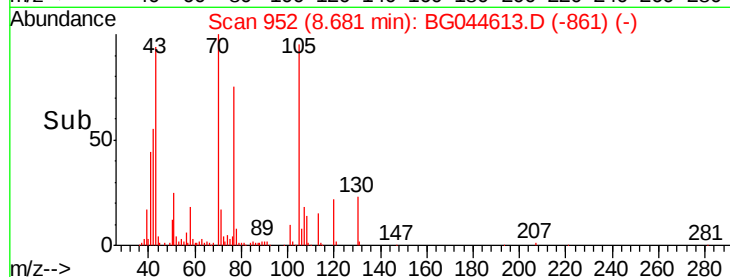
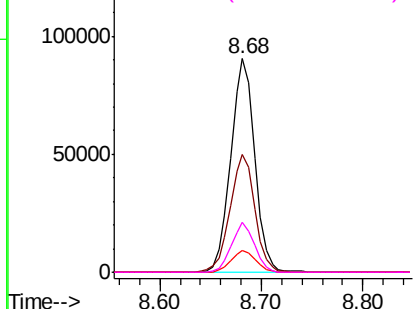
#19
n-Nitroso-di-n-propylamine
Concen: 43.055 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 148061
Ion Ratio Lower Upper
70 100
42 55.2 43.4 65.0
101 10.0 7.5 11.3
130 23.5 18.9 28.3

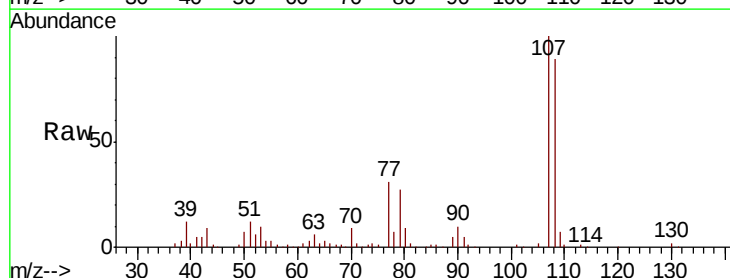


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

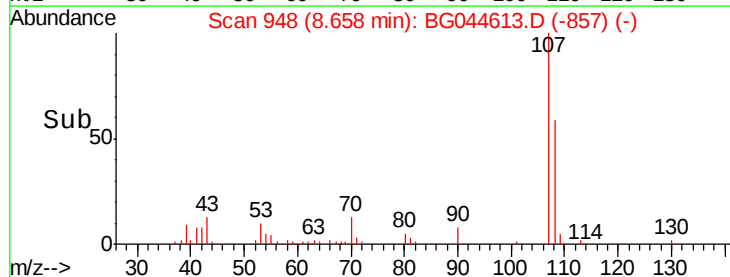
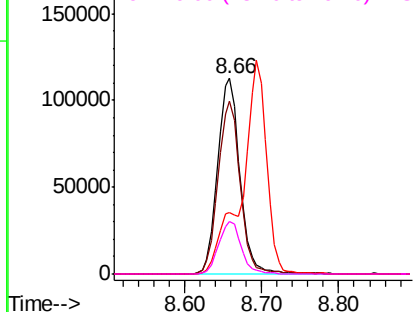


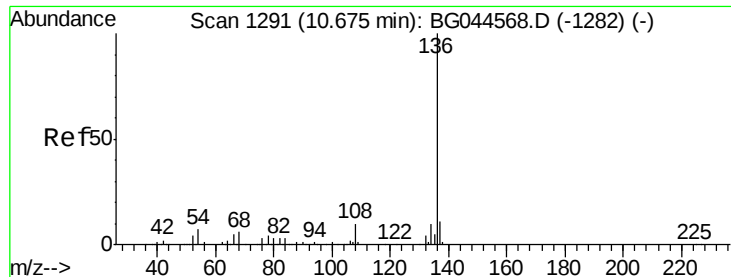
#20
3+4-Methylphenols
Concen: 44.347 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion: 107 Resp: 224871
Ion Ratio Lower Upper
107 100
108 88.7 67.5 107.5
77 31.2 11.3 51.3
79 26.7 6.4 46.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 258208

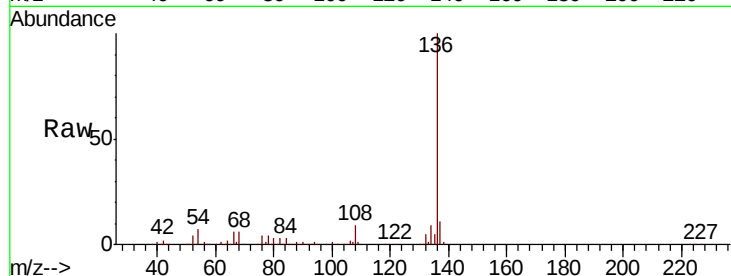
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.4 5.7 8.5

68 5.8 4.5 6.7

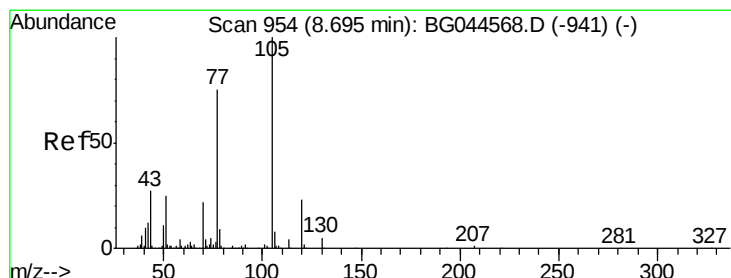
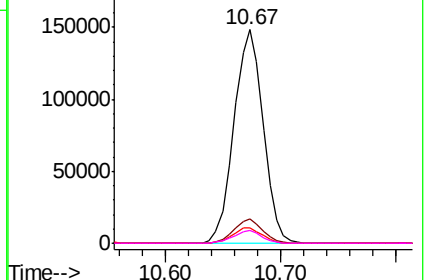
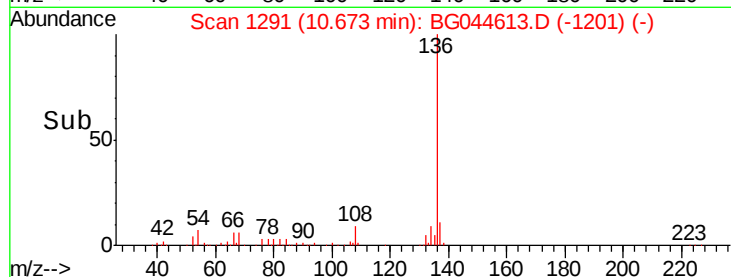


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.170 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:105 Resp: 279858

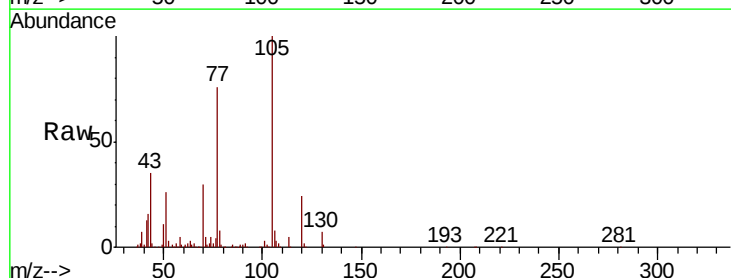
Ion Ratio Lower Upper

105 100

71 5.3 2.8 4.2#

51 25.7 19.9 29.9

120 23.5 18.6 28.0

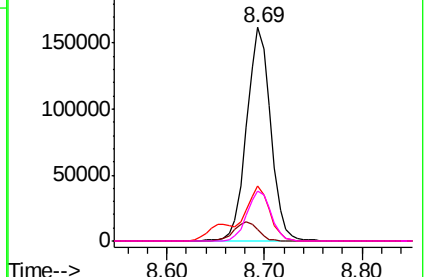
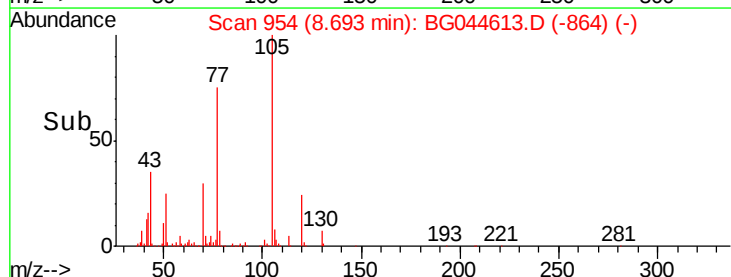


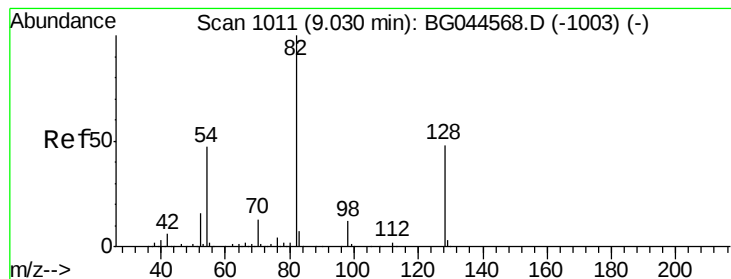
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.752 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampled :

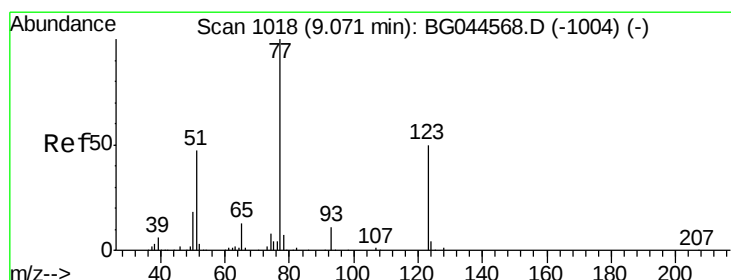
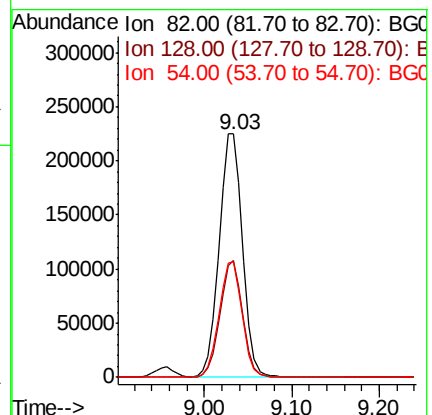
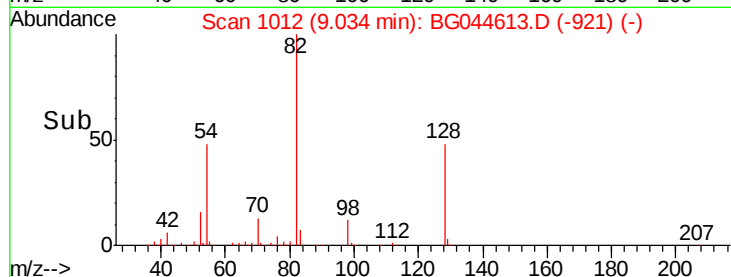
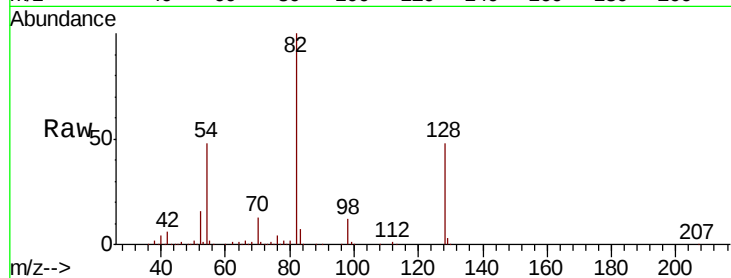
Tot Ion: 82 Resp: 414748

Ion Ratio Lower Upper

82 100

128 48.1 38.1 57.1

54 47.6 37.5 56.3



#24

Nitrobenzene

Concen: 43.087 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

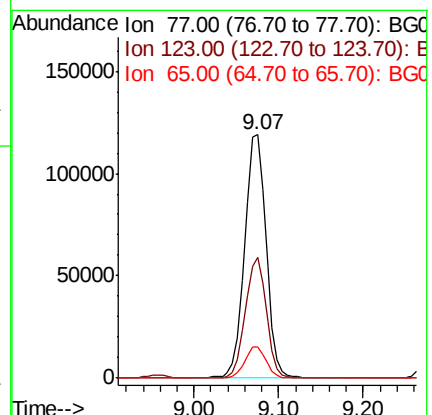
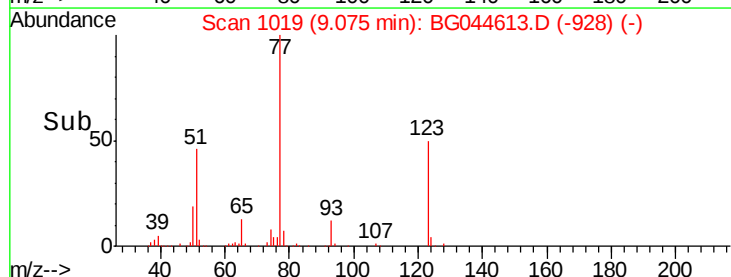
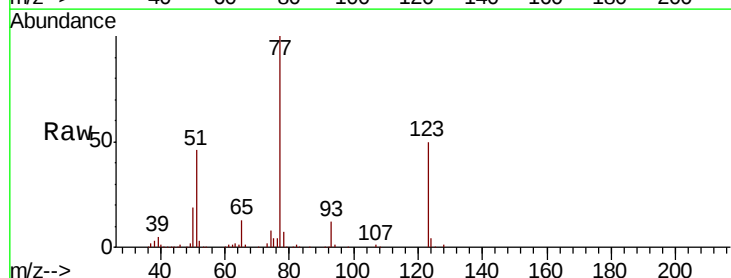
Tgt Ion: 77 Resp: 209215

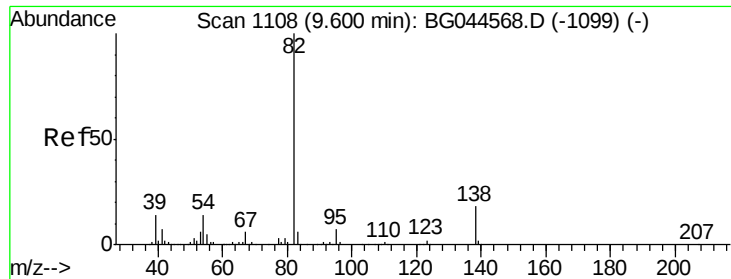
Ion Ratio Lower Upper

77 100

123 49.5 40.1 60.1

65 12.7 10.4 15.6





#25

Isophorone

Concen: 43.935 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

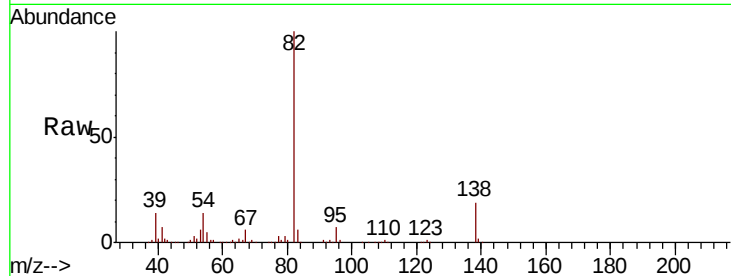
Tot Ion: 82 Resp: 411933

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

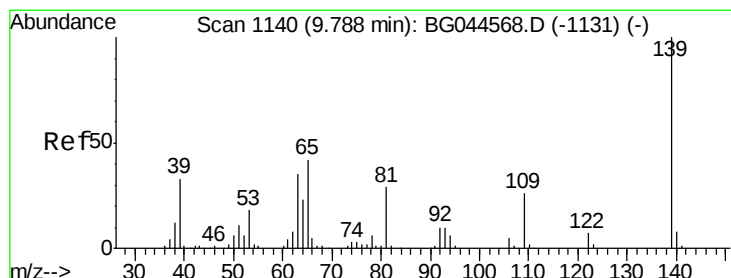
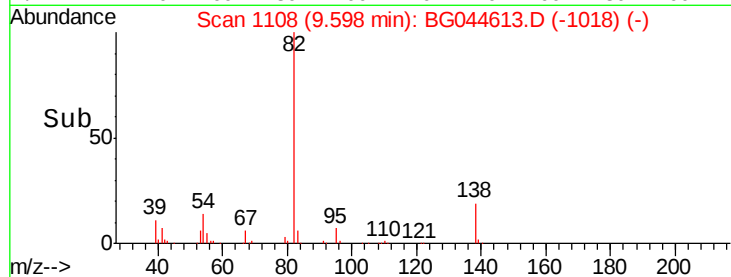
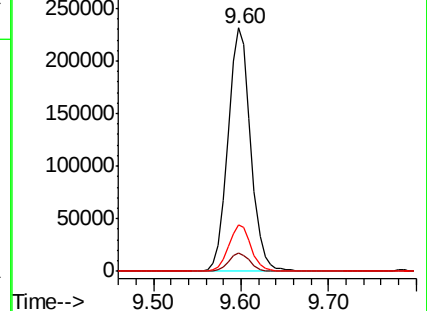
138 19.2 14.7 22.1



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

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

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



#26

2-Nitrophenol

Concen: 44.003 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

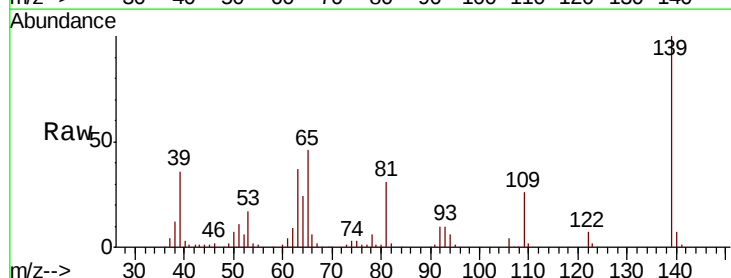
Tgt Ion: 139 Resp: 115875

Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

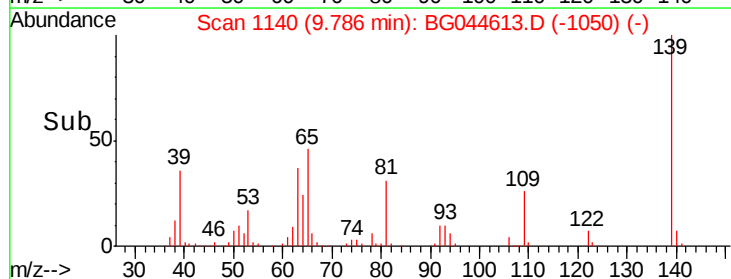
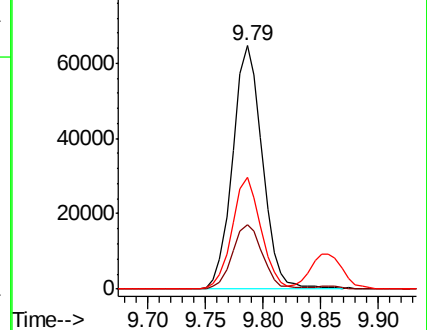
65 45.9 33.3 49.9

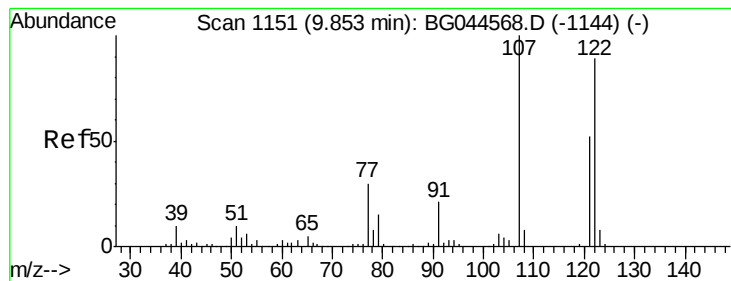


Abundance Ion 139.00 (138.70 to 139.70): BG044568.D (-1131) (-)

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

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





#27

2,4-Dimethylphenol

Concen: 52.471 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

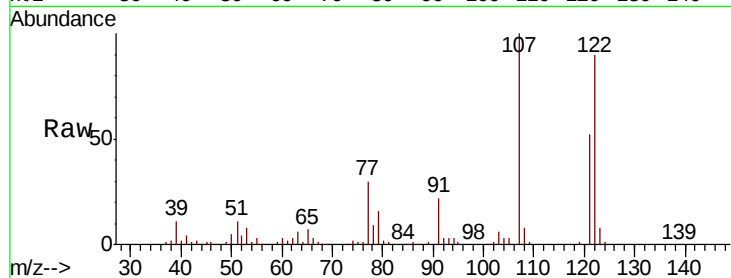
Tot Ion:122 Resp: 194010

Ion Ratio Lower Upper

122 100

107 110.6 89.4 134.0

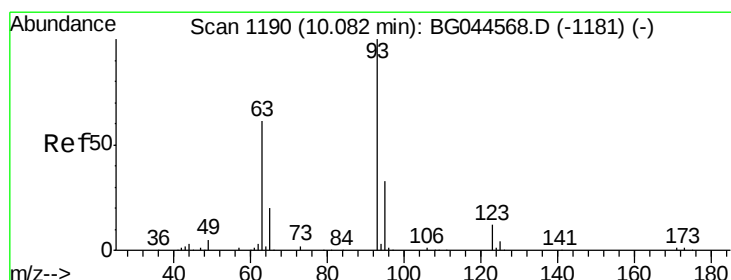
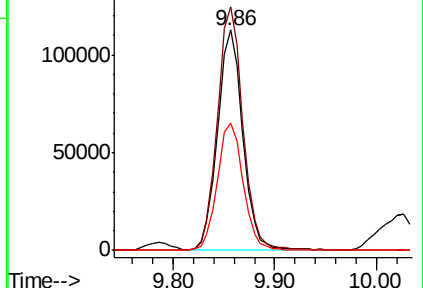
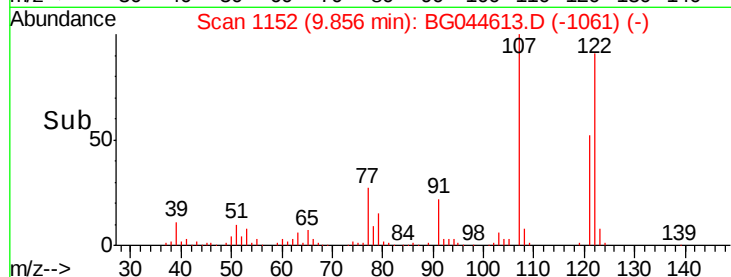
121 57.6 46.5 69.7



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: 41.443 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

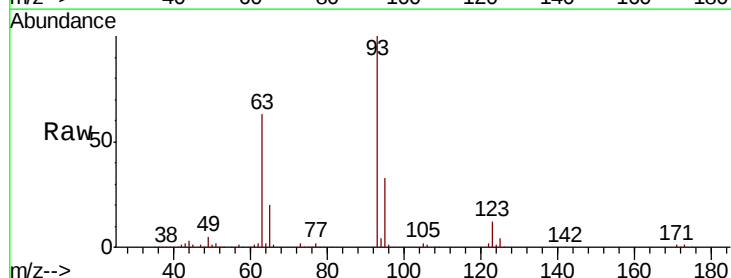
Tgt Ion: 93 Resp: 256960

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

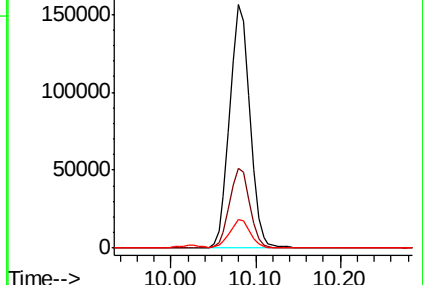
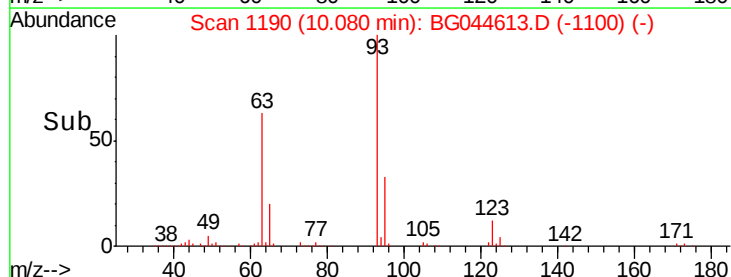
123 11.6 9.7 14.5

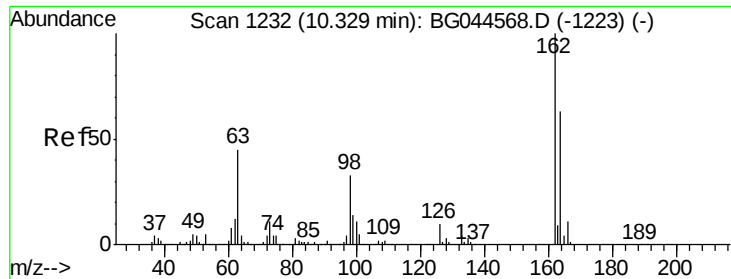


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

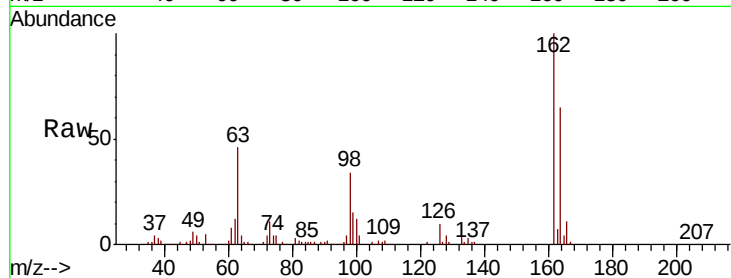




#29
 2,4-Dichlorophenol
 Concen: 45.954 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	203140
Ion Ratio	Lower	Upper	
162	100		
164	65.4	43.2	83.2
98	34.0	13.2	53.2

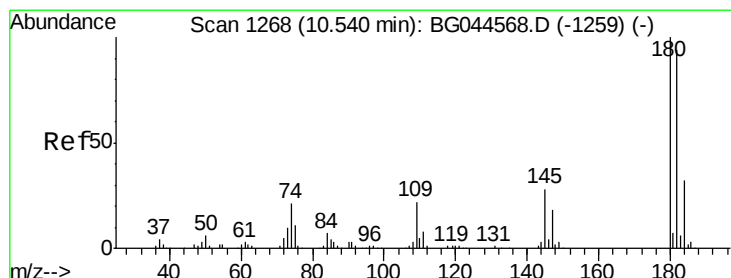
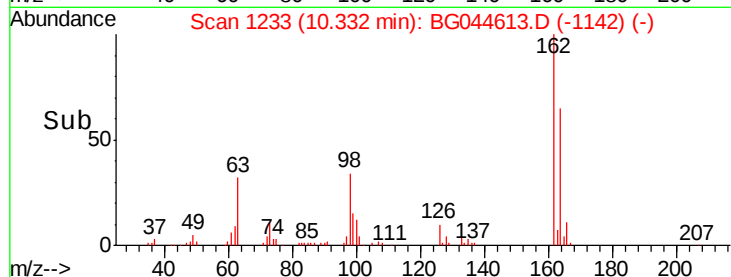
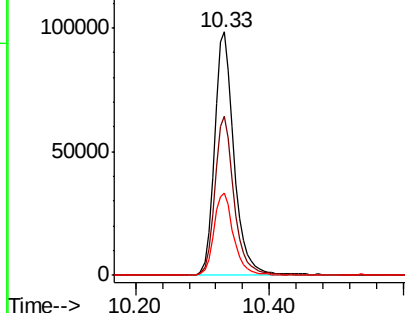


Abundance

Ion 162.00 (161.70 to 162.70): E

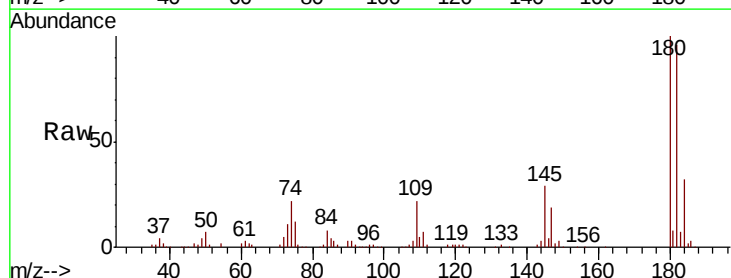
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.079 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	180	Resp	204895
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.6	113.4
145	28.8	22.2	33.2

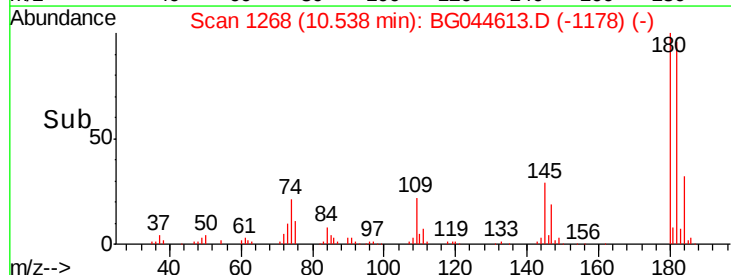
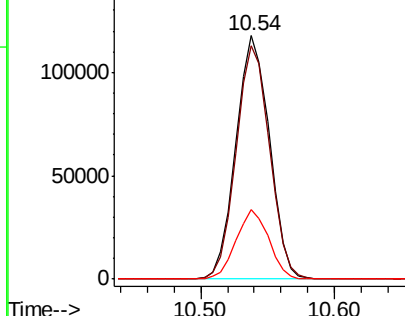


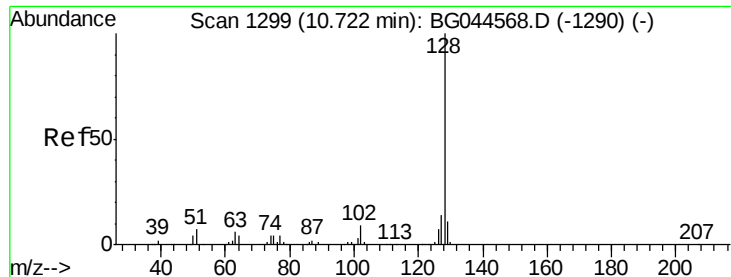
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

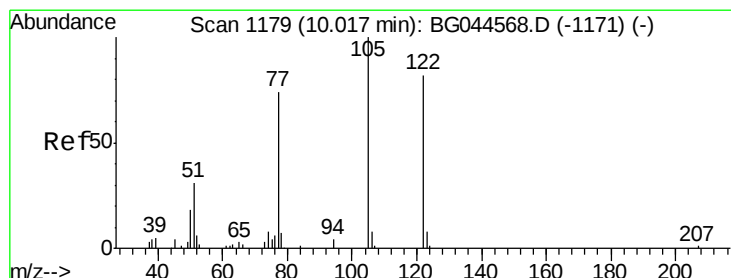
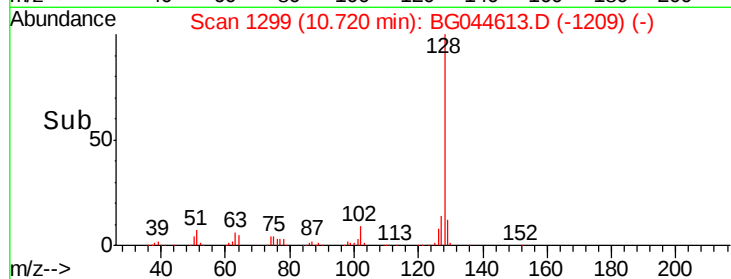
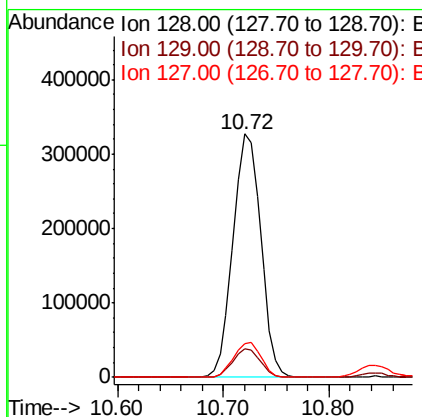
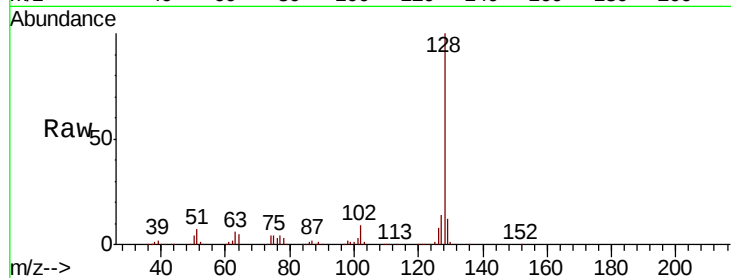




#31
Naphthalene
Concen: 42.394 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

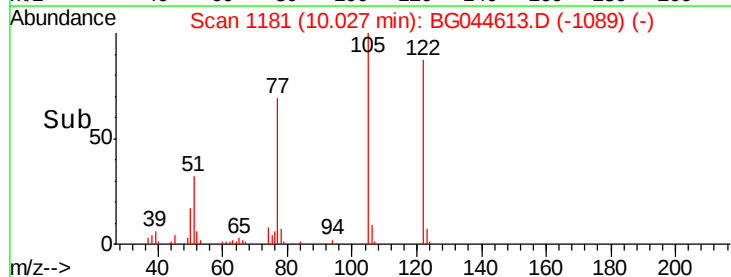
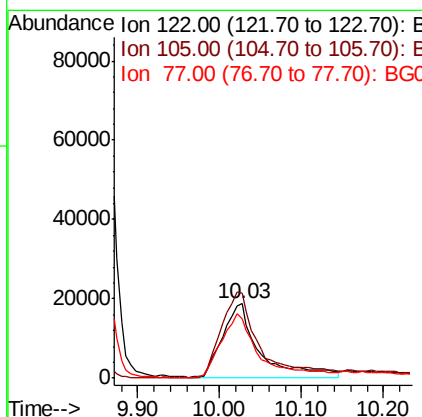
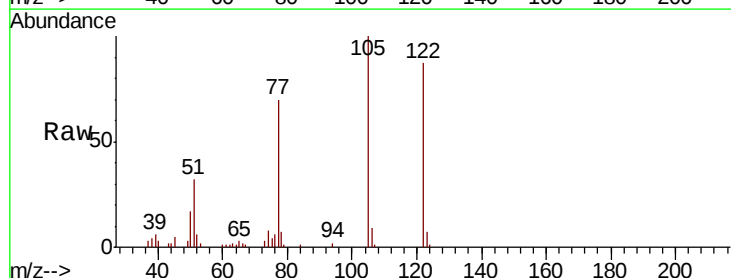
Instrument :
BNA_G
ClientSampleId :

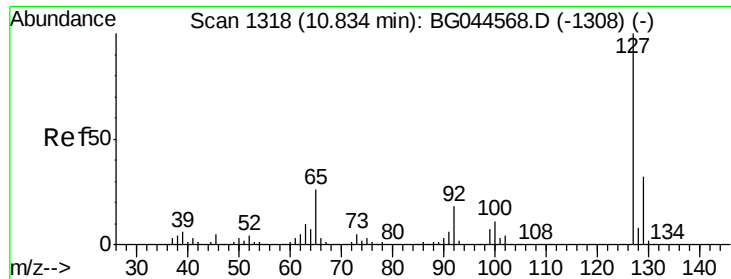
Tot Ion:128 Resp: 597302
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.0 11.0 16.4



#32
Benzoic acid
Concen: 45.098 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:122 Resp: 58415
Ion Ratio Lower Upper
122 100
105 114.9 101.4 141.4
77 80.3 69.8 109.8

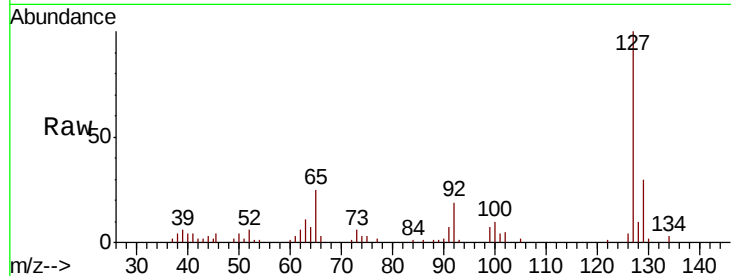




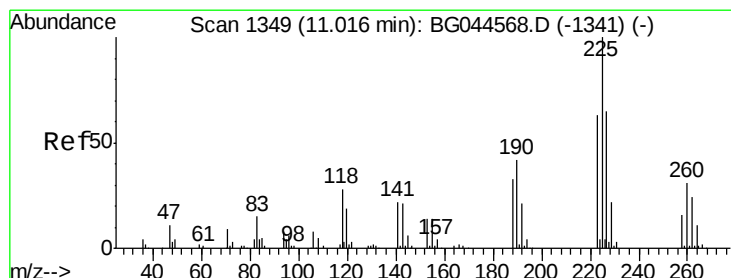
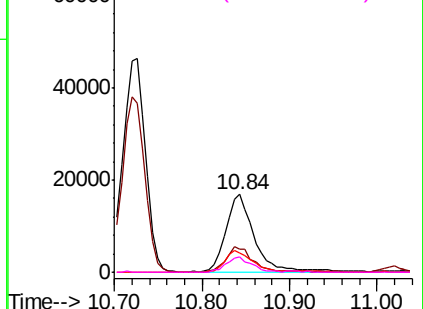
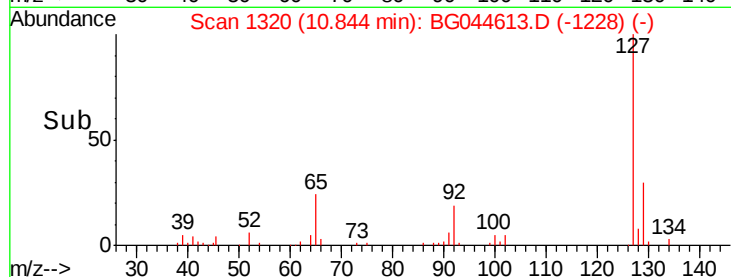
#33
4-Chloroaniline
Concen: 6.060 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	37607
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	25.2	20.7	31.1
92	19.1	14.2	21.2

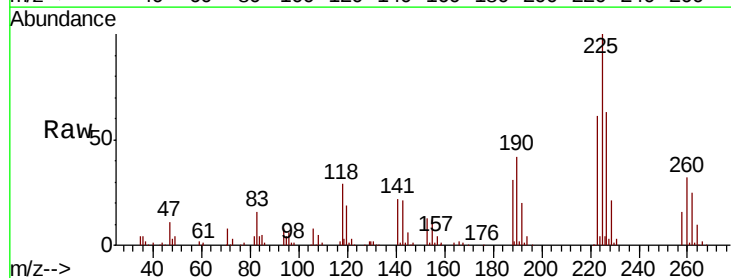


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

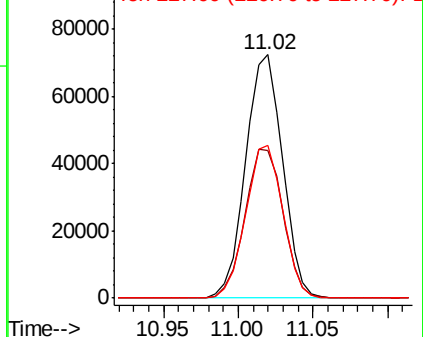
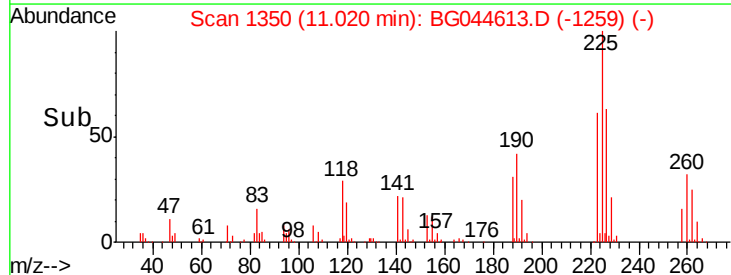


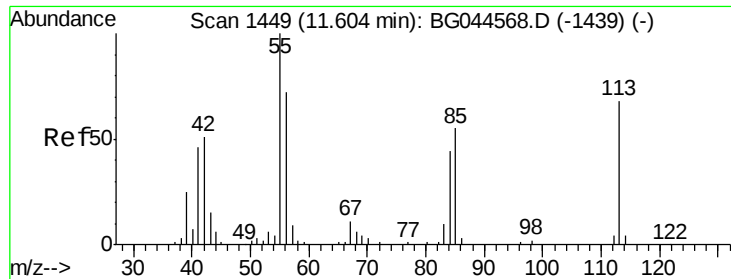
#34
Hexachlorobutadiene
Concen: 38.409 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:	225	Resp:	123315
Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.6	76.0
227	62.8	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

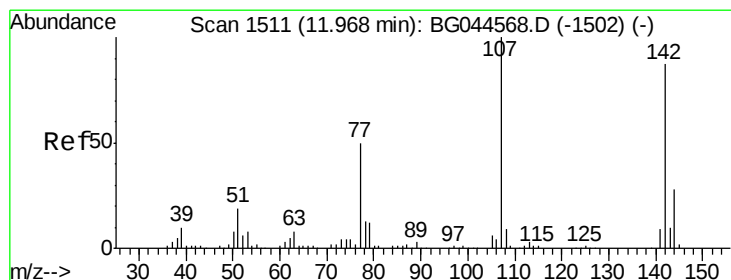
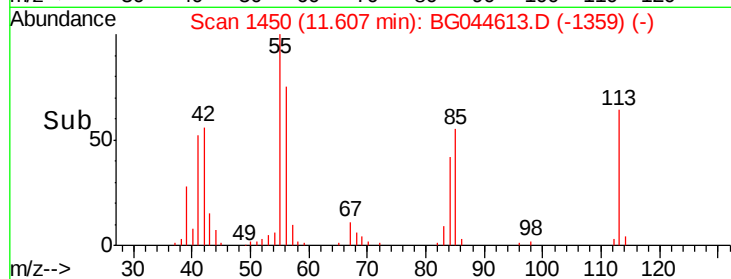
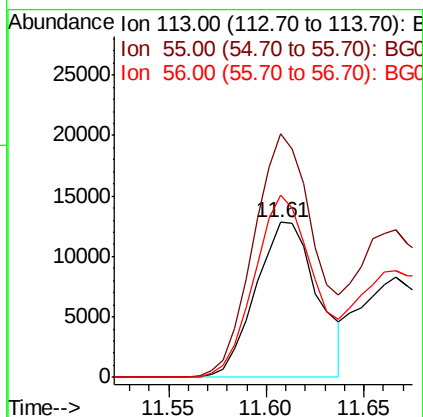
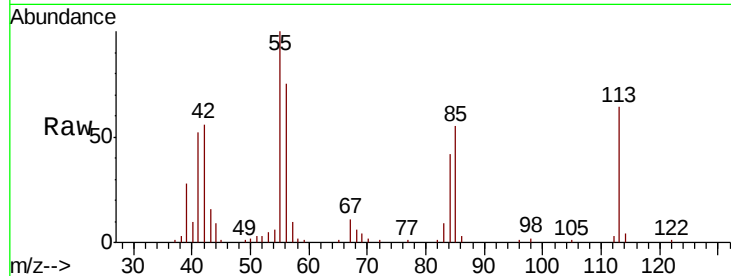




#35
Caprolactam
Concen: 17.756 ng
RT: 11.61 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

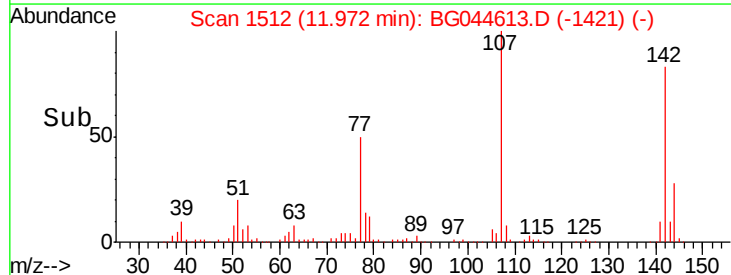
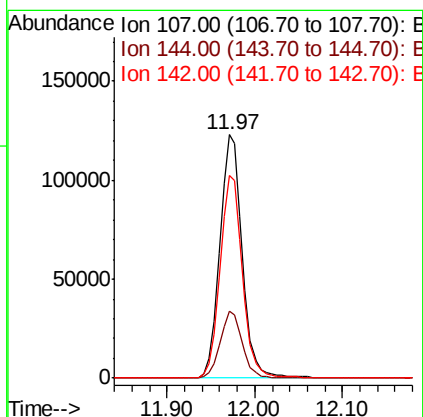
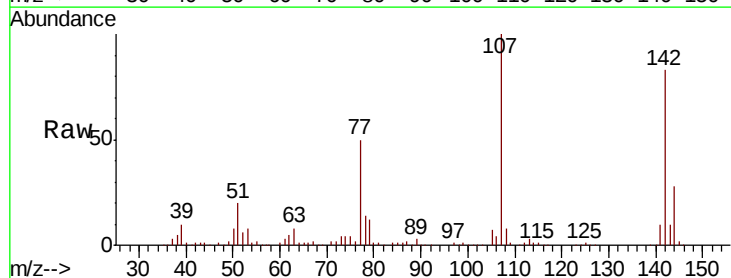
Instrument :
BNA_G
ClientSampleId :

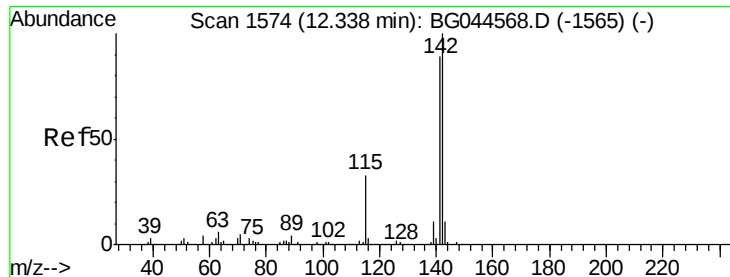
Tot Ion:113 Resp: 28099
Ion Ratio Lower Upper
113 100
55 157.3 127.8 167.8
56 117.5 86.9 126.9



#36
4-Chloro-3-methylphenol
Concen: 47.715 ng
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:107 Resp: 217117
Ion Ratio Lower Upper
107 100
144 27.5 22.3 33.5
142 83.3 69.3 103.9

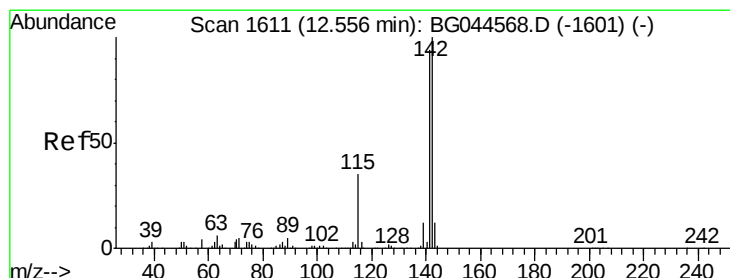
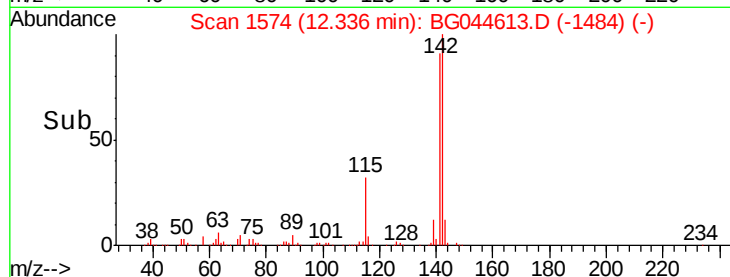
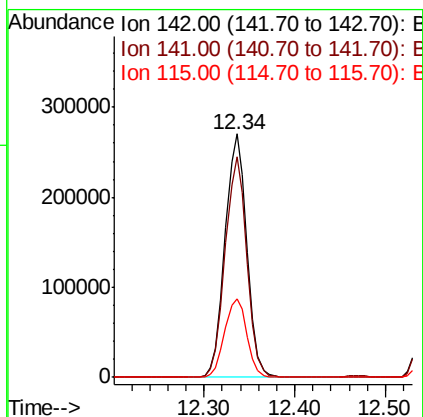
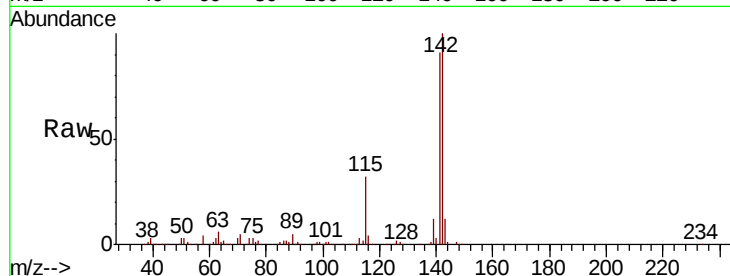




#37
2-Methylnaphthalene
Concen: 43.270 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

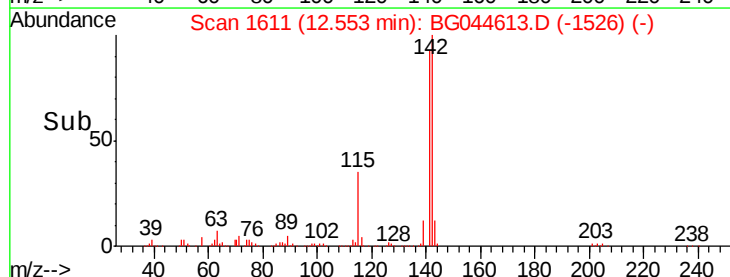
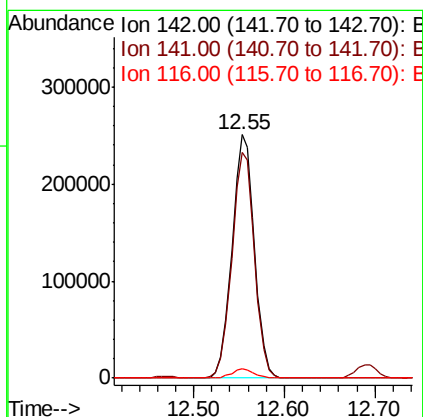
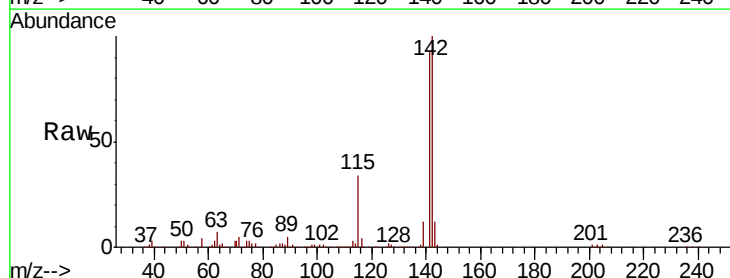
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 450571
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 32.2 26.2 39.2



#38
1-Methylnaphthalene
Concen: 43.136 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:142 Resp: 426798
Ion Ratio Lower Upper
142 100
141 92.6 75.1 112.7
116 3.7 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

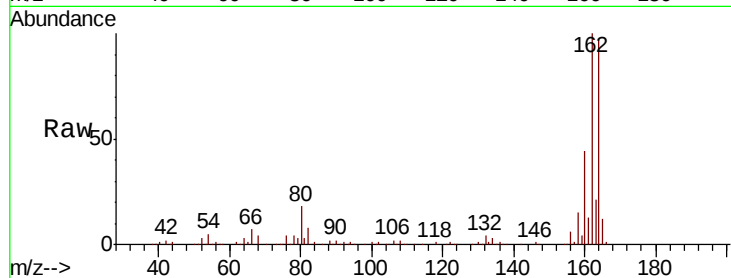
Tot Ion:164 Resp: 174020

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

160 45.3 36.2 54.4

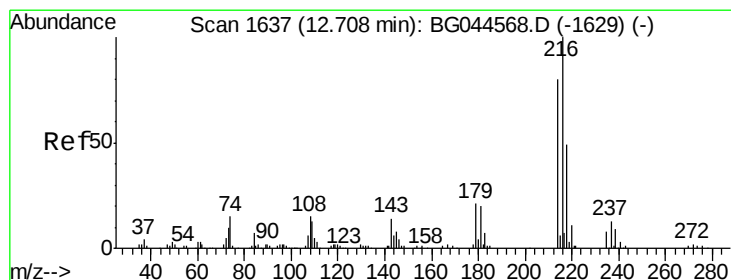
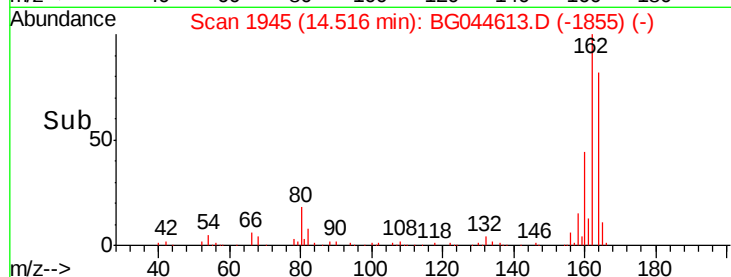
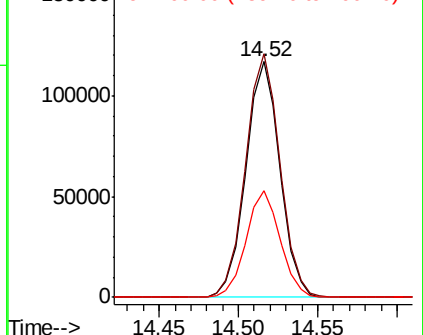


Abundance

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: 39.022 ng

RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:216 Resp: 228609

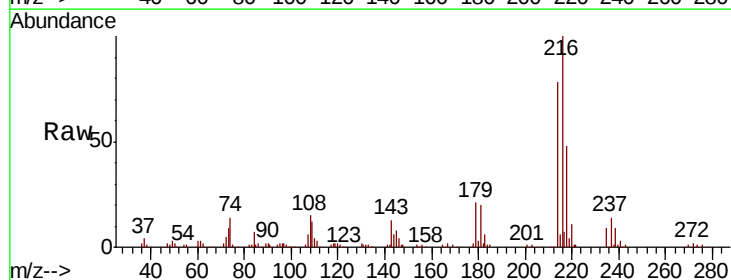
Ion Ratio Lower Upper

216 100

214 80.4 63.3 94.9

179 20.6 16.2 24.2

108 17.5 12.6 18.8



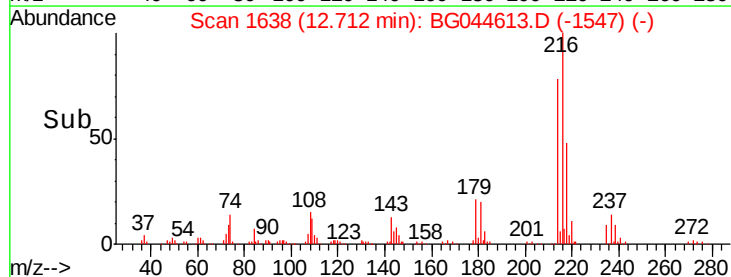
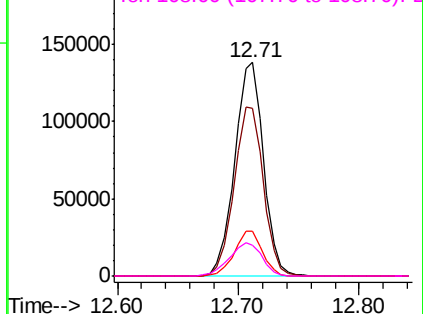
Abundance

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: 71.829 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

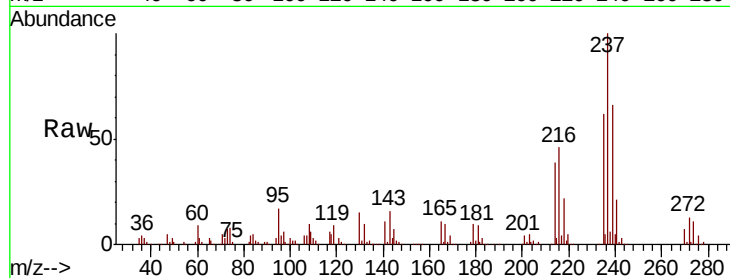
Tot Ion:237 Resp: 197818

Ion	Ratio	Lower	Upper
237	100		
235	61.9	40.7	80.7
272	12.9	0.0	32.7

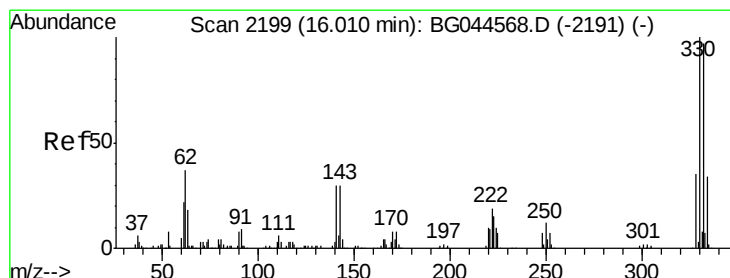
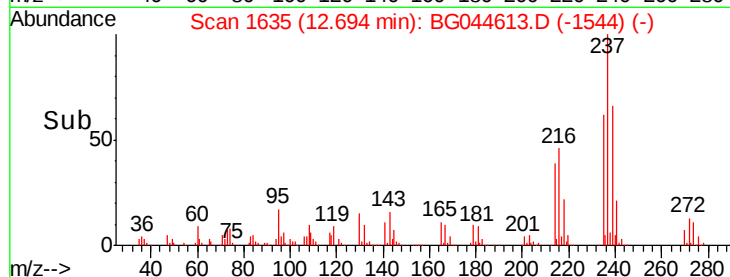
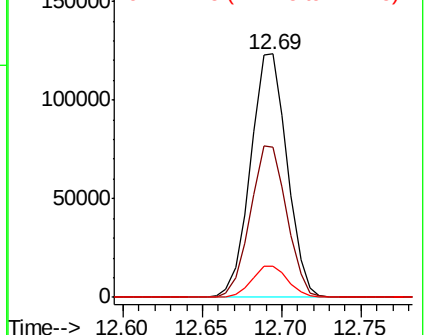
237 100

235 61.9 40.7 80.7

272 12.9 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: 131.183 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

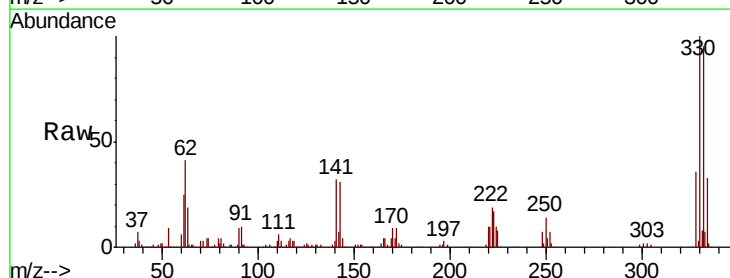
Tgt Ion:330 Resp: 323690

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	32.8	26.1	39.1

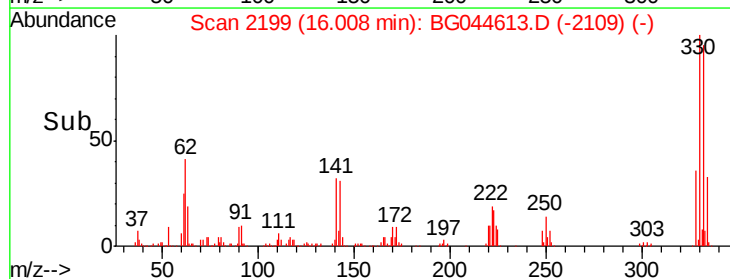
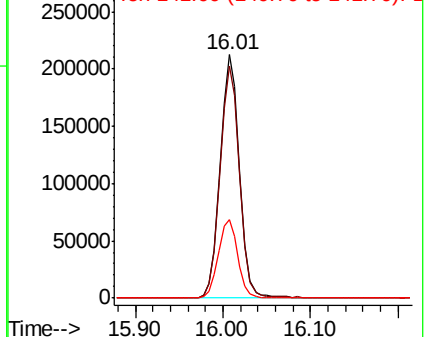
330 100

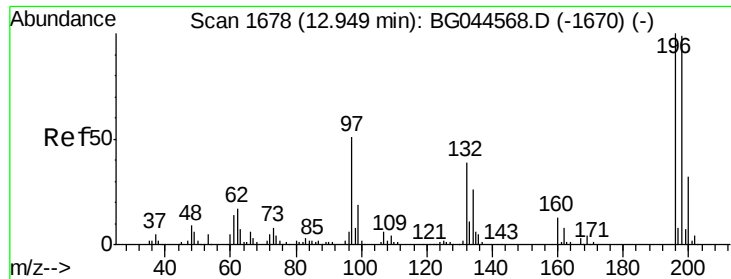
332 97.1 77.4 116.0

141 32.8 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

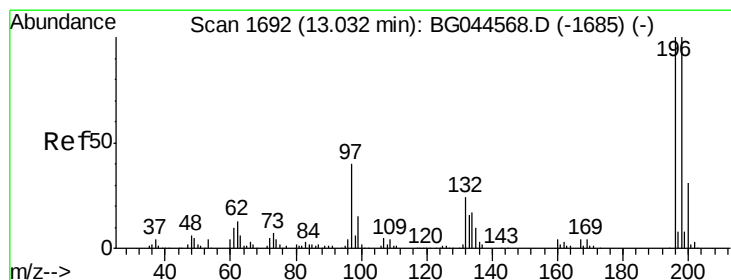
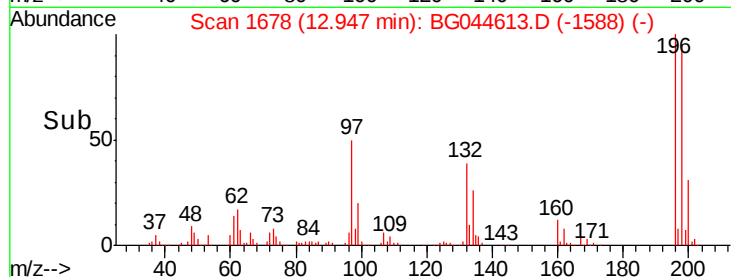
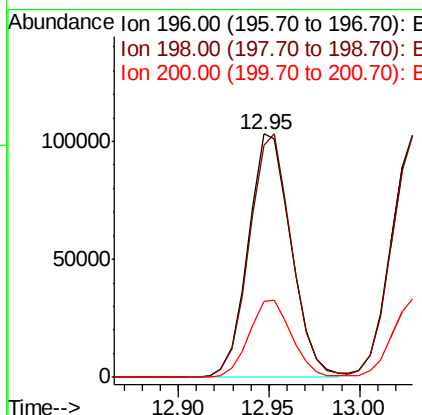
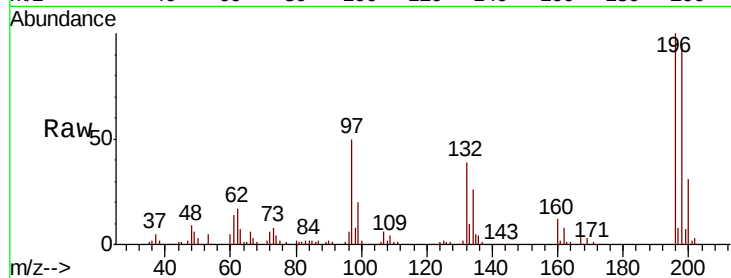




#43
 2,4,6-Trichlorophenol
 Concen: 44.442 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

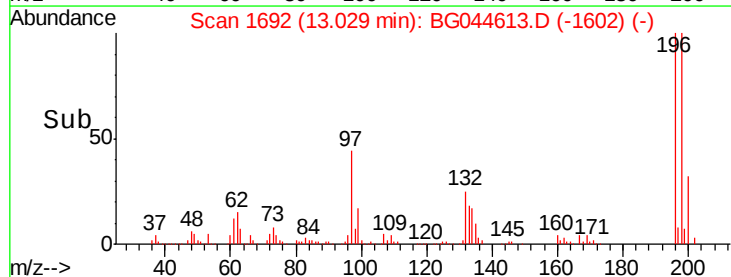
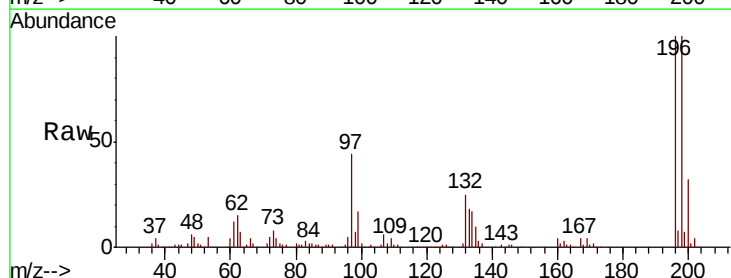
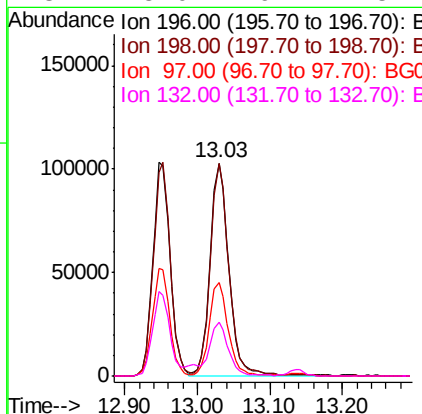
Instrument :
 BNA_G
 ClientSampleId :

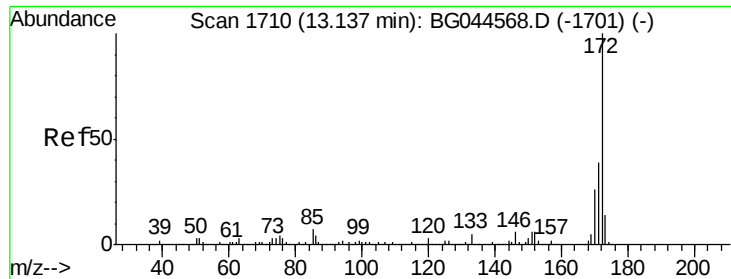
Tot Ion	196	Resp	169053
Ion Ratio	Lower	Upper	
196	100		
198	95.5	79.2	118.8
200	31.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.314 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	196	Resp	184882
Ion Ratio	Lower	Upper	
196	100		
198	99.7	79.3	118.9
97	43.8	32.3	48.5
132	25.0	19.1	28.7

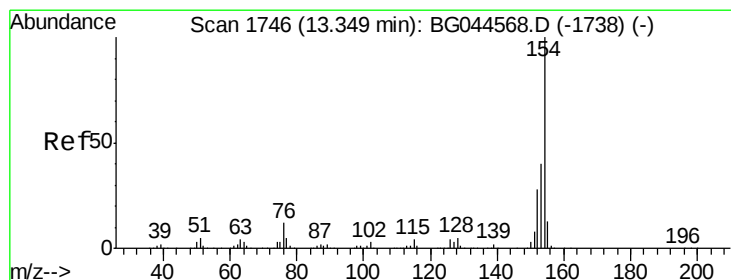
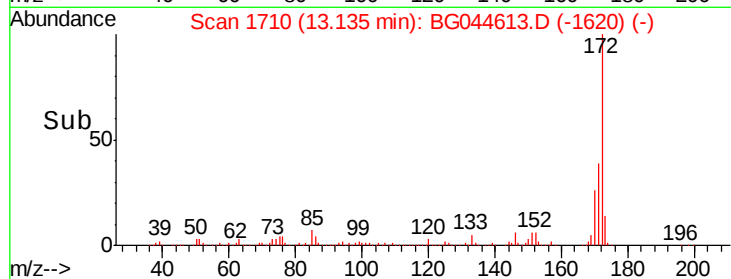
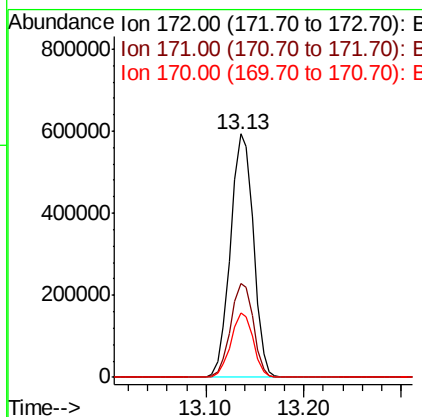
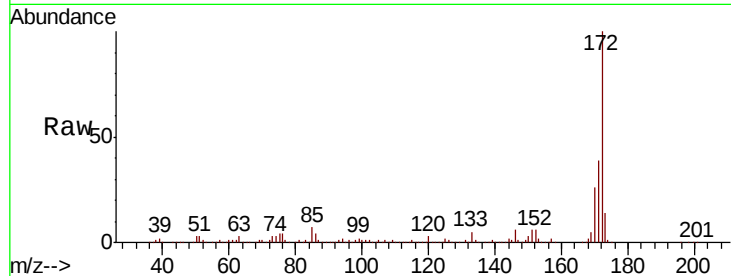




#45
 2-Fluorobiphenyl
 Concen: 79.322 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

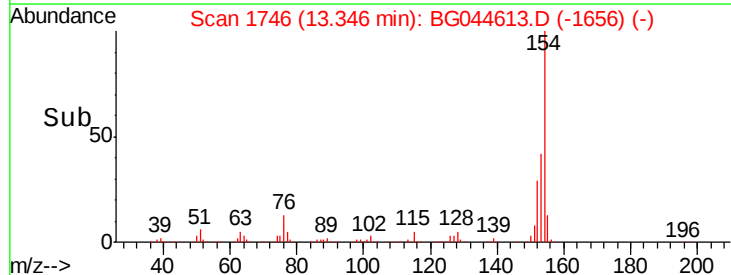
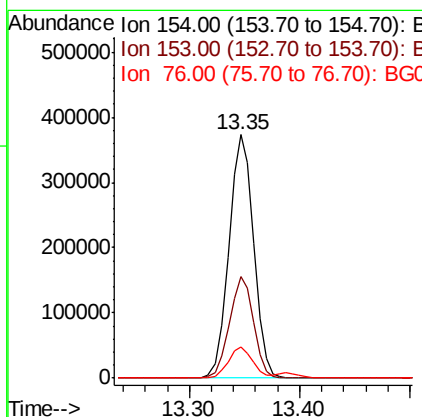
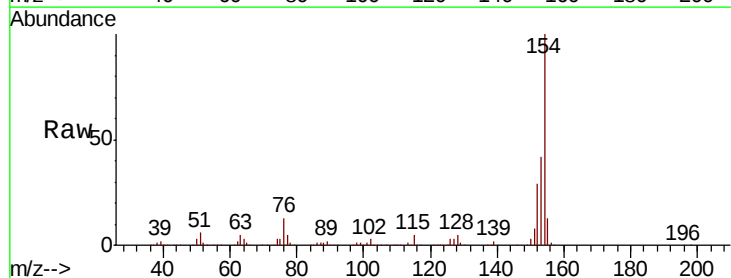
Instrument :
 BNA_G
 ClientSampleId :

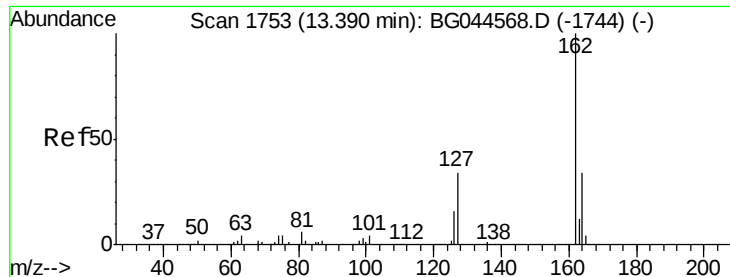
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	26.3	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 40.413 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.2	60.2
76	12.7	0.0	31.8





#47

2-Chloronaphthalene

Concen: 40.095 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

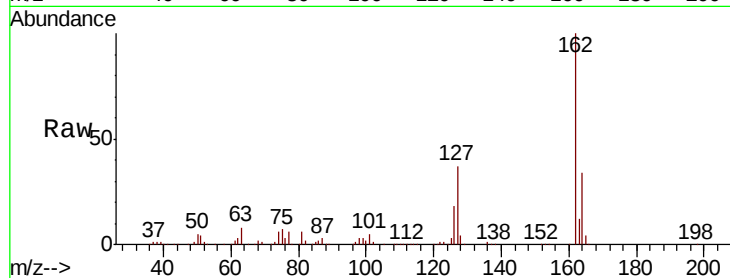
Tot Ion:162 Resp: 452772

Ion Ratio Lower Upper

162 100

127 36.8 28.7 43.1

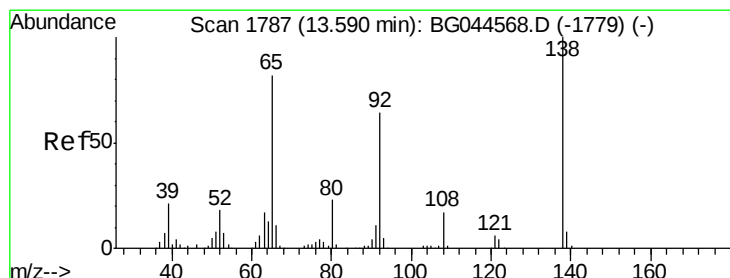
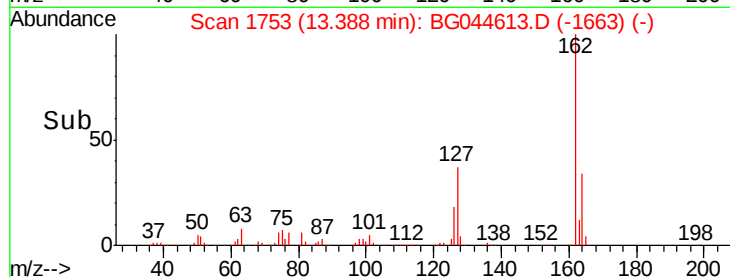
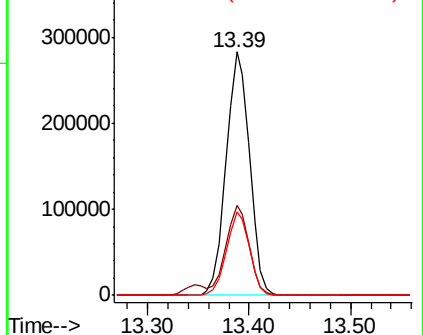
164 34.2 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.248 ng

RT: 13.59 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

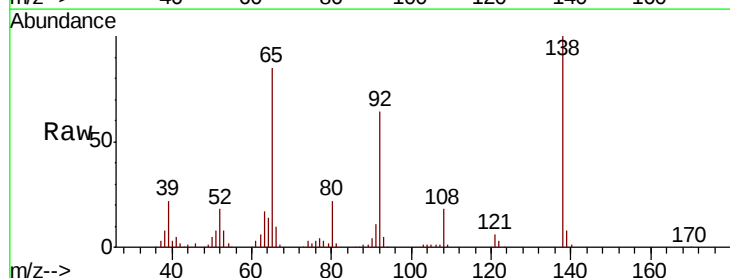
Tgt Ion: 65 Resp: 138705

Ion Ratio Lower Upper

65 100

92 75.4 62.2 93.2

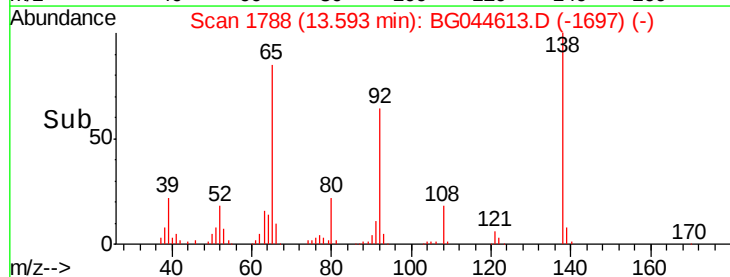
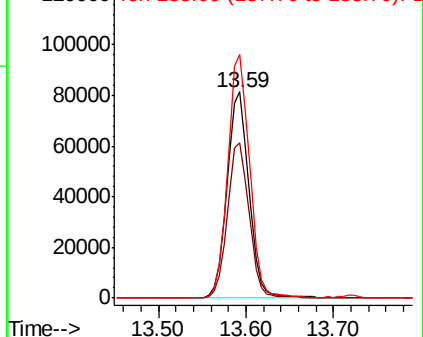
138 118.0 97.6 146.4

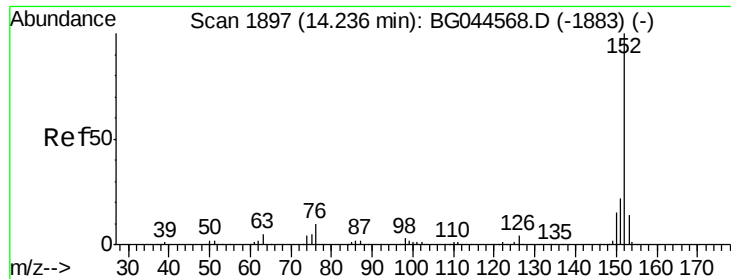


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.656 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

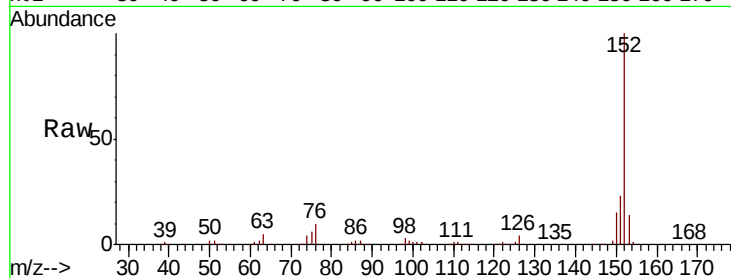
Tot Ion:152 Resp: 727723

Ion Ratio Lower Upper

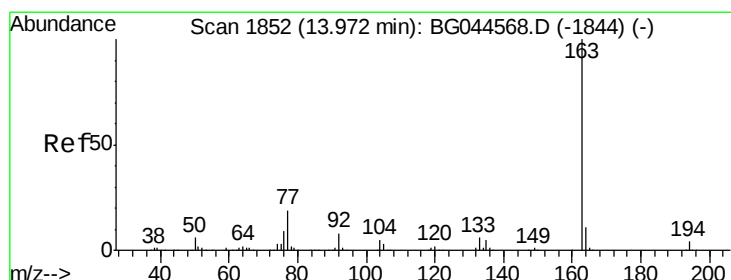
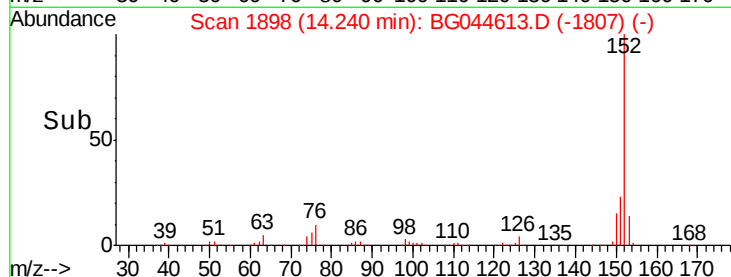
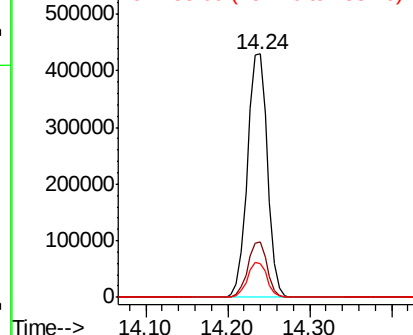
152 100

151 22.6 17.7 26.5

153 13.8 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: 45.915 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

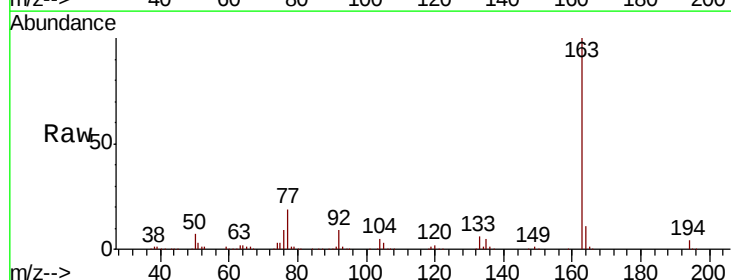
Tgt Ion:163 Resp: 644910

Ion Ratio Lower Upper

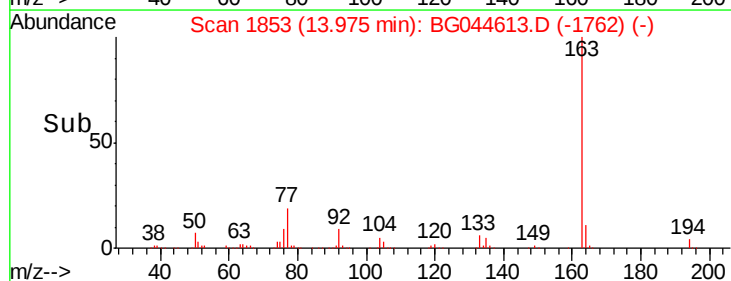
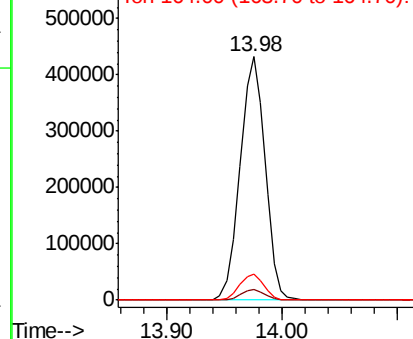
163 100

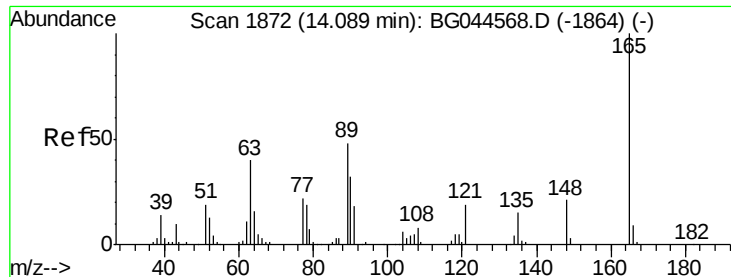
194 4.3 3.4 5.0

164 10.6 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 45.166 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

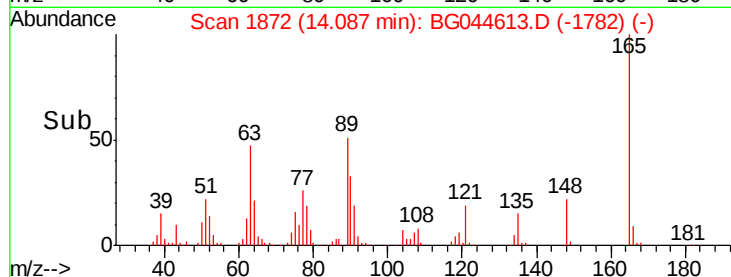
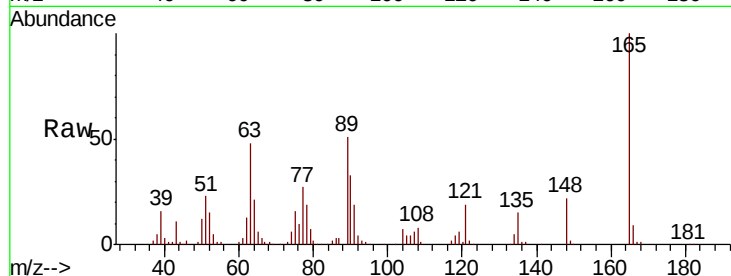
Tot Ion:165 Resp: 139912

Ion Ratio Lower Upper

165 100

63 47.6 35.8 53.6

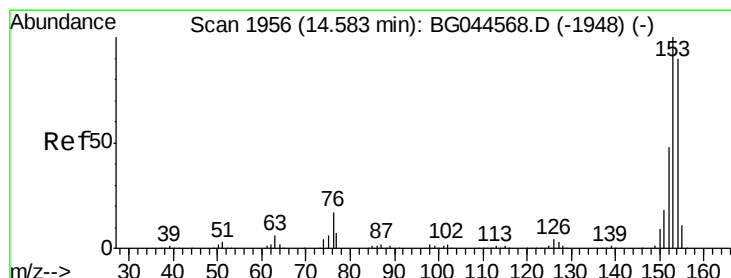
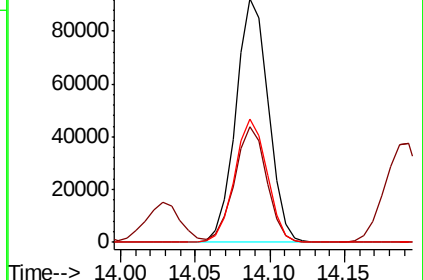
89 50.8 38.7 58.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.269 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

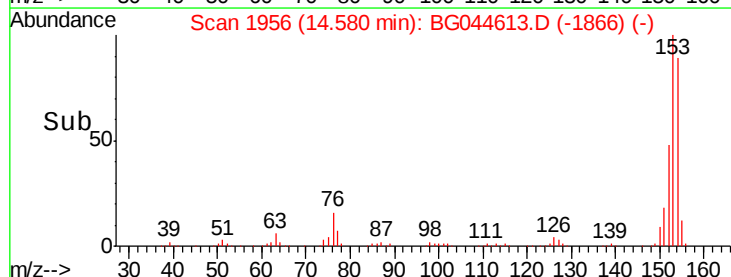
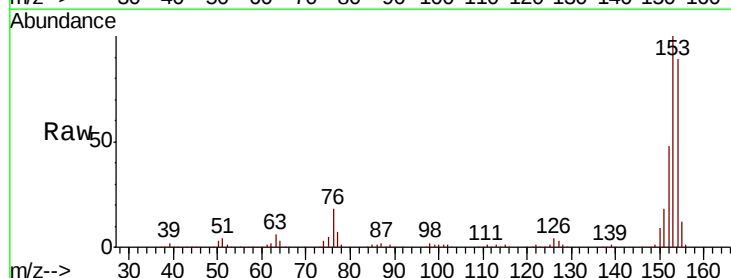
Tgt Ion:154 Resp: 449147

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.0

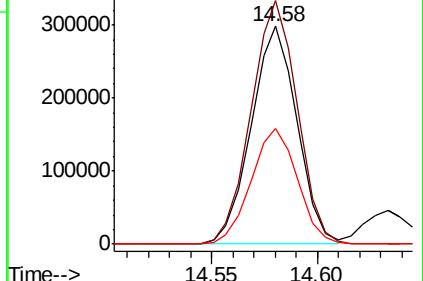
152 53.4 43.0 64.4

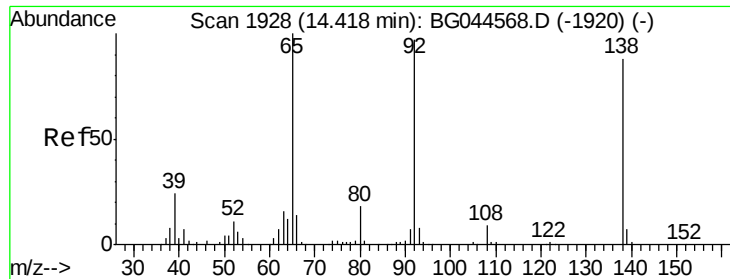


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

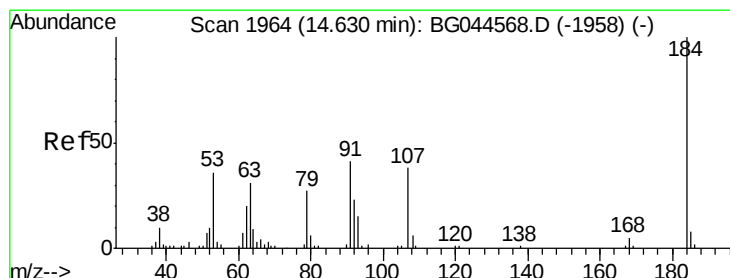
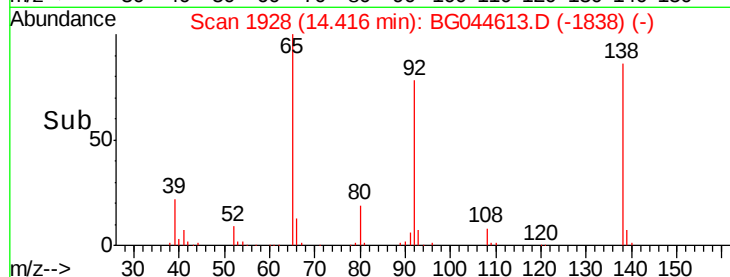
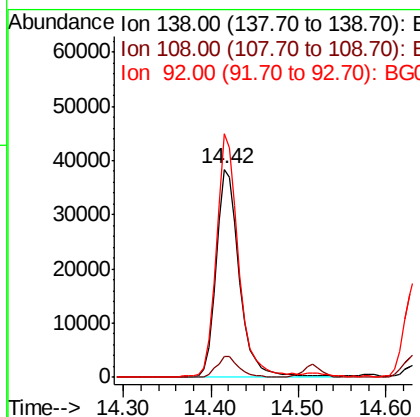
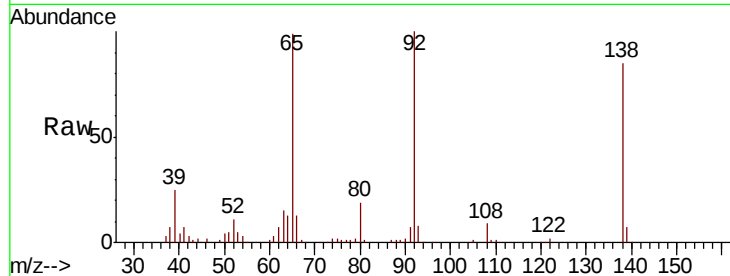




#53
 3-Nitroaniline
 Concen: 21.118 ng
 RT: 14.42 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

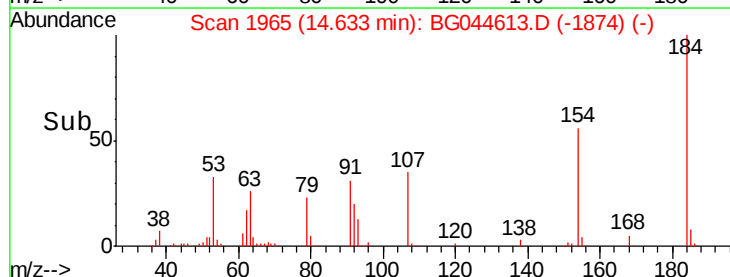
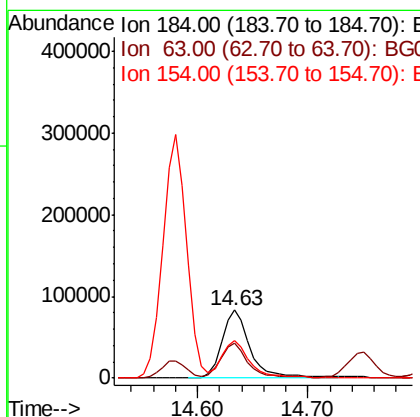
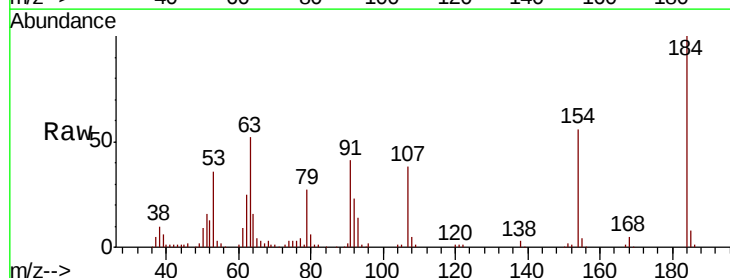
Instrument :
 BNA_G
 ClientSampleId :

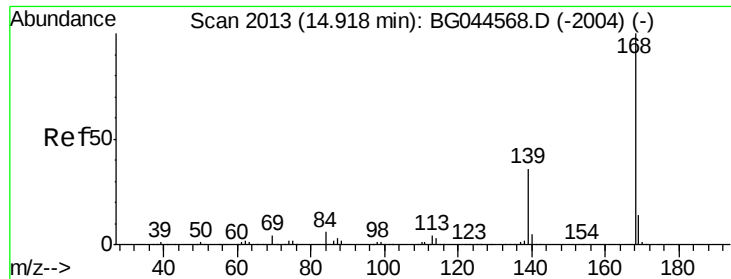
Tot Ion:138 Resp: 70553
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.9 11.9
 92 117.1 87.4 131.2



#54
 2,4-Dinitrophenol
 Concen: 80.152 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:184 Resp: 147967
 Ion Ratio Lower Upper
 184 100
 63 52.0 42.1 63.1
 154 55.8 43.4 65.2

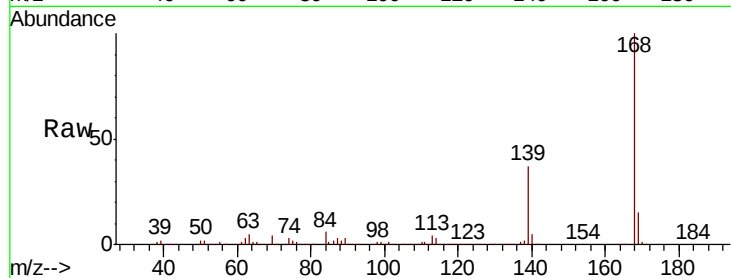




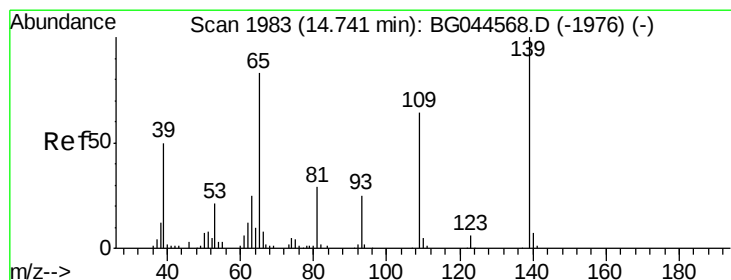
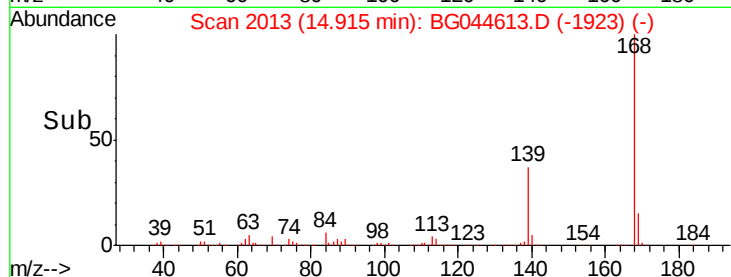
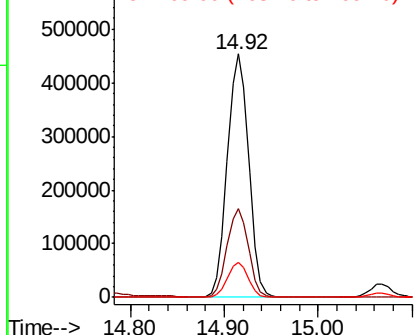
#55
Dibenzofuran
Concen: 43.942 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 715814
Ion Ratio Lower Upper
168 100
139 36.7 29.2 43.8
169 14.6 11.0 16.6

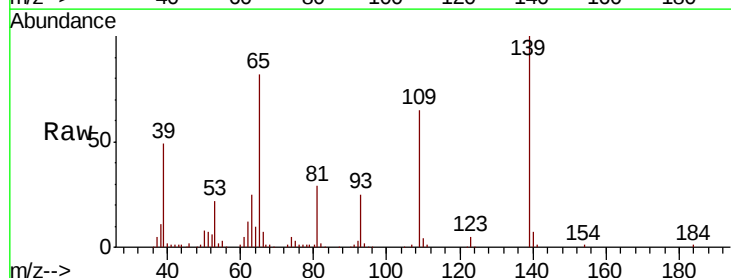


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

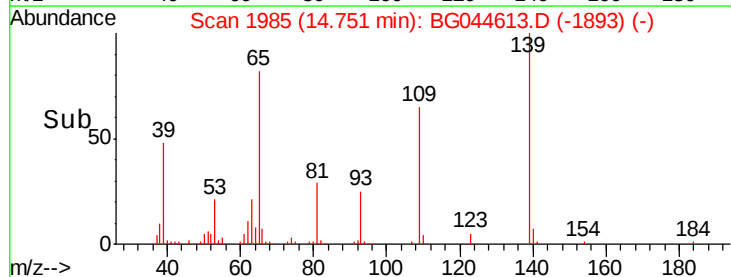
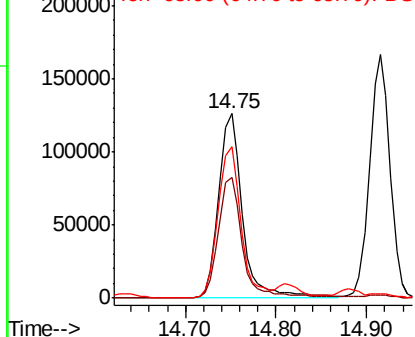


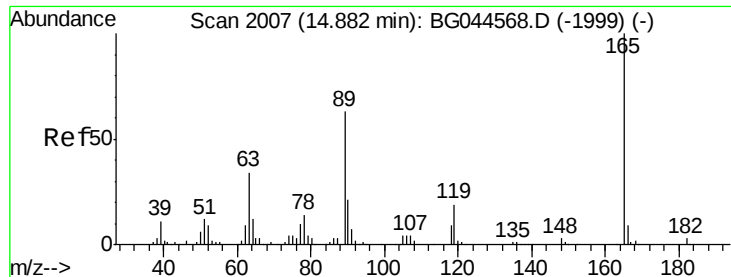
#56
4-Nitrophenol
Concen: 100.336 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:139 Resp: 230578
Ion Ratio Lower Upper
139 100
109 65.4 43.8 83.8
65 82.5 63.6 103.6



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

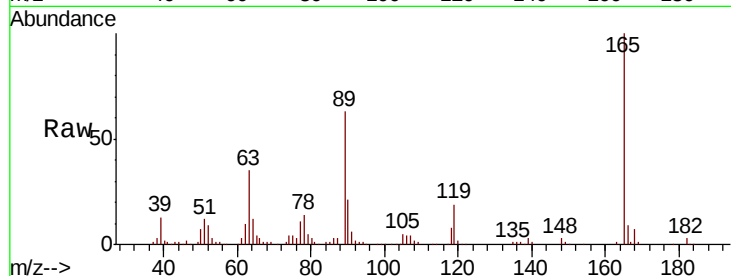




#57
2,4-Dinitrotoluene
Concen: 45.887 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.5	41.3
89	63.3	50.0	75.0
182	3.0	2.3	3.5



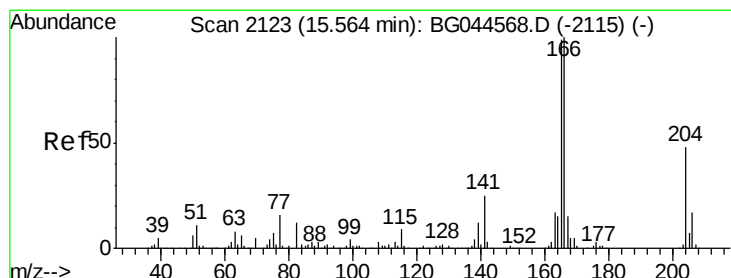
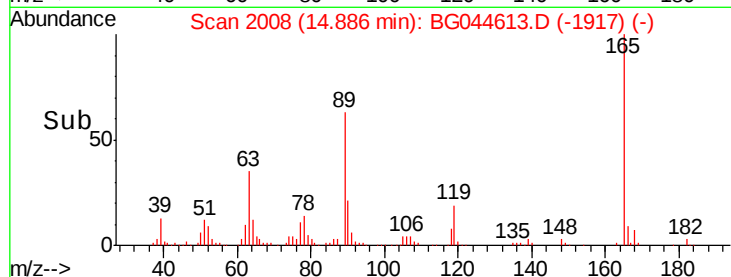
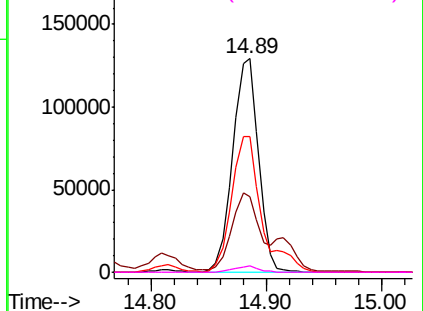
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

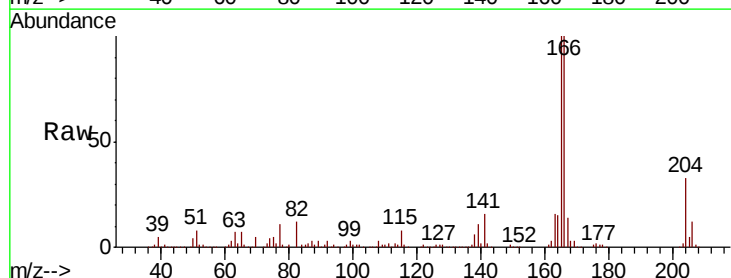
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.386 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.2	118.8
167	14.1	11.7	17.5

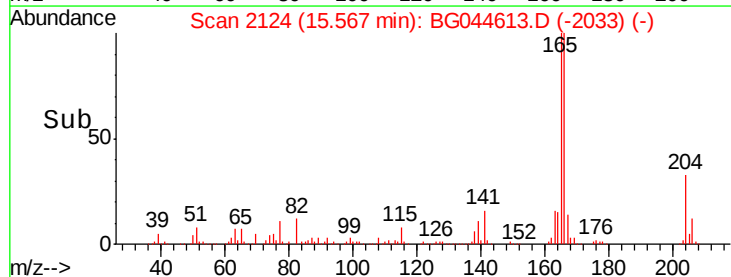
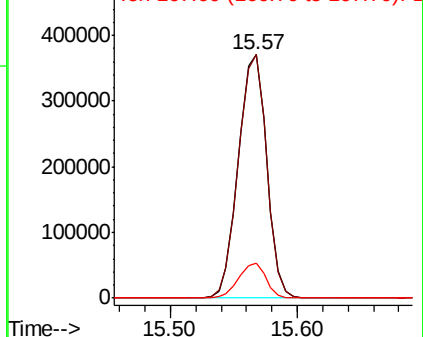


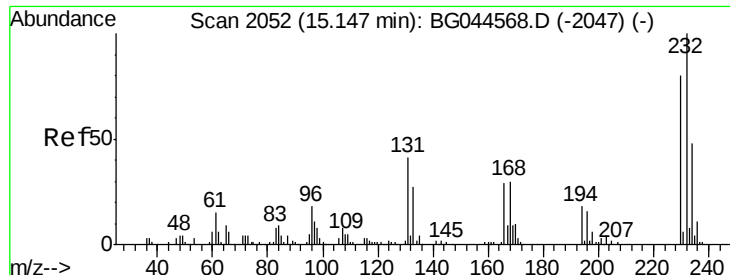
Abundance

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: 47.460 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 170778

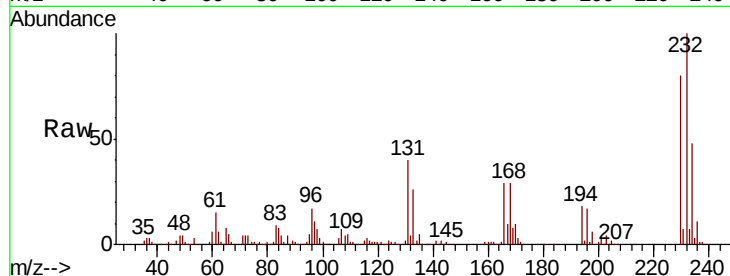
Ion Ratio Lower Upper

232 100

131 40.9 31.8 47.6

130 2.3 1.8 2.6

166 28.9 22.7 34.1

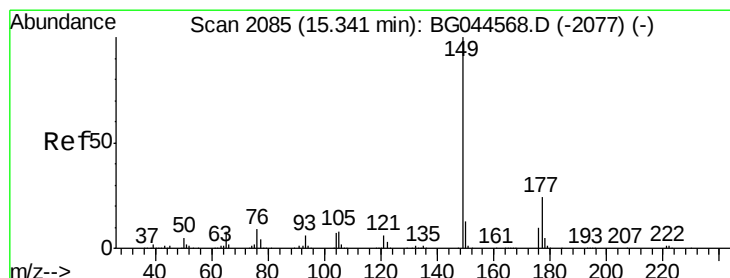
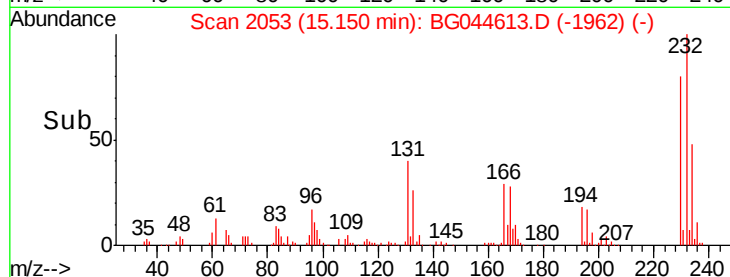
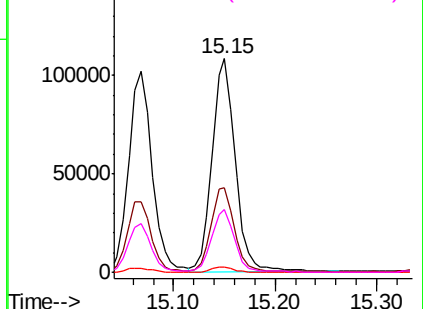


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.792 ng

RT: 15.34 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

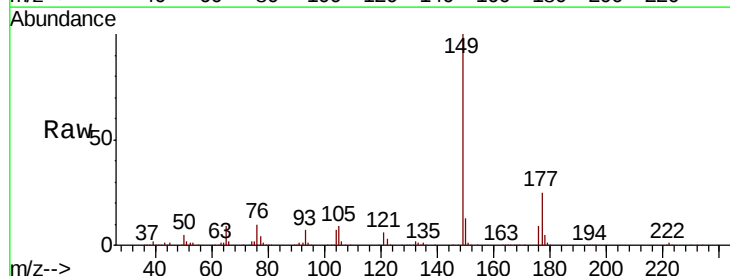
Tgt Ion:149 Resp: 623368

Ion Ratio Lower Upper

149 100

177 24.7 19.2 28.8

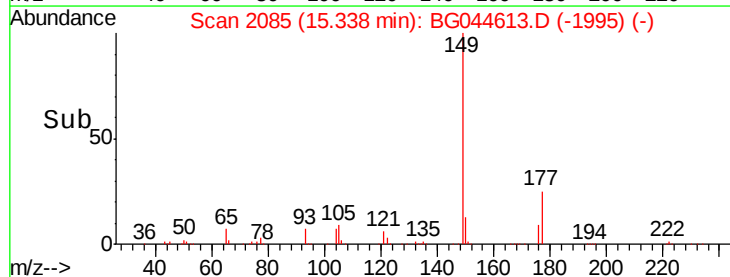
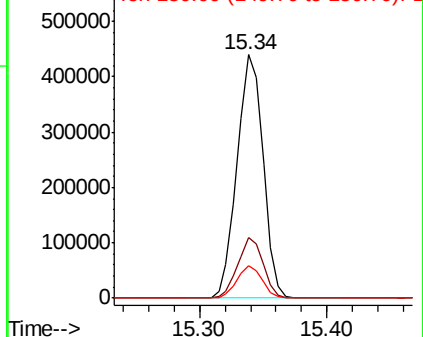
150 13.2 10.2 15.4

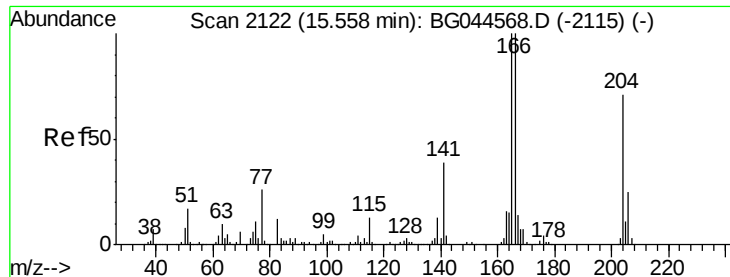


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

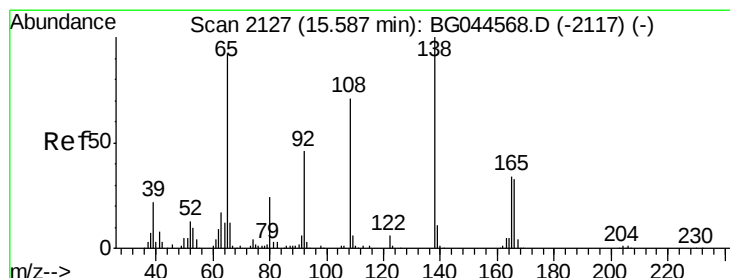
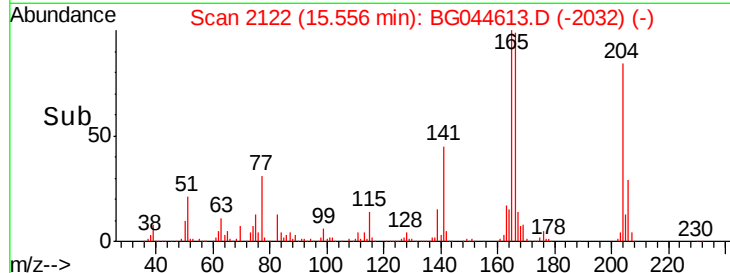
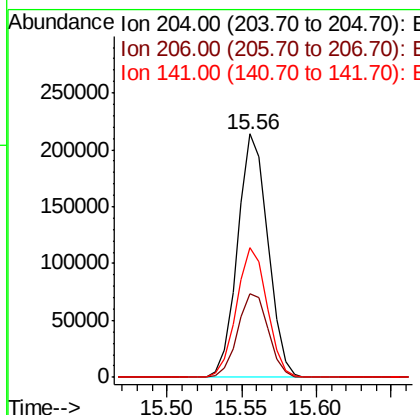
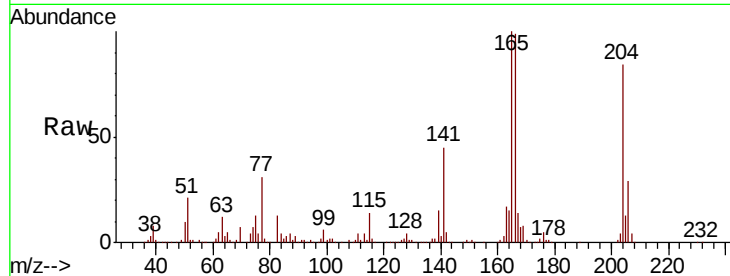




#61
 4-Chlorophenyl-phenylether
 Concen: 42.980 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

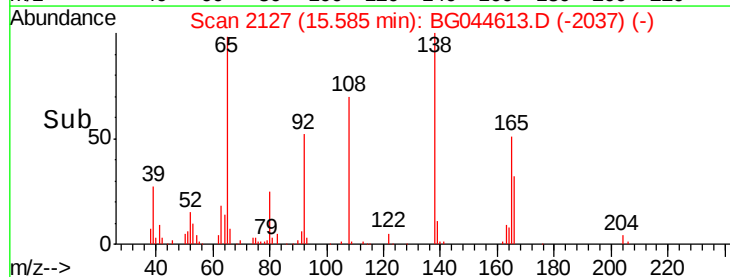
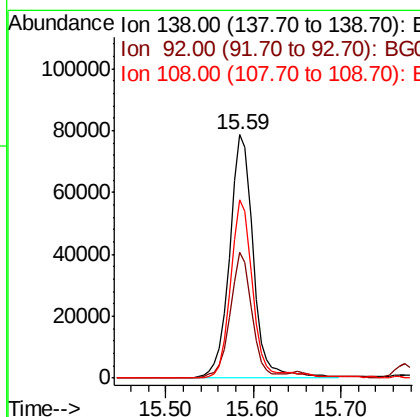
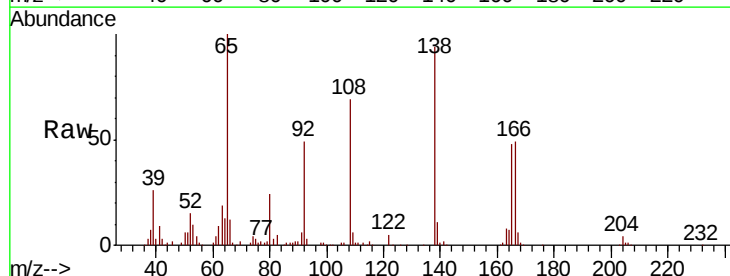
Instrument :
 BNA_G
 ClientSampled :

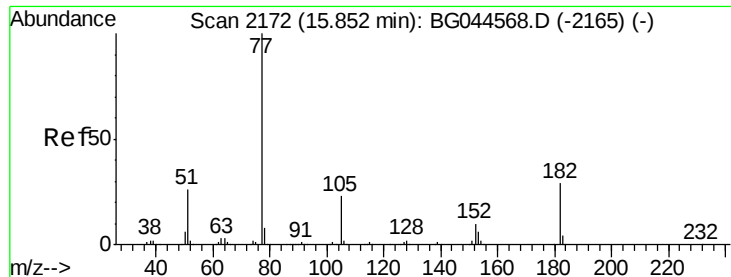
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.8	41.8
141	53.4	43.8	65.8



#62
 4-Nitroaniline
 Concen: 43.141 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	26.4	66.4
108	73.1	50.5	90.5

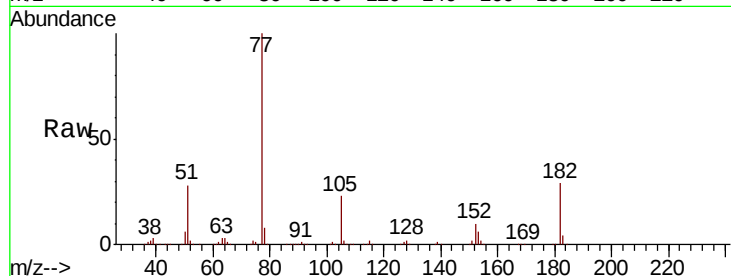




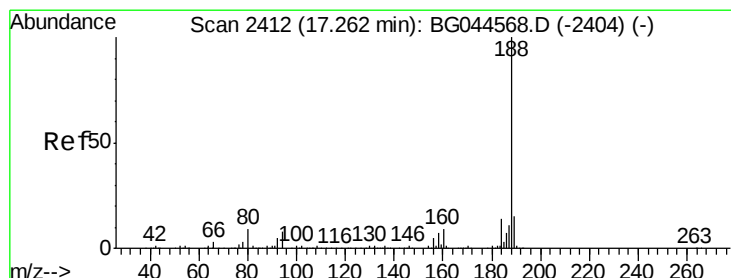
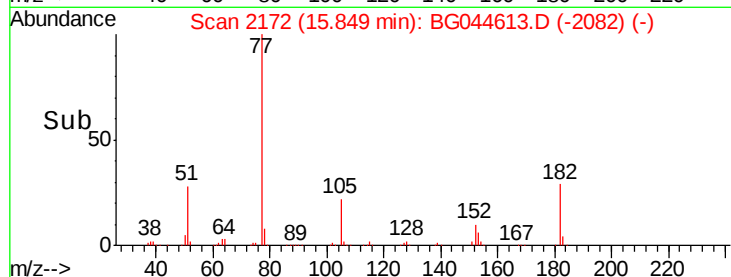
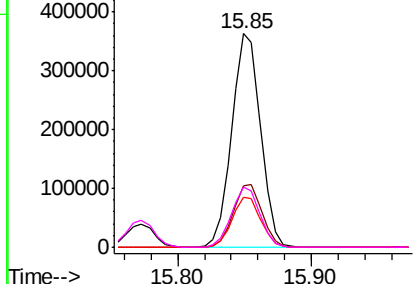
#63
Azobenzene
Concen: 45.809 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	542564
Ion	Ratio	Lower	Upper
77	100		
182	28.9	9.4	49.4
105	23.1	3.4	43.4
51	28.3	6.4	46.4

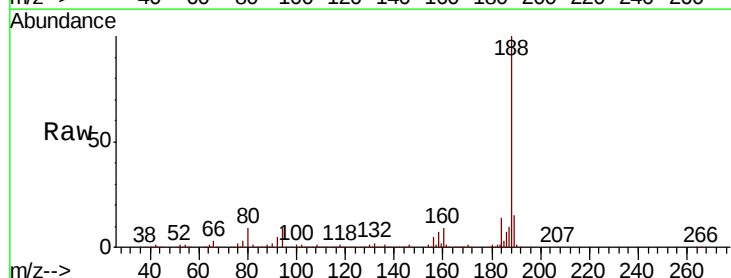


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

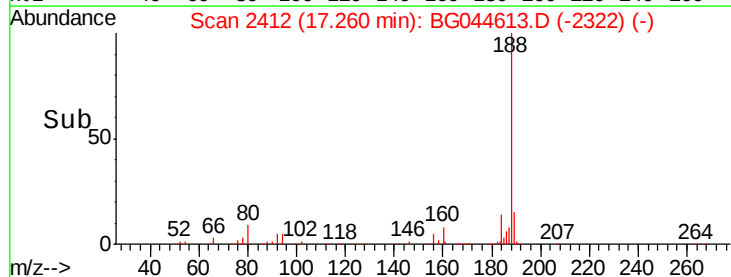
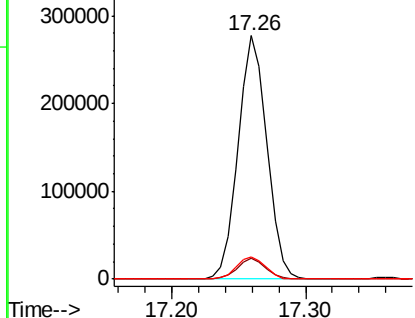


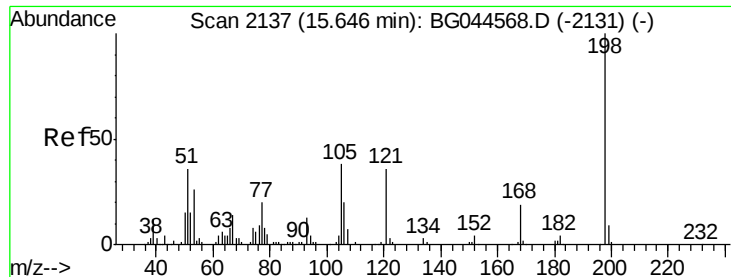
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:	188	Resp:	412997
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.1	7.6	11.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.075 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

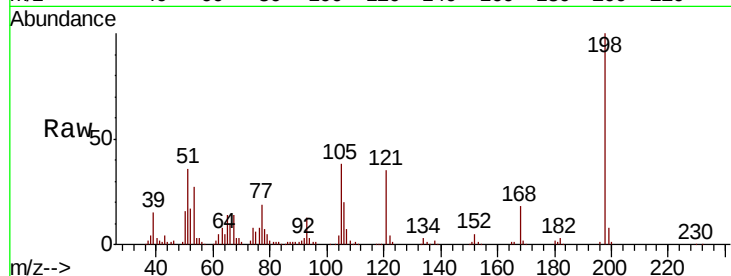
Tot Ion:198 Resp: 120383

Ion Ratio Lower Upper

198 100

51 36.0 17.0 57.0

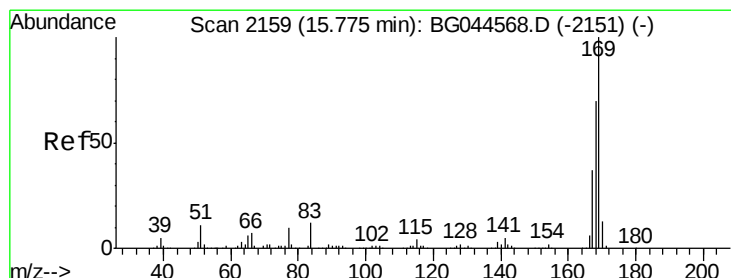
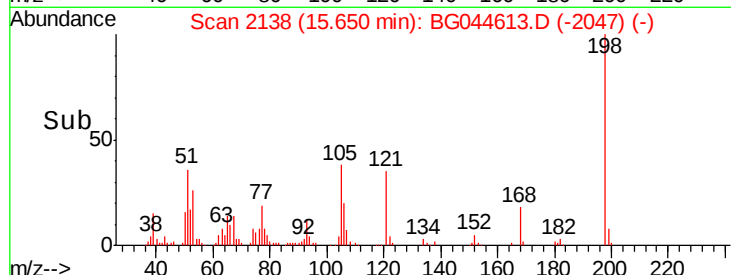
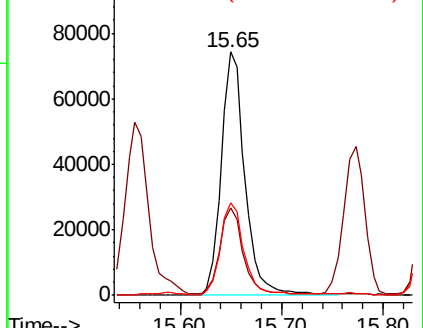
105 38.2 18.4 58.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.714 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

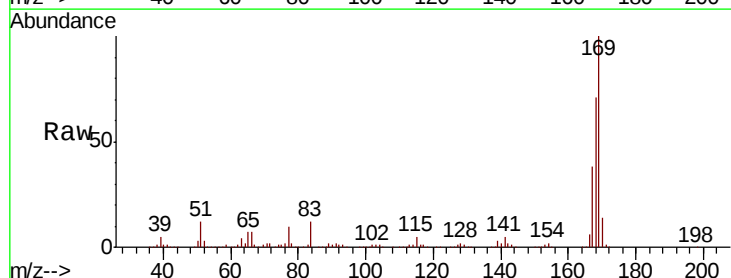
Tgt Ion:169 Resp: 550266

Ion Ratio Lower Upper

169 100

168 70.6 56.1 84.1

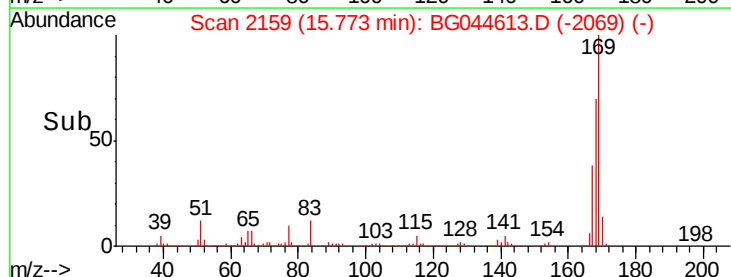
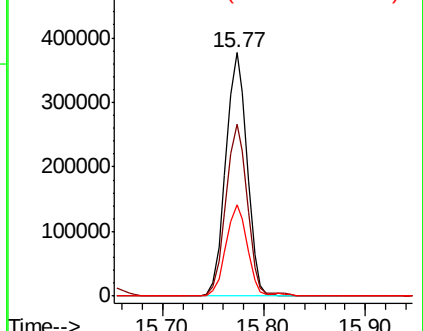
167 37.7 29.4 44.0

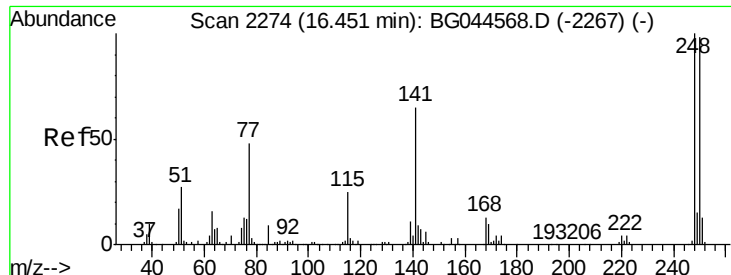


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

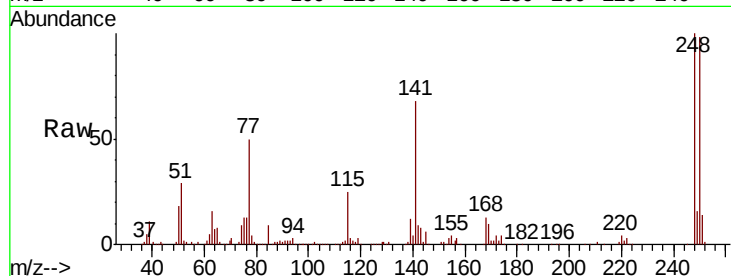




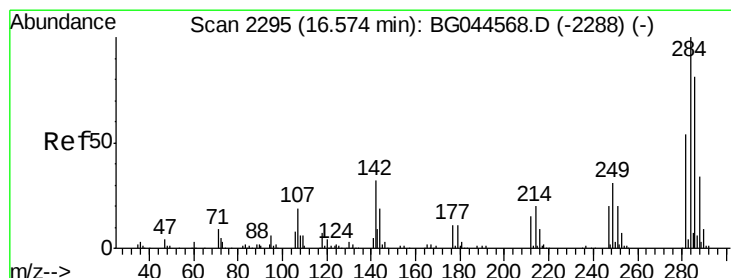
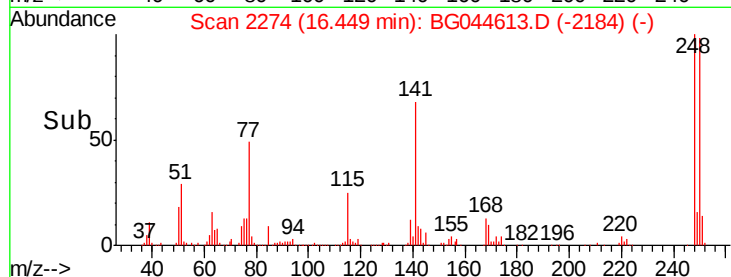
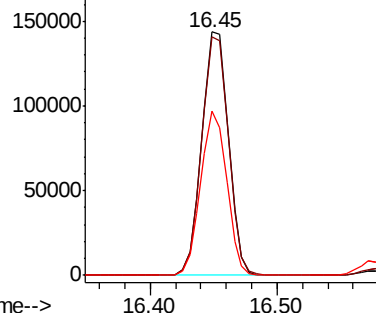
#67
4-Bromophenyl-phenylether
Concen: 40.581 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 208036
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 67.6 52.3 78.5

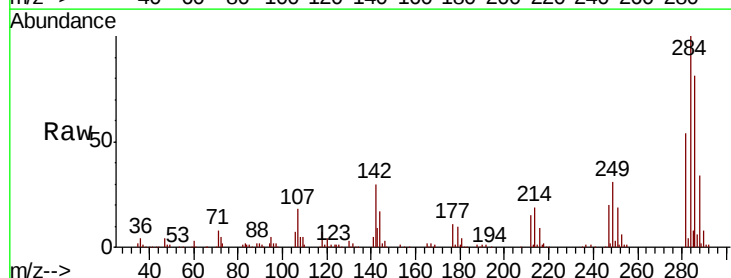


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

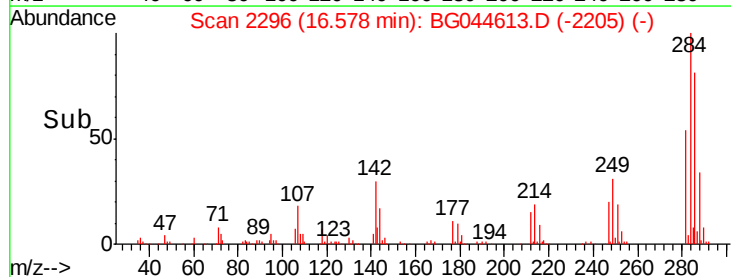
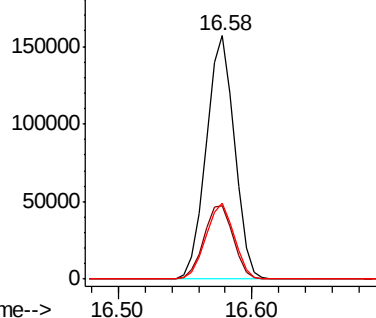


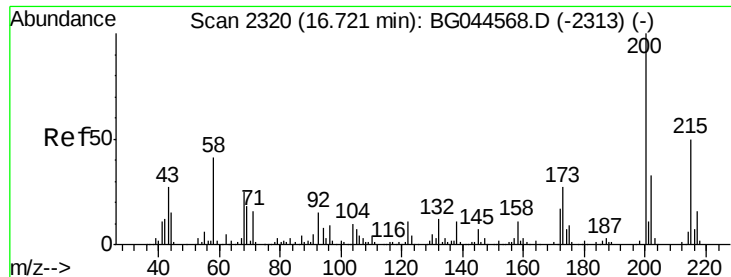
#68
Hexachlorobenzene
Concen: 39.723 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:284 Resp: 230232
Ion Ratio Lower Upper
284 100
142 29.9 25.6 38.4
249 31.1 24.6 36.8



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

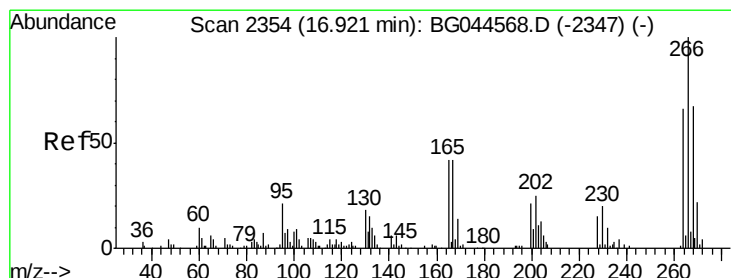
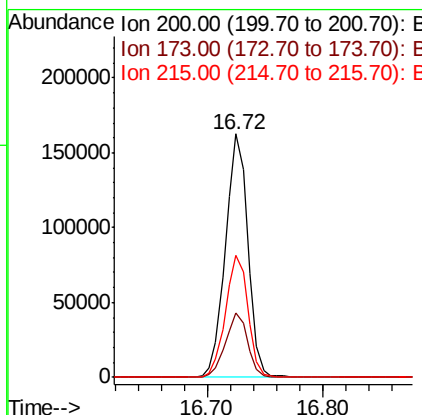
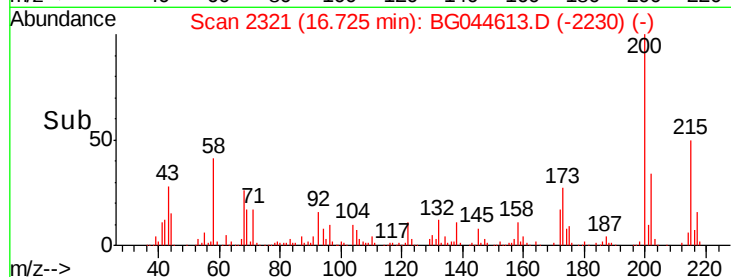
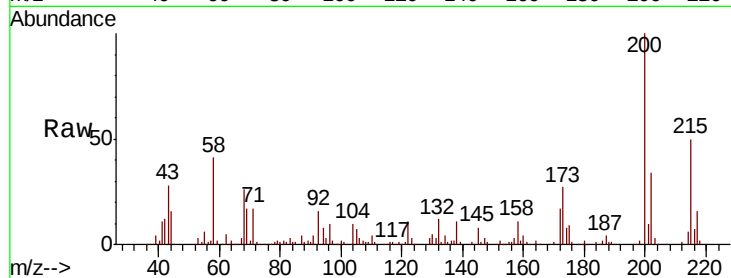




#69
 Atrazine
 Concen: 45.902 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

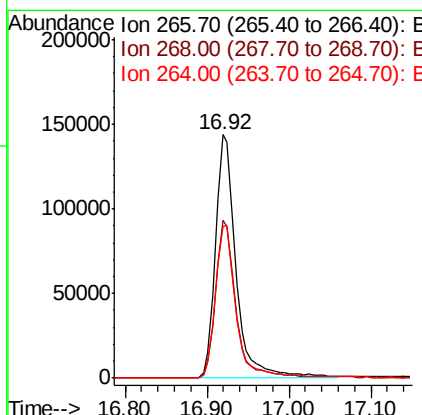
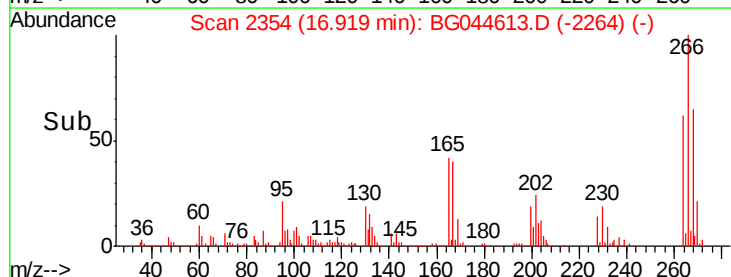
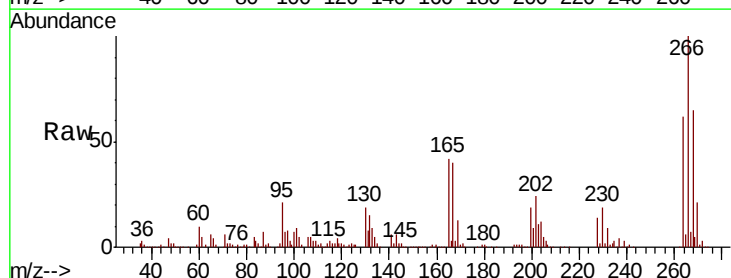
Instrument :
 BNA_G
 ClientSampleId :

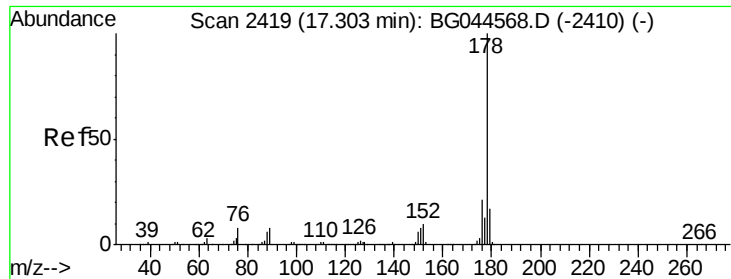
Tot Ion:200 Resp: 218607
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.6 46.6
 215 50.1 30.3 70.3



#70
 Pentachlorophenol
 Concen: 88.713 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:266 Resp: 254074
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.4 80.0
 264 62.5 53.0 79.4

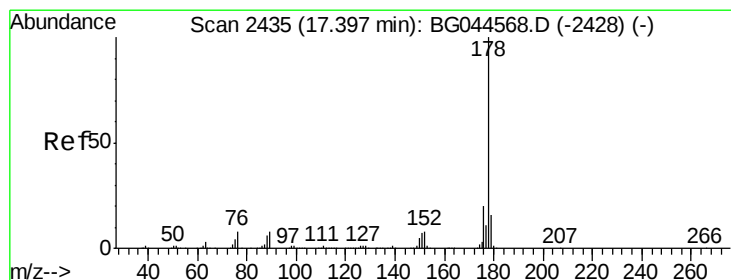
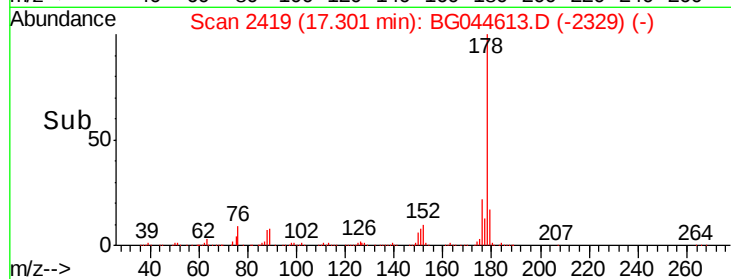
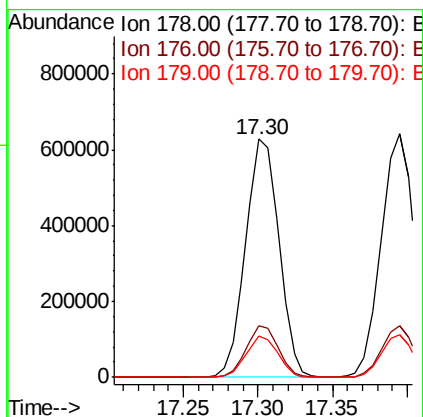
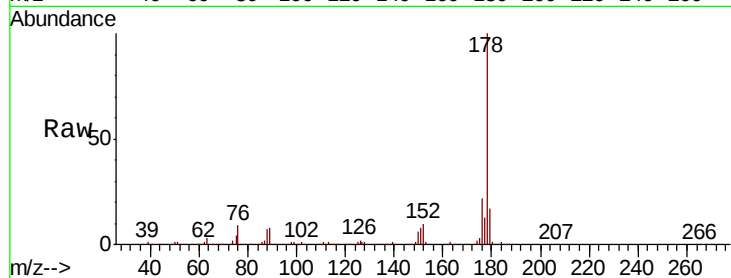




#71
Phenanthrene
Concen: 42.523 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

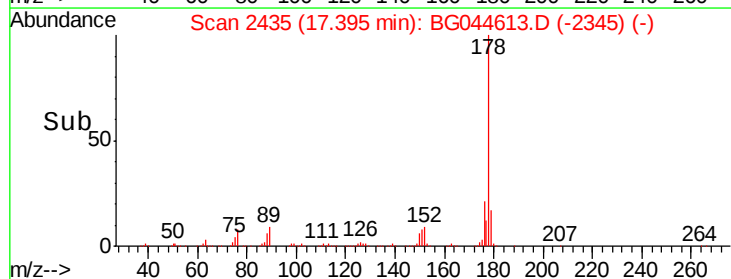
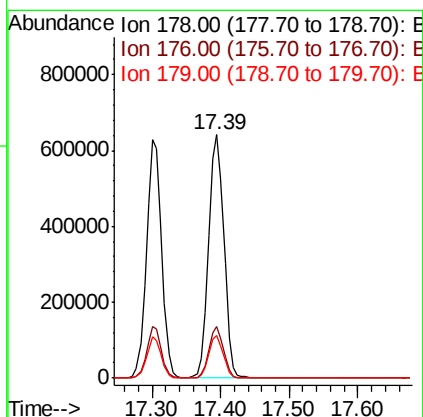
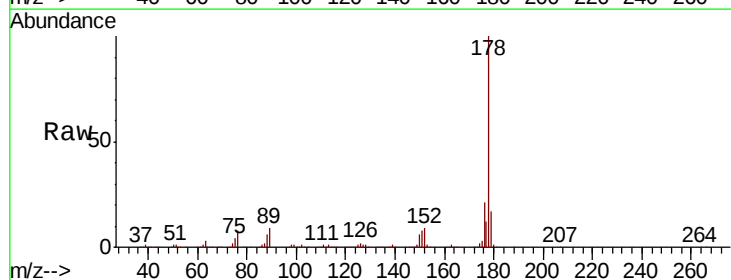
Instrument :
BNA_G
ClientSampleId :

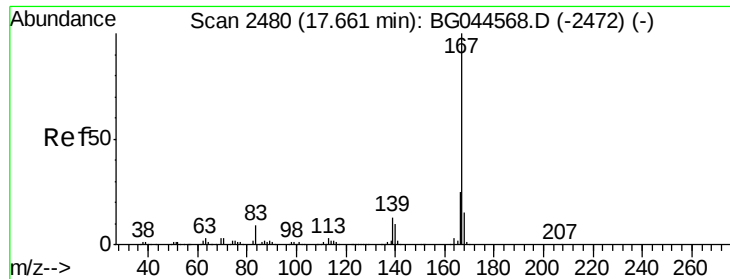
Tot Ion:178 Resp: 972289
Ion Ratio Lower Upper
178 100
176 21.5 16.6 25.0
179 17.5 13.3 19.9



#72
Anthracene
Concen: 44.278 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:178 Resp: 997706
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 17.3 13.1 19.7

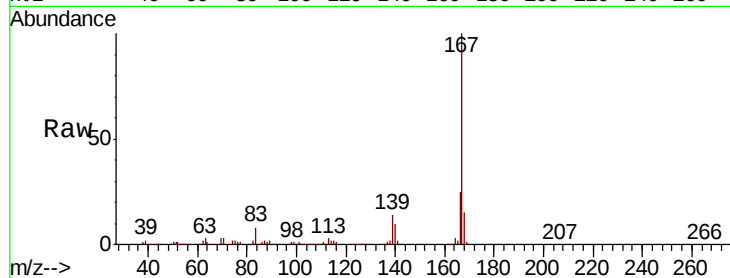




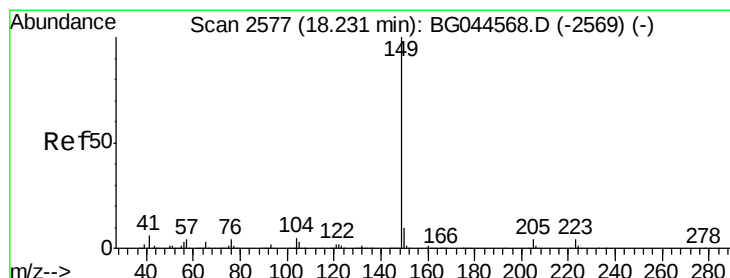
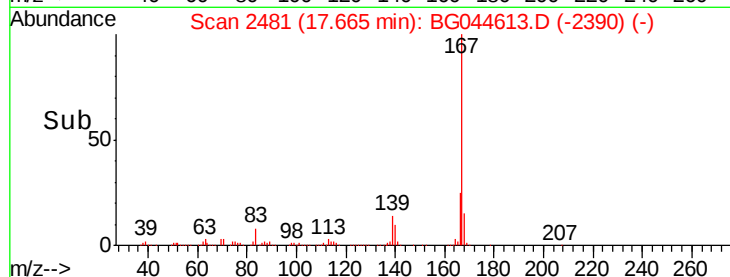
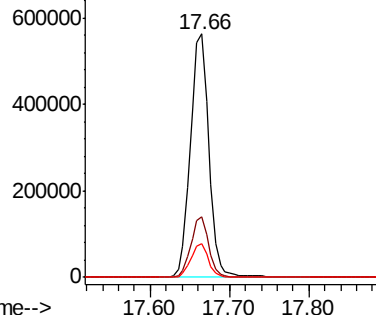
#73
 Carbazole
 Concen: 44.513 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.7	29.5
139	13.7	10.6	15.8

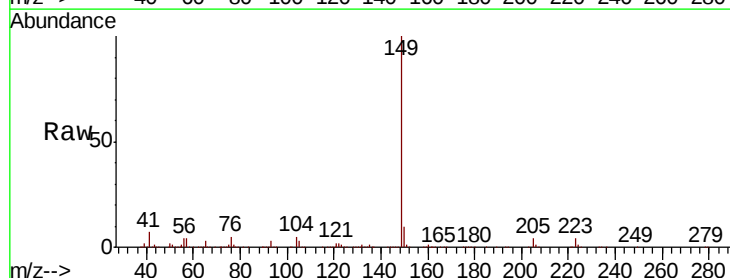


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

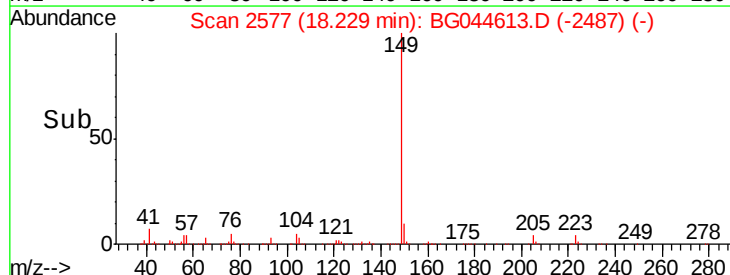
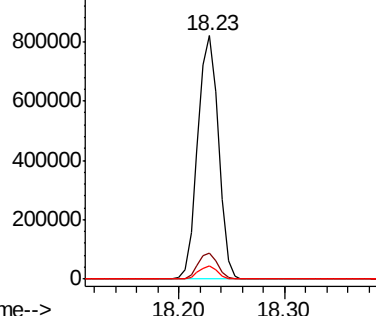


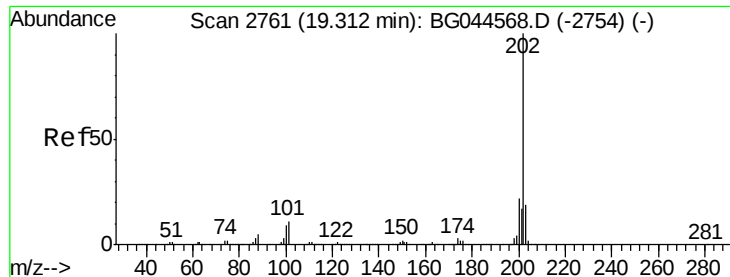
#74
 Di-n-butylphthalate
 Concen: 43.163 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.3	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.891 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

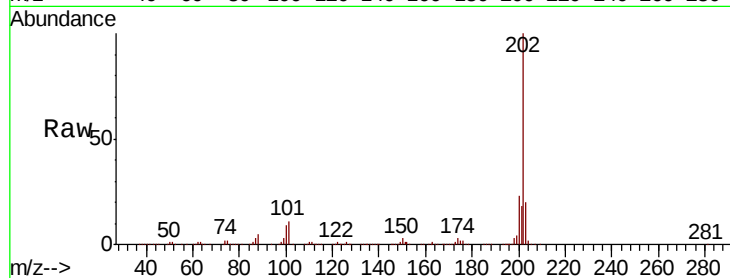
Tot Ion:202 Resp: 1188016

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

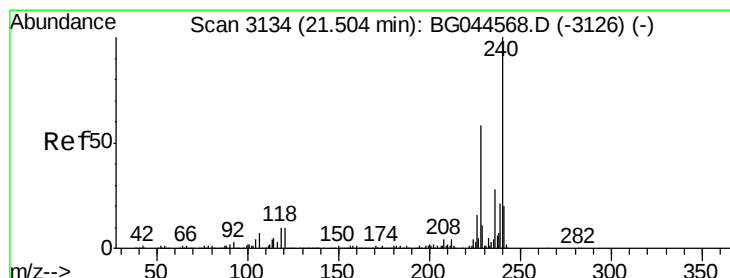
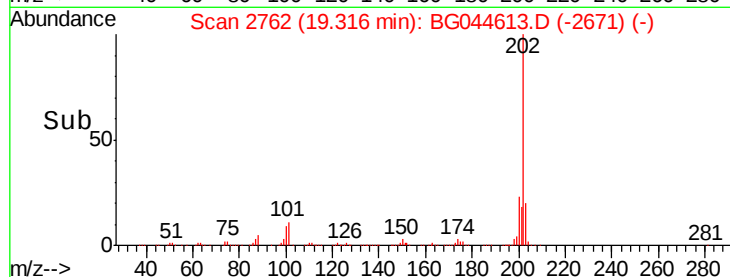
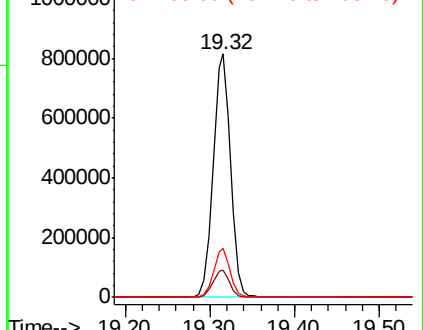
203 20.0 0.0 39.2



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

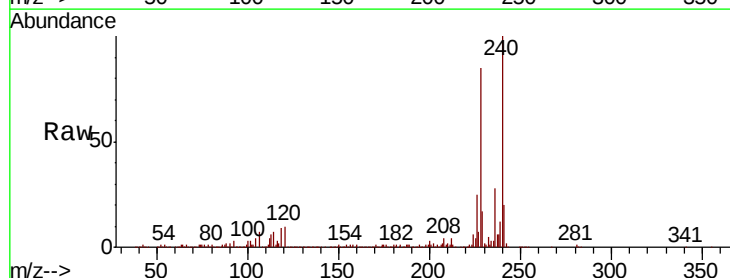
Tgt Ion:240 Resp: 415021

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

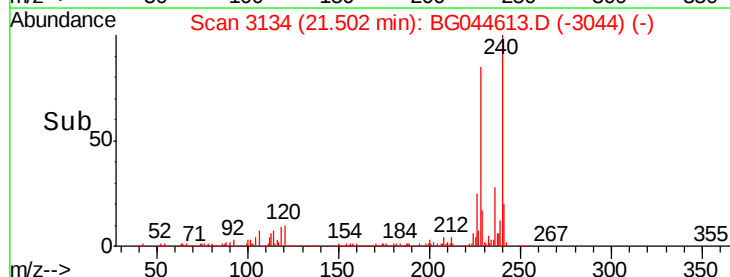
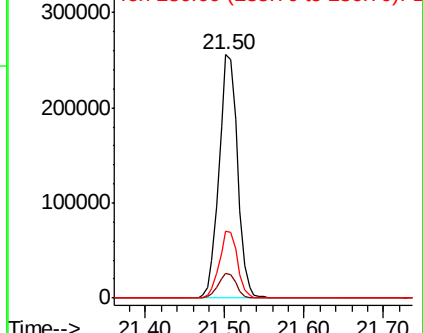
236 27.5 22.3 33.5

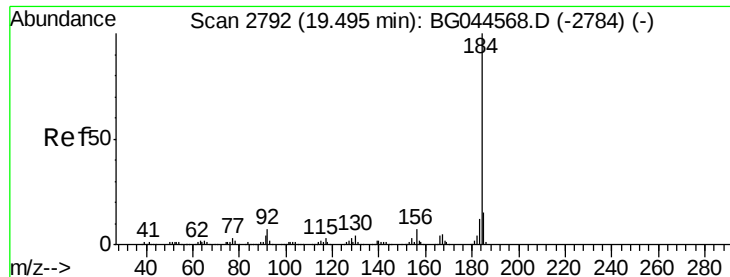


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.123 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

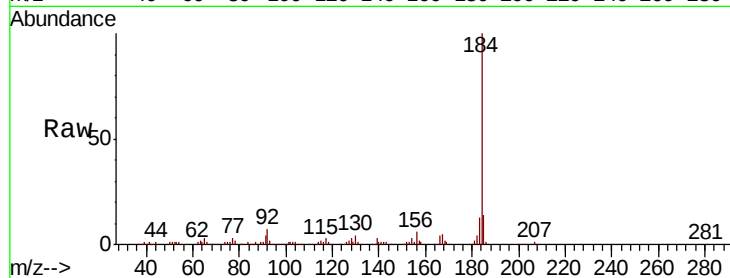
Tot Ion:184 Resp: 286078

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

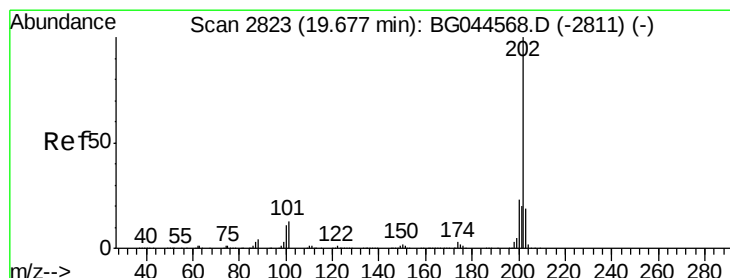
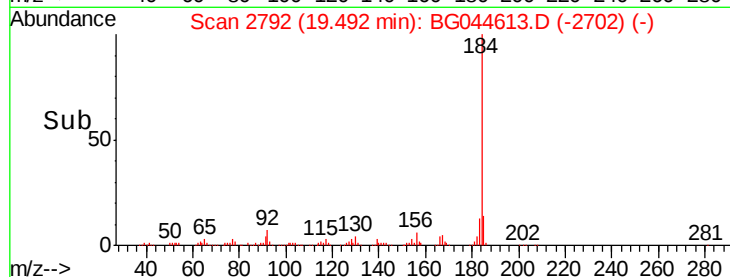
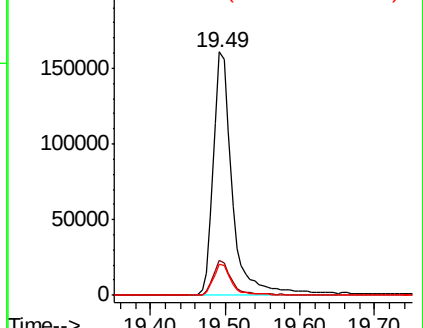
183 12.8 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.613 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

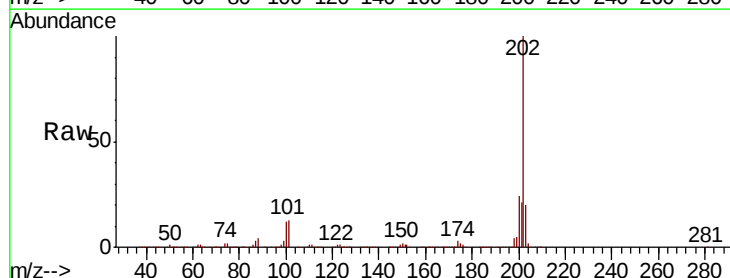
Tgt Ion:202 Resp: 1193416

Ion Ratio Lower Upper

202 100

200 24.3 18.6 28.0

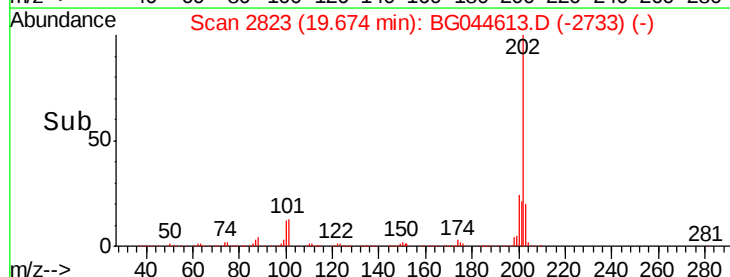
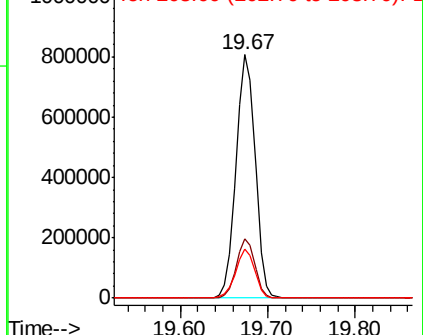
203 19.9 15.3 22.9

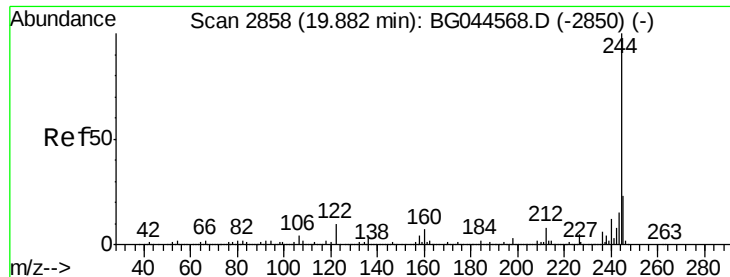


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.895 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

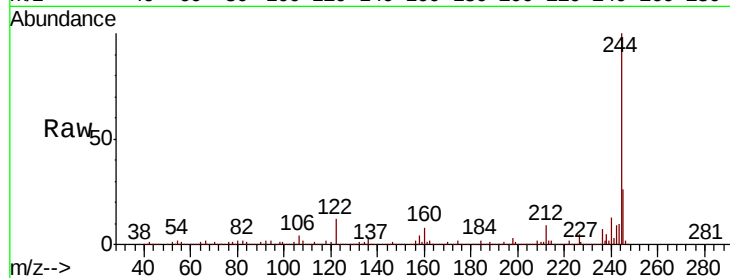
Tot Ion:244 Resp: 1751564

Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

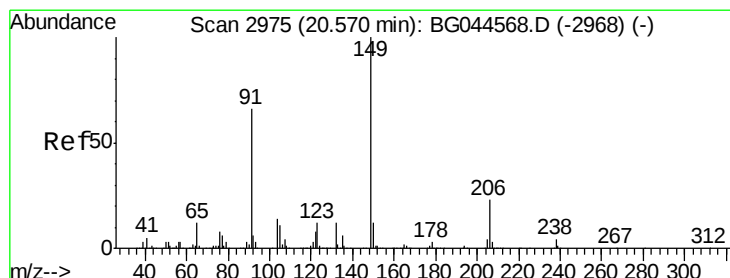
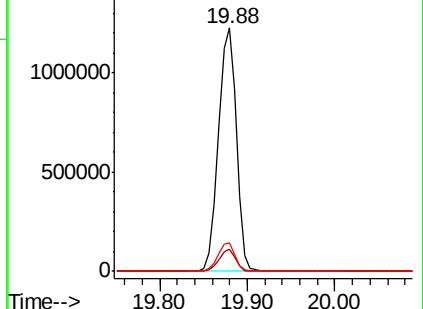
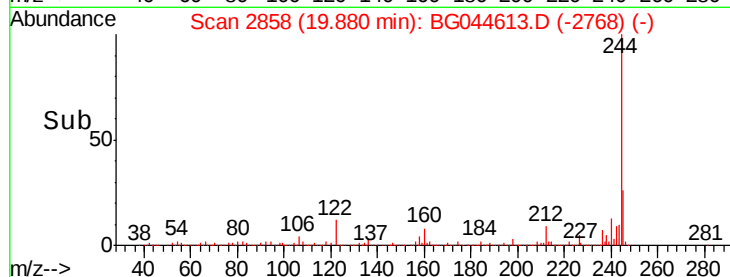
122 11.7 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.922 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

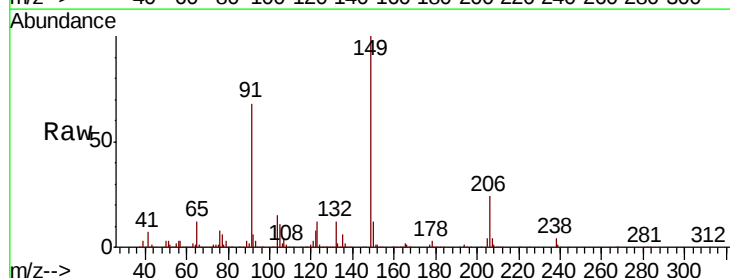
Tgt Ion:149 Resp: 526092

Ion Ratio Lower Upper

149 100

91 68.1 52.7 79.1

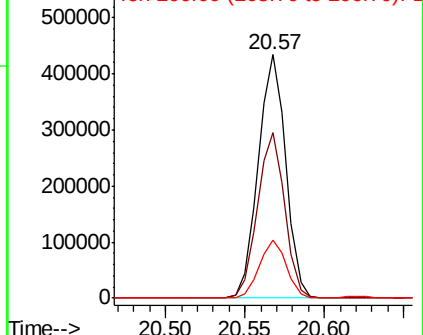
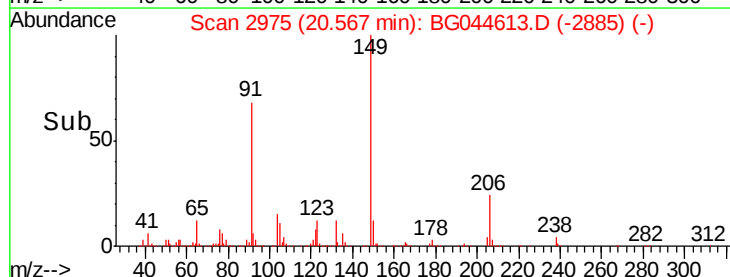
206 24.0 18.6 28.0

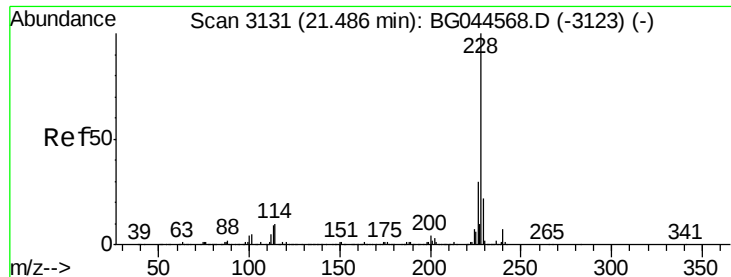


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.275 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampled :

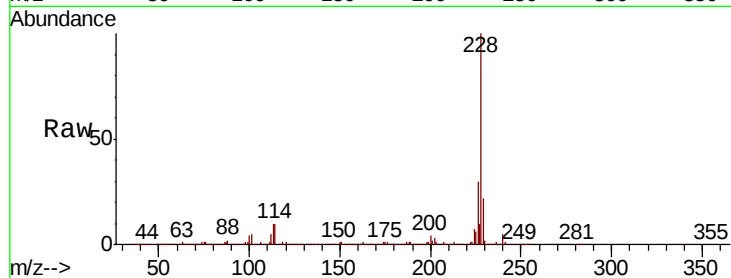
Tot Ion:228 Resp: 1174790

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	22.3	17.2	25.8

228 100

226 30.3 23.8 35.8

229 22.3 17.2 25.8

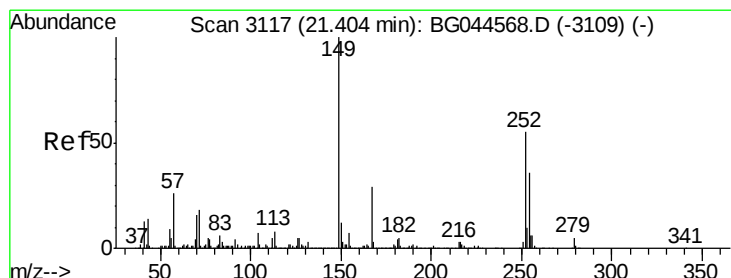
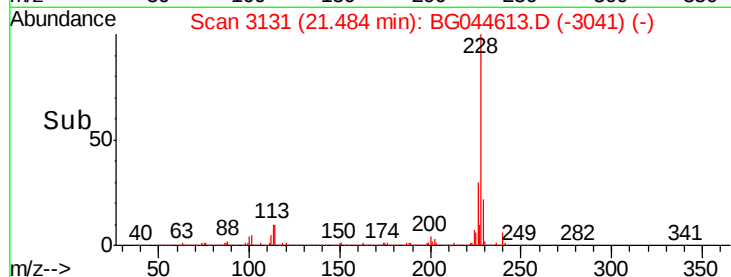
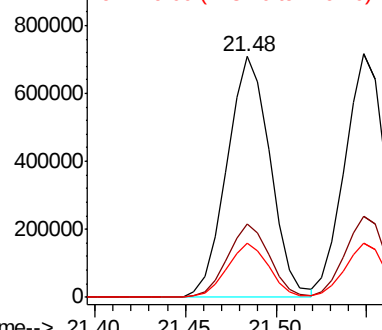


Abundance

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: 19.748 ng

RT: 21.40 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

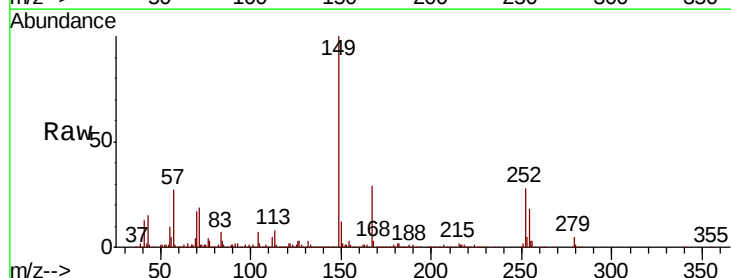
Tgt Ion:252 Resp: 227572

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	9.7	7.8	11.6

252 100

254 64.3 51.5 77.3

126 9.7 7.8 11.6

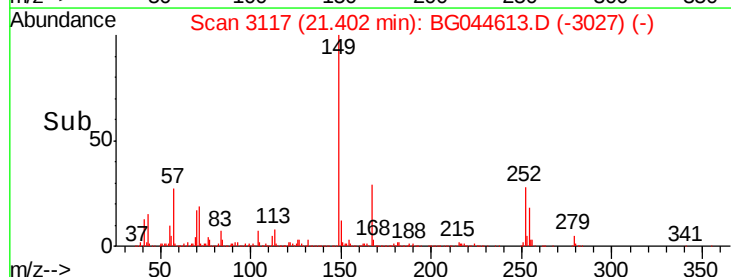
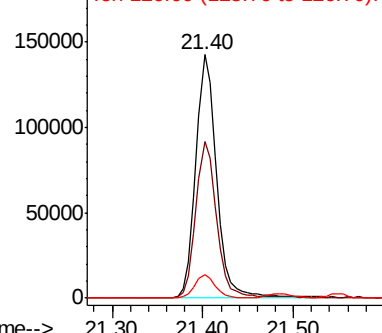


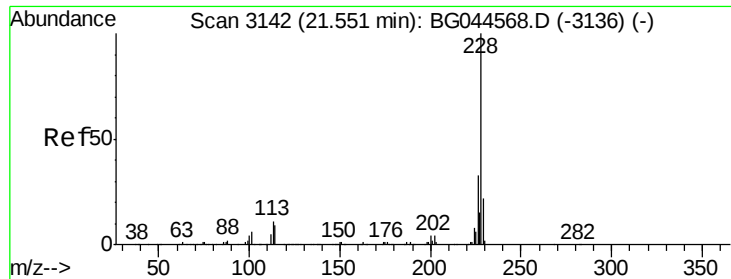
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

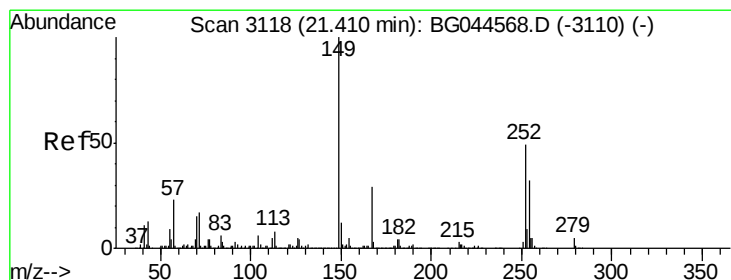
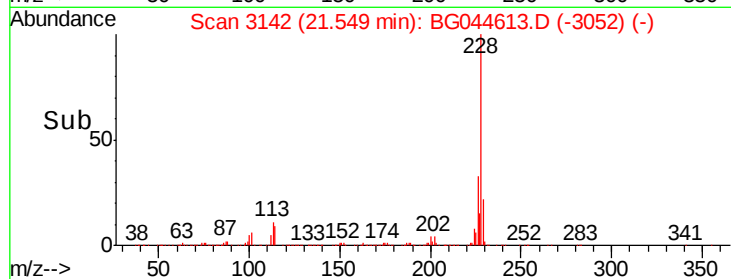
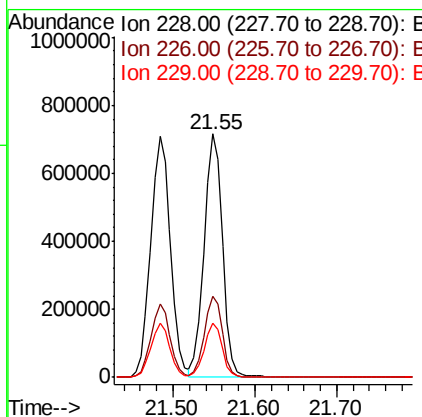
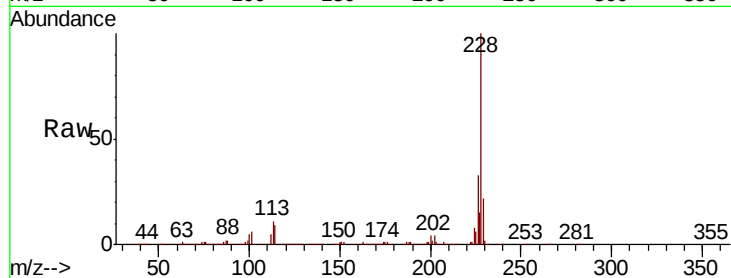




#83
 Chrvsene
 Concen: 39.645 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

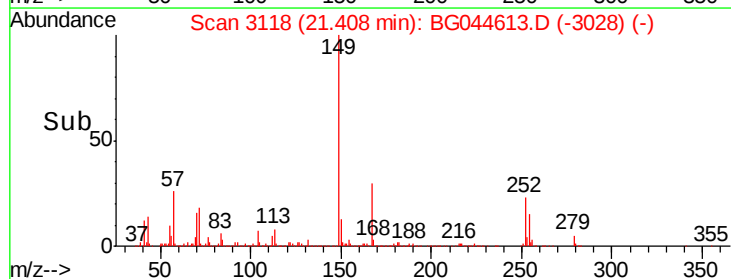
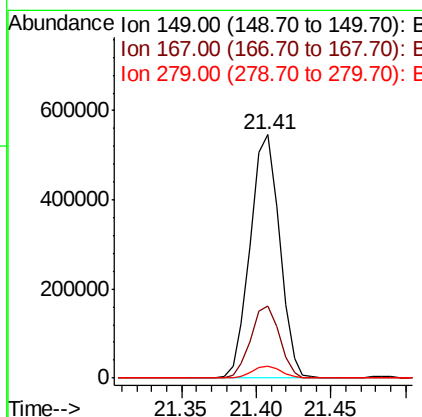
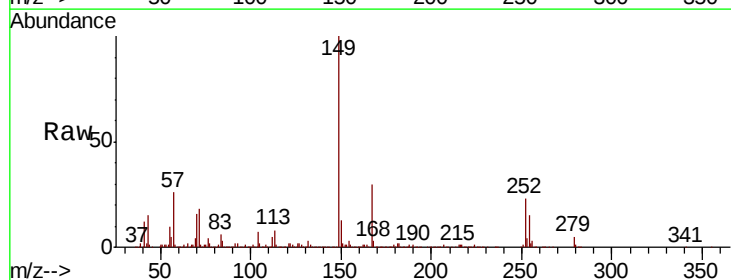
Instrument :
 BNA_G
 ClientSampleId :

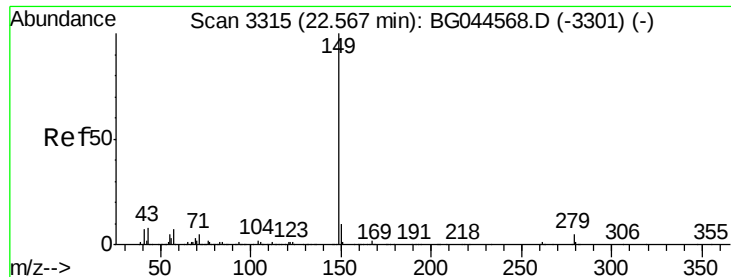
Tot Ion:228 Resp: 1118081
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.1 39.1
 229 22.3 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.892 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:149 Resp: 742515
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.4 35.0
 279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 40.443 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

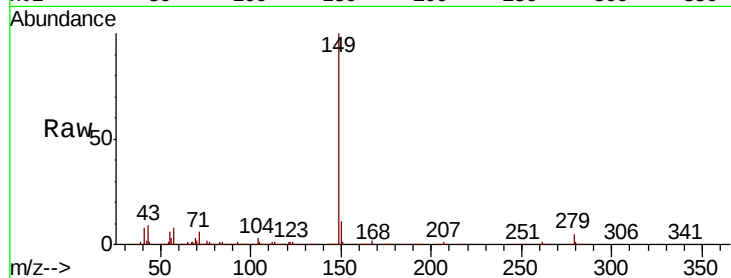
Tot Ion:149 Resp: 1292019

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

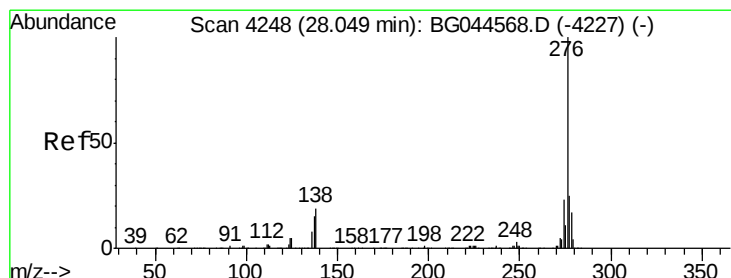
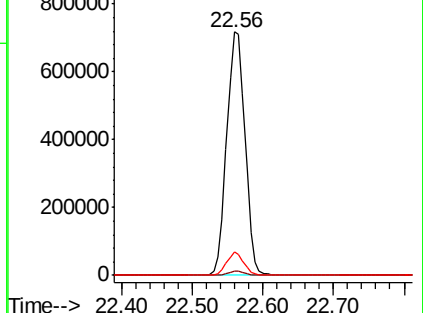
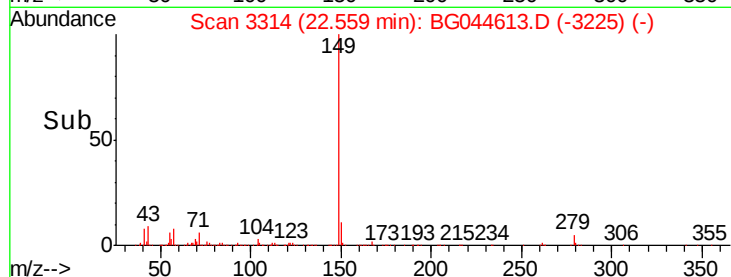
43 8.9 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.526 ng

RT: 28.06 min Scan# 4250

Delta R.T. 0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

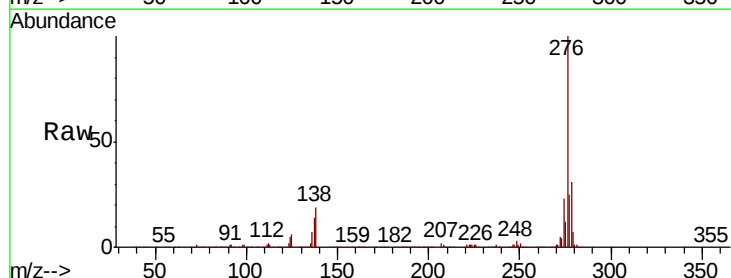
Tgt Ion:276 Resp: 1466779

Ion Ratio Lower Upper

276 100

138 22.8 18.2 27.4

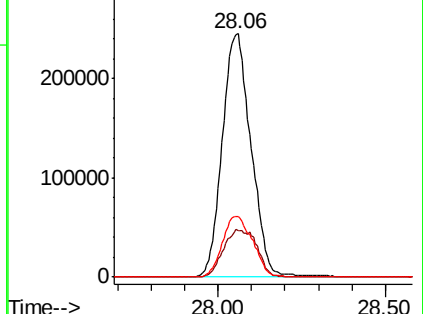
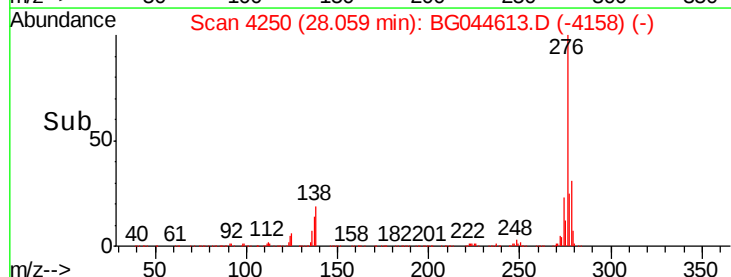
277 26.2 20.7 31.1

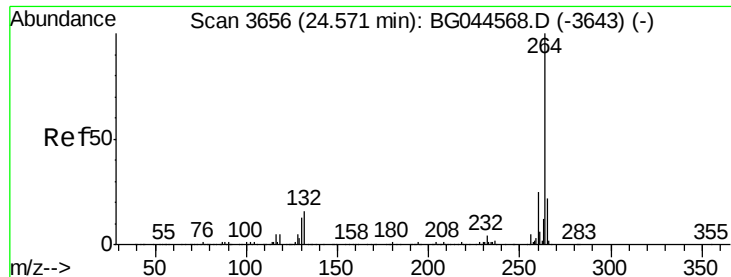


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

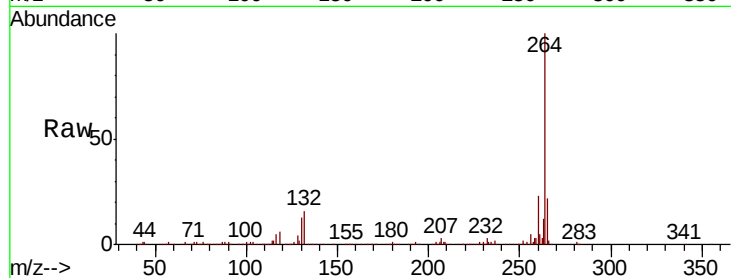
Tot Ion:264 Resp: 445921

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

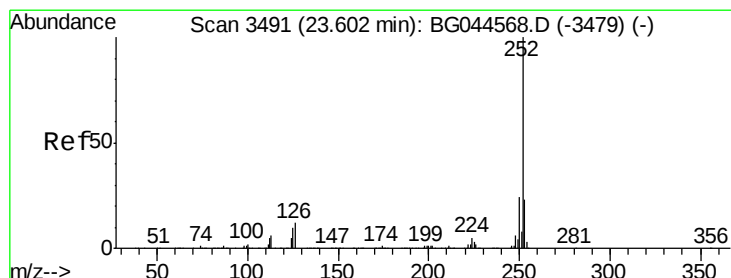
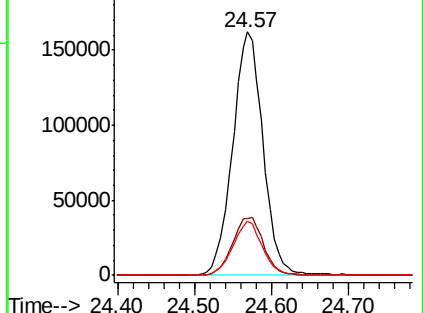
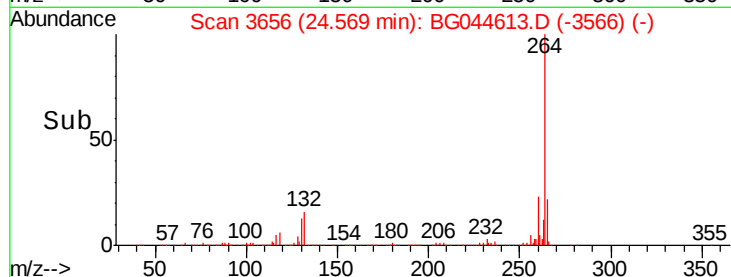
265 22.3 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.224 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

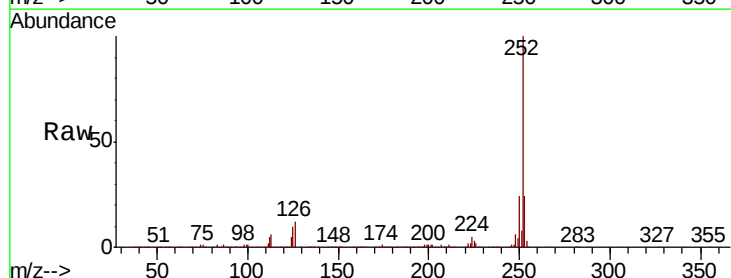
Tgt Ion:252 Resp: 1237951

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

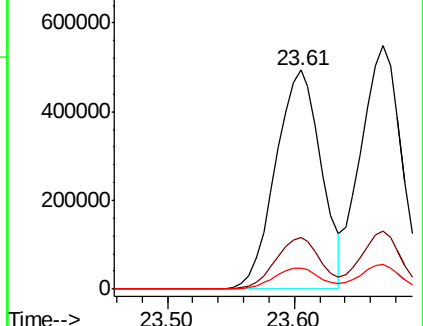
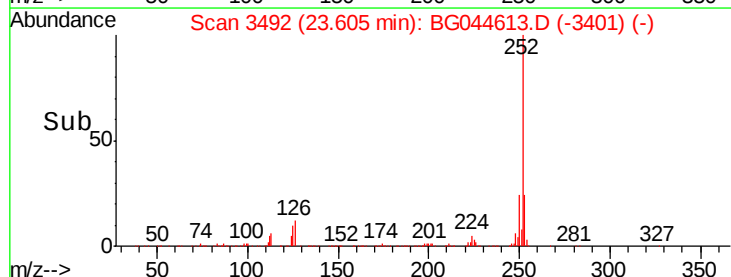
125 9.8 7.9 11.9

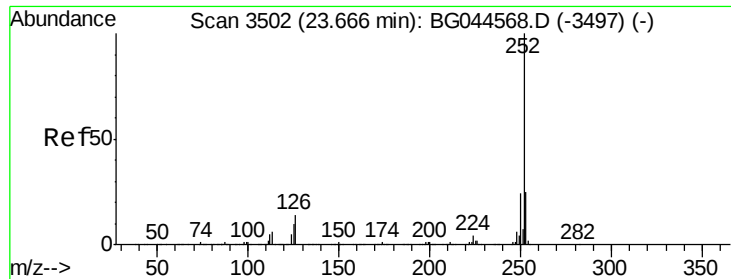


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

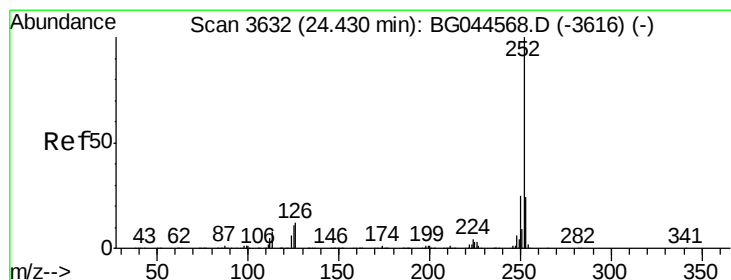
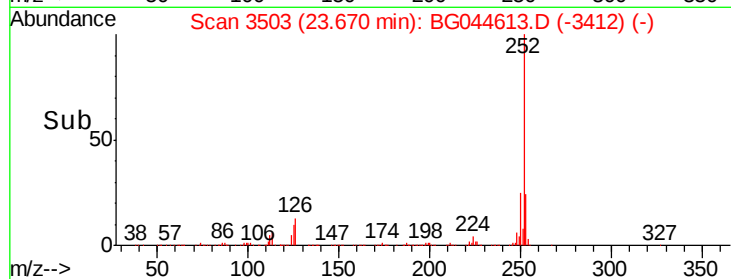
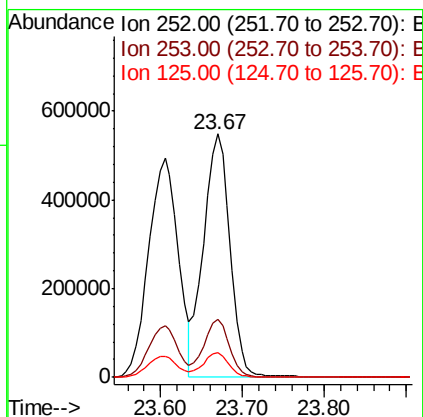
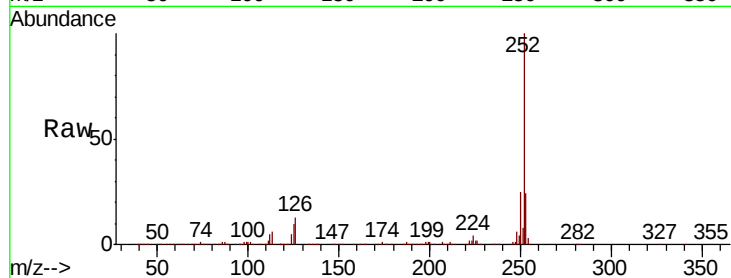




#89
Benzo(k)fluoranthene
Concen: 43.275 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

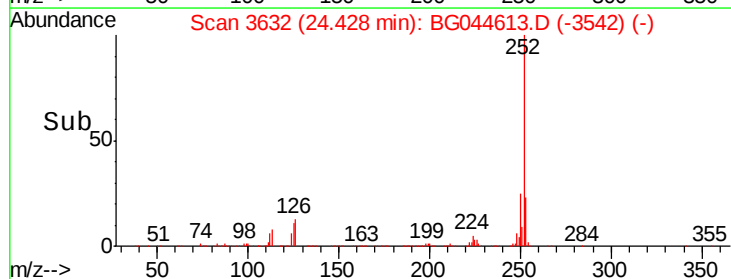
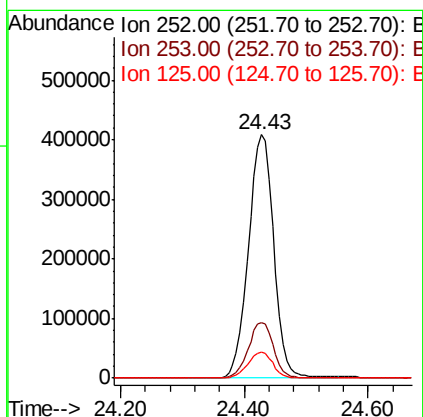
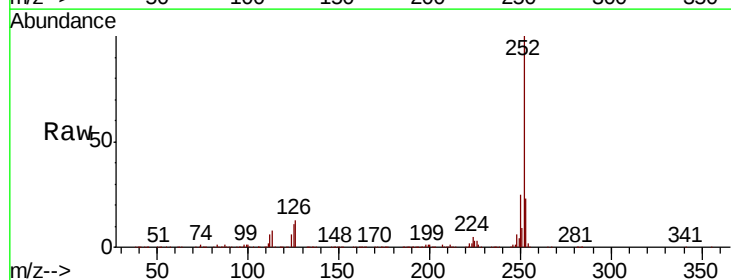
Instrument :
BNA_G
ClientSampleId :

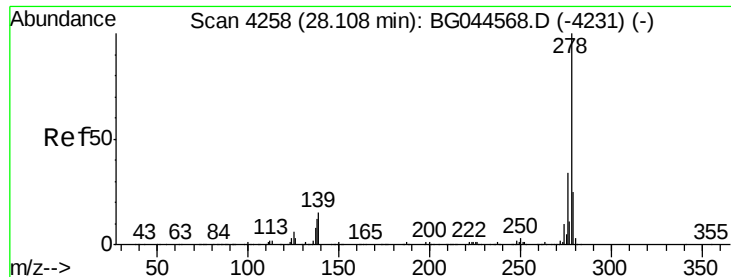
Tot Ion:252 Resp: 1231062
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 10.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 42.033 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion:252 Resp: 1157861
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.4
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 44.144 ng

RT: 28.11 min Scan# 4258

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

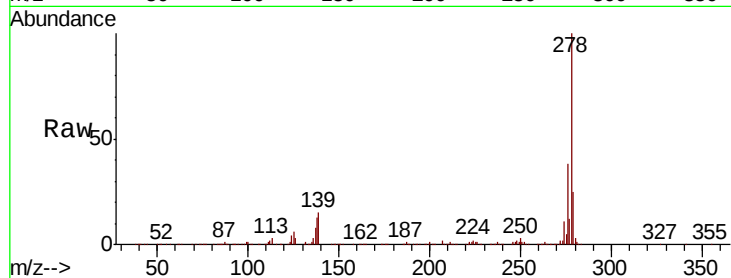
Tot Ion:278 Resp: 1202625

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	25.4	19.8	29.6

278 100

139 14.6 11.7 17.5

279 25.4 19.8 29.6

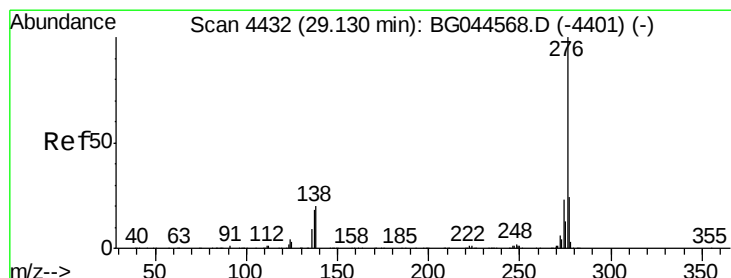
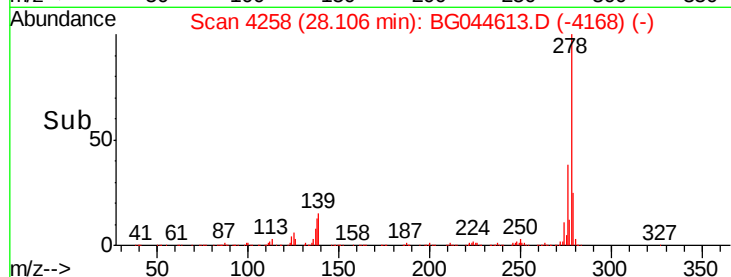
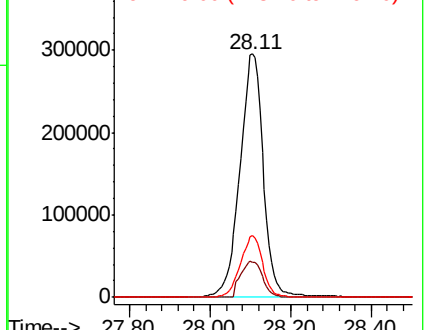


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.006 ng

RT: 29.13 min Scan# 4433

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

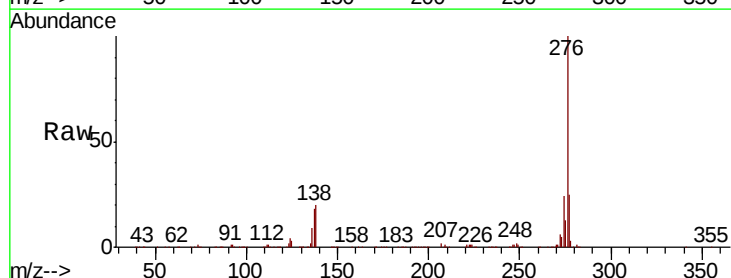
Tgt Ion:276 Resp: 1228420

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	19.5	16.1	24.1

276 100

277 24.7 19.5 29.3

138 19.5 16.1 24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

