

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043952.D
 Acq On : 7 Jan 2020 13:05
 Operator : JU
 Sample : IDOC-W-03-CG
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:42:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	113697	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	495434	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	338972	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	738011	20.00	ng	0.00
76) Chrysene-d12	21.59	240	644882	20.00	ng	0.00
87) Perylene-d12	24.71	264	707148	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	748562	120.89	ng	0.00
7) Phenol-d6	7.13	99	998857	115.40	ng	0.00
23) Nitrobenzene-d5	9.11	82	629119	67.93	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	381865	107.65	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1397331	74.69	ng	0.00
79) Terphenyl-d14	19.95	244	2019509	72.50	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	104231	38.605	ng	99
3) Pyridine	3.82	79	254533	31.912	ng	96
4) n-Nitrosodimethylamine	3.74	42	133436	37.576	ng	100
6) Aniline	7.28	93	347945	30.605	ng	98
8) 2-Chlorophenol	7.53	128	322907	44.419	ng	98
9) Benzaldehyde	7.09	77	189864	34.273	ng	98
10) Phenol	7.16	94	401256	44.994	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	298265	38.746	ng	98
12) 1,3-Dichlorobenzene	7.85	146	322462	37.906	ng	99
13) 1,4-Dichlorobenzene	8.00	146	327069	38.967	ng	99
14) 1,2-Dichlorobenzene	8.31	146	308271	38.264	ng	99
15) Benzyl Alcohol	8.20	79	277475	40.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	409278	34.365	ng	98
17) 2-Methylphenol	8.40	107	281413	43.605	ng	98
18) Hexachloroethane	9.05	117	122588	37.534	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	237669	36.871	ng	# 97
20) 3+4-Methylphenols	8.73	107	391230	43.456	ng	99
22) Acetophenone	8.78	105	443733	36.026	ng	# 99
24) Nitrobenzene	9.15	77	337940	36.843	ng	99
25) Isophorone	9.68	82	648771	37.340	ng	99
26) 2-Nitrophenol	9.87	139	174736	40.265	ng	98
27) 2,4-Dimethylphenol	9.94	122	313747	48.029	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	417336	36.029	ng	99
29) 2,4-Dichlorophenol	10.41	162	318148	40.830	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	318289	36.431	ng	98
31) Naphthalene	10.81	128	936900	39.079	ng	99
32) Benzoic acid	10.06	122	120779	26.004	ng	93
33) 4-Chloroaniline	10.91	127	265753	23.240	ng	99
34) Hexachlorobutadiene	11.11	225	182271	34.169	ng	98
35) Caprolactam	11.67	113	85164	29.359	ng	99
36) 4-Chloro-3-methylphenol	12.04	107	347489	41.891	ng	98
37) 2-Methylnaphthalene	12.42	142	710935	39.388	ng	98
38) 1-Methylnaphthalene	12.64	142	672980	39.340	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	337633	33.983	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	433488	84.159	ng	97
43) 2,4,6-Trichlorophenol	13.03	196	257179	37.620	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	281340	39.902	ng	99
46) 1,1'-Biphenyl	13.43	154	903766	37.186	ng	100
47) 2-Chloronaphthalene	13.47	162	708808	36.092	ng	99
48) 2-Nitroaniline	13.66	65	228064	36.101	ng	99
49) Acenaphthylene	14.31	152	1122727	39.775	ng	98
50) Dimethylphthalate	14.05	163	918485	38.162	ng	98
51) 2,6-Dinitrotoluene	14.16	165	211136	38.812	ng	95
52) Acenaphthene	14.66	154	716089	36.175	ng	98
53) 3-Nitroaniline	14.49	138	169685	27.468	ng	98
54) 2,4-Dinitrophenol	14.69	184	186423	68.139	ng	99
55) Dibenzofuran	14.99	168	1077070	39.525	ng	99
56) 4-Nitrophenol	14.80	139	410468	86.708	ng	96
57) 2,4-Dinitrotoluene	14.95	165	295105	39.867	ng	99
58) Fluorene	15.64	166	857700	39.711	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	245424	40.480	ng	98
60) Diethylphthalate	15.41	149	937554	38.946	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	444001	37.858	ng	98
62) 4-Nitroaniline	15.65	138	228736	37.495	ng	97
63) Azobenzene	15.93	77	882245	39.518	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	152220	40.761	ng	98
66) n-Nitrosodiphenylamine	15.85	169	810853	37.309	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	289324	34.857	ng	97
68) Hexachlorobenzene	16.65	284	312612	34.953	ng	99
69) Atrazine	16.79	200	309902	43.867	ng	99
70) Pentachlorophenol	16.99	266	349562	70.900	ng	99
71) Phenanthrene	17.38	178	1372306	38.767	ng	99
72) Anthracene	17.47	178	1409373	40.286	ng	99
73) Carbazole	17.73	167	1288705	39.879	ng	98
74) Di-n-butylphthalate	18.30	149	1583885	38.389	ng	98
75) Fluoranthene	19.38	202	1588502	39.238	ng	99
77) Benzidine	19.56	184	715977	44.170	ng	98
78) Pyrene	19.75	202	1589934	37.771	ng	97
80) Butylbenzylphthalate	20.64	149	741696	37.010	ng	97
81) Benzo(a)anthracene	21.57	228	1533322	38.345	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	480316	30.404	ng	97
83) Chrysene	21.63	228	1464628	38.547	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	1042716	37.708	ng	97
85) Di-n-octyl phthalate	22.68	149	1814942	39.041	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	1874153	36.295	ng	98
88) Benzo(b)fluoranthene	23.72	252	1606988	38.440	ng	99
89) Benzo(k)fluoranthene	23.79	252	1615720	40.643	ng	99
90) Benzo(a)pyrene	24.57	252	1514501	38.384	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1522897	38.432	ng	98
92) Benzo(g,h,i)perylene	29.35	276	1489289	37.837	ng	97

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

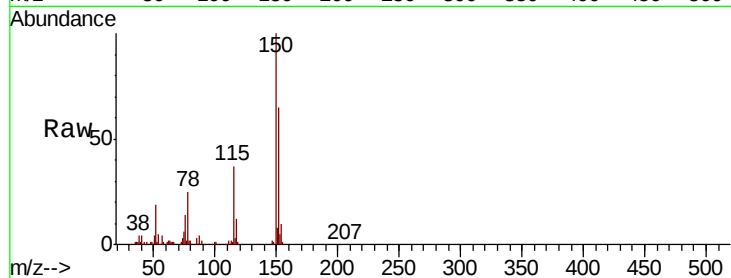


#1

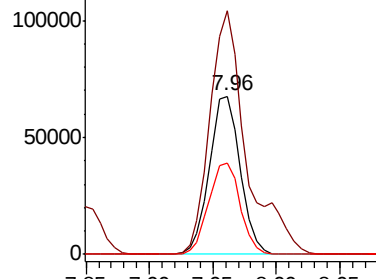
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampled :

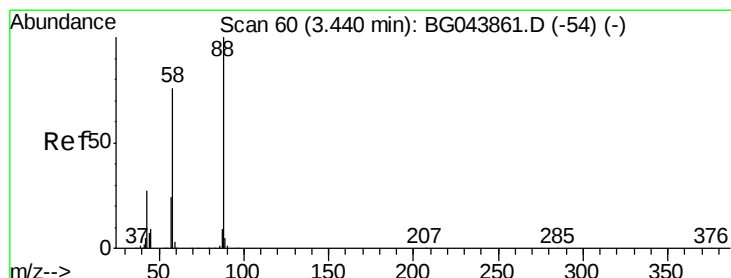
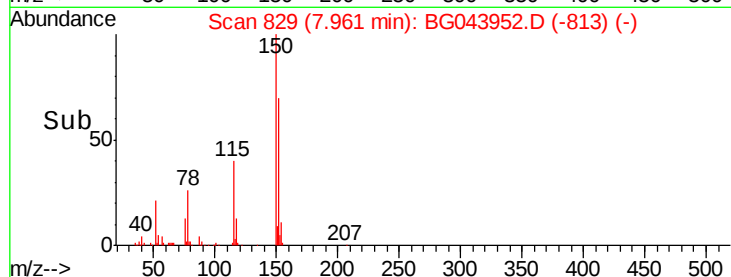
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.0	190.4
115	57.6	47.8	71.8



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



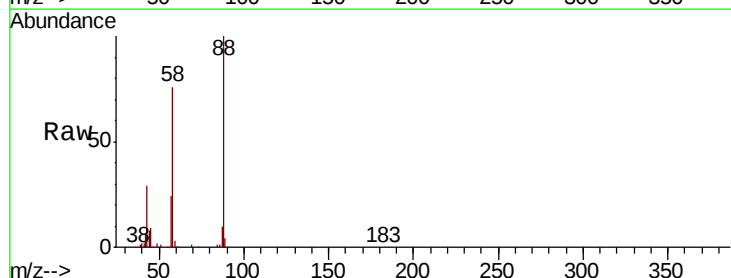
Time--> 7.85 7.90 7.95 8.00 8.05



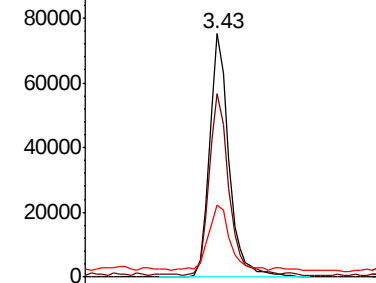
#2

1,4-Dioxane
Concen: 38.605 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

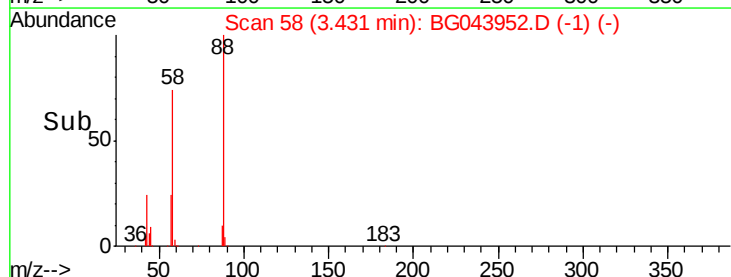
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	59.8	89.8
43	29.1	22.9	34.3



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



Time--> 3.30 3.40 3.50





#3

Pvridine

Concen: 31.912 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

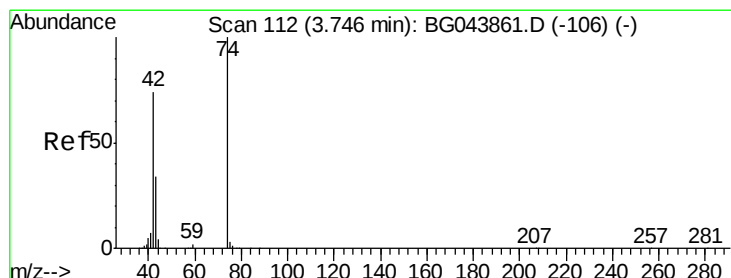
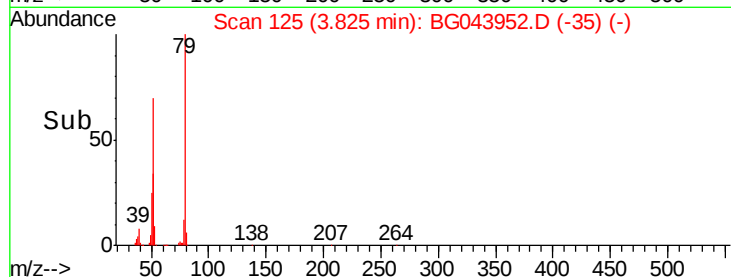
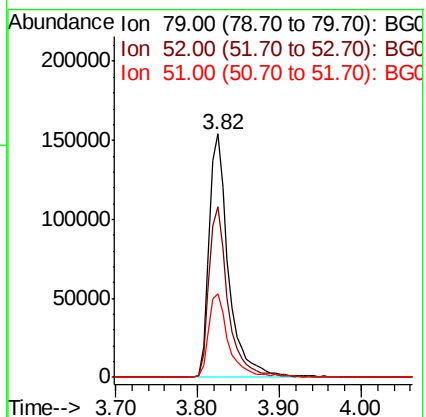
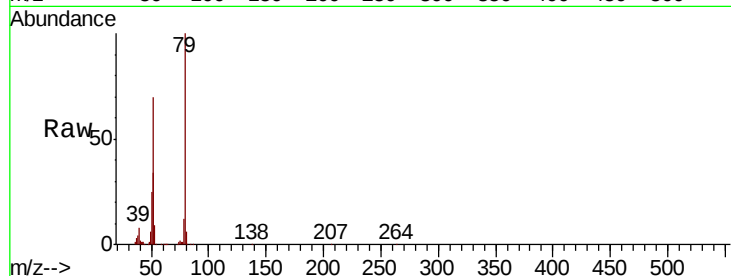
Tot Ion: 79 Resp: 254533

Ion Ratio Lower Upper

79 100

52 70.0 58.9 88.3

51 34.5 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 37.576 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

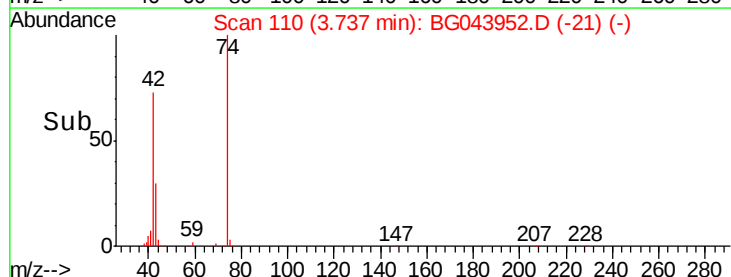
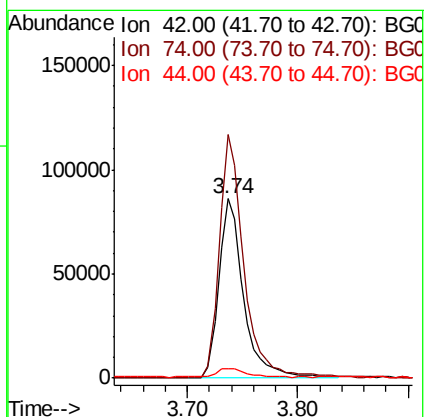
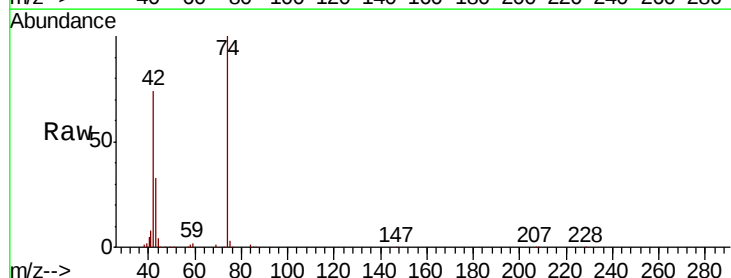
Tgt Ion: 42 Resp: 133436

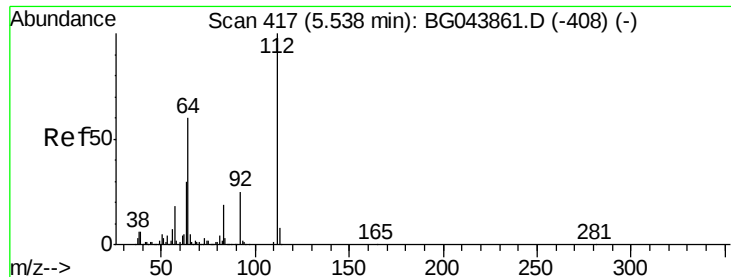
Ion Ratio Lower Upper

42 100

74 135.9 108.6 162.8

44 5.3 5.0 7.6





#5

2-Fluorophenol

Concen: 120.887 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

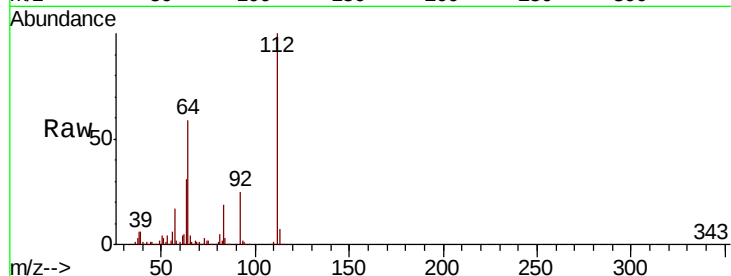
Tot Ion:112 Resp: 748562

Ion Ratio Lower Upper

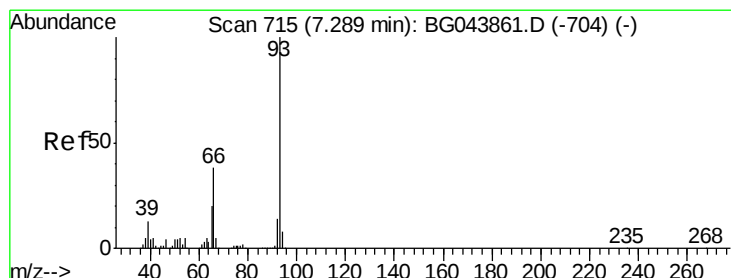
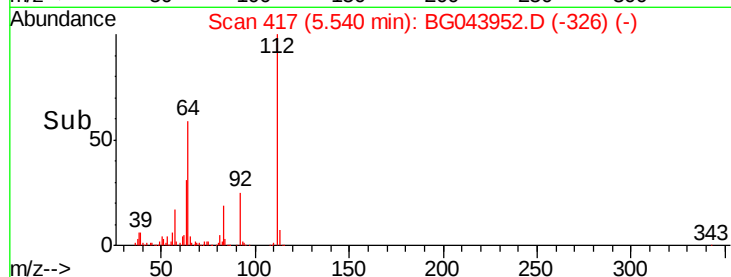
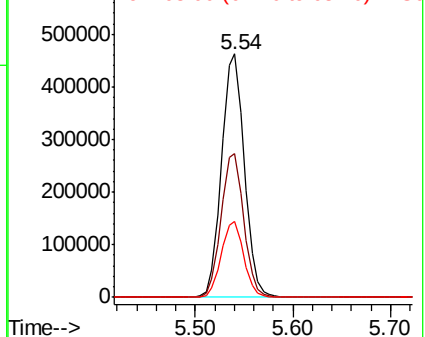
112 100

64 58.9 47.8 71.6

63 31.2 24.3 36.5



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: 30.605 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

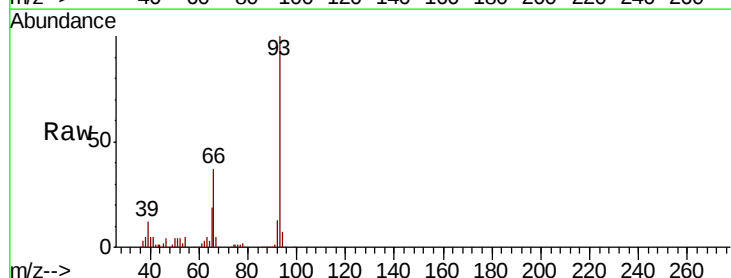
Tgt Ion: 93 Resp: 347945

Ion Ratio Lower Upper

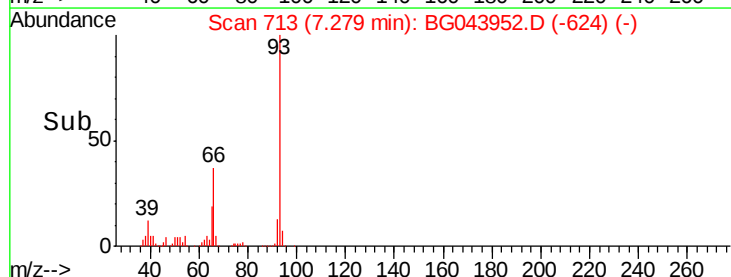
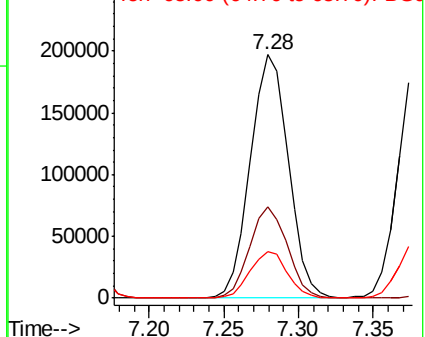
93 100

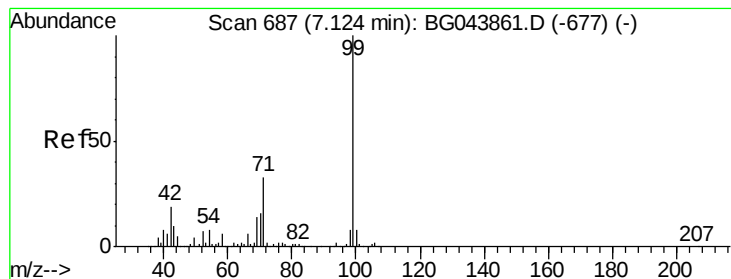
66 37.4 30.8 46.2

65 19.0 16.0 24.0



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: 115.400 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

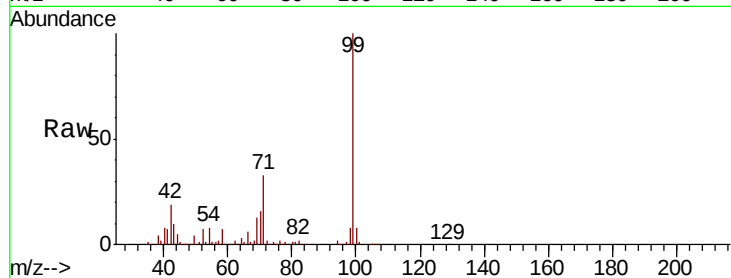
Tot Ion: 99 Resp: 998857

Ion Ratio Lower Upper

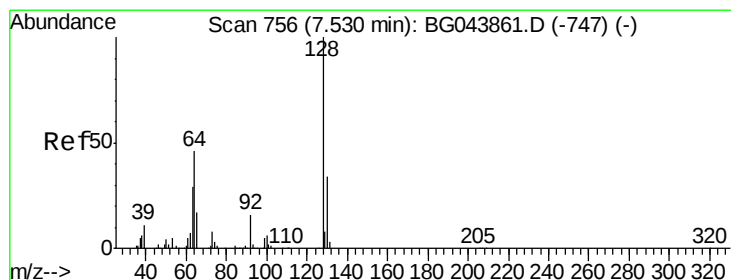
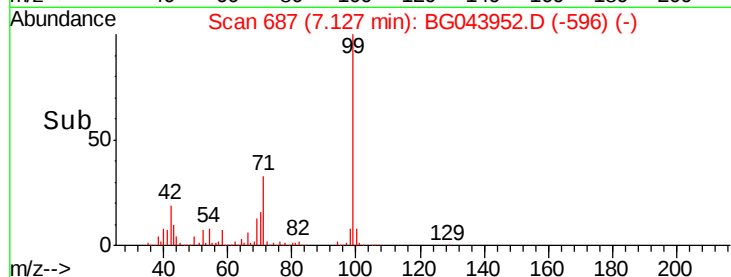
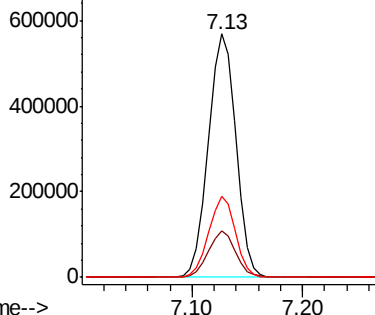
99 100

42 19.3 14.9 22.3

71 33.2 26.4 39.6



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: 44.419 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

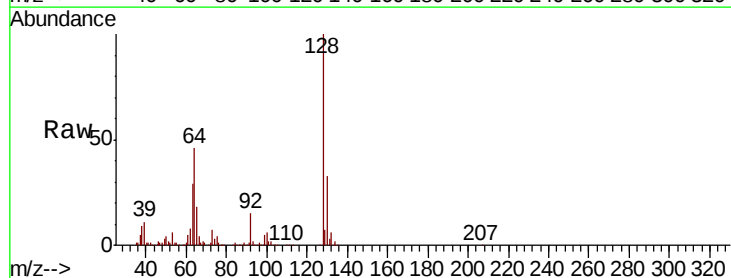
Tgt Ion:128 Resp: 322907

Ion Ratio Lower Upper

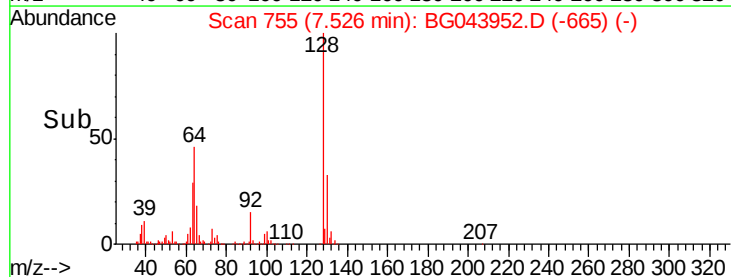
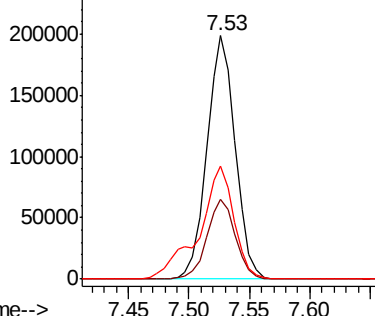
128 100

130 32.9 13.8 53.8

64 46.5 27.6 67.6



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: 34.273 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

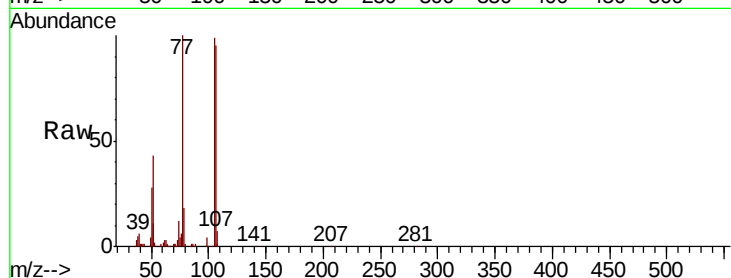
Tot Ion: 77 Resp: 189864

Ion Ratio Lower Upper

77 100

105 99.3 80.2 120.2

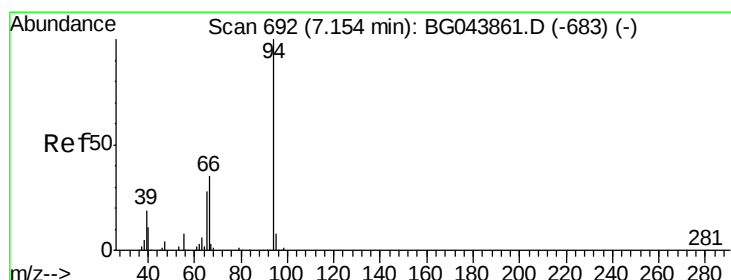
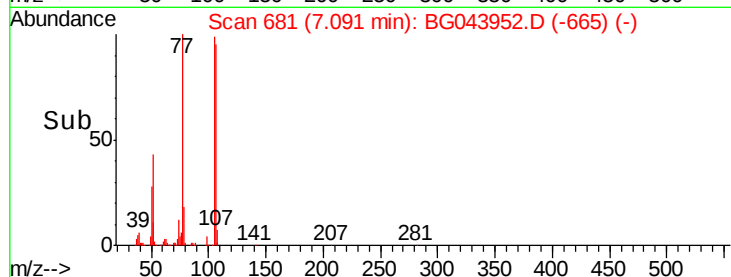
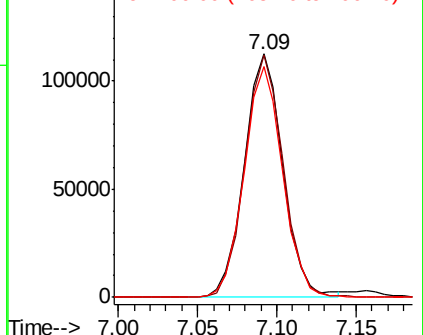
106 94.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.994 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

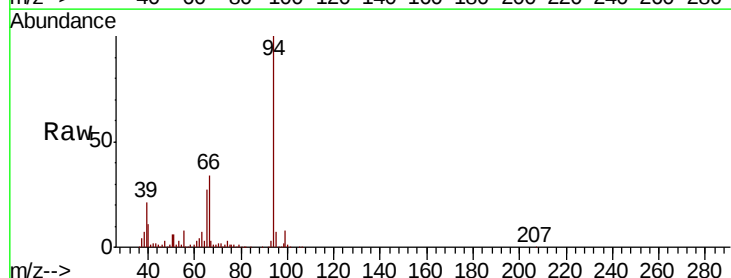
Tgt Ion: 94 Resp: 401256

Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

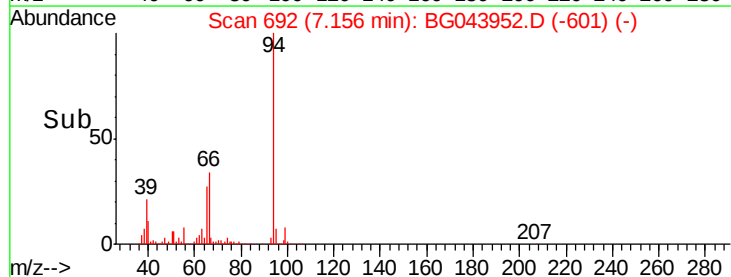
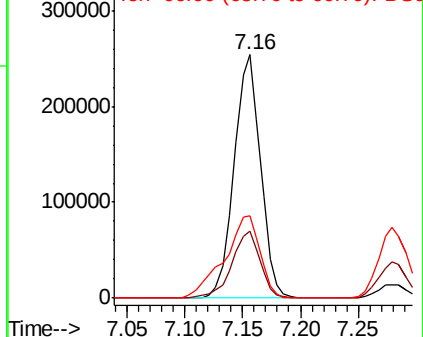
66 34.1 15.6 55.6

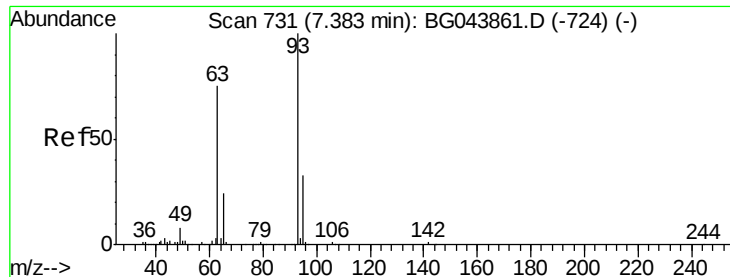


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

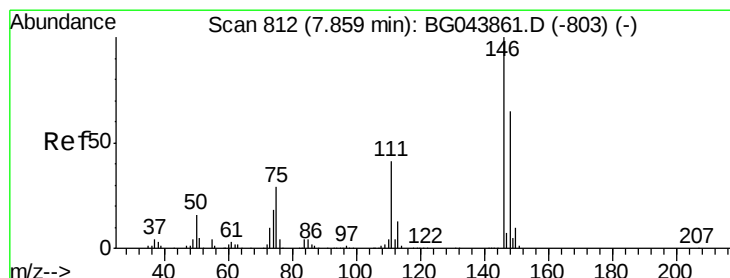
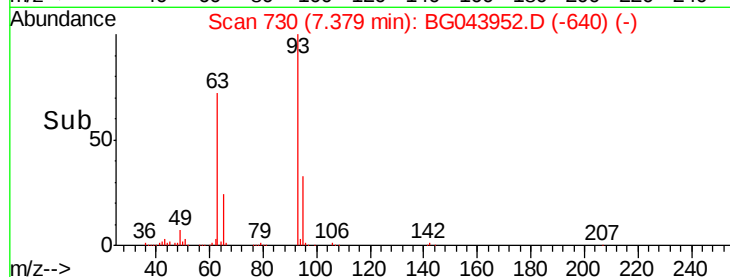
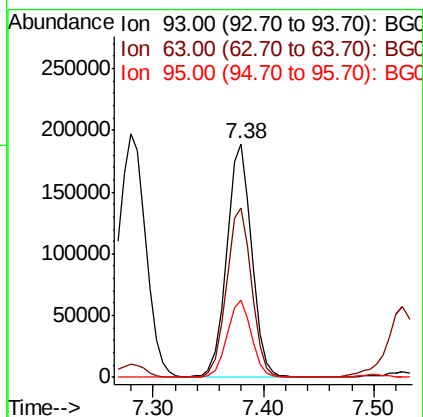
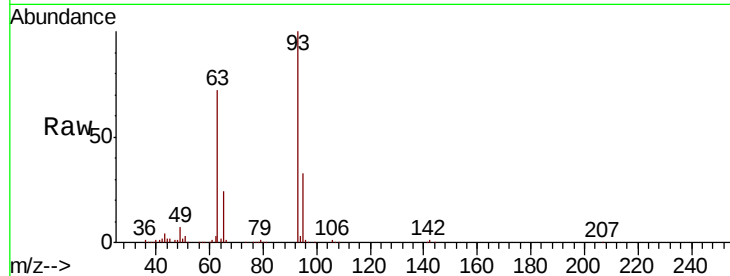




#11
bis(2-Chloroethyl)ether
Concen: 38.746 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

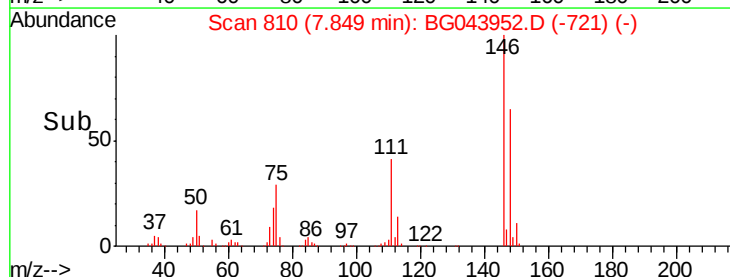
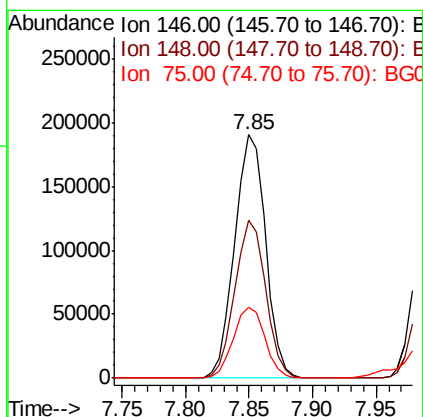
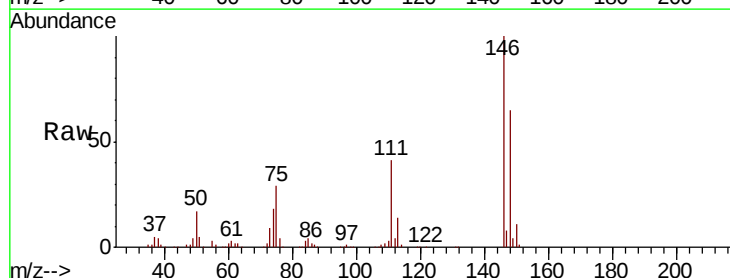
Instrument :
BNA_G
ClientSampleId :

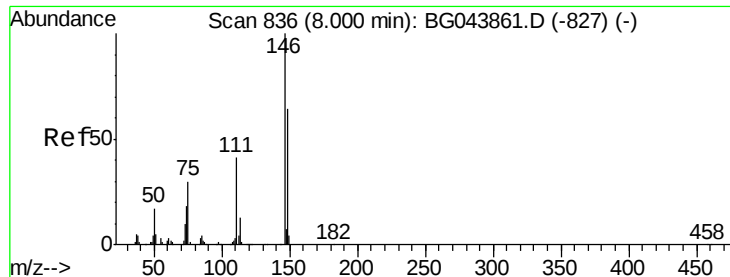
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	55.0	95.0
95	33.0	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 37.906 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	29.1	23.0	34.4

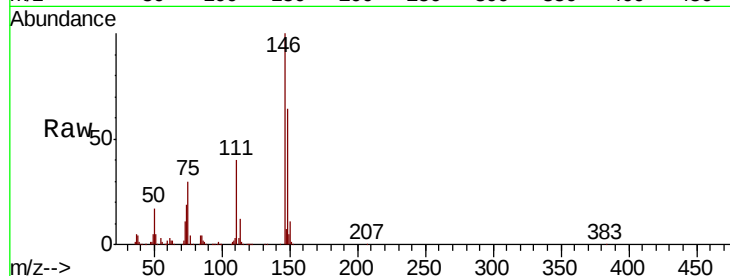




#13
 1,4-Dichlorobenzene
 Concen: 38.967 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	40.3	33.1	49.7

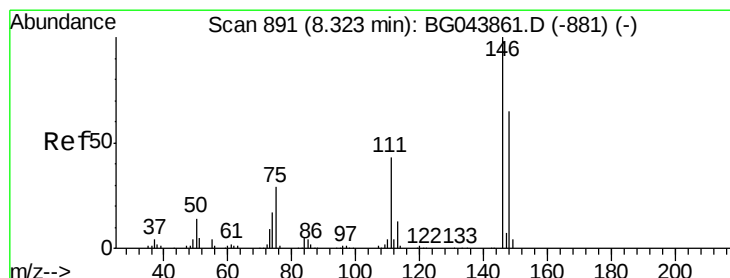
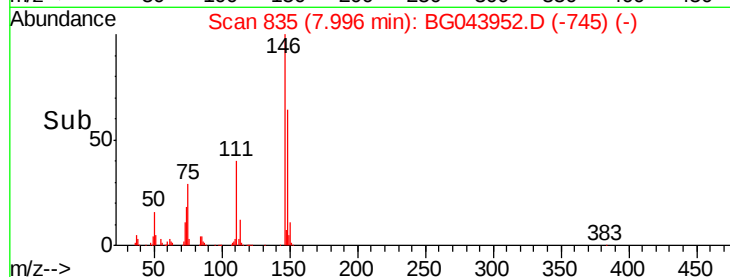
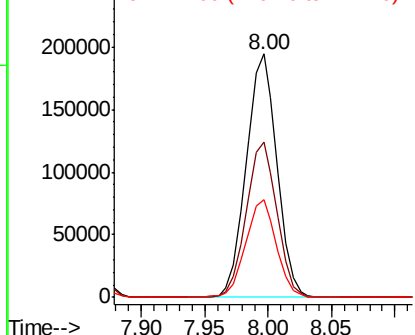


Abundance

Ion 146.00 (145.70 to 146.70): E

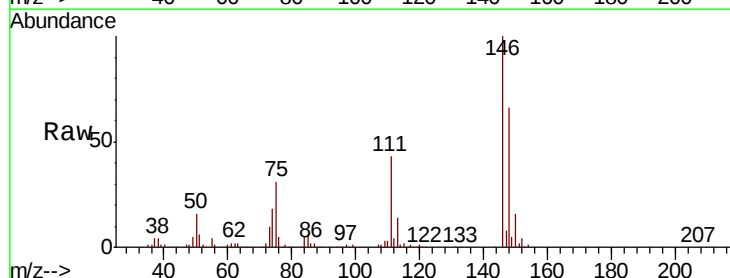
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.264 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.7	77.5
111	43.1	34.4	51.6

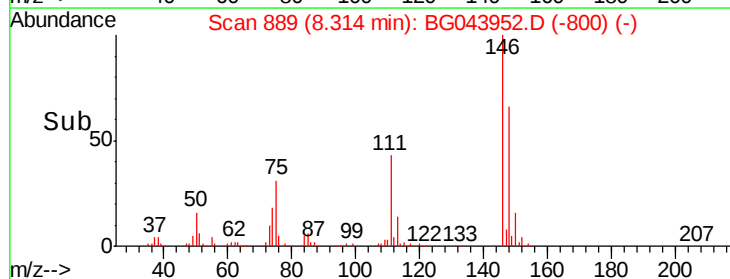
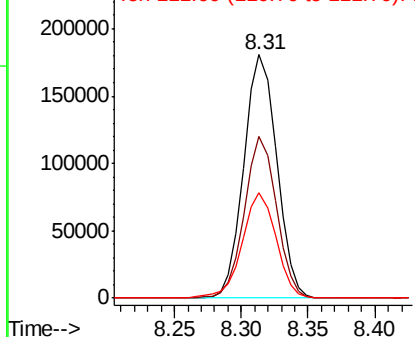


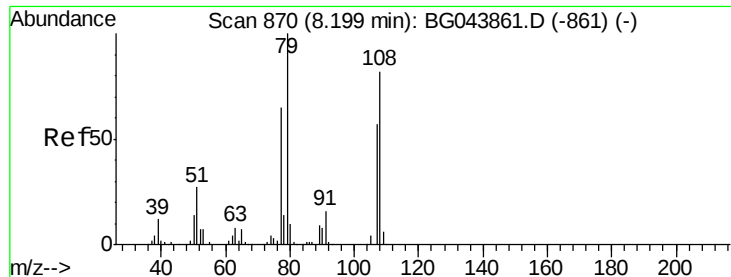
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.619 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

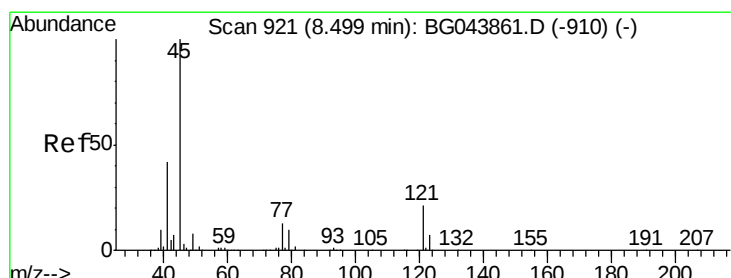
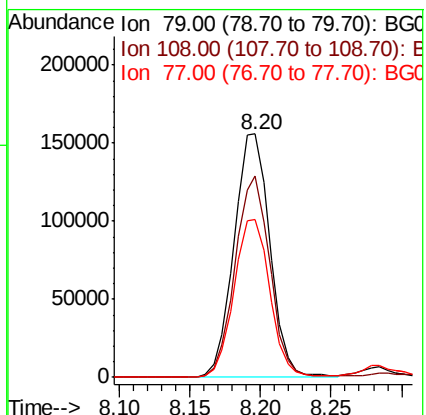
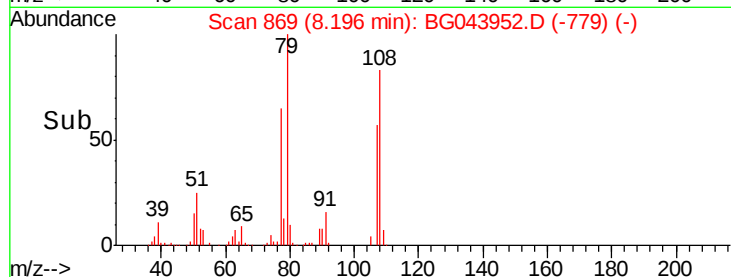
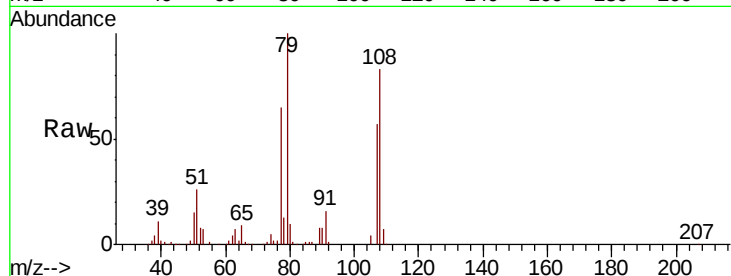
Tot Ion: 79 Resp: 277475

Ion Ratio Lower Upper

79 100

108 82.6 65.6 98.4

77 64.6 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.365 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

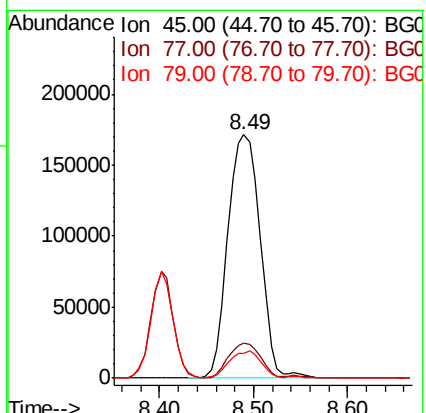
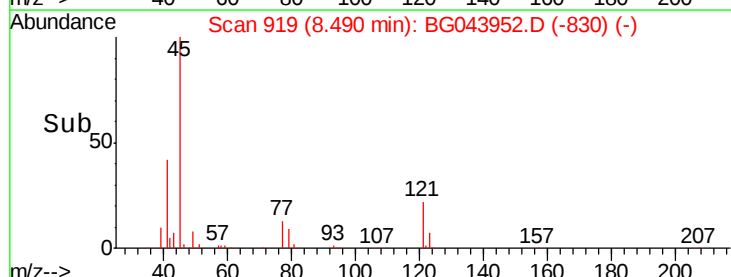
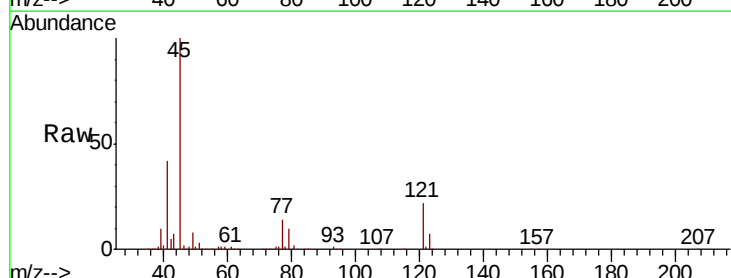
Tgt Ion: 45 Resp: 409278

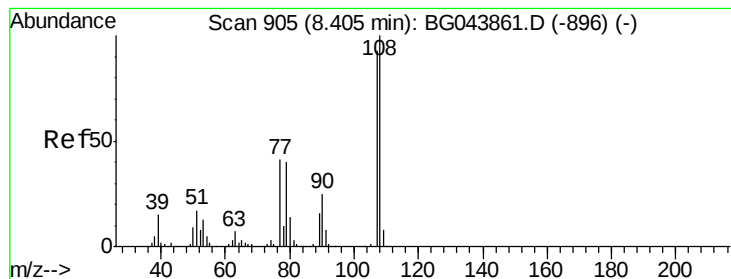
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.8

79 10.0 0.0 31.0

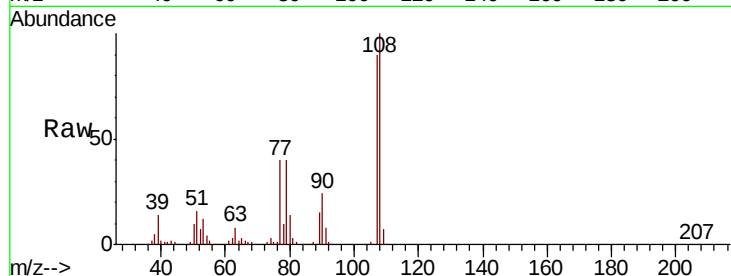




#17
2-Methylphenol
Concen: 43.605 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	281413
Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.1	129.1
77	44.5	35.4	53.0
79	44.5	34.8	52.2



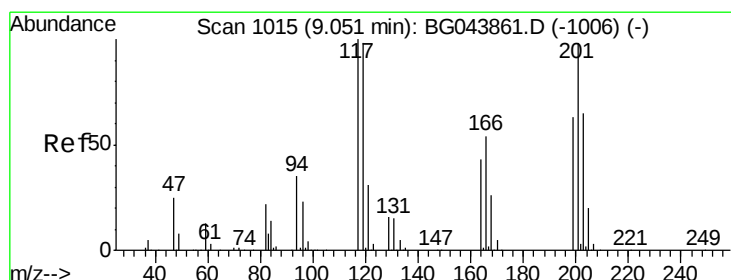
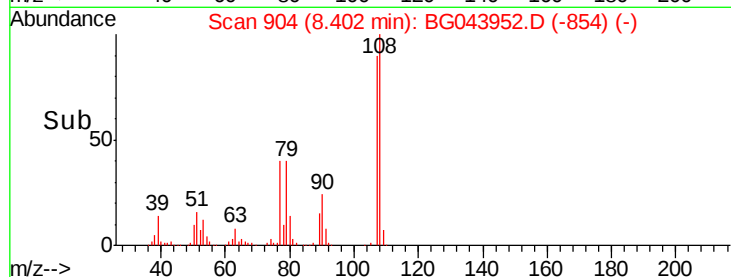
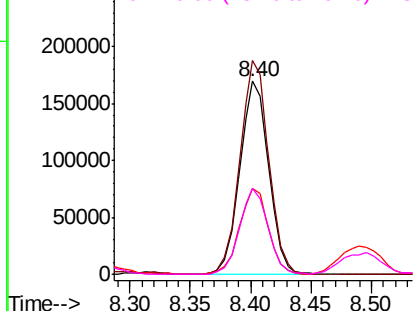
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

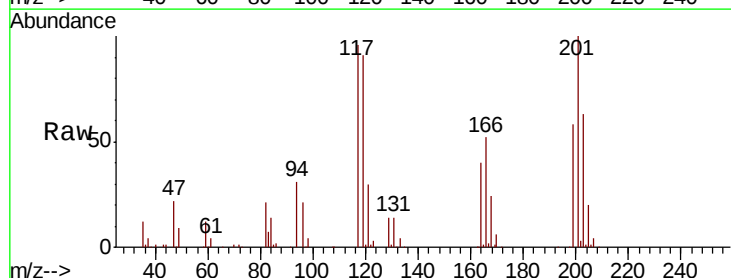
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.534 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:	117	Resp:	122588
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	104.5	78.6	117.8

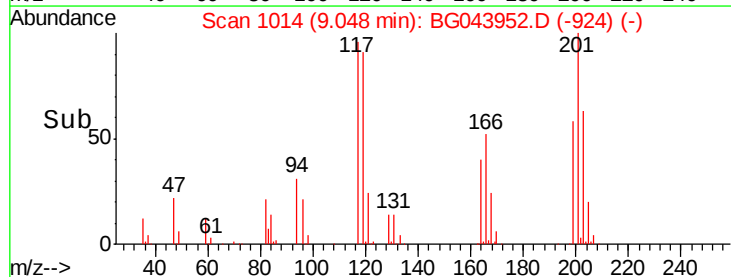
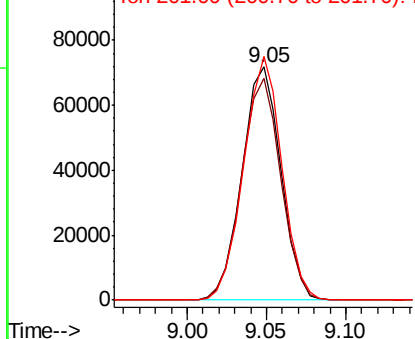


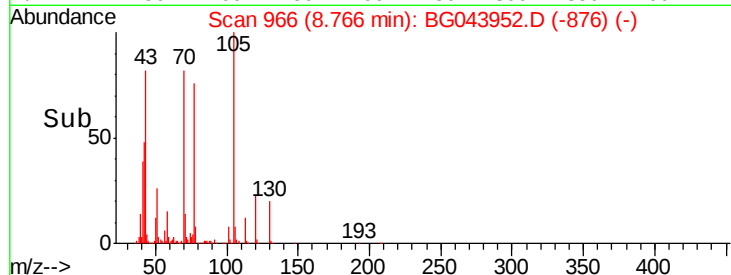
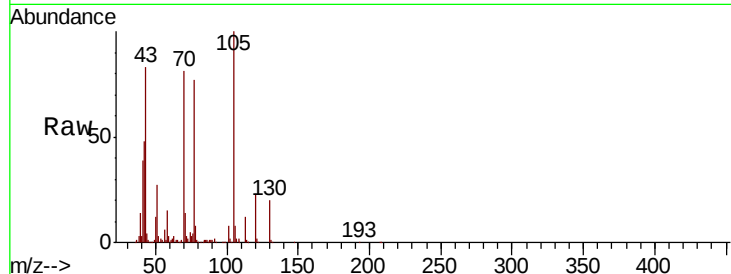
Abundance

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

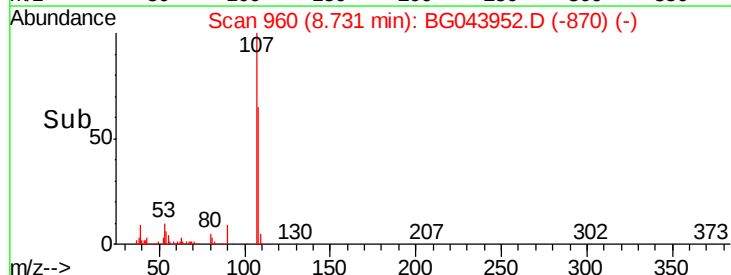
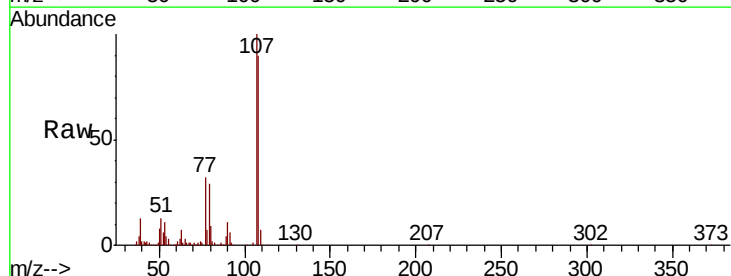
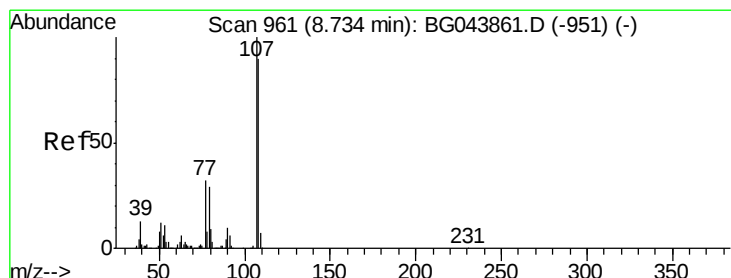
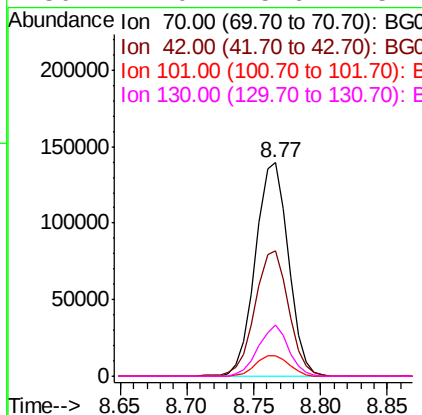




#19
n-Nitroso-di-n-propylamine
Concen: 36.871 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

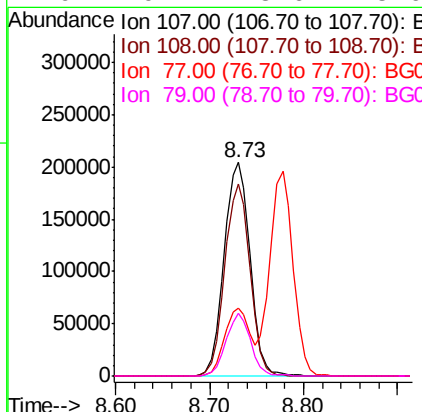
Instrument :
BNA_G
ClientSampleId :

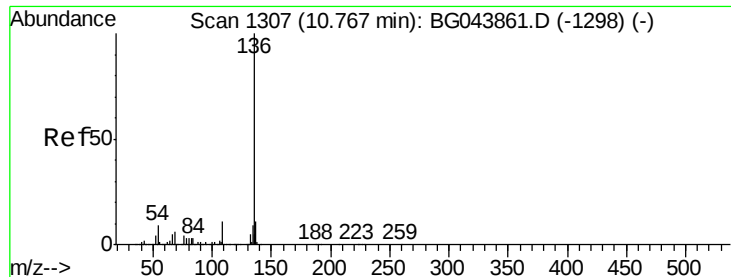
Tot Ion: 70 Resp: 237669
Ion Ratio Lower Upper
70 100
42 58.5 47.0 70.4
101 9.7 7.2 10.8
130 24.0 15.6 23.4#



#20
3+4-Methylphenols
Concen: 43.456 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion: 107 Resp: 391230
Ion Ratio Lower Upper
107 100
108 90.1 70.3 110.3
77 31.9 12.4 52.4
79 29.2 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 495434

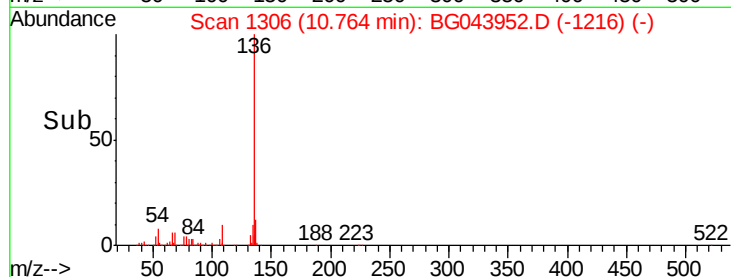
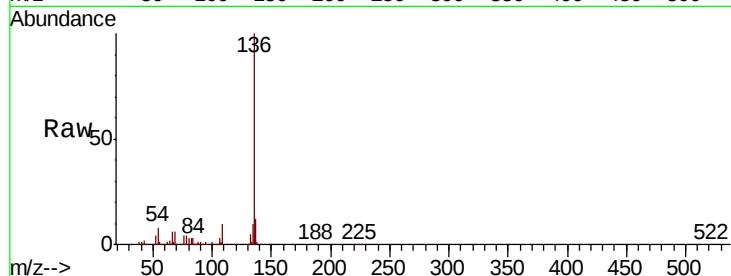
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 7.7 7.0 10.4

68 6.1 4.9 7.3



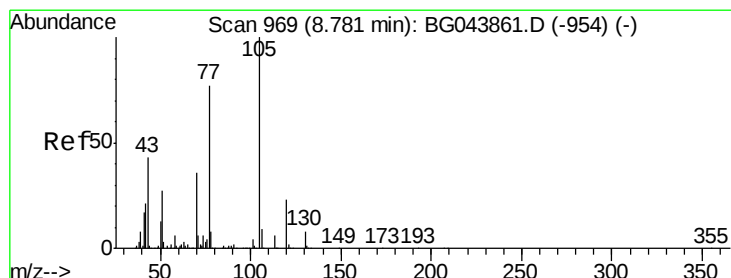
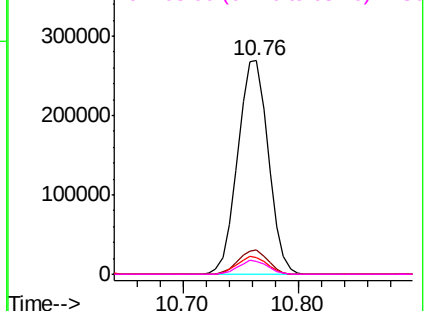
Abundance

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: 36.026 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:105 Resp: 443733

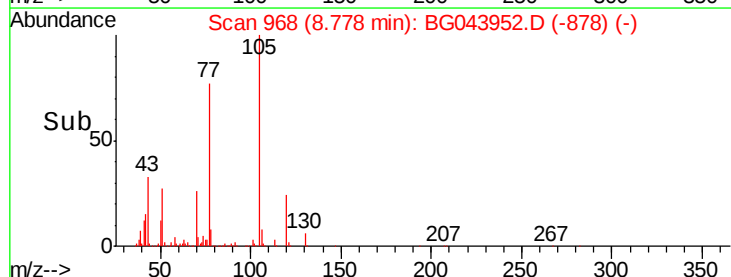
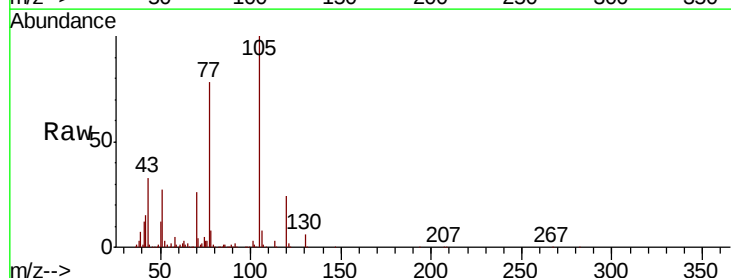
Ion Ratio Lower Upper

105 100

71 4.2 4.8 7.2#

51 27.4 21.4 32.0

120 23.6 18.6 28.0



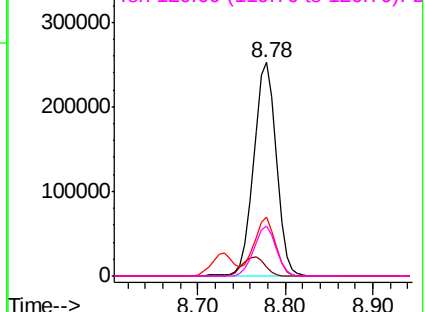
Abundance

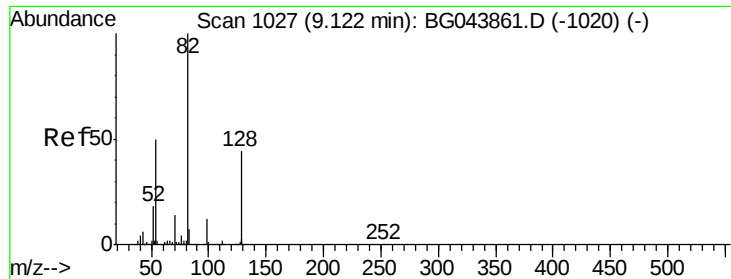
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

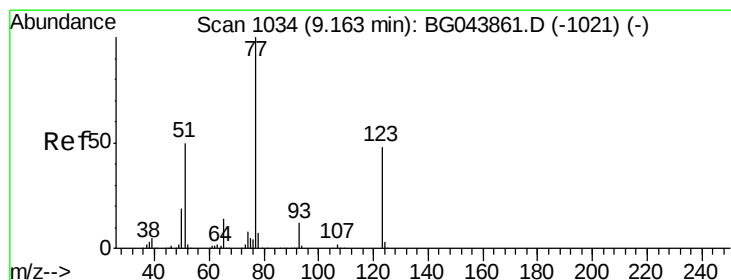
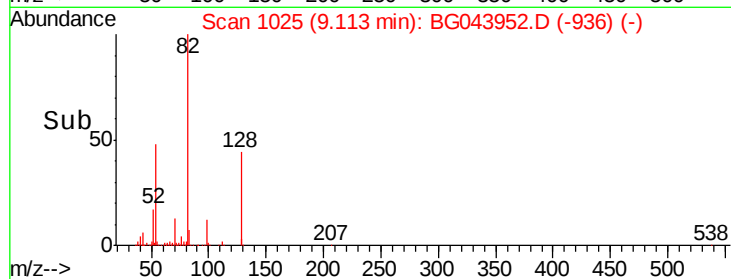
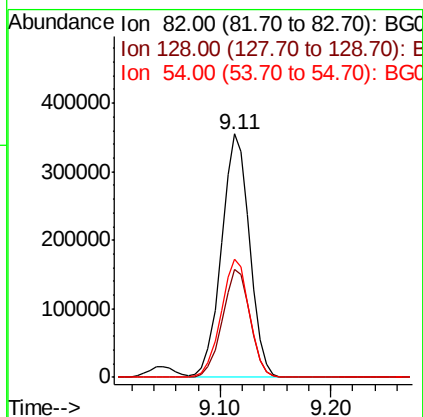
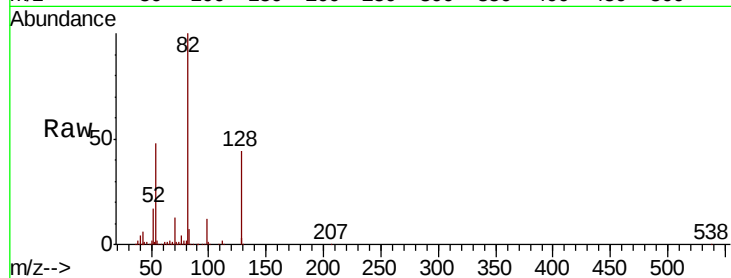




#23
Nitrobenzene-d5
Concen: 67.931 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

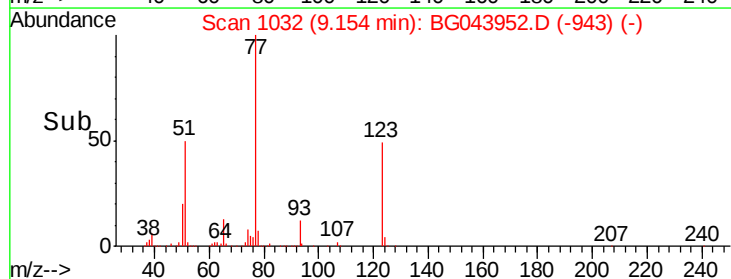
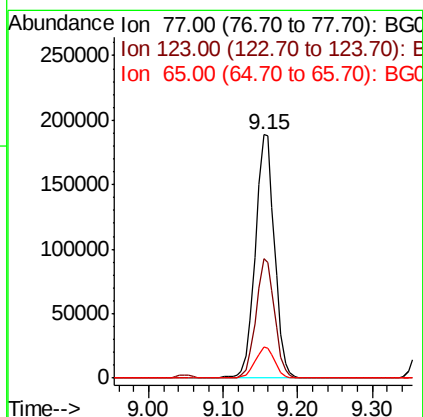
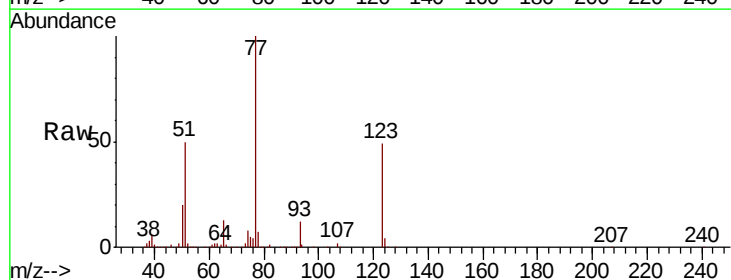
Instrument :
BNA_G
ClientSampleId :

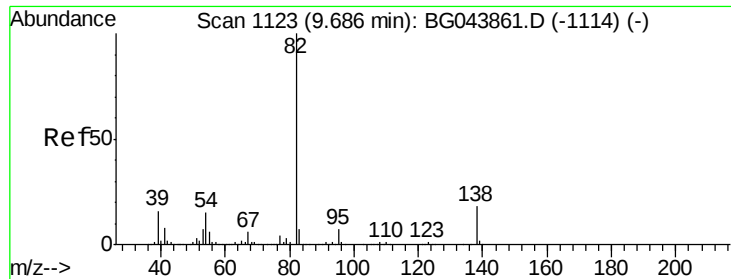
Tot Ion: 82 Resp: 629119
Ion Ratio Lower Upper
82 100
128 44.4 35.1 52.7
54 48.5 40.1 60.1



#24
Nitrobenzene
Concen: 36.843 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion: 77 Resp: 337940
Ion Ratio Lower Upper
77 100
123 48.9 38.7 58.1
65 13.0 11.1 16.7





#25

Isophorone

Concen: 37.340 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampled :

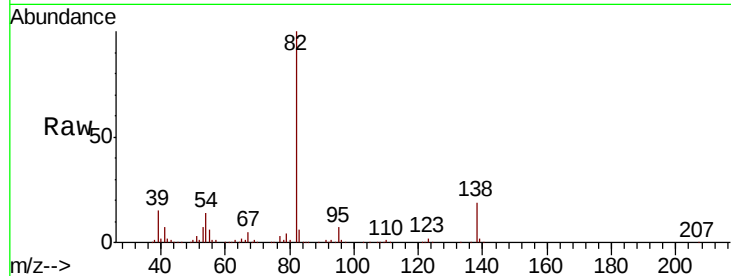
Tot Ion: 82 Resp: 648771

Ion Ratio Lower Upper

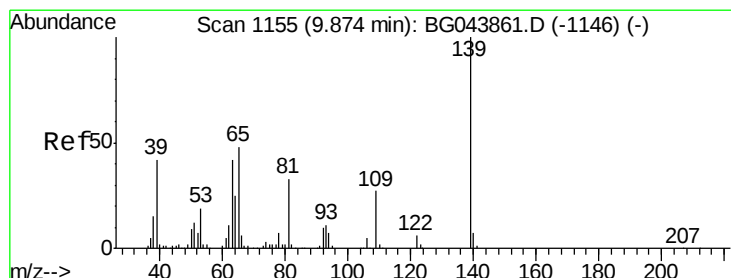
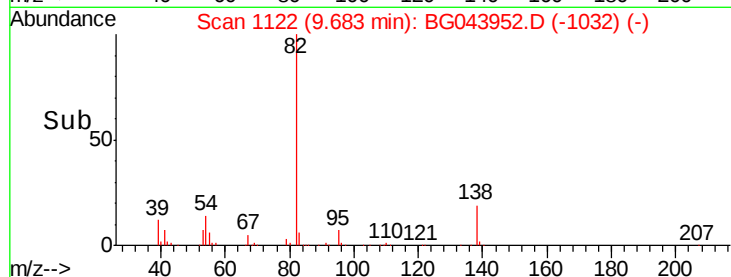
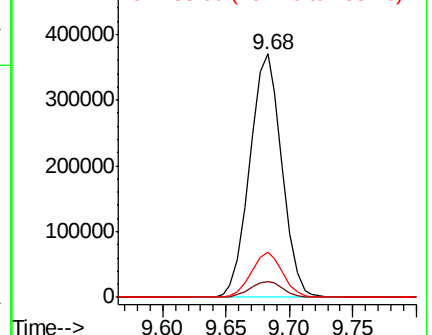
82 100

95 6.7 5.8 8.6

138 18.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.265 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

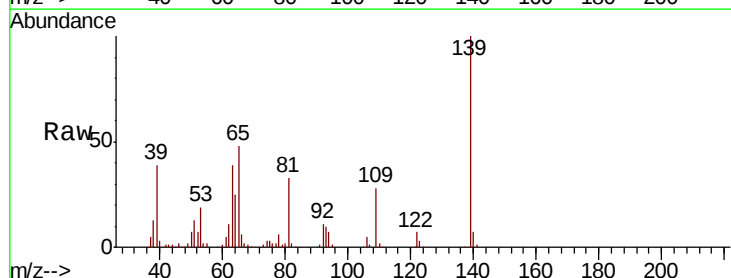
Tgt Ion: 139 Resp: 174736

Ion Ratio Lower Upper

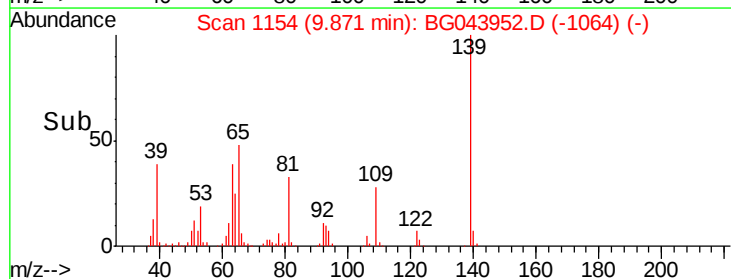
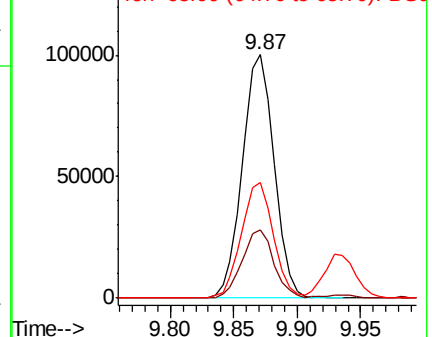
139 100

109 27.9 21.3 31.9

65 47.5 38.6 57.8



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

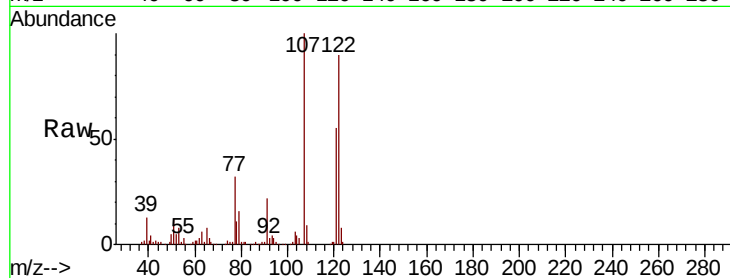




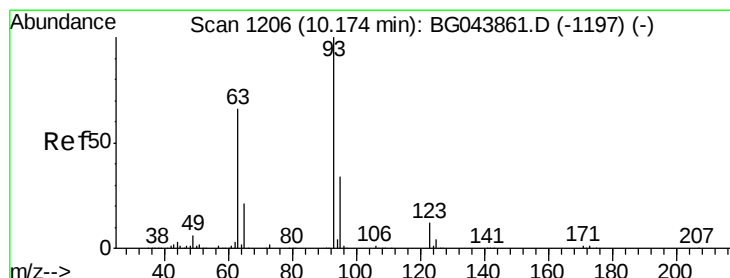
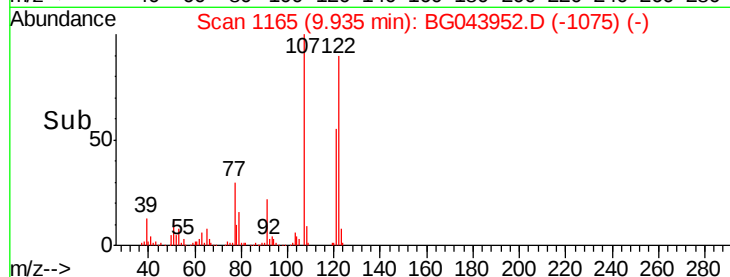
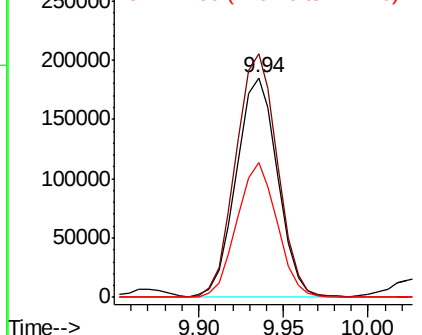
#27
 2,4-Dimethylphenol
 Concen: 48.029 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 313747
 Ion Ratio Lower Upper
 122 100
 107 110.9 88.0 132.0
 121 61.5 49.0 73.4

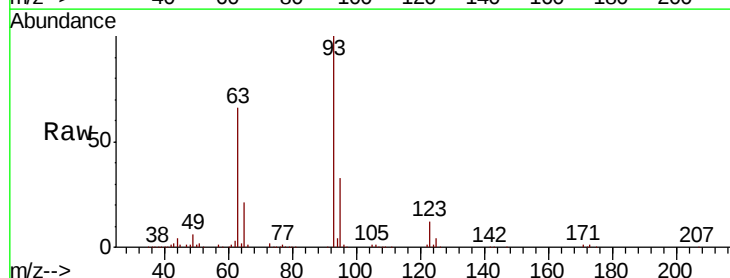


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

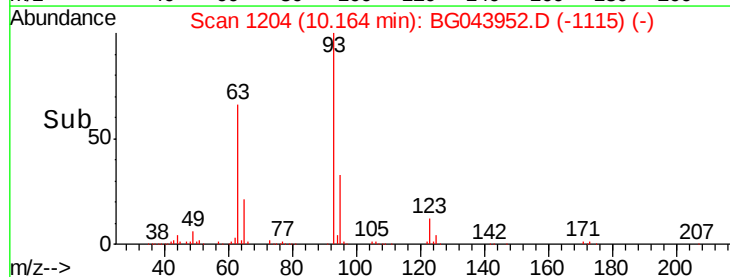
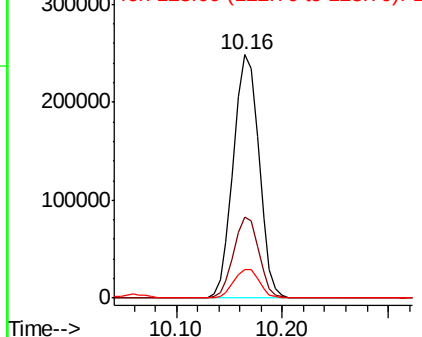


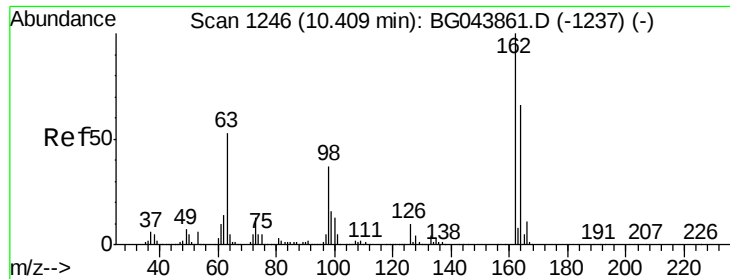
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.029 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion: 93 Resp: 417336
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.2 40.8
 123 11.8 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

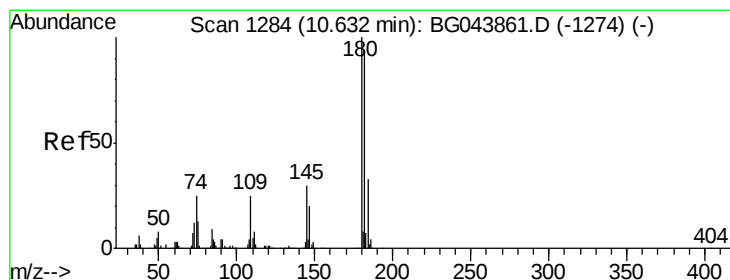
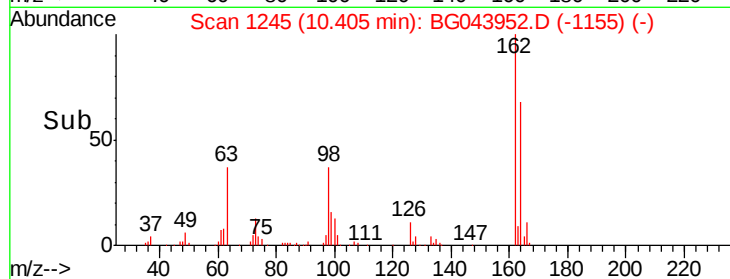
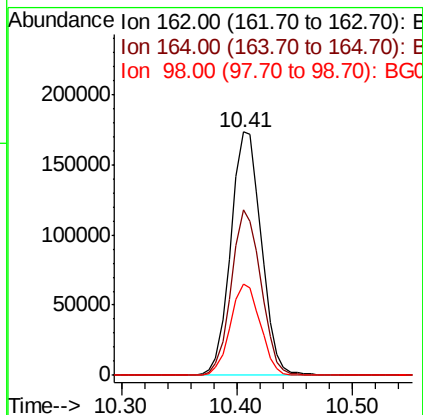
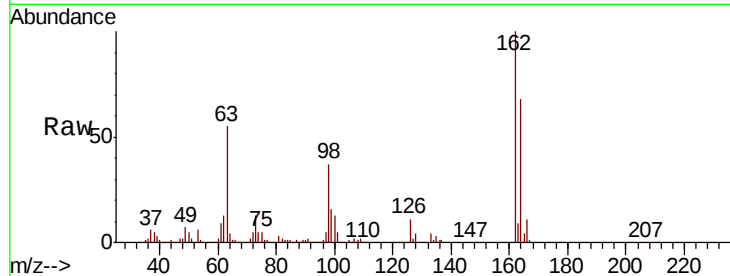




#29
2,4-Dichlorophenol
Concen: 40.830 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

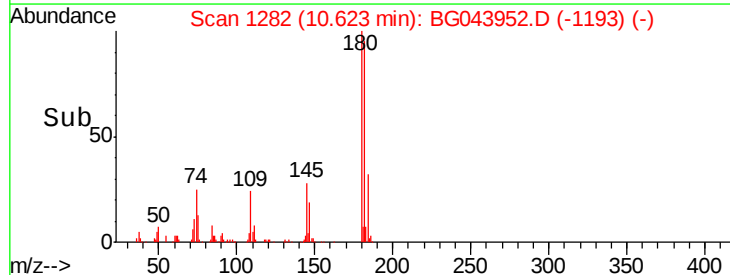
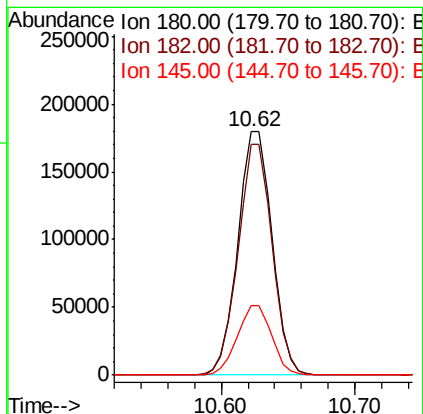
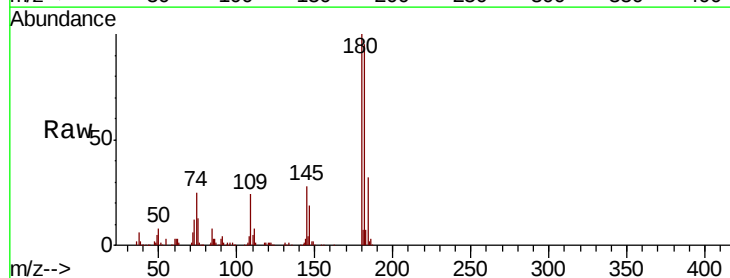
Instrument :
BNA_G
ClientSampled :

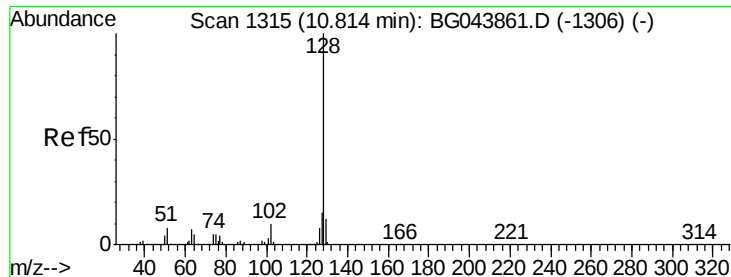
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.3	86.3
98	37.5	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 36.431 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.4
145	28.3	24.2	36.4

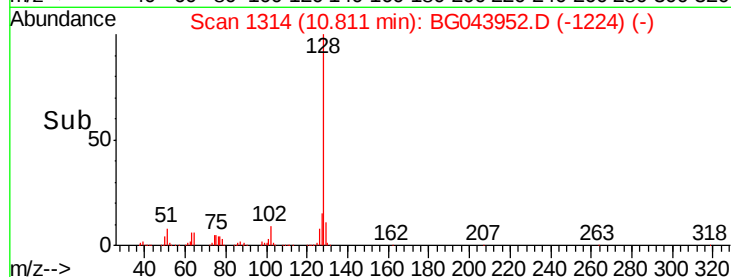
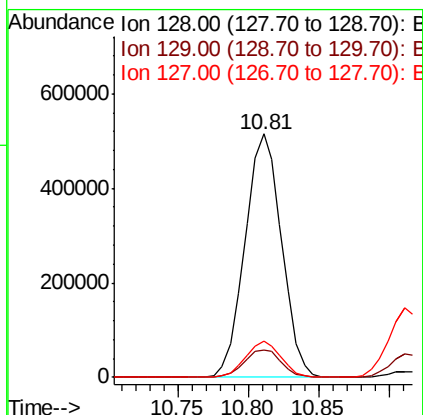
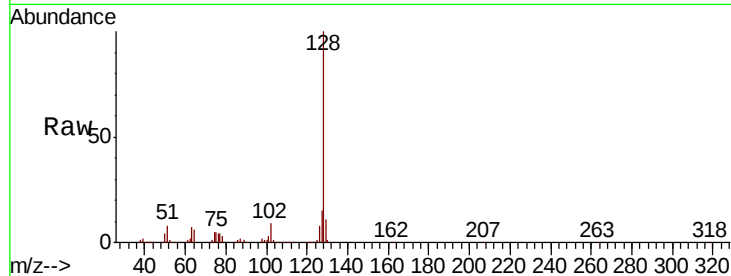




#31
Naphthalene
Concen: 39.079 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

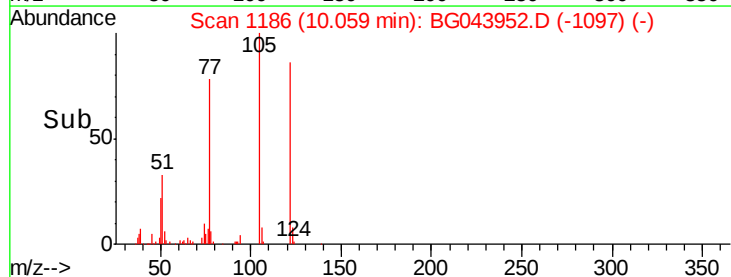
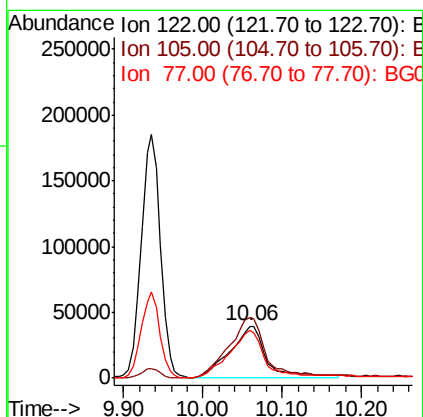
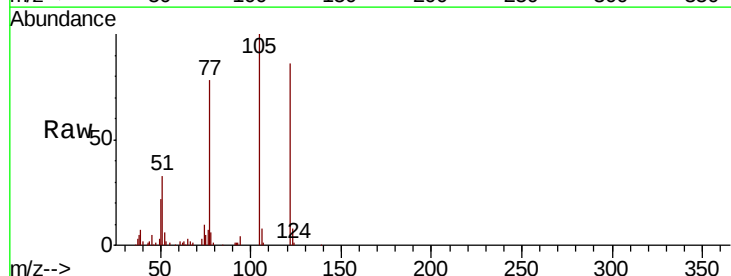
Instrument :
BNA_G
ClientSampleId :

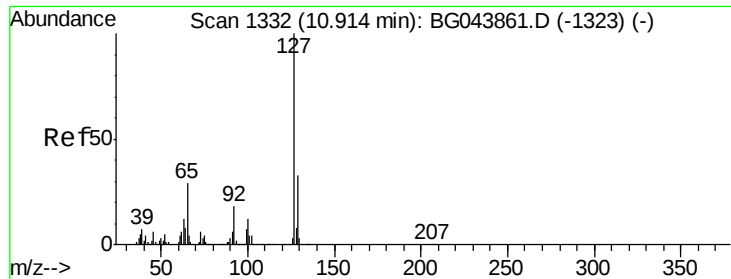
Tot Ion:128 Resp: 936900
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 15.0 12.0 18.0



#32
Benzoic acid
Concen: 26.004 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:122 Resp: 120779
Ion Ratio Lower Upper
122 100
105 116.2 106.4 146.4
77 91.0 74.6 114.6

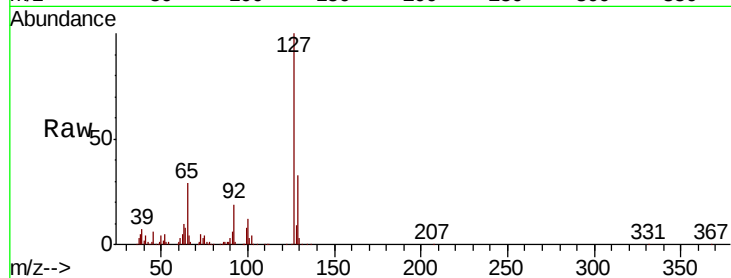




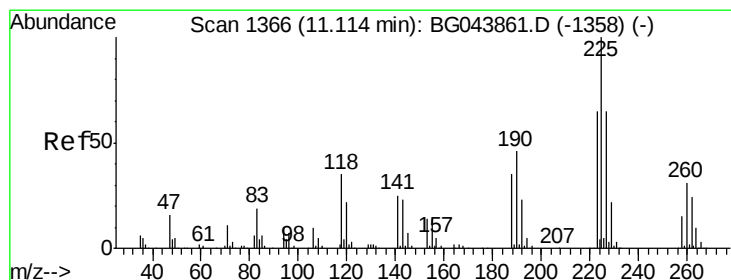
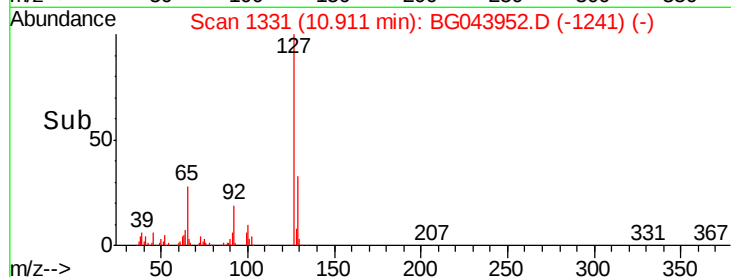
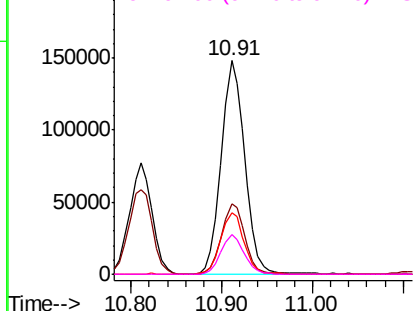
#33
4-Chloroaniline
Concen: 23.240 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	265753
Ion	Ratio	Lower Upper
127	100	
129	32.7	26.6 40.0
65	28.7	23.3 34.9
92	18.9	14.7 22.1

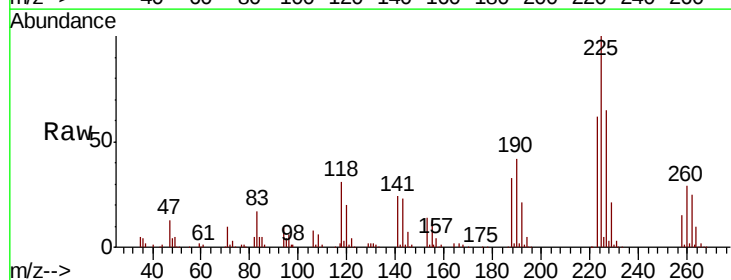


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

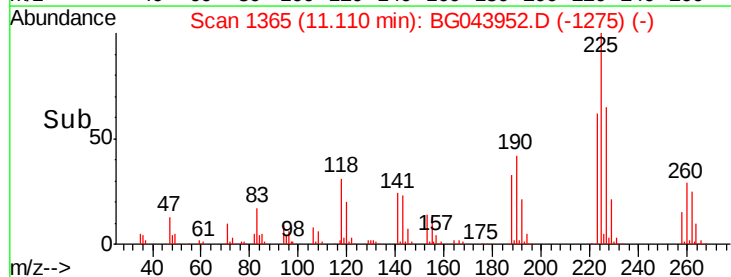
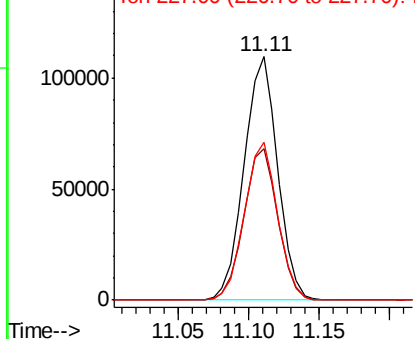


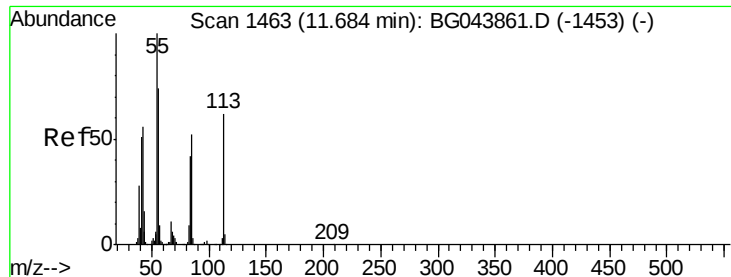
#34
Hexachlorobutadiene
Concen: 34.169 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:225	Resp:	182271
Ion	Ratio	Lower Upper
225	100	
223	62.0	52.2 78.4
227	64.7	52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.359 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

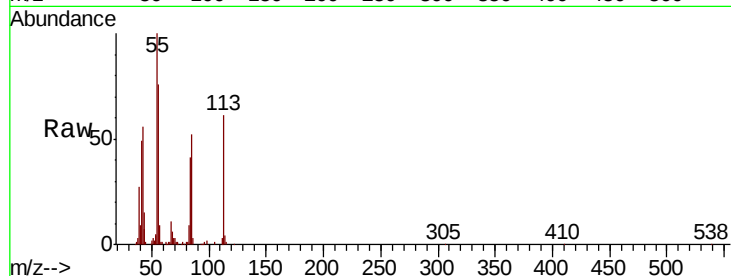
Tot Ion:113 Resp: 85164

Ion Ratio Lower Upper

113 100

55 163.3 142.5 182.5

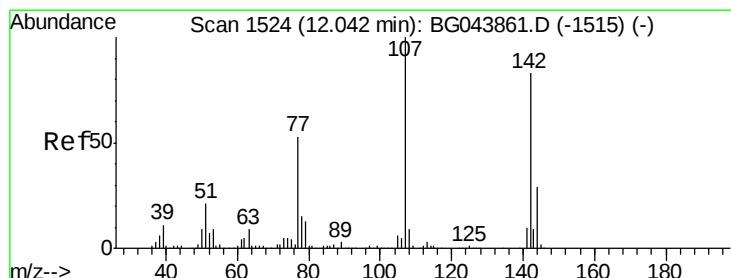
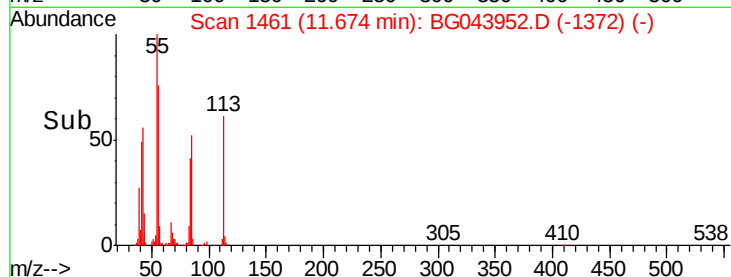
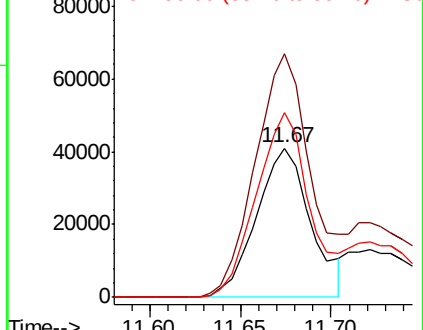
56 124.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.891 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

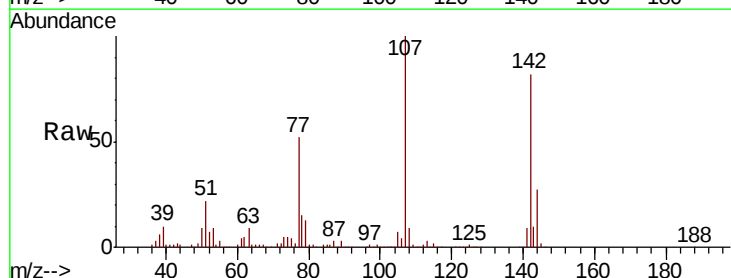
Tgt Ion:107 Resp: 347489

Ion Ratio Lower Upper

107 100

144 26.6 23.4 35.2

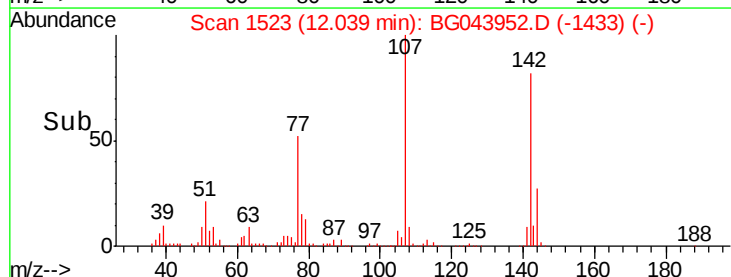
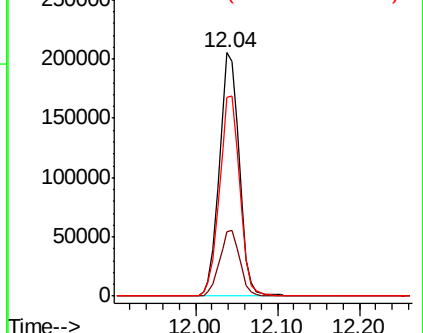
142 81.7 66.3 99.5

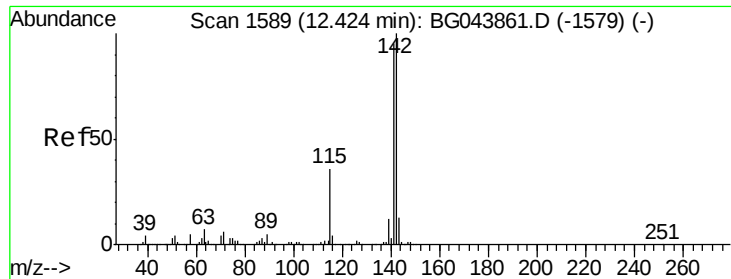


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

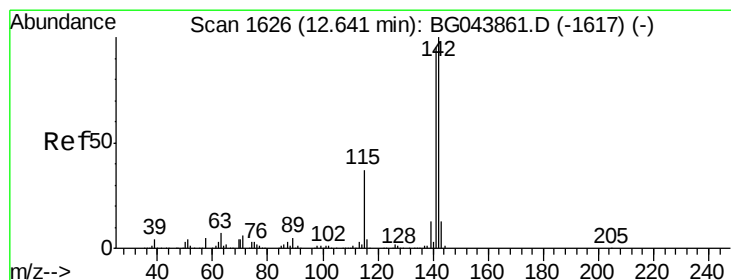
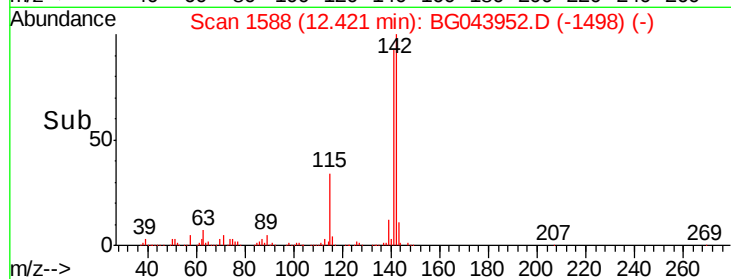
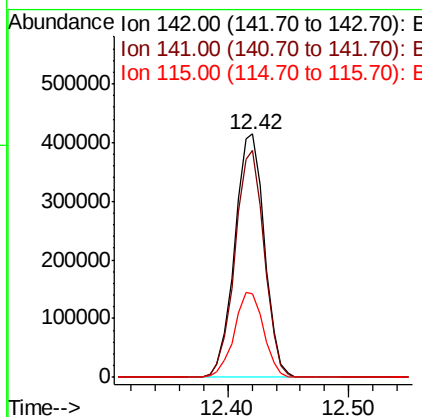
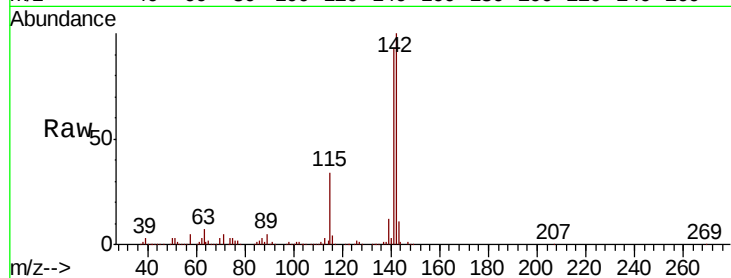




#37
2-Methylnaphthalene
Concen: 39.388 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

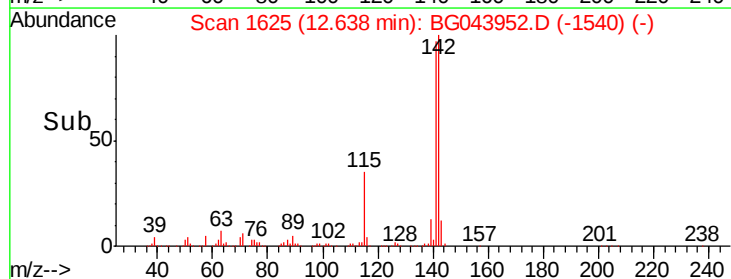
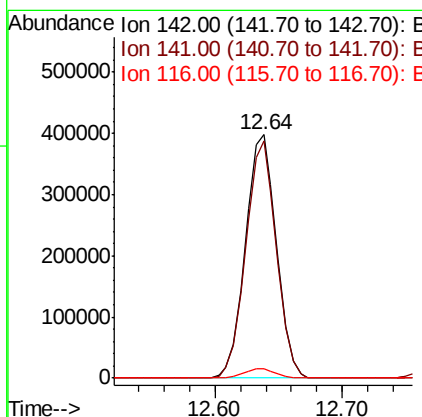
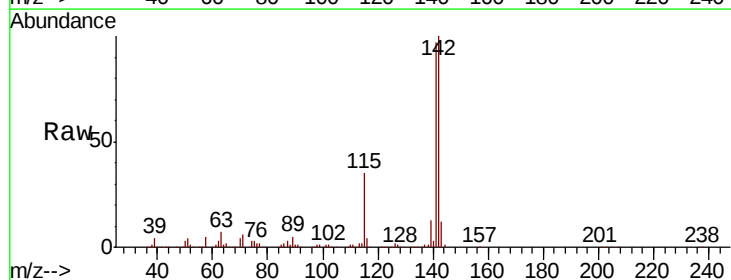
Instrument :
BNA_G
ClientSampled :

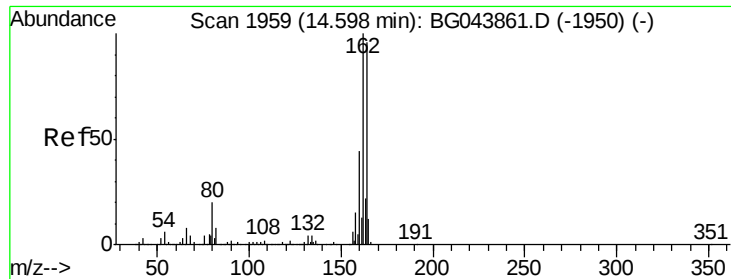
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.8
115	34.1	28.6	42.8



#38
1-Methylnaphthalene
Concen: 39.340 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	76.0	114.0
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

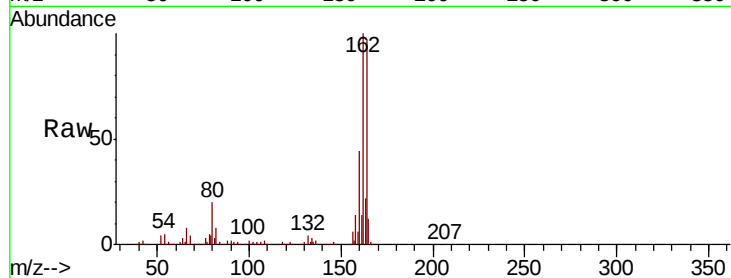
Tot Ion:164 Resp: 338972

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

160 46.1 36.1 54.1

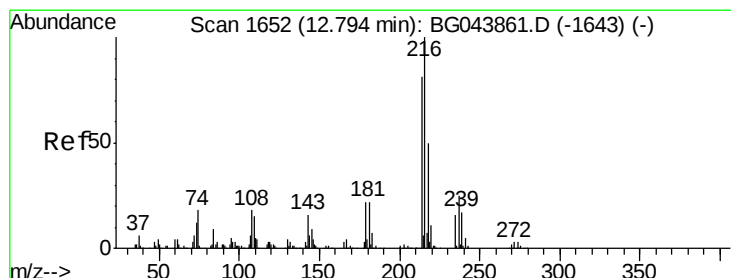
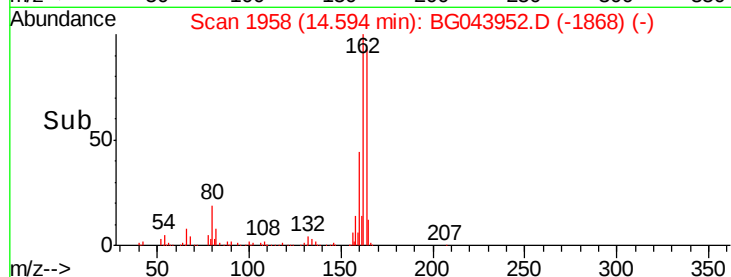
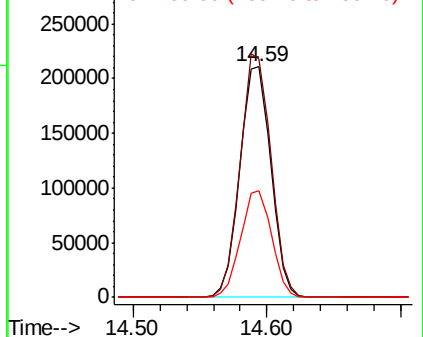


Abundance

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: 33.983 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:216 Resp: 337633

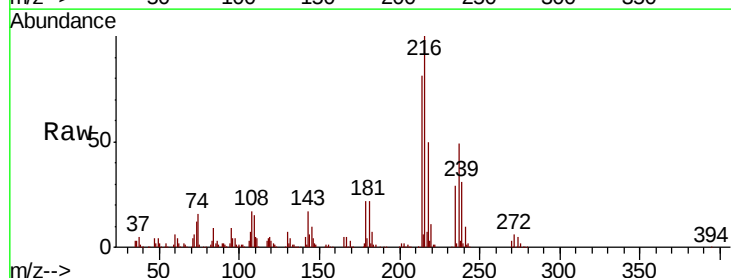
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.6 17.3 25.9

108 20.8 15.3 22.9



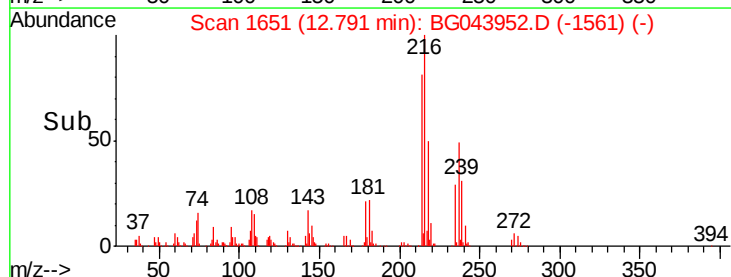
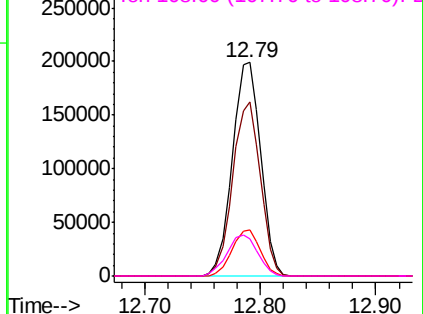
Abundance

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: 84.159 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

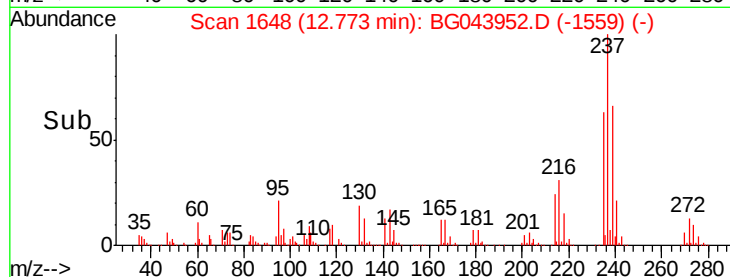
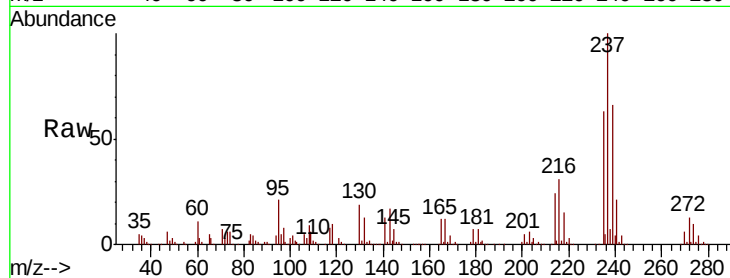
Tot Ion:237 Resp: 433488

Ion Ratio Lower Upper

237 100

235 62.9 41.1 81.1

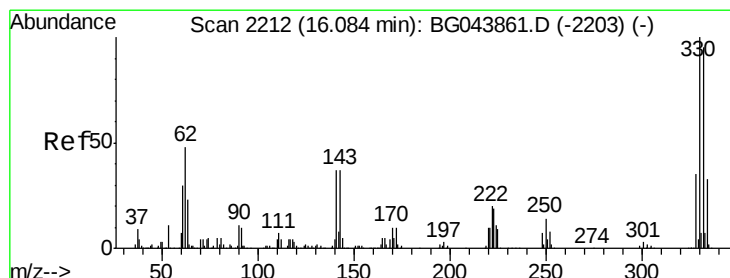
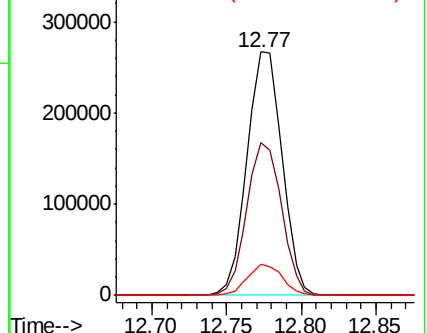
272 13.0 0.0 31.7



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: 107.650 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

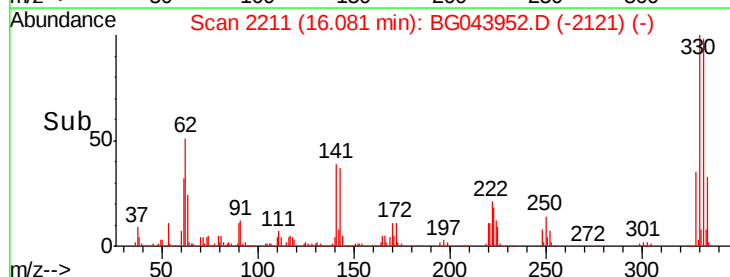
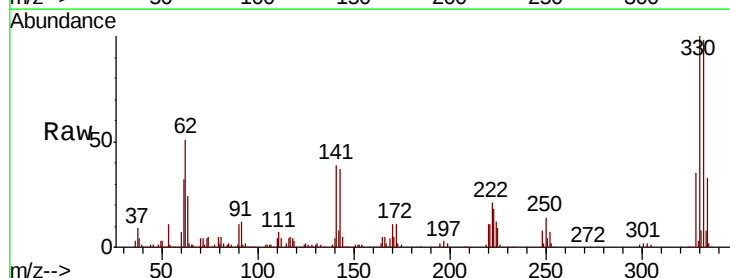
Tgt Ion:330 Resp: 381865

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

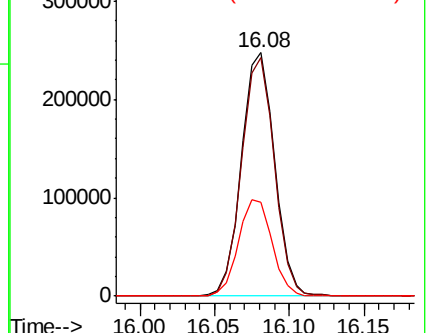
141 40.5 33.1 49.7



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

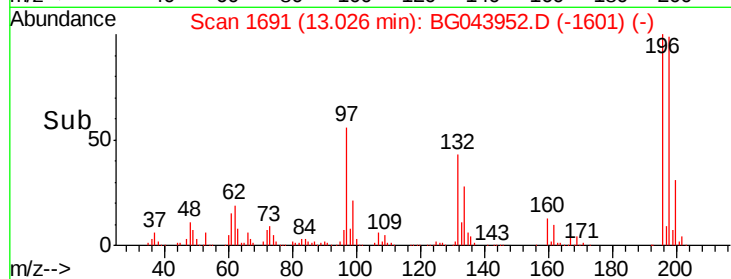
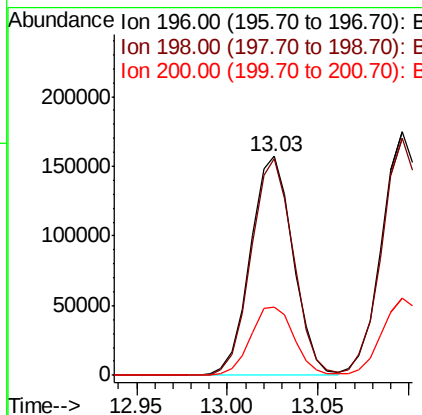
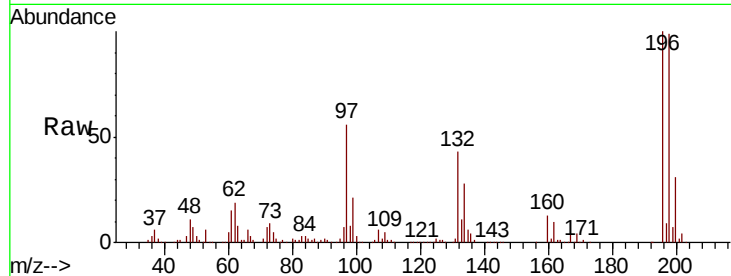




#43
 2,4,6-Trichlorophenol
 Concen: 37.620 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

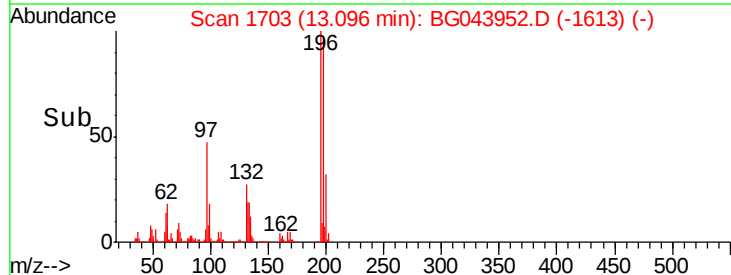
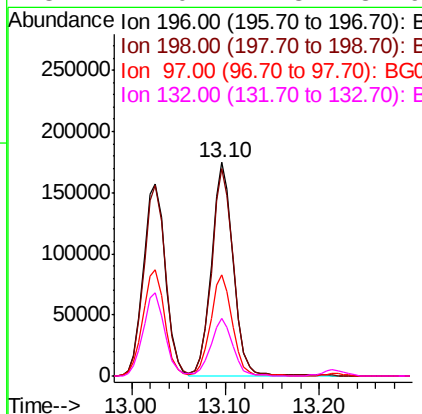
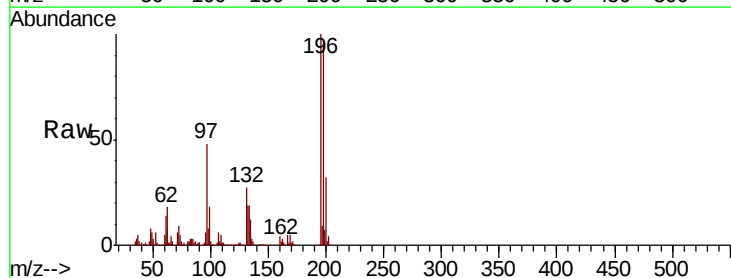
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 257179
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.6 115.0
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.902 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:196 Resp: 281340
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.3 117.5
 97 47.5 38.8 58.2
 132 27.0 21.3 31.9



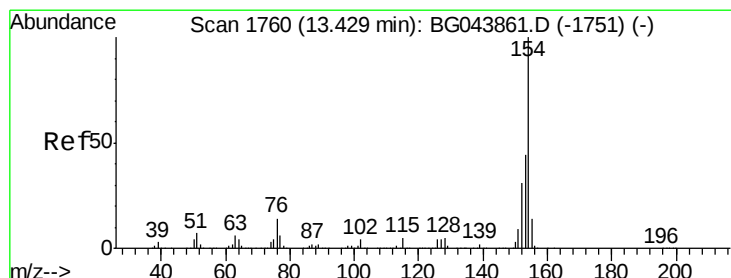
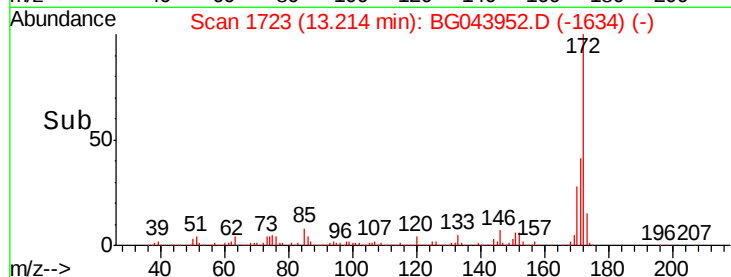
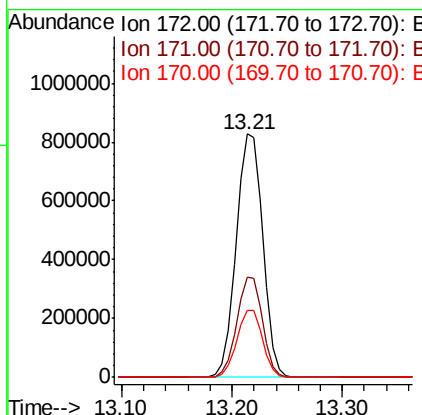
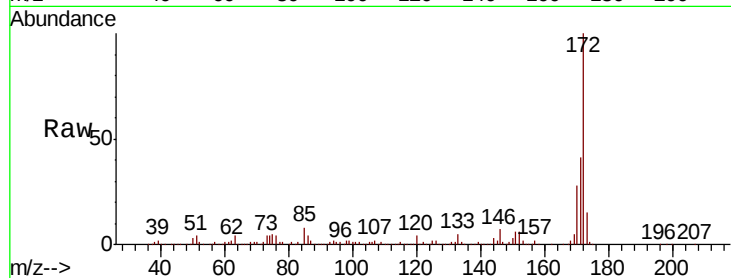


#45
 2-Fluorobiphenyl
 Concen: 74.686 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1397331

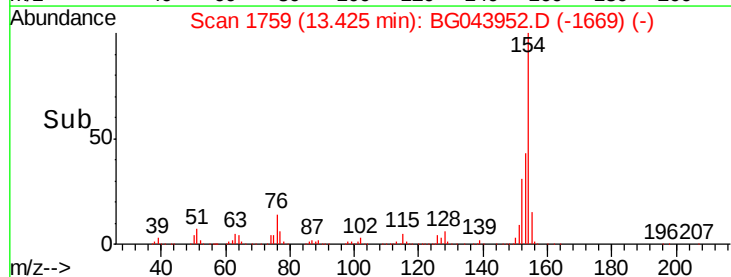
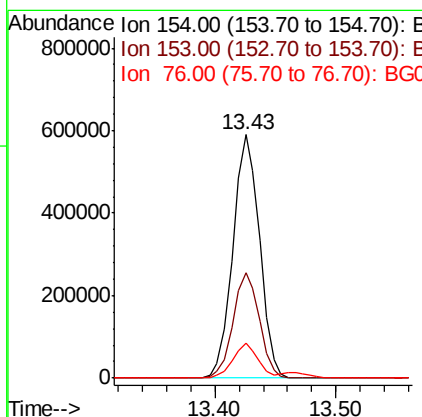
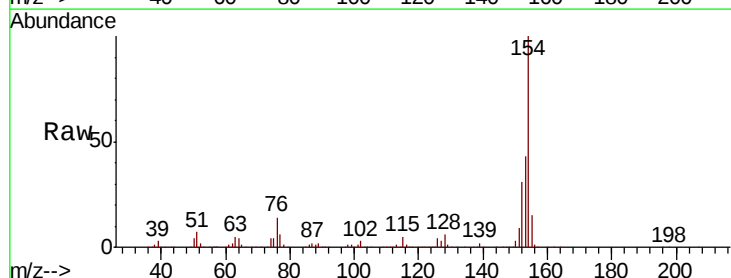
Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.8
170	27.7	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 37.186 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:154 Resp: 903766

Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.6	63.6
76	14.4	0.0	34.4

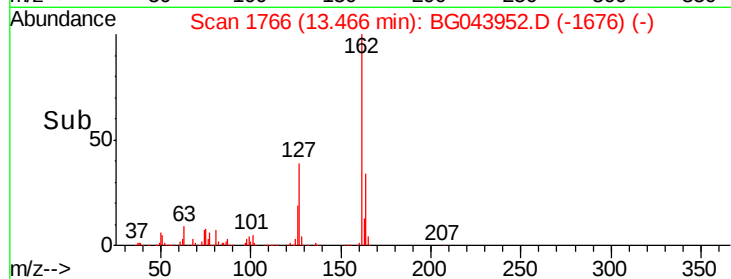
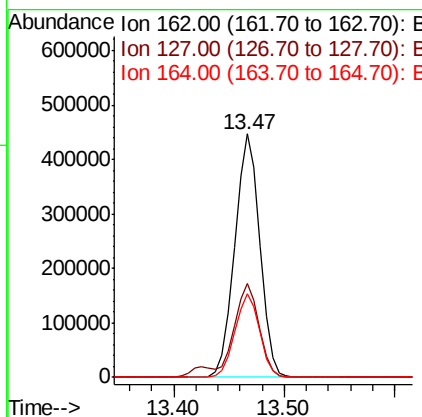
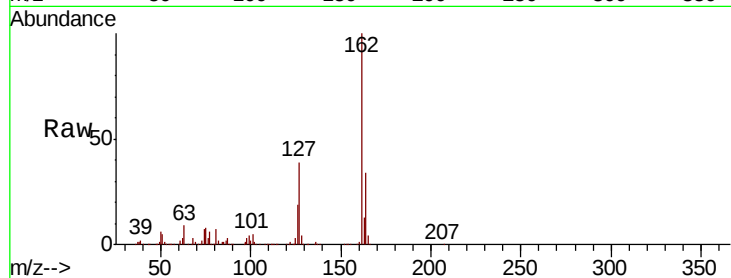




#47
 2-Chloronaphthalene
 Concen: 36.092 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

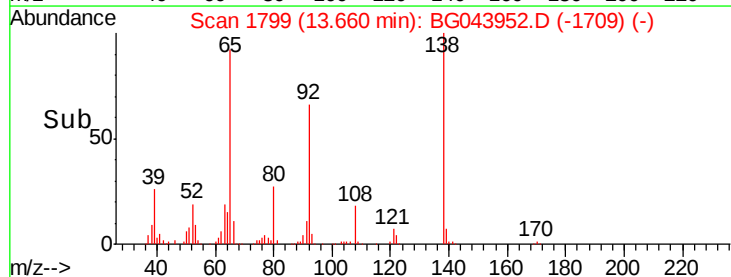
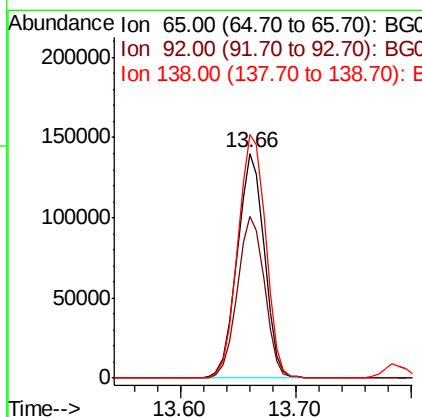
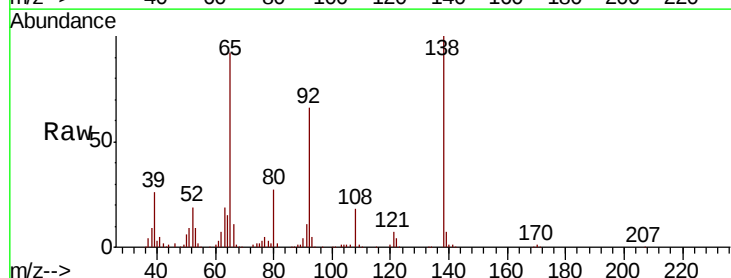
Instrument :
 BNA_G
 ClientSampleId :

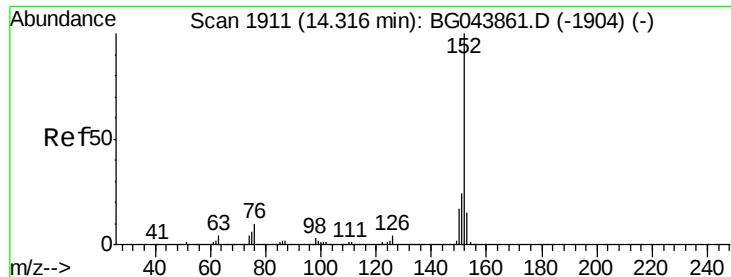
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.1	48.1
164	34.5	27.5	41.3



#48
 2-Nitroaniline
 Concen: 36.101 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.4	86.2
138	108.4	88.2	132.4





#49

Acenaphthylene

Concen: 39.775 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

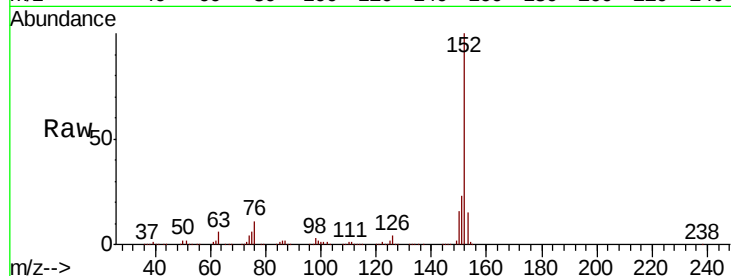
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1122727

Ion	Ratio	Lower	Upper
152	100		
151	22.7	19.4	29.2
153	15.1	12.0	18.0

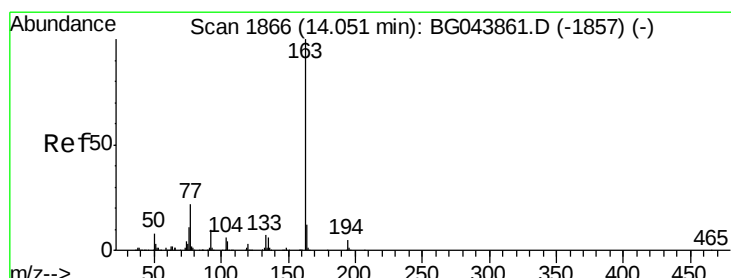
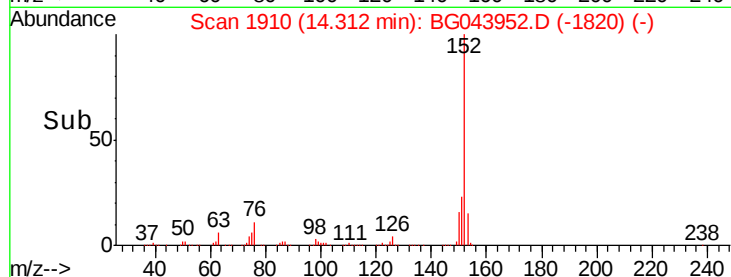
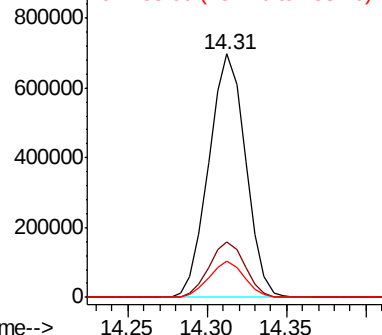


Abundance

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: 38.162 ng

RT: 14.05 min Scan# 1865

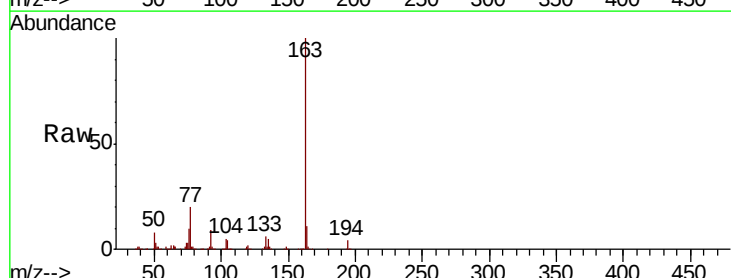
Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:163 Resp: 918485

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.5	9.3	13.9

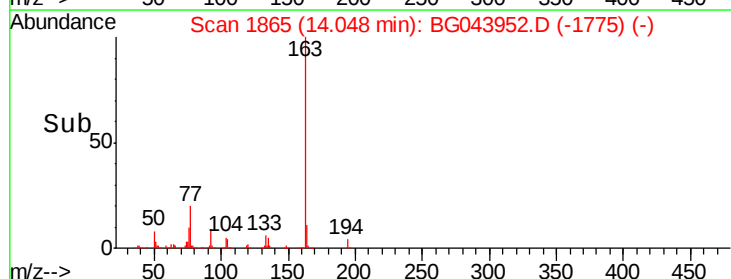
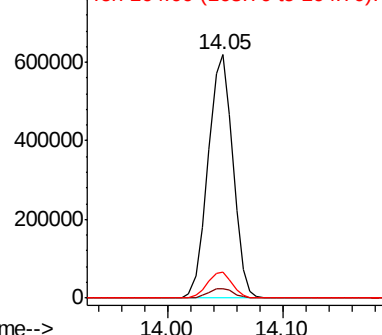


Abundance

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: 38.812 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG043952.D

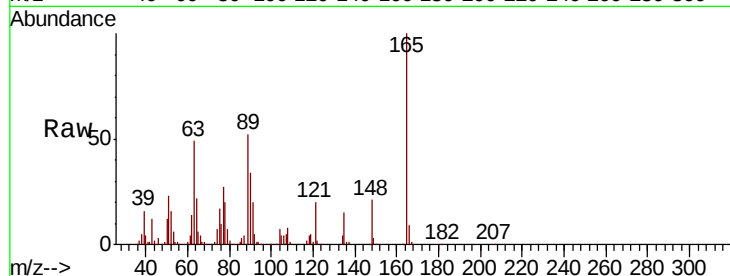
Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampled :

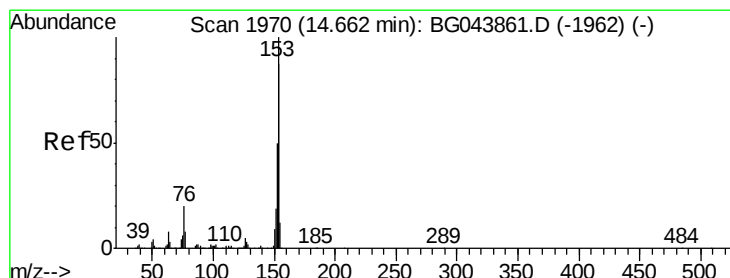
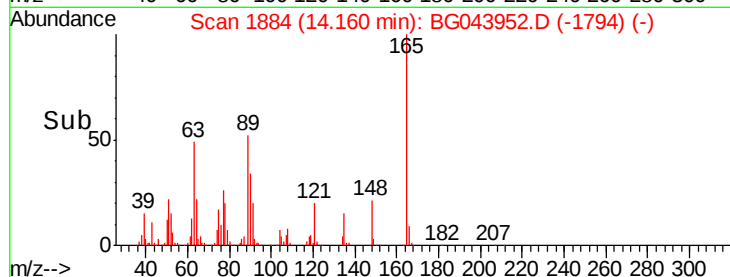
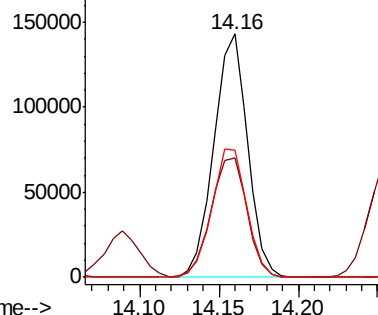
Tot Ion:165	Resp:	211136
Ion Ratio	Lower	Upper
165	100	
63	49.2	43.1 64.7
89	52.4	43.8 65.6



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: 36.175 ng

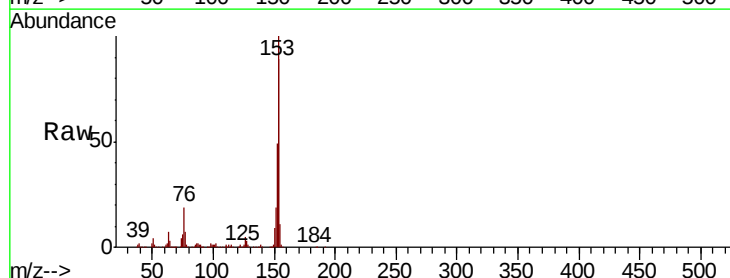
RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

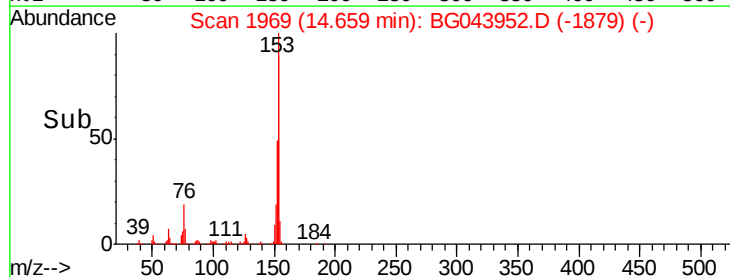
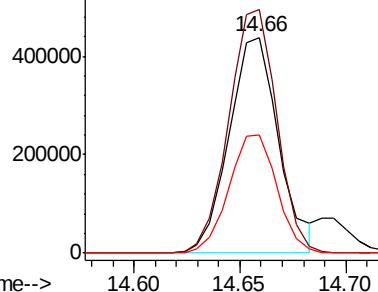
Tgt Ion:154	Resp:	716089
Ion Ratio	Lower	Upper
154	100	
153	112.8	91.6 137.4
152	54.9	45.4 68.0



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

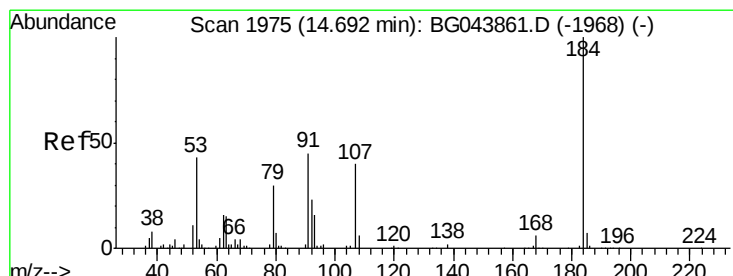
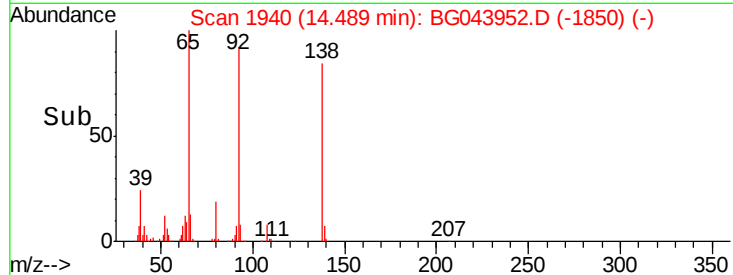
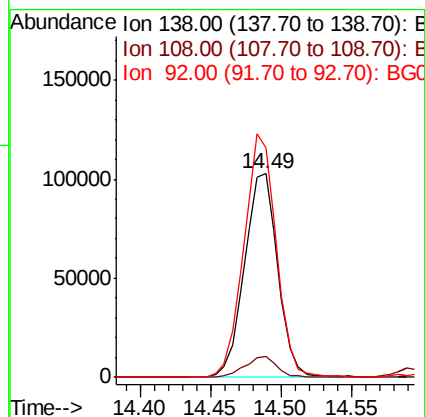
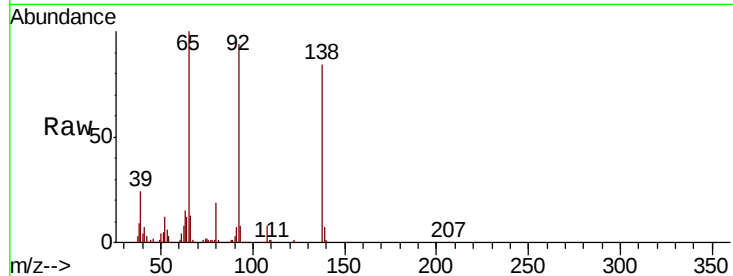




#53
 3-Nitroaniline
 Concen: 27.468 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

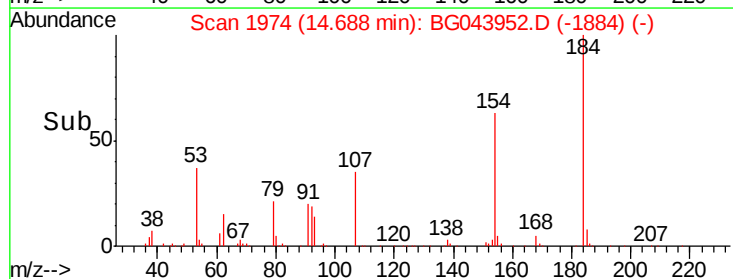
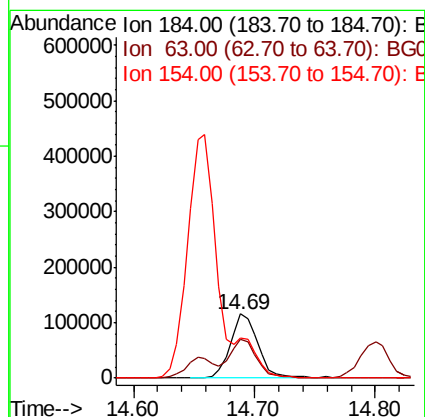
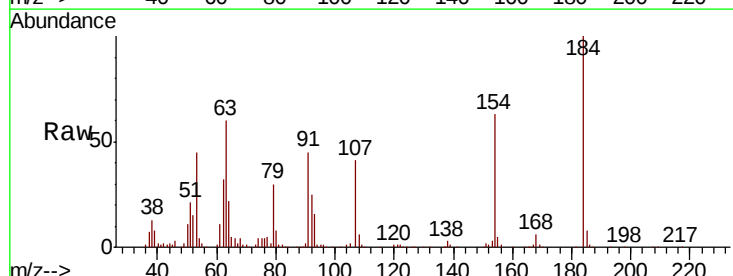
Instrument :
 BNA_G
 ClientSampleId :

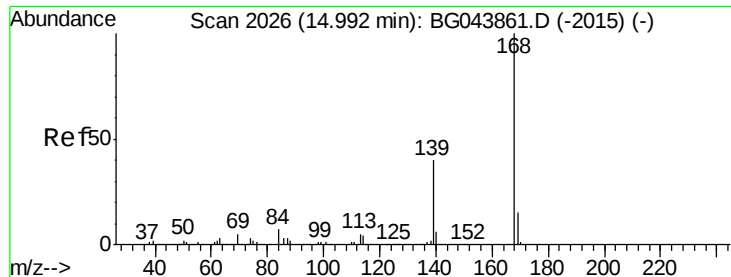
Tot Ion:138 Resp: 169685
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.4 11.2
 92 112.8 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 68.139 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:184 Resp: 186423
 Ion Ratio Lower Upper
 184 100
 63 60.4 46.6 70.0
 154 62.7 50.2 75.4





#55

Dibenzofuran

Concen: 39.525 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

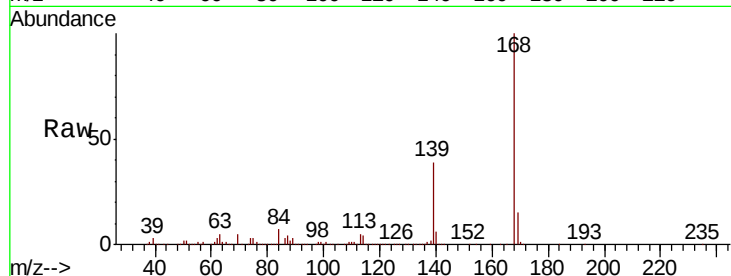
Tot Ion:168 Resp: 1077070

Ion Ratio Lower Upper

168 100

139 39.4 32.2 48.2

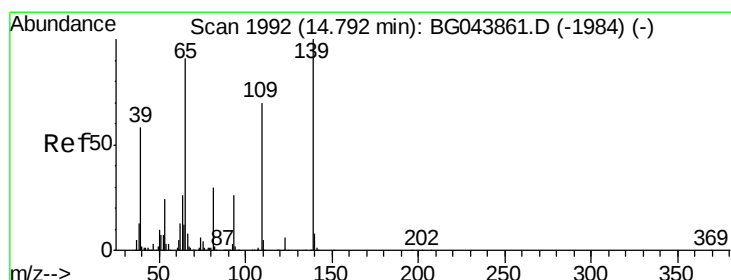
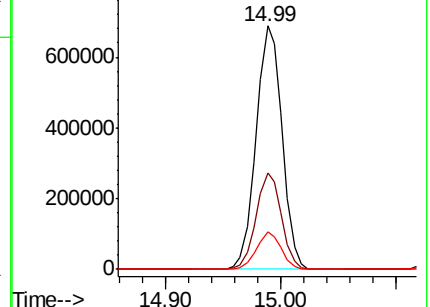
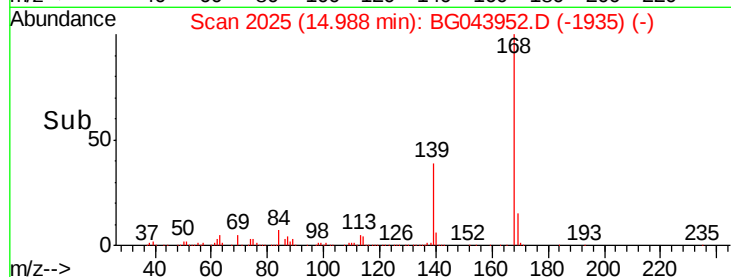
169 15.3 12.2 18.2



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: 86.708 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

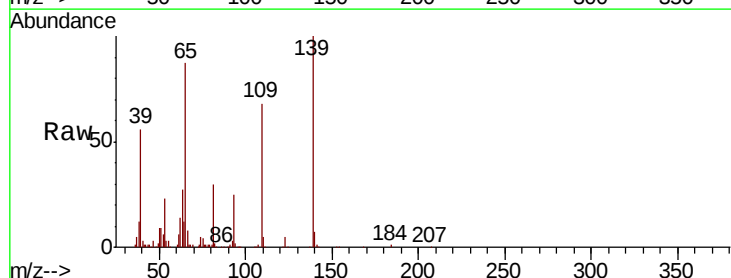
Tgt Ion:139 Resp: 410468

Ion Ratio Lower Upper

139 100

109 68.1 50.4 90.4

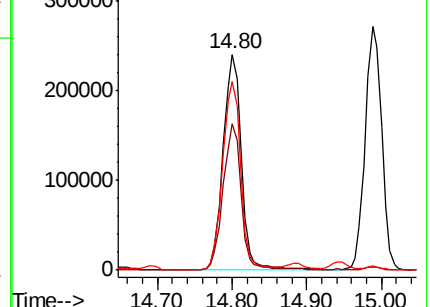
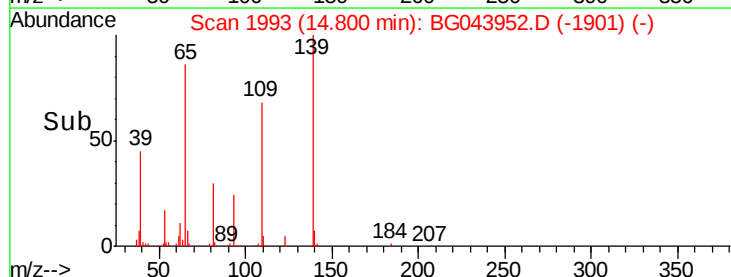
65 87.5 71.4 111.4

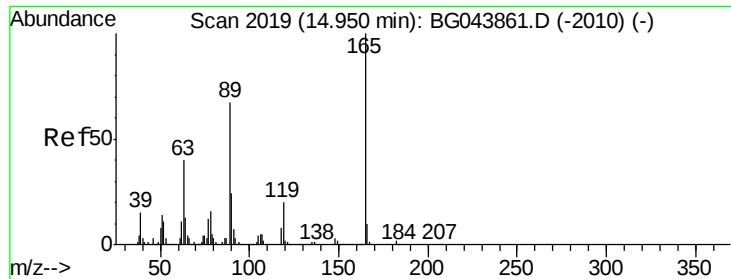


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

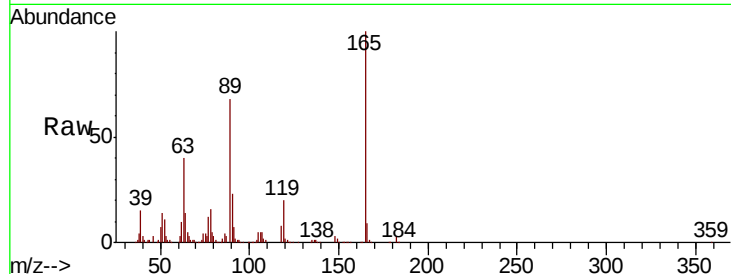




#57
2,4-Dinitrotoluene
Concen: 39.867 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	31.9	47.9
89	67.9	53.8	80.6
182	2.6	2.0	3.0



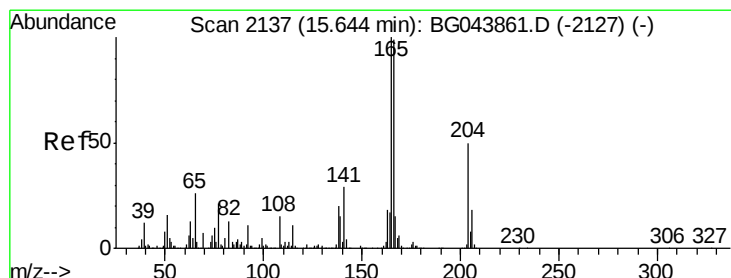
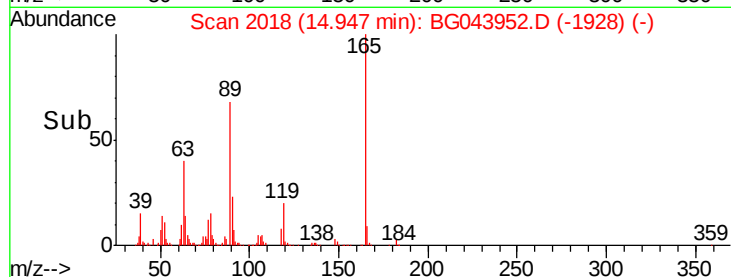
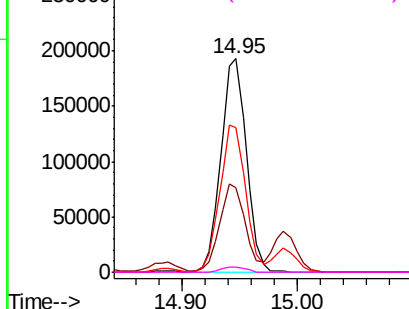
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

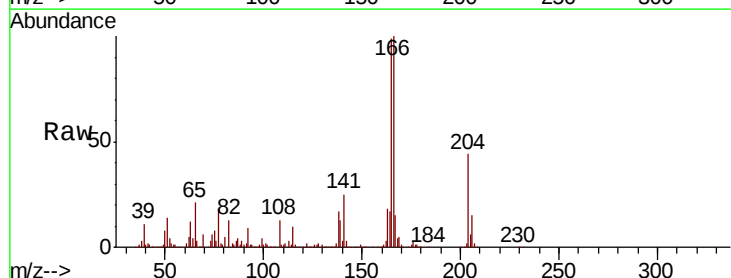
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.711 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	14.6	12.1	18.1

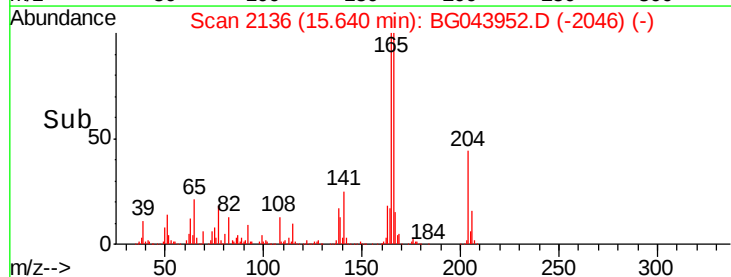
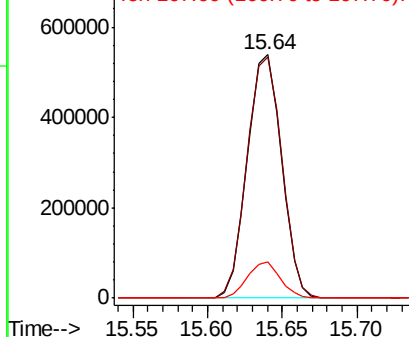


Abundance

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

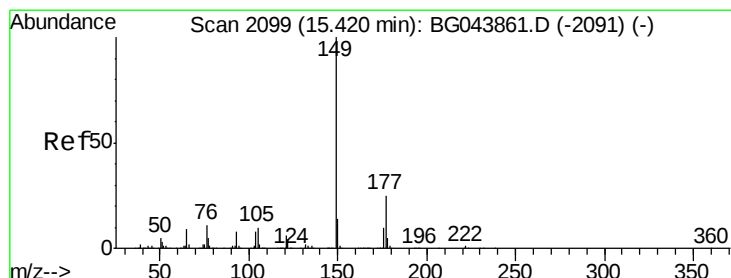
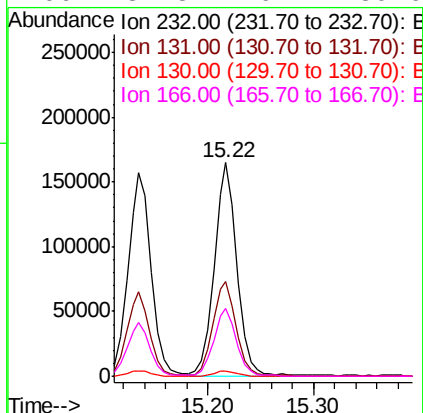
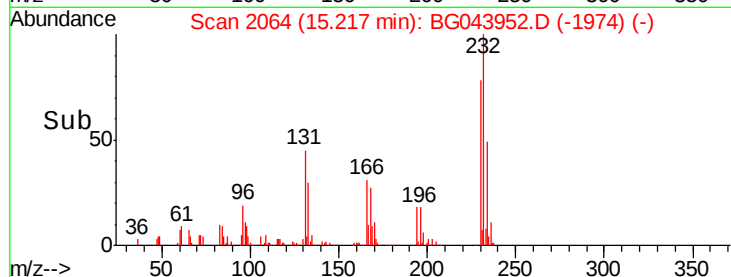
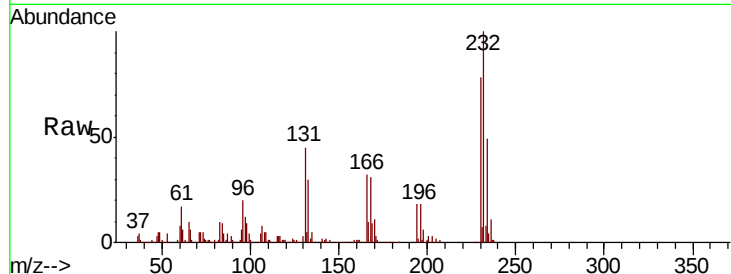




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.480 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

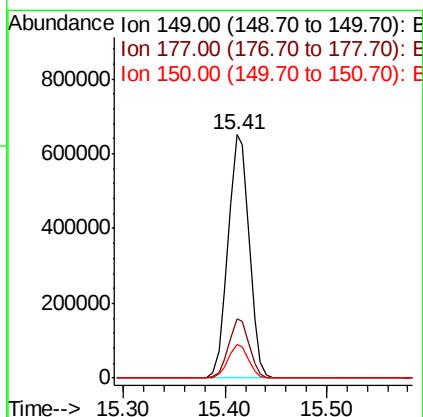
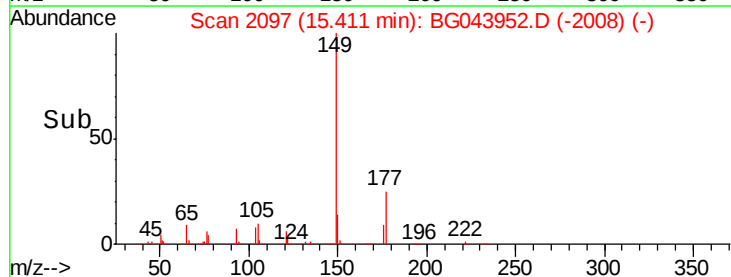
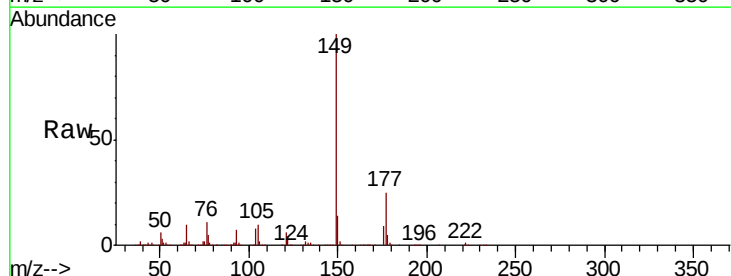
Instrument :
 BNA_G
 ClientSampleId :

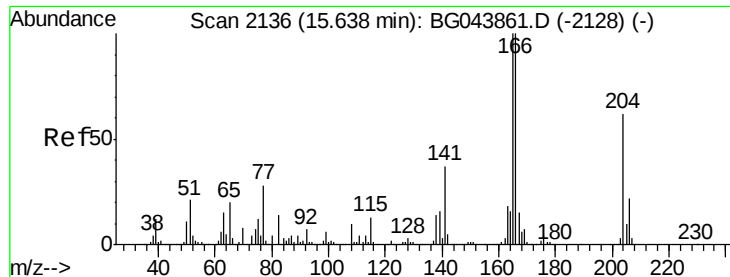
Tot Ion:232	Resp:	245424	
Ion Ratio	Lower	Upper	
232	100		
131	45.8	38.2	57.2
130	2.6	2.2	3.2
166	31.8	26.4	39.6



#60
 Diethylphthalate
 Concen: 38.946 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:149	Resp: 937554
Ion Ratio	Lower Upper
149 100	
177 24.6	20.0 30.0
150 13.7	11.1 16.7





#61

4-Chlorophenyl-phenylether

Concen: 37.858 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampled :

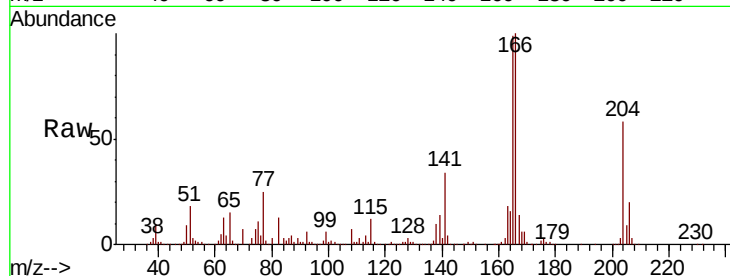
Tot Ion:204 Resp: 444001

Ion Ratio Lower Upper

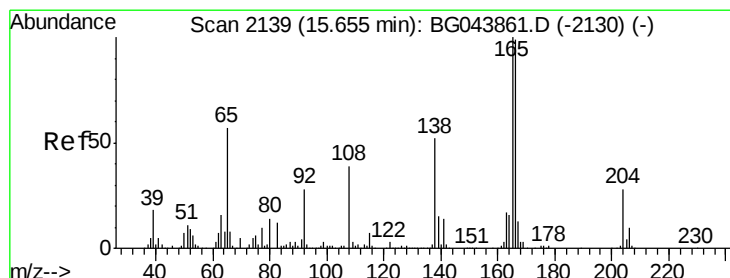
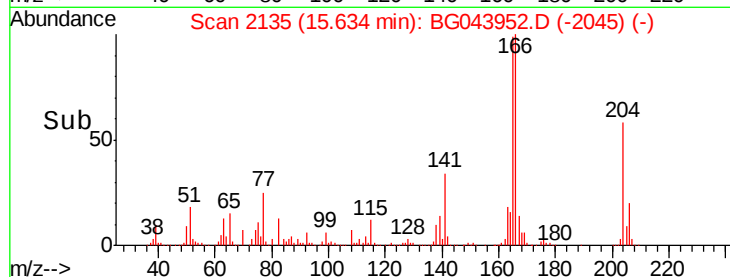
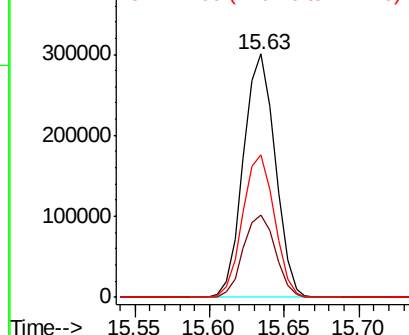
204 100

206 33.8 28.2 42.2

141 58.3 48.2 72.2



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



#62

4-Nitroaniline

Concen: 37.495 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

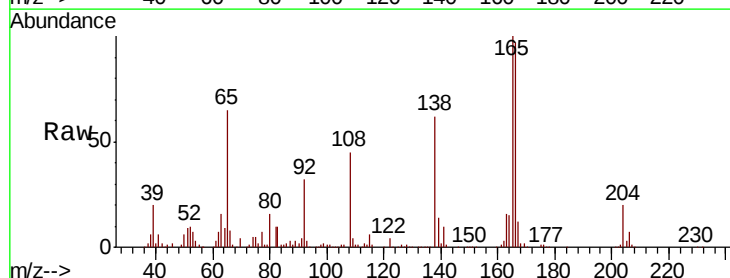
Tgt Ion:138 Resp: 228736

Ion Ratio Lower Upper

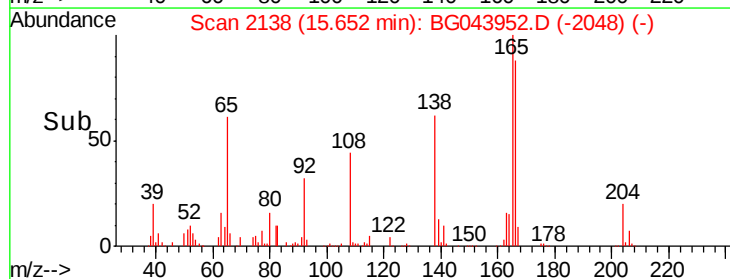
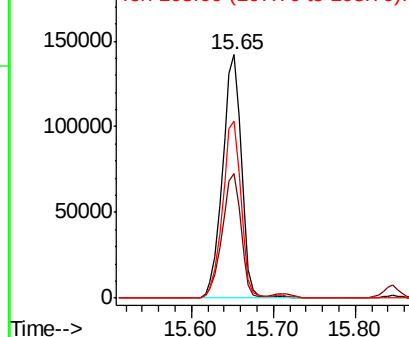
138 100

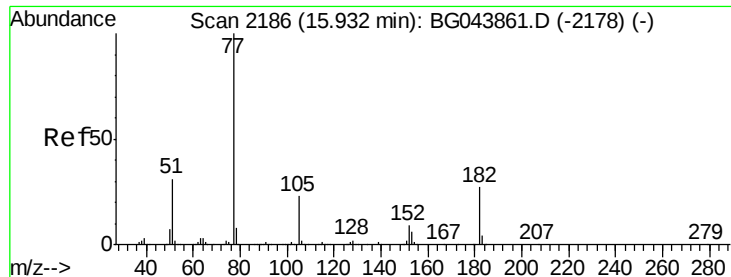
92 51.3 34.3 74.3

108 72.7 55.0 95.0



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





#63

Azobenzene

Concen: 39.518 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 882245

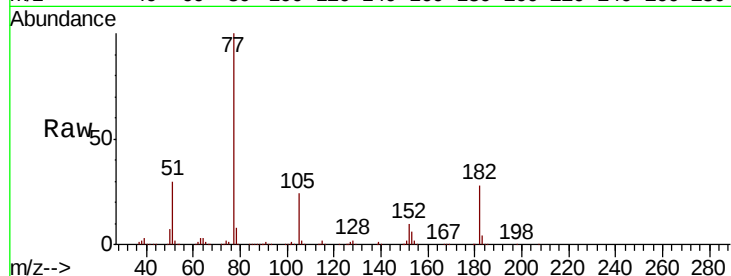
Ion Ratio Lower Upper

77 100

182 27.8 7.3 47.3

105 23.6 3.2 43.2

51 30.4 10.6 50.6

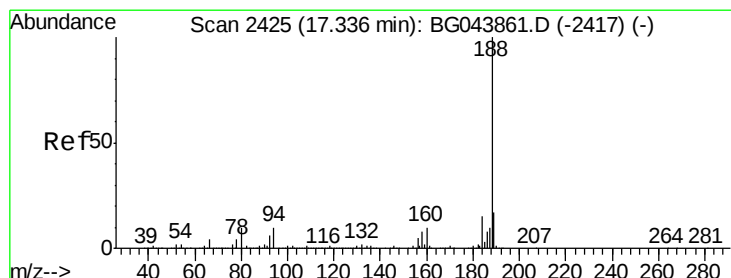
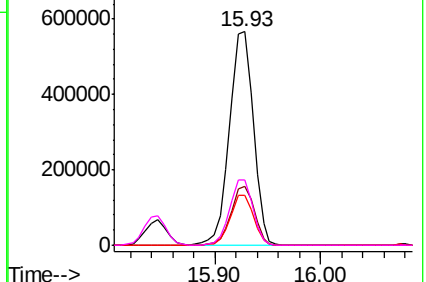
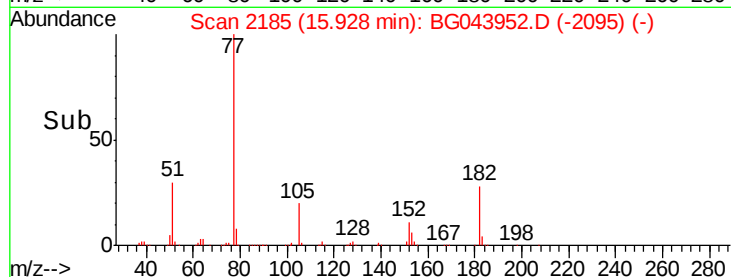


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

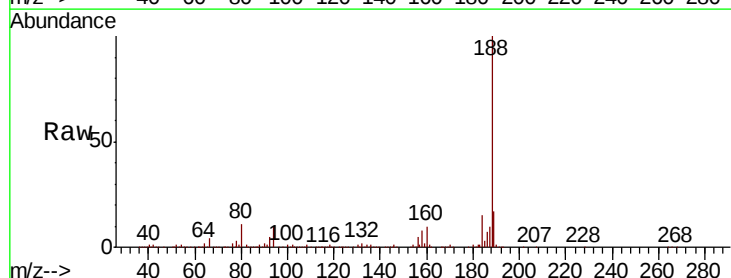
Tgt Ion: 188 Resp: 738011

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

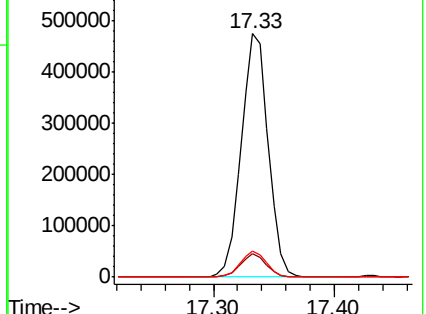
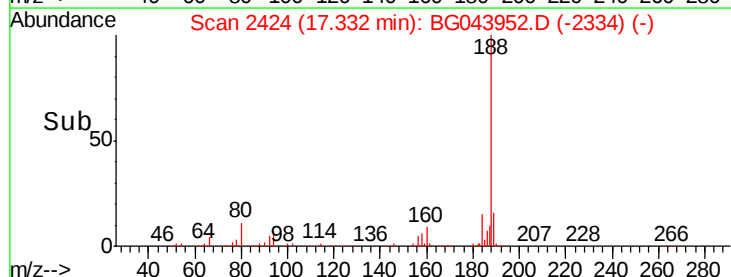
80 10.9 8.2 12.4

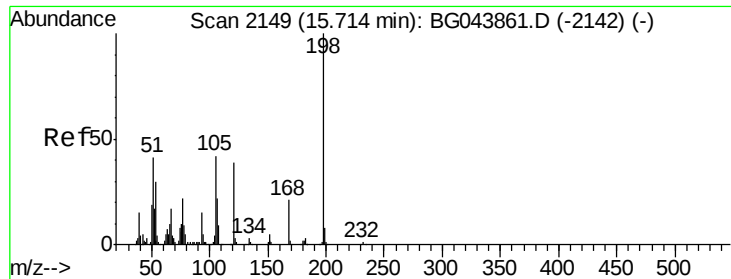


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.761 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

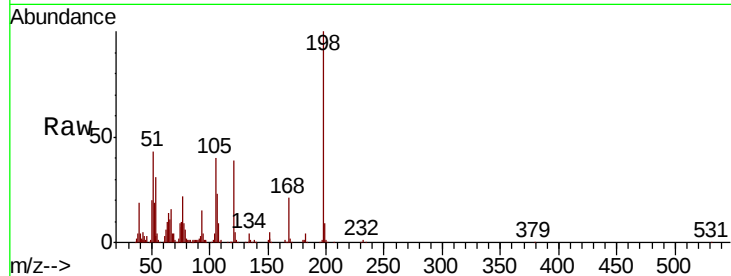
Tot Ion:198 Resp: 152220

Ion Ratio Lower Upper

198 100

51 42.7 22.5 62.5

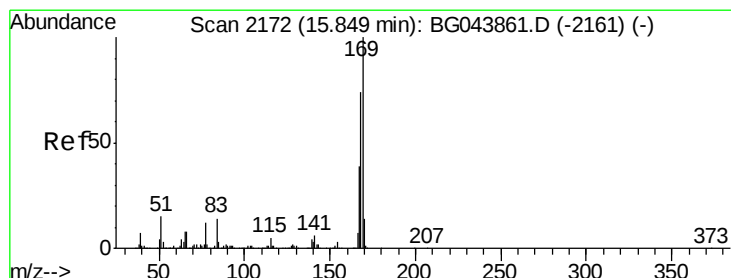
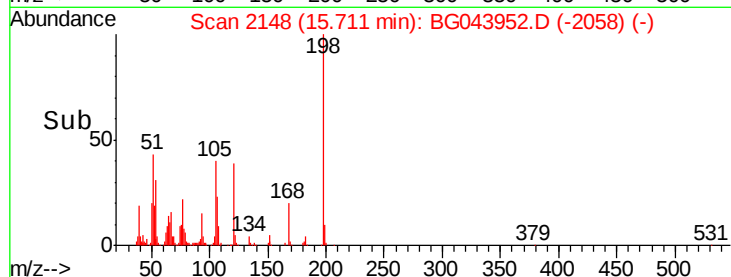
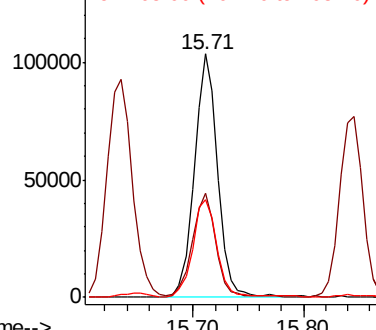
105 40.1 22.3 62.3



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: 37.309 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

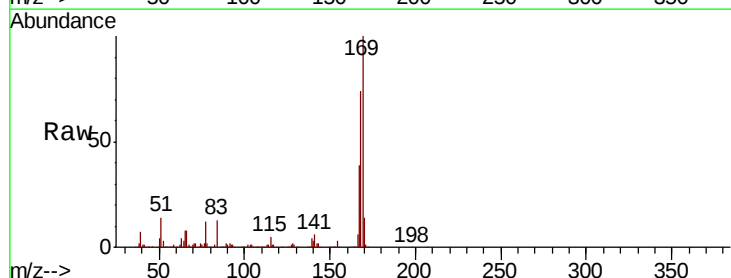
Tgt Ion:169 Resp: 810853

Ion Ratio Lower Upper

169 100

168 74.2 59.0 88.6

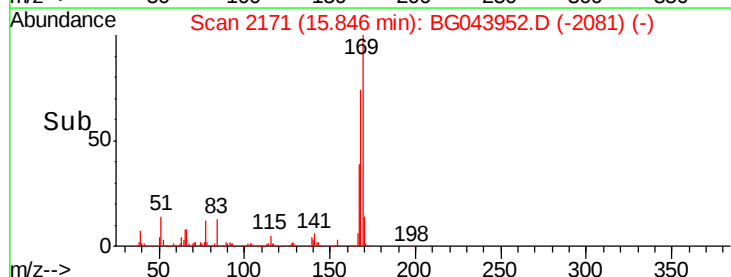
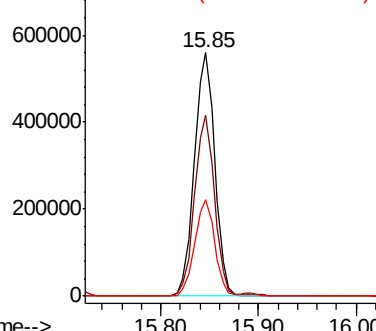
167 39.5 31.4 47.0

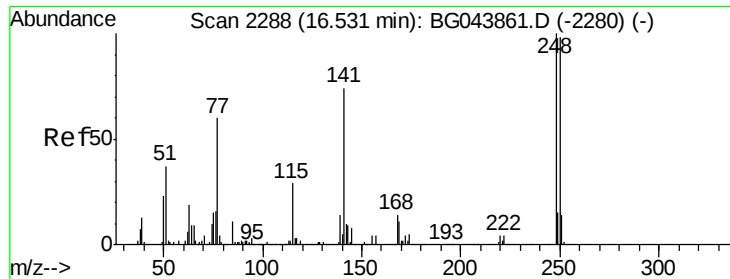


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

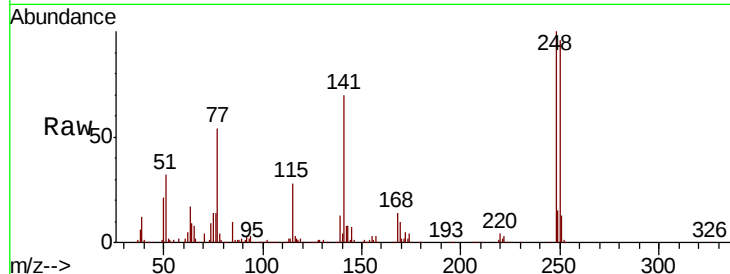




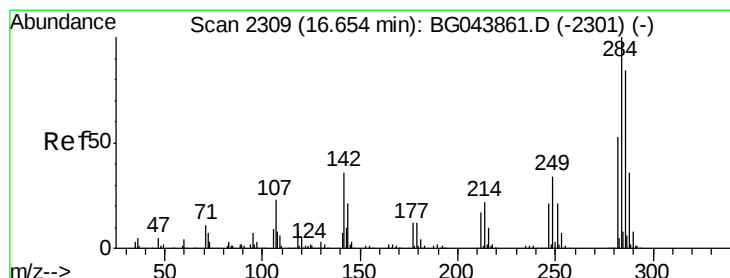
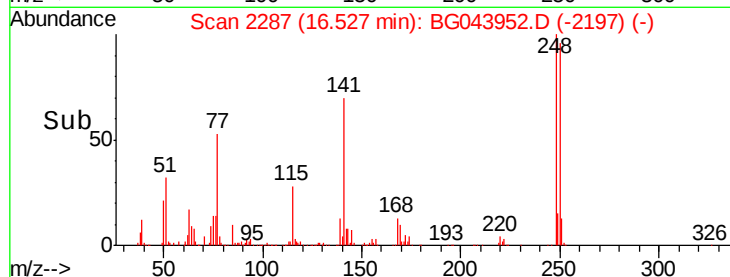
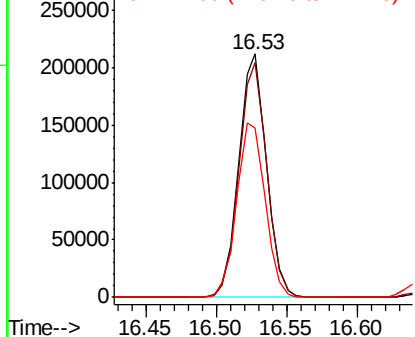
#67
4-Bromophenyl-phenylether
Concen: 34.857 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 289324
Ion Ratio Lower Upper
248 100
250 96.4 78.2 117.2
141 69.6 59.3 88.9

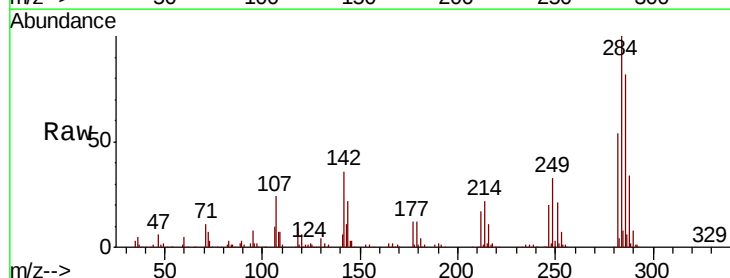


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

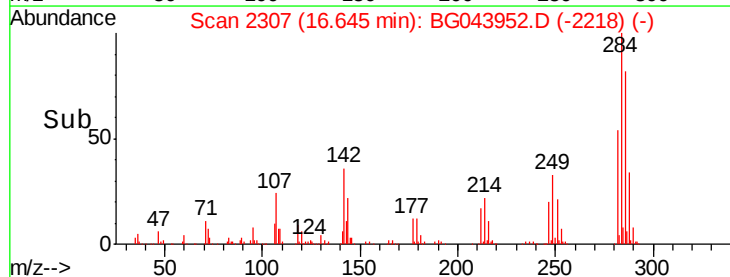
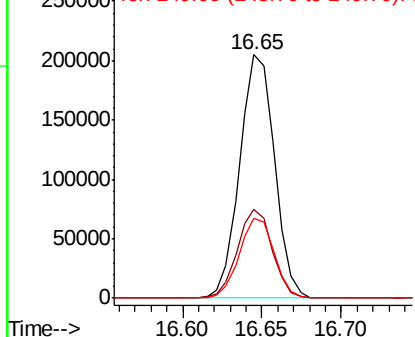


#68
Hexachlorobenzene
Concen: 34.953 ng
RT: 16.65 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:284 Resp: 312612
Ion Ratio Lower Upper
284 100
142 36.3 28.6 43.0
249 32.9 27.0 40.6



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: 43.867 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

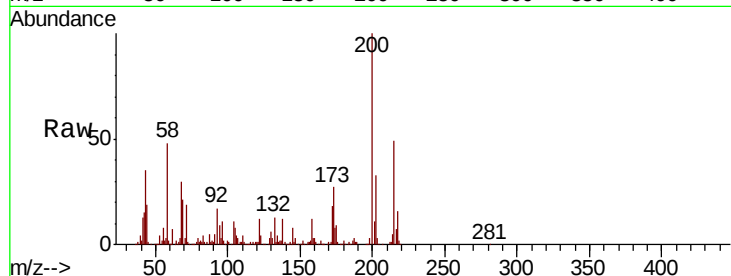
Tot Ion:200 Resp: 309902

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

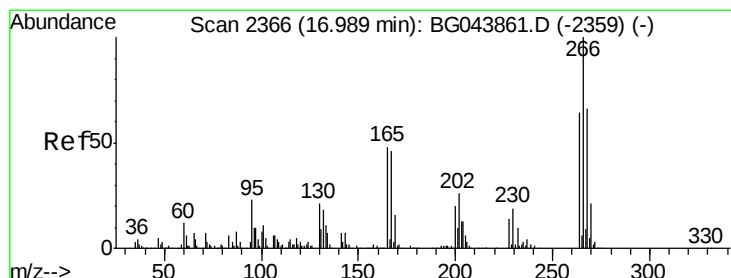
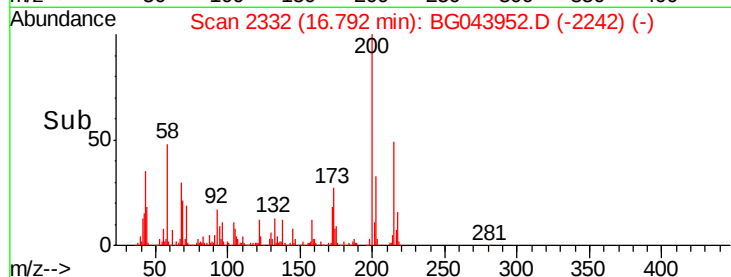
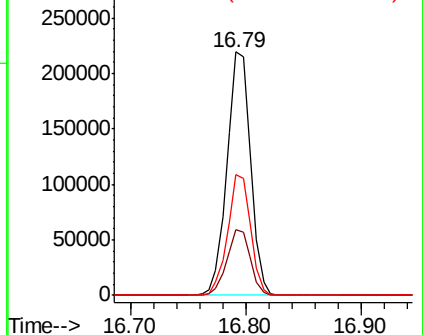
215 49.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.900 ng

RT: 16.99 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

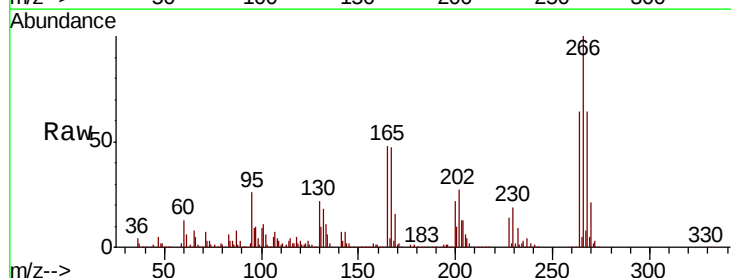
Tgt Ion:266 Resp: 349562

Ion Ratio Lower Upper

266 100

268 64.5 52.6 79.0

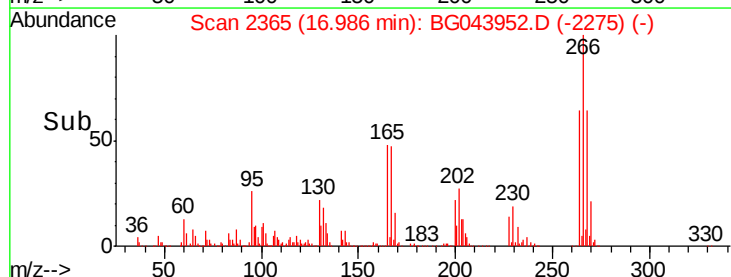
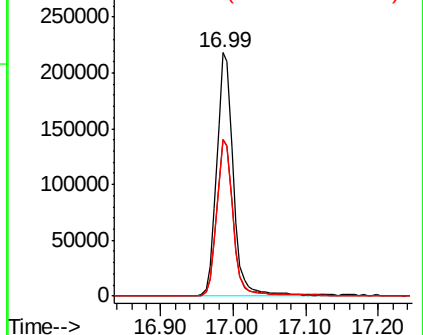
264 64.2 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

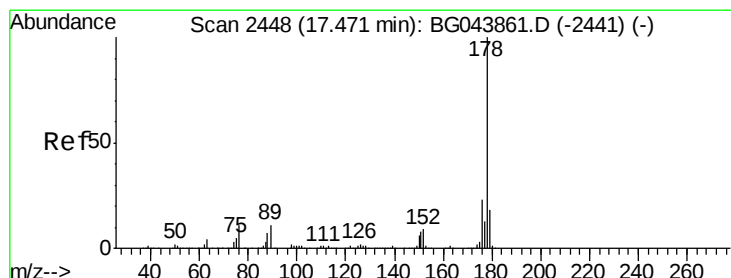
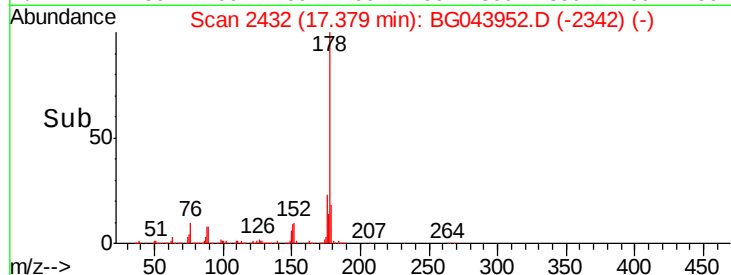
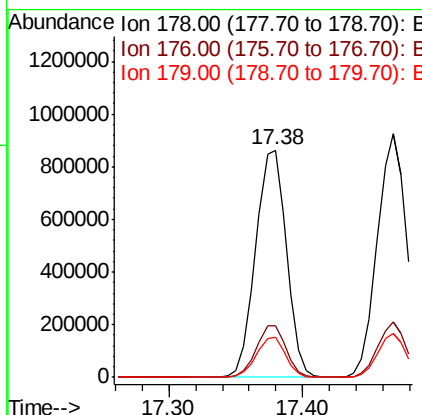
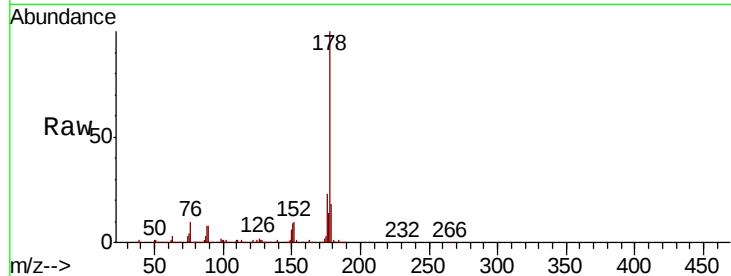




#71
Phenanthrene
Concen: 38.767 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

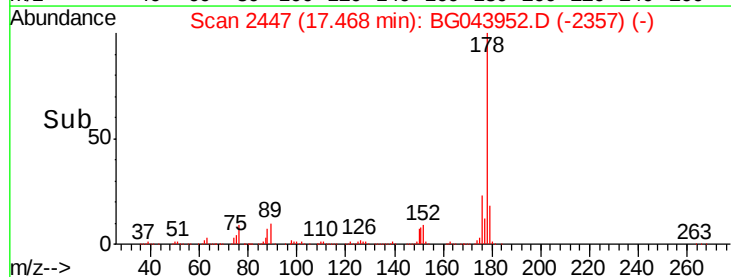
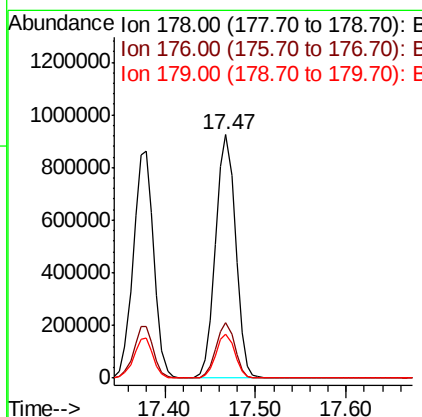
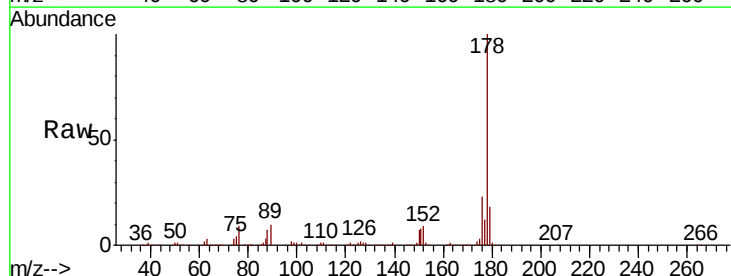
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1372306
Ion Ratio Lower Upper
178 100
176 22.8 18.6 28.0
179 17.9 14.4 21.6



#72
Anthracene
Concen: 40.286 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:178 Resp: 1409373
Ion Ratio Lower Upper
178 100
176 22.6 18.3 27.5
179 17.8 14.6 22.0

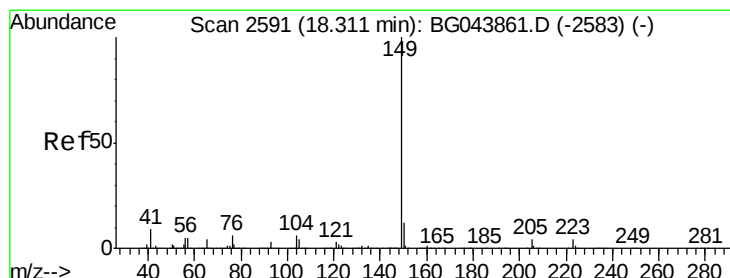
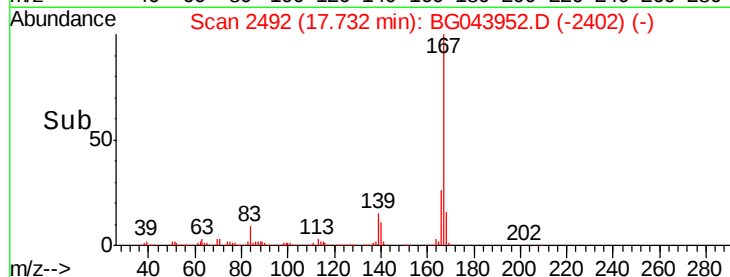
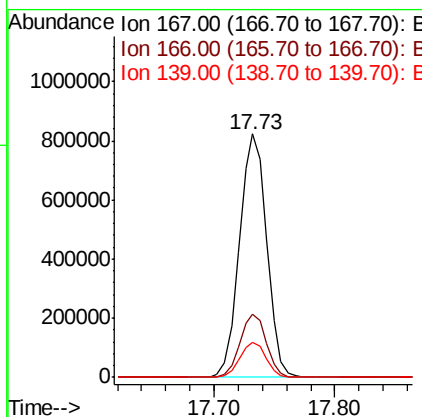
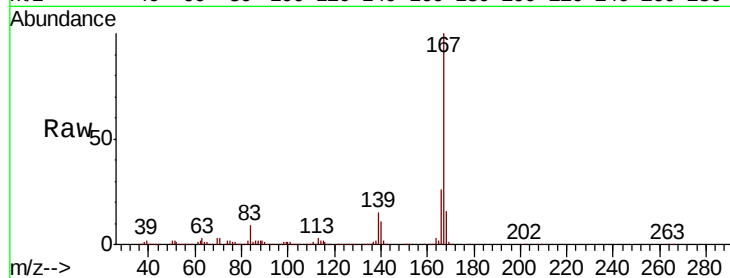




#73
 Carbazole
 Concen: 39.879 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

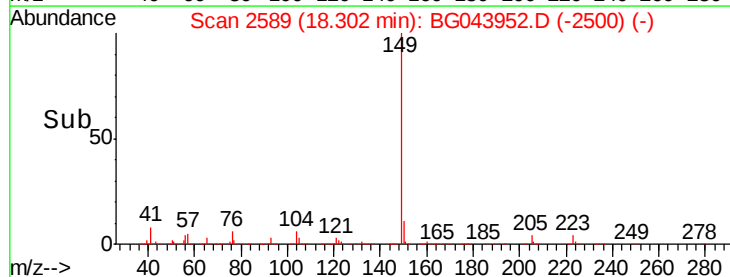
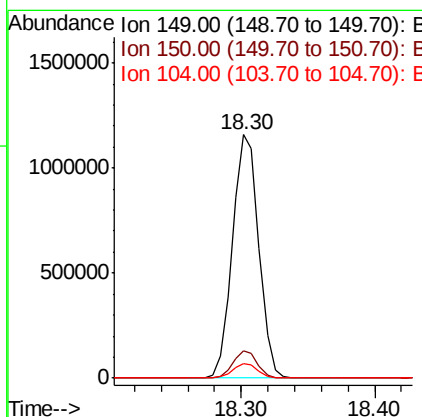
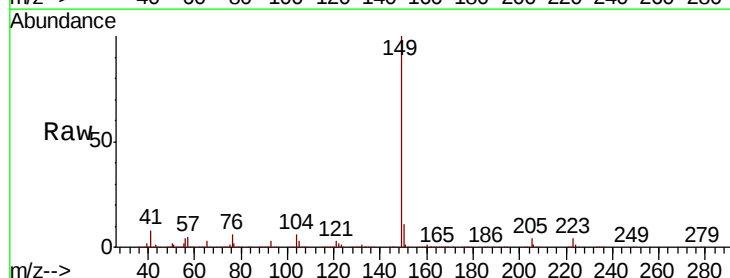
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1288705
 Ion Ratio Lower Upper
 167 100
 166 26.2 21.6 32.4
 139 14.5 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 38.389 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:149 Resp: 1583885
 Ion Ratio Lower Upper
 149 100
 150 11.3 9.7 14.5
 104 5.9 5.0 7.4





#75

Fluoranthene

Concen: 39.238 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampled :

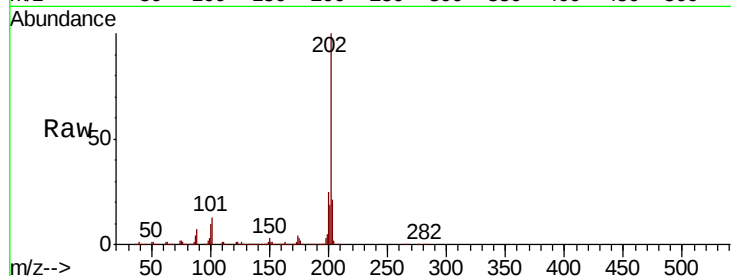
Tot Ion:202 Resp: 1588502

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.3

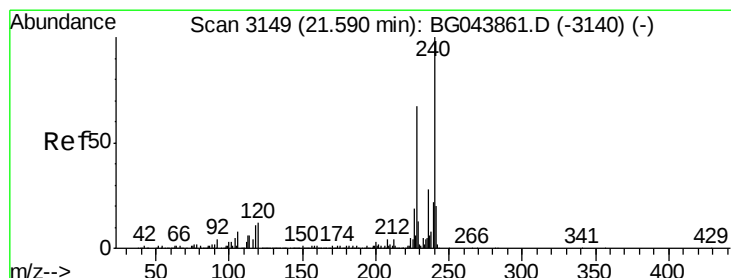
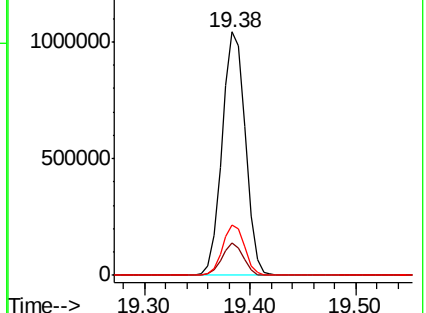
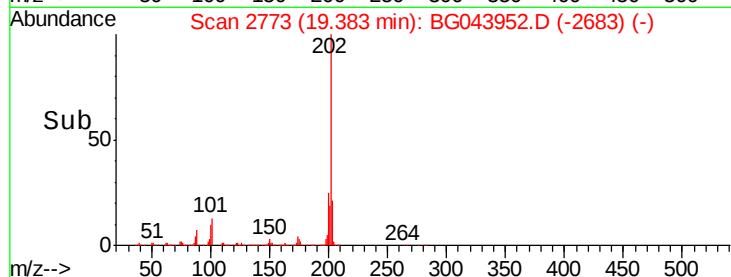
203 20.9 1.6 41.6



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: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

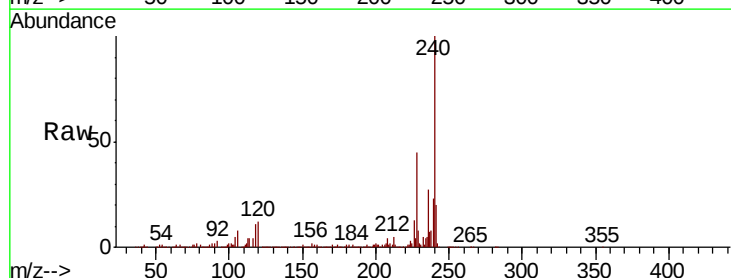
Tgt Ion:240 Resp: 644882

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

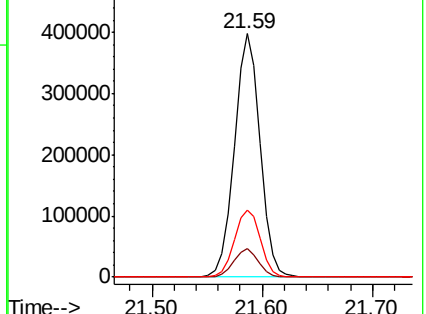
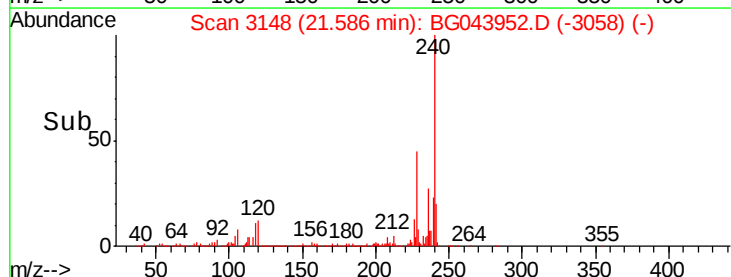
236 27.5 22.2 33.2

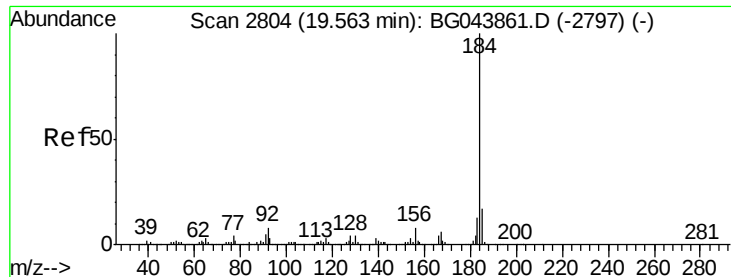


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.170 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

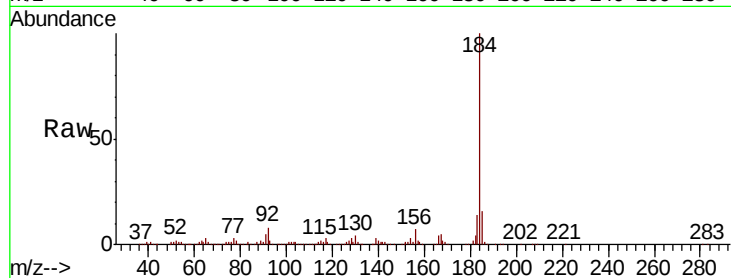
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 715977

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	13.9	10.6	15.8

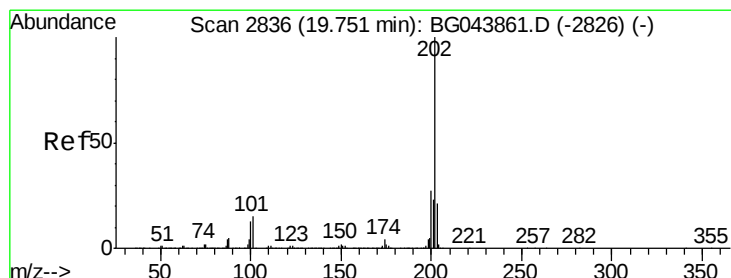
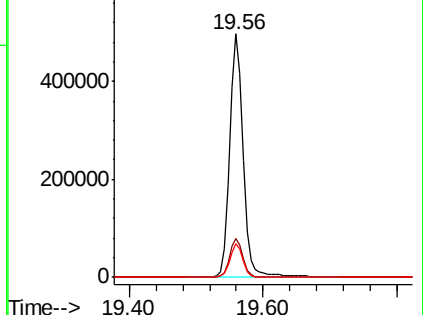
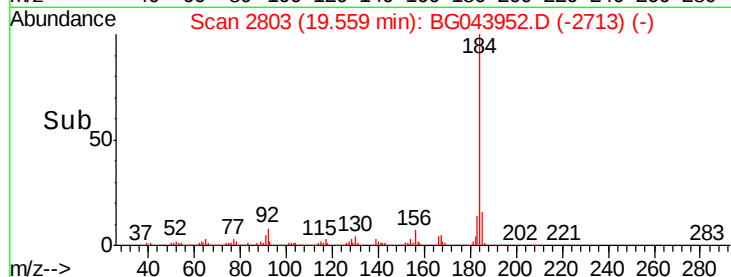


Abundance

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: 37.771 ng

RT: 19.75 min Scan# 2835

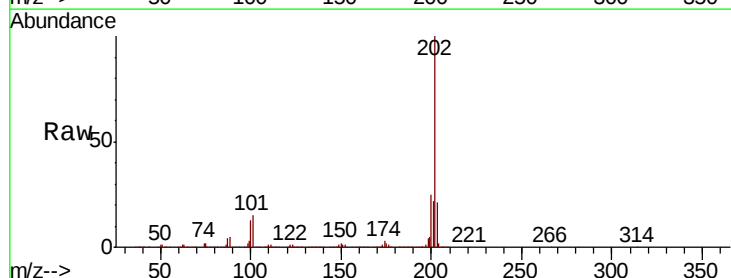
Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:202 Resp: 1589934

Ion	Ratio	Lower	Upper
202	100		
200	25.1	21.7	32.5
203	20.7	17.0	25.6

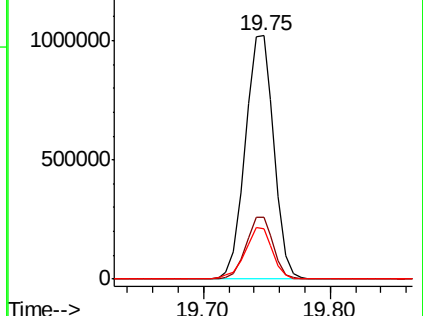
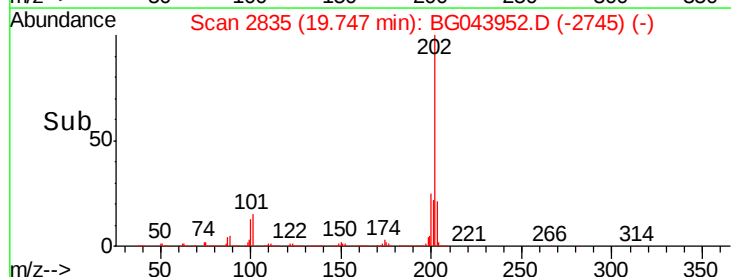


Abundance

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: 72.501 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

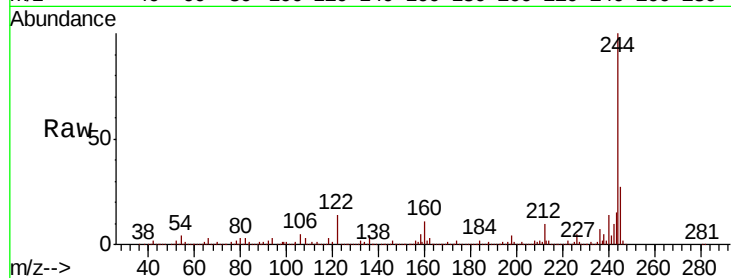
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2019509

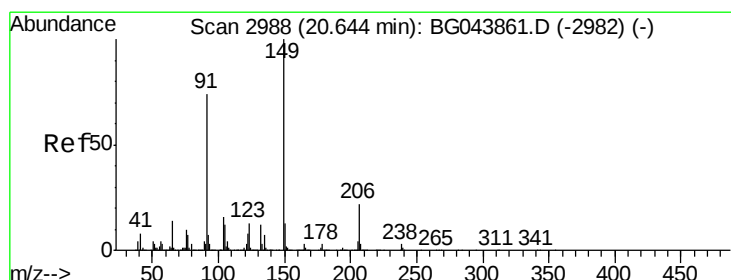
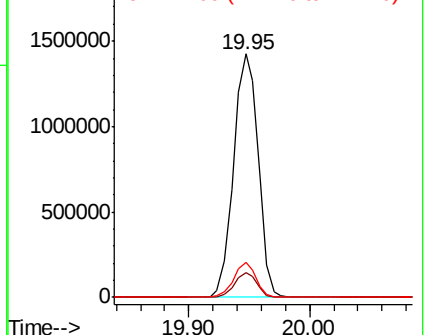
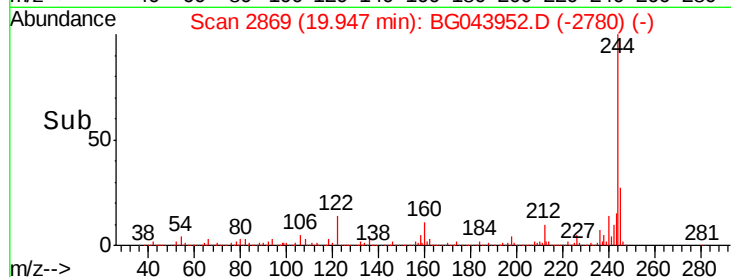
Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.6	13.0
122	14.2	11.9	17.9



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: 37.010 ng

RT: 20.64 min Scan# 2987

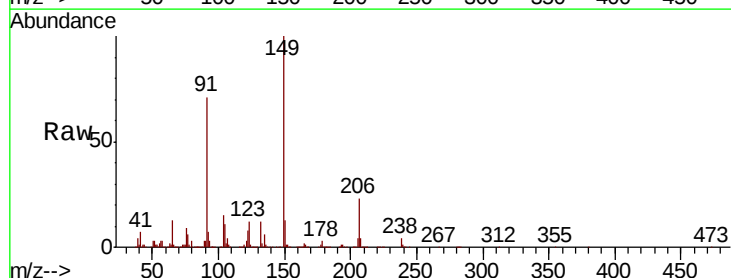
Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:149 Resp: 741696

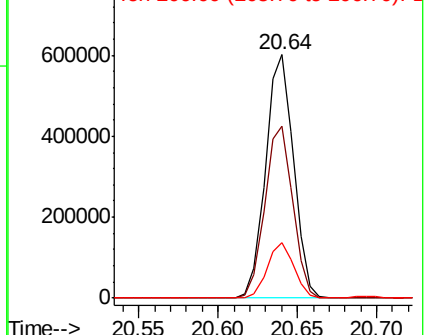
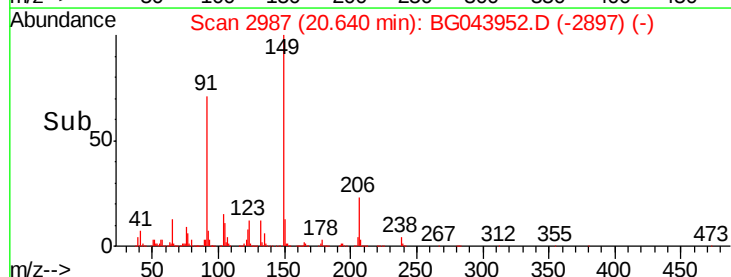
Ion	Ratio	Lower	Upper
149	100		
91	70.8	59.5	89.3
206	22.5	17.8	26.6

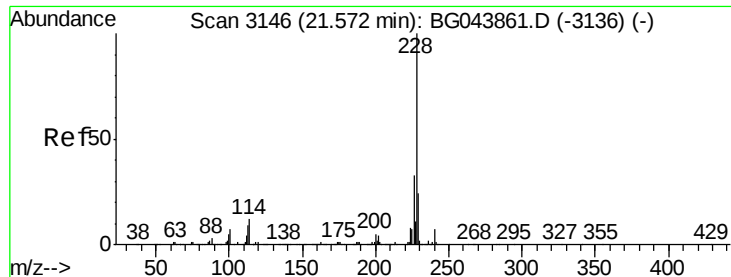


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.345 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

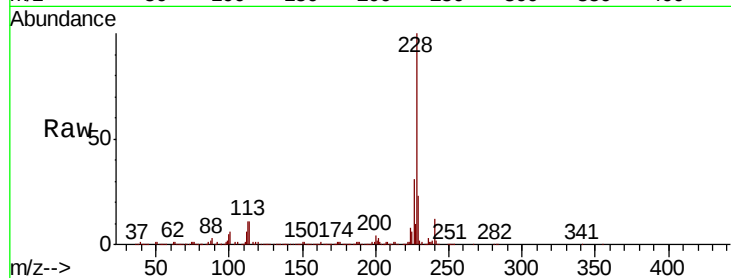
Tot Ion:228 Resp: 1533322

Ion Ratio Lower Upper

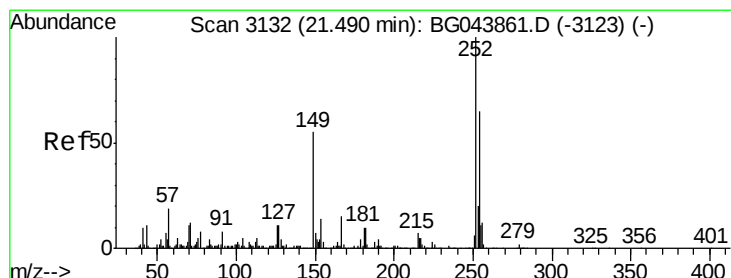
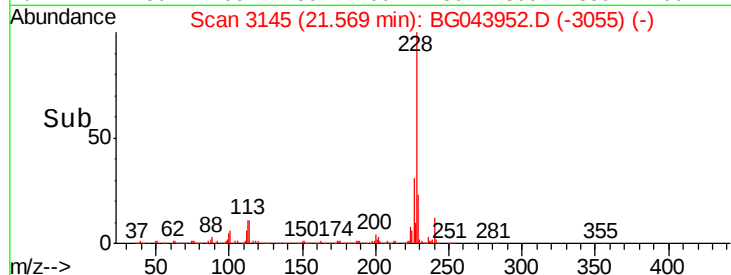
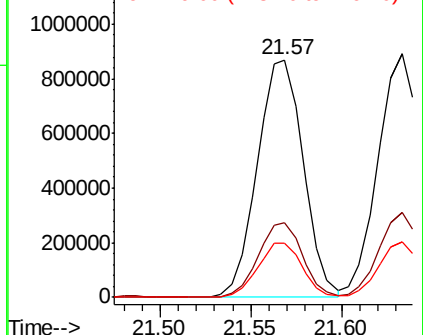
228 100

226 31.3 26.2 39.4

229 22.6 18.9 28.3



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: 30.404 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

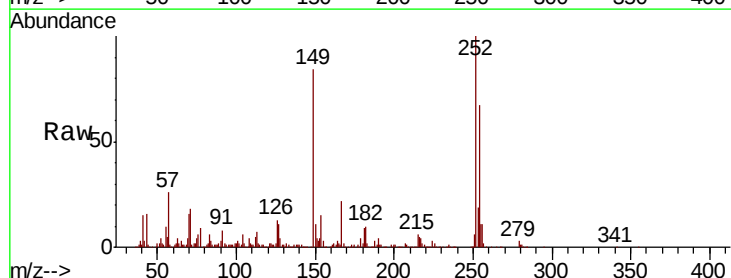
Tgt Ion:252 Resp: 480316

Ion Ratio Lower Upper

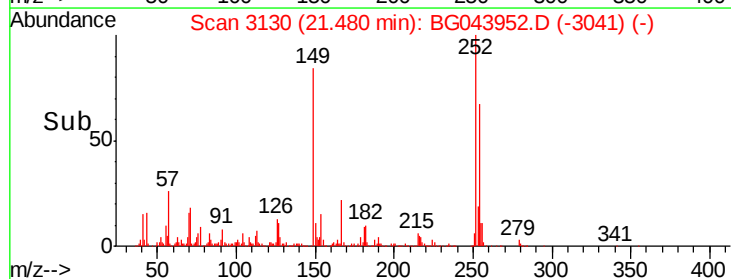
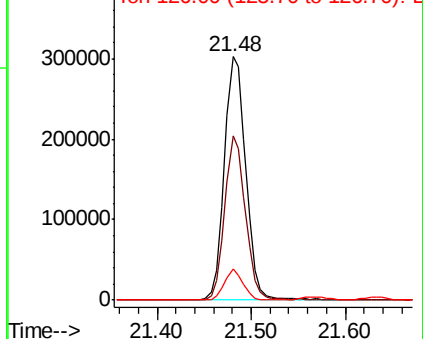
252 100

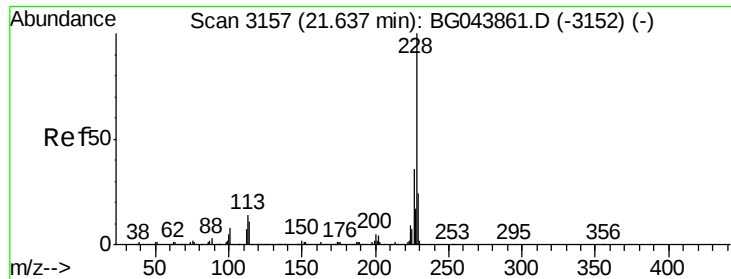
254 67.3 52.1 78.1

126 12.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.547 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampled :

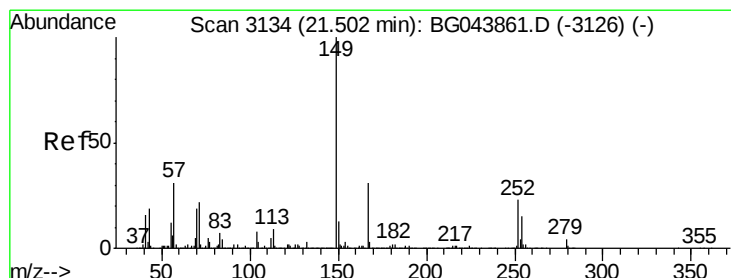
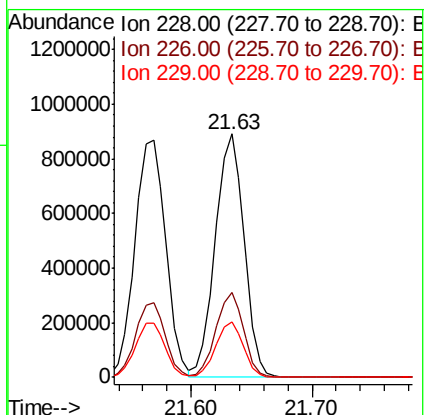
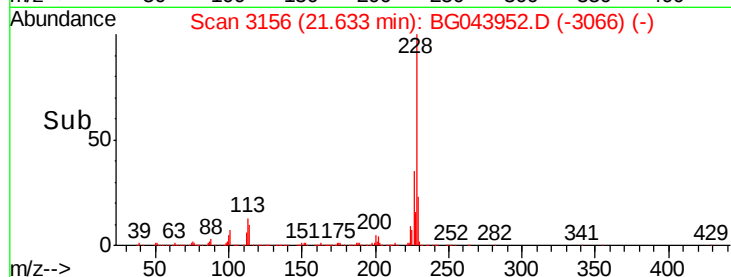
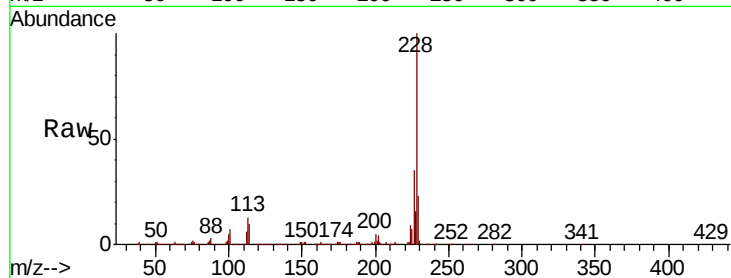
Tot Ion:228 Resp: 1464628

Ion Ratio Lower Upper

228 100

226 34.8 28.8 43.2

229 22.8 19.0 28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.708 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

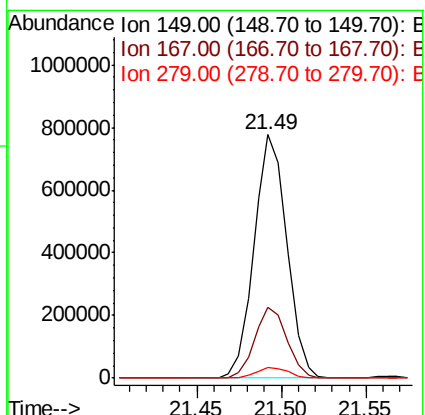
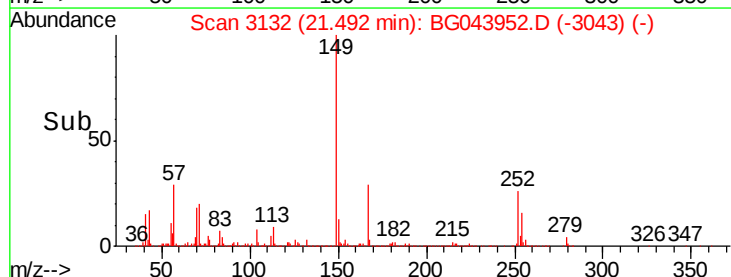
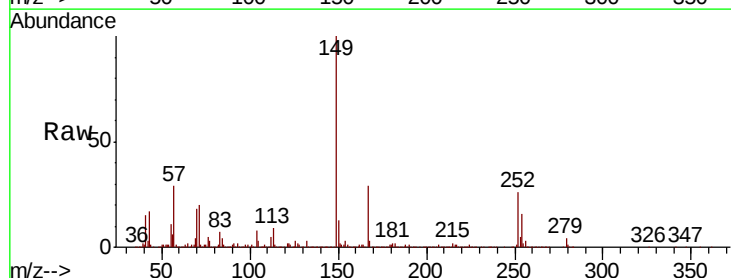
Tgt Ion:149 Resp: 1042716

Ion Ratio Lower Upper

149 100

167 29.2 24.7 37.1

279 4.3 3.3 4.9

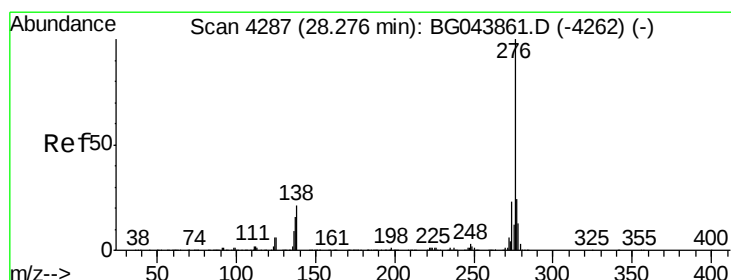
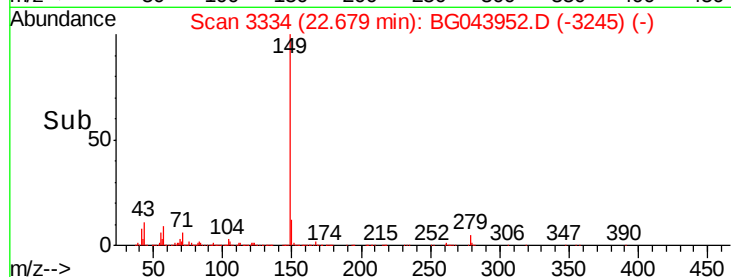
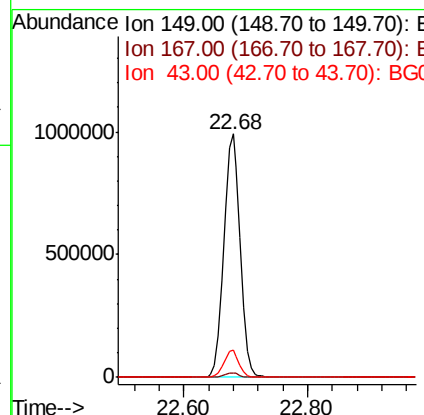
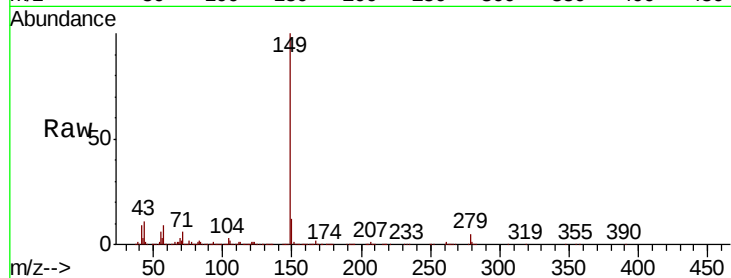




#85
Di-n-octyl phthalate
Concen: 39.041 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

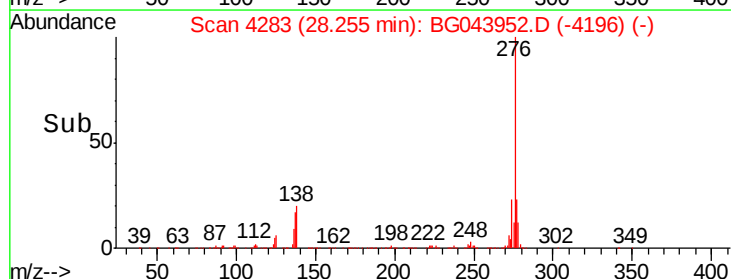
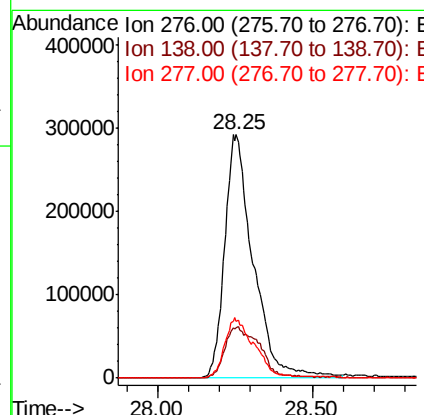
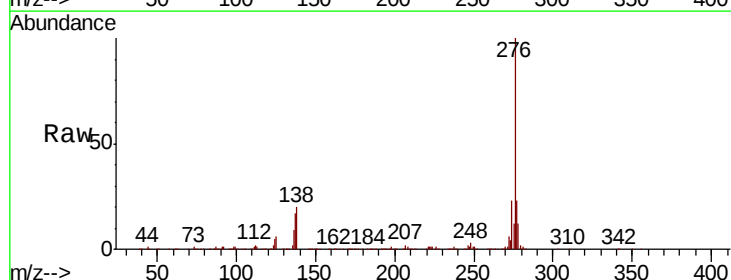
Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1814942
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.4 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.295 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:276 Resp: 1874153
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.4
277 25.4 21.1 31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

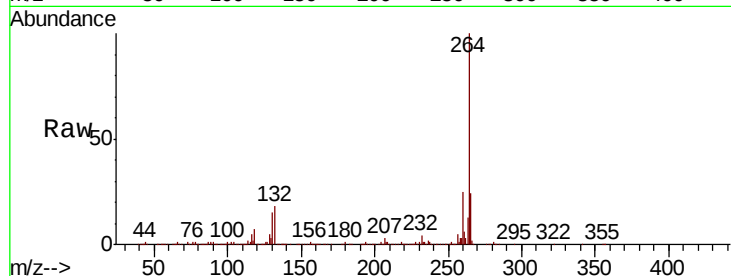
Tot Ion:264 Resp: 707148

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

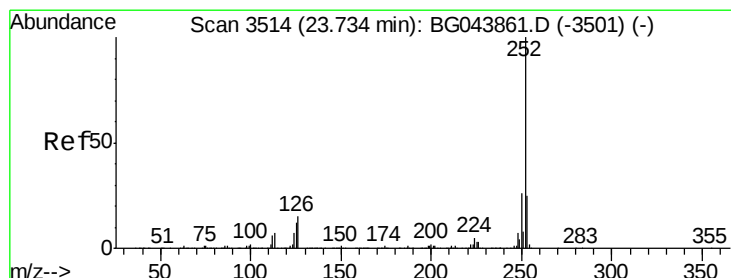
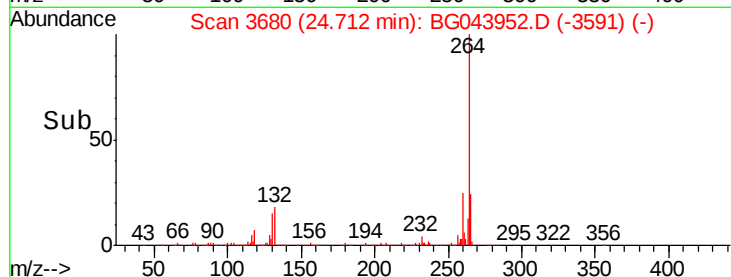
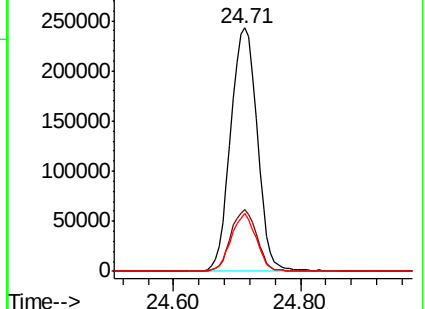
265 23.7 17.4 26.2



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: 38.440 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

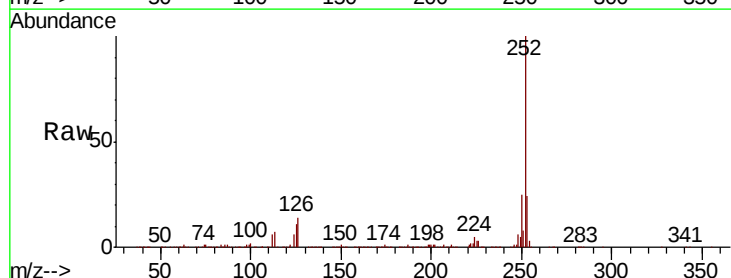
Tgt Ion:252 Resp: 1606988

Ion Ratio Lower Upper

252 100

253 23.9 19.7 29.5

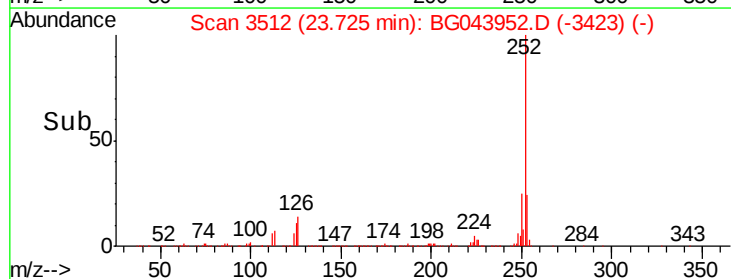
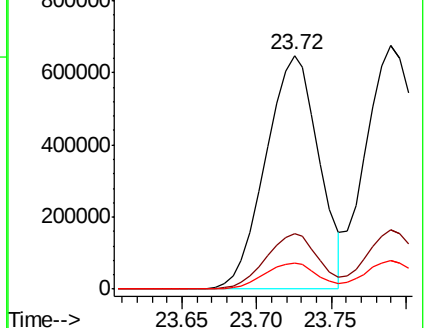
125 11.4 9.4 14.2

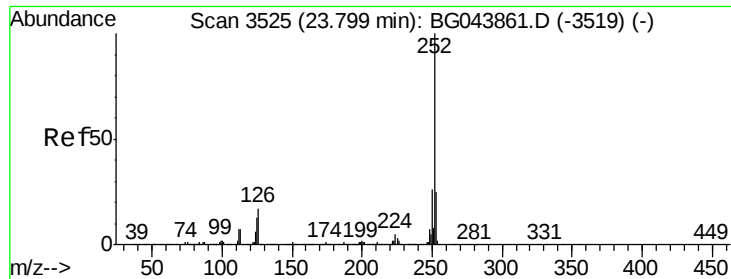


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.643 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

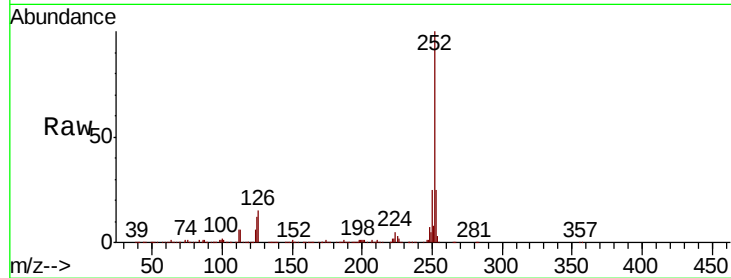
Tot Ion:252 Resp: 1615720

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.2

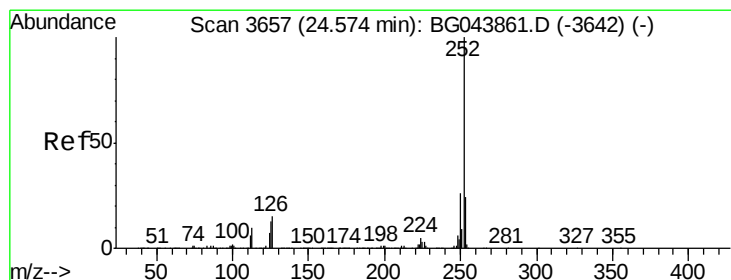
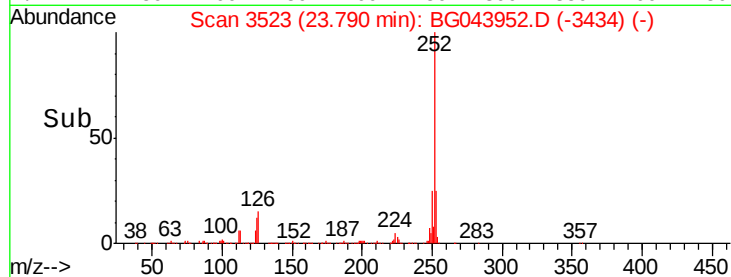
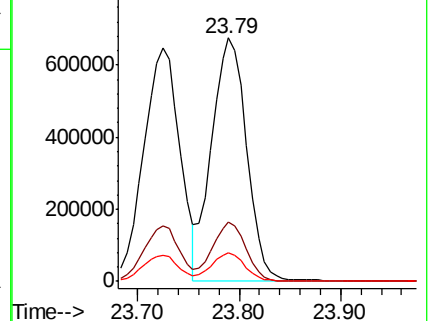
125 11.6 9.9 14.9



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



#90

Benzo(a)pyrene

Concen: 38.384 ng

RT: 24.57 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

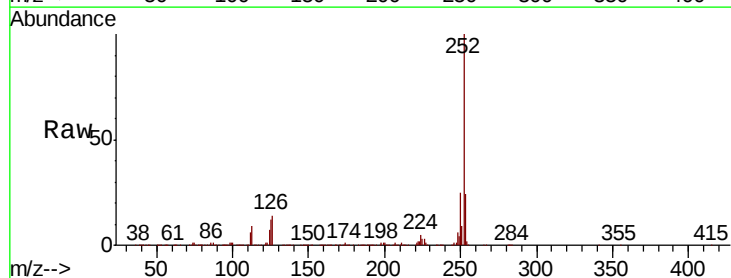
Tgt Ion:252 Resp: 1514501

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

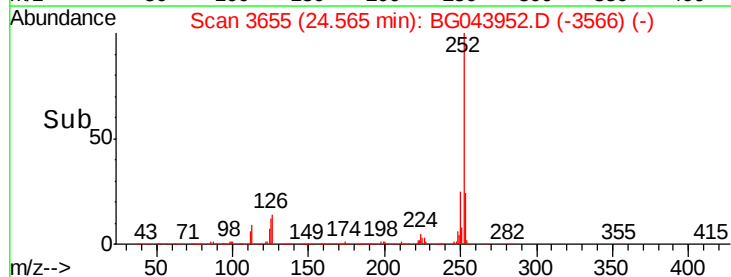
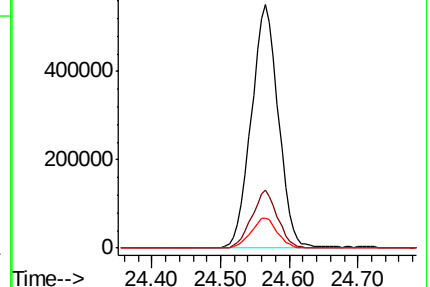
125 12.4 10.4 15.6

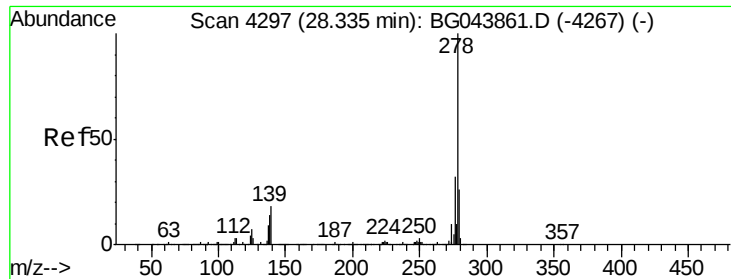


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



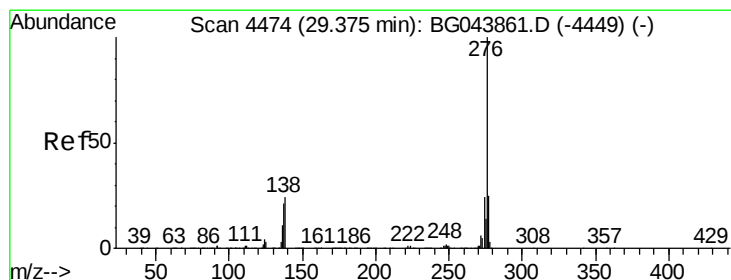
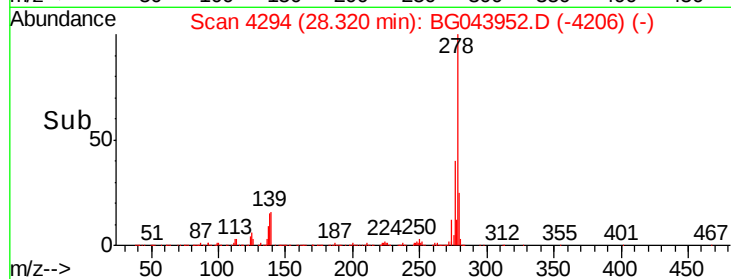
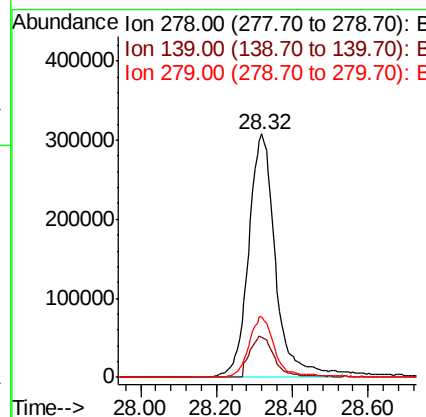
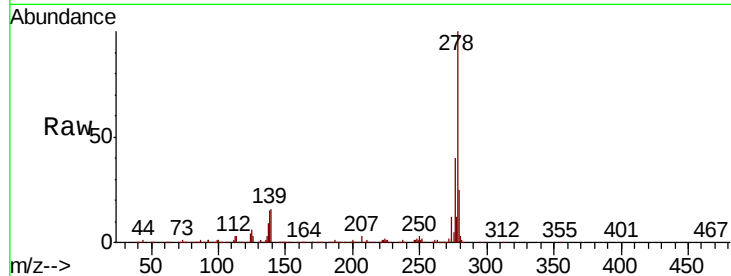


#91
Dibenzo(a,h)anthracene
Concen: 38.432 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1522897

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.8	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 37.837 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:276 Resp: 1489289

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	21.4	19.0	28.6

