

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043950.D
 Acq On : 7 Jan 2020 11:39
 Operator : JU
 Sample : IDOC-W-01-CG
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:43:36 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	113470	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	506060	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	345746	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	748202	20.00	ng	0.00
76) Chrysene-d12	21.59	240	630019	20.00	ng	0.00
87) Perylene-d12	24.72	264	702457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	781063	126.39	ng	0.00
7) Phenol-d6	7.13	99	1046640	121.16	ng	0.00
23) Nitrobenzene-d5	9.12	82	654976	69.24	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	402257	111.18	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1454311	76.21	ng	0.00
79) Terphenyl-d14	19.95	244	2061464	76.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	111305	41.308	ng	98
3) Pyridine	3.82	79	269362	33.839	ng	95
4) n-Nitrosodimethylamine	3.74	42	143274	40.427	ng	98
6) Aniline	7.28	93	369299	32.548	ng	99
8) 2-Chlorophenol	7.53	128	335090	46.187	ng	99
9) Benzaldehyde	7.09	77	199161	36.023	ng	99
10) Phenol	7.15	94	420716	47.270	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	313692	40.831	ng	99
12) 1,3-Dichlorobenzene	7.85	146	337309	39.731	ng	99
13) 1,4-Dichlorobenzene	8.00	146	340760	40.679	ng	99
14) 1,2-Dichlorobenzene	8.32	146	325662	40.503	ng	99
15) Benzyl Alcohol	8.20	79	291650	42.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	430272	36.200	ng	98
17) 2-Methylphenol	8.41	107	295336	45.854	ng	97
18) Hexachloroethane	9.05	117	129287	39.664	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	252013	39.174	ng	98
20) 3+4-Methylphenols	8.73	107	405138	45.090	ng	100
22) Acetophenone	8.78	105	458317	36.429	ng	99
24) Nitrobenzene	9.16	77	355683	37.963	ng	99
25) Isophorone	9.69	82	678851	38.250	ng	100
26) 2-Nitrophenol	9.87	139	184458	41.613	ng	99
27) 2,4-Dimethylphenol	9.94	122	325252	48.745	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	432995	36.596	ng	99
29) 2,4-Dichlorophenol	10.41	162	336745	42.309	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	329756	36.951	ng	98
31) Naphthalene	10.81	128	985741	40.252	ng	99
32) Benzoic acid	10.07	122	122602	25.881	ng	98
33) 4-Chloroaniline	10.91	127	278922	23.880	ng	97
34) Hexachlorobutadiene	11.11	225	189989	34.868	ng	99
35) Caprolactam	11.68	113	91296	30.812	ng	100
36) 4-Chloro-3-methylphenol	12.04	107	368313	43.469	ng	98
37) 2-Methylnaphthalene	12.42	142	748395	40.592	ng	96
38) 1-Methylnaphthalene	12.64	142	711584	40.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	352623	34.797	ng	99

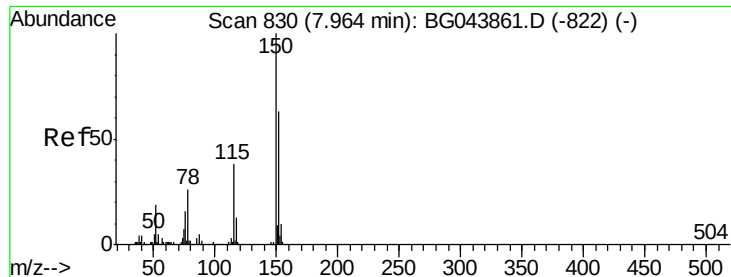
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043950.D
 Acq On : 7 Jan 2020 11:39
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	453061	86.235	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	267094	38.305	ng	99
44) 2,4,5-Trichlorophenol	13.10	196	296169	41.182	ng	99
46) 1,1'-Biphenyl	13.43	154	946014	38.162	ng	100
47) 2-Chloronaphthalene	13.47	162	734230	36.654	ng	99
48) 2-Nitroaniline	13.66	65	240564	37.334	ng	97
49) Acenaphthylene	14.32	152	1175605	40.832	ng	99
50) Dimethylphthalate	14.05	163	959482	39.084	ng	98
51) 2,6-Dinitrotoluene	14.16	165	221973	40.004	ng	98
52) Acenaphthene	14.66	154	833202	41.266	ng	98
53) 3-Nitroaniline	14.49	138	180402	28.630	ng	98
54) 2,4-Dinitrophenol	14.70	184	187291	67.197	ng	96
55) Dibenzofuran	14.99	168	1128675	40.607	ng	100
56) 4-Nitrophenol	14.80	139	425492	88.120	ng	95
57) 2,4-Dinitrotoluene	14.95	165	310595	41.138	ng	97
58) Fluorene	15.64	166	901229	40.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	258546	41.808	ng	97
60) Diethylphthalate	15.41	149	986263	40.167	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	470750	39.352	ng	98
62) 4-Nitroaniline	15.66	138	240005	38.571	ng	97
63) Azobenzene	15.93	77	926962	40.707	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	157946	41.615	ng	98
66) n-Nitrosodiphenylamine	15.85	169	852520	38.692	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	303466	36.063	ng	98
68) Hexachlorobenzene	16.65	284	328209	36.197	ng	98
69) Atrazine	16.80	200	319350	44.589	ng	99
70) Pentachlorophenol	16.99	266	352067	70.436	ng	99
71) Phenanthrene	17.38	178	1426481	39.749	ng	99
72) Anthracene	17.47	178	1465128	41.309	ng	99
73) Carbazole	17.74	167	1340188	40.907	ng	99
74) Di-n-butylphthalate	18.31	149	1625922	38.871	ng	99
75) Fluoranthene	19.39	202	1621277	39.502	ng	99
77) Benzidine	19.56	184	728759	46.019	ng	99
78) Pyrene	19.74	202	1624945	39.513	ng	98
80) Butylbenzylphthalate	20.64	149	756373	38.632	ng	100
81) Benzo(a)anthracene	21.57	228	1567548	40.126	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	492835	31.932	ng	100
83) Chrysene	21.63	228	1498196	40.361	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1077412	39.882	ng	98
85) Di-n-octyl phthalate	22.68	149	1851646	40.771	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1891944	37.504	ng	99
88) Benzo(b)fluoranthene	23.73	252	1636616	39.410	ng	100
89) Benzo(k)fluoranthene	23.79	252	1652506	41.846	ng	99
90) Benzo(a)pyrene	24.57	252	1553854	39.644	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	1572245	39.942	ng	99
92) Benzo(g,h,i)perylene	29.37	276	1550557	39.656	ng	99

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

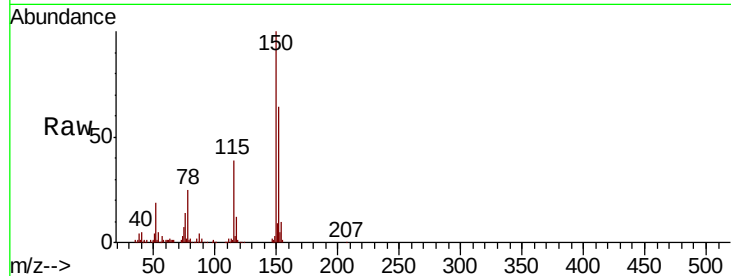


#1

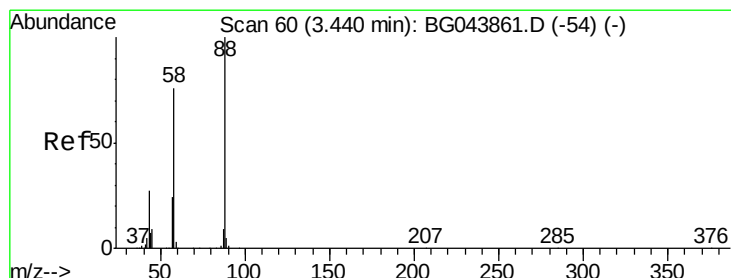
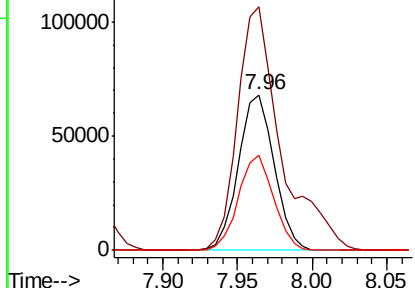
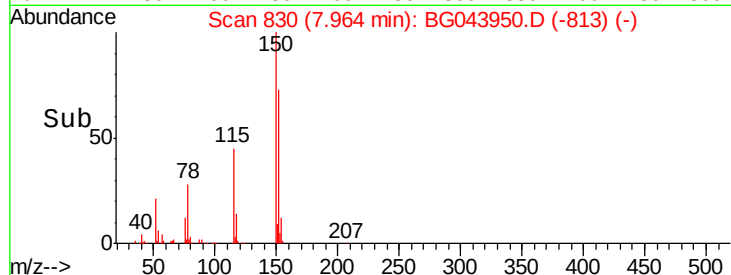
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 113470
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.4
115 61.1 47.8 71.8



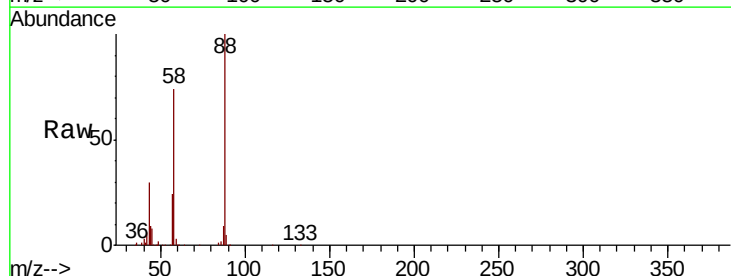
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



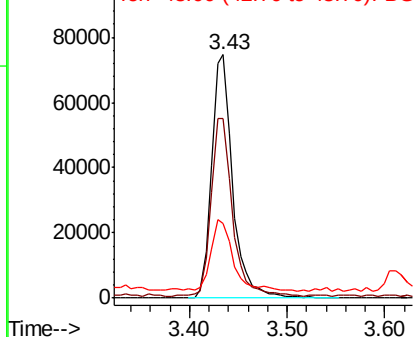
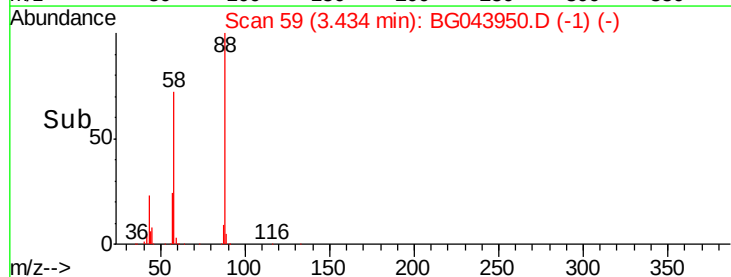
#2

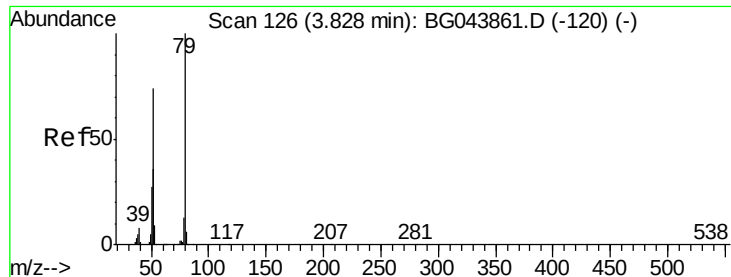
1,4-Dioxane
Concen: 41.308 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion: 88 Resp: 111305
Ion Ratio Lower Upper
88 100
58 73.9 59.8 89.8
43 30.5 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





#3

Pvridine

Concen: 33.839 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

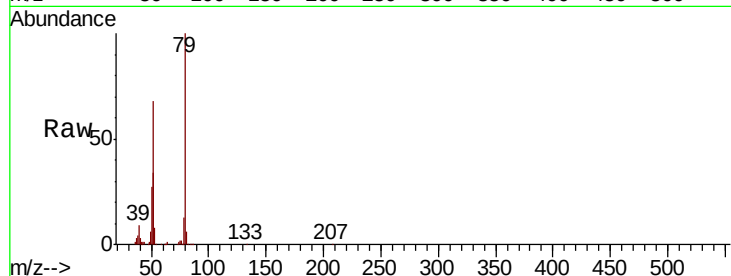
Tot Ion: 79 Resp: 269362

Ion Ratio Lower Upper

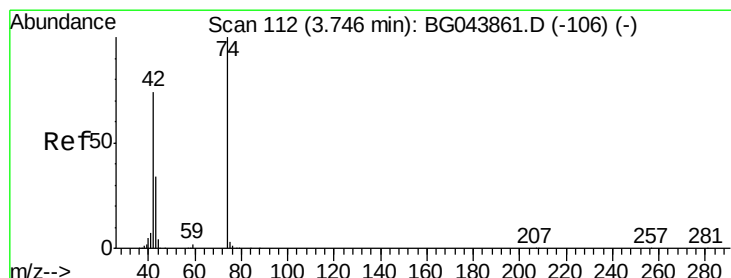
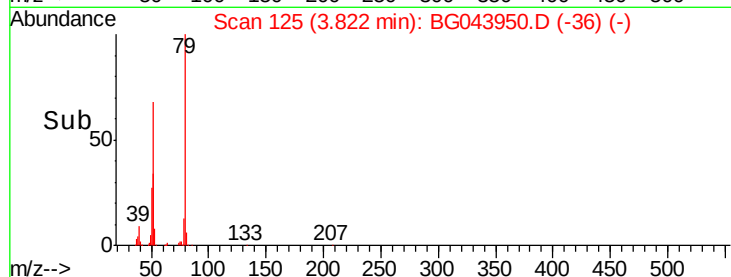
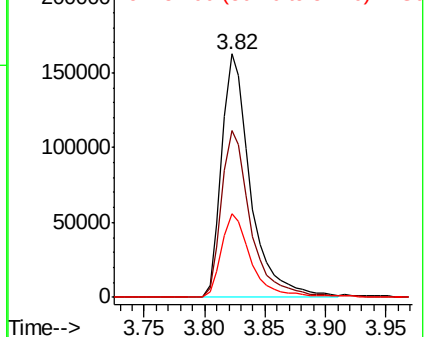
79 100

52 68.4 58.9 88.3

51 34.1 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 40.427 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

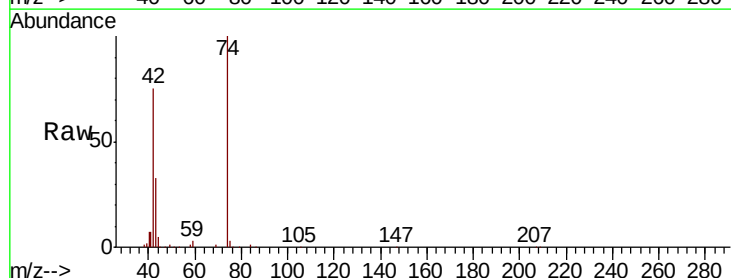
Tgt Ion: 42 Resp: 143274

Ion Ratio Lower Upper

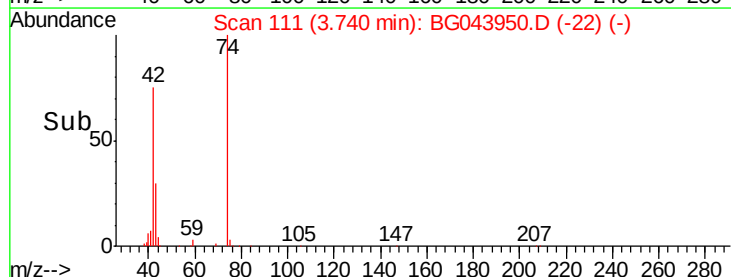
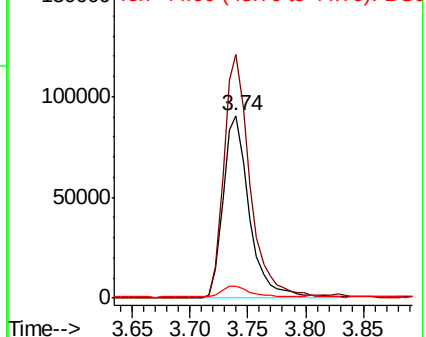
42 100

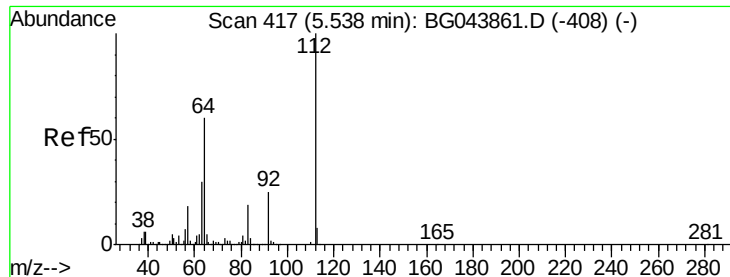
74 133.2 108.6 162.8

44 6.8 5.0 7.6



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





#5

2-Fluorophenol

Concen: 126.388 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

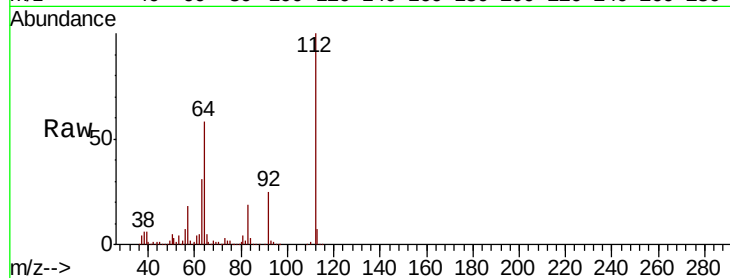
Tot Ion:112 Resp: 781063

Ion Ratio Lower Upper

112 100

64 57.9 47.8 71.6

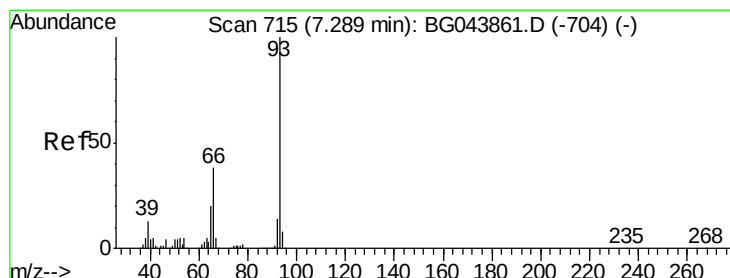
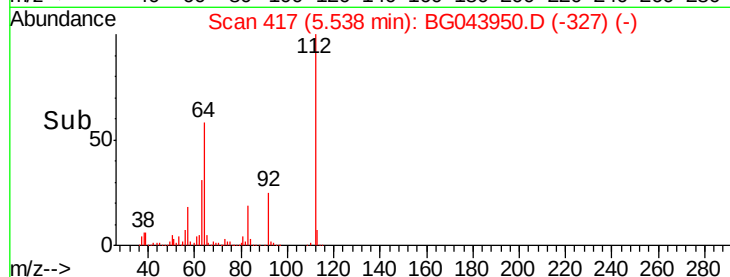
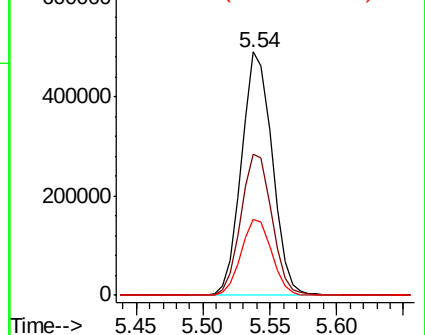
63 31.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.548 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

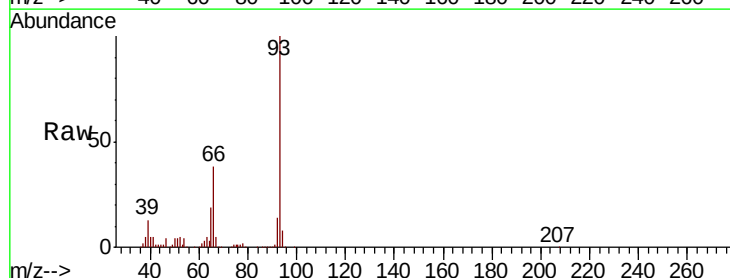
Tgt Ion: 93 Resp: 369299

Ion Ratio Lower Upper

93 100

66 38.1 30.8 46.2

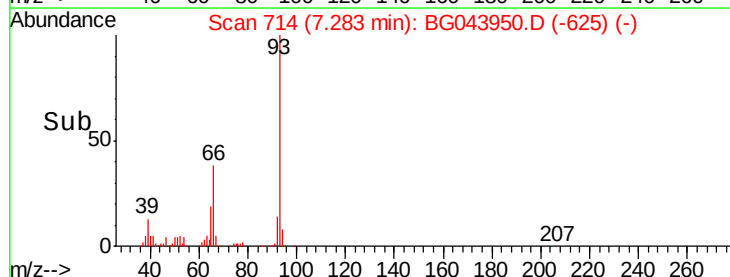
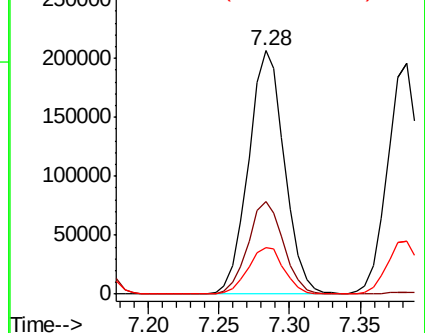
65 19.1 16.0 24.0

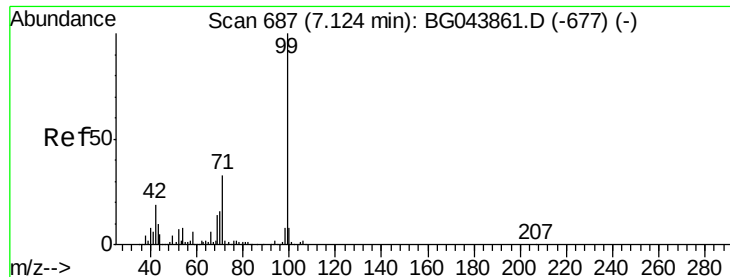


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.162 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

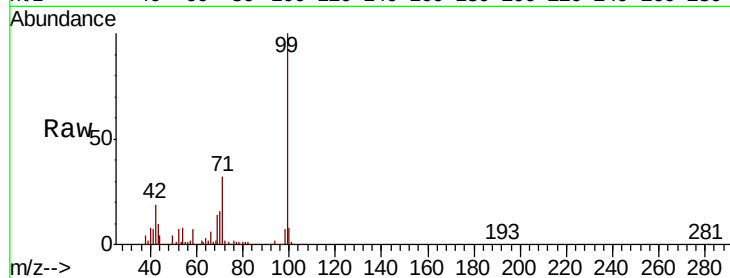
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1046640

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	32.0	26.4	39.6



Abundance

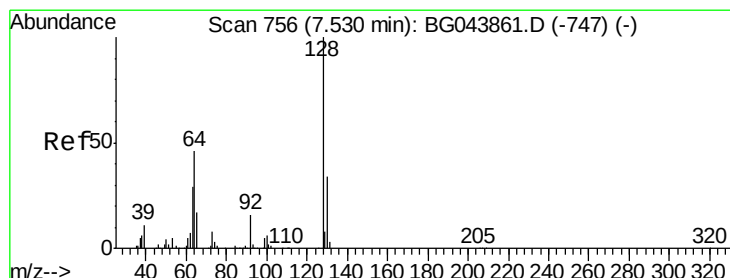
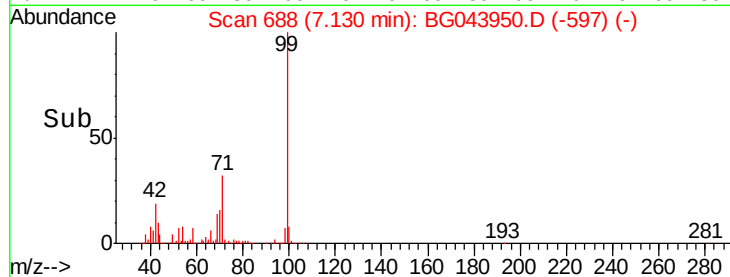
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.13

Time-->



#8

2-Chlorophenol

Concen: 46.187 ng

RT: 7.53 min Scan# 756

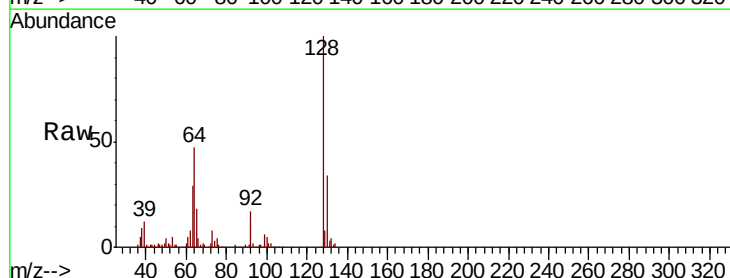
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:128 Resp: 335090

Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.8	53.8
64	47.0	27.6	67.6



Abundance

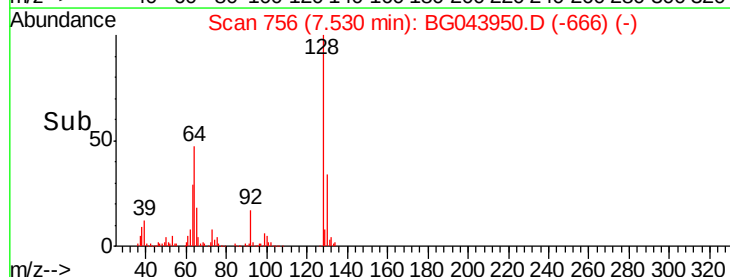
Ion 128.00 (127.70 to 128.70): BGC

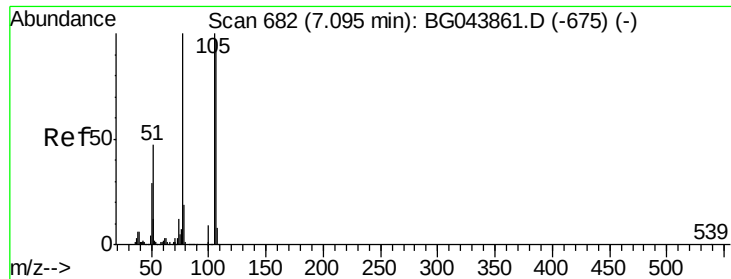
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

7.53

Time-->





#9

Benzaldehyde

Concen: 36.023 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

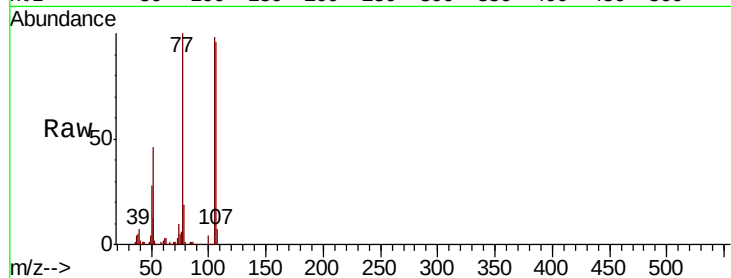
Tot Ion: 77 Resp: 199161

Ion Ratio Lower Upper

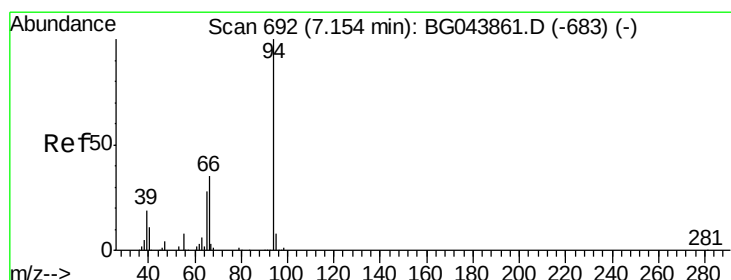
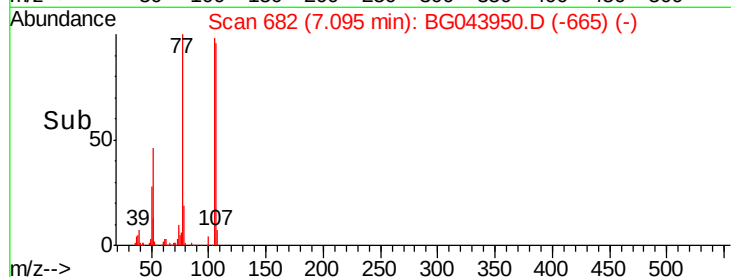
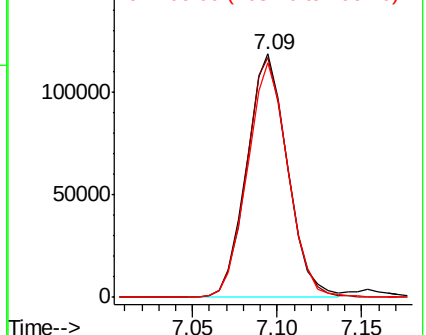
77 100

105 98.3 80.2 120.2

106 96.3 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: 47.270 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

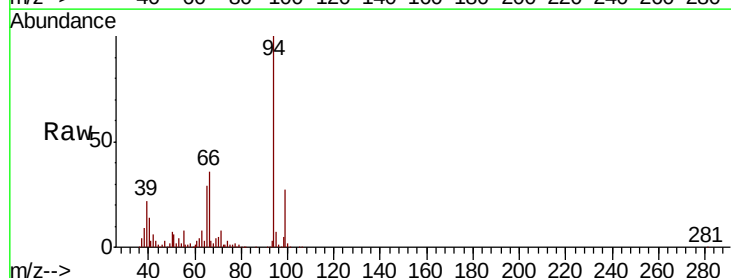
Tgt Ion: 94 Resp: 420716

Ion Ratio Lower Upper

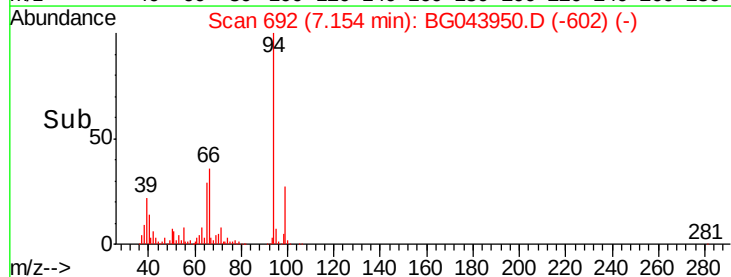
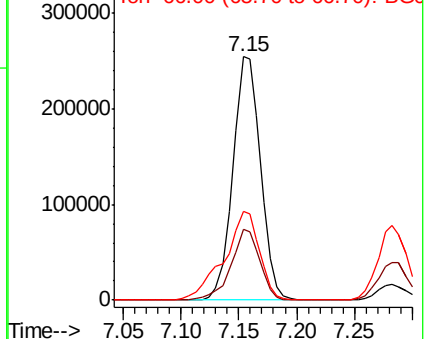
94 100

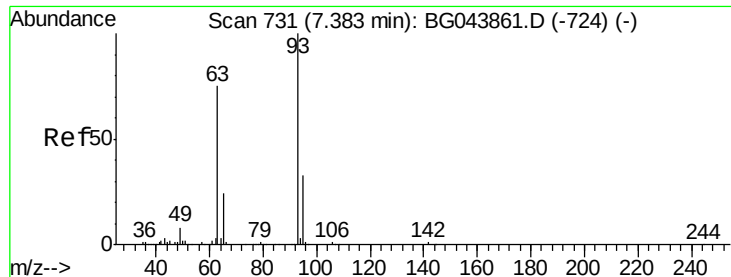
65 29.2 8.1 48.1

66 36.4 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

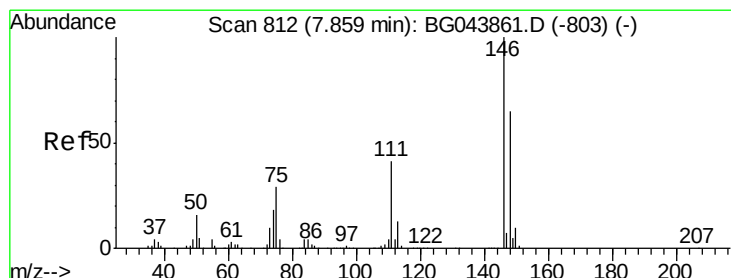
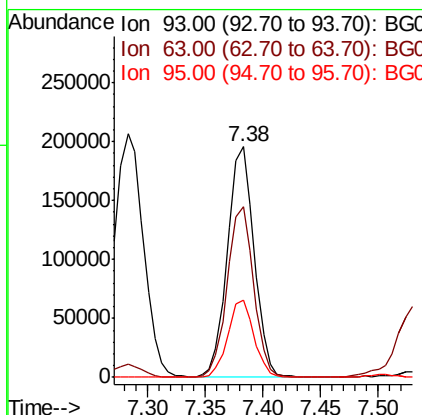
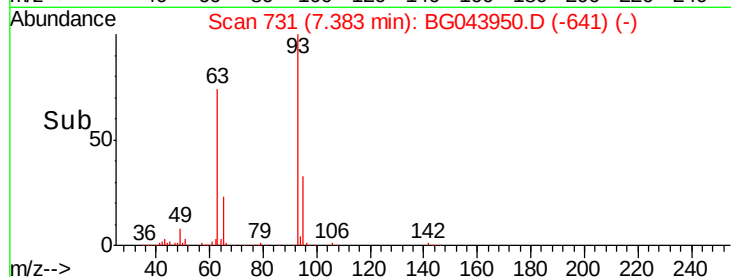
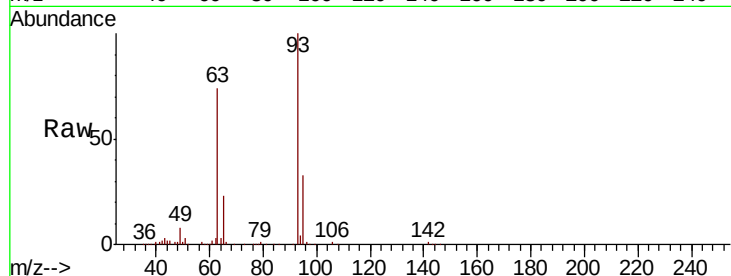




#11
bis(2-Chloroethyl)ether
Concen: 40.831 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

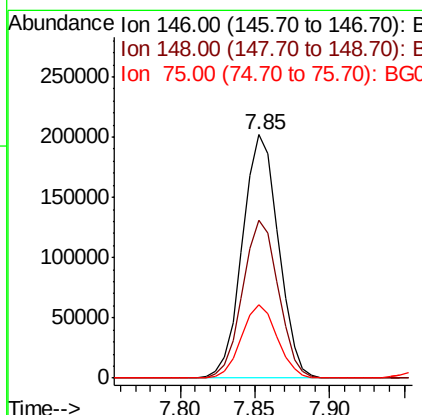
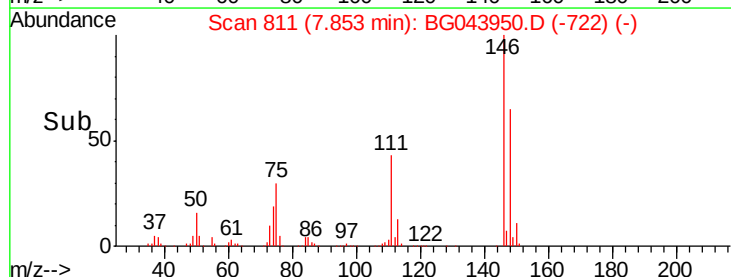
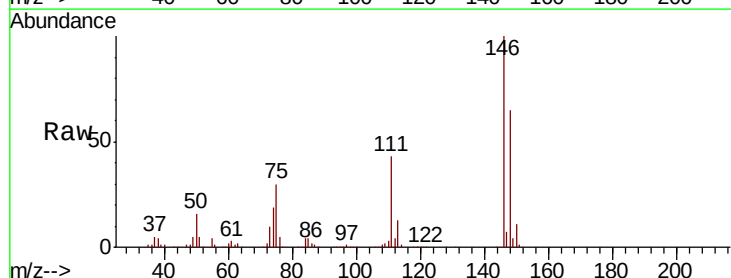
Instrument :
BNA_G
ClientSampleId :

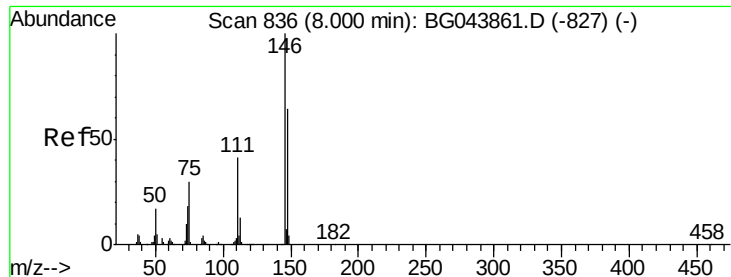
Tot Ion: 93 Resp: 313692
Ion Ratio Lower Upper
93 100
63 74.2 55.0 95.0
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.731 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion: 146 Resp: 337309
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 30.4 23.0 34.4

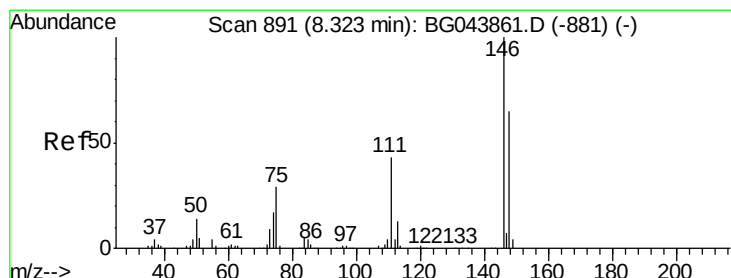
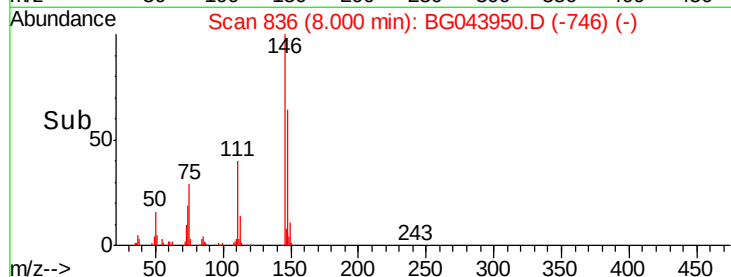
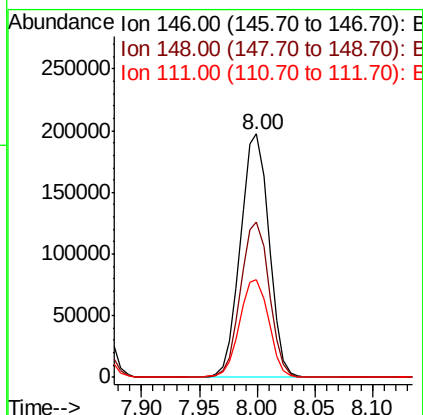
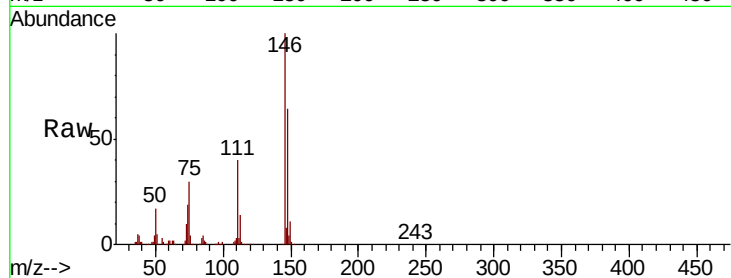




#13
 1,4-Dichlorobenzene
 Concen: 40.679 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

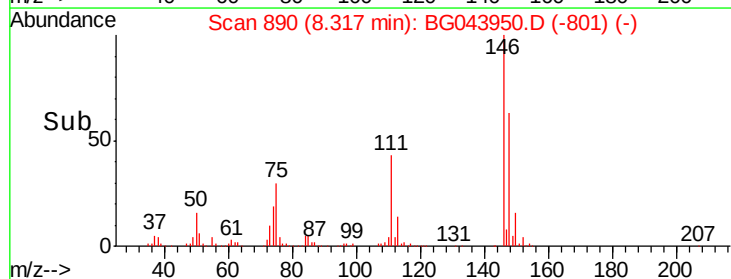
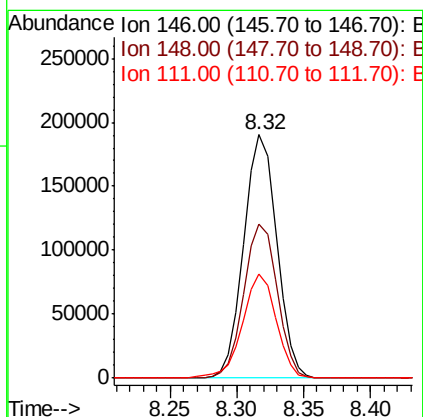
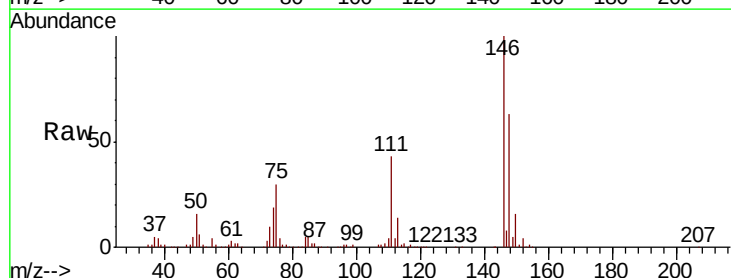
Instrument :
 BNA_G
 ClientSampleId :

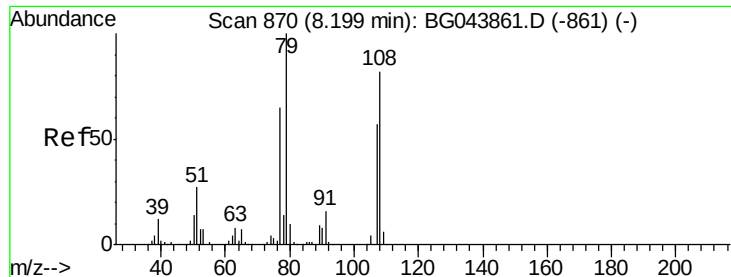
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	40.4	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.503 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
111	42.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.779 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampled :

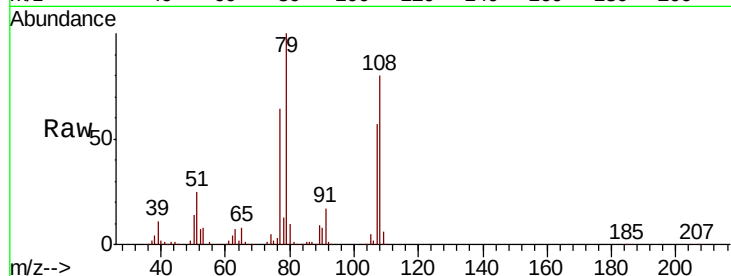
Tot Ion: 79 Resp: 291650

Ion Ratio Lower Upper

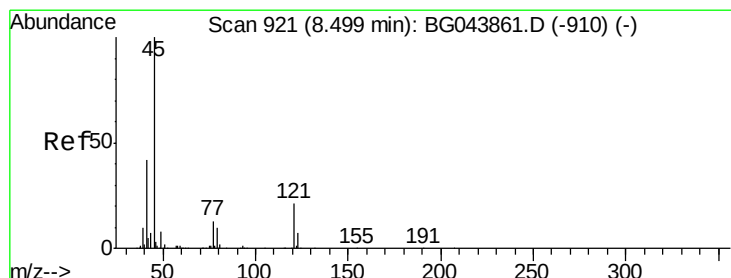
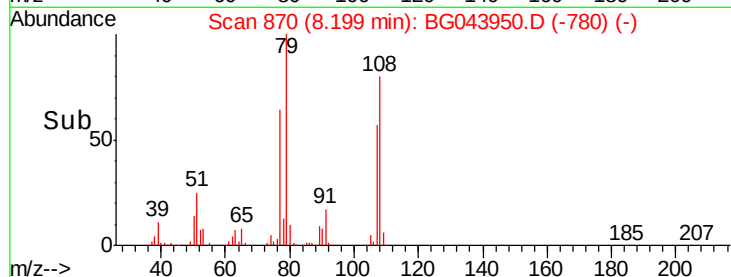
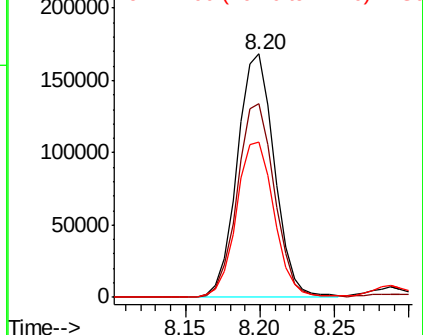
79 100

108 79.6 65.6 98.4

77 63.6 52.0 78.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.200 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

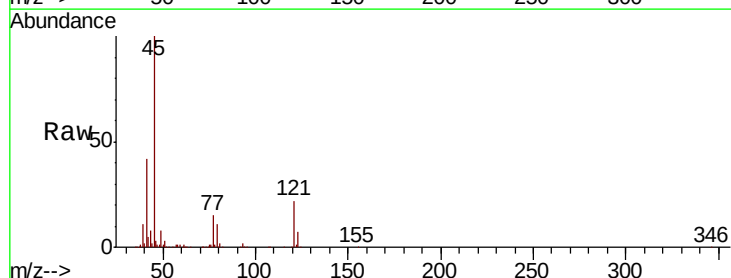
Tgt Ion: 45 Resp: 430272

Ion Ratio Lower Upper

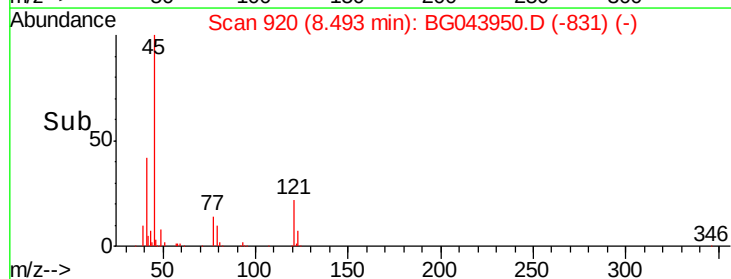
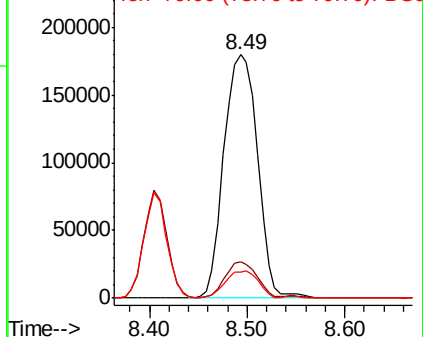
45 100

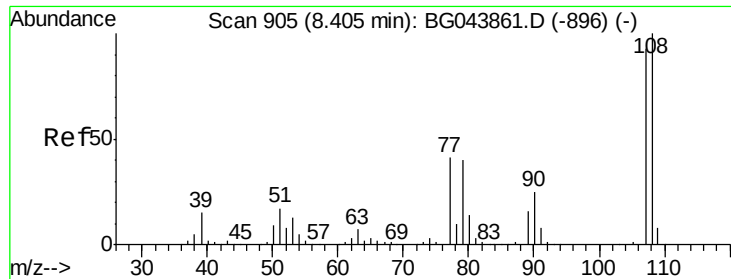
77 14.8 0.0 33.8

79 10.6 0.0 31.0



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

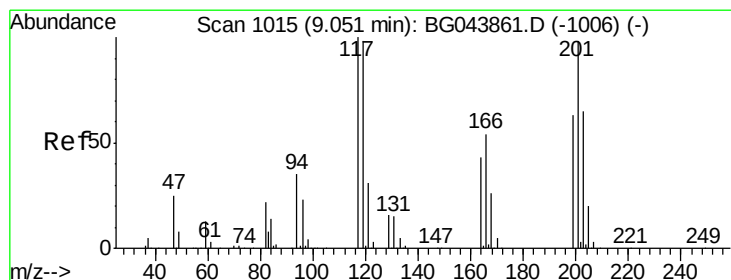
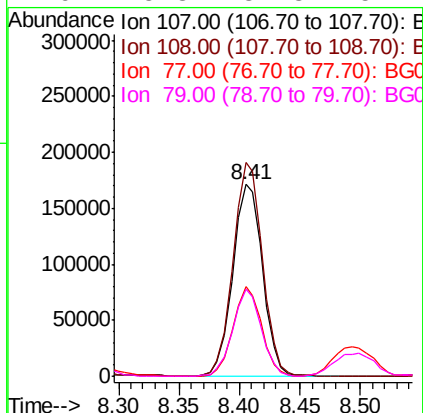
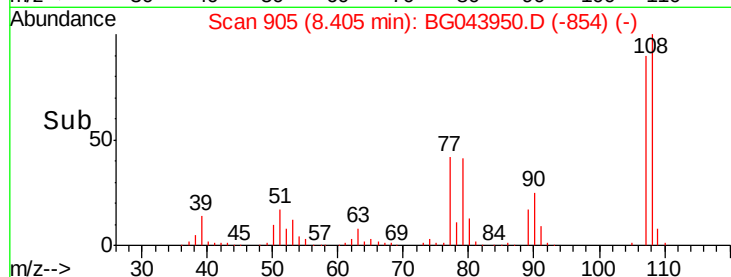
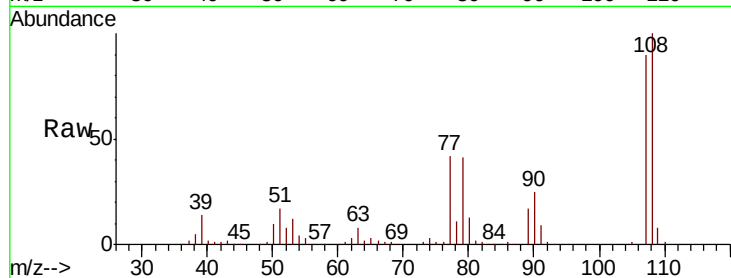




#17
2-Methylphenol
Concen: 45.854 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

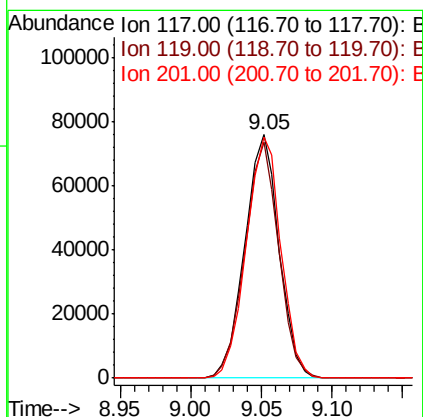
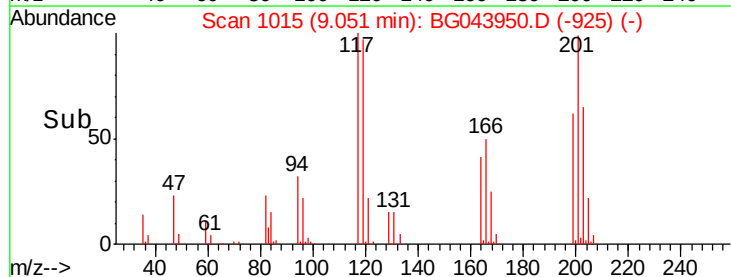
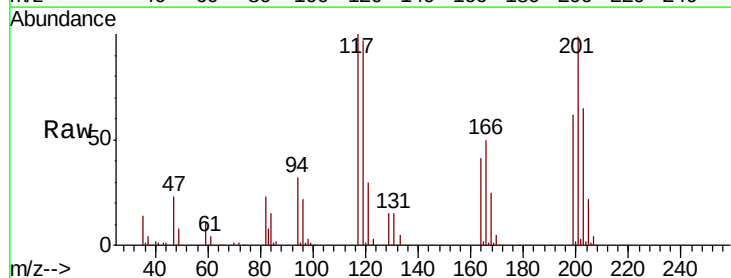
Instrument :
BNA_G
ClientSampled :

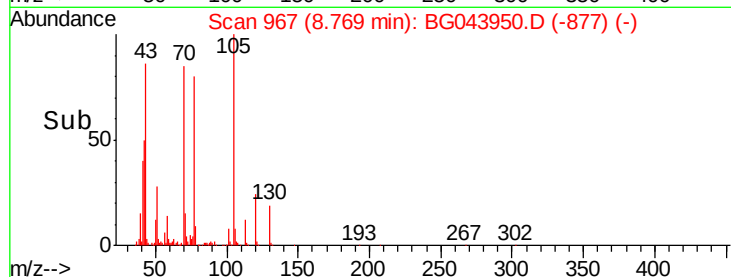
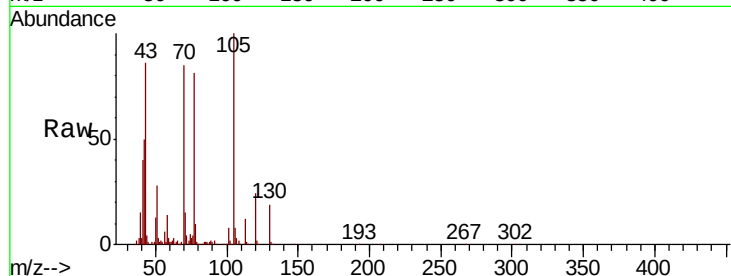
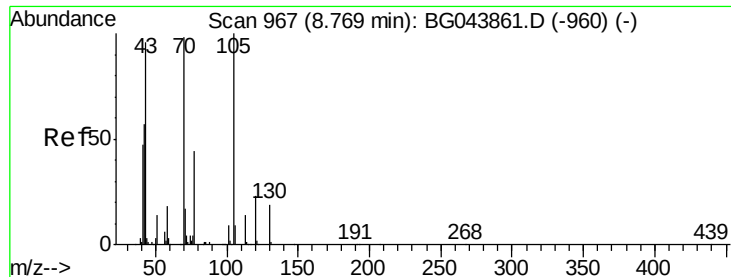
Tot Ion:	107	Resp:	295336
Ion	Ratio	Lower	Upper
107	100		
108	111.4	86.1	129.1
77	46.6	35.4	53.0
79	45.3	34.8	52.2



#18
Hexachloroethane
Concen: 39.664 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:	117	Resp:	129287
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
201	99.0	78.6	117.8

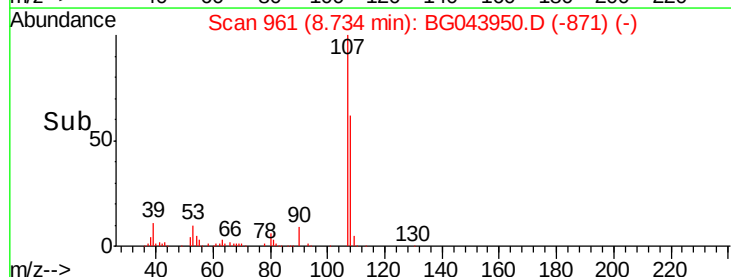
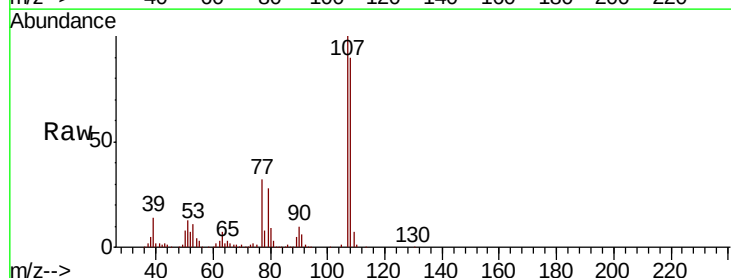
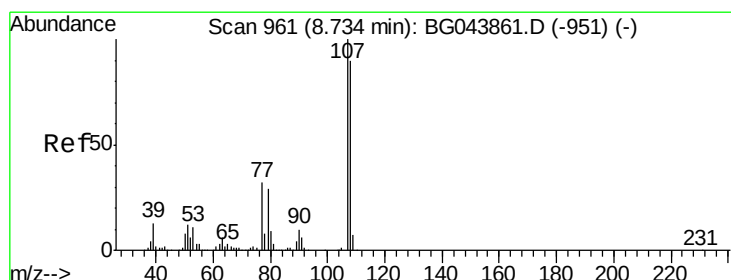
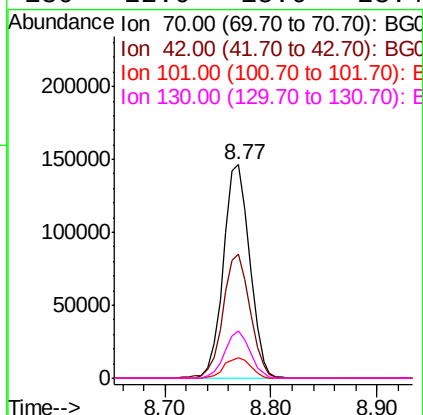




#19
n-Nitroso-di-n-propylamine
Concen: 39.174 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

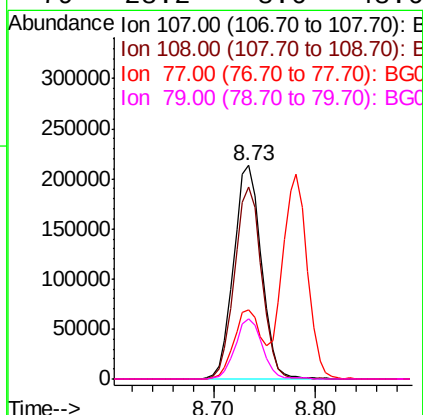
Instrument :
BNA_G
ClientSampleId :

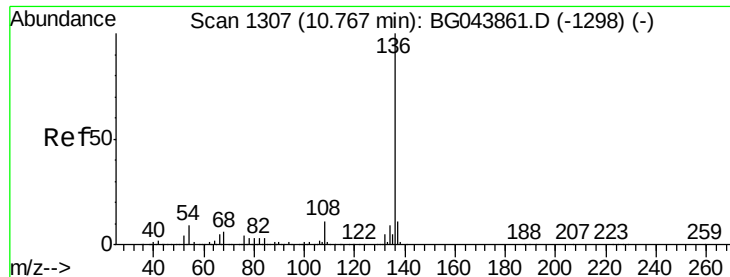
Tot Ion:	70	Resp:	252013
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.0	70.4
101	9.4	7.2	10.8
130	22.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 45.090 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:	107	Resp:	405138
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.3	110.3
77	32.4	12.4	52.4
79	28.2	8.6	48.6

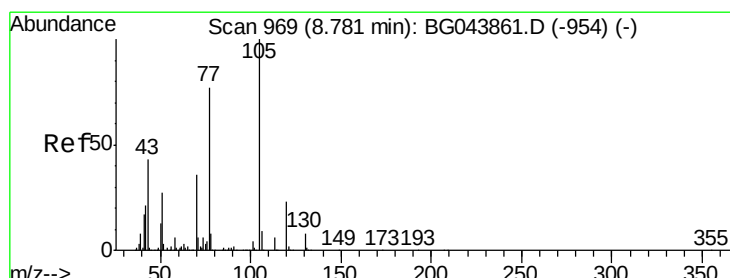
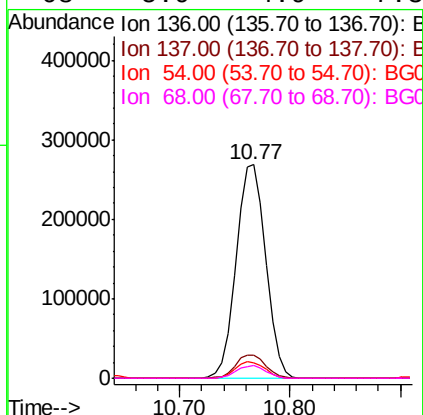
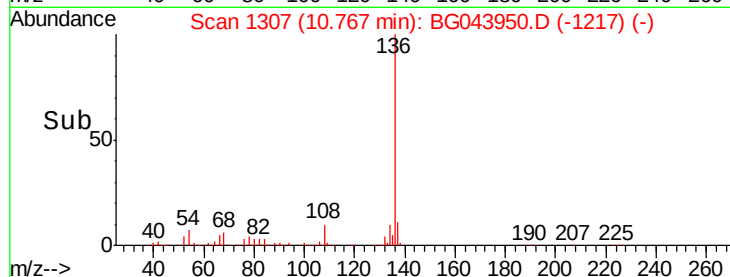
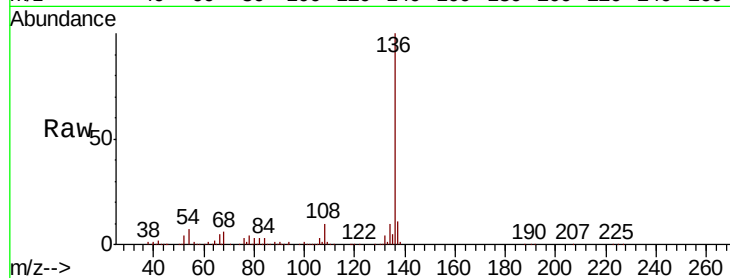




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

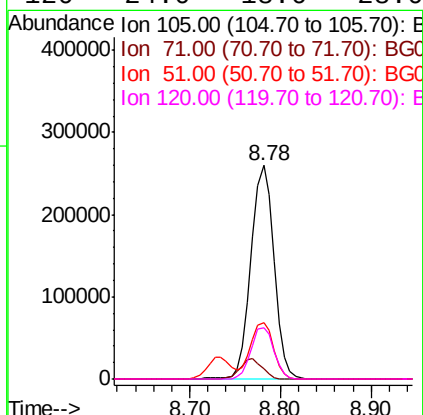
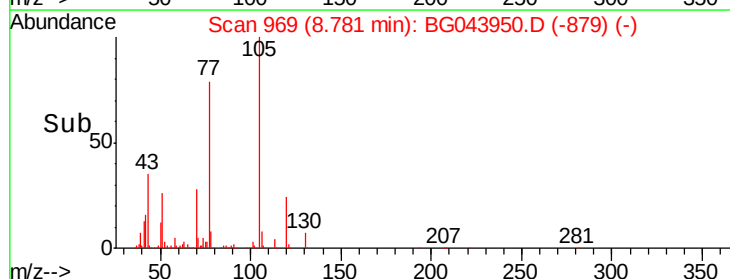
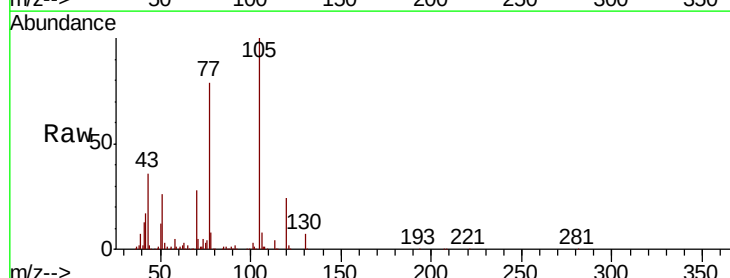
Instrument :
BNA_G
ClientSampleId :

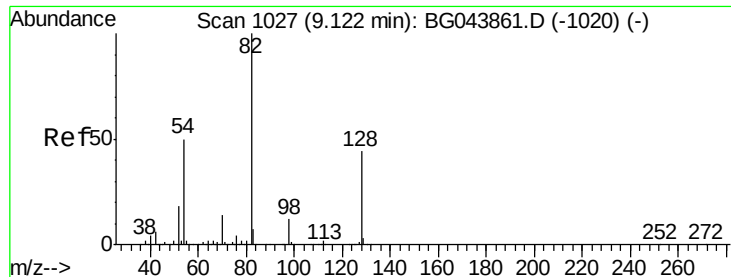
Tot Ion:136	Resp:	506060
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	7.5	7.0 10.4
68	5.9	4.9 7.3



#22
Acetophenone
Concen: 36.429 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:105	Resp:	458317
Ion	Ratio	Lower Upper
105	100	
71	4.8	4.8 7.2
51	26.3	21.4 32.0
120	24.0	18.6 28.0

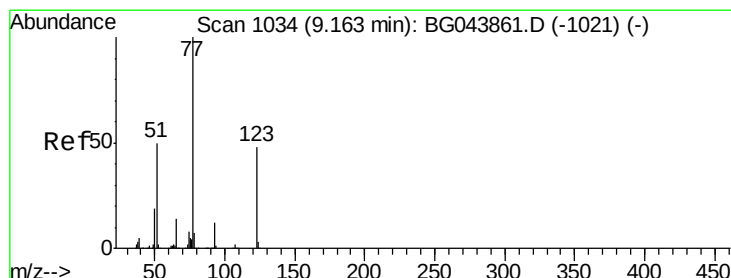
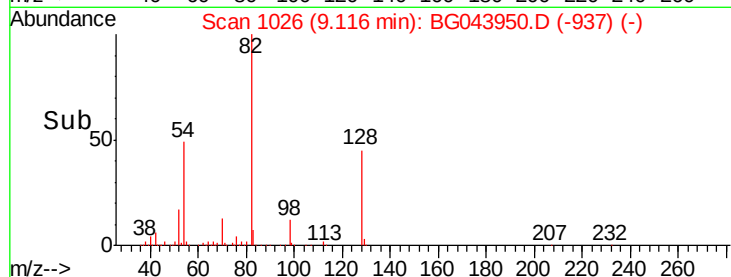
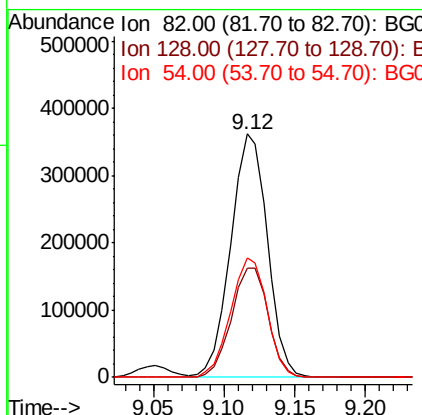
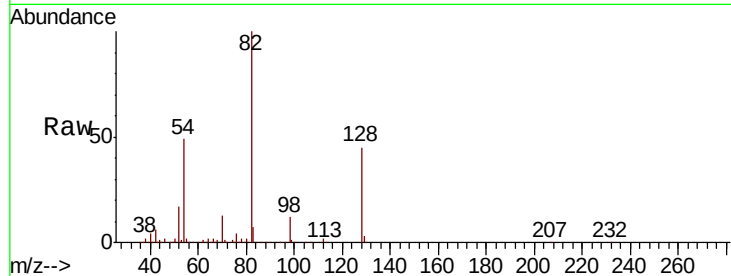




#23
 Nitrobenzene-d5
 Concen: 69.238 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

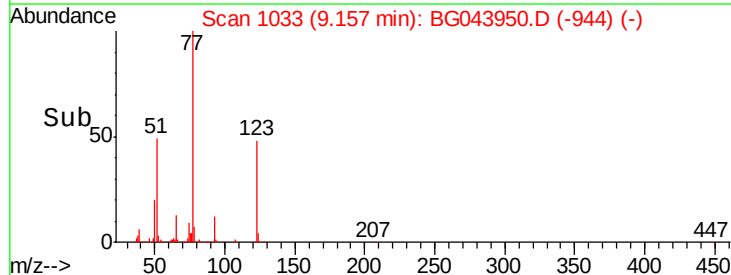
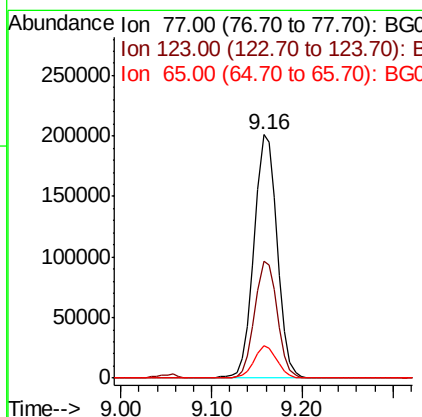
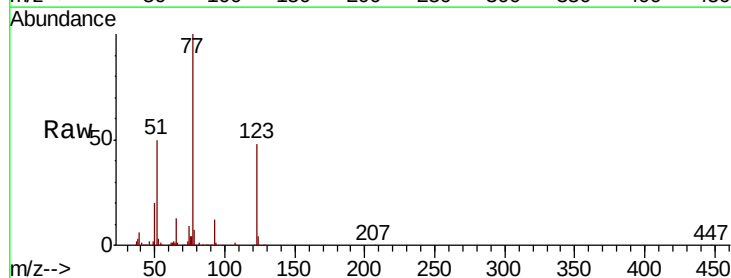
Instrument :
 BNA_G
 ClientSampled :

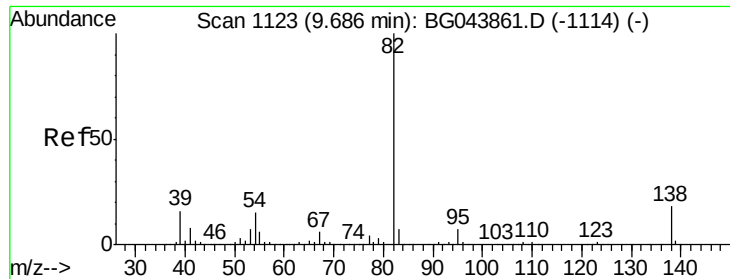
Tot Ion	82	Resp	654976
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.1	52.7
54	49.0	40.1	60.1



#24
 Nitrobenzene
 Concen: 37.963 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	77	Resp	355683
Ion Ratio	Lower	Upper	
77	100		
123	48.1	38.7	58.1
65	13.4	11.1	16.7

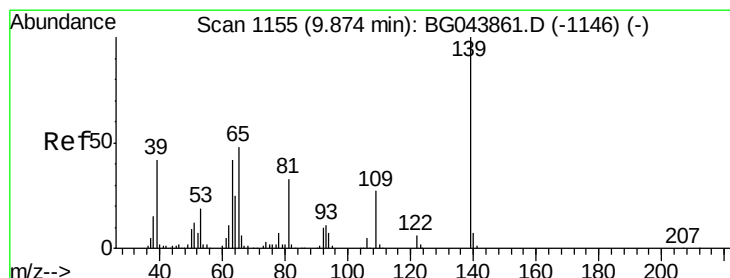
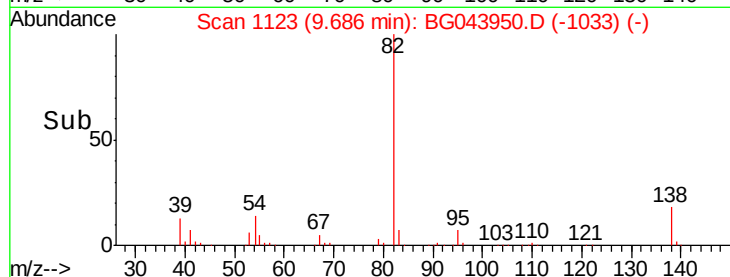
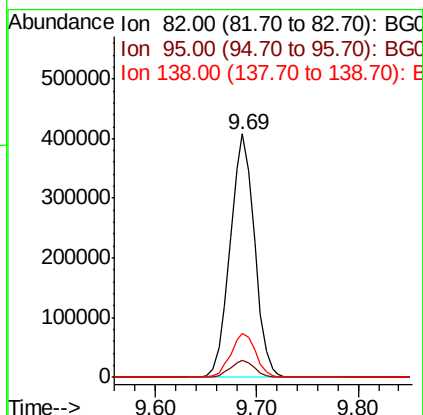
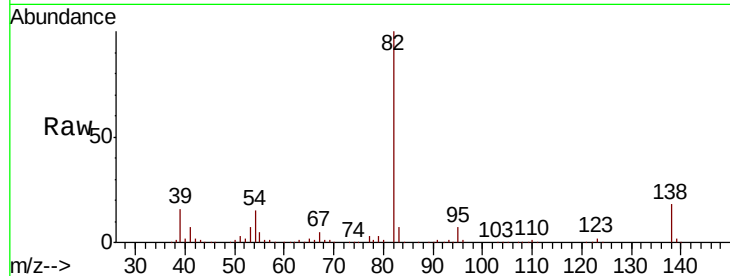




#25
Isophorone
Concen: 38.250 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

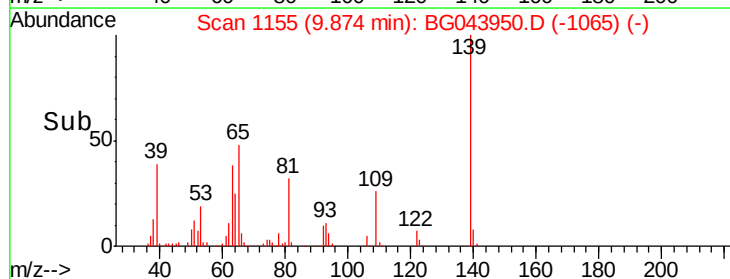
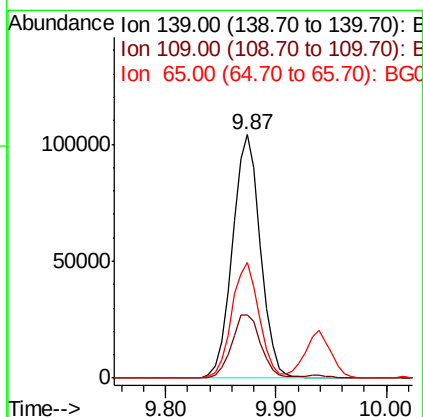
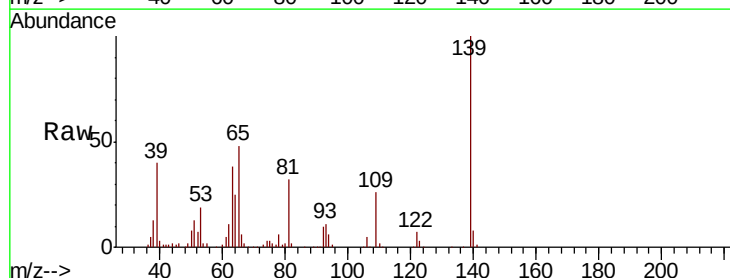
Instrument :
BNA_G
ClientSampled :

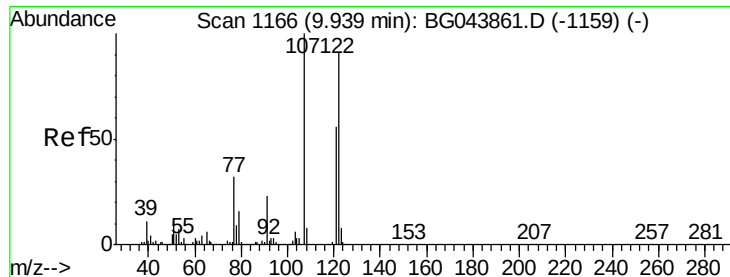
Tot Ion: 82 Resp: 678851
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 41.613 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion: 139 Resp: 184458
Ion Ratio Lower Upper
139 100
109 26.1 21.3 31.9
65 47.7 38.6 57.8

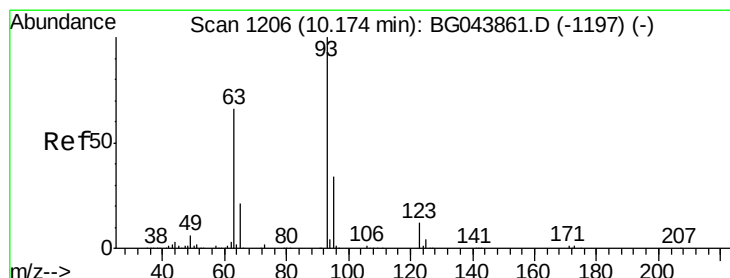
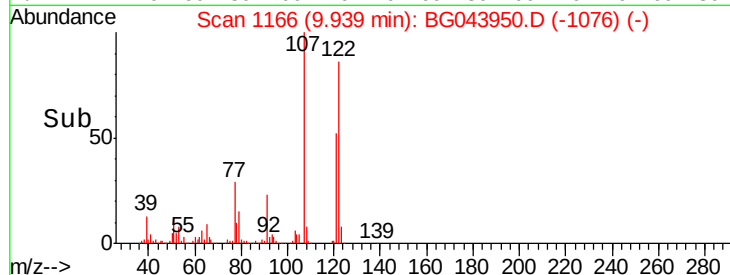
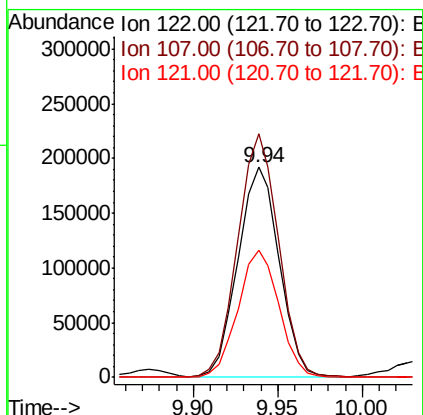
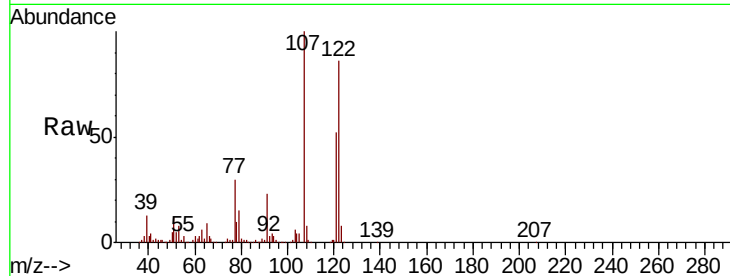




#27
 2,4-Dimethylphenol
 Concen: 48.745 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

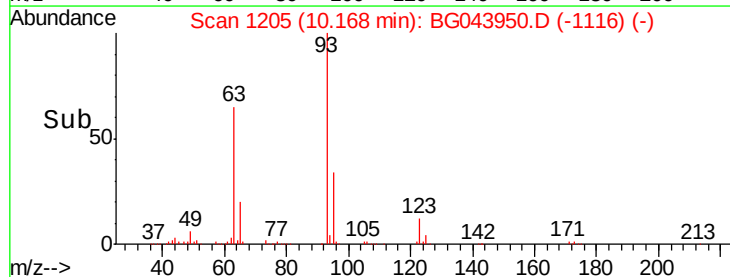
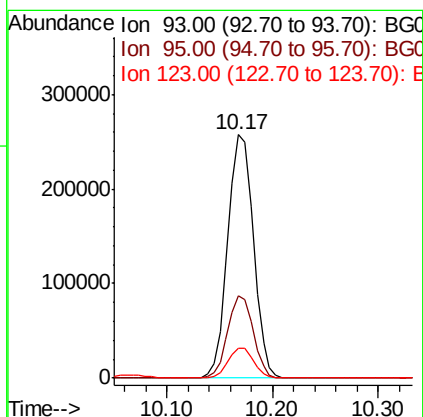
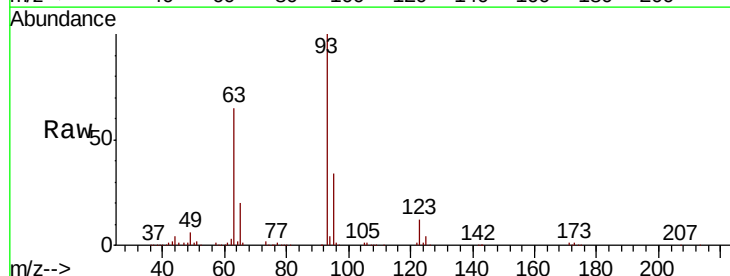
Instrument :
 BNA_G
 ClientSampled :

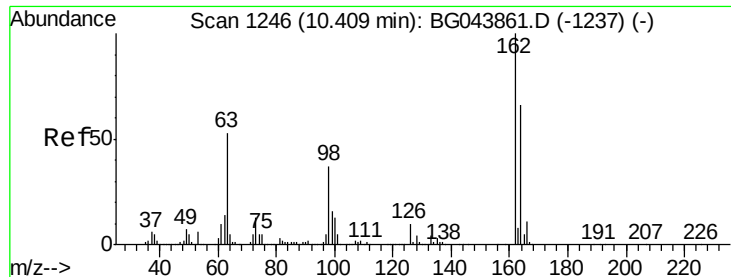
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	88.0	132.0
121	60.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.596 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.2	40.8
123	12.0	9.7	14.5

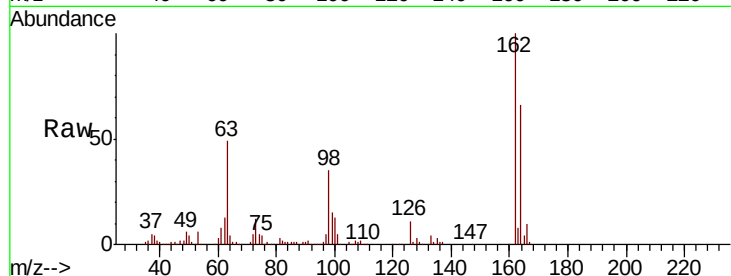




#29
 2,4-Dichlorophenol
 Concen: 42.309 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.3	86.3
98	35.3	17.3	57.3

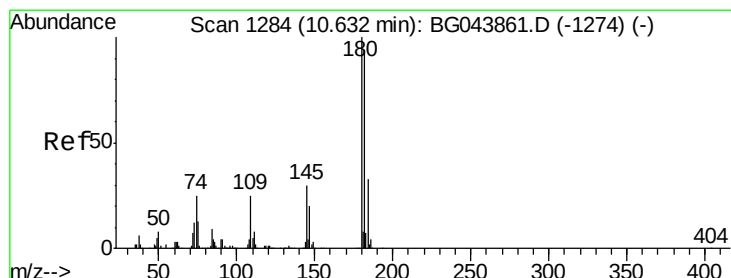
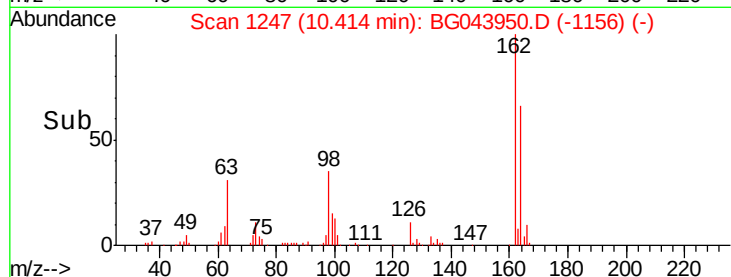
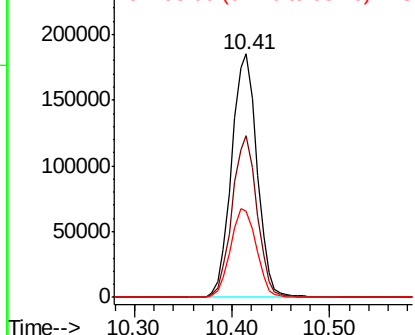


Abundance

Ion 162.00 (161.70 to 162.70): E

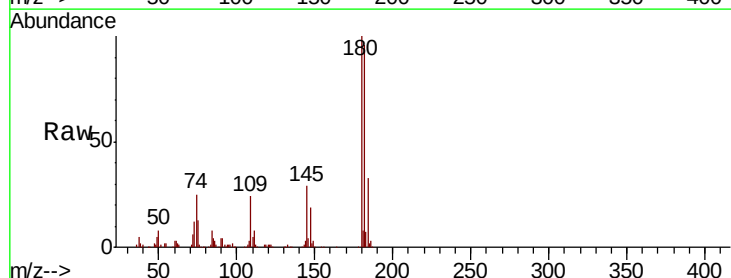
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 36.951 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.4
145	29.2	24.2	36.4

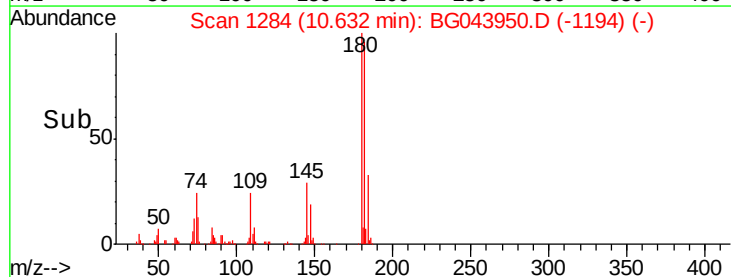
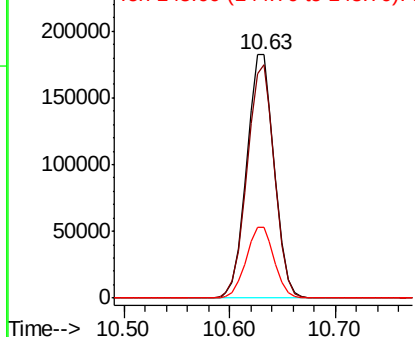


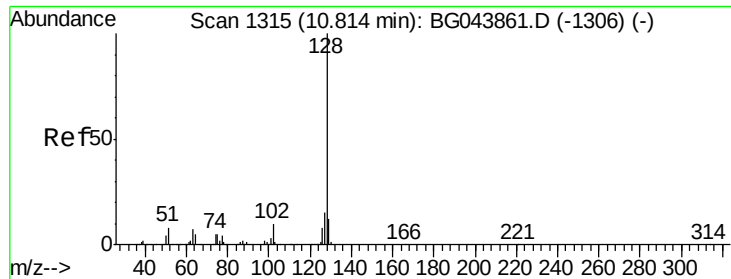
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

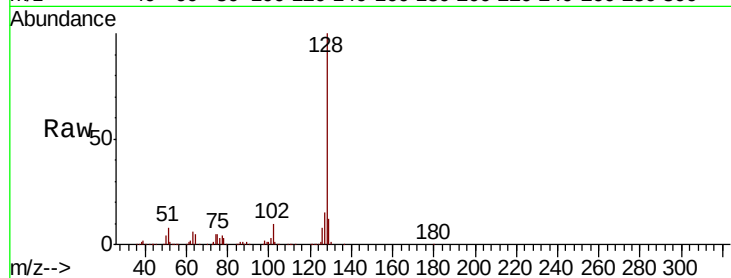




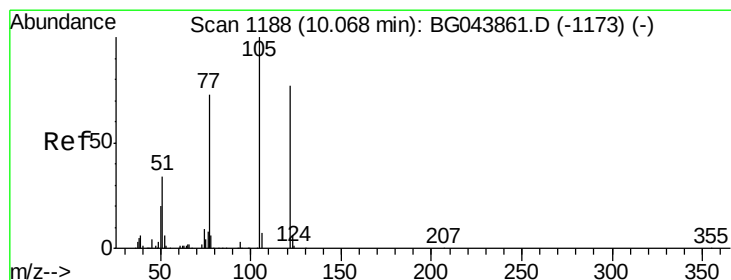
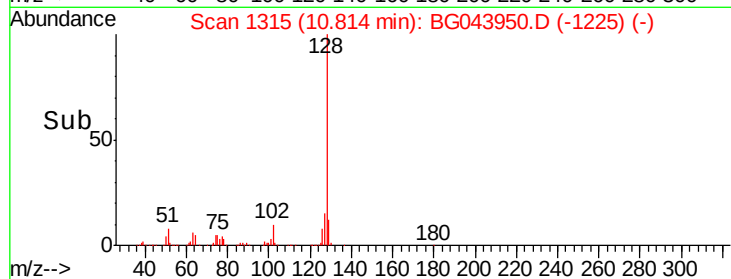
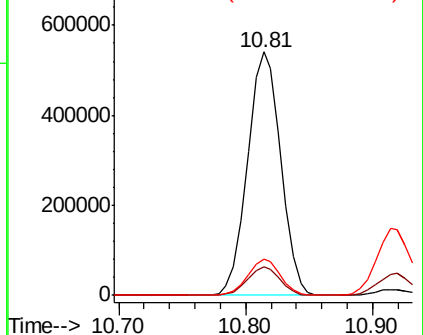
#31
Naphthalene
Concen: 40.252 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.7	12.0	18.0

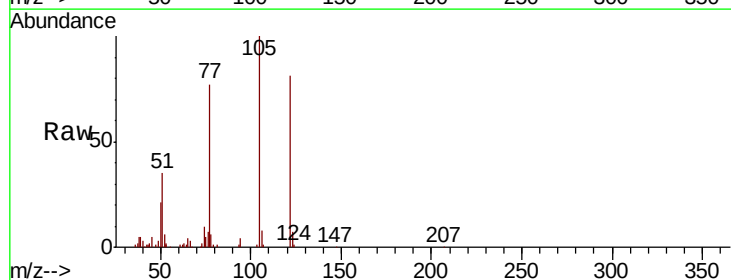


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

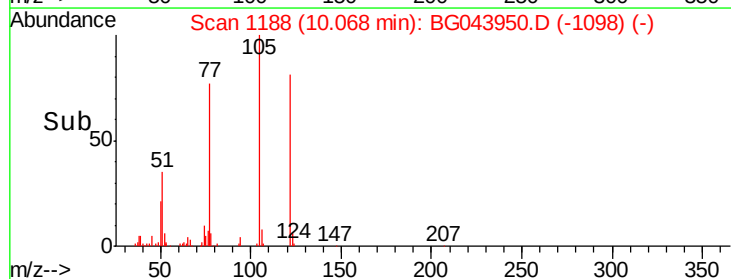
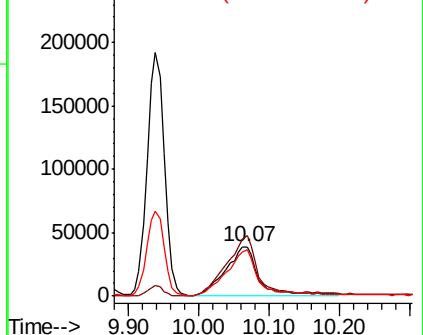


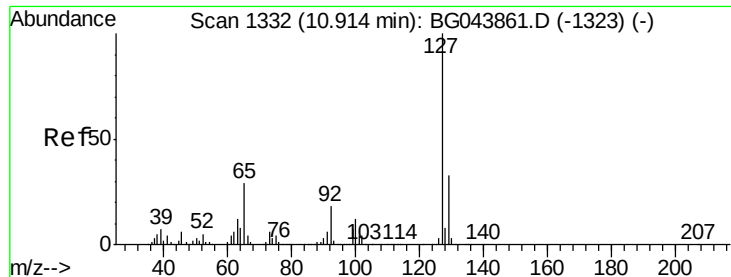
#32
Benzoic acid
Concen: 25.881 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	106.4	146.4
77	94.7	74.6	114.6



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

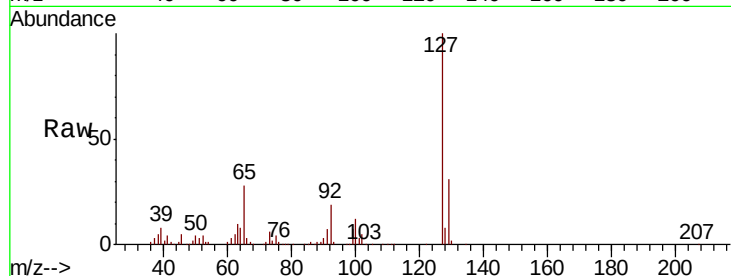




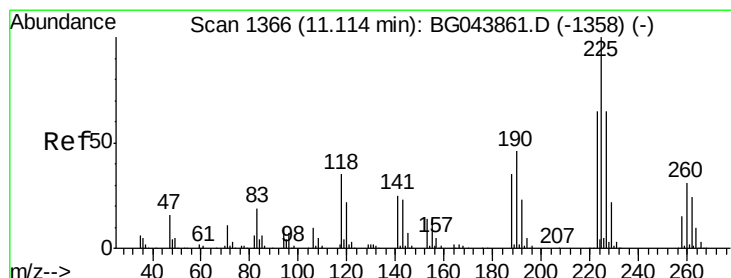
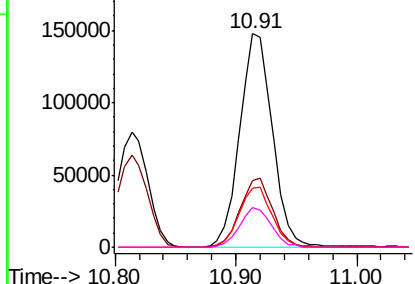
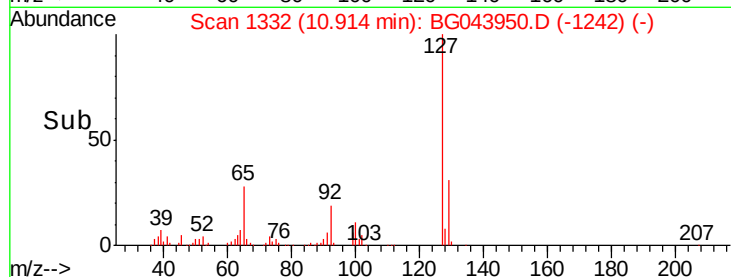
#33
4-Chloroaniline
Concen: 23.880 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	278922
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	40.0
65	27.8	23.3	34.9
92	18.5	14.7	22.1

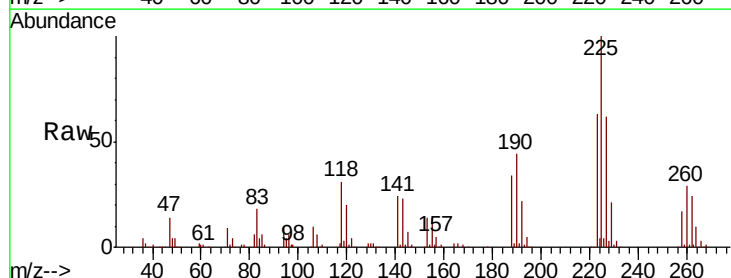


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

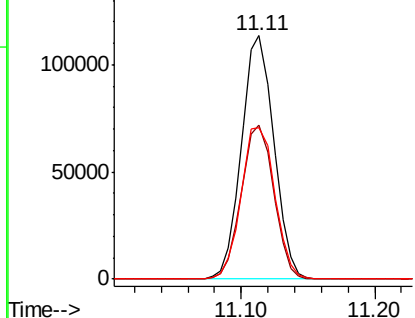
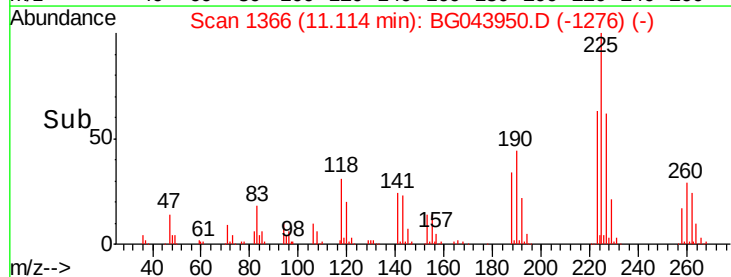


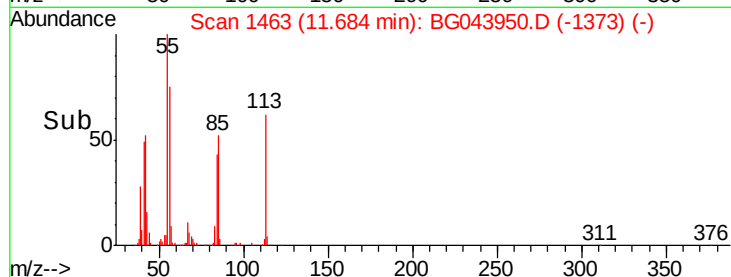
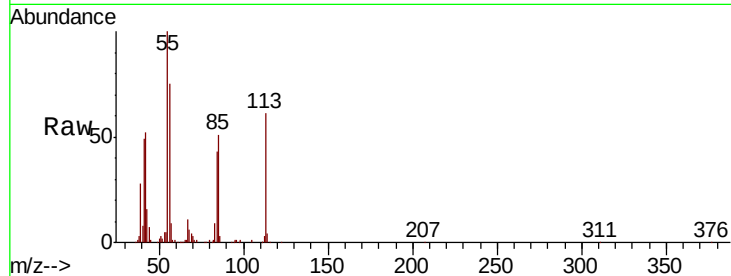
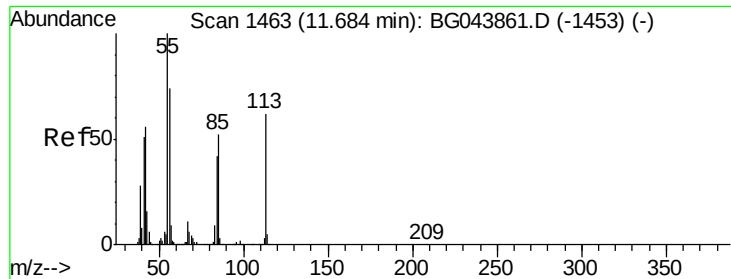
#34
Hexachlorobutadiene
Concen: 34.868 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:	225	Resp:	189989
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.4
227	65.2	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

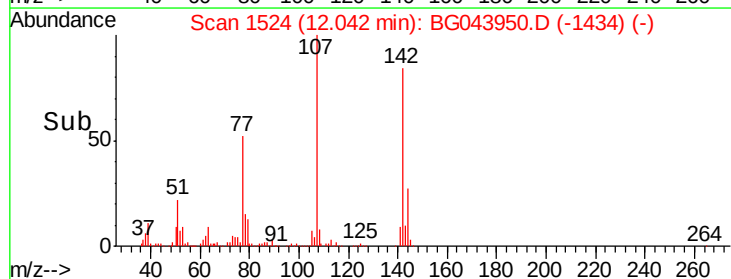
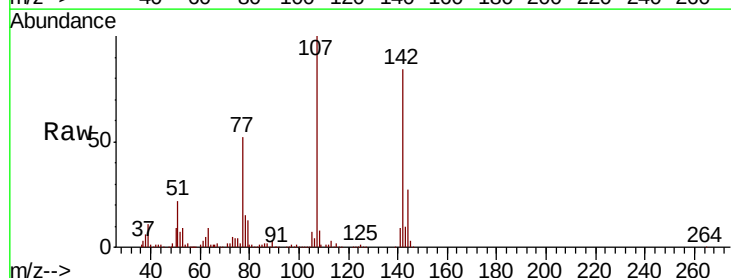
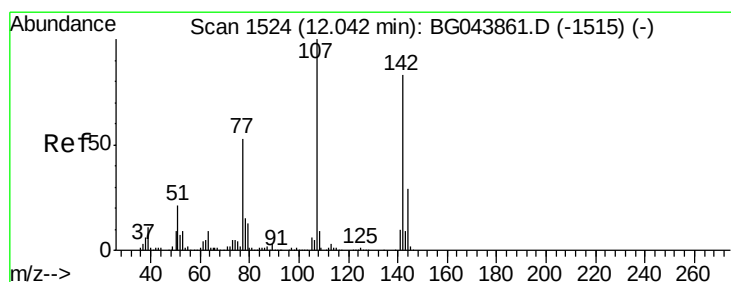
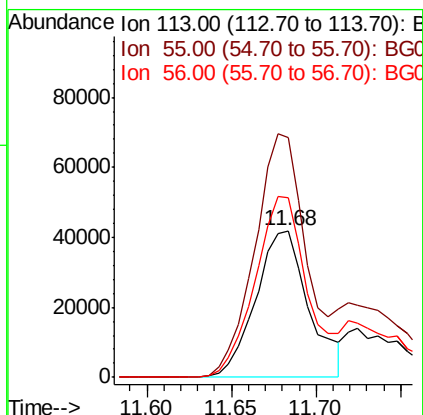




#35
Caprolactam
Concen: 30.812 ng
RT: 11.68 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

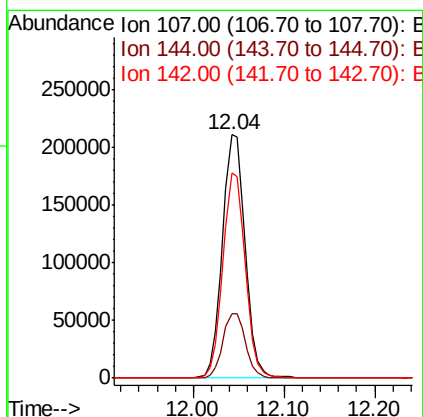
Instrument :
BNA_G
ClientSampleId :

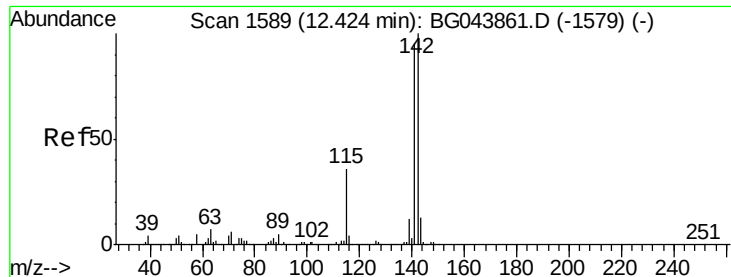
Tot Ion:113 Resp: 91296
Ion Ratio Lower Upper
113 100
55 163.0 142.5 182.5
56 122.0 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 43.469 ng
RT: 12.04 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:107 Resp: 368313
Ion Ratio Lower Upper
107 100
144 26.7 23.4 35.2
142 84.1 66.3 99.5

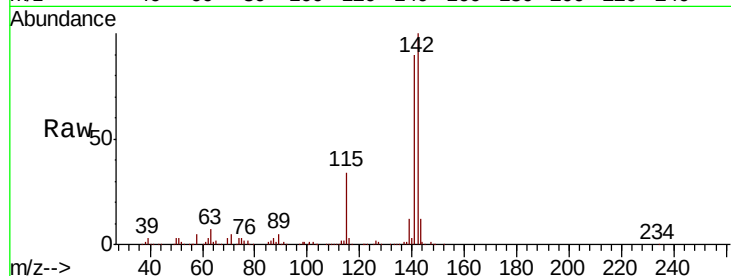




#37
2-Methylnaphthalene
Concen: 40.592 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.8	113.8
115	33.6	28.6	42.8

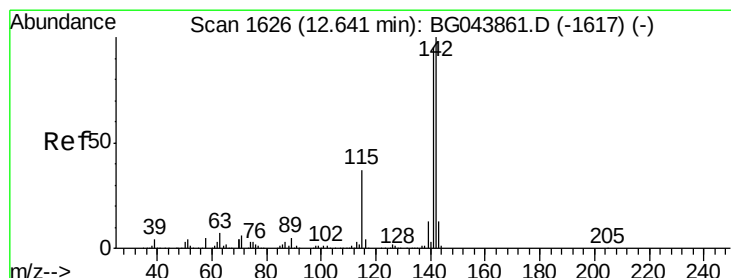
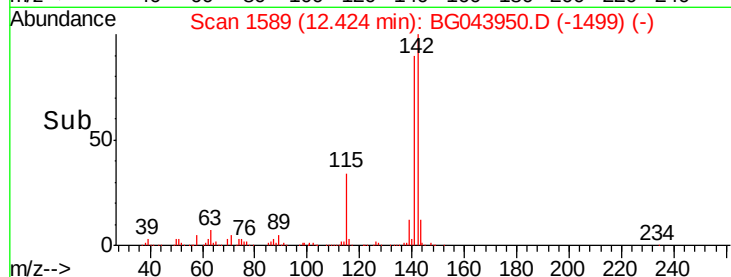
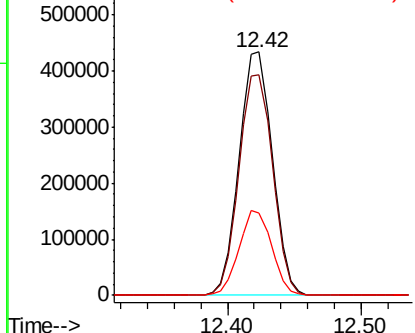


Abundance

Ion 142.00 (141.70 to 142.70): E

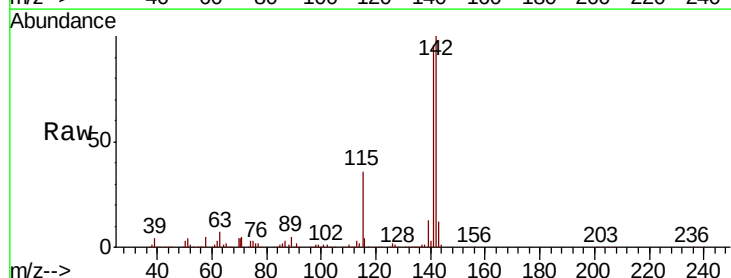
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.723 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.0	114.0
116	4.0	3.1	4.7

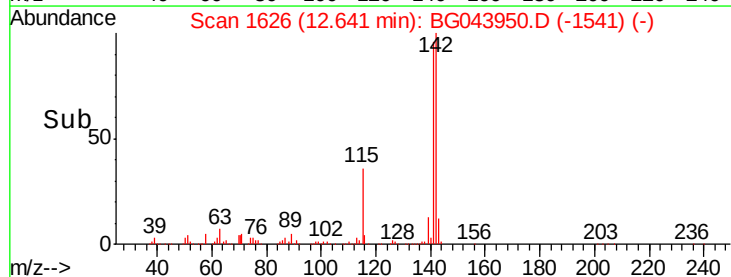
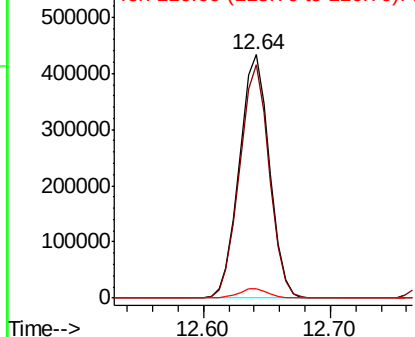


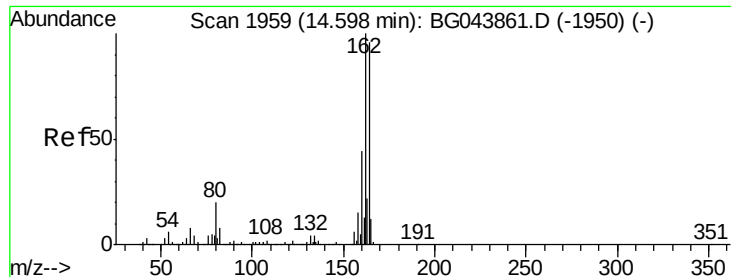
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

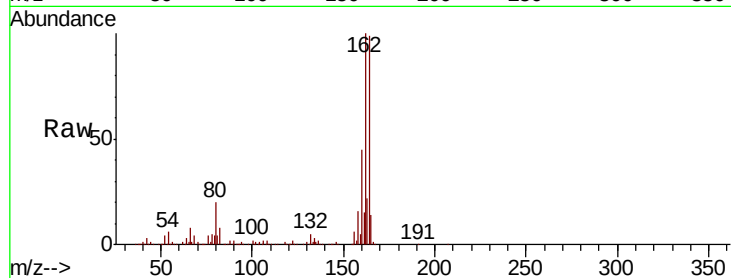
Tot Ion:164 Resp: 345746

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

160 45.2 36.1 54.1

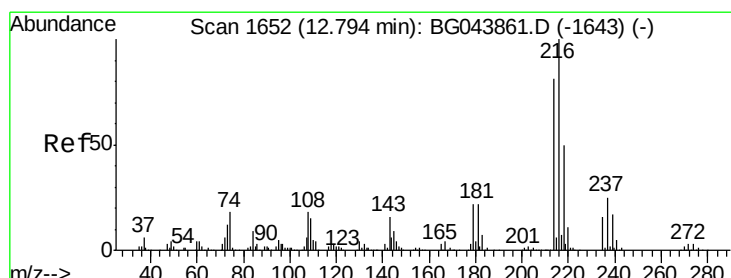
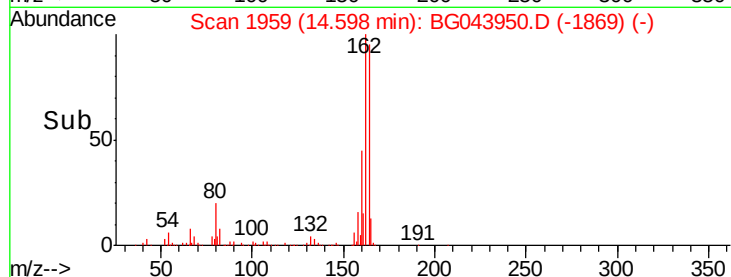
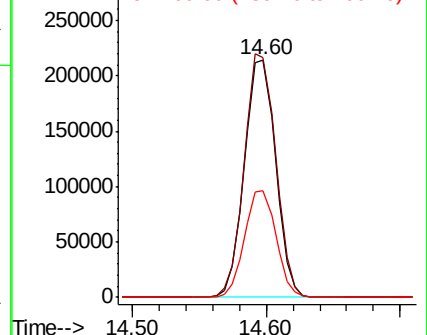


Abundance

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: 34.797 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:216 Resp: 352623

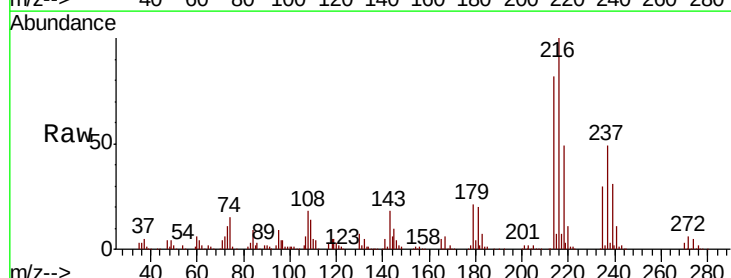
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 21.3 17.3 25.9

108 21.1 15.3 22.9



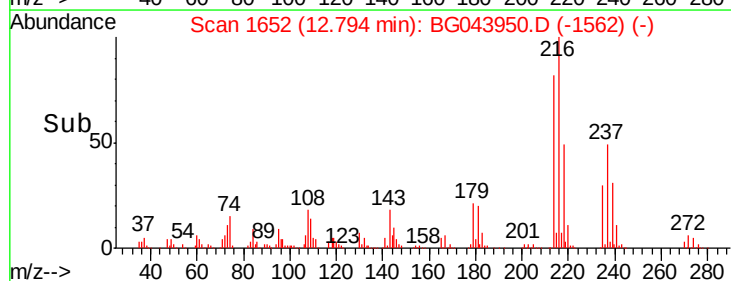
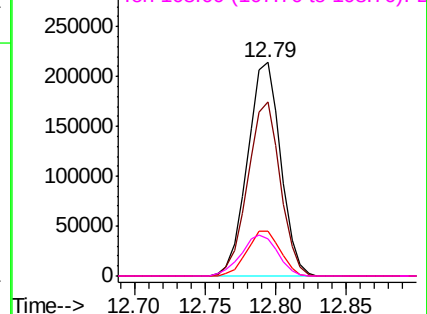
Abundance

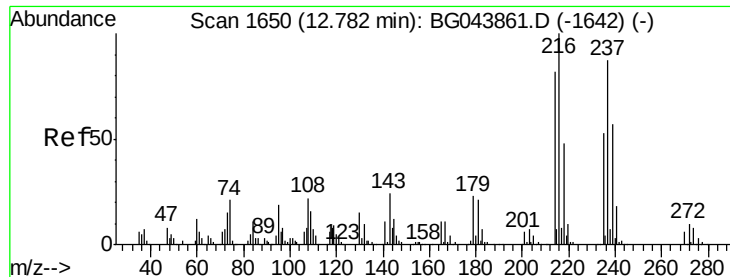
Ion 216.00 (215.70 to 216.70): E

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: 86.235 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

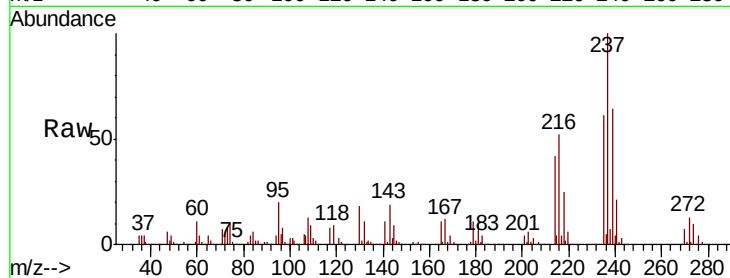
Tot Ion:237 Resp: 453061

Ion Ratio Lower Upper

237 100

235 61.1 41.1 81.1

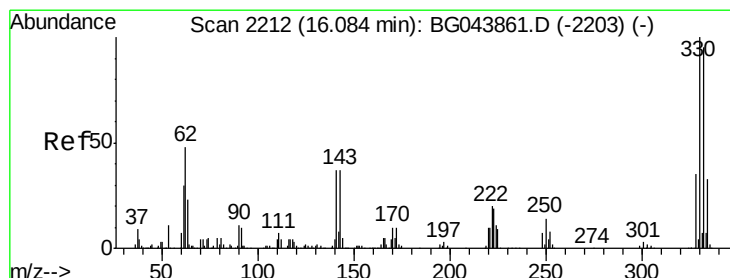
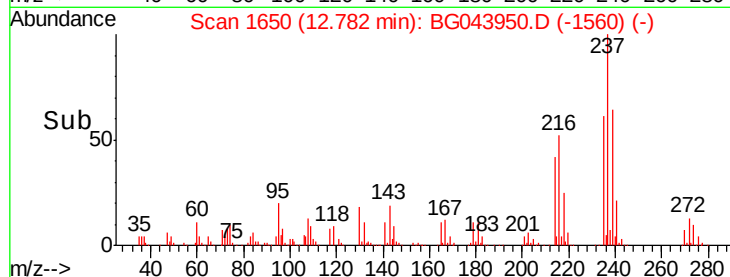
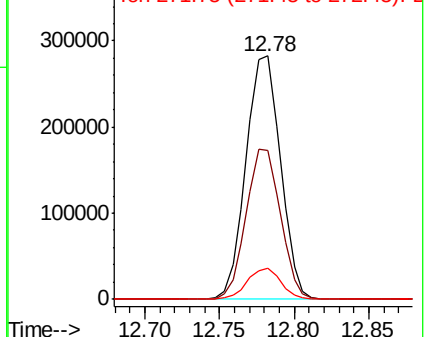
272 12.9 0.0 31.7



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: 111.177 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

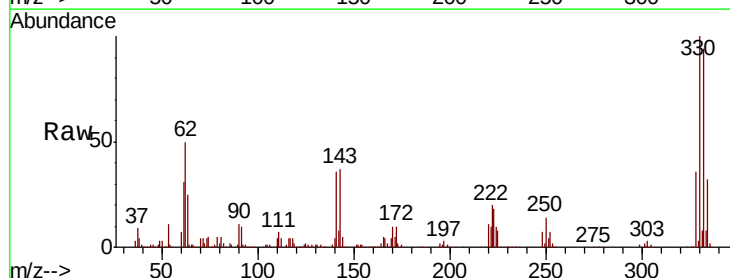
Tgt Ion:330 Resp: 402257

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

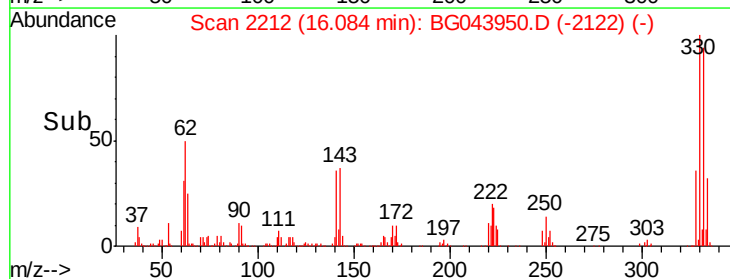
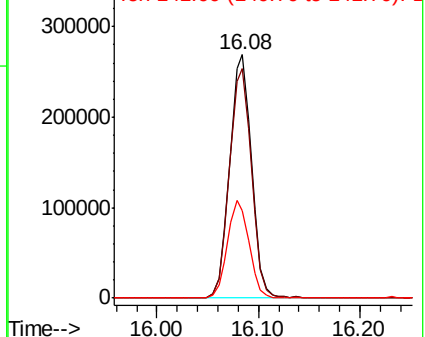
141 39.9 33.1 49.7

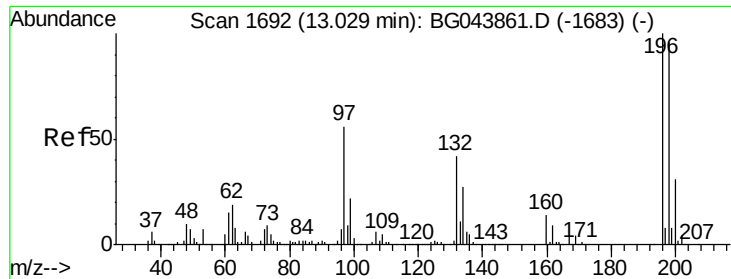


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

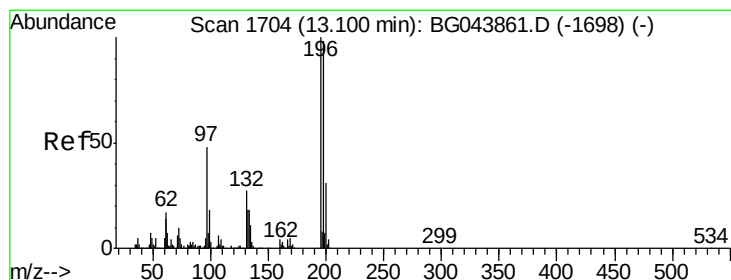
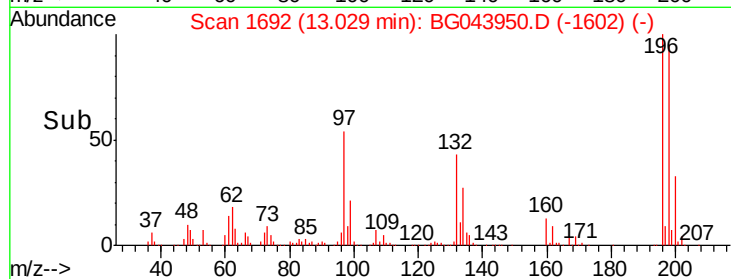
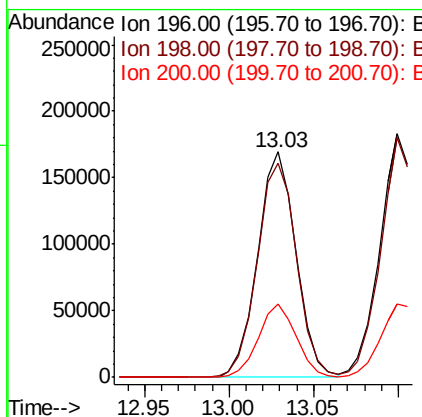
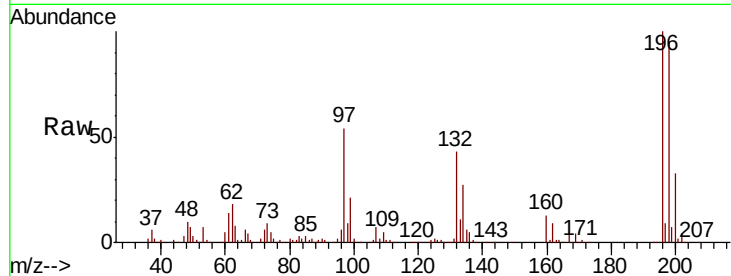




#43
 2,4,6-Trichlorophenol
 Concen: 38.305 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

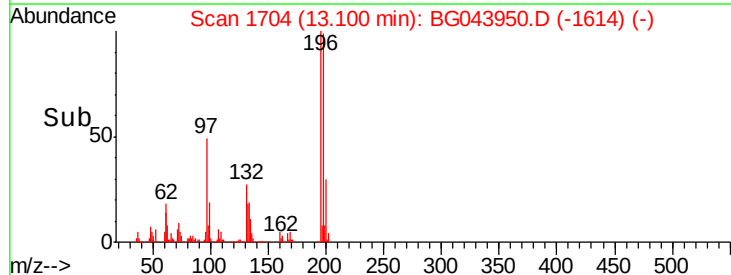
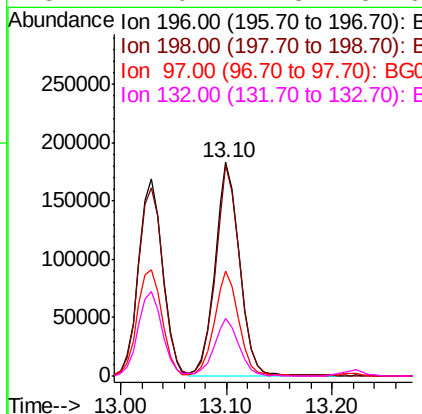
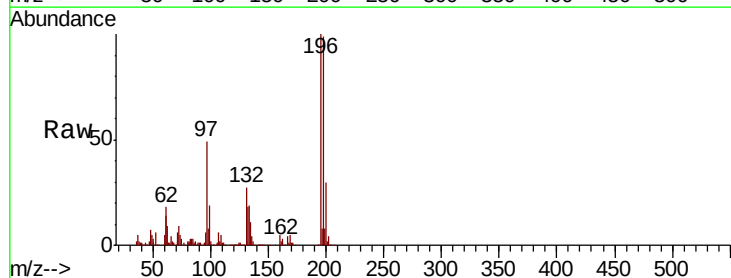
Instrument :
 BNA_G
 ClientSampled :

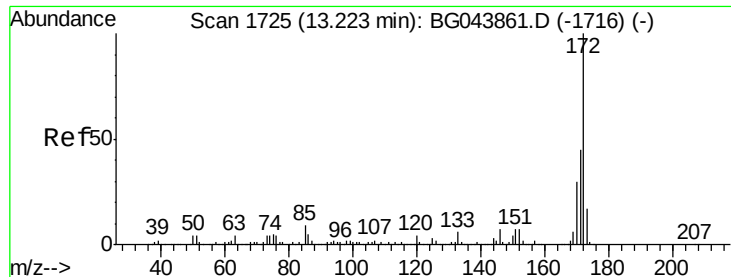
Tot Ion:196 Resp: 267094
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 200 32.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.182 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion:196 Resp: 296169
 Ion Ratio Lower Upper
 196 100
 198 98.7 78.3 117.5
 97 49.3 38.8 58.2
 132 27.0 21.3 31.9

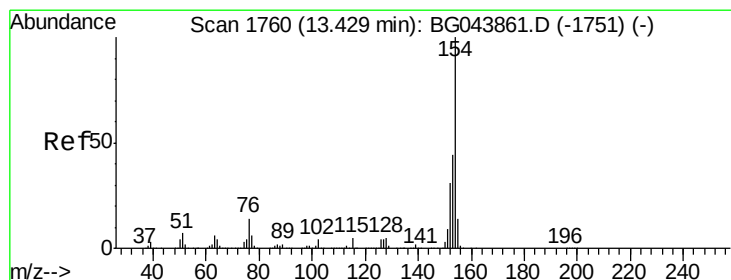
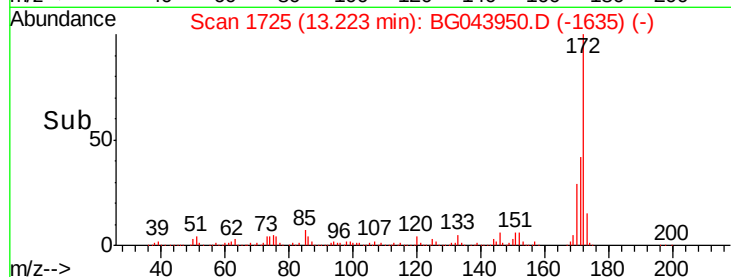
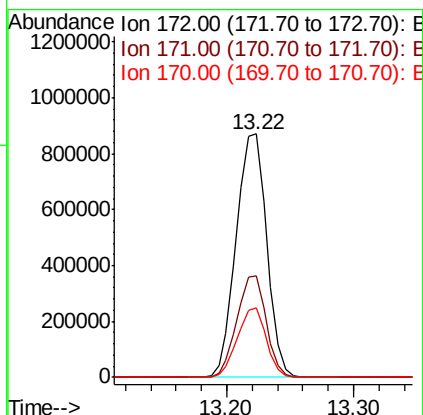
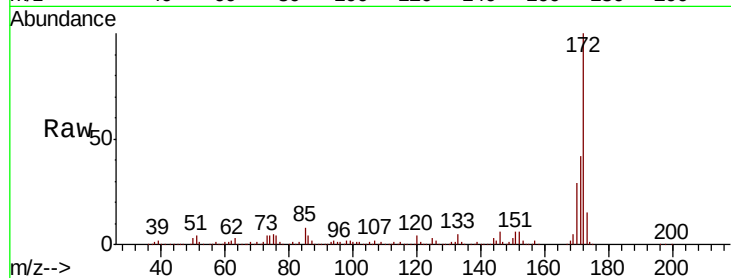




#45
2-Fluorobiphenyl
Concen: 76.208 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

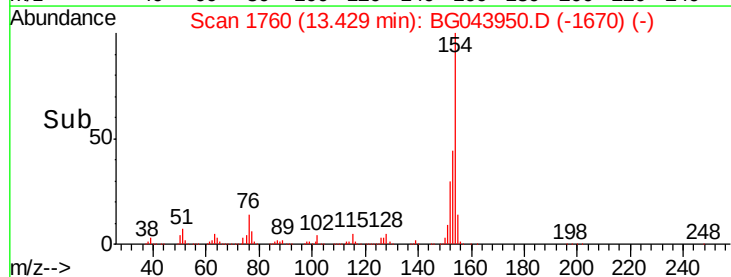
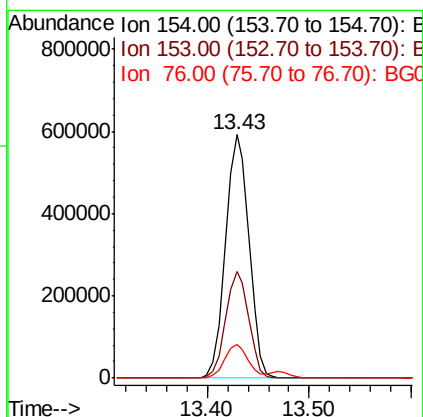
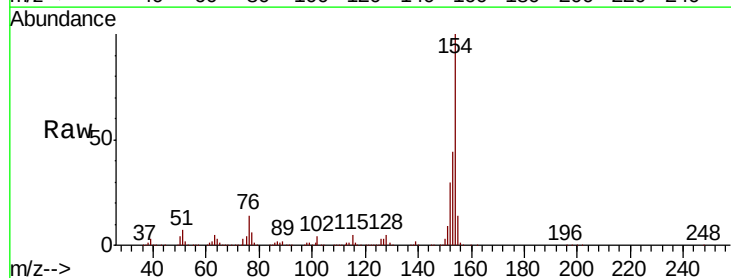
Instrument :
BNA_G
ClientSampleId :

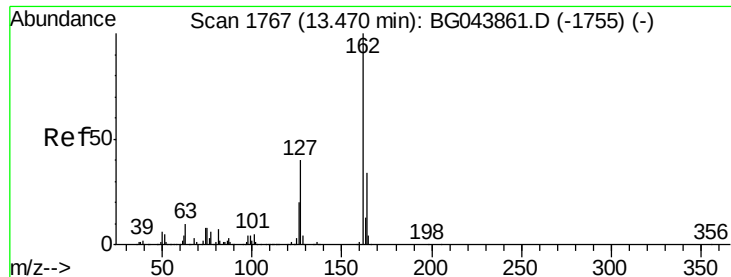
Tot Ion:172 Resp: 1454311
Ion Ratio Lower Upper
172 100
171 41.6 35.8 53.8
170 28.6 24.2 36.4



#46
1,1'-Biphenyl
Concen: 38.162 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:154 Resp: 946014
Ion Ratio Lower Upper
154 100
153 43.7 23.6 63.6
76 14.0 0.0 34.4

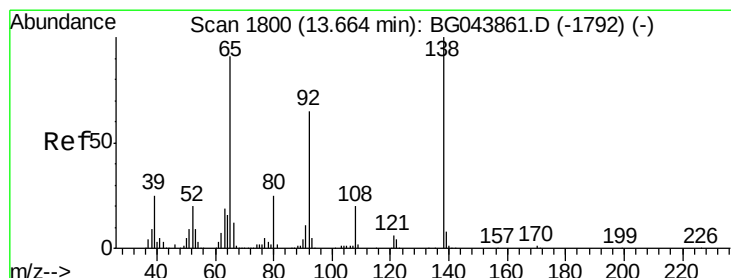
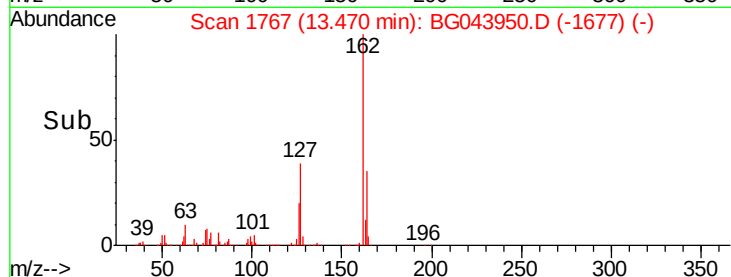
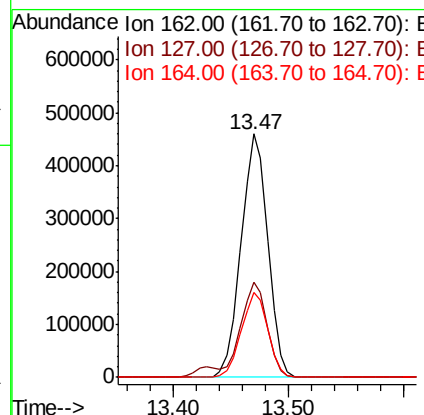
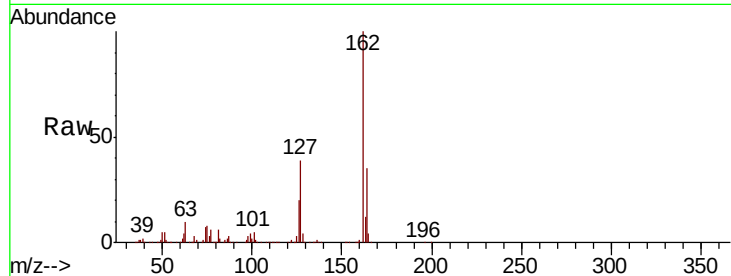




#47
 2-Chloronaphthalene
 Concen: 36.654 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

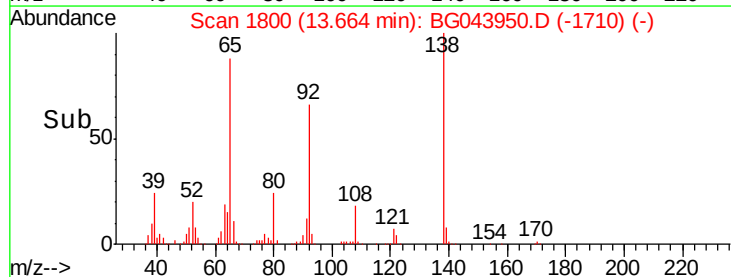
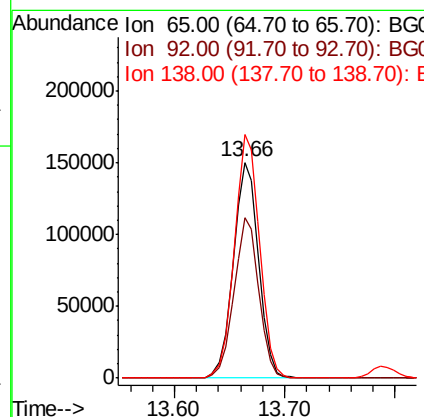
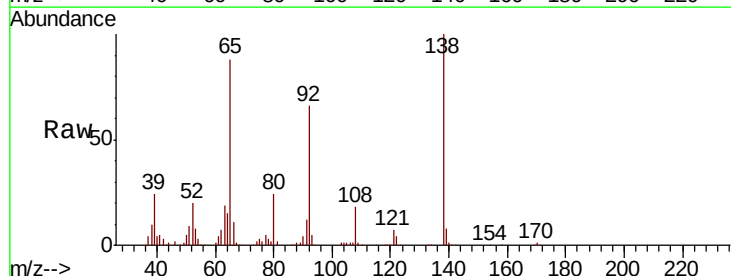
Instrument :
 BNA_G
 ClientSampleId :

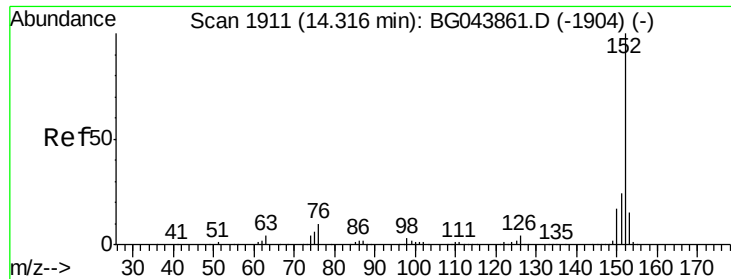
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.1	48.1
164	34.9	27.5	41.3



#48
 2-Nitroaniline
 Concen: 37.334 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	57.4	86.2
138	113.0	88.2	132.4





#49

Acenaphthylene

Concen: 40.832 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

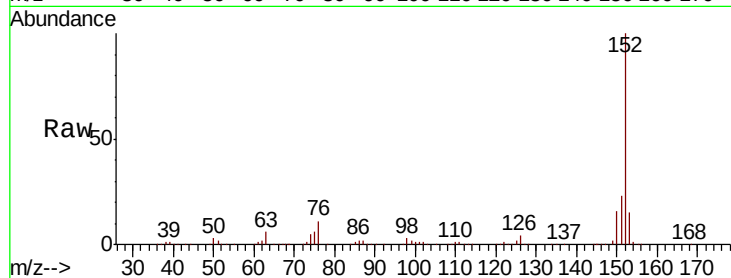
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1175605

Ion	Ratio	Lower	Upper
152	100		
151	23.4	19.4	29.2
153	14.7	12.0	18.0

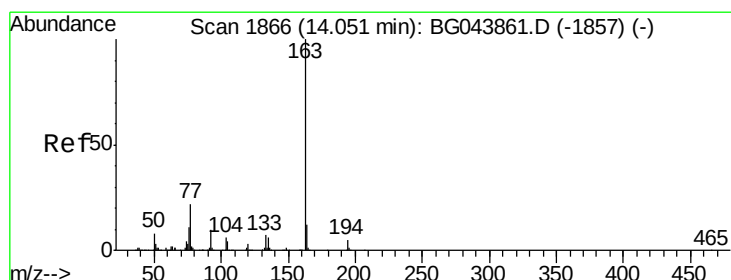
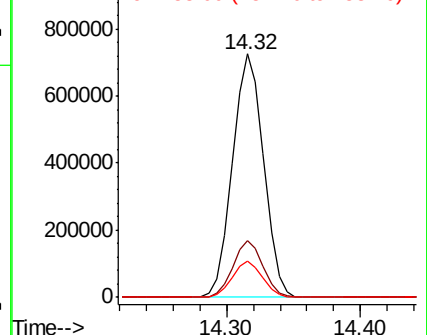
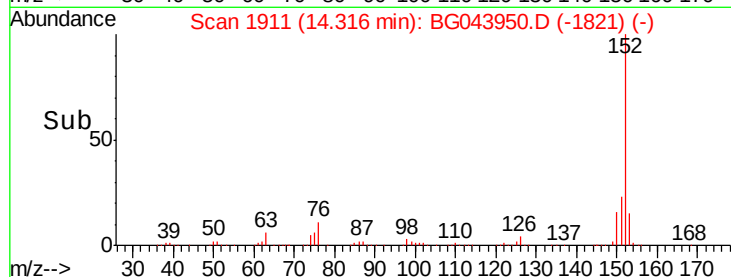


Abundance

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: 39.084 ng

RT: 14.05 min Scan# 1866

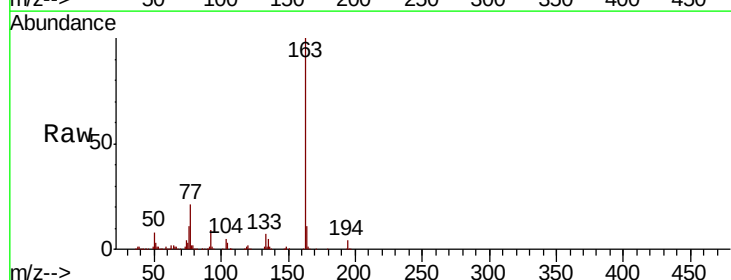
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:163 Resp: 959482

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.9	9.3	13.9

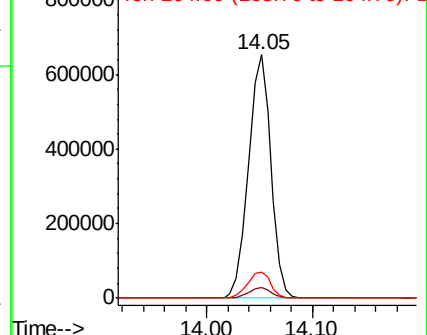
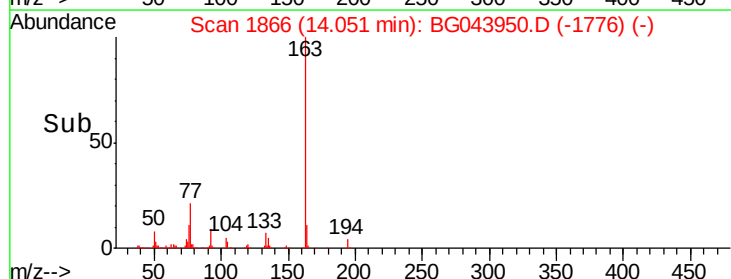


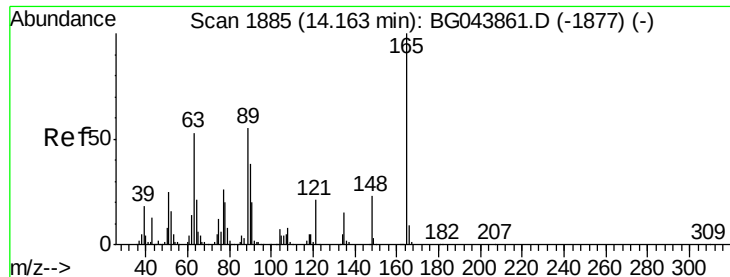
Abundance

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: 40.004 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

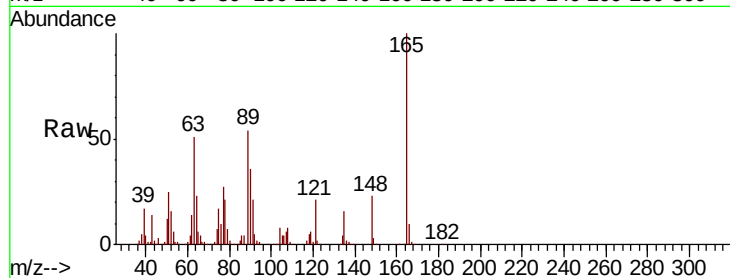
Tot Ion:165 Resp: 221973

Ion Ratio Lower Upper

165 100

63 51.3 43.1 64.7

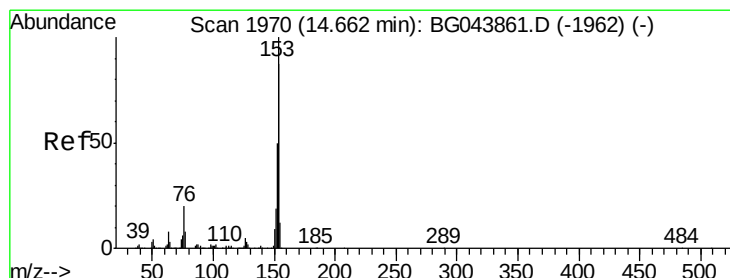
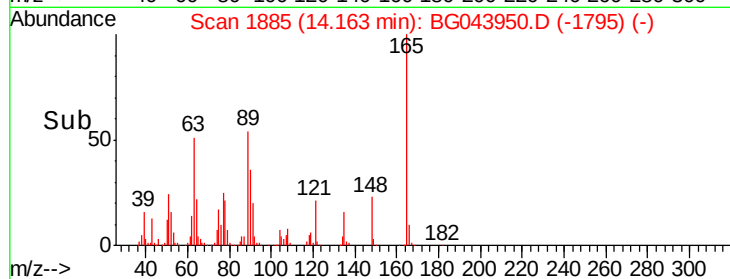
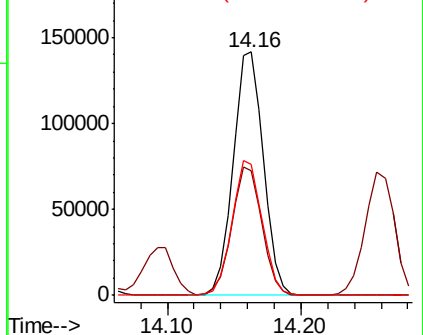
89 53.8 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 41.266 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

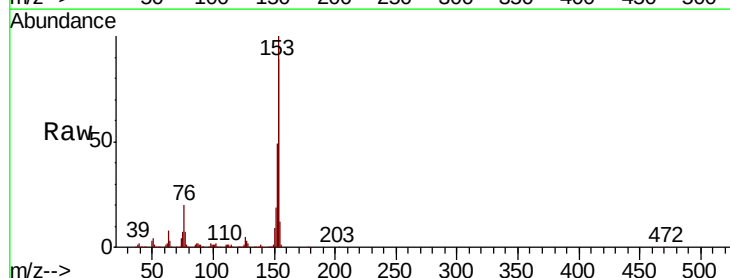
Tgt Ion:154 Resp: 833202

Ion Ratio Lower Upper

154 100

153 112.6 91.6 137.4

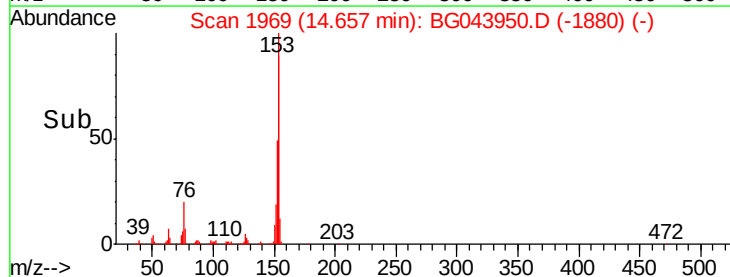
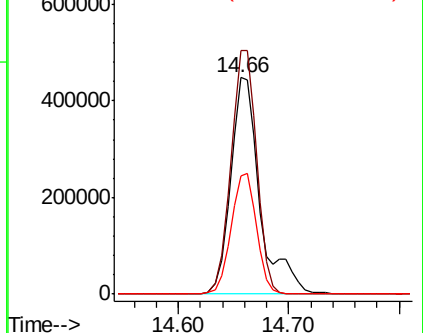
152 54.8 45.4 68.0

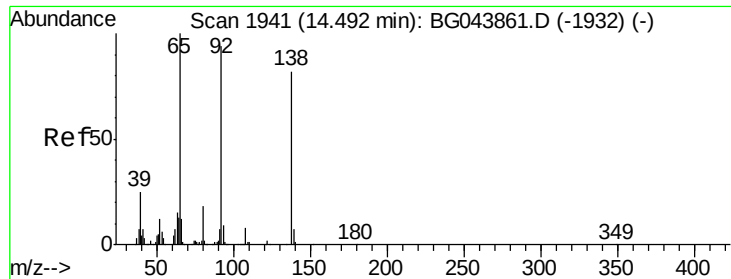


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

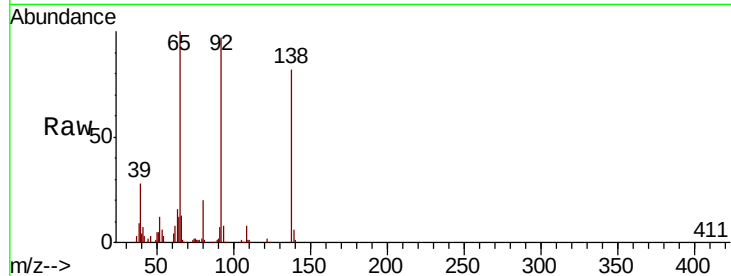




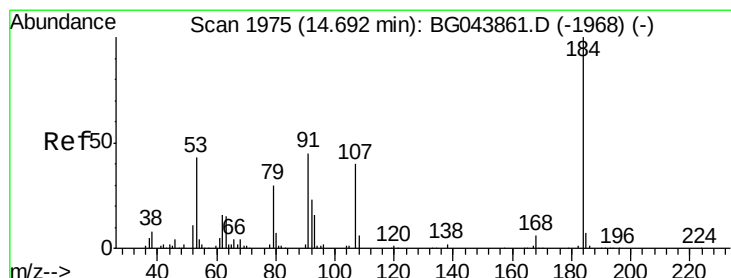
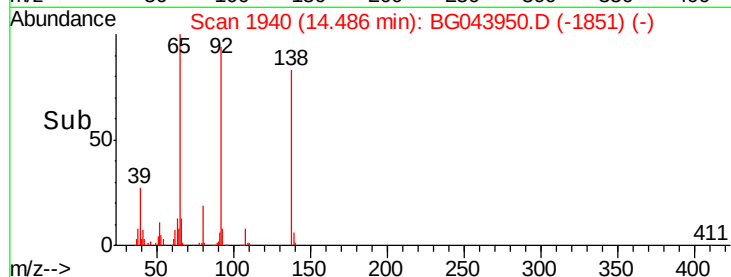
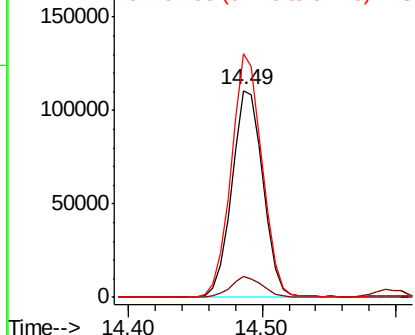
#53
 3-Nitroaniline
 Concen: 28.630 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 180402
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.4 11.2
 92 117.6 92.1 138.1

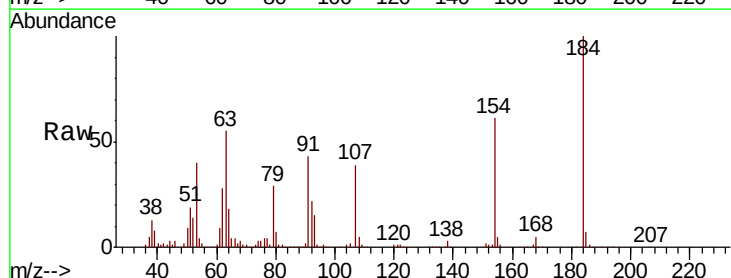


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

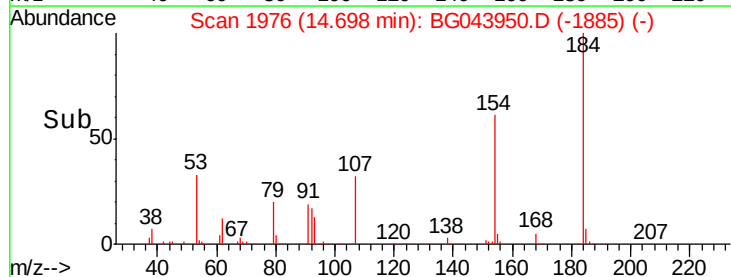
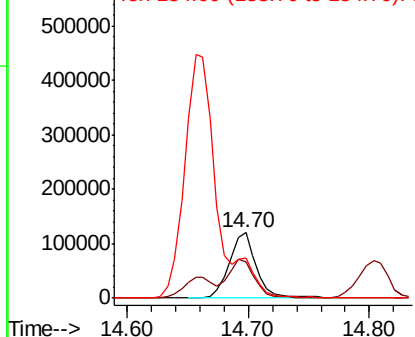


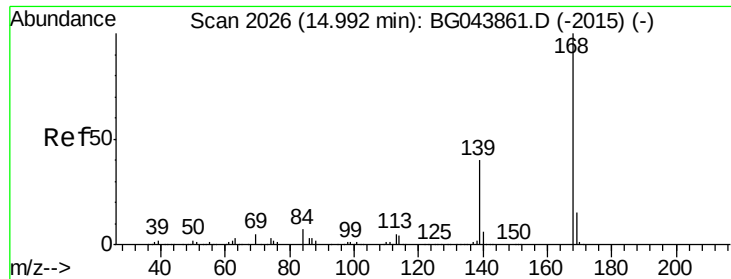
#54
 2,4-Dinitrophenol
 Concen: 67.197 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion:184 Resp: 187291
 Ion Ratio Lower Upper
 184 100
 63 54.6 46.6 70.0
 154 60.6 50.2 75.4



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

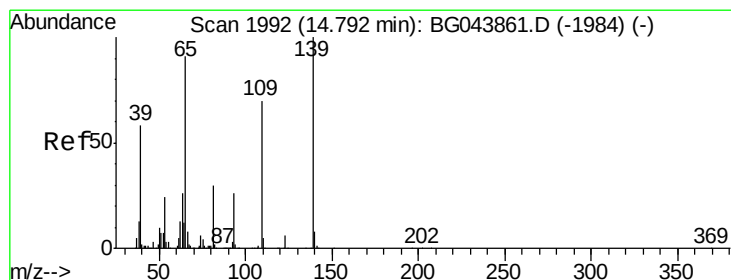
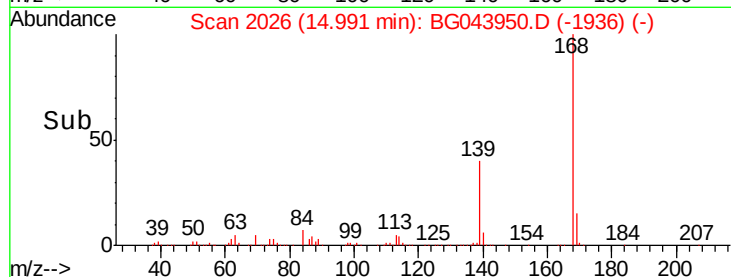
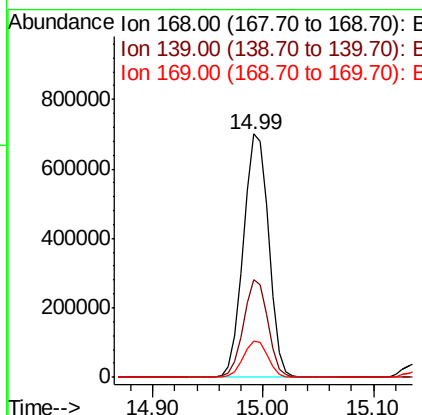
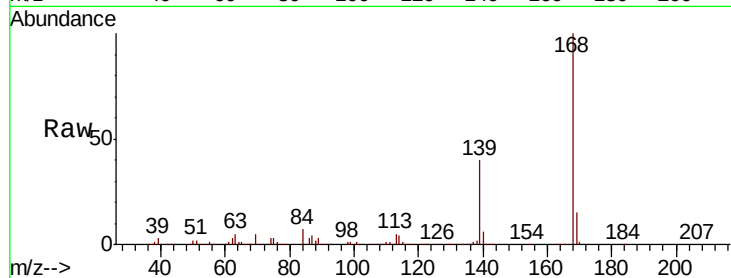




#55
Dibenzofuran
Concen: 40.607 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

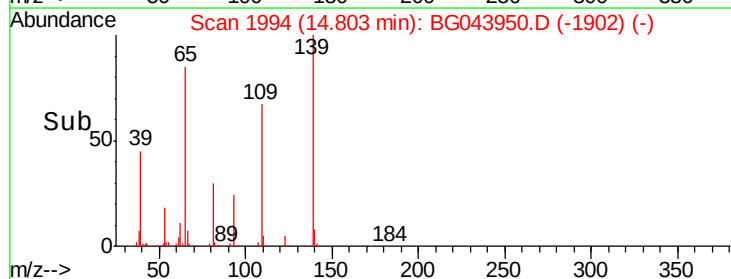
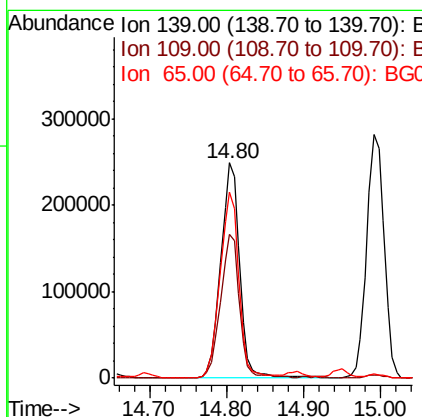
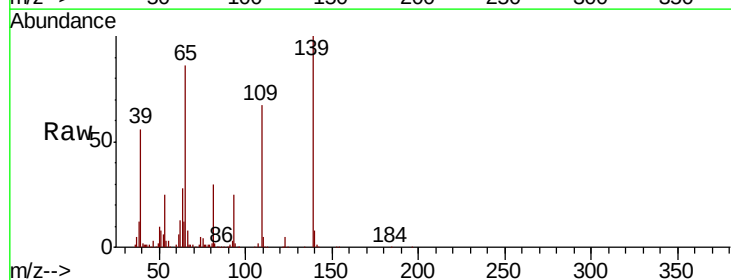
Instrument :
BNA_G
ClientSampleId :

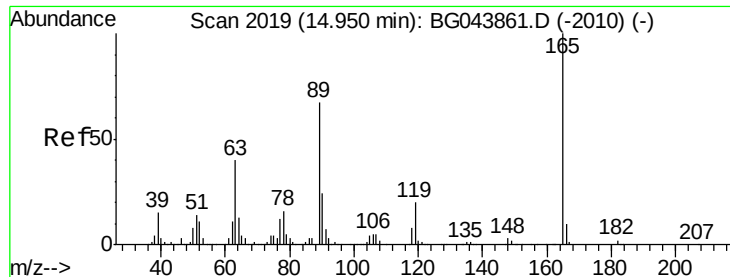
Tot Ion:168 Resp: 1128675
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 15.0 12.2 18.2



#56
4-Nitrophenol
Concen: 88.120 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:139 Resp: 425492
Ion Ratio Lower Upper
139 100
109 67.0 50.4 90.4
65 86.4 71.4 111.4

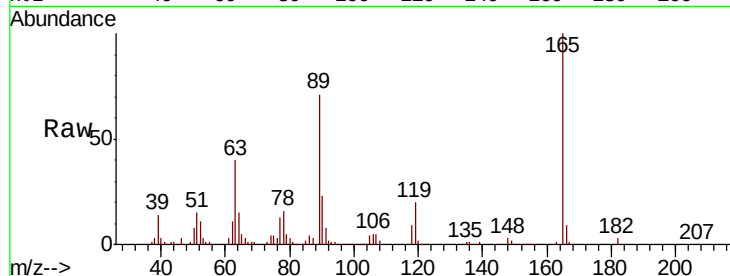




#57
2,4-Dinitrotoluene
Concen: 41.138 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	31.9	47.9
89	70.8	53.8	80.6
182	2.6	2.0	3.0



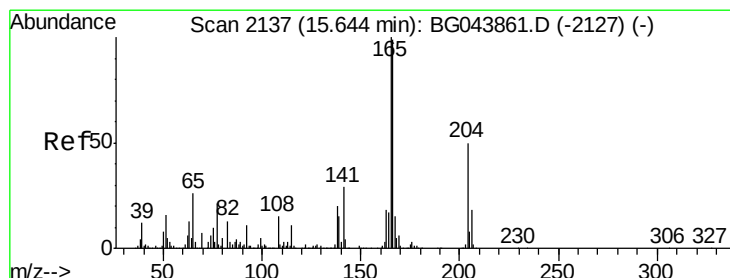
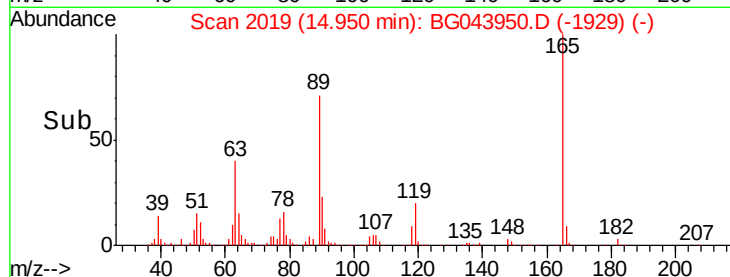
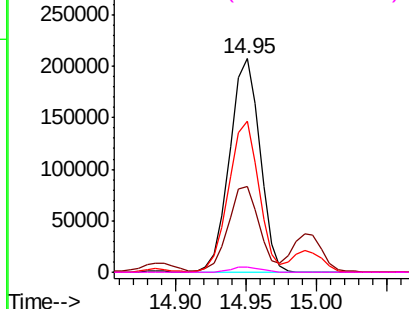
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

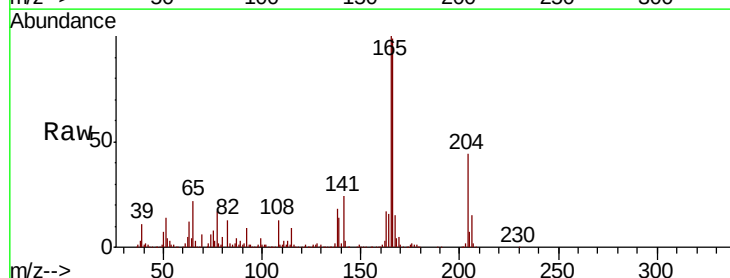
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.909 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.8	121.2
167	15.2	12.1	18.1

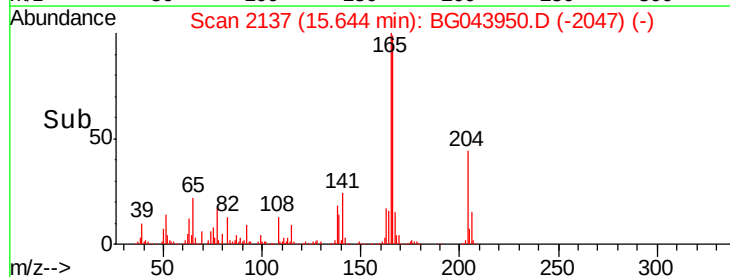
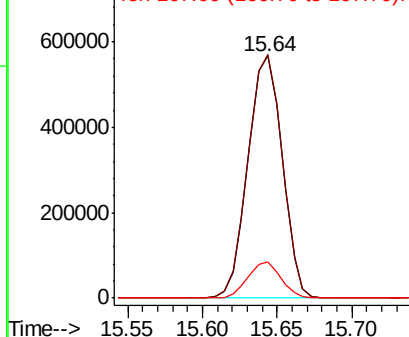


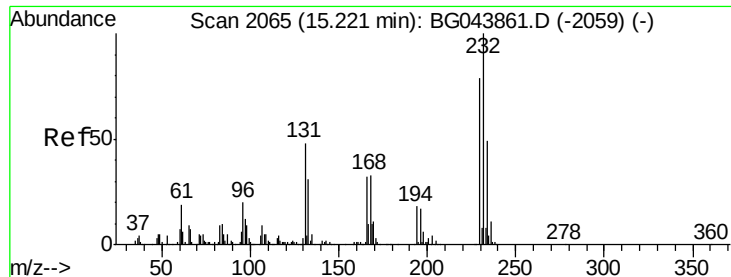
Abundance

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

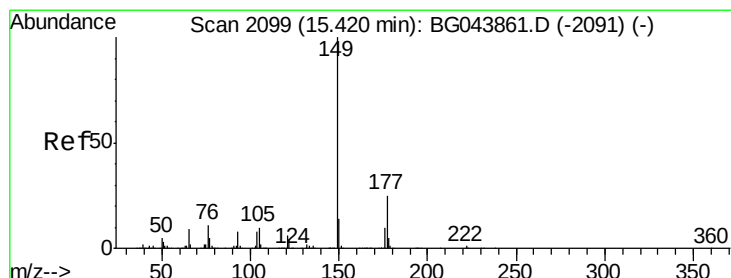
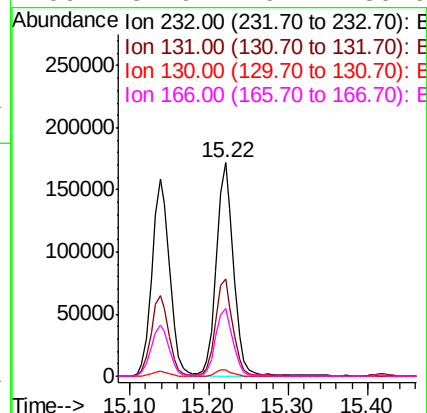
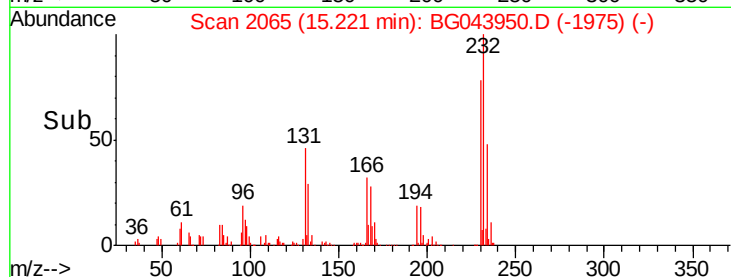
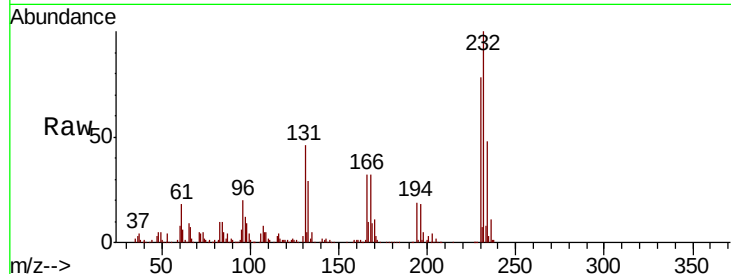




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.808 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

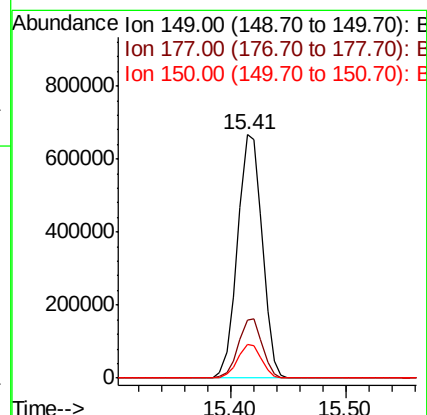
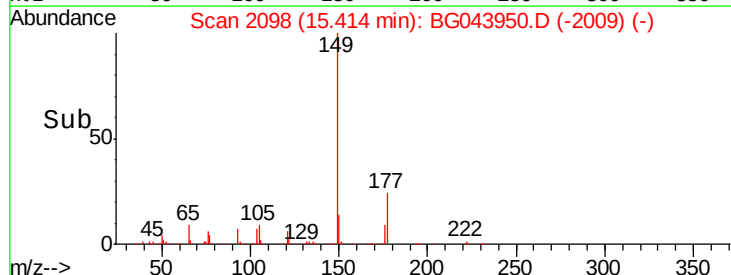
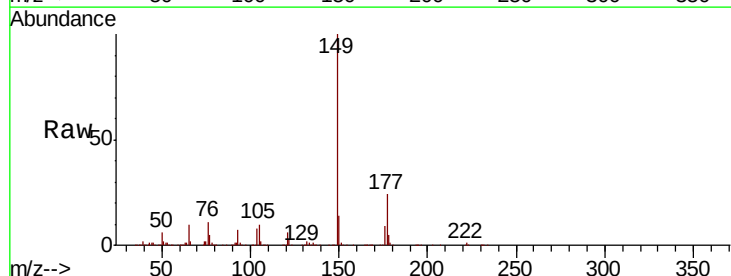
Instrument :
 BNA_G
 ClientSampleId :

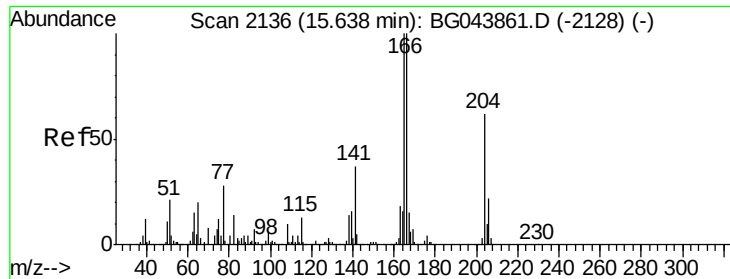
Tot Ion:	232	Resp:	258546
Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.2	57.2
130	2.9	2.2	3.2
166	31.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 40.167 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion:	149	Resp:	986263
Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.0	30.0
150	13.7	11.1	16.7

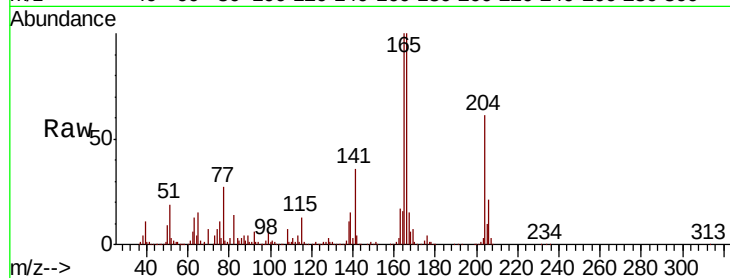




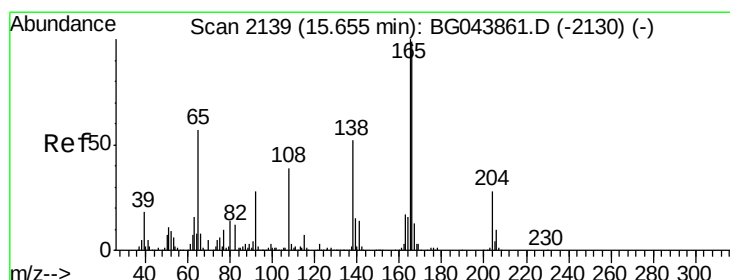
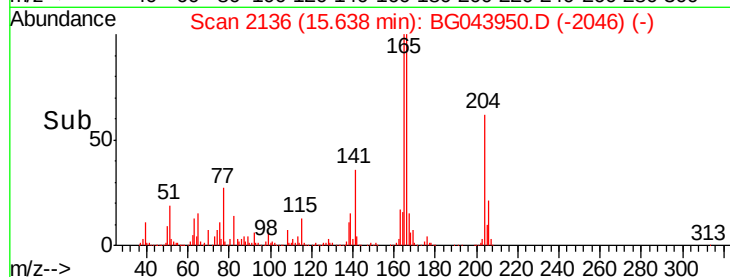
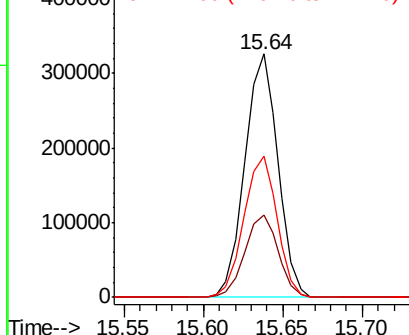
#61
4-Chlorophenyl-phenylether
Concen: 39.352 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 470750
Ion Ratio Lower Upper
204 100
206 34.0 28.2 42.2
141 58.2 48.2 72.2

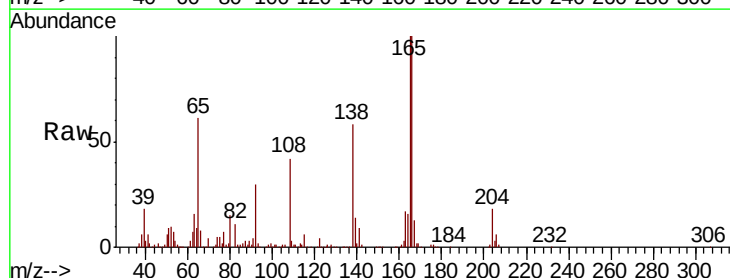


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

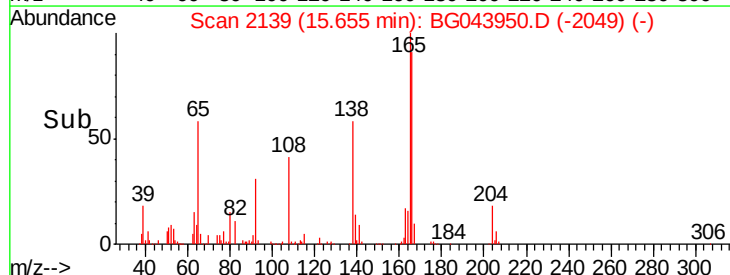
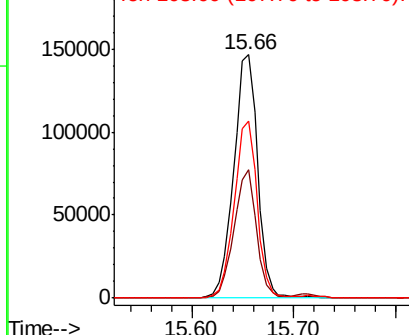


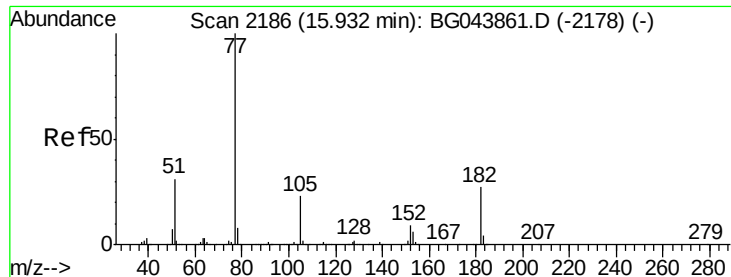
#62
4-Nitroaniline
Concen: 38.571 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:138 Resp: 240005
Ion Ratio Lower Upper
138 100
92 52.5 34.3 74.3
108 72.5 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: 40.707 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 926962

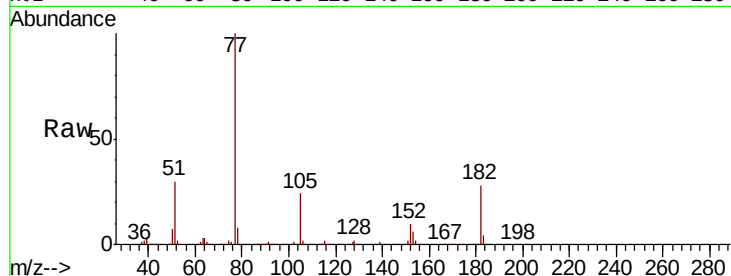
Ion Ratio Lower Upper

77 100

182 28.2 7.3 47.3

105 23.8 3.2 43.2

51 30.3 10.6 50.6

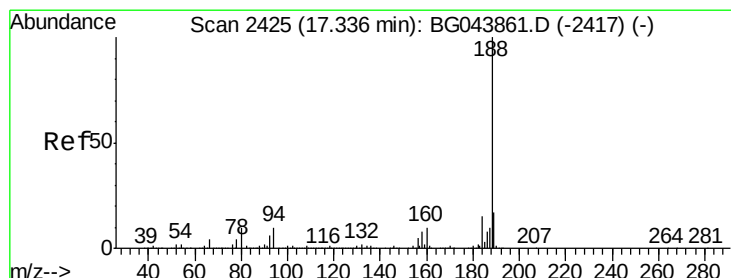
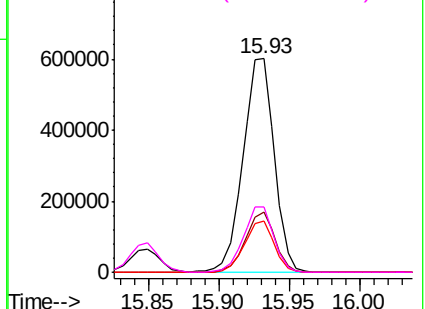
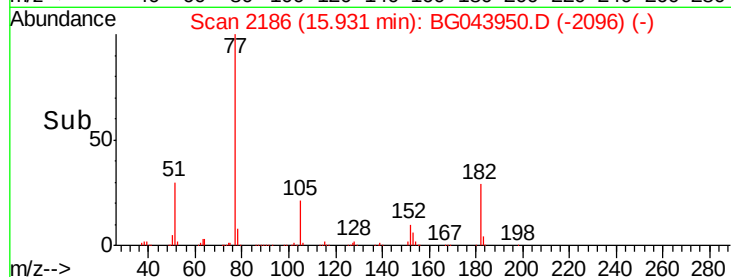


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

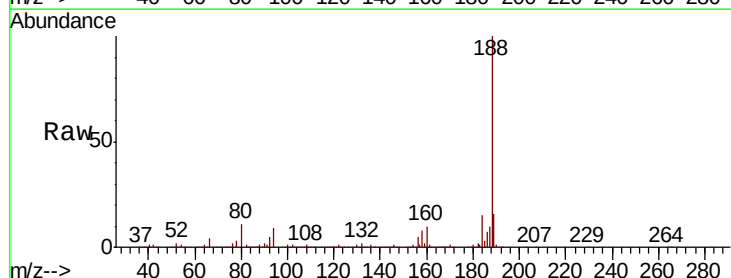
Tgt Ion: 188 Resp: 748202

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

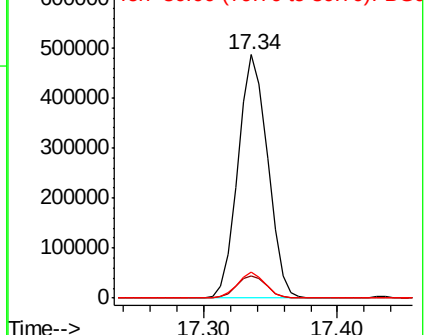
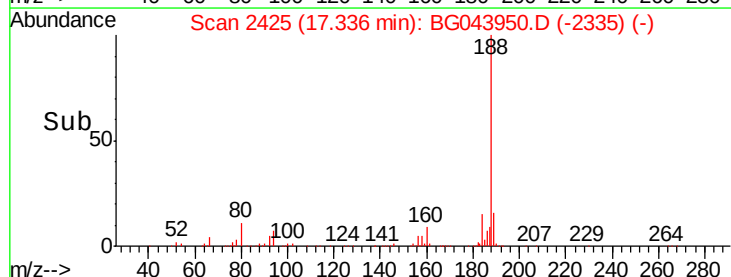
80 10.8 8.2 12.4

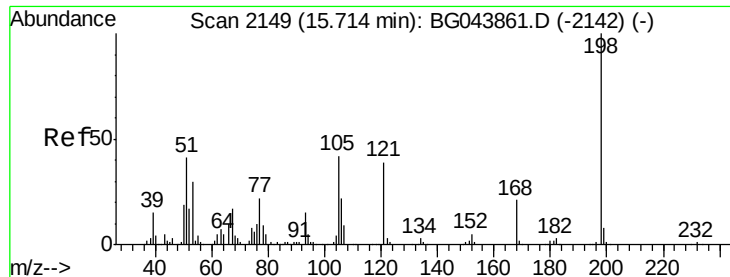


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

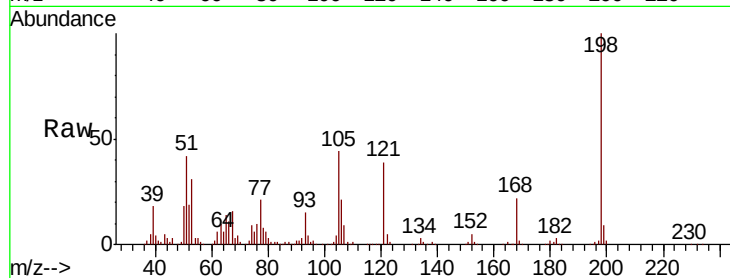




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.615 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	22.5	62.5
105	43.9	22.3	62.3

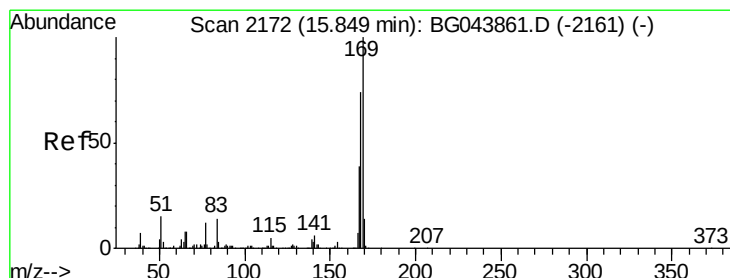
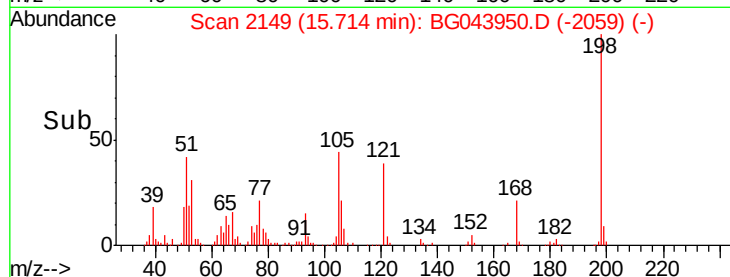
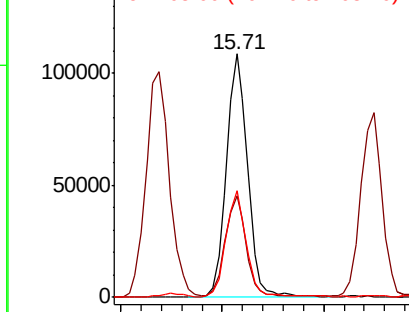


Abundance

Ion 198.00 (197.70 to 198.70): E

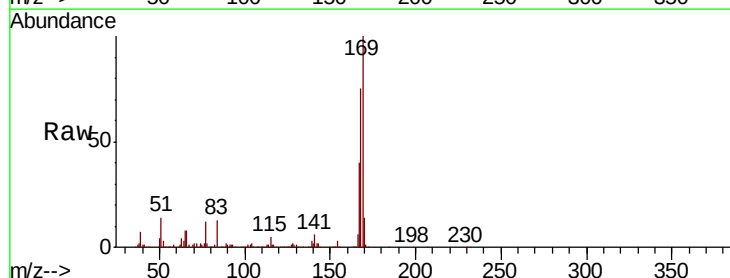
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 38.692 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.8	59.0	88.6
167	40.3	31.4	47.0

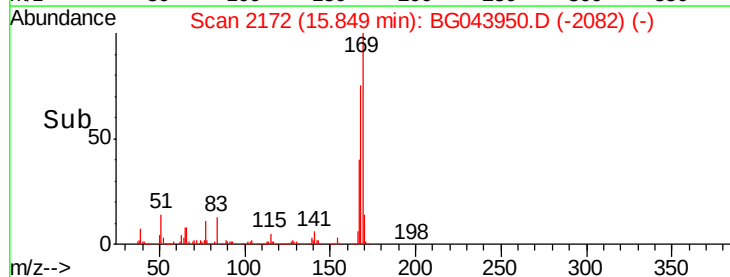
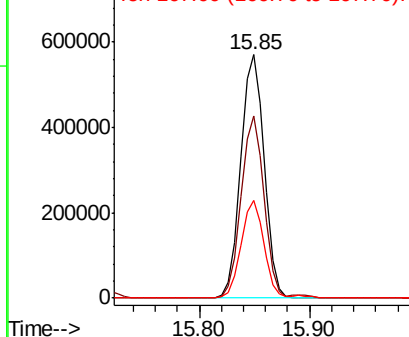


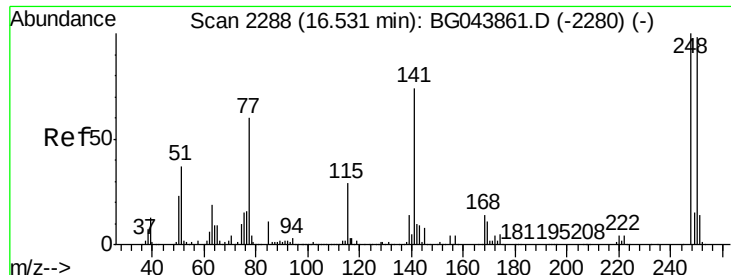
Abundance

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

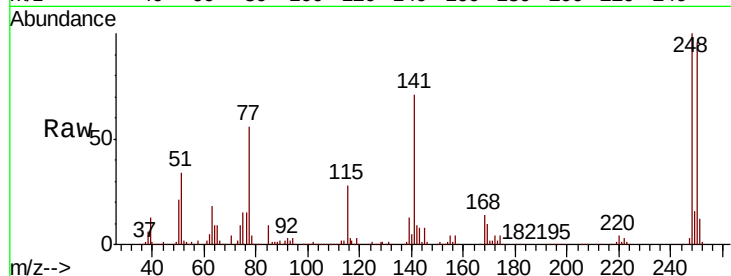




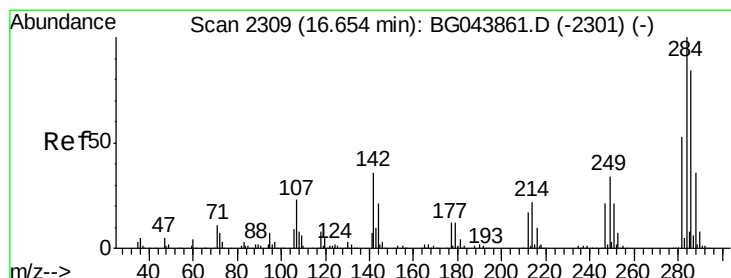
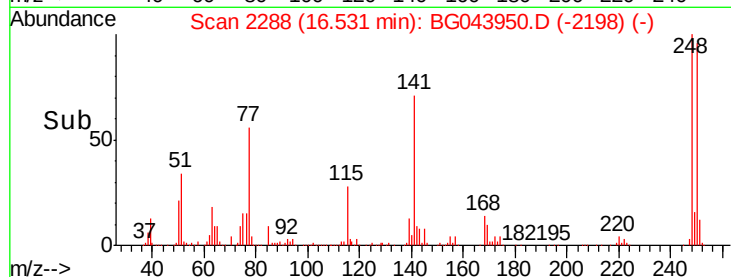
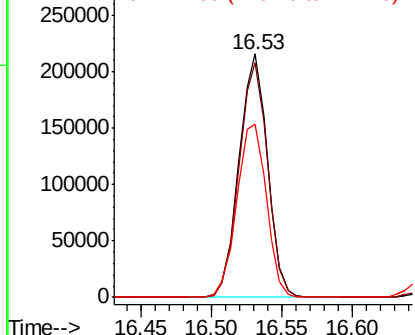
#67
4-Bromophenyl-phenylether
Concen: 36.063 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 303466
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.2
141 71.3 59.3 88.9

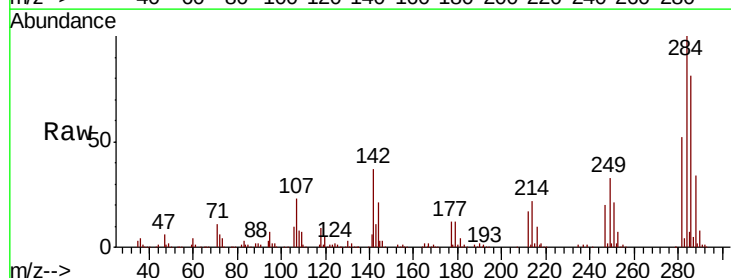


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

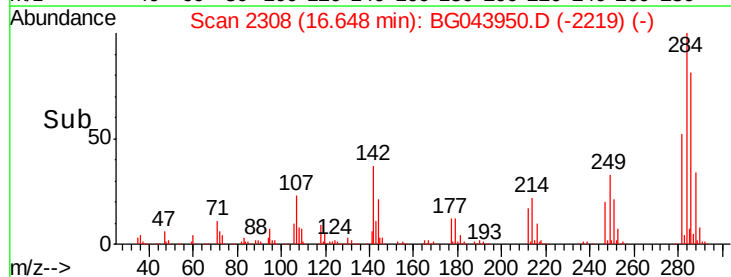
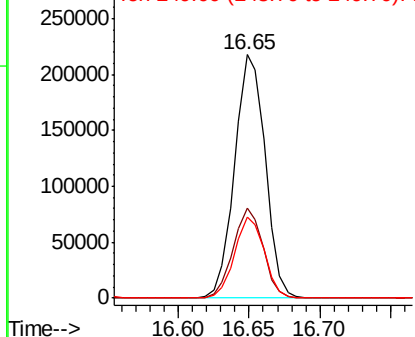


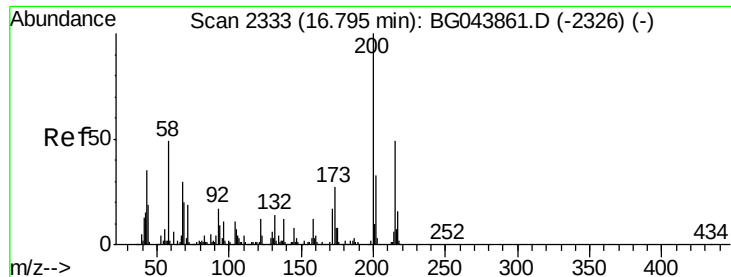
#68
Hexachlorobenzene
Concen: 36.197 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:284 Resp: 328209
Ion Ratio Lower Upper
284 100
142 37.1 28.6 43.0
249 33.2 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: 44.589 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

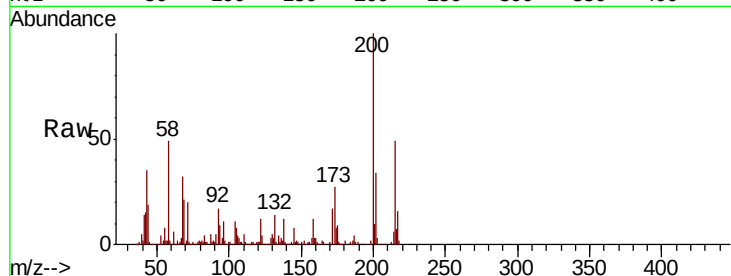
Tot Ion:200 Resp: 319350

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

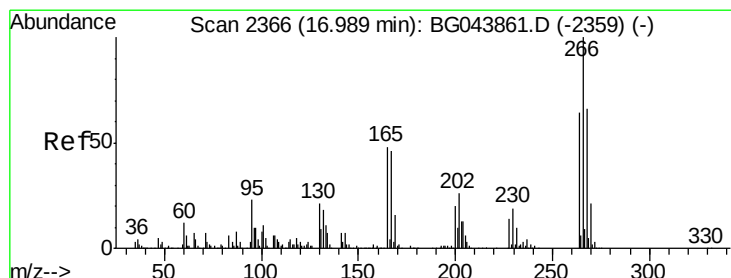
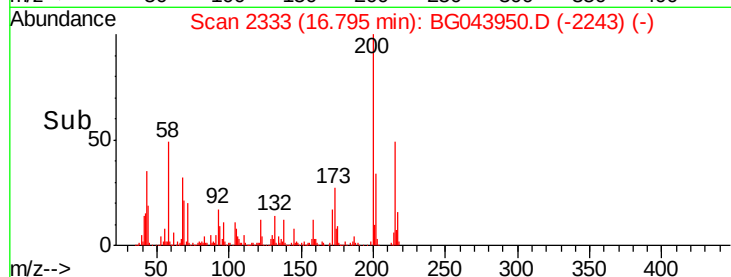
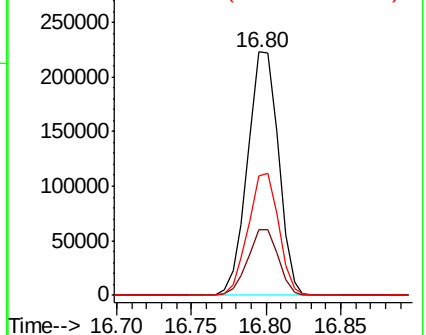
215 49.2 28.6 68.6



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: 70.436 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

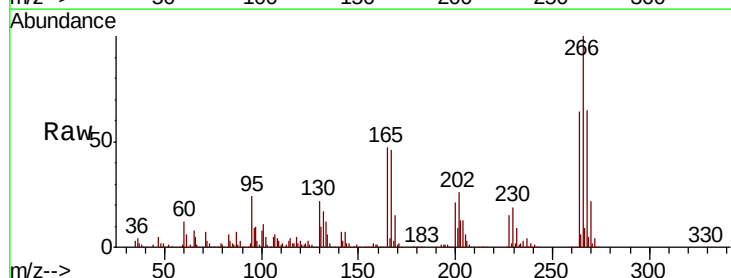
Tgt Ion:266 Resp: 352067

Ion Ratio Lower Upper

266 100

268 64.8 52.6 79.0

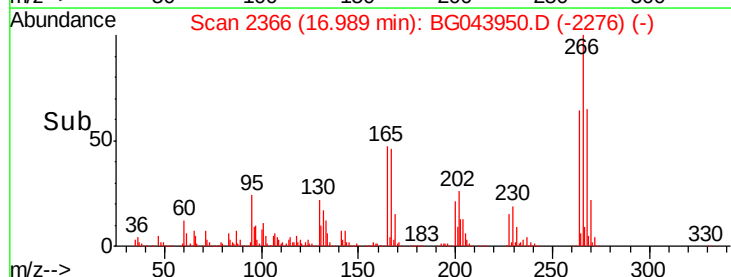
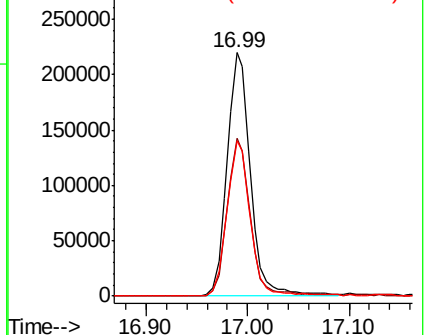
264 63.9 50.8 76.2

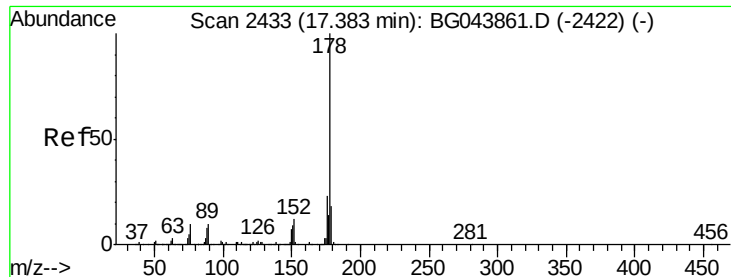


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.749 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

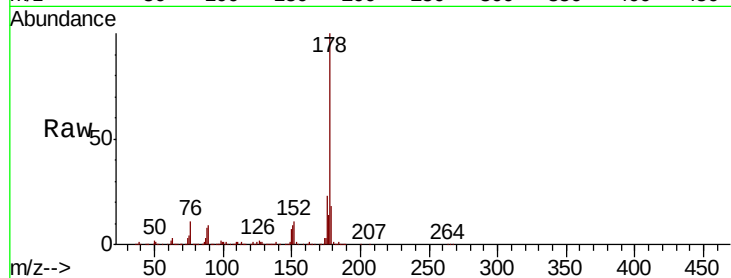
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1426481

Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.6	28.0
179	18.3	14.4	21.6

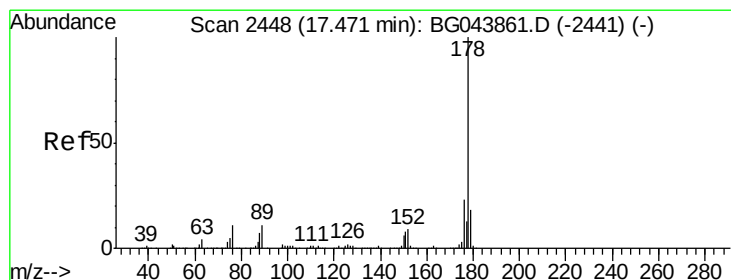
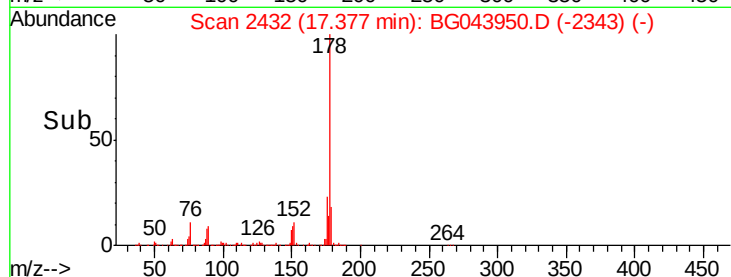
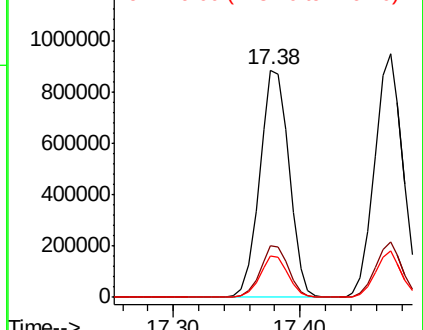


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.309 ng

RT: 17.47 min Scan# 2448

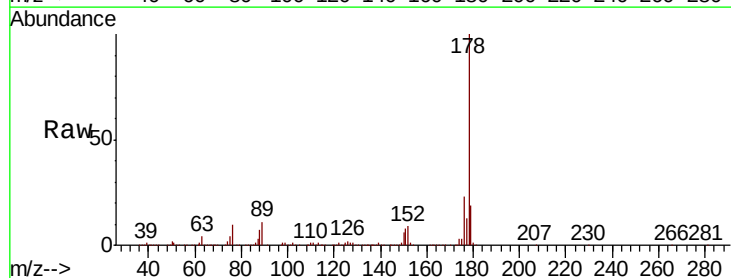
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:178 Resp: 1465128

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.3	27.5
179	18.9	14.6	22.0

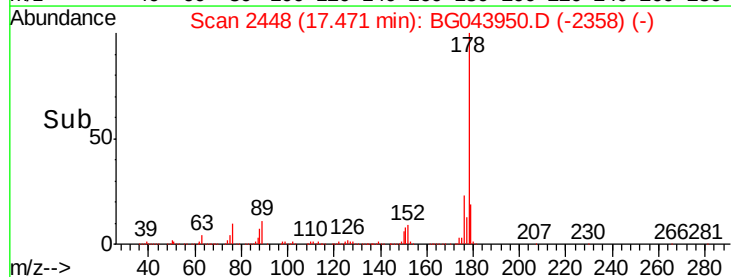
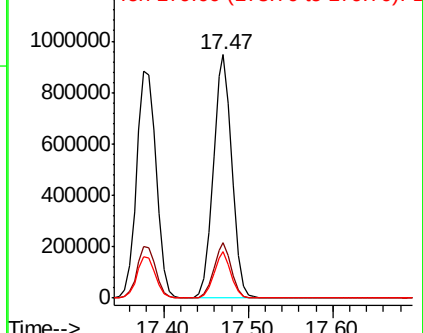


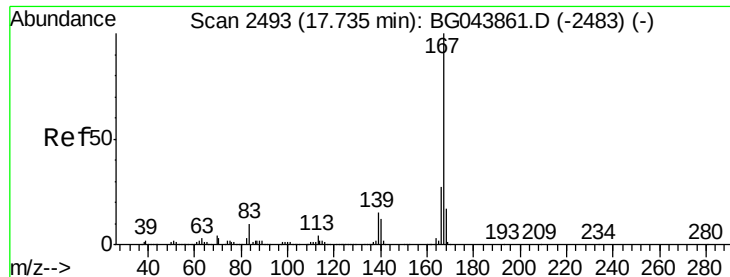
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

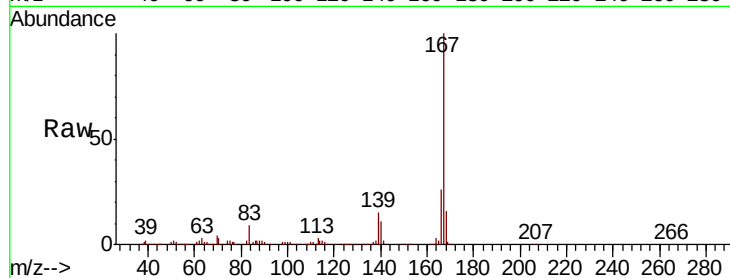




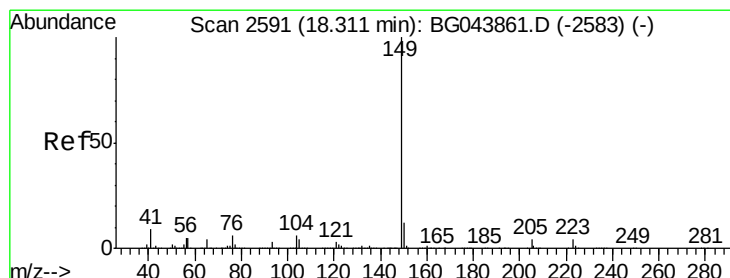
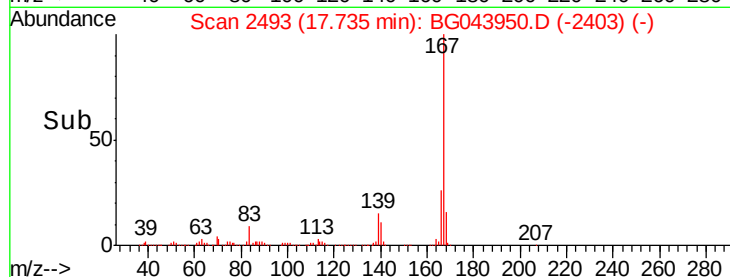
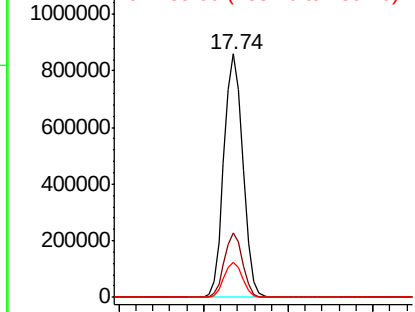
#73
 Carbazole
 Concen: 40.907 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1340188
 Ion Ratio Lower Upper
 167 100
 166 26.3 21.6 32.4
 139 14.6 12.1 18.1

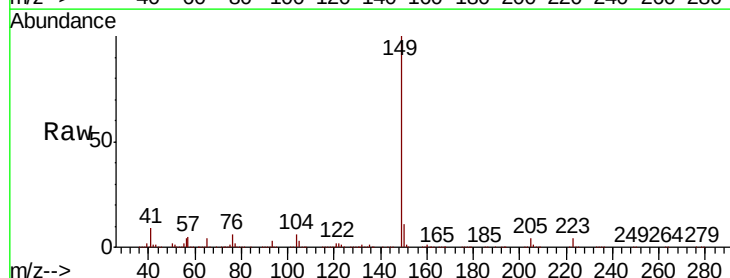


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

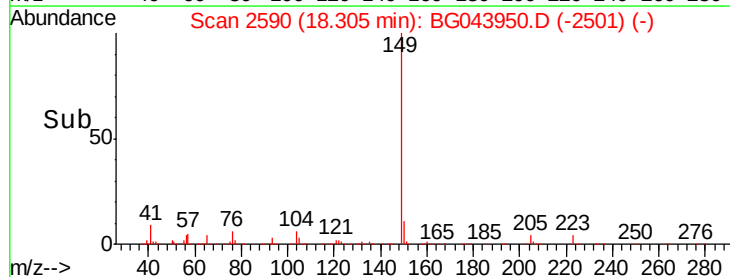
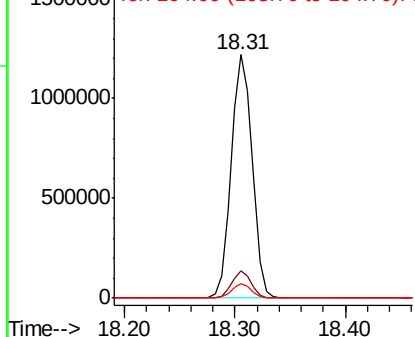


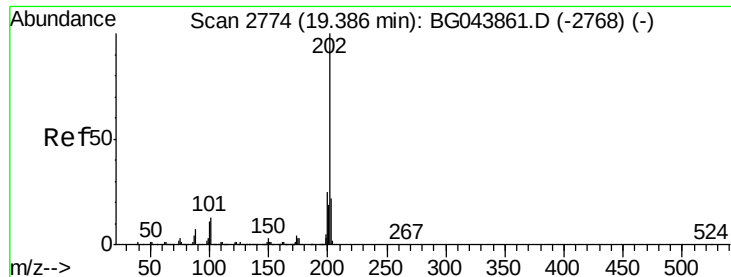
#74
 Di-n-butylphthalate
 Concen: 38.871 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion:149 Resp: 1625922
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 6.2 5.0 7.4



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





#75

Fluoranthene

Concen: 39.502 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

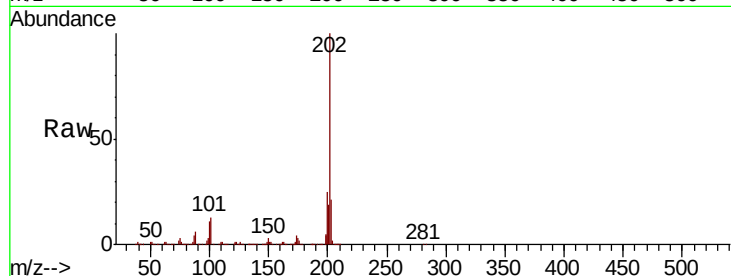
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1621277

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.3
203	21.0	1.6	41.6

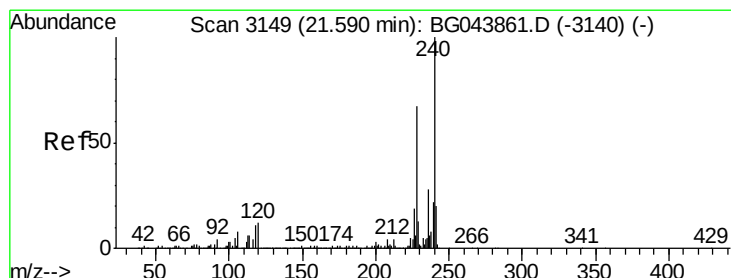
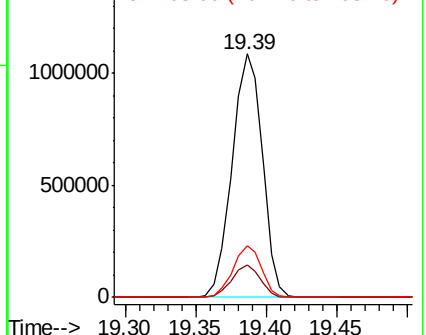
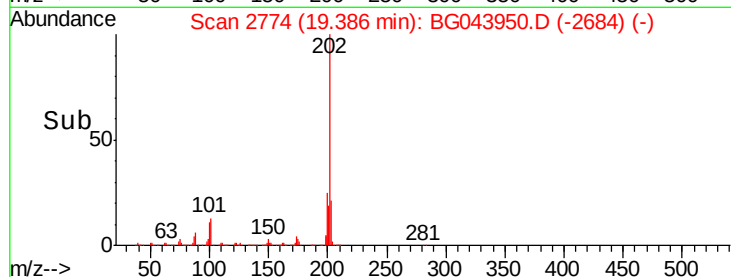


Abundance

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# 3149

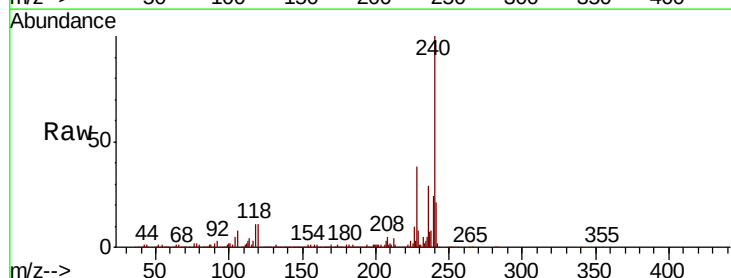
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:240 Resp: 630019

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	29.2	22.2	33.2

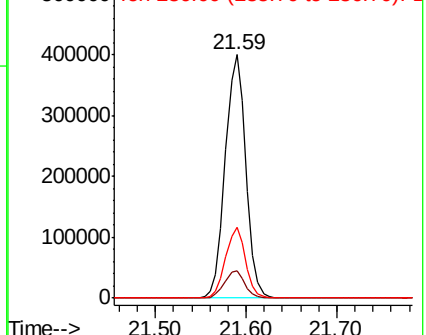
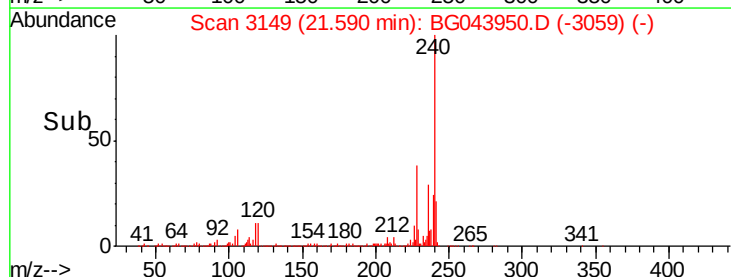


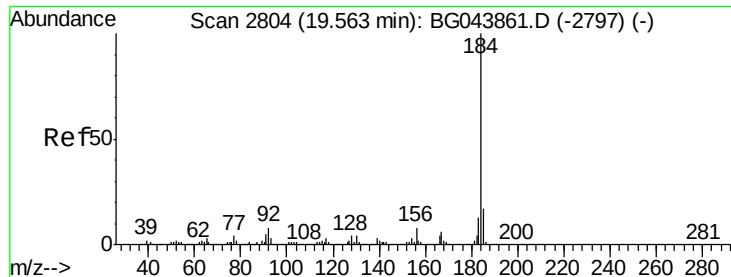
Abundance

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

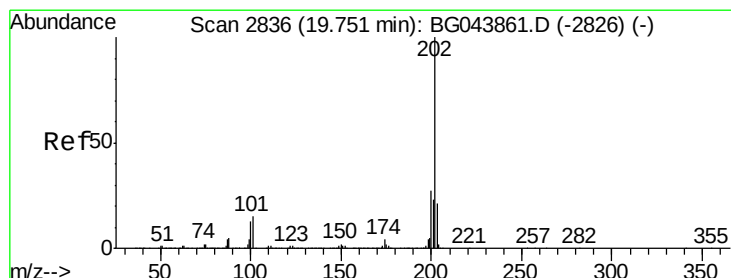
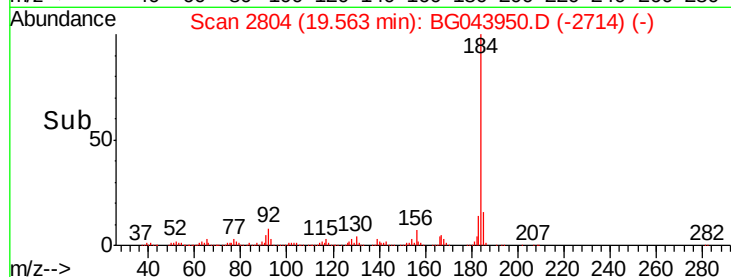
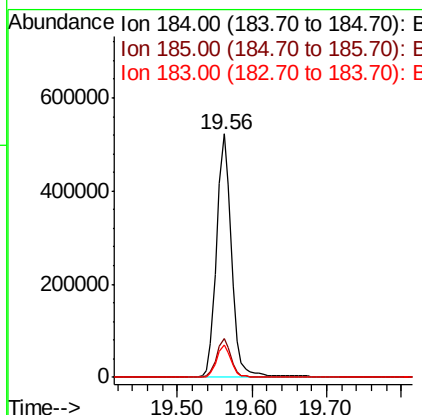
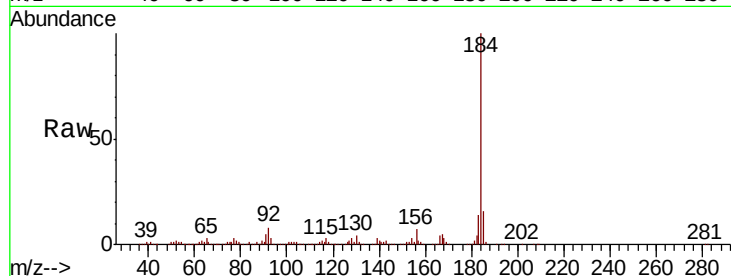




#77
Benzidine
Concen: 46.019 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

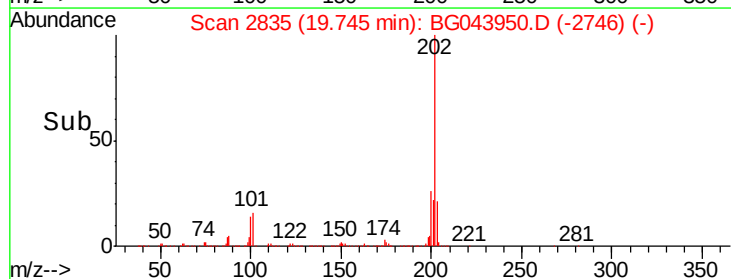
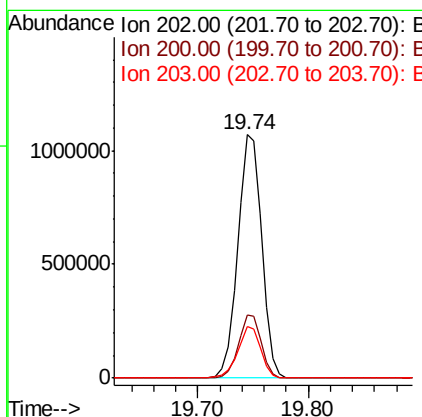
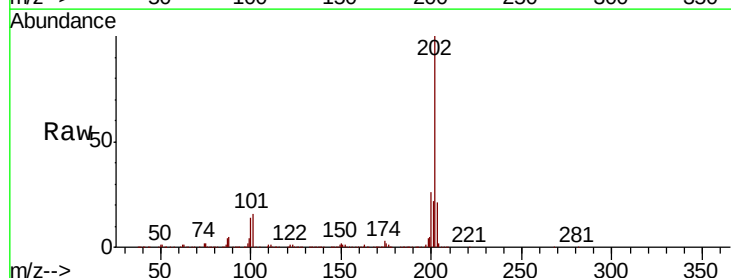
Instrument :
BNA_G
ClientSampleId :

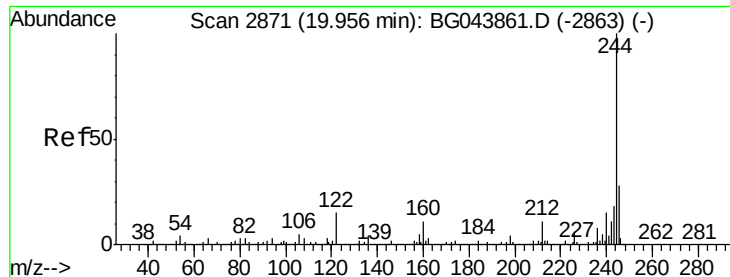
Tot Ion:184 Resp: 728759
Ion Ratio Lower Upper
184 100
185 16.0 13.4 20.0
183 13.5 10.6 15.8



#78
Pyrene
Concen: 39.513 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:202 Resp: 1624945
Ion Ratio Lower Upper
202 100
200 25.8 21.7 32.5
203 21.1 17.0 25.6



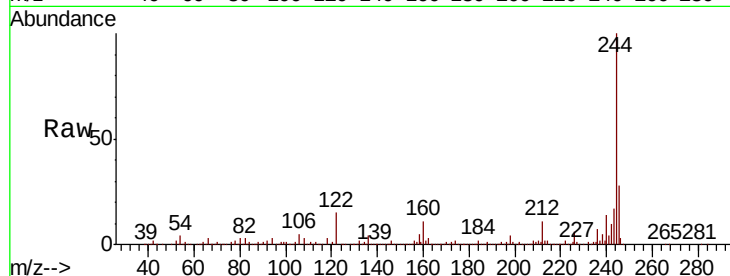


#79
 Terphenyl-d14
 Concen: 76.869 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

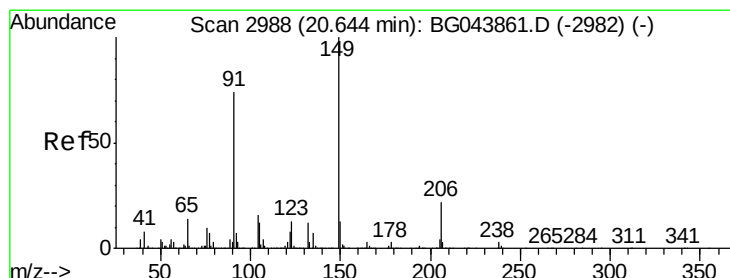
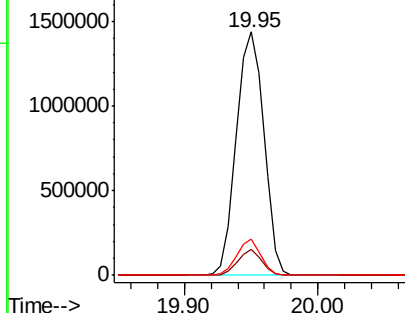
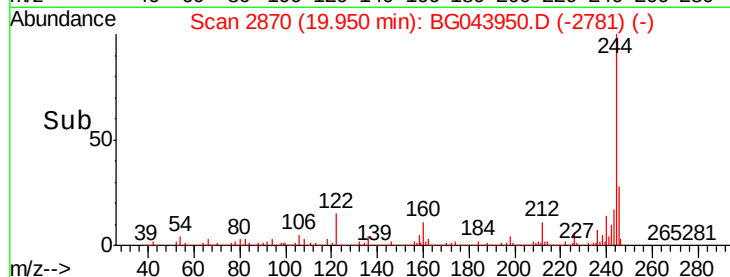
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2061464

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.6	13.0
122	14.9	11.9	17.9



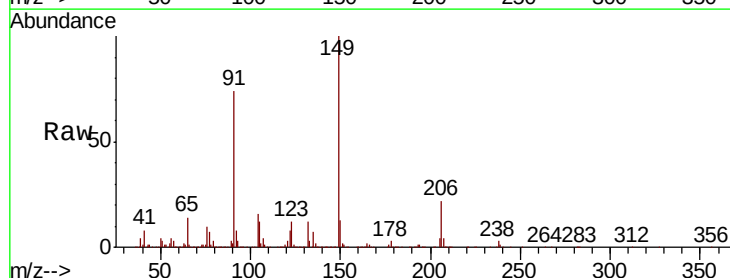
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



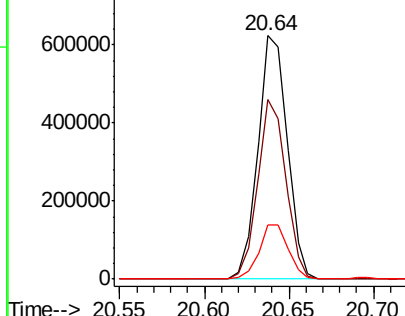
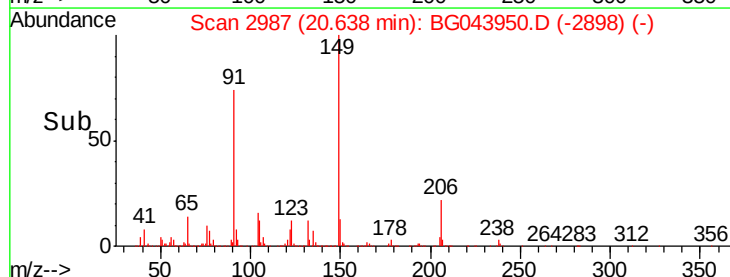
#80
 Butylbenzylphthalate
 Concen: 38.632 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

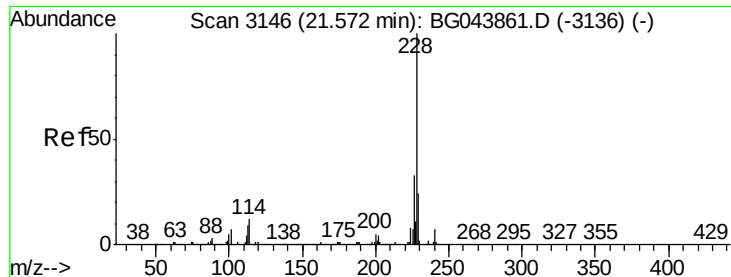
Tgt Ion:149 Resp: 756373

Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.5	89.3
206	22.1	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: 40.126 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

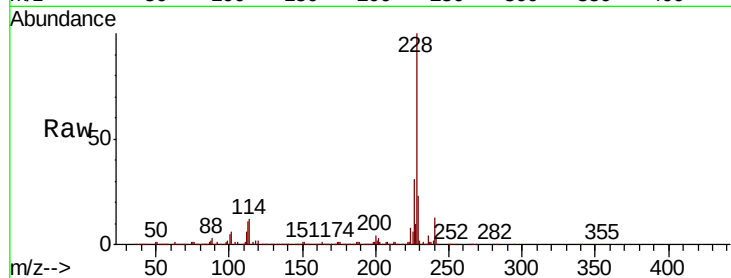
Tot Ion:228 Resp: 1567548

Ion Ratio Lower Upper

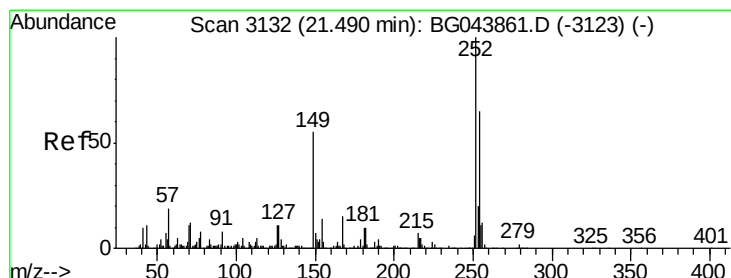
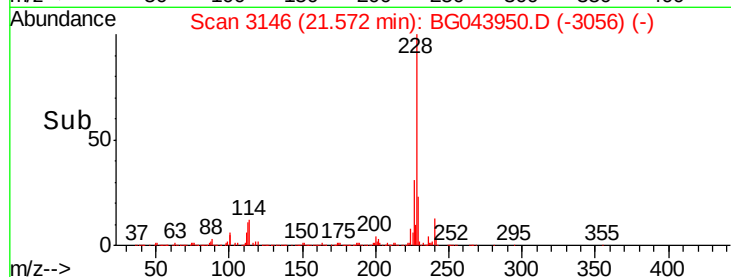
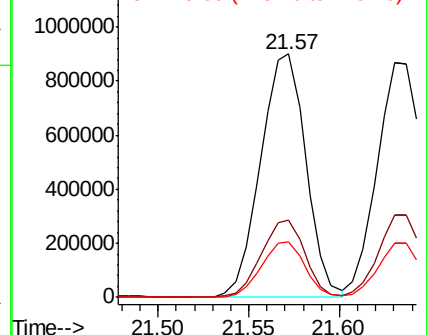
228 100

226 31.5 26.2 39.4

229 23.0 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: 31.932 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

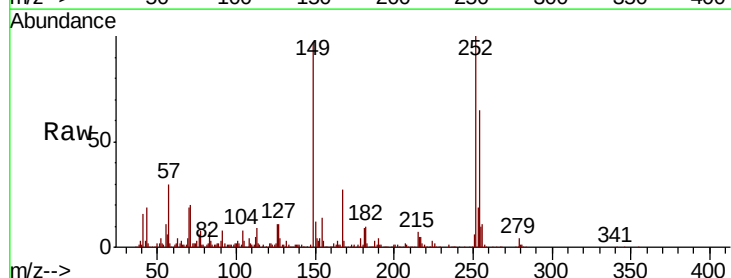
Tgt Ion:252 Resp: 492835

Ion Ratio Lower Upper

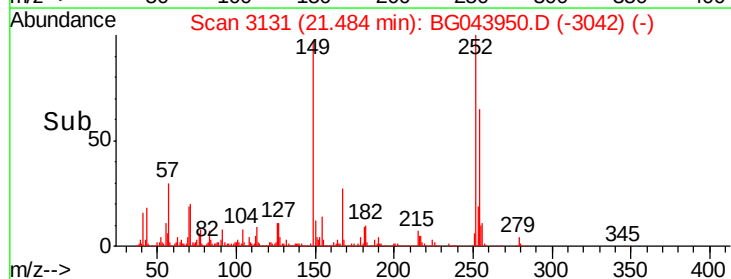
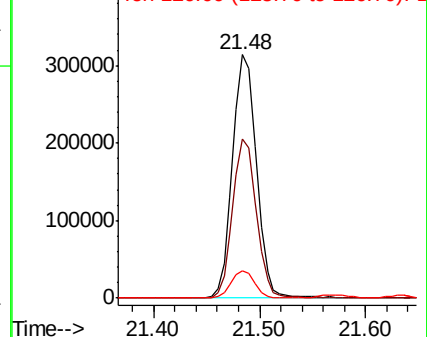
252 100

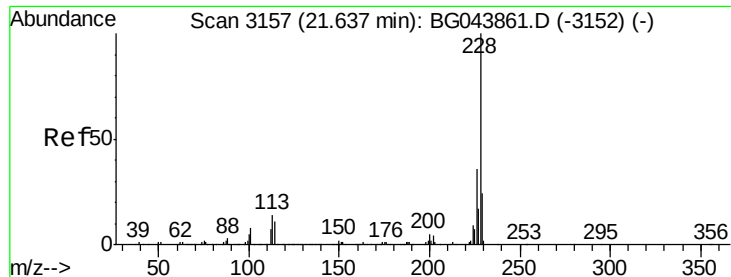
254 65.3 52.1 78.1

126 11.2 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: 40.361 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

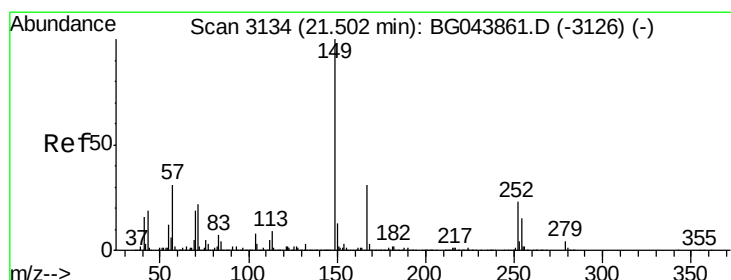
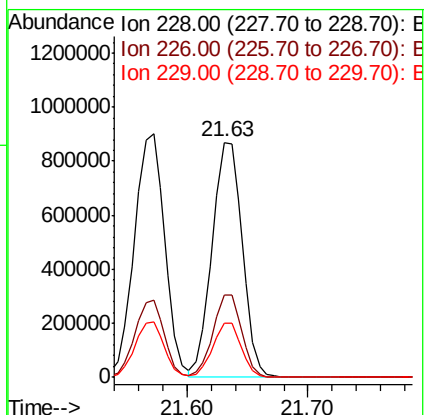
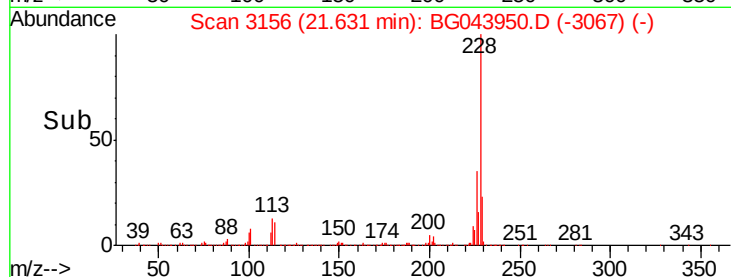
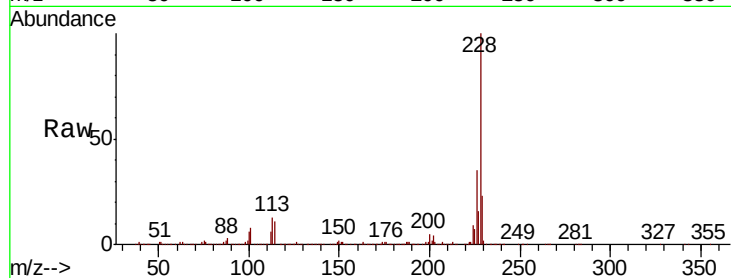
Tot Ion:228 Resp: 1498196

Ion Ratio Lower Upper

228 100

226 35.2 28.8 43.2

229 22.9 19.0 28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.882 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

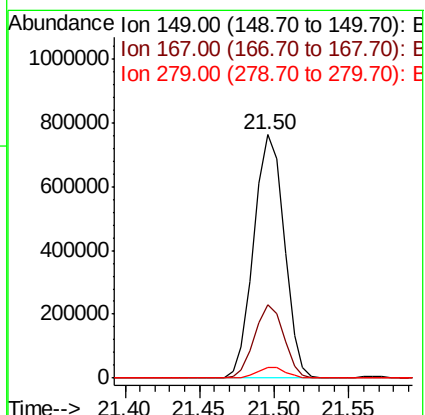
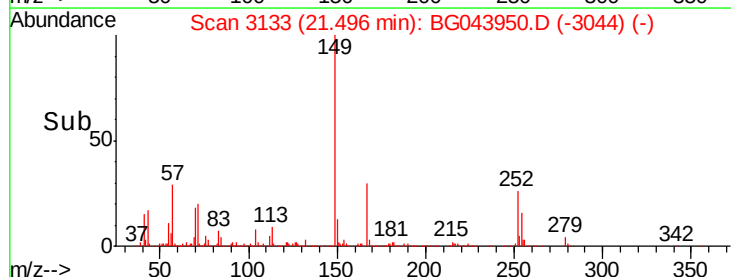
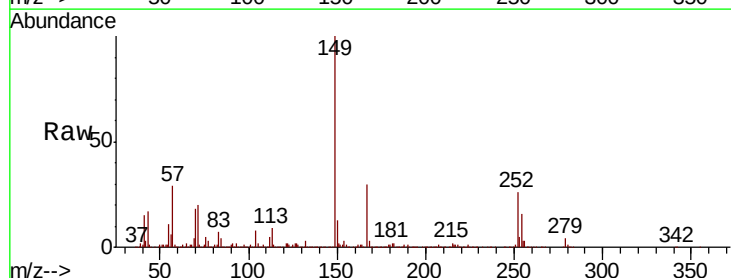
Tgt Ion:149 Resp: 1077412

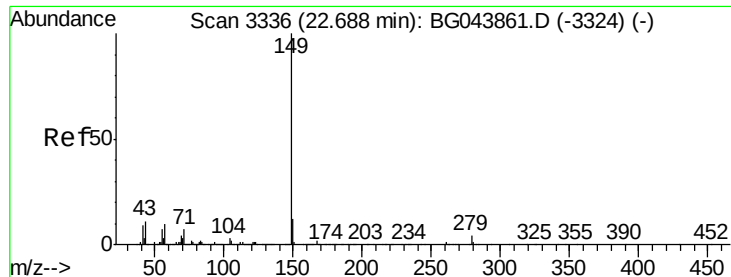
Ion Ratio Lower Upper

149 100

167 30.0 24.7 37.1

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.771 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

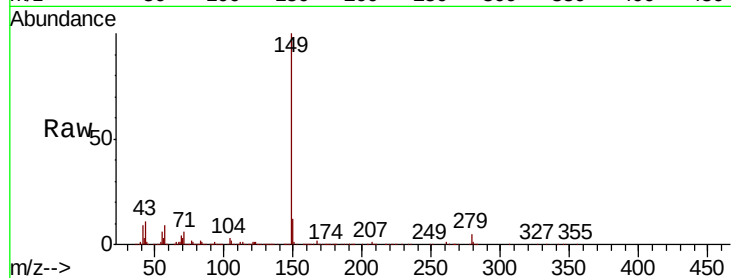
Tot Ion:149 Resp: 1851646

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

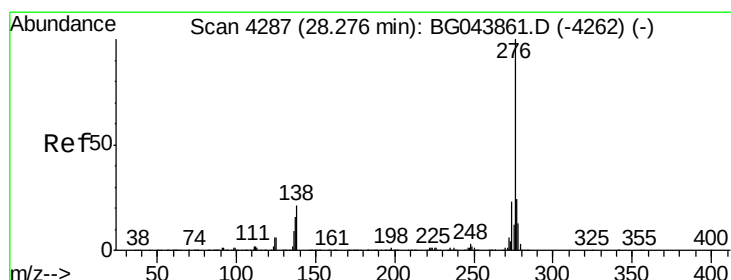
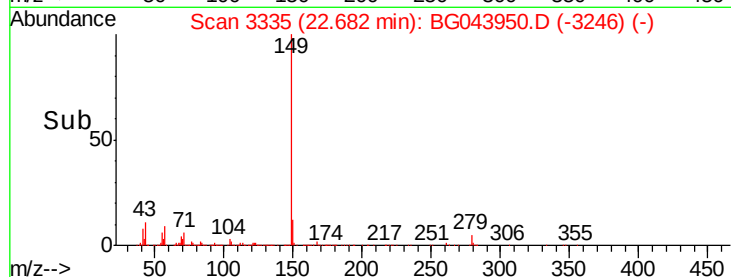
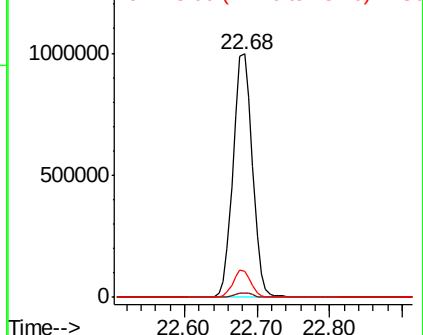
43 10.3 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.504 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

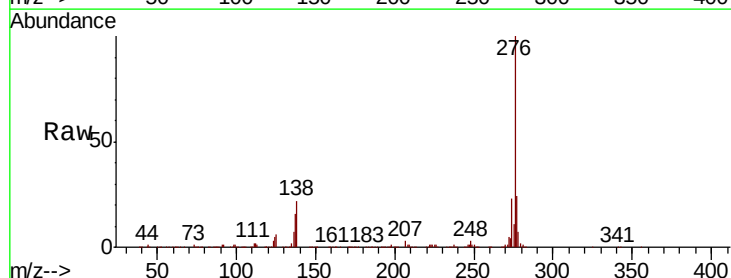
Tgt Ion:276 Resp: 1891944

Ion Ratio Lower Upper

276 100

138 25.4 21.0 31.4

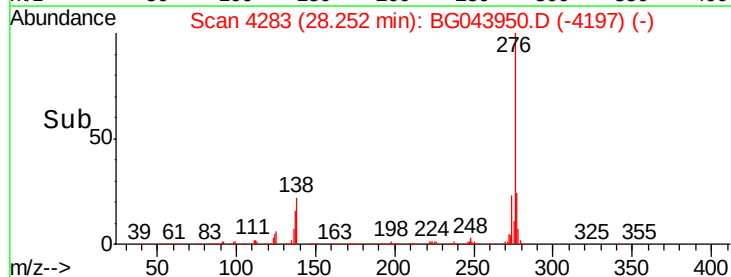
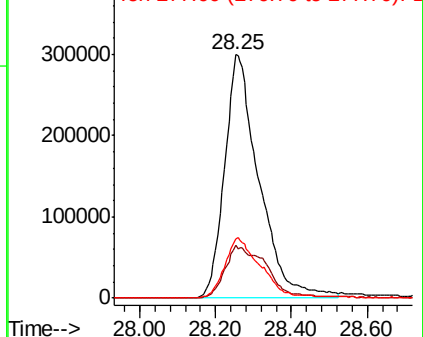
277 25.7 21.1 31.7

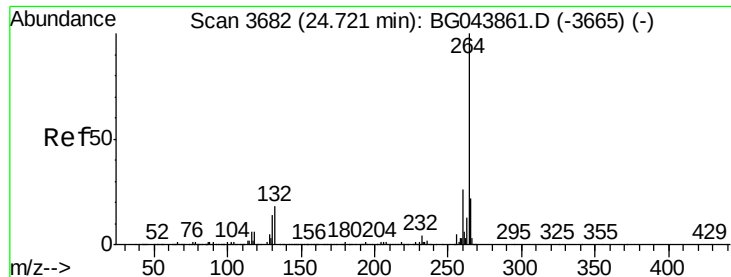


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

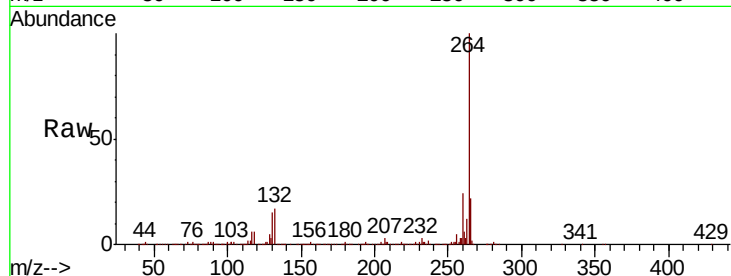
Tot Ion:264 Resp: 702457

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

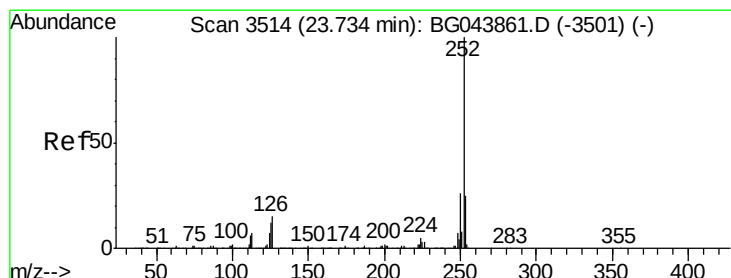
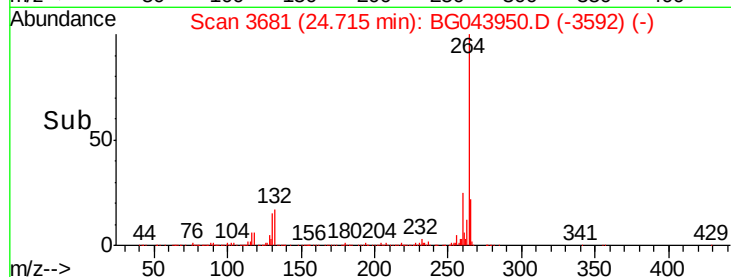
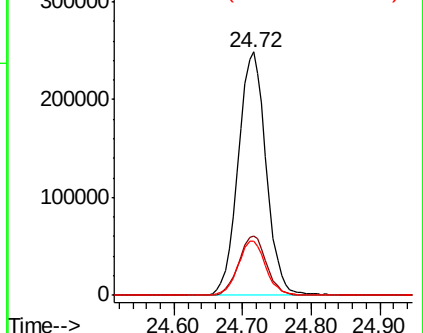
265 22.2 17.4 26.2



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: 39.410 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

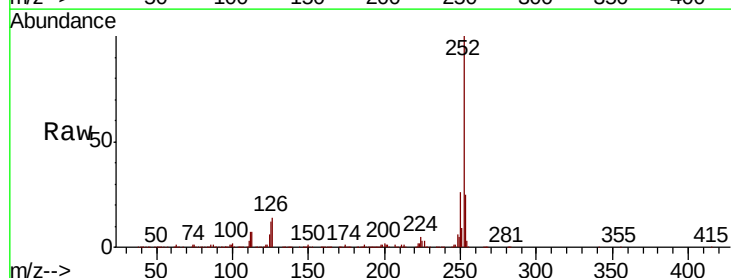
Tgt Ion:252 Resp: 1636616

Ion Ratio Lower Upper

252 100

253 24.6 19.7 29.5

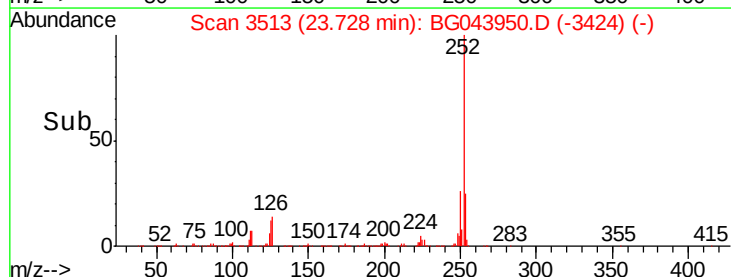
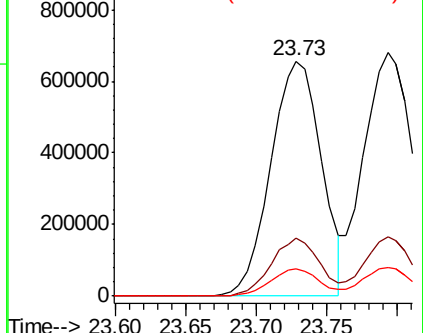
125 11.5 9.4 14.2

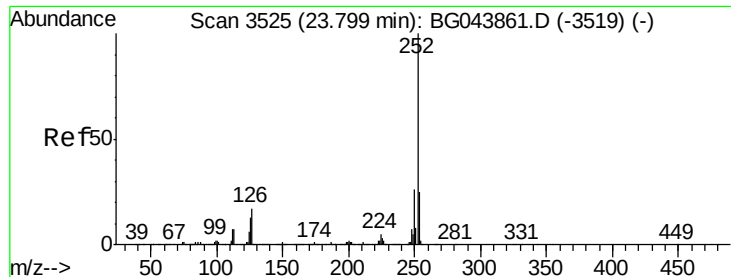


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

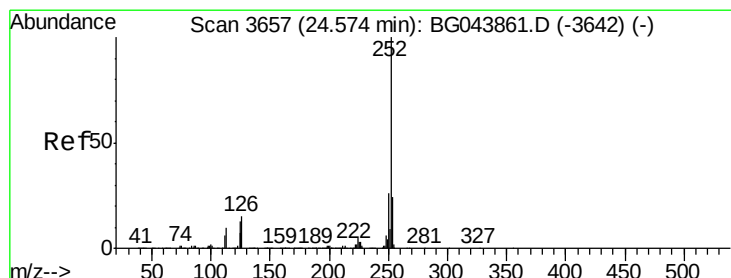
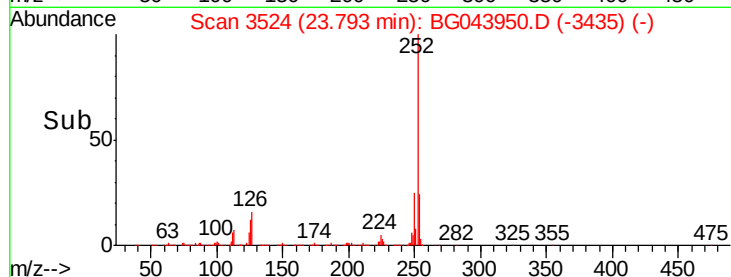
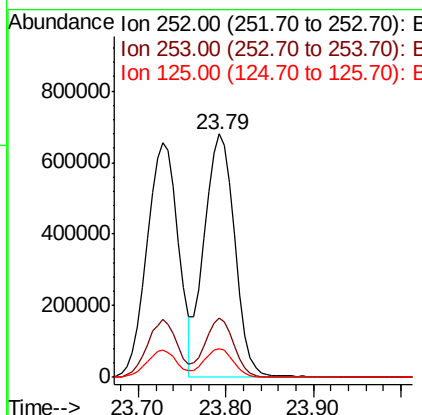
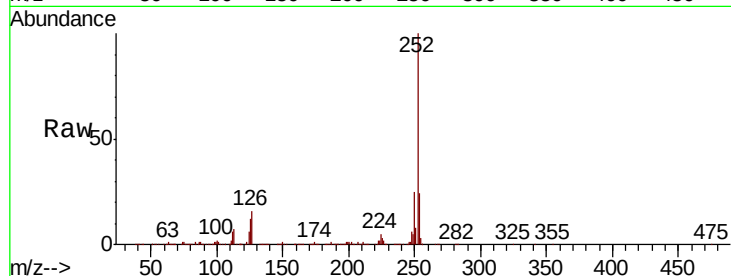




#89
Benzo(k)fluoranthene
Concen: 41.846 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

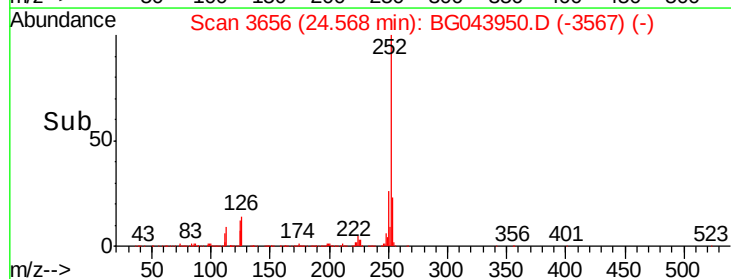
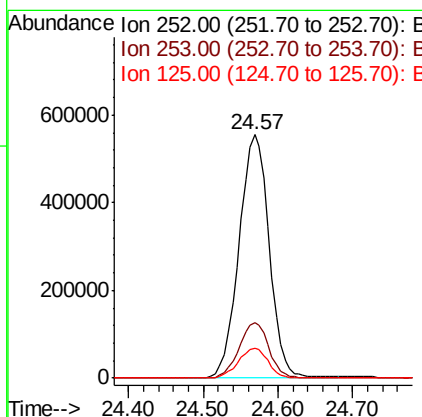
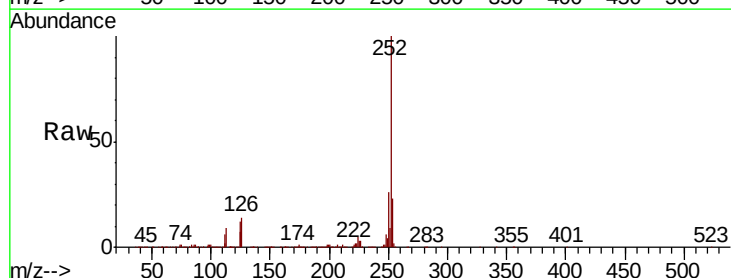
Instrument :
BNA_G
ClientSampleId :

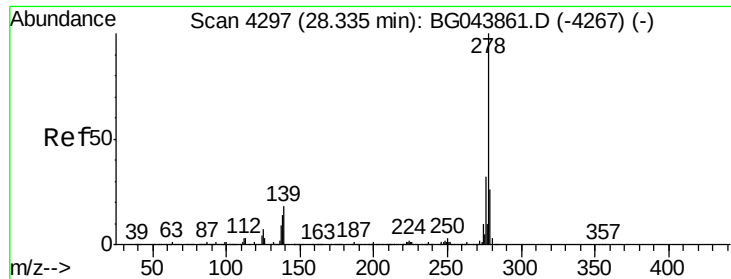
Tot Ion:252 Resp: 1652506
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.2
125 11.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 39.644 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:252 Resp: 1553854
Ion Ratio Lower Upper
252 100
253 22.8 19.3 28.9
125 12.1 10.4 15.6

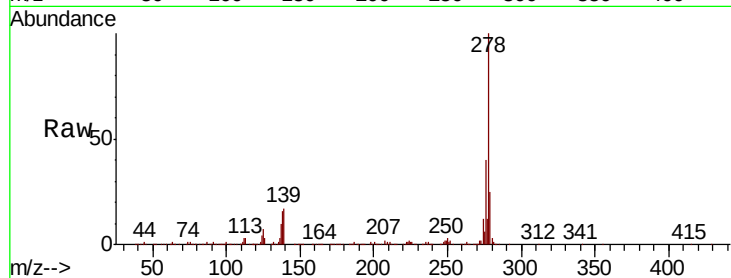




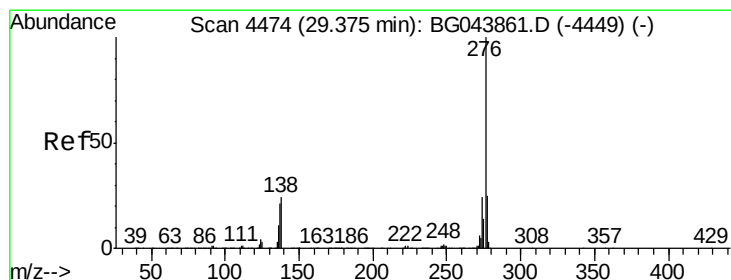
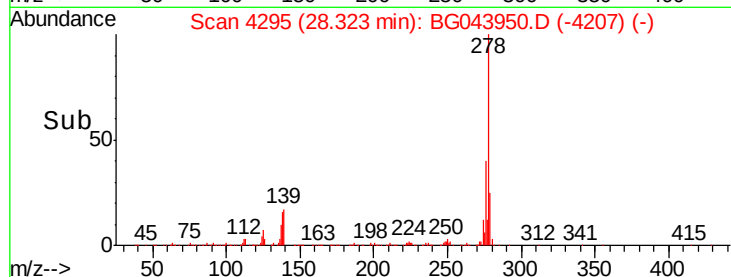
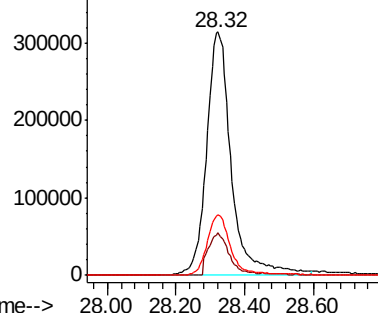
#91
Dibenzo(a,h)anthracene
Concen: 39.942 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1572245
Ion Ratio Lower Upper
278 100
139 17.3 14.2 21.4
279 24.9 20.6 30.8

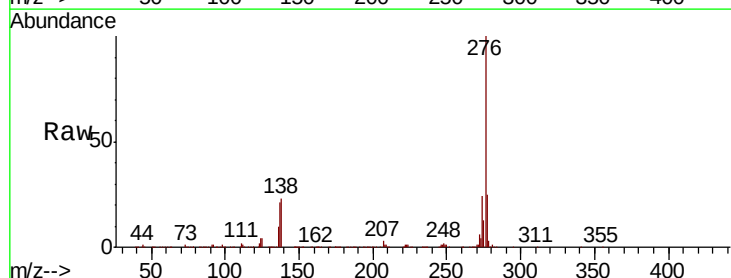


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.656 ng
RT: 29.37 min Scan# 4473
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:276 Resp: 1550557
Ion Ratio Lower Upper
276 100
277 25.0 20.2 30.4
138 22.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

