

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043866.D
 Acq On : 30 Dec 2019 15:12
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

Quant Time: Dec 30 16:46:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 14:25:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	177217	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	704238	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	438941	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	835436	20.00	ng	0.00
76) Chrysene-d12	21.60	240	704560	20.00	ng	0.00
87) Perylene-d12	24.73	264	800183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1400052	144.44	ng	0.00
7) Phenol-d6	7.14	99	1897702	139.72	ng	0.01
23) Nitrobenzene-d5	9.13	82	2157654	169.84	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	699465	151.96	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	3515857	143.58	ng	0.00
79) Terphenyl-d14	19.96	244	3744821	130.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	316796	75.231	ng	100
3) Pyridine	3.83	79	910554	73.360	ng	99
4) n-Nitrosodimethylamine	3.75	42	420854	75.822	ng	99
6) Aniline	7.30	93	1307497	73.440	ng	96
8) 2-Chlorophenol	7.54	128	827825	72.825	ng	99
9) Benzaldehyde	7.10	77	677894	85.267	ng	97
10) Phenol	7.16	94	1014420	72.605	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	878720	72.988	ng	98
12) 1,3-Dichlorobenzene	7.86	146	966787	72.644	ng	98
13) 1,4-Dichlorobenzene	8.01	146	960880	73.231	ng	99
14) 1,2-Dichlorobenzene	8.33	146	910622	72.204	ng	98
15) Benzyl Alcohol	8.21	79	800384	74.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	1363395	73.073	ng	99
17) 2-Methylphenol	8.41	107	753038	74.594	ng	98
18) Hexachloroethane	9.06	117	382644	74.643	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	736684	72.987	ng	96
20) 3+4-Methylphenols	8.75	107	1040621	73.916	ng	97
22) Acetophenone	8.79	105	1303875	74.398	ng	# 93
24) Nitrobenzene	9.17	77	998778	76.657	ng	98
25) Isophorone	9.70	82	1866911	75.607	ng	97
26) 2-Nitrophenol	9.88	139	516571	83.746	ng	100
27) 2,4-Dimethylphenol	9.95	122	719554	77.525	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	1233556	74.892	ng	97
29) 2,4-Dichlorophenol	10.42	162	866456	78.361	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	956547	77.013	ng	98
31) Naphthalene	10.82	128	2460177	72.200	ng	93
32) Benzoic acid	10.13	122	693421	96.794	ng	94
33) 4-Chloroaniline	10.92	127	1239520	76.373	ng	96
34) Hexachlorobutadiene	11.12	225	588375	77.619	ng	99
35) Caprolactam	11.72	113	269941	65.669	ng	98
36) 4-Chloro-3-methylphenol	12.06	107	901838	76.299	ng	98
37) 2-Methylnaphthalene	12.43	142	1873815	73.047	ng	96
38) 1-Methylnaphthalene	12.65	142	1771634	72.864	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	990983	77.105	ng	99

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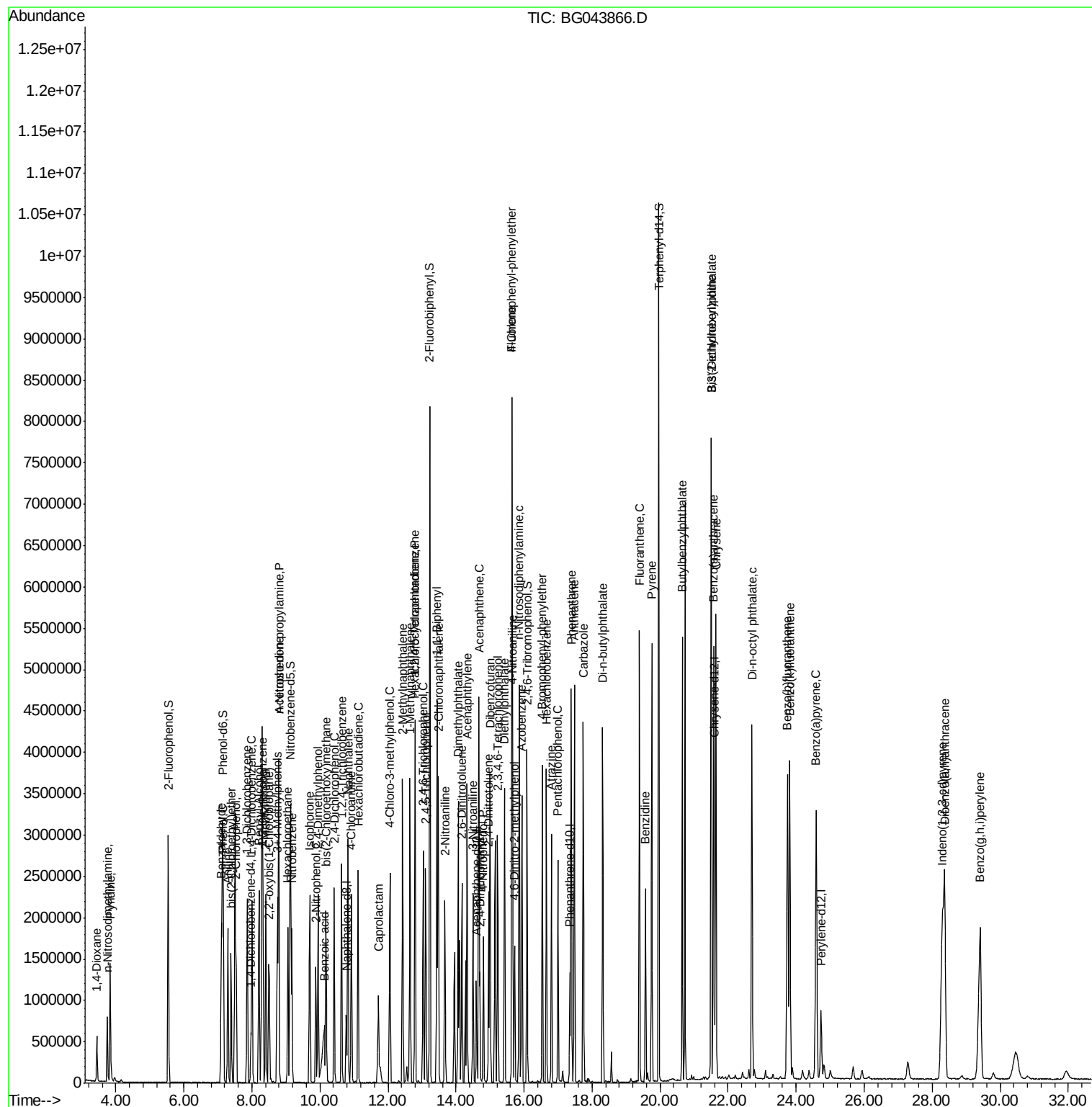
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	553187	82.506	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	703031	79.299	ng	96
44) 2,4,5-Trichlorophenol	13.11	196	711299	77.959	ng	99
46) 1,1'-Biphenyl	13.44	154	2259627	71.678	ng	89
47) 2-Chloronaphthalene	13.48	162	1874784	73.810	ng	93
48) 2-Nitroaniline	13.67	65	648672	79.412	ng	99
49) Acenaphthylene	14.32	152	2602267	71.321	ng	# 90
50) Dimethylphthalate	14.07	163	2164646	69.338	ng	95
51) 2,6-Dinitrotoluene	14.17	165	546183	77.509	ng	98
52) Acenaphthene	14.67	154	1926462	75.252	ng	96
53) 3-Nitroaniline	14.50	138	611999	76.414	ng	100
54) 2,4-Dinitrophenol	14.70	184	290385	91.672	ng	96
55) Dibenzofuran	15.00	168	2430369	68.825	ng	# 89
56) 4-Nitrophenol	14.81	139	480272	78.181	ng	99
57) 2,4-Dinitrotoluene	14.96	165	735086	76.657	ng	97
58) Fluorene	15.65	166	1947590	69.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	606981	77.338	ng	99
60) Diethylphthalate	15.43	149	2172981	69.584	ng	94
61) 4-Chlorophenyl-phenylether	15.65	204	1105438	72.786	ng	97
62) 4-Nitroaniline	15.67	138	586411	74.207	ng	97
63) Azobenzene	15.94	77	2038586	70.461	ng	92
65) 4,6-Dinitro-2-methylphenol	15.72	198	365655	90.165	ng	94
66) n-Nitrosodiphenylamine	15.86	169	1821627	73.838	ng	94
67) 4-Bromophenyl-phenylether	16.54	248	726217	77.336	ng	99
68) Hexachlorobenzene	16.66	284	781826	77.158	ng	98
69) Atrazine	16.81	200	558936	69.745	ng	98
70) Pentachlorophenol	17.00	266	466454	83.464	ng	99
71) Phenanthrene	17.39	178	2772331	69.144	ng	# 88
72) Anthracene	17.48	178	2748410	69.422	ng	# 88
73) Carbazole	17.74	167	2544665	69.497	ng	# 89
74) Di-n-butylphthalate	18.31	149	2949257	65.973	ng	# 90
75) Fluoranthene	19.39	202	2962393	67.282	ng	87
77) Benzidine	19.57	184	1328983	73.216	ng	94
78) Pyrene	19.75	202	2978063	67.132	ng	# 87
80) Butylbenzylphthalate	20.65	149	1620326	74.088	ng	# 96
81) Benzo(a)anthracene	21.58	228	3047768	69.725	ng	# 88
82) 3,3'-Dichlorobenzidine	21.50	252	1272720	73.327	ng	95
83) Chrysene	21.64	228	2867132	69.094	ng	# 85
84) Bis(2-ethylhexyl)phthalate	21.51	149	2125658	70.571	ng	# 90
85) Di-n-octyl phthalate	22.70	149	3561151	70.121	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.30	276	4366480	77.402	ng	# 93
88) Benzo(b)fluoranthene	23.75	252	3489287	73.698	ng	94
89) Benzo(k)fluoranthene	23.81	252	3294950	73.416	ng	93
90) Benzo(a)pyrene	24.59	252	3350178	75.081	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	3441390	76.811	ng	97
92) Benzo(g,h,i)perylene	29.41	276	3432932	77.100	ng	99

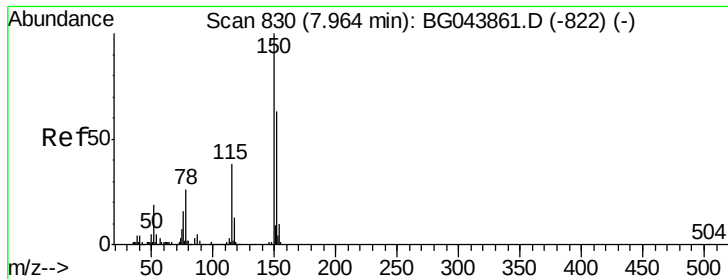
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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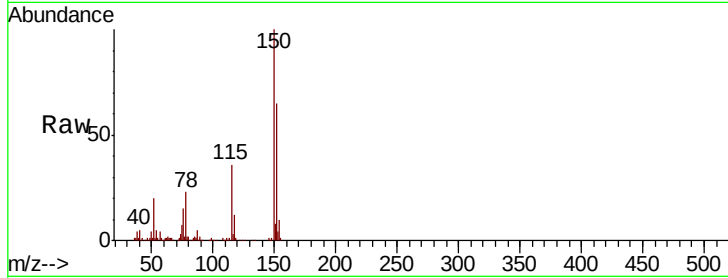


#1

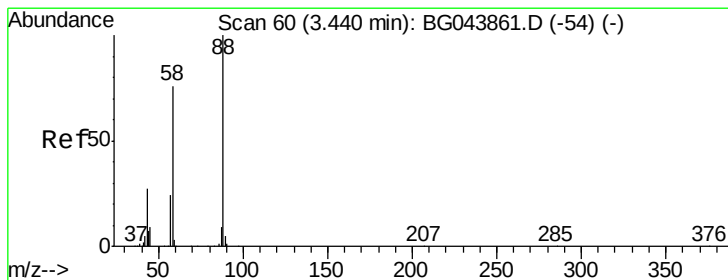
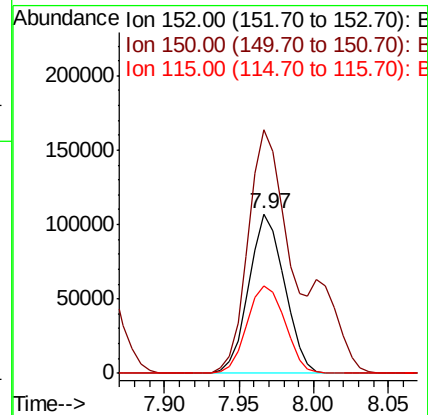
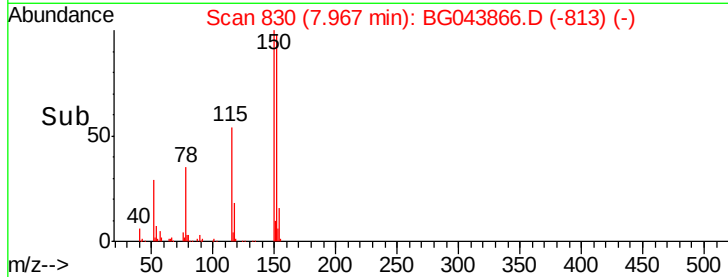
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:152 Resp: 177217
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.4
115 54.7 47.8 71.8



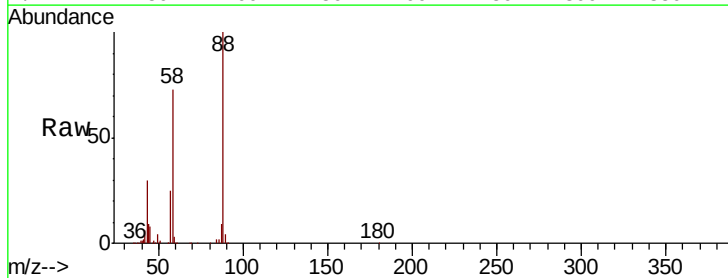
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



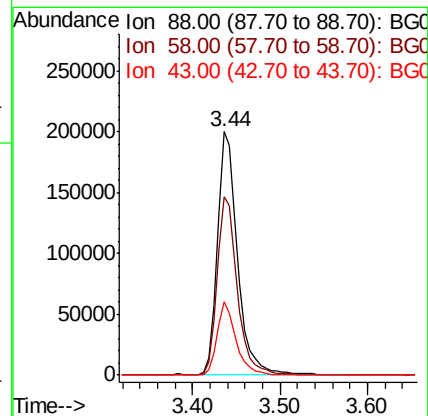
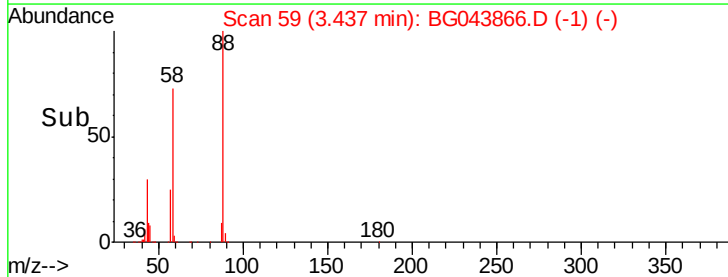
#2

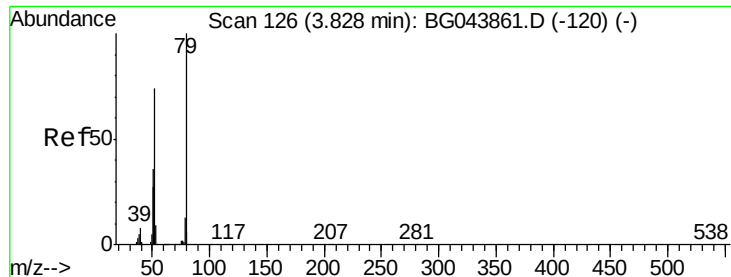
1,4-Dioxane
Concen: 75.231 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion: 88 Resp: 316796
Ion Ratio Lower Upper
88 100
58 74.4 59.8 89.8
43 28.9 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

Pvrindine

Concen: 73.360 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

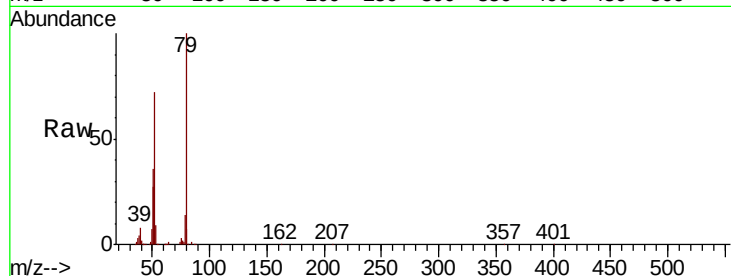
Tot Ion: 79 Resp: 910554

Ion Ratio Lower Upper

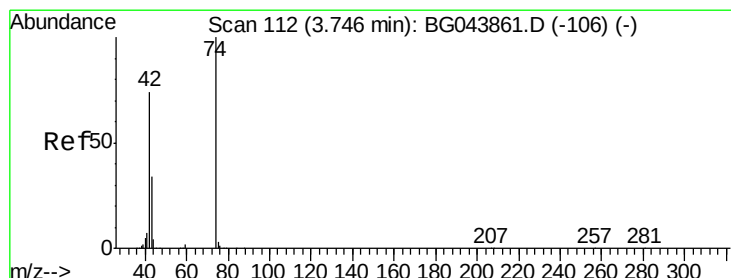
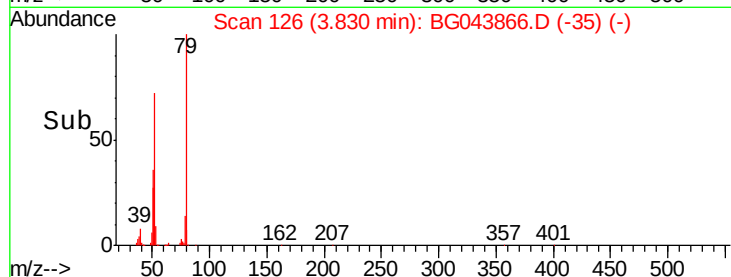
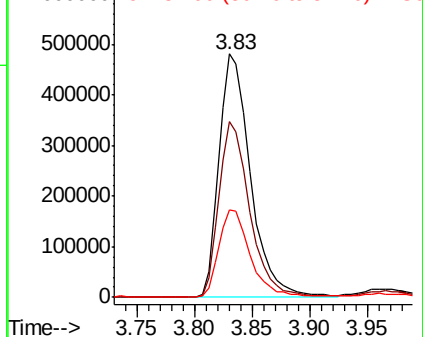
79 100

52 72.1 58.9 88.3

51 36.2 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: 75.822 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

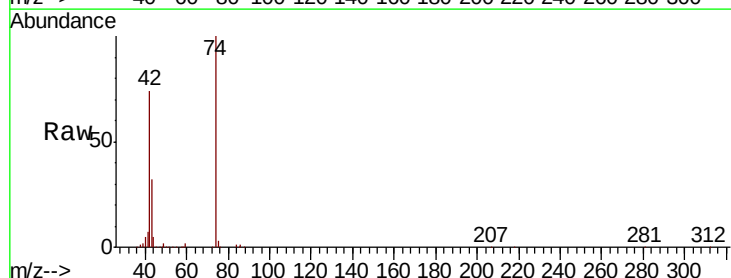
Tgt Ion: 42 Resp: 420854

Ion Ratio Lower Upper

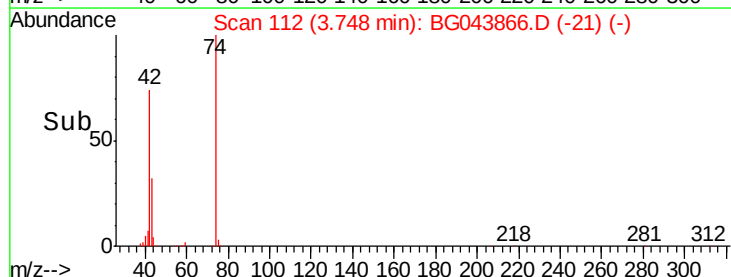
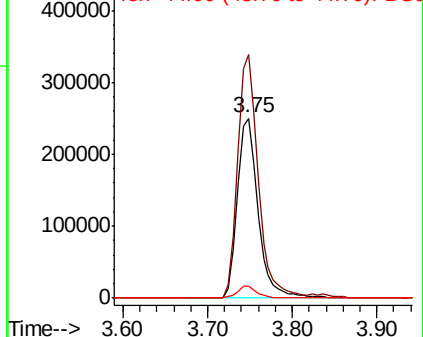
42 100

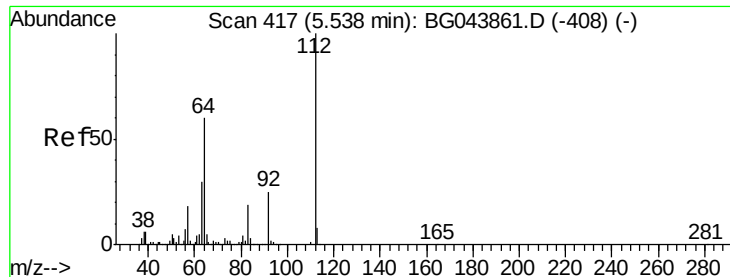
74 135.1 108.6 162.8

44 6.6 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: 144.444 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

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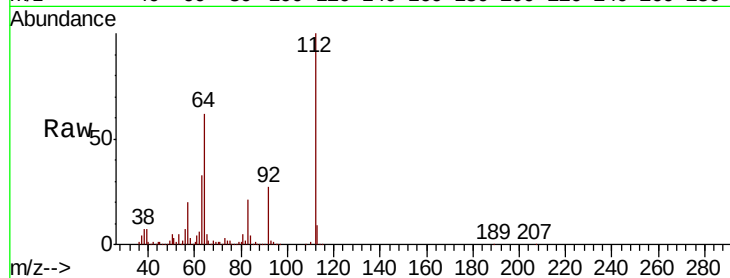
Tot Ion:112 Resp: 1400052

Ion Ratio Lower Upper

112 100

64 61.9 47.8 71.6

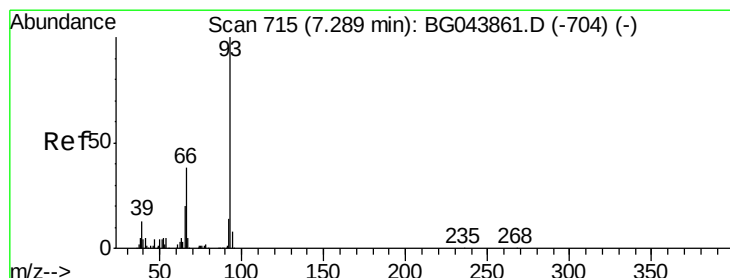
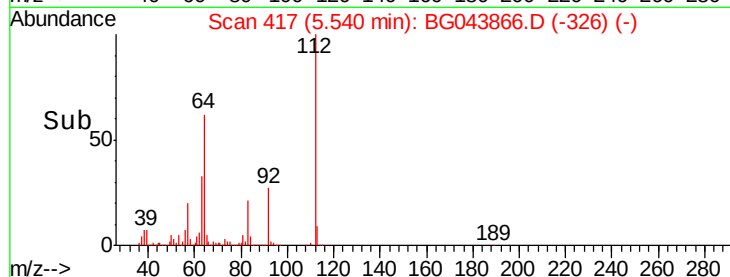
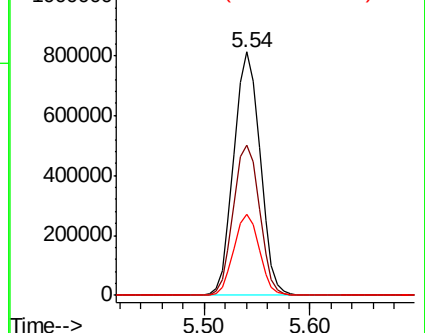
63 33.3 24.3 36.5



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: 73.440 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

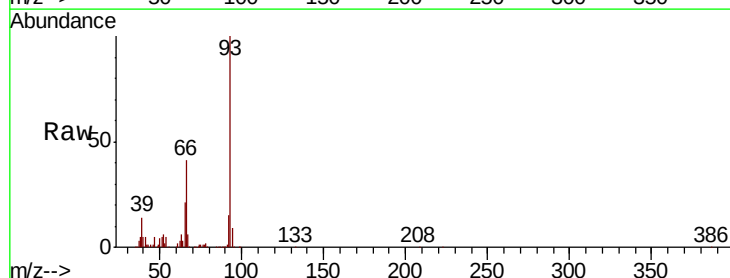
Tgt Ion: 93 Resp: 1307497

Ion Ratio Lower Upper

93 100

66 41.1 30.8 46.2

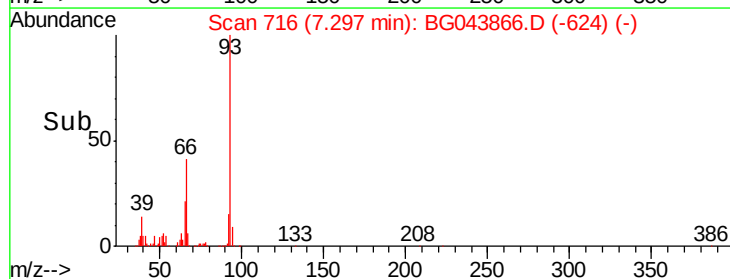
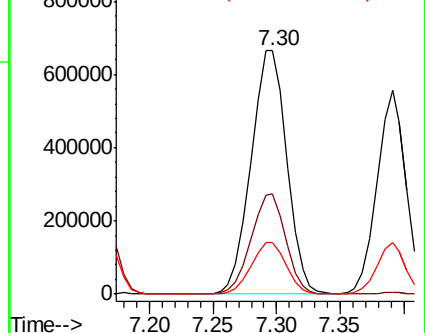
65 21.2 16.0 24.0

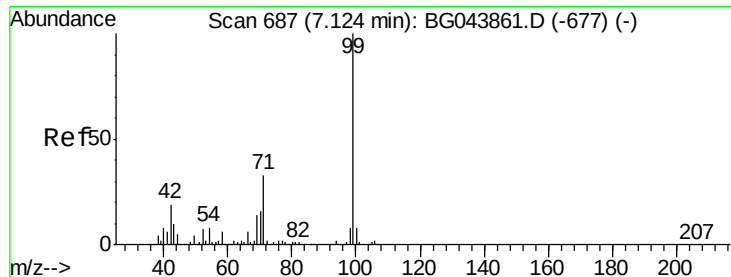


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.725 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

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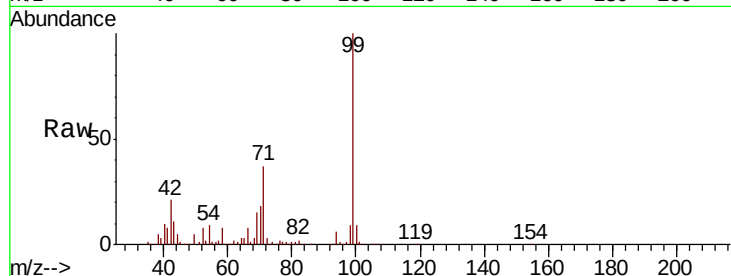
Tot Ion: 99 Resp: 1897702

Ion Ratio Lower Upper

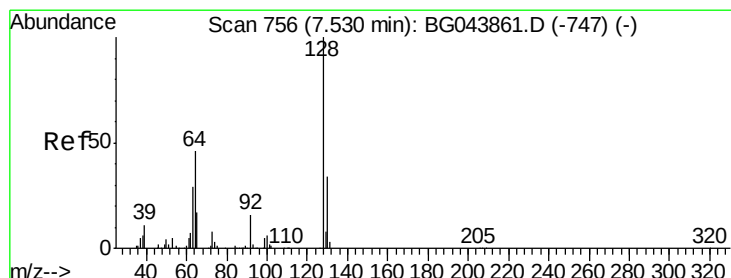
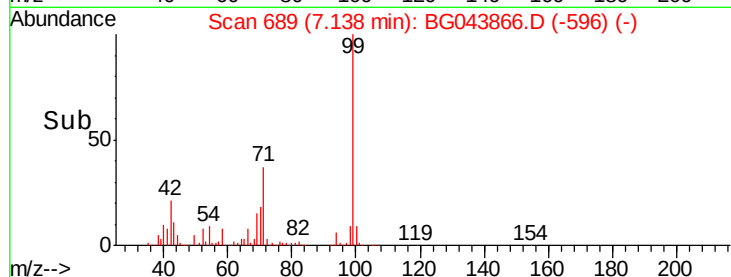
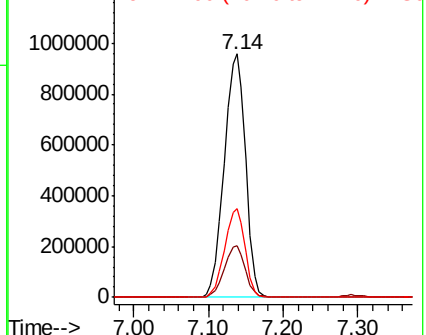
99 100

42 21.2 14.9 22.3

71 36.7 26.4 39.6



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



#8

2-Chlorophenol

Concen: 72.825 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

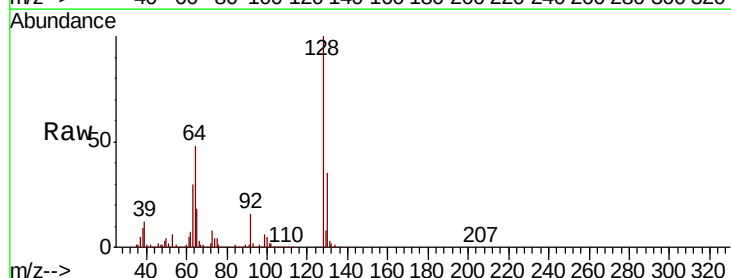
Tgt Ion: 128 Resp: 827825

Ion Ratio Lower Upper

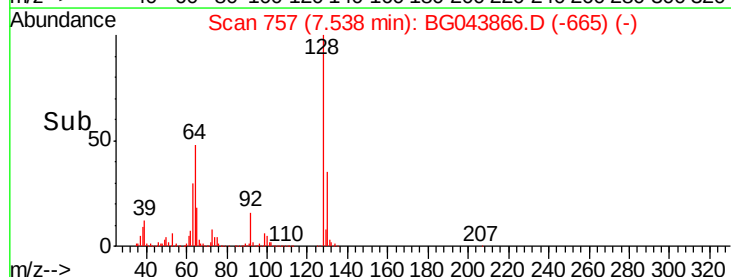
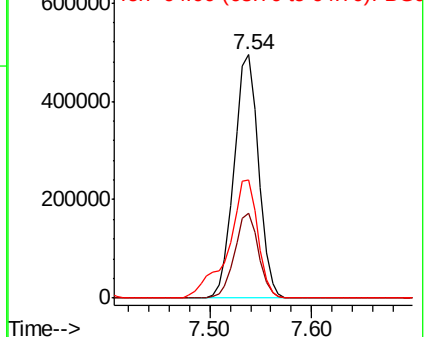
128 100

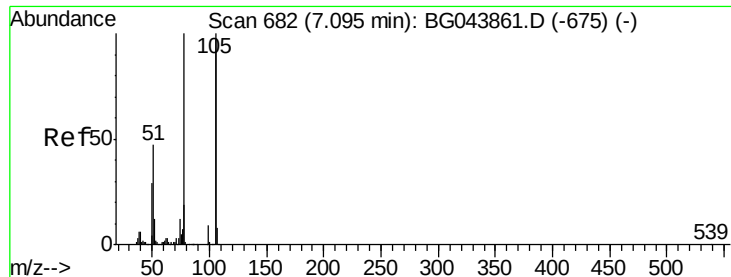
130 34.6 13.8 53.8

64 48.3 27.6 67.6



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





#9

Benzaldehyde

Concen: 85.267 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

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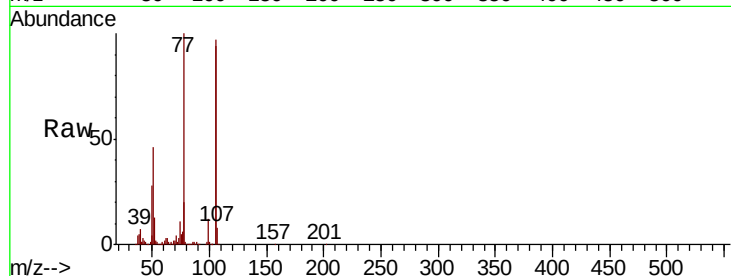
Tot Ion: 77 Resp: 677894

Ion Ratio Lower Upper

77 100

105 97.4 80.2 120.2

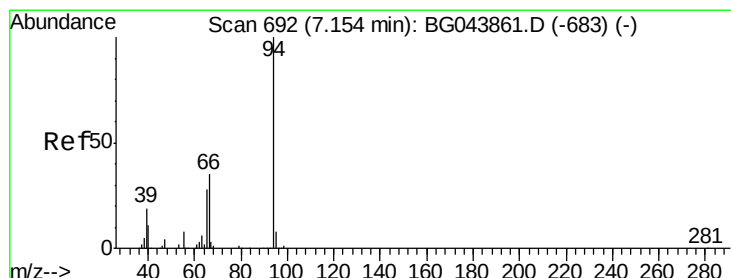
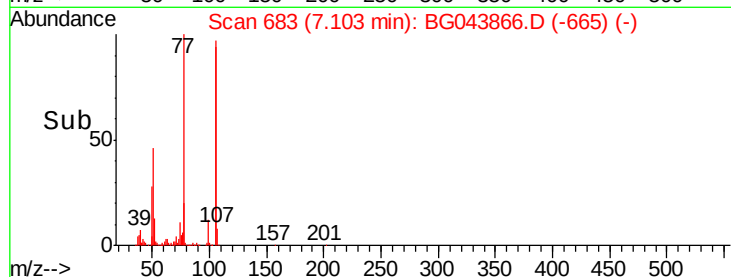
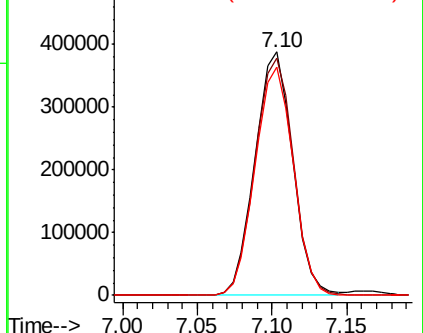
106 93.6 77.2 117.2



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: 72.605 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

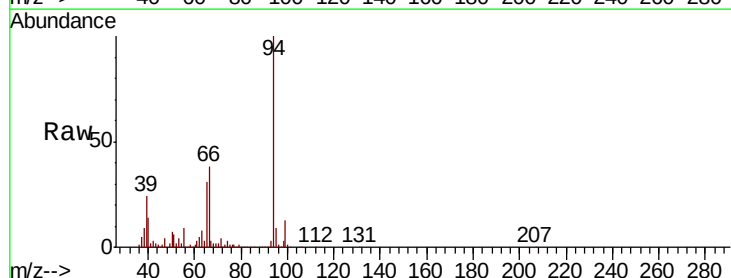
Tgt Ion: 94 Resp: 1014420

Ion Ratio Lower Upper

94 100

65 31.2 8.1 48.1

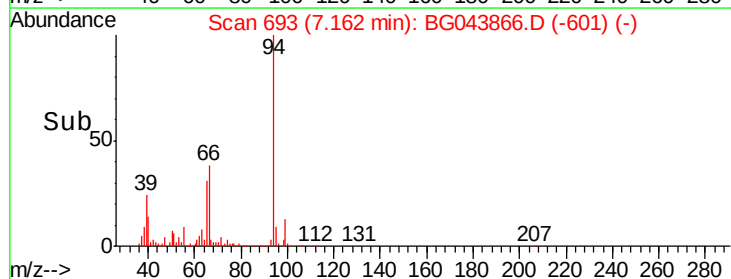
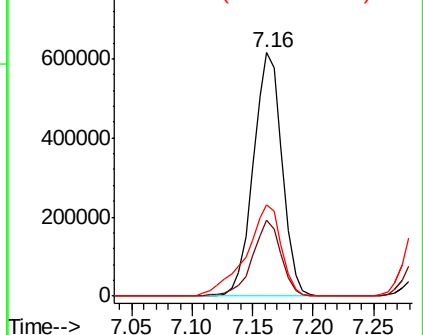
66 37.7 15.6 55.6

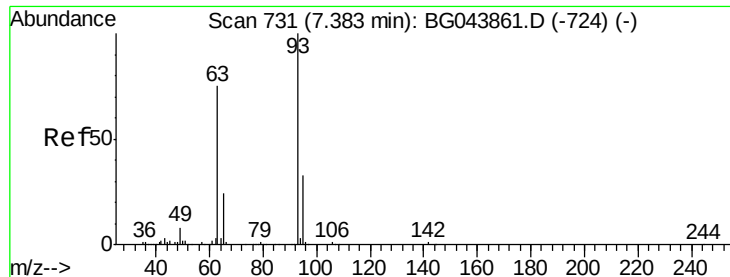


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

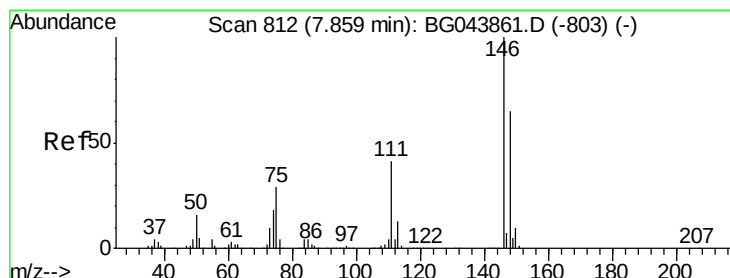
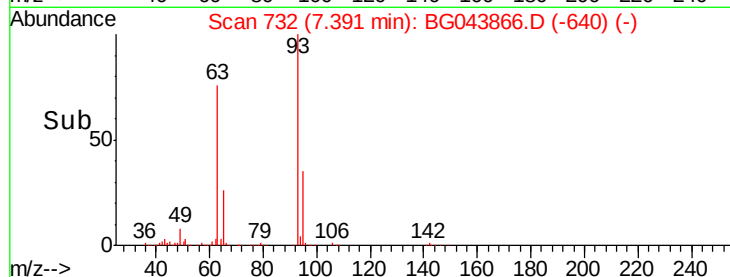
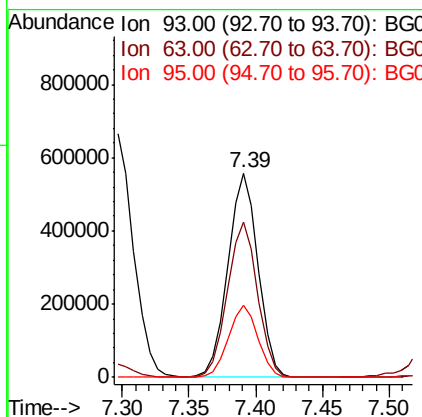
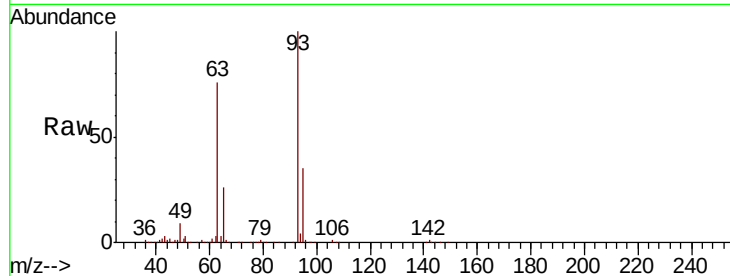




#11
bis(2-Chloroethyl)ether
Concen: 72.988 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

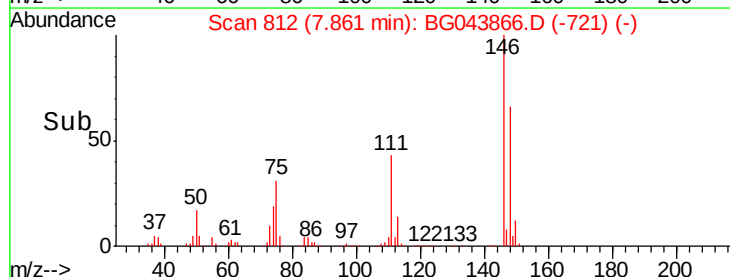
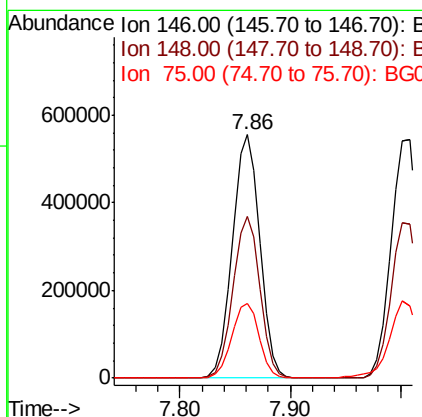
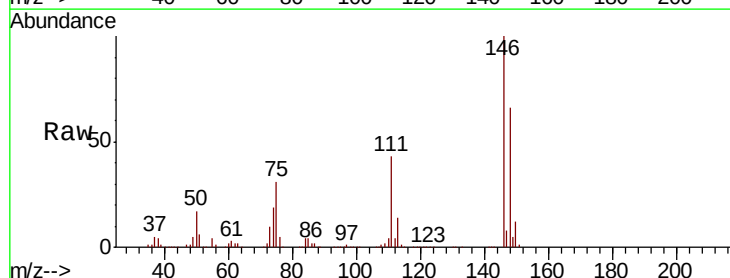
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

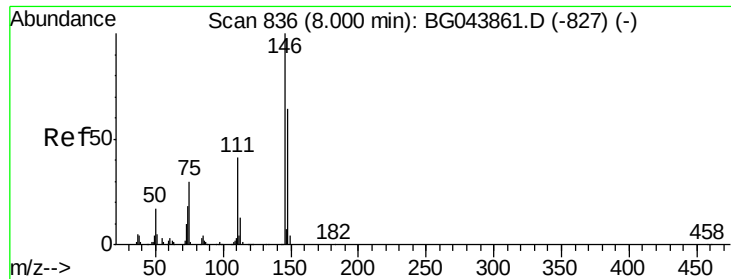
Tot Ion: 93 Resp: 878720
Ion Ratio Lower Upper
93 100
63 76.0 55.0 95.0
95 35.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 72.644 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion: 146 Resp: 966787
Ion Ratio Lower Upper
146 100
148 66.3 52.1 78.1
75 30.7 23.0 34.4

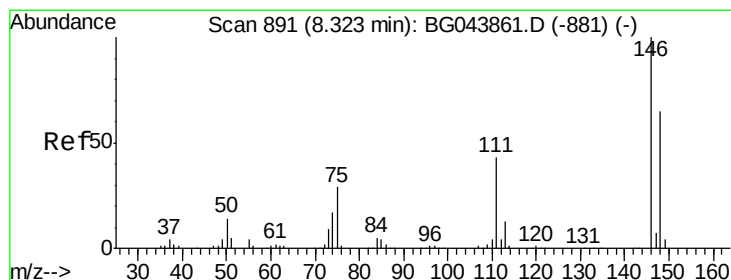
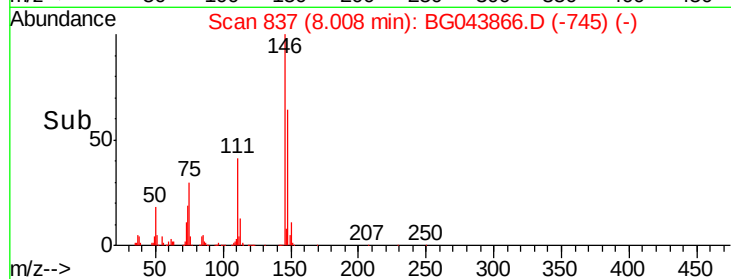
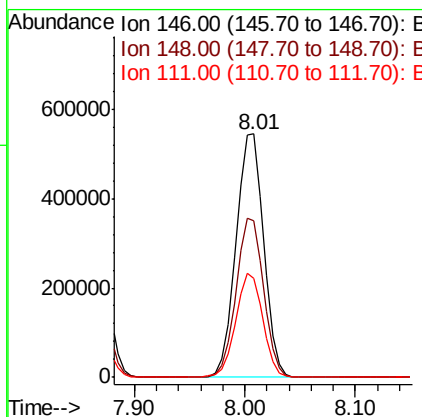
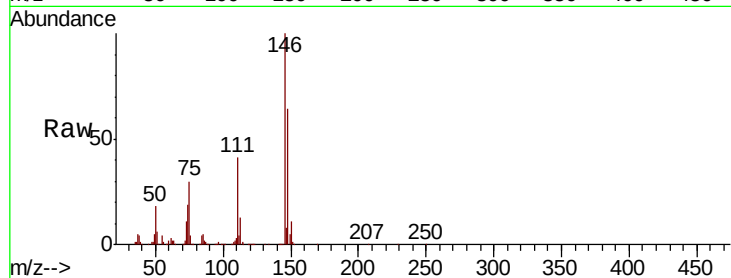




#13
 1,4-Dichlorobenzene
 Concen: 73.231 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

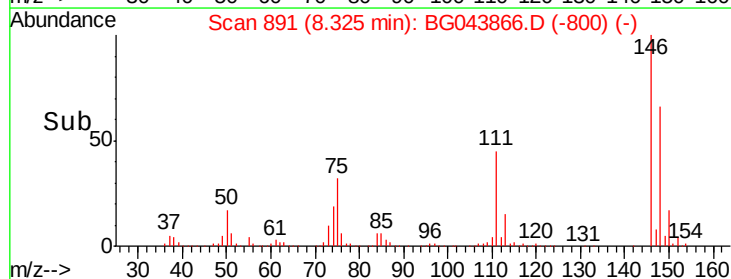
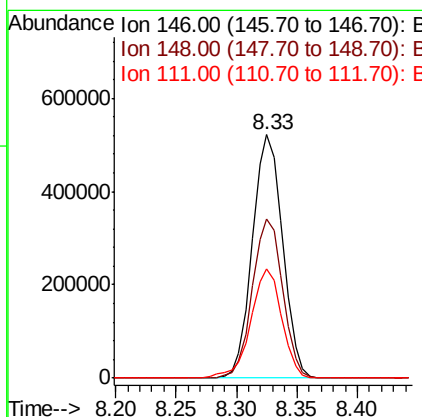
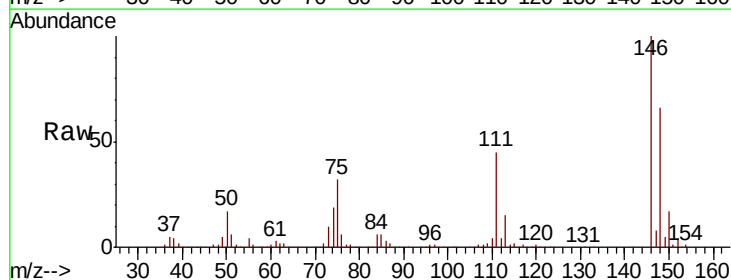
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

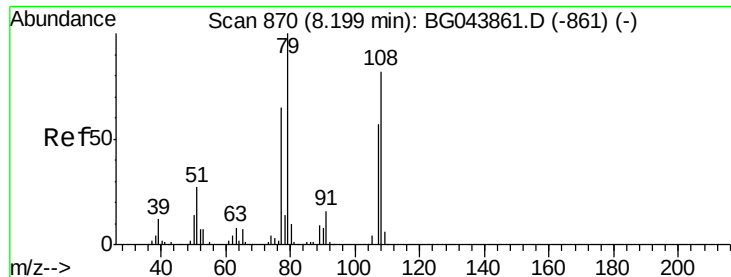
Tot Ion:146 Resp: 960880
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 40.6 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 72.204 ng
 RT: 8.33 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Tgt Ion:146 Resp: 910622
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.7 77.5
 111 44.6 34.4 51.6





#15

Benzyl Alcohol

Concen: 74.900 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

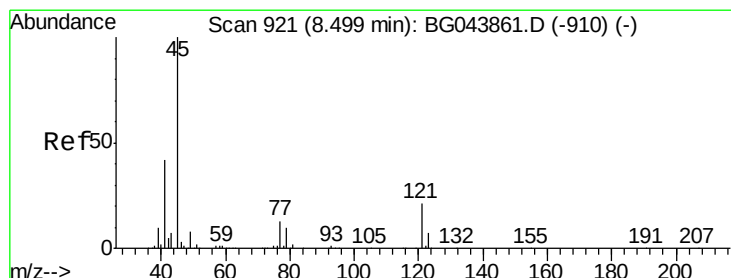
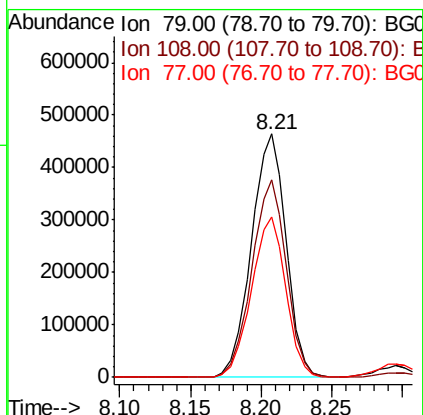
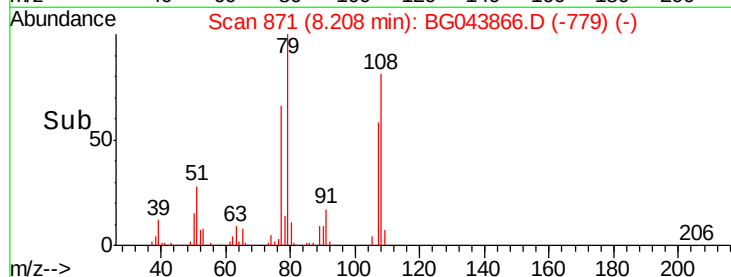
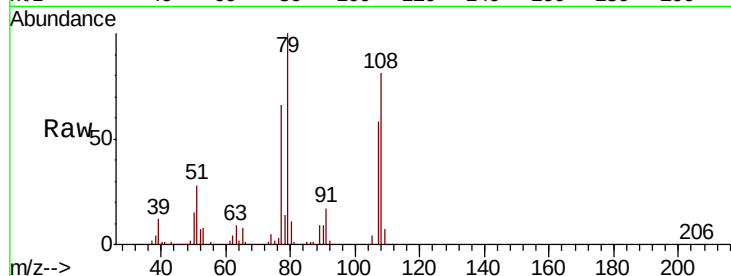
Tot Ion: 79 Resp: 800384

Ion Ratio Lower Upper

79 100

108 81.1 65.6 98.4

77 65.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.073 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

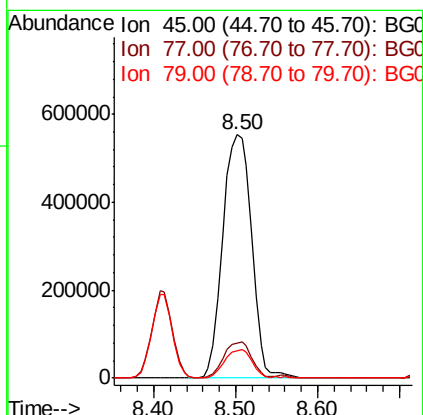
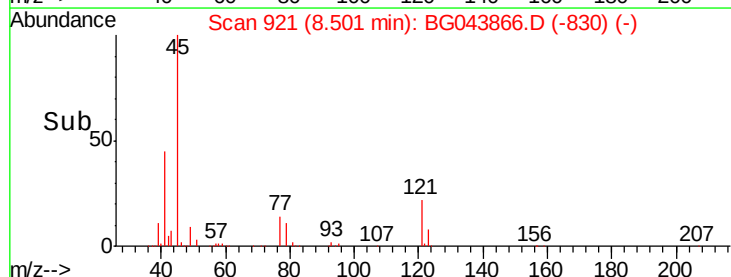
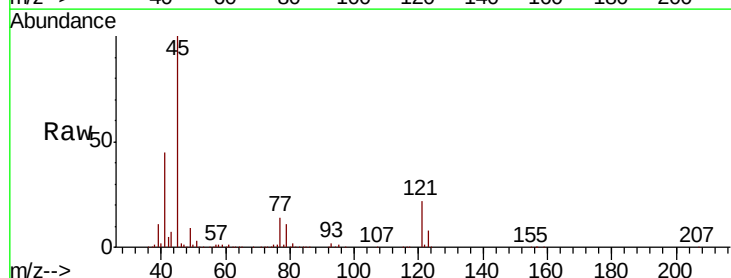
Tgt Ion: 45 Resp: 1363395

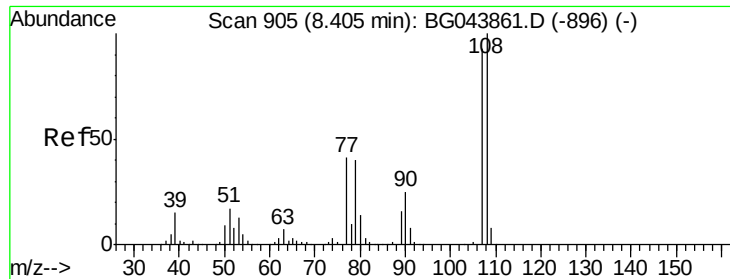
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.8

79 11.1 0.0 31.0

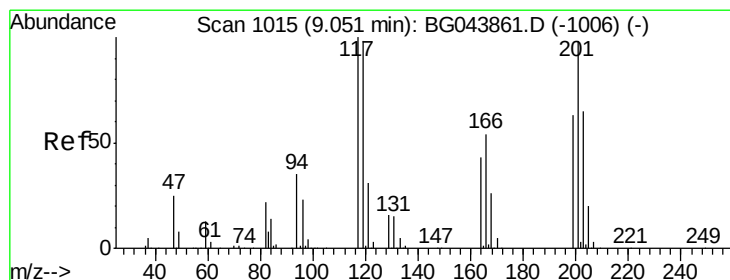
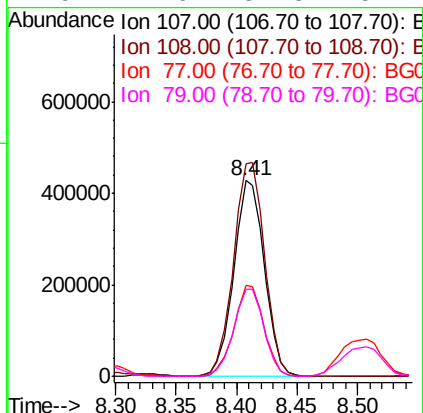
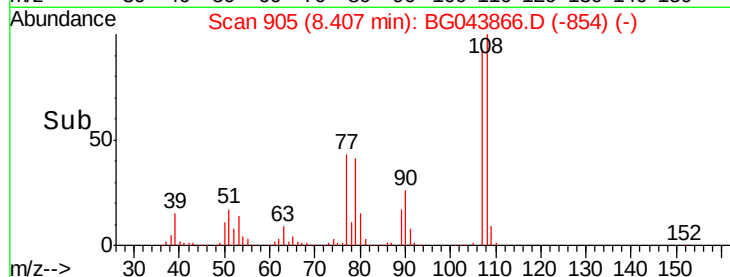
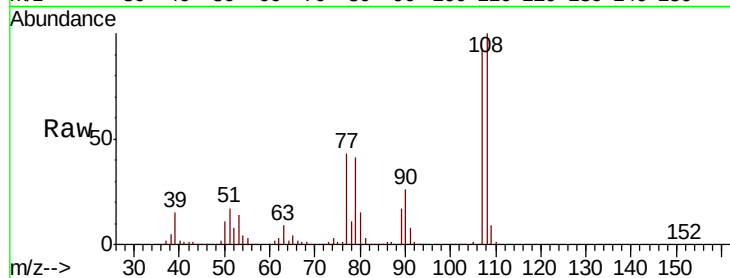




#17
2-Methylphenol
Concen: 74.594 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

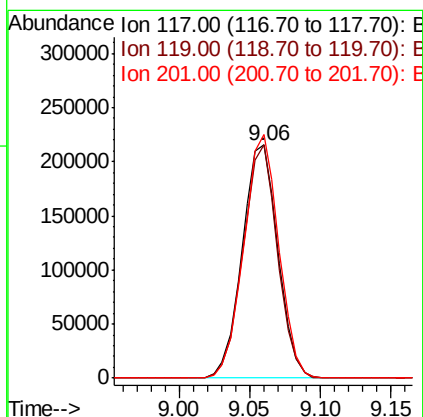
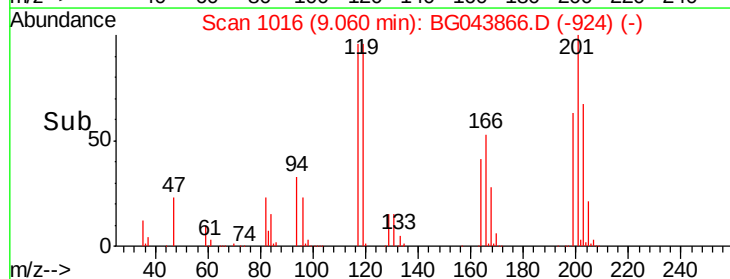
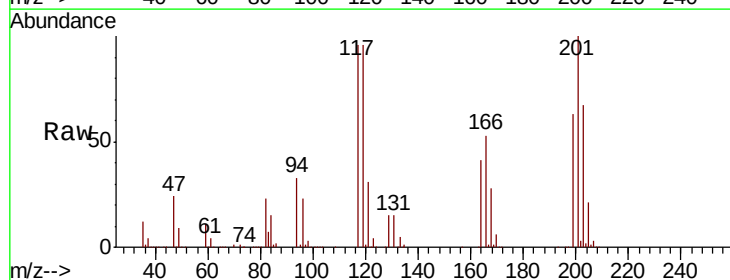
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

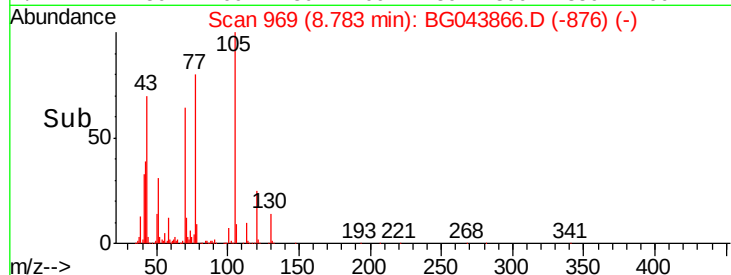
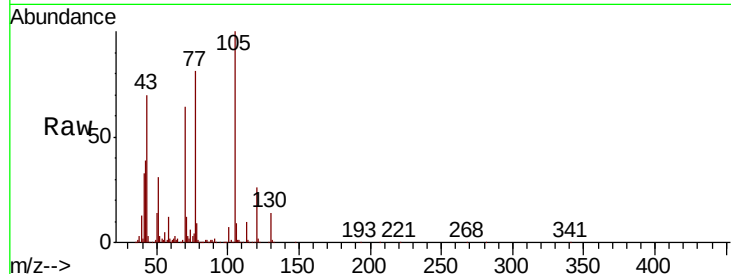
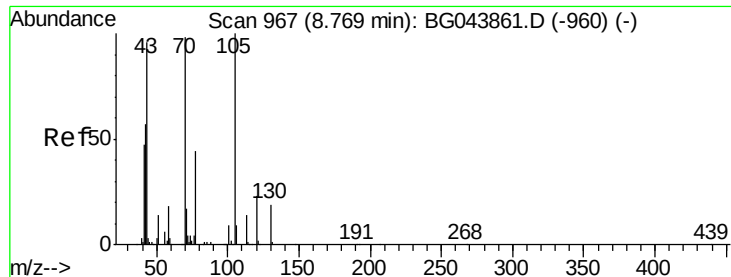
Tot Ion:	107	Resp:	753038
Ion	Ratio	Lower	Upper
107	100		
108	108.8	86.1	129.1
77	46.5	35.4	53.0
79	44.6	34.8	52.2



#18
Hexachloroethane
Concen: 74.643 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:	117	Resp:	382644
Ion	Ratio	Lower	Upper
117	100		
119	99.8	78.1	117.1
201	104.4	78.6	117.8

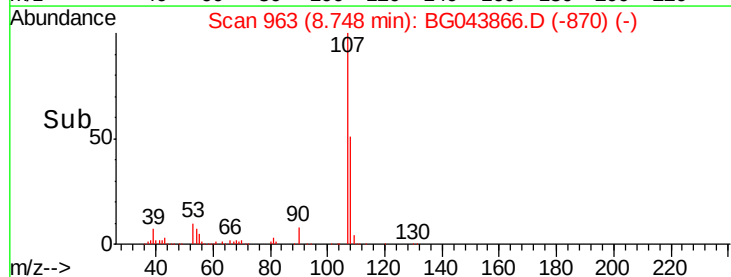
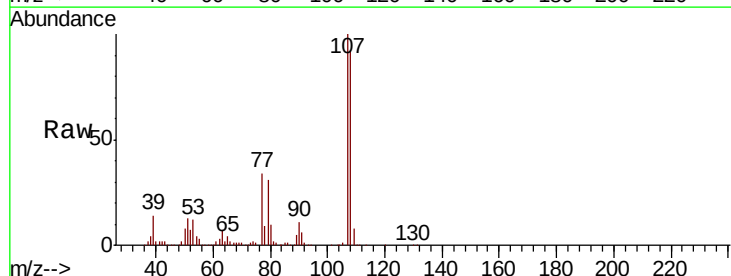
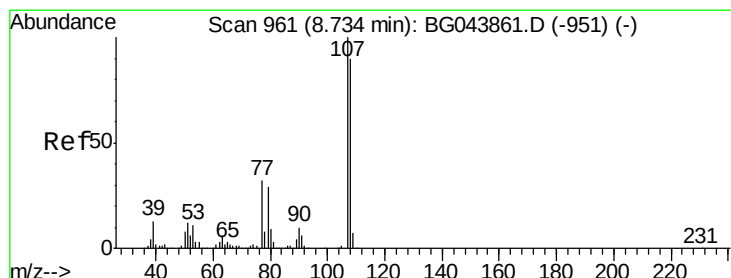
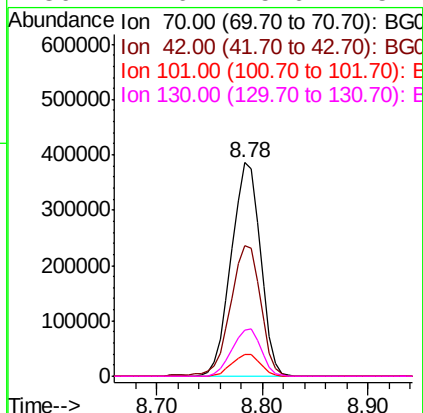




#19
n-Nitroso-di-n-propylamine
Concen: 72.987 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

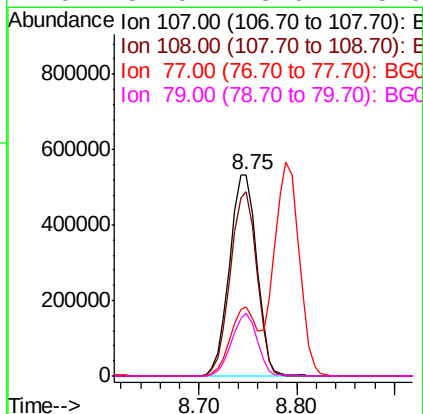
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

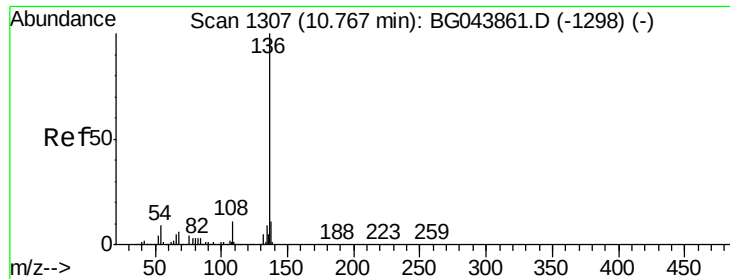
Tot Ion:	70	Resp:	736684
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.0	70.4
101	10.5	7.2	10.8
130	21.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 73.916 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:	107	Resp:	1040621
Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.3	110.3
77	34.3	12.4	52.4
79	31.0	8.6	48.6

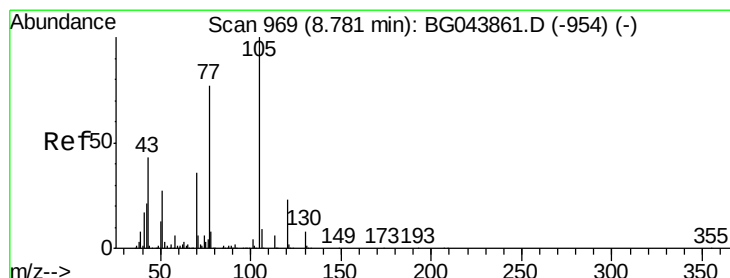
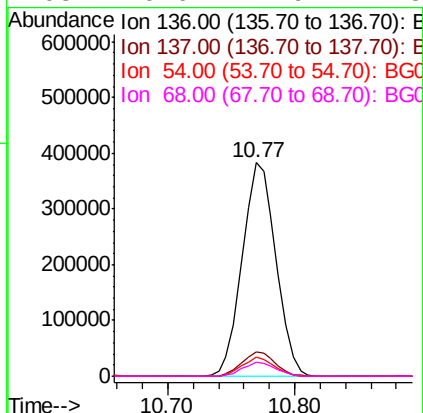
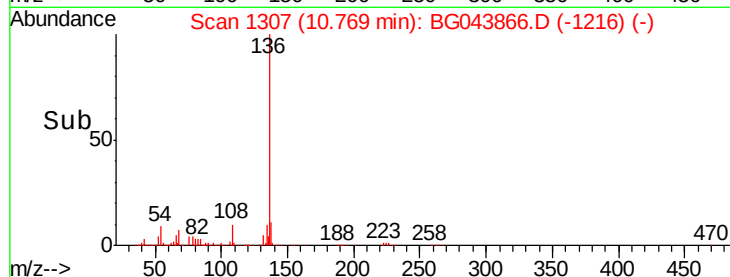
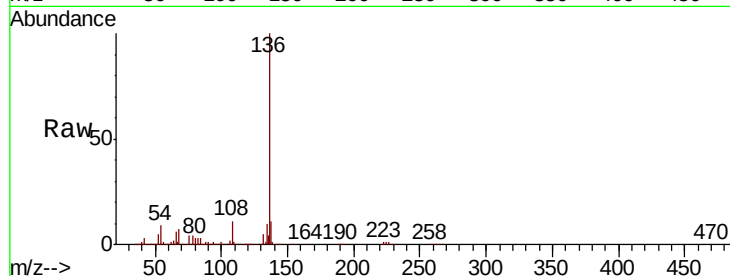




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

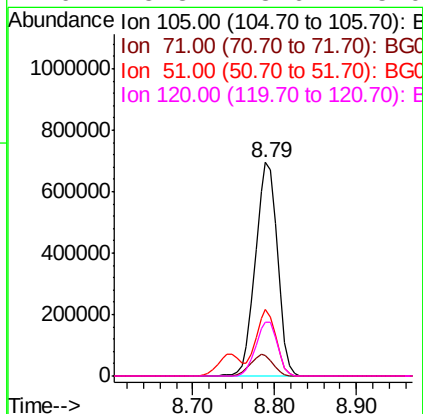
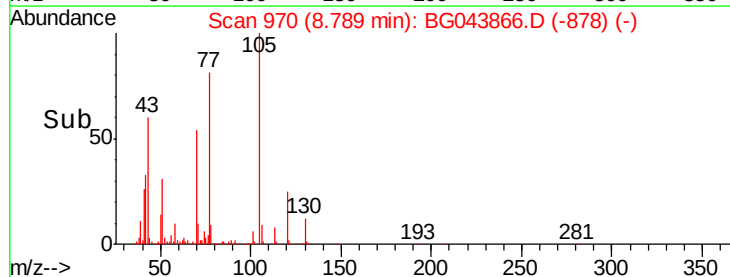
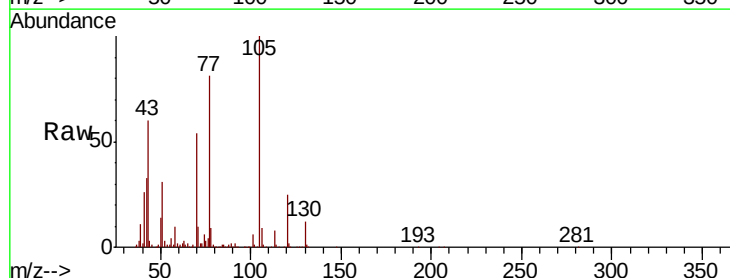
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

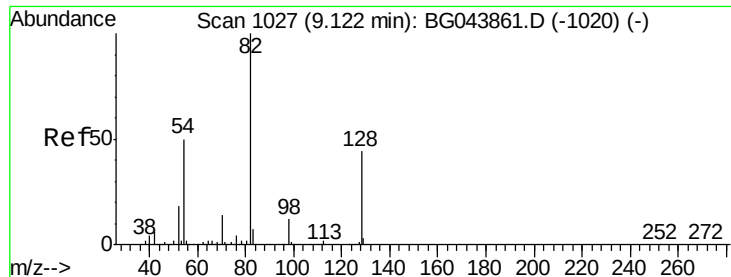
Tot Ion:136	Resp: 704238
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 9.2	7.0 10.4
68 6.6	4.9 7.3



#22
Acetophenone
Concen: 74.398 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt	Ion:105	Resp:	1303875
Ion	Ratio	Lower	Upper
105	100		
71	9.6	4.8	7.2#
51	31.1	21.4	32.0
120	25.3	18.6	28.0



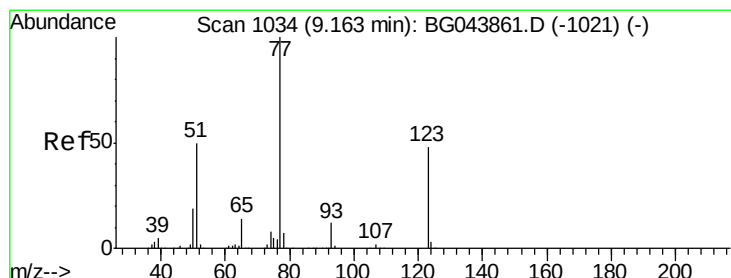
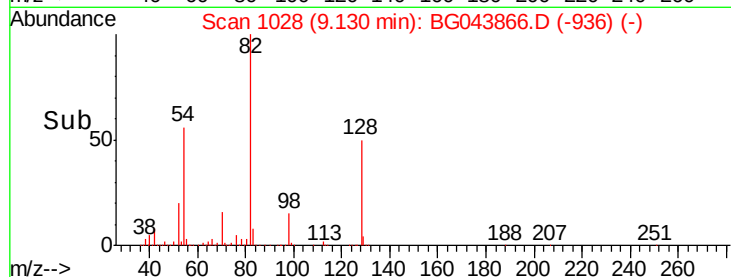
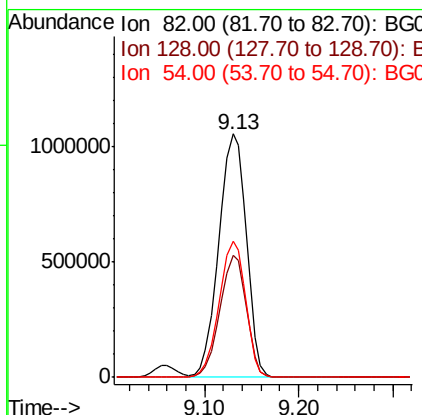
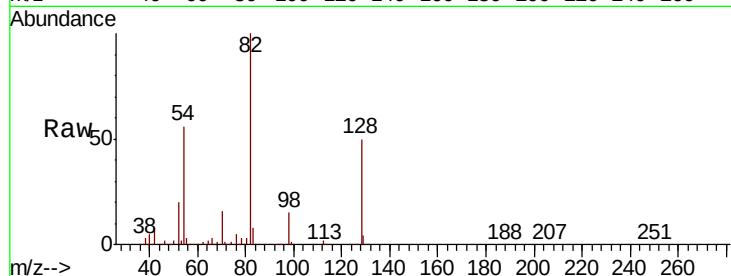


#23
 Nitrobenzene-d5
 Concen: 169.843 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

Tot Ion: 82 Resp: 2157654

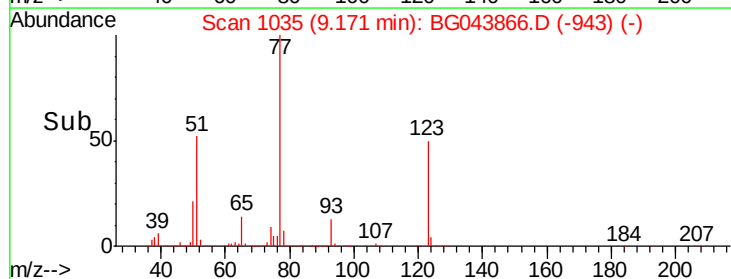
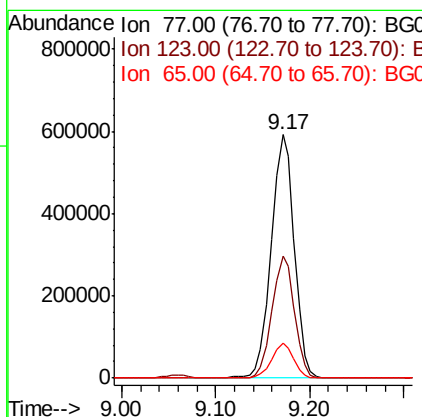
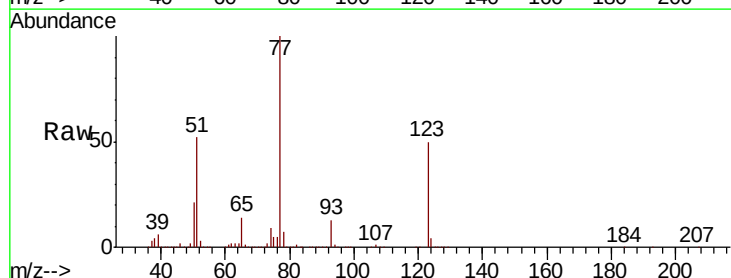
Ion	Ratio	Lower	Upper
82	100		
128	50.0	35.1	52.7
54	55.7	40.1	60.1

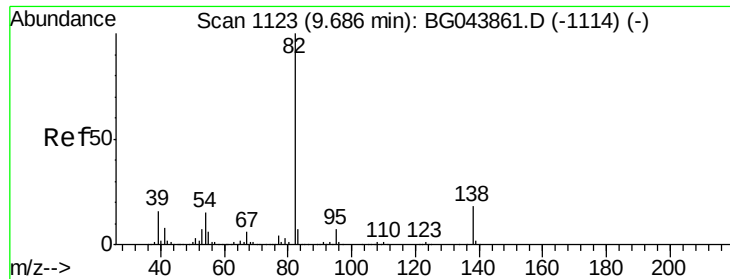


#24
 Nitrobenzene
 Concen: 76.657 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Tgt Ion: 77 Resp: 998778

Ion	Ratio	Lower	Upper
77	100		
123	50.1	38.7	58.1
65	14.1	11.1	16.7





#25

Isophorone

Concen: 75.607 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

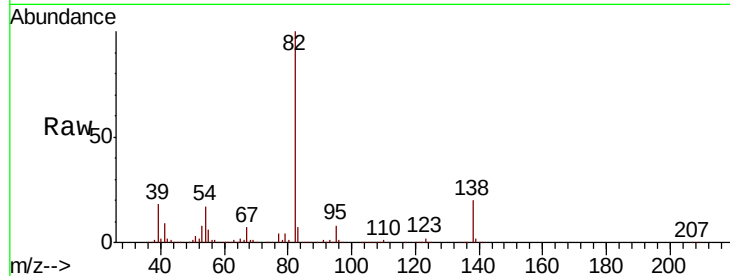
Tot Ion: 82 Resp: 1866911

Ion Ratio Lower Upper

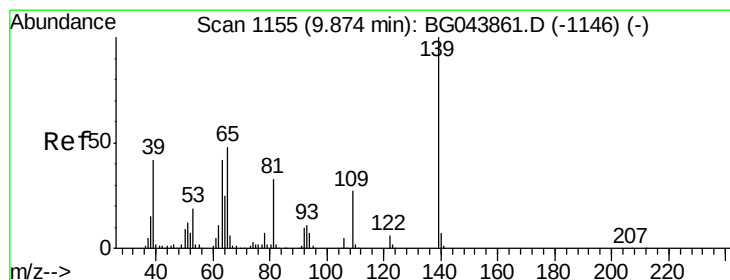
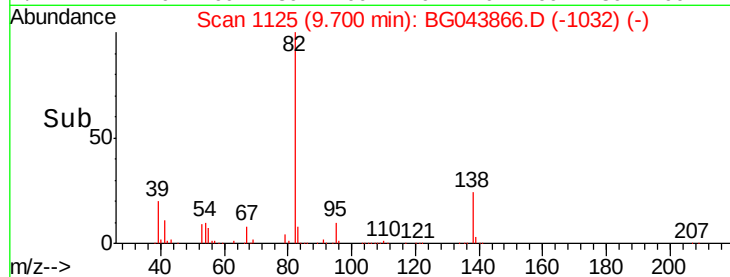
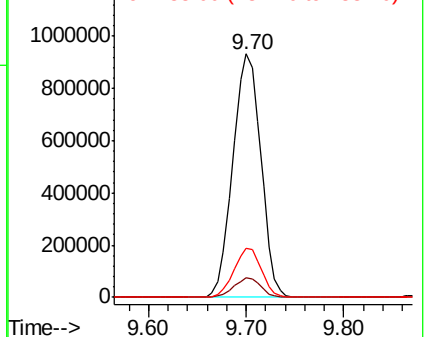
82 100

95 8.0 5.8 8.6

138 19.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 83.746 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

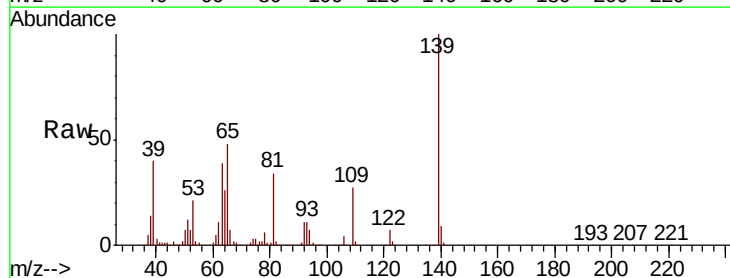
Tgt Ion: 139 Resp: 516571

Ion Ratio Lower Upper

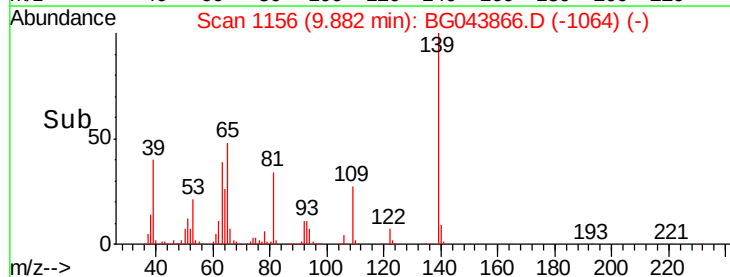
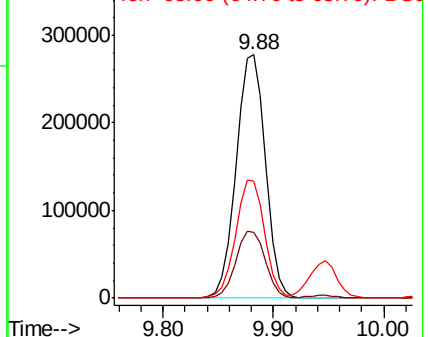
139 100

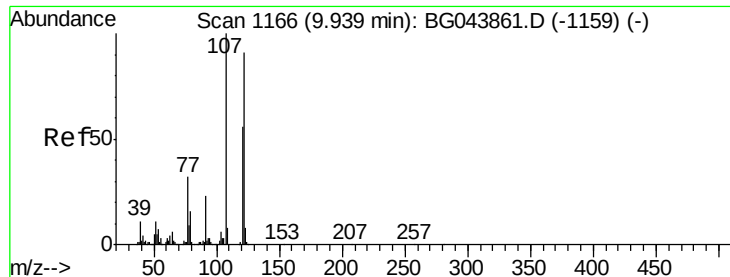
109 26.7 21.3 31.9

65 48.0 38.6 57.8



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

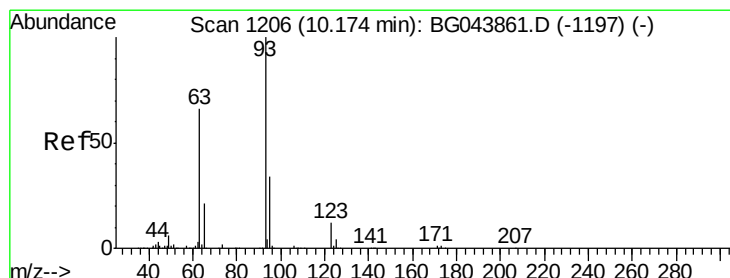
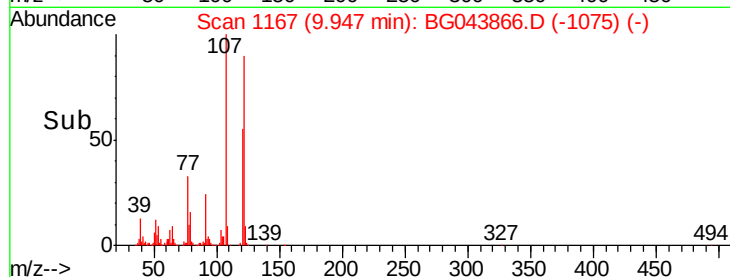
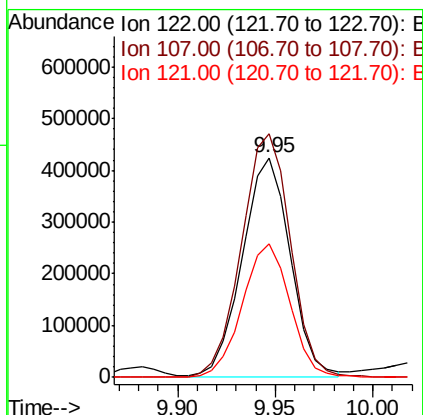
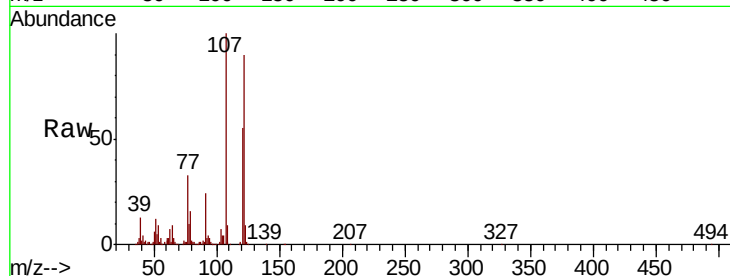




#27
2,4-Dimethylphenol
Concen: 77.525 ng
RT: 9.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

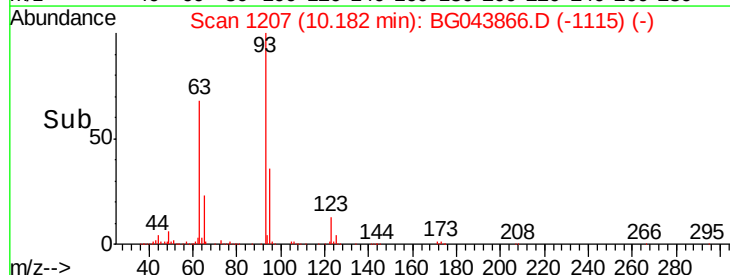
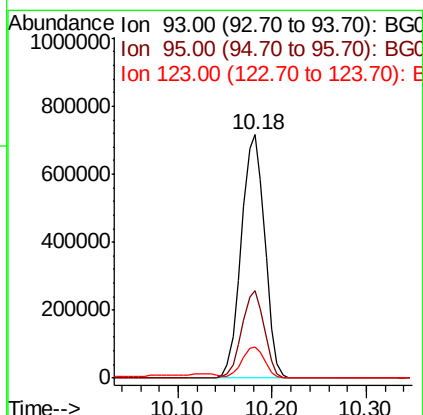
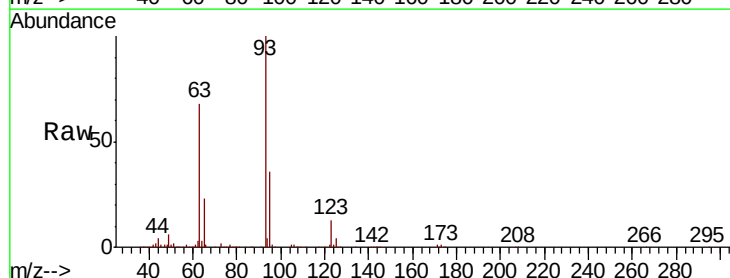
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

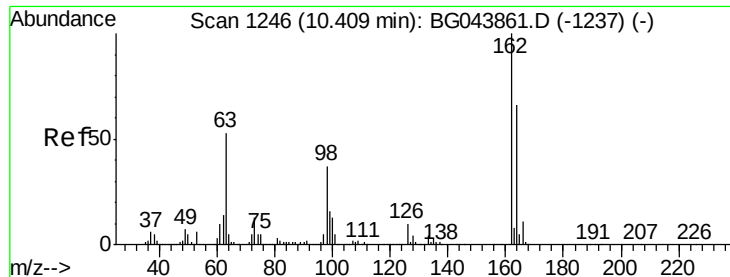
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.0	132.0
121	60.6	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 74.892 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.9	27.2	40.8
123	12.9	9.7	14.5

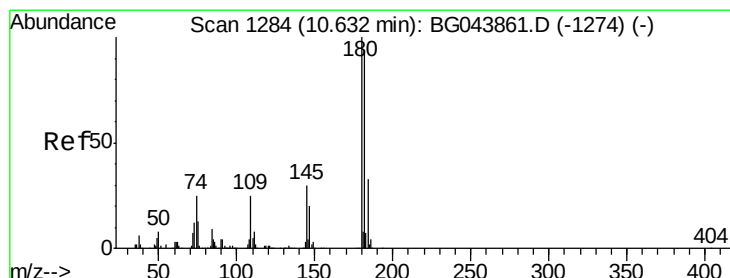
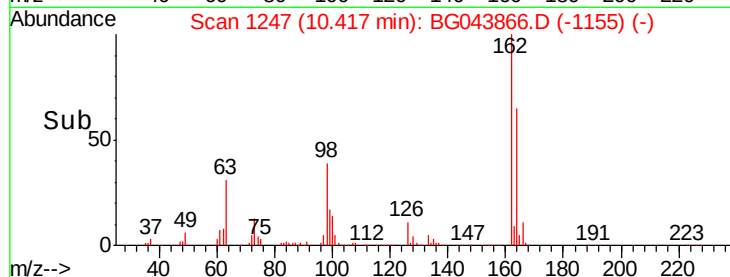
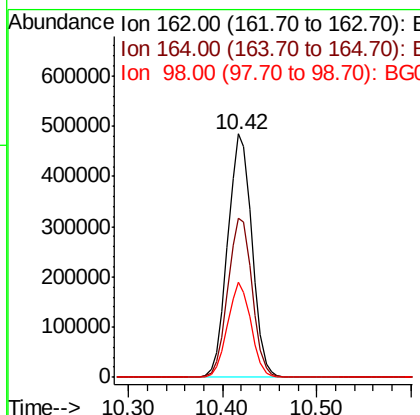
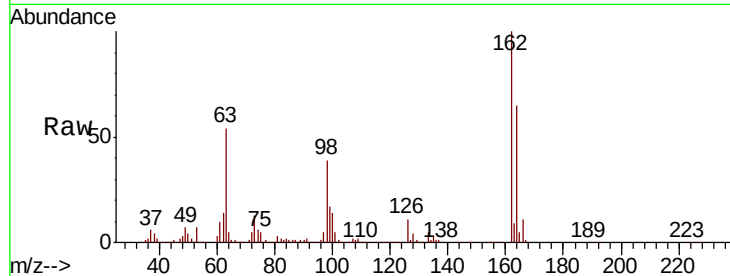




#29
 2,4-Dichlorophenol
 Concen: 78.361 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

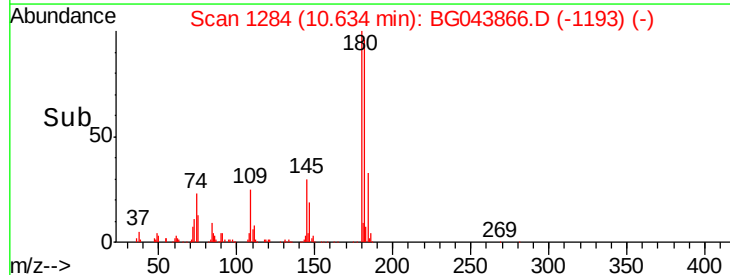
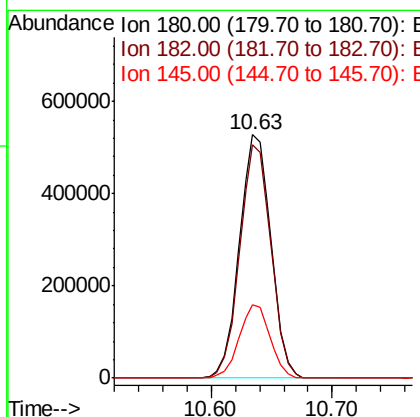
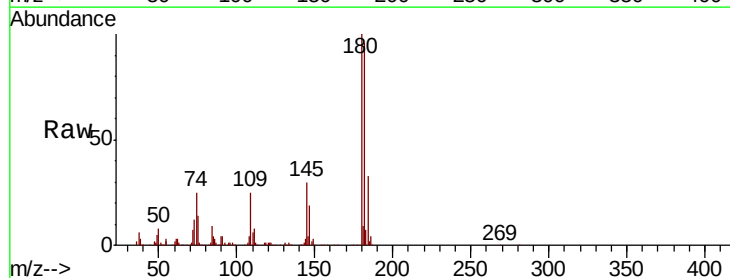
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

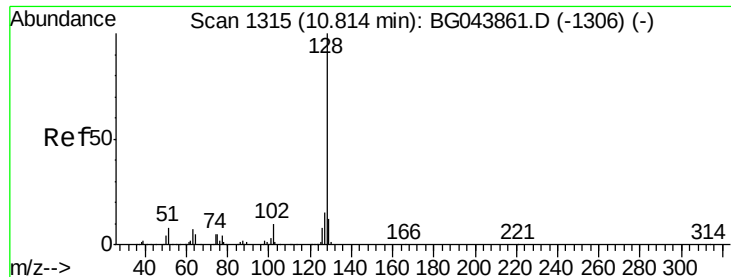
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.3	86.3
98	39.2	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 77.013 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.4
145	30.0	24.2	36.4

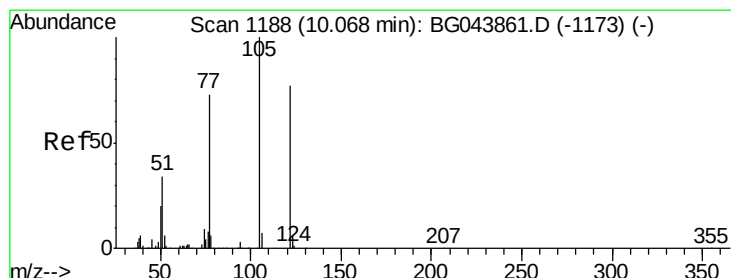
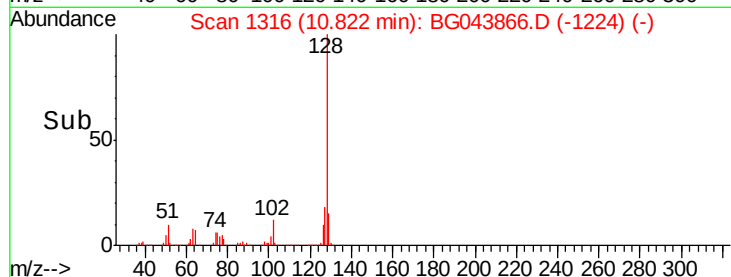
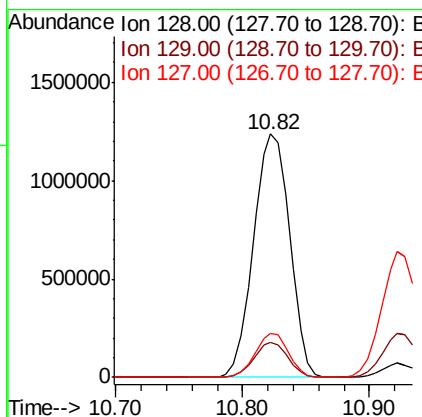
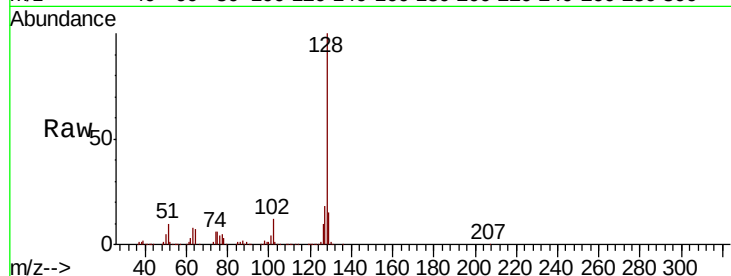




#31
Naphthalene
Concen: 72.200 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

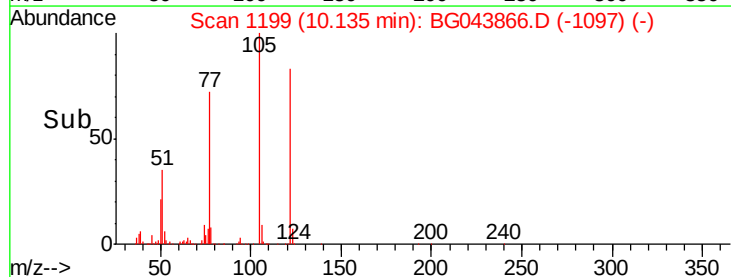
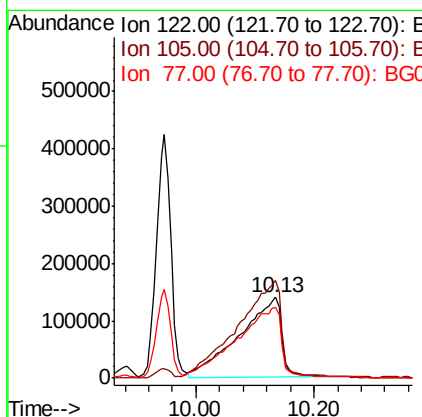
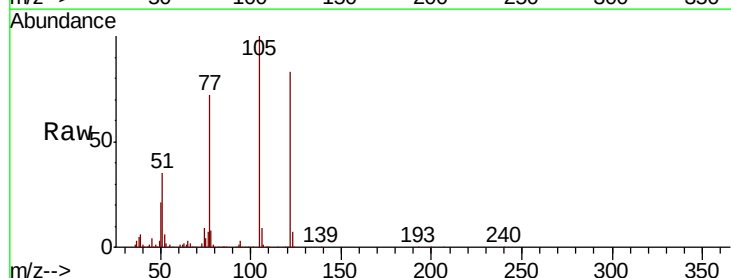
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

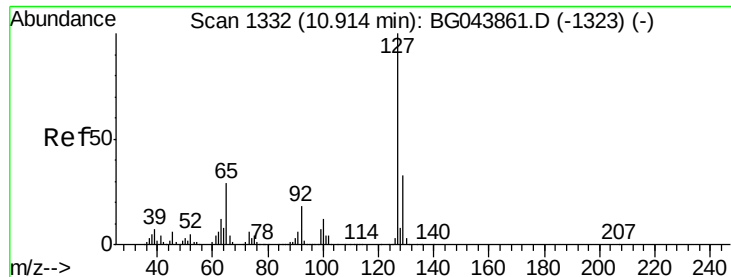
Tot Ion:128 Resp: 2460177
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.6
127 18.0 12.0 18.0



#32
Benzoic acid
Concen: 96.794 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.07 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:122 Resp: 693421
Ion Ratio Lower Upper
122 100
105 120.2 106.4 146.4
77 87.0 74.6 114.6

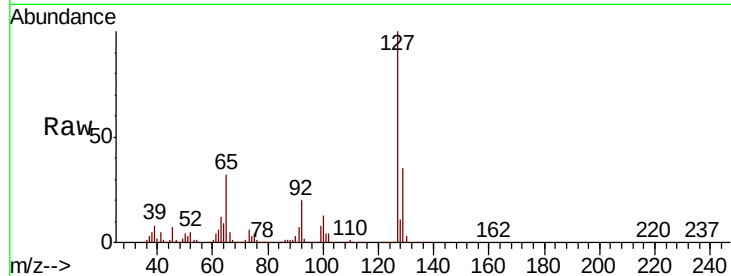




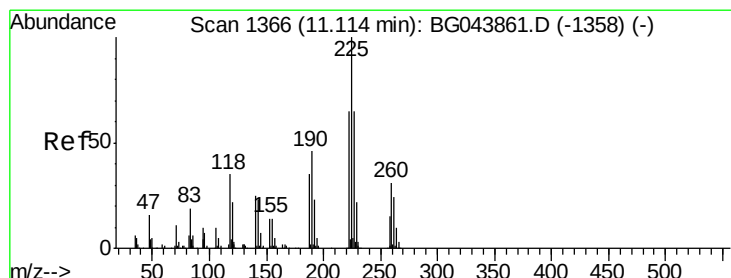
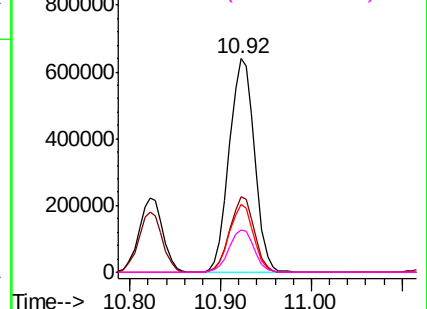
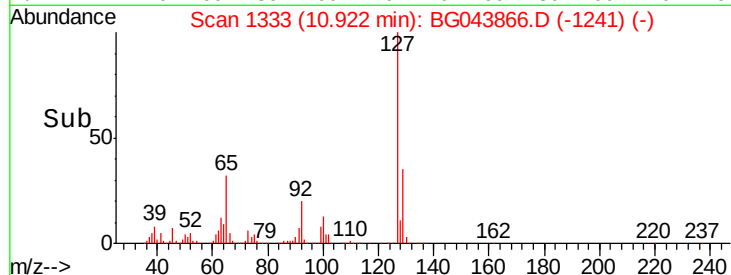
#33
4-Chloroaniline
Concen: 76.373 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:127 Resp: 1239520
Ion Ratio Lower Upper
127 100
129 35.3 26.6 40.0
65 32.0 23.3 34.9
92 19.8 14.7 22.1

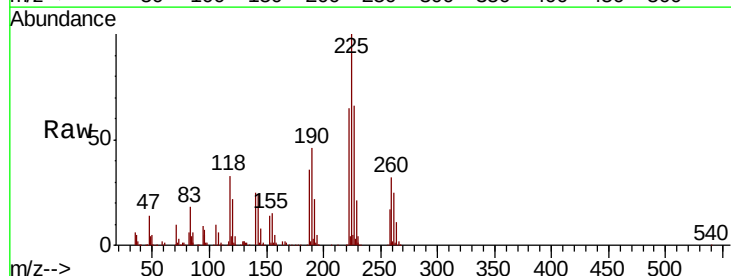


Abundance Ion 127.00 (126.70 to 127.70): E
1000000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

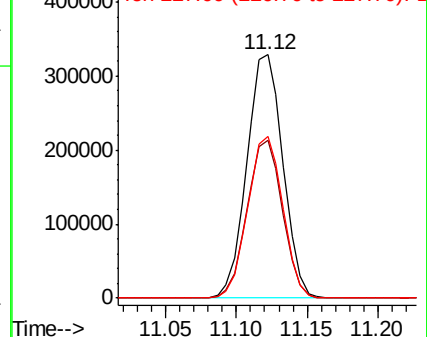
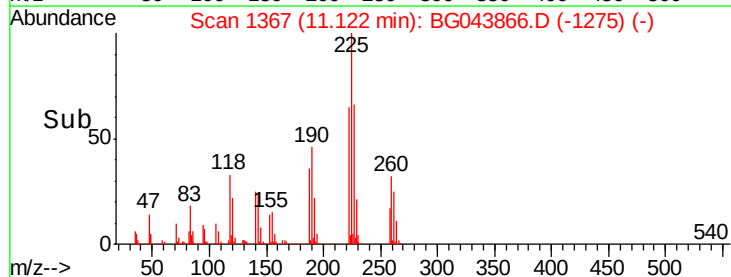


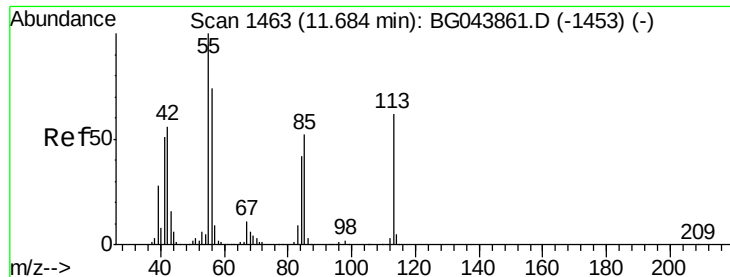
#34
Hexachlorobutadiene
Concen: 77.619 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:225 Resp: 588375
Ion Ratio Lower Upper
225 100
223 64.8 52.2 78.4
227 66.4 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 65.669 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.04 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

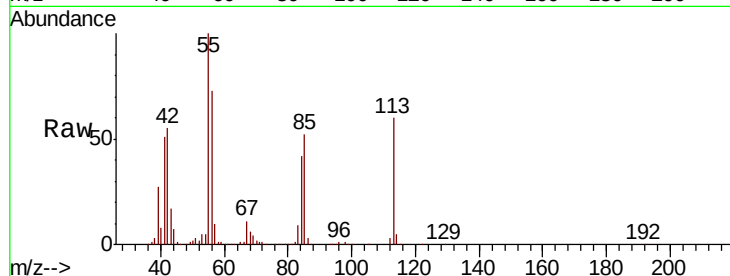
Tot Ion:113 Resp: 269941

Ion Ratio Lower Upper

113 100

55 166.7 142.5 182.5

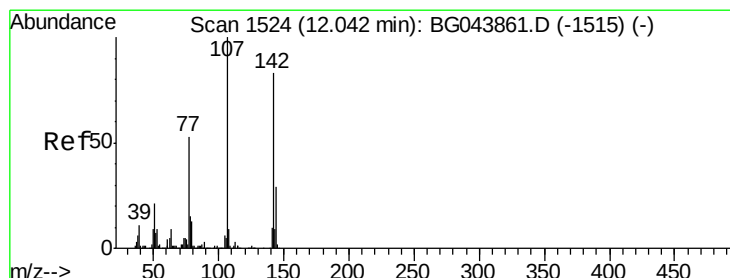
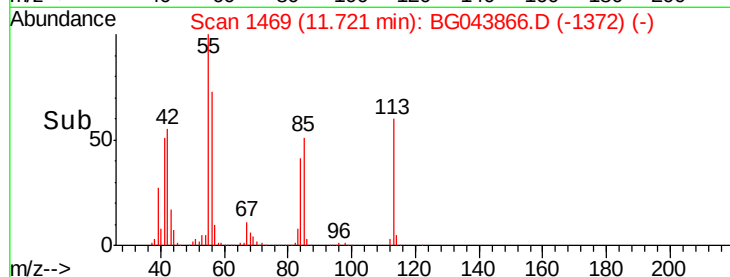
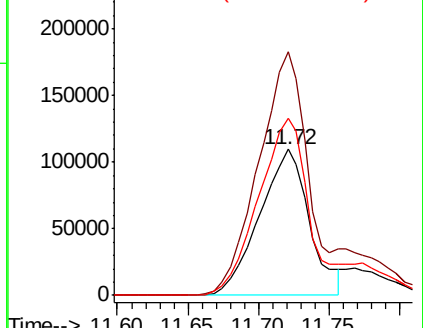
56 121.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 76.299 ng

RT: 12.06 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

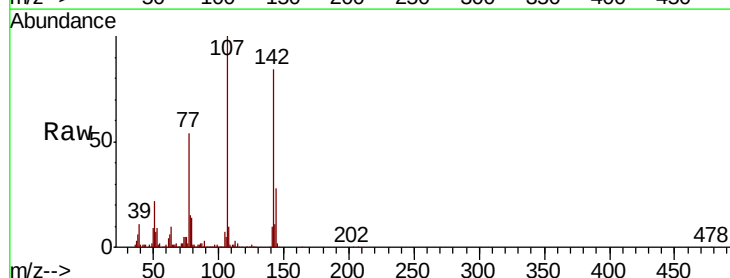
Tgt Ion:107 Resp: 901838

Ion Ratio Lower Upper

107 100

144 28.4 23.4 35.2

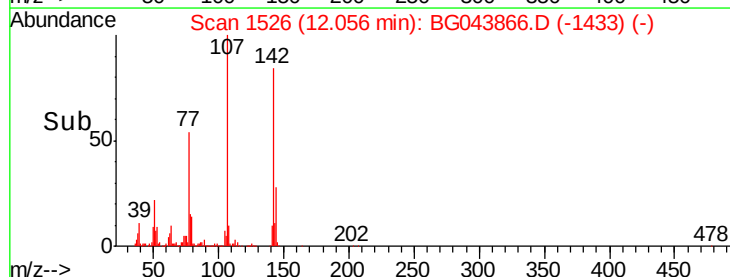
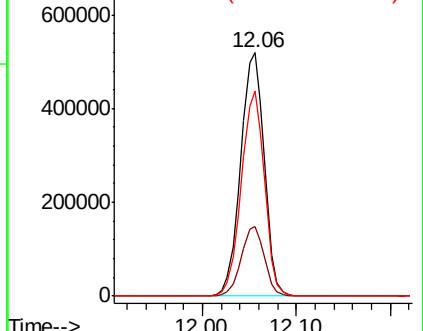
142 84.3 66.3 99.5

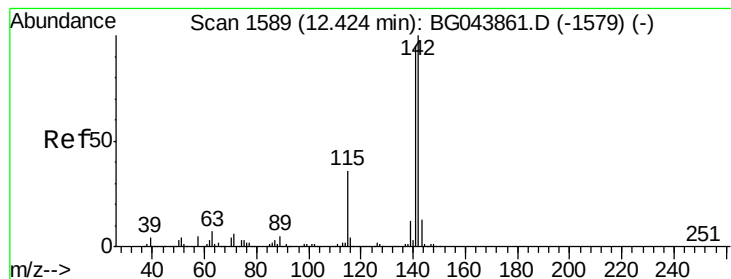


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 73.047 ng

RT: 12.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

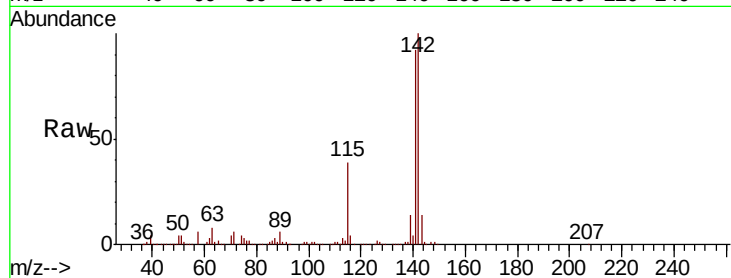
Tot Ion:142 Resp: 1873815

Ion Ratio Lower Upper

142 100

141 92.0 75.8 113.8

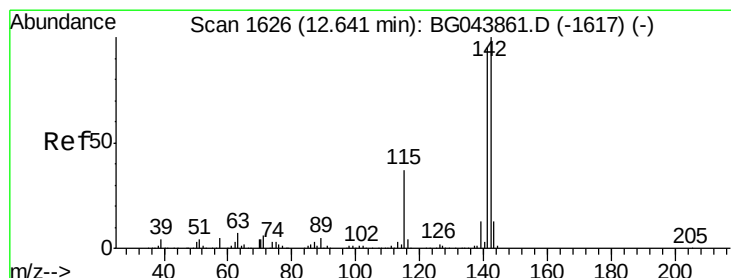
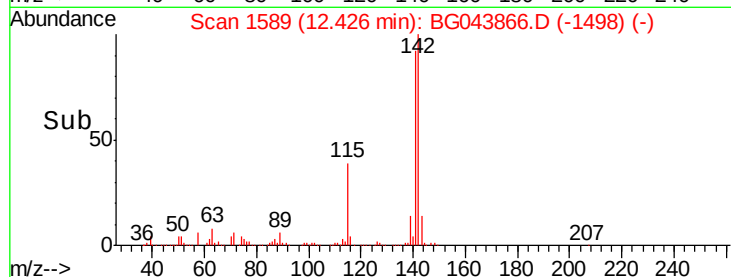
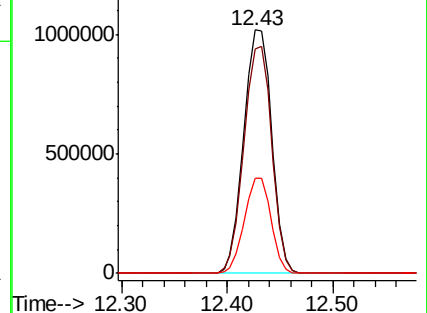
115 38.9 28.6 42.8



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: 72.864 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

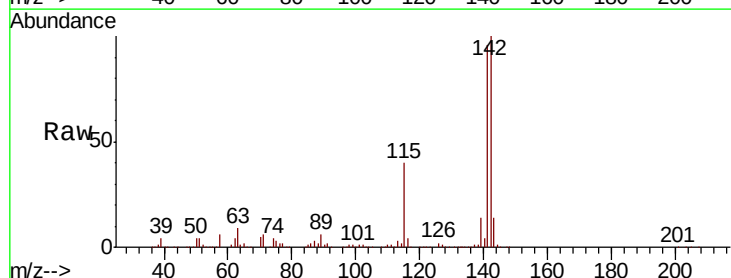
Tgt Ion:142 Resp: 1771634

Ion Ratio Lower Upper

142 100

141 95.7 76.0 114.0

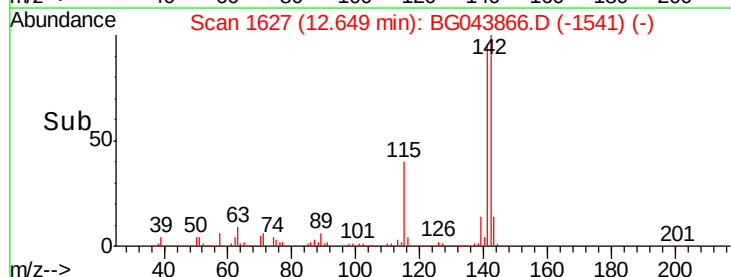
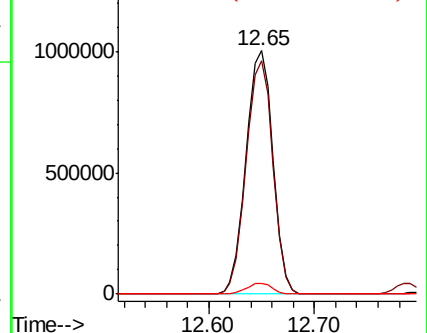
116 4.3 3.1 4.7

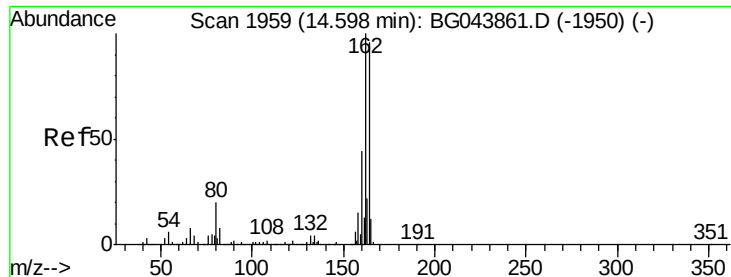


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

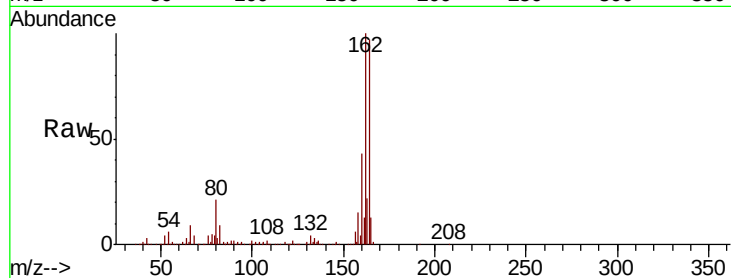
Tot Ion:164 Resp: 438941

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 44.9 36.1 54.1

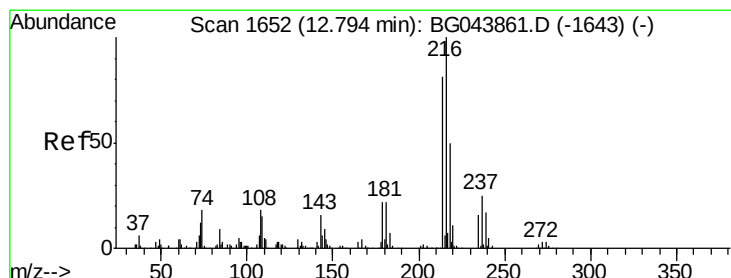
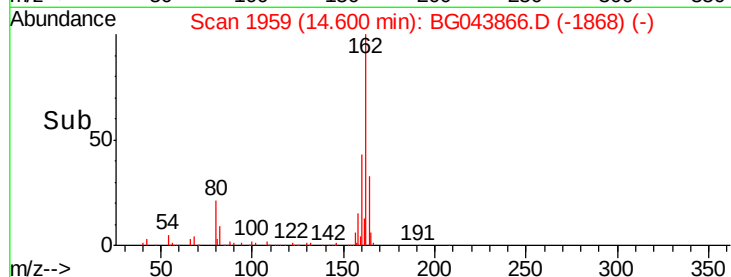
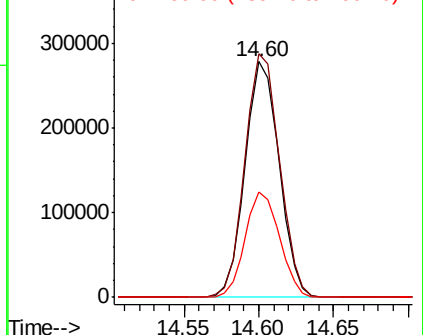


Abundance

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: 77.105 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Tgt Ion:216 Resp: 990983

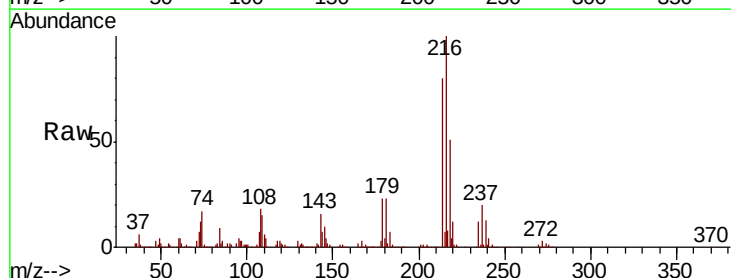
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.8

179 22.4 17.3 25.9

108 19.4 15.3 22.9



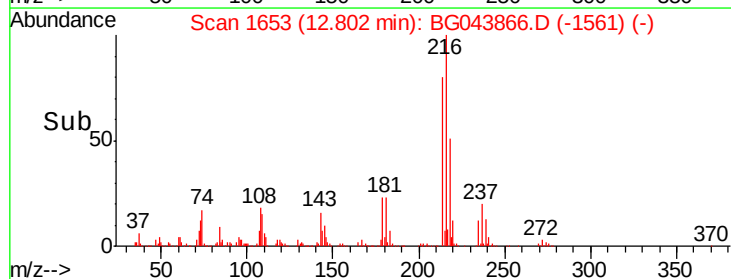
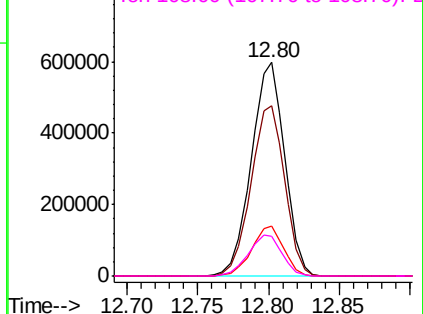
Abundance

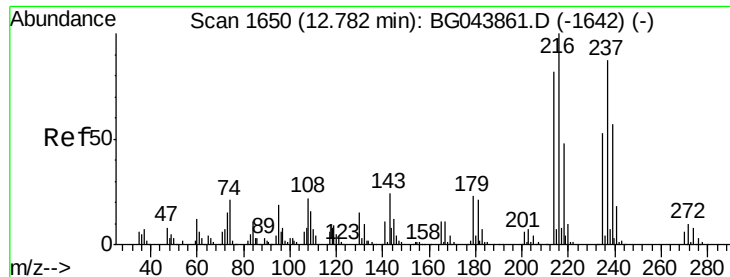
Ion 216.00 (215.70 to 216.70): E

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: 82.506 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

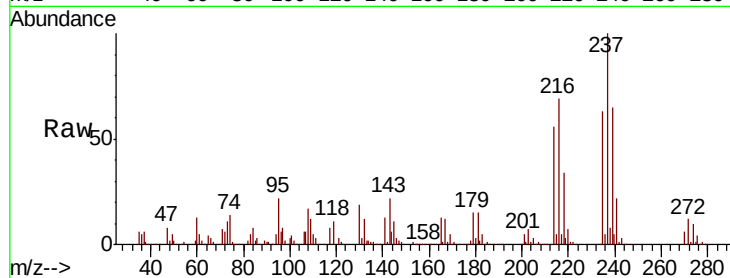
Tot Ion: 237 Resp: 553187

Ion Ratio Lower Upper

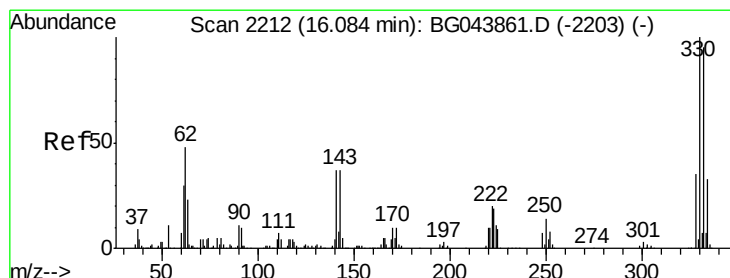
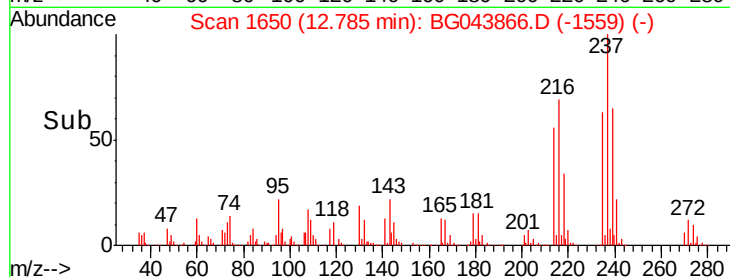
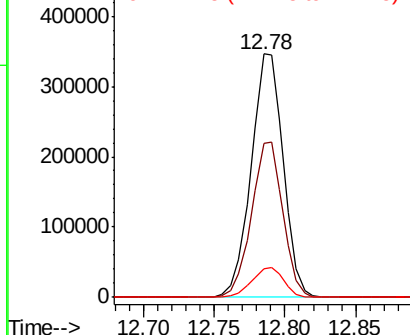
237 100

235 63.1 41.1 81.1

272 11.7 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: 151.960 ng

RT: 16.09 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

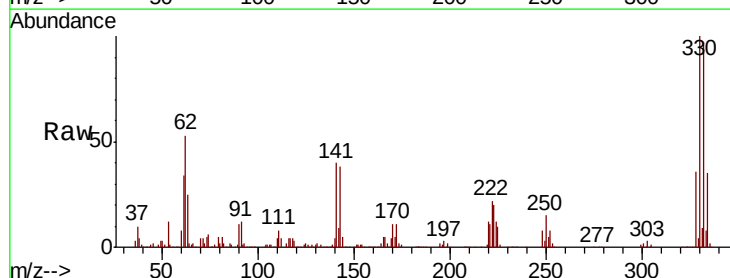
Tgt Ion: 330 Resp: 699465

Ion Ratio Lower Upper

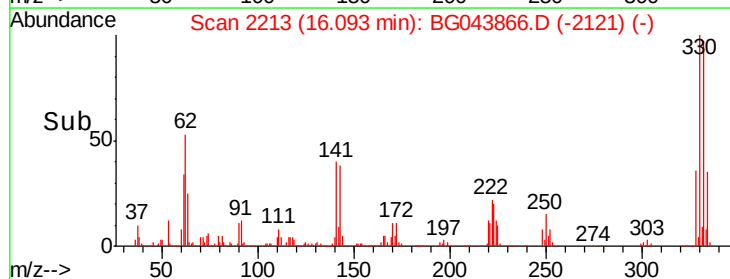
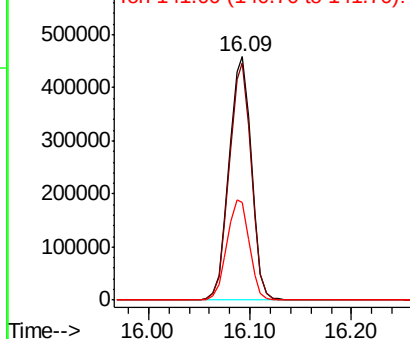
330 100

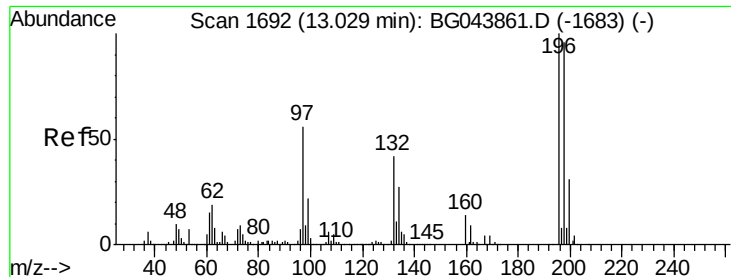
332 96.2 77.2 115.8

141 41.6 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

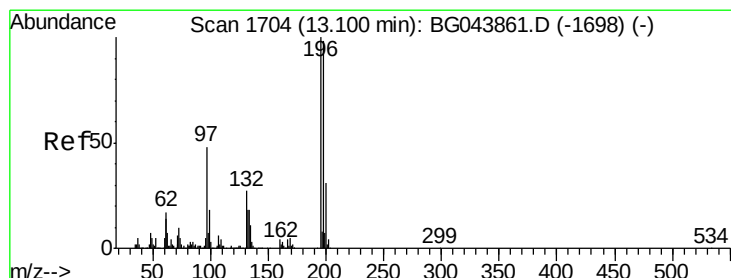
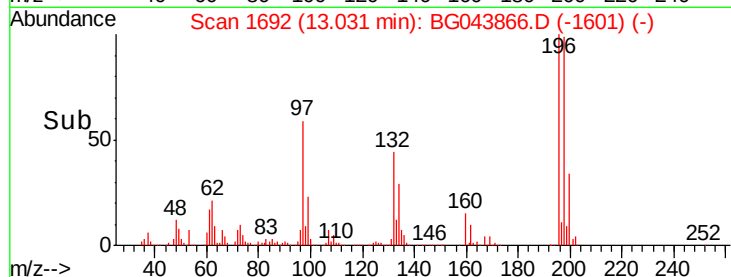
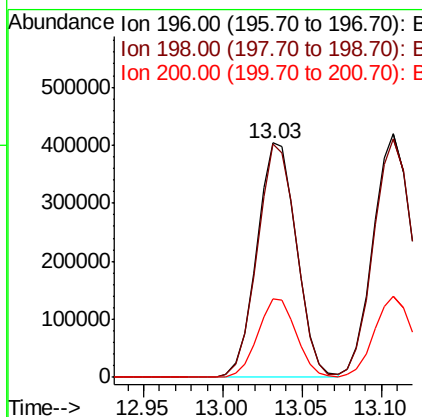
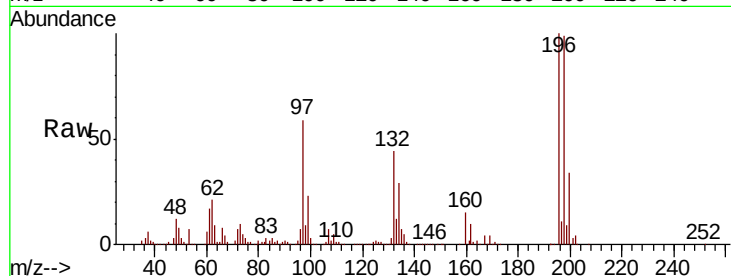




#43
 2,4,6-Trichlorophenol
 Concen: 79.299 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

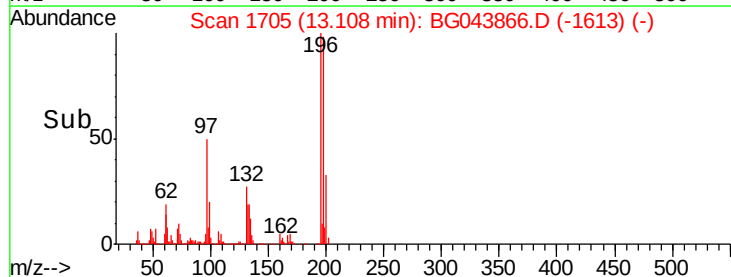
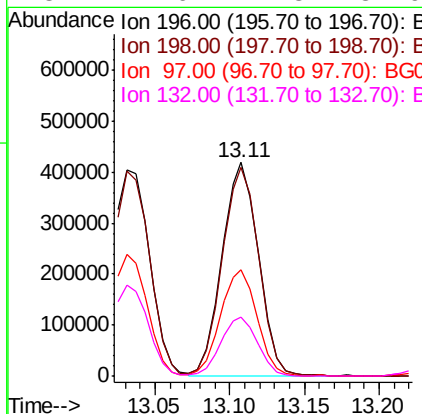
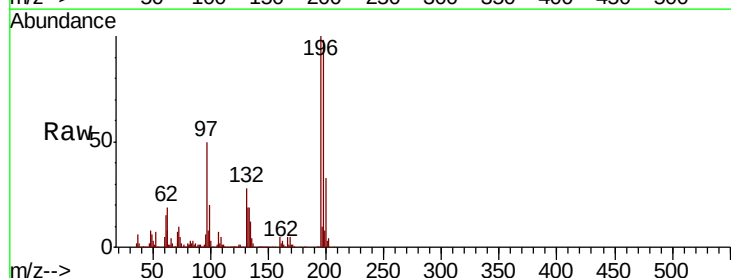
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

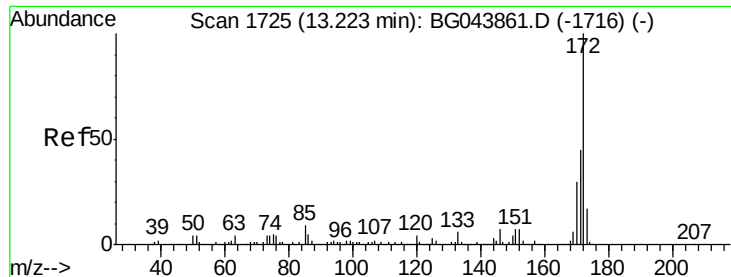
Tot Ion:196 Resp: 703031
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.6 115.0
 200 33.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 77.959 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Tgt Ion:196 Resp: 711299
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.3 117.5
 97 50.1 38.8 58.2
 132 27.6 21.3 31.9

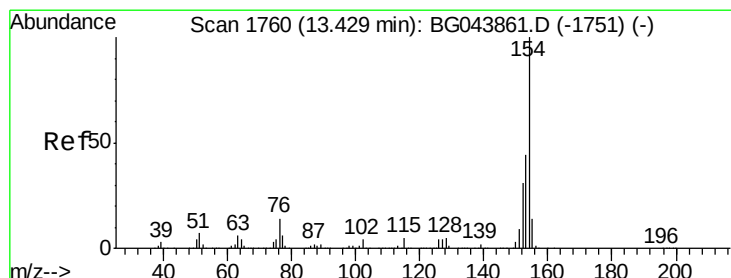
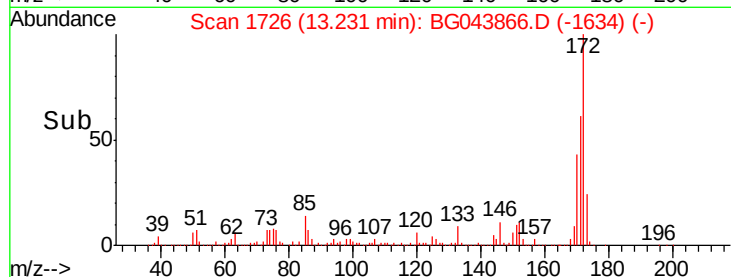
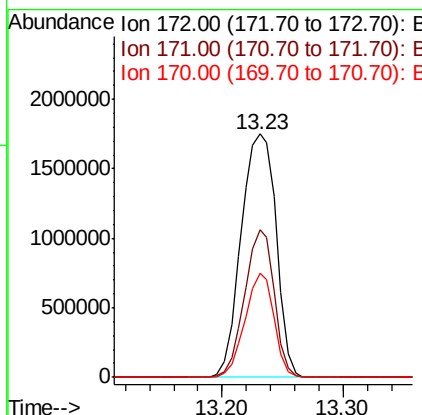
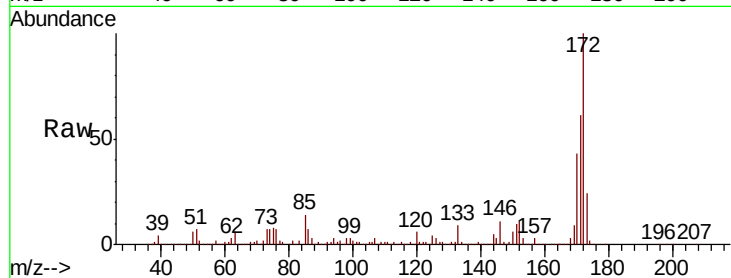




#45
2-Fluorobiphenyl
Concen: 143.581 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

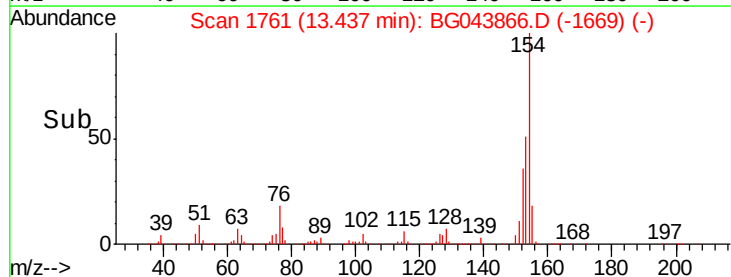
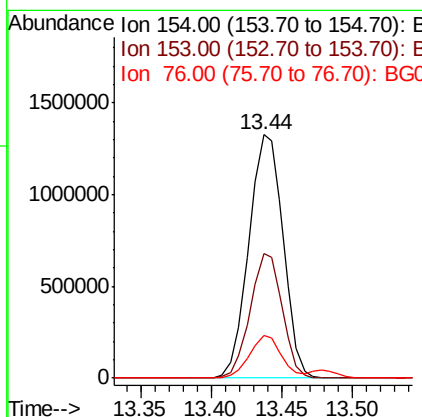
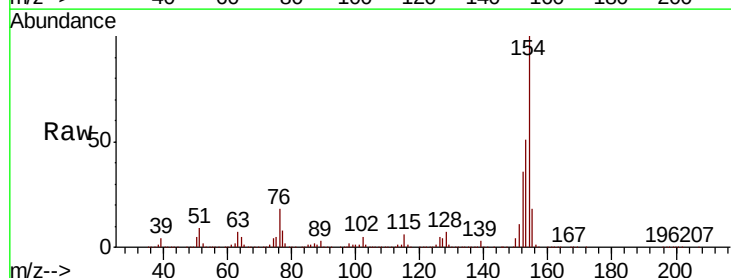
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

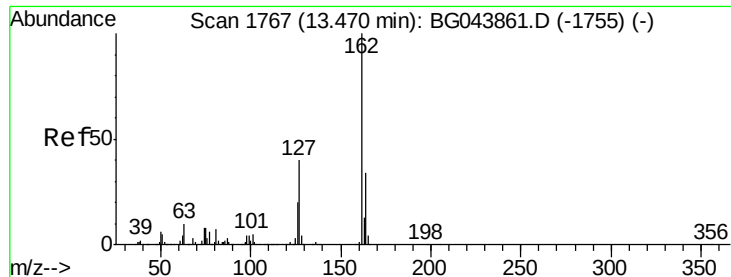
Tot Ion:172 Resp: 3515857
Ion Ratio Lower Upper
172 100
171 60.8 35.8 53.8#
170 42.8 24.2 36.4#



#46
1,1'-Biphenyl
Concen: 71.678 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:154 Resp: 2259627
Ion Ratio Lower Upper
154 100
153 51.0 23.6 63.6
76 17.6 0.0 34.4

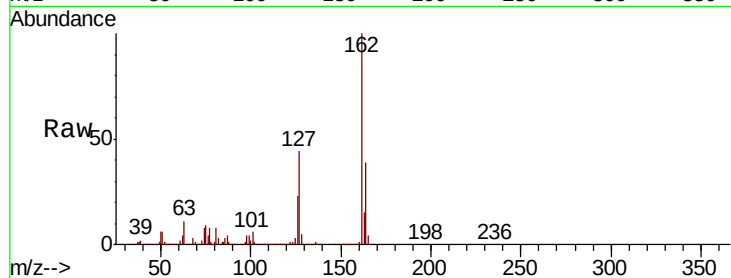




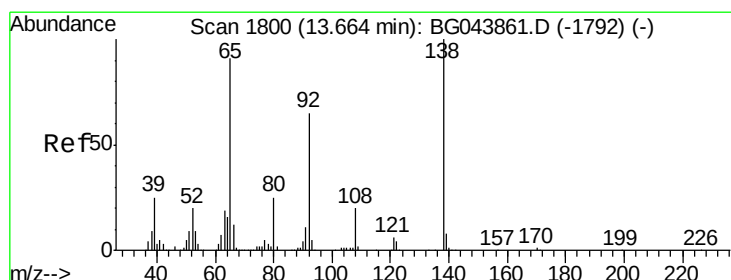
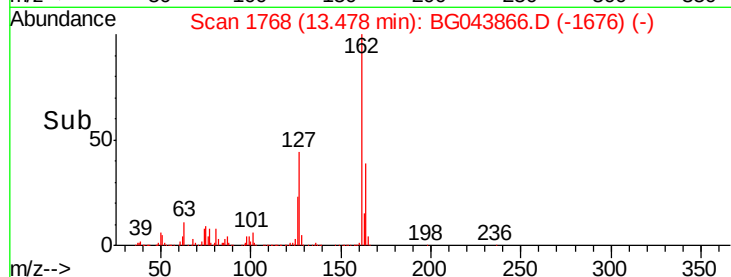
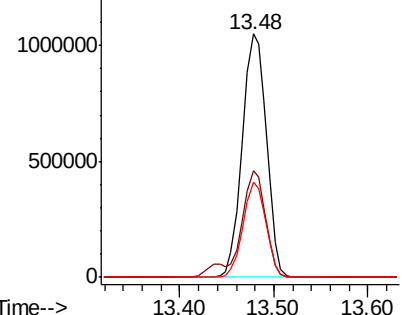
#47
2-Chloronaphthalene
Concen: 73.810 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:162 Resp: 1874784
Ion Ratio Lower Upper
162 100
127 43.8 32.1 48.1
164 38.9 27.5 41.3

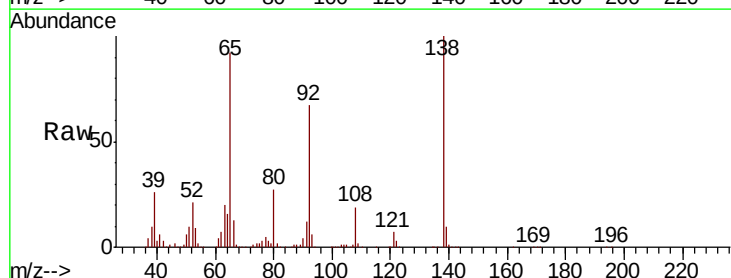


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

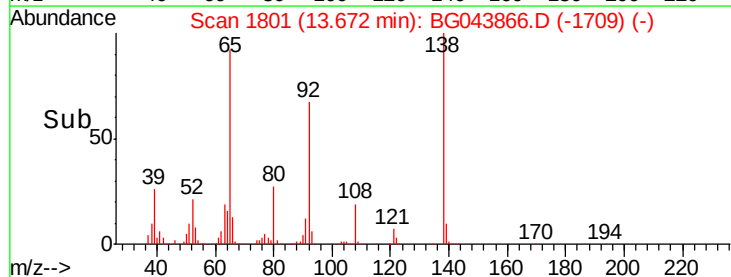
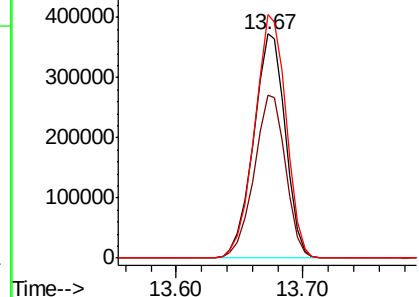


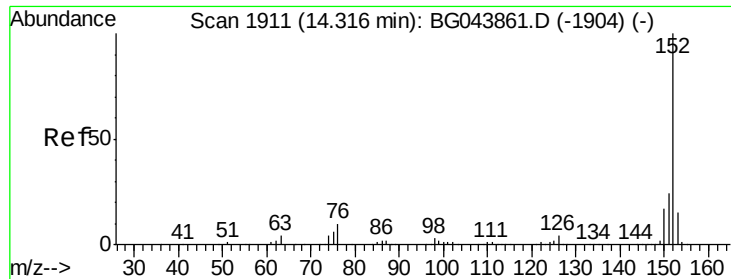
#48
2-Nitroaniline
Concen: 79.412 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion: 65 Resp: 648672
Ion Ratio Lower Upper
65 100
92 72.4 57.4 86.2
138 108.6 88.2 132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 71.321 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

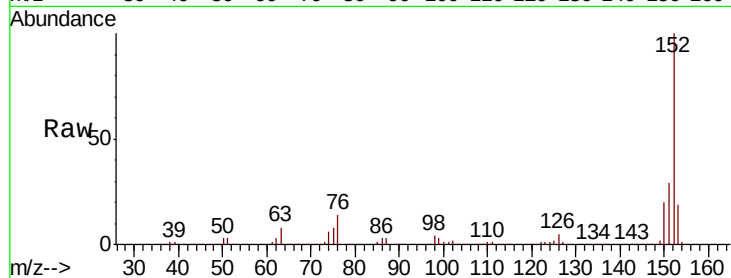
Tot Ion:152 Resp: 2602267

Ion Ratio Lower Upper

152 100

151 29.2 19.4 29.2#

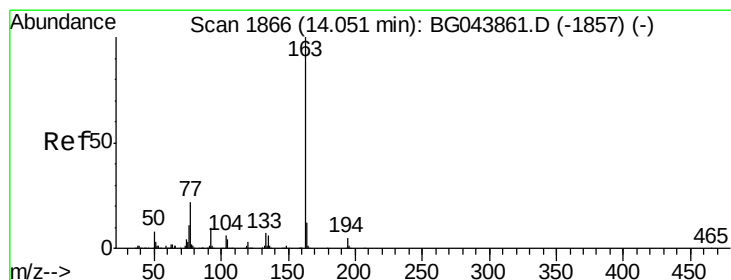
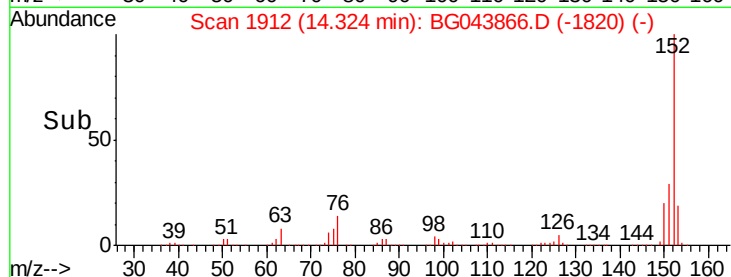
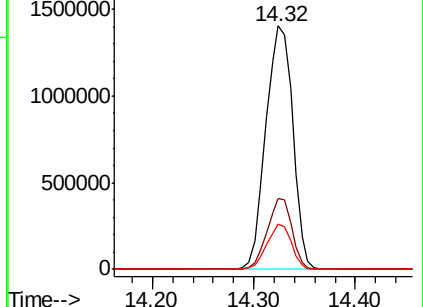
153 18.7 12.0 18.0#



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: 69.338 ng

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

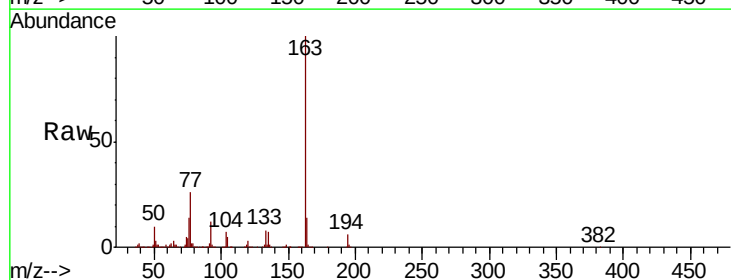
Tgt Ion:163 Resp: 2164646

Ion Ratio Lower Upper

163 100

194 5.5 3.7 5.5

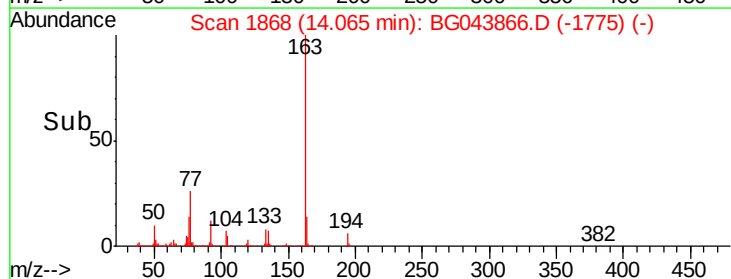
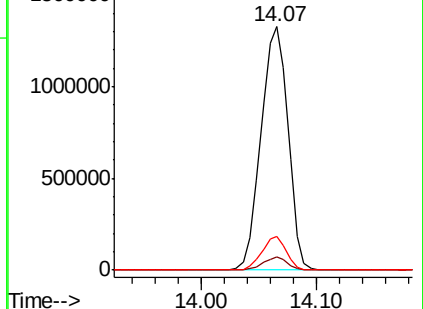
164 13.7 9.3 13.9

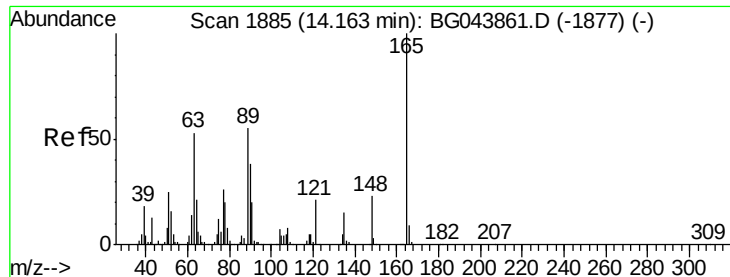


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

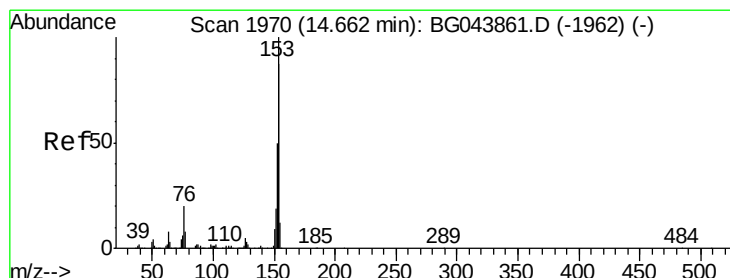
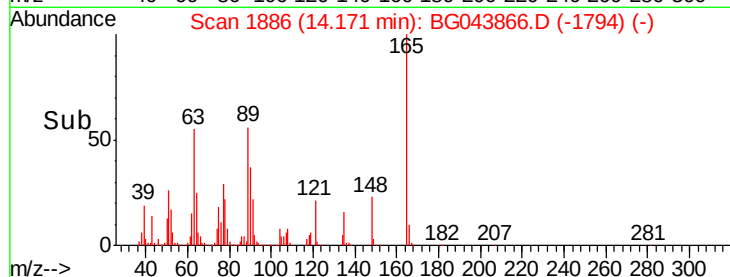
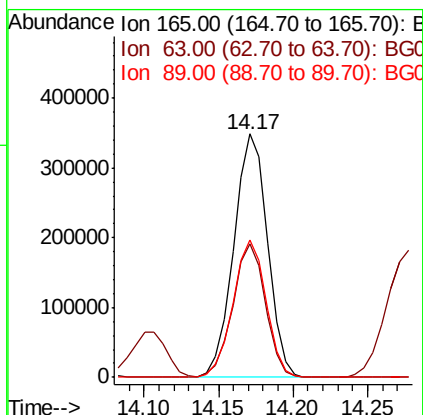
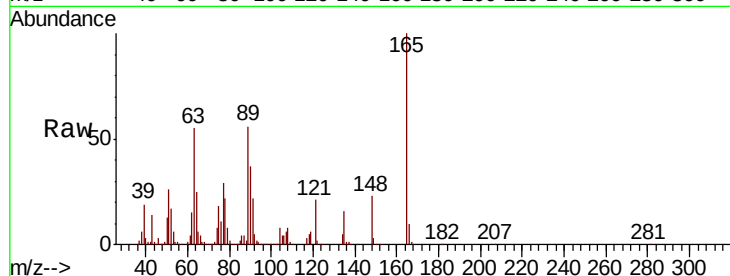




#51
2,6-Dinitrotoluene
Concen: 77.509 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

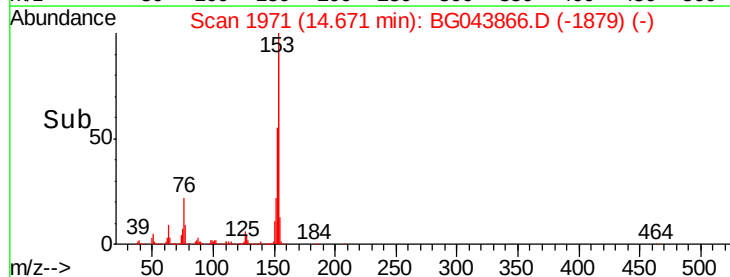
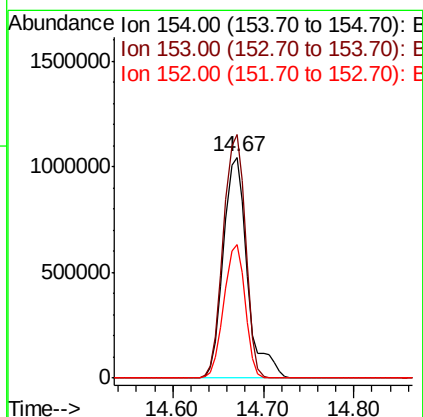
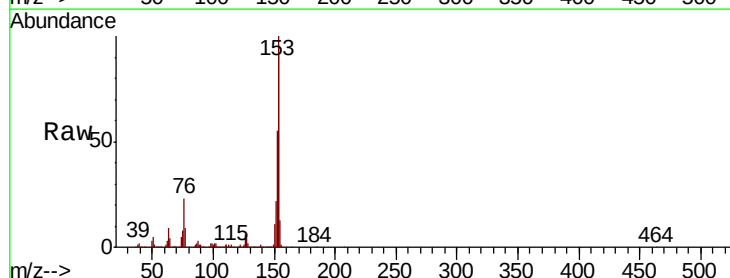
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

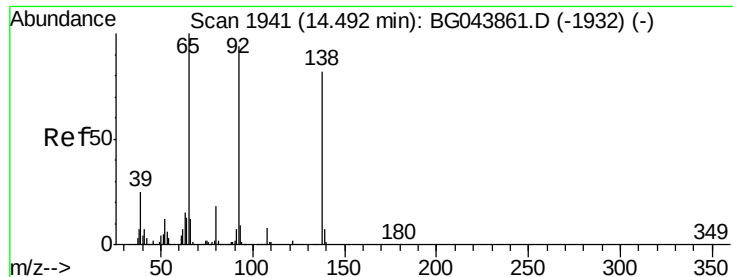
Tot Ion:165 Resp: 546183
Ion Ratio Lower Upper
165 100
63 55.1 43.1 64.7
89 56.2 43.8 65.6



#52
Acenaphthene
Concen: 75.252 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:154 Resp: 1926462
Ion Ratio Lower Upper
154 100
153 110.1 91.6 137.4
152 60.4 45.4 68.0

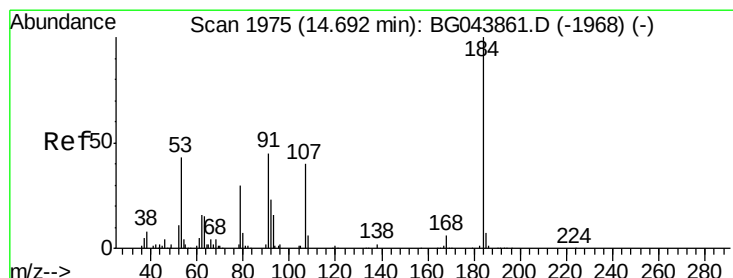
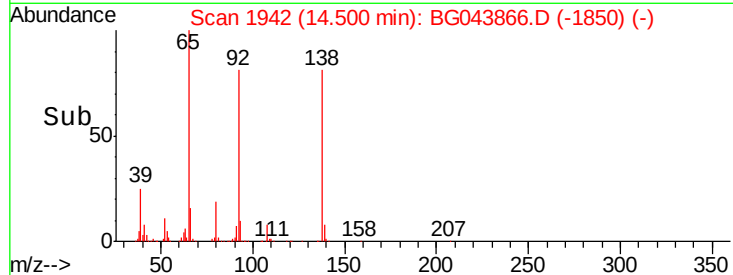
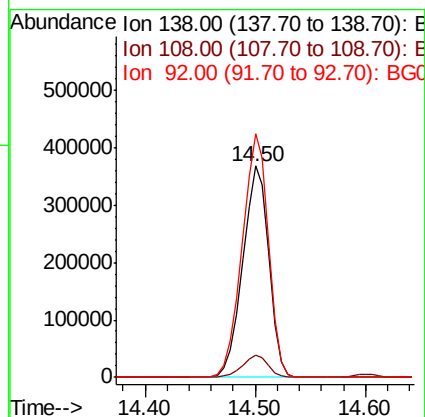
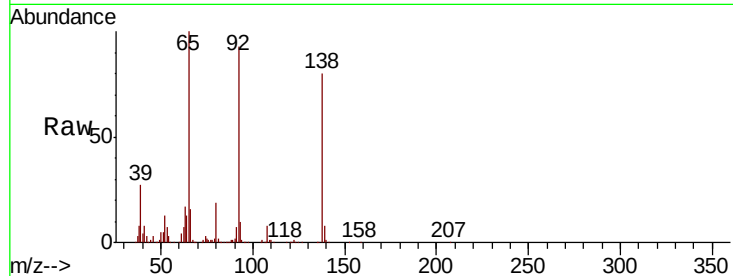




#53
3-Nitroaniline
Concen: 76.414 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

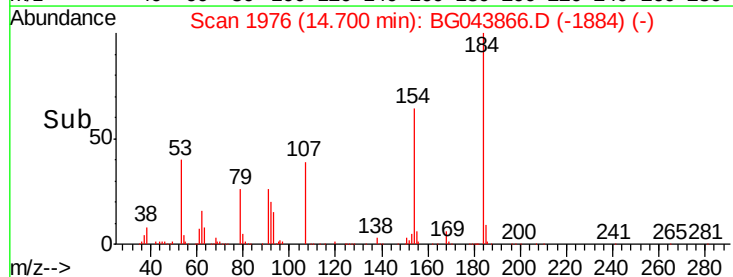
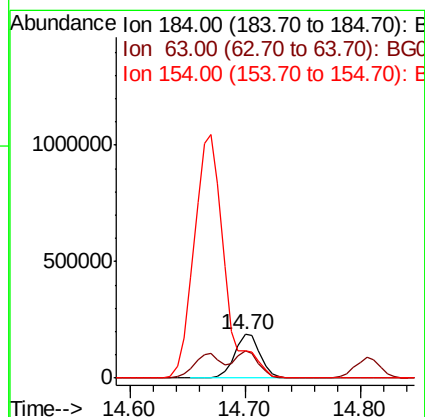
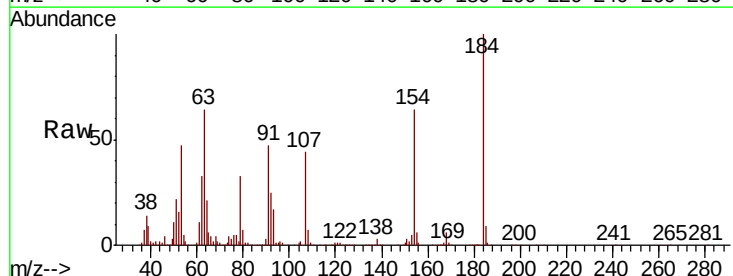
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

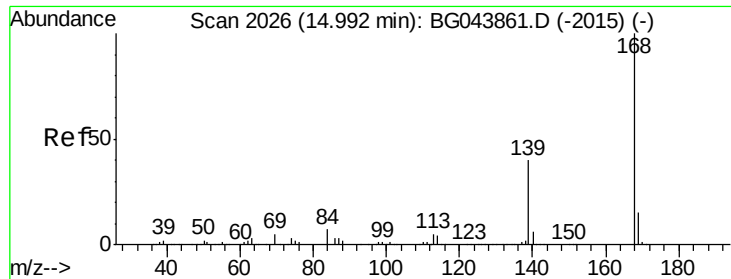
Tot Ion:138 Resp: 611999
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 115.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 91.672 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:184 Resp: 290385
Ion Ratio Lower Upper
184 100
63 63.9 46.6 70.0
154 63.9 50.2 75.4

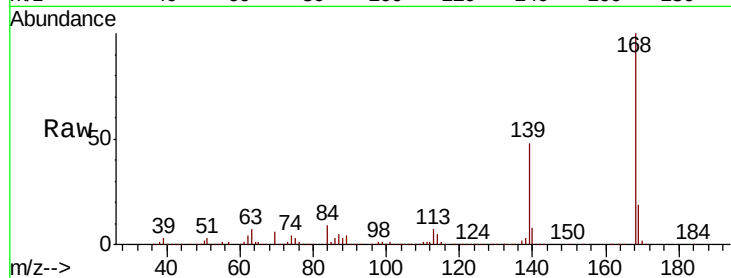




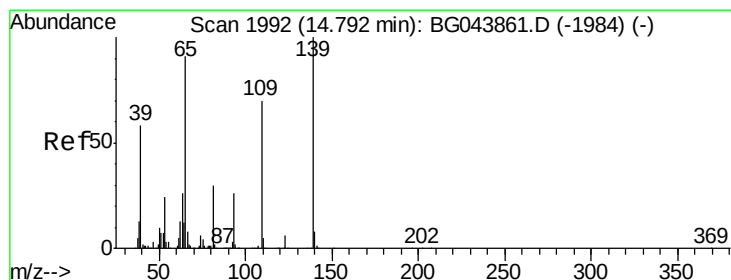
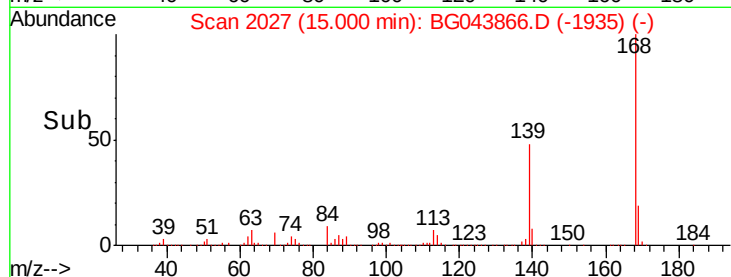
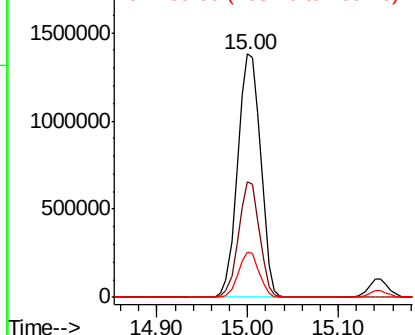
#55
Dibenzofuran
Concen: 68.825 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:168 Resp: 2430369
Ion Ratio Lower Upper
168 100
139 47.7 32.2 48.2
169 18.7 12.2 18.2#

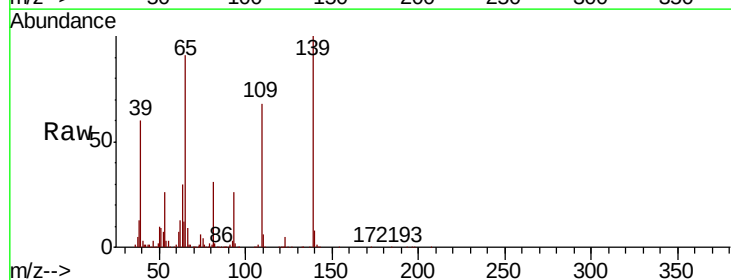


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

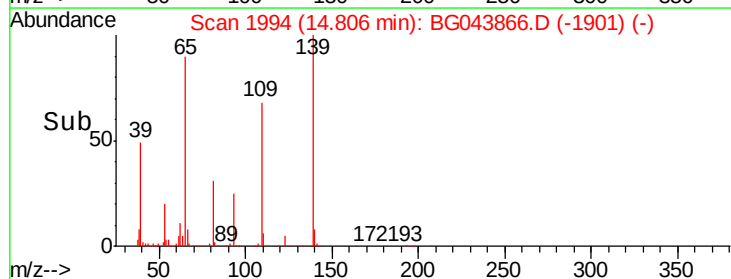
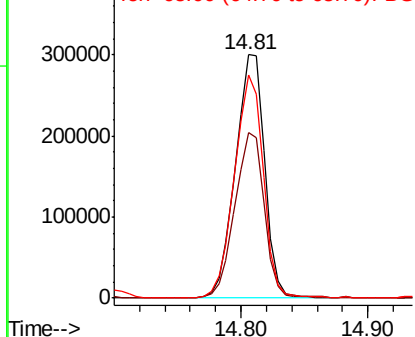


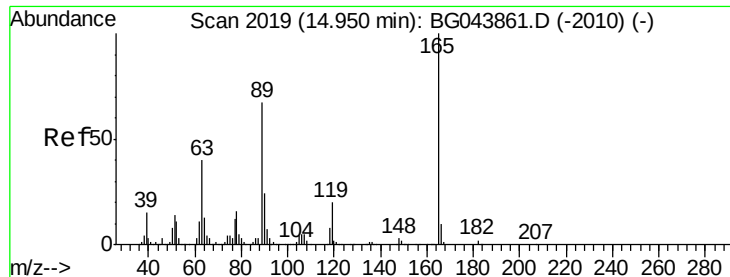
#56
4-Nitrophenol
Concen: 78.181 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:139 Resp: 480272
Ion Ratio Lower Upper
139 100
109 67.9 50.4 90.4
65 91.4 71.4 111.4



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

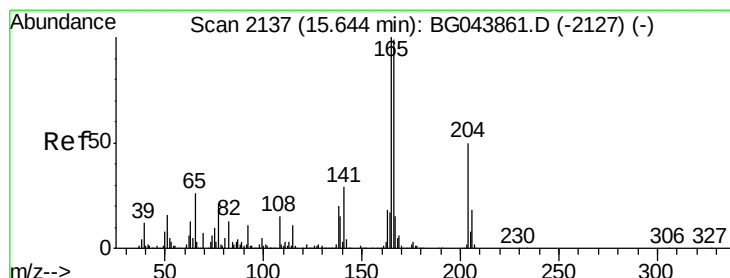
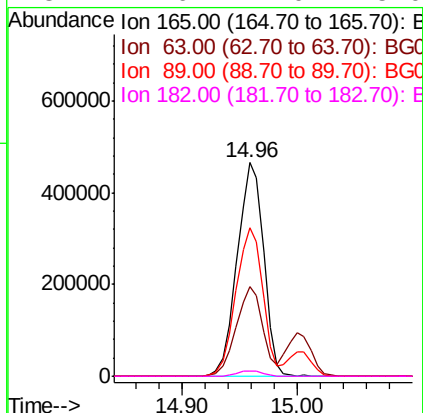
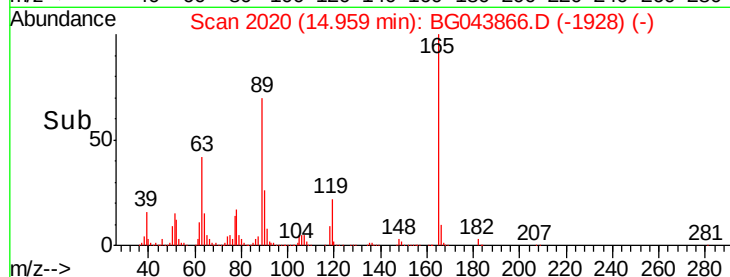
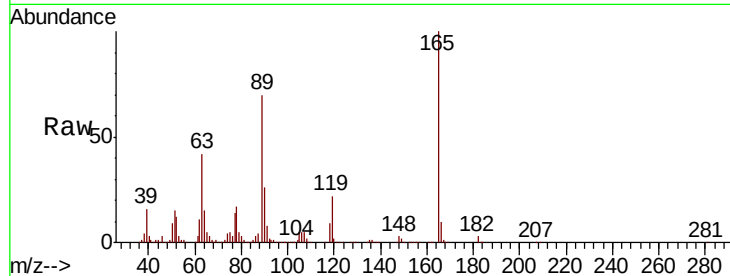




#57
2,4-Dinitrotoluene
Concen: 76.657 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

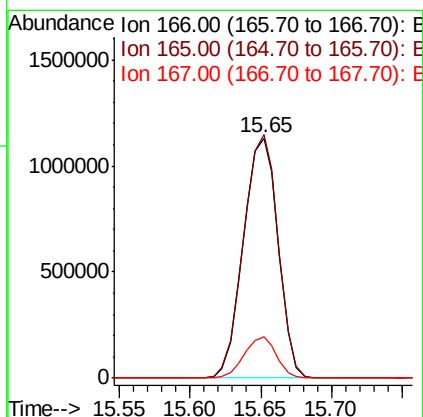
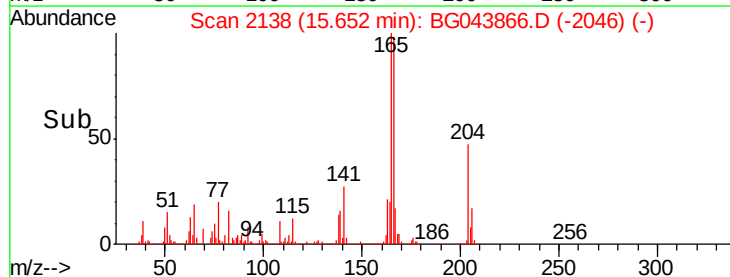
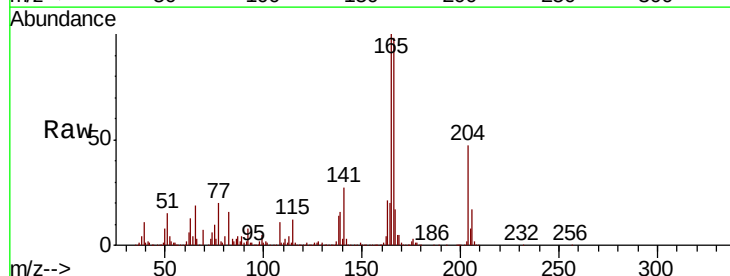
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

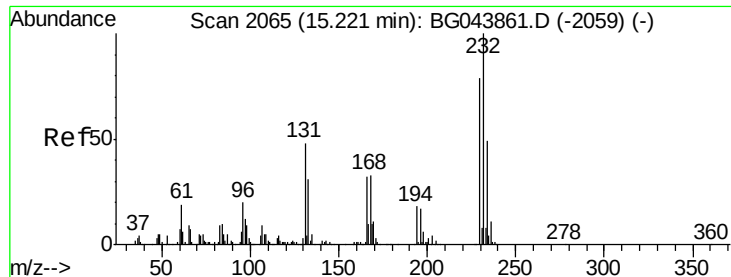
Tot Ion:165 Resp: 735086
Ion Ratio Lower Upper
165 100
63 41.7 31.9 47.9
89 69.8 53.8 80.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 69.616 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:166 Resp: 1947590
Ion Ratio Lower Upper
166 100
165 101.5 80.8 121.2
167 17.4 12.1 18.1

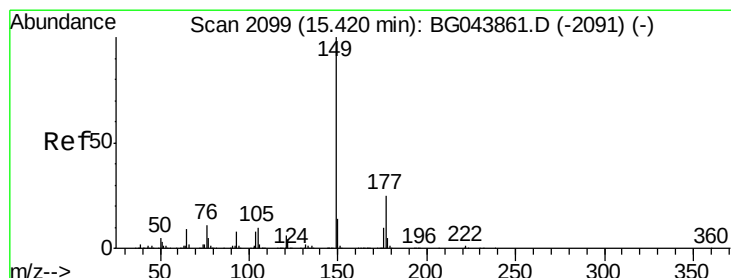
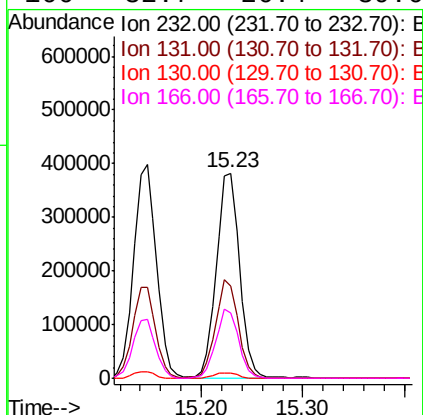
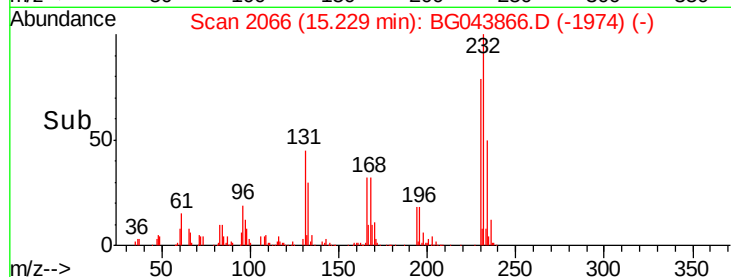
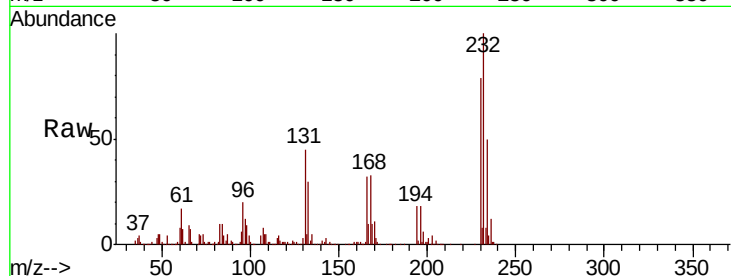




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 77.338 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

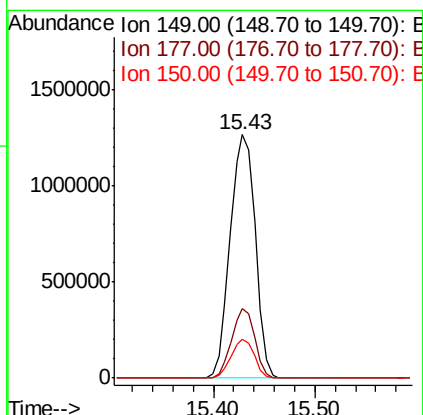
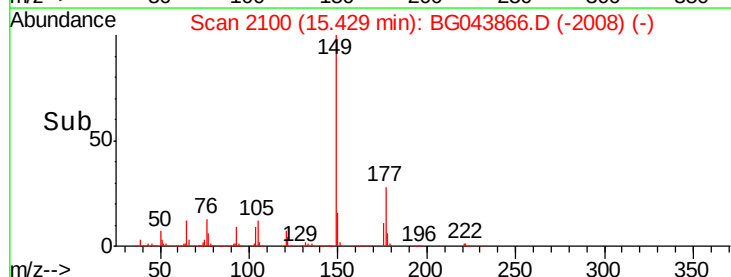
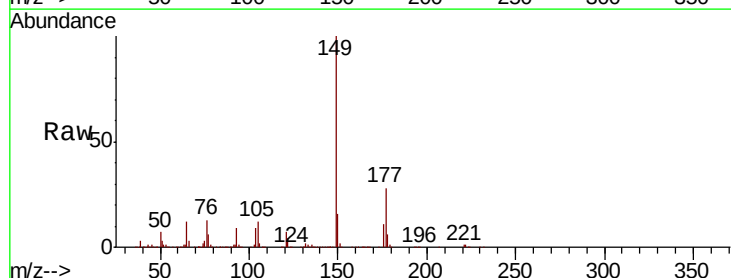
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG123019

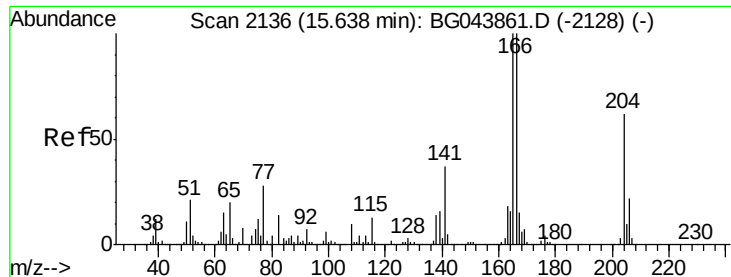
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	38.2	57.2
130	2.8	2.2	3.2
166	32.7	26.4	39.6



#60
 Diethylphthalate
 Concen: 69.584 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	28.4	20.0	30.0
150	16.2	11.1	16.7

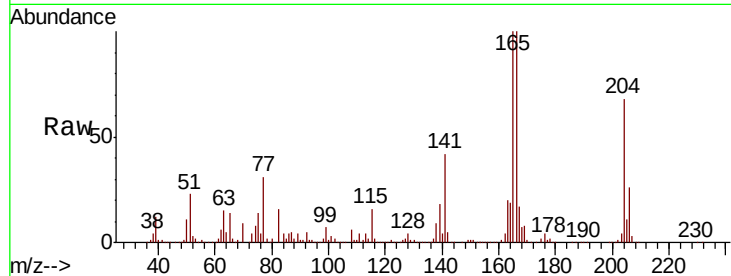




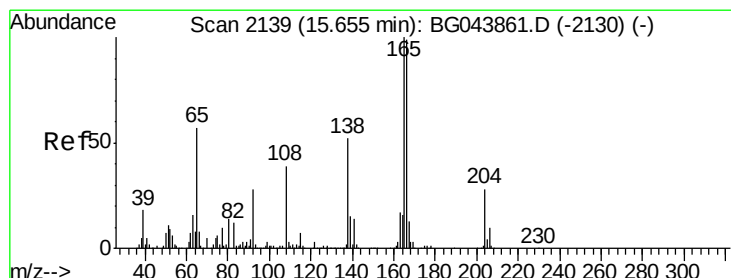
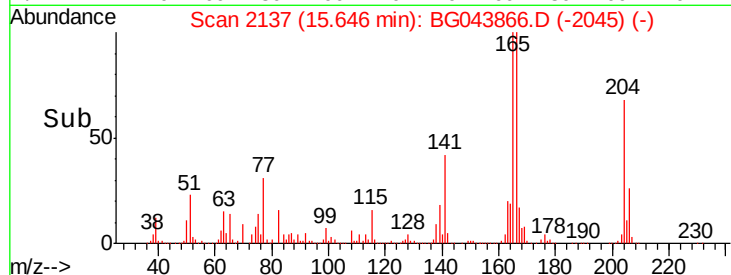
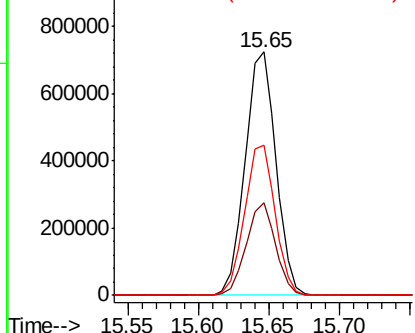
#61
4-Chlorophenyl-phenylether
Concen: 72.786 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:204 Resp: 1105438
Ion Ratio Lower Upper
204 100
206 37.9 28.2 42.2
141 61.7 48.2 72.2

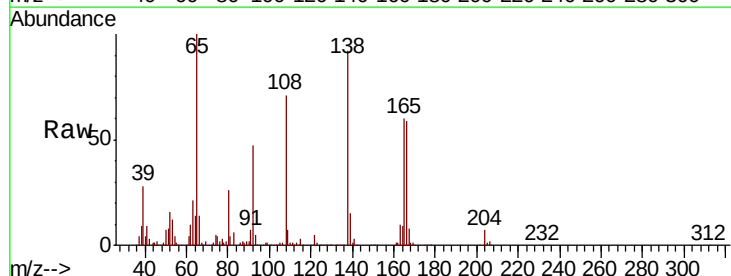


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

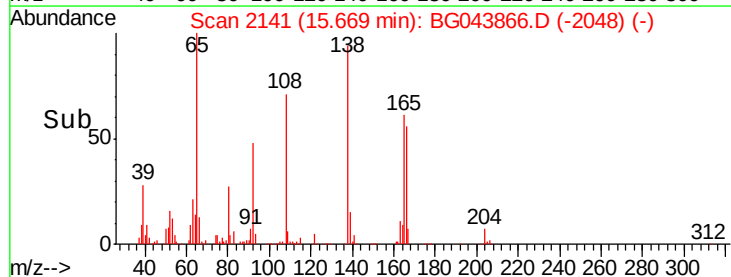
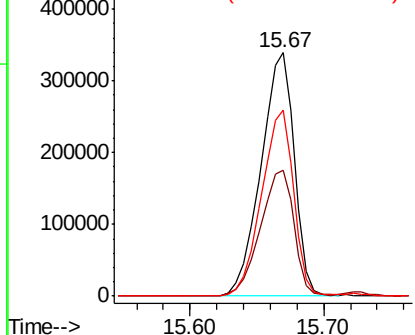


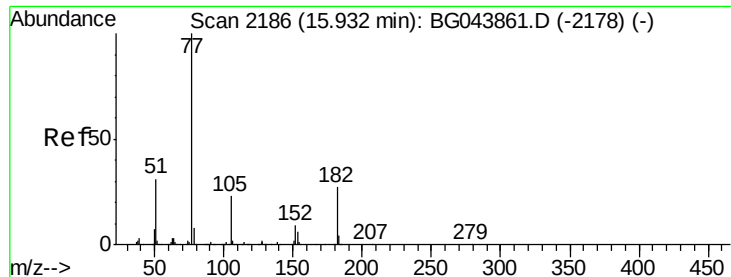
#62
4-Nitroaniline
Concen: 74.207 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:138 Resp: 586411
Ion Ratio Lower Upper
138 100
92 51.4 34.3 74.3
108 76.4 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: 70.461 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

Tot Ion: 77 Resp: 2038586

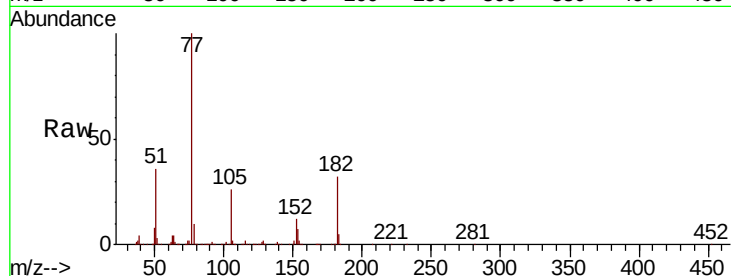
Ion	Ratio	Lower	Upper
77	100		
182	31.9	7.3	47.3
105	26.2	3.2	43.2
51	35.6	10.6	50.6

77 100

182 31.9 7.3 47.3

105 26.2 3.2 43.2

51 35.6 10.6 50.6

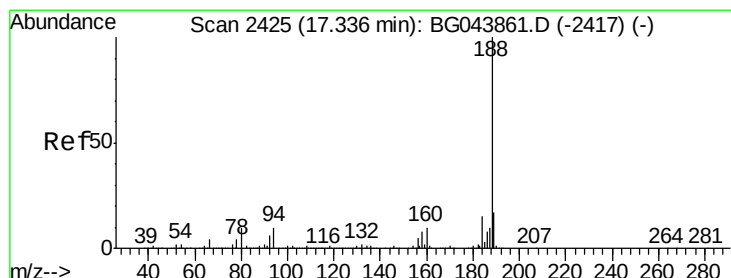
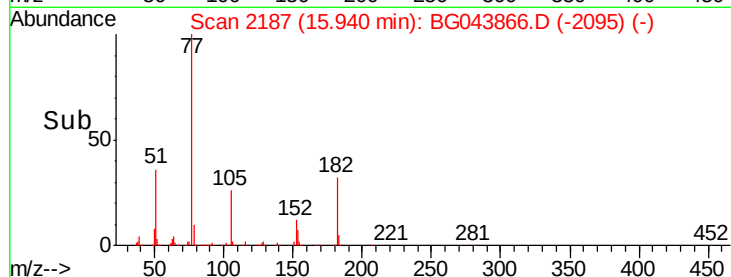
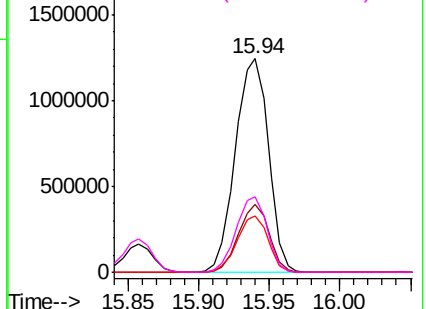


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2426

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

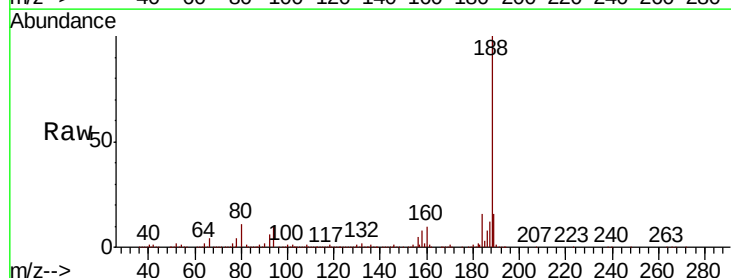
Tgt Ion: 188 Resp: 835436

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	10.9	8.2	12.4

188 100

94 10.1 7.9 11.9

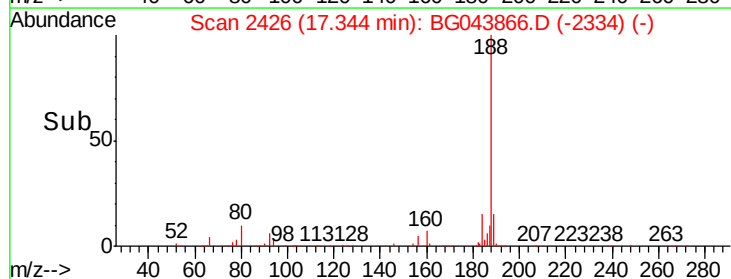
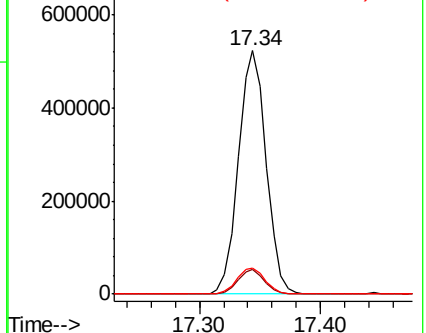
80 10.9 8.2 12.4

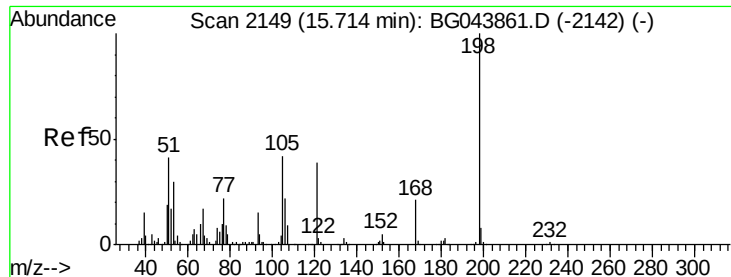


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 90.165 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

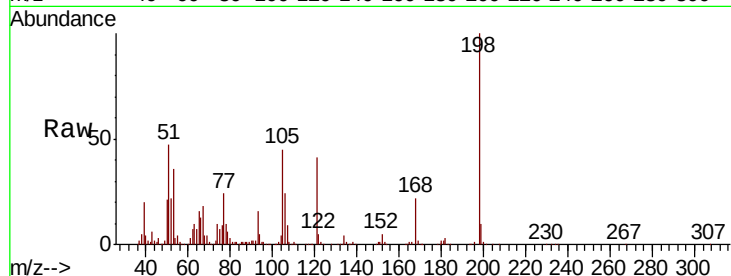
Tot Ion:198 Resp: 365655

Ion Ratio Lower Upper

198 100

51 47.0 22.5 62.5

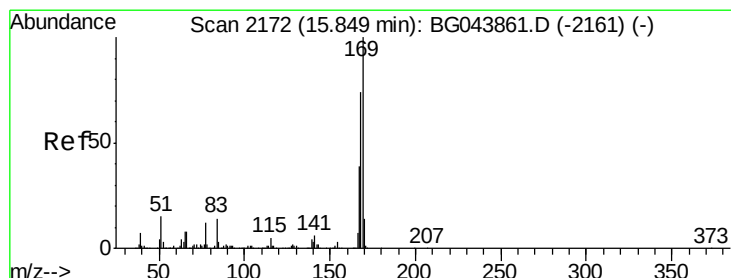
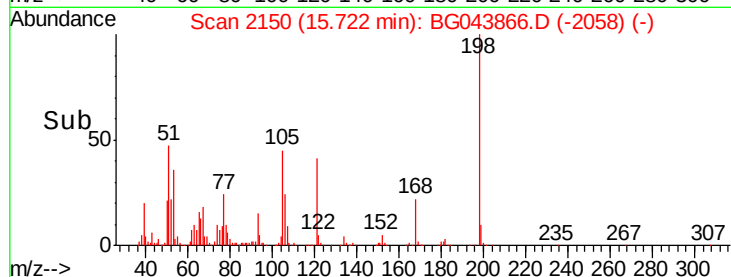
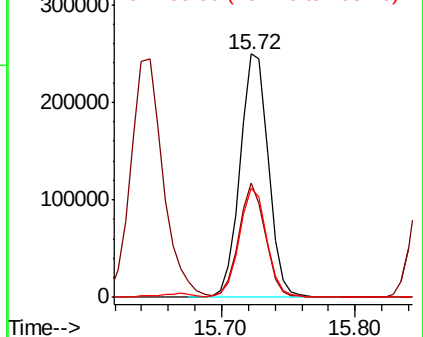
105 44.8 22.3 62.3



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: 73.838 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

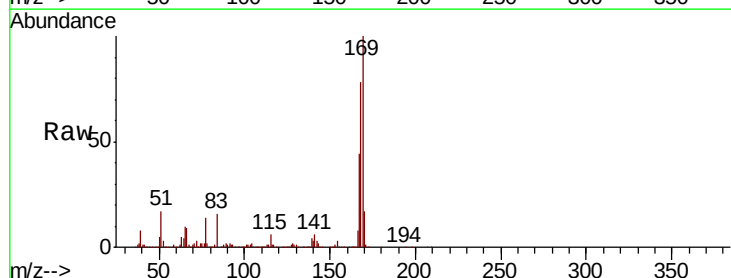
Tgt Ion:169 Resp: 1821627

Ion Ratio Lower Upper

169 100

168 77.6 59.0 88.6

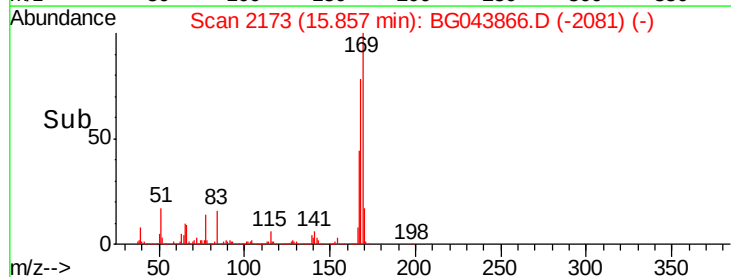
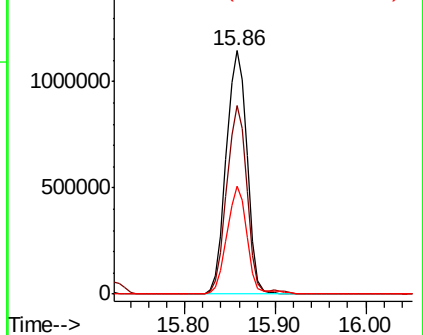
167 44.1 31.4 47.0

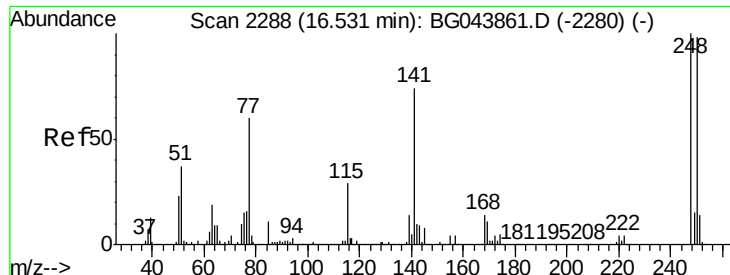


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

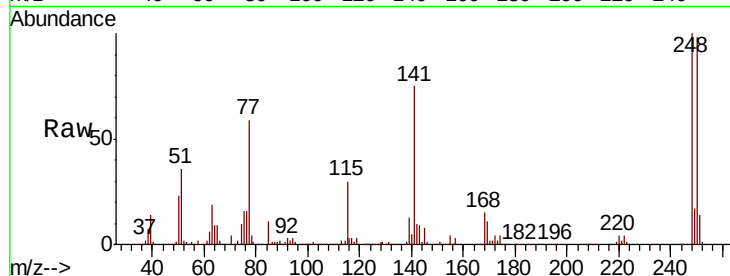




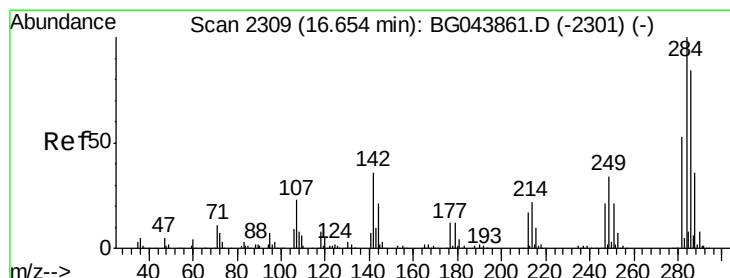
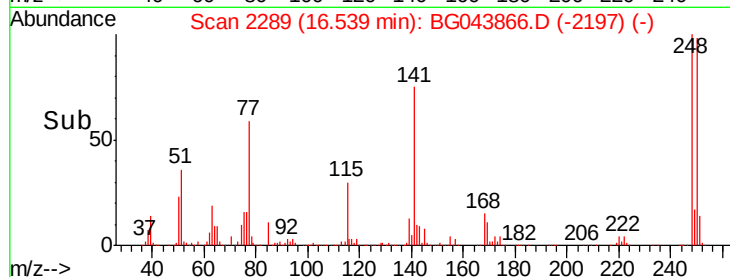
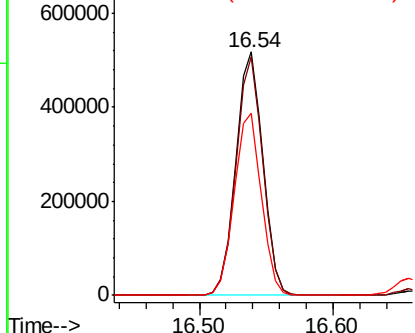
#67
4-Bromophenyl-phenylether
Concen: 77.336 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:248 Resp: 726217
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 74.9 59.3 88.9

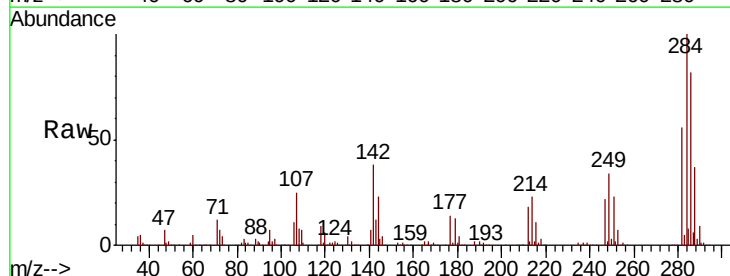


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

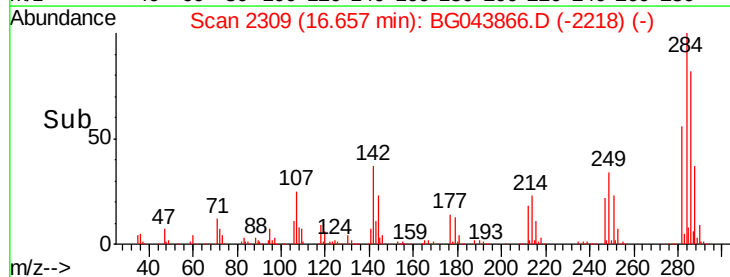
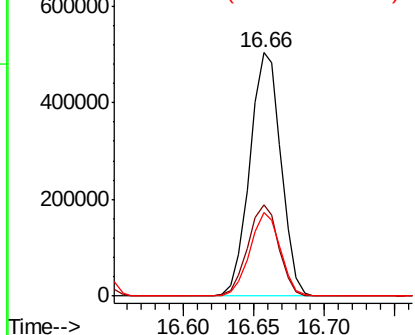


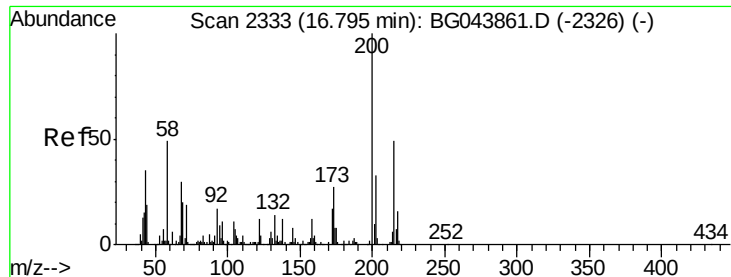
#68
Hexachlorobenzene
Concen: 77.158 ng
RT: 16.66 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:284 Resp: 781826
Ion Ratio Lower Upper
284 100
142 37.5 28.6 43.0
249 34.1 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: 69.745 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

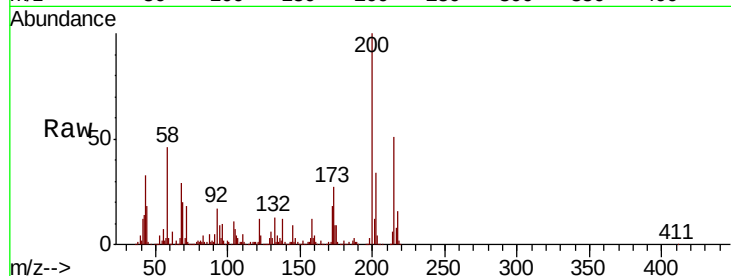
Tot Ion:200 Resp: 558936

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

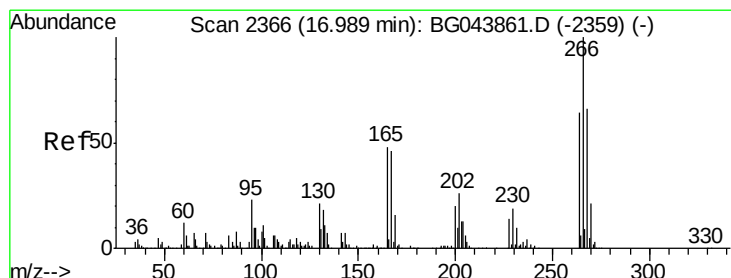
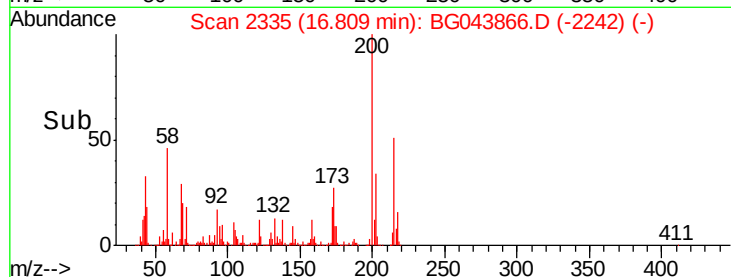
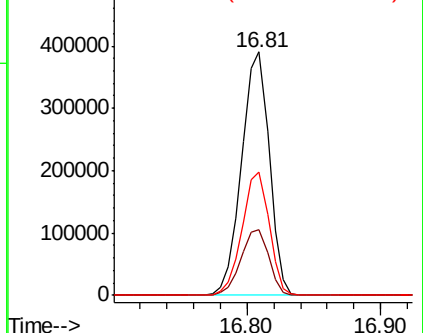
215 50.7 28.6 68.6



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: 83.464 ng

RT: 17.00 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

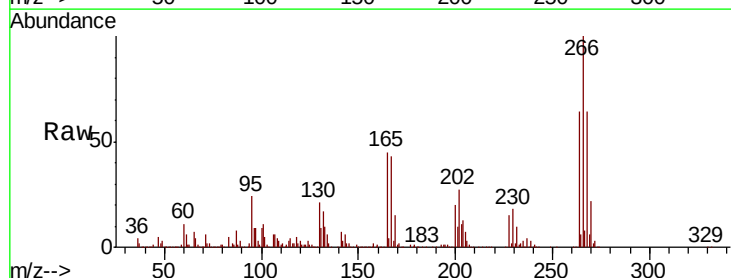
Tgt Ion:266 Resp: 466454

Ion Ratio Lower Upper

266 100

268 64.3 52.6 79.0

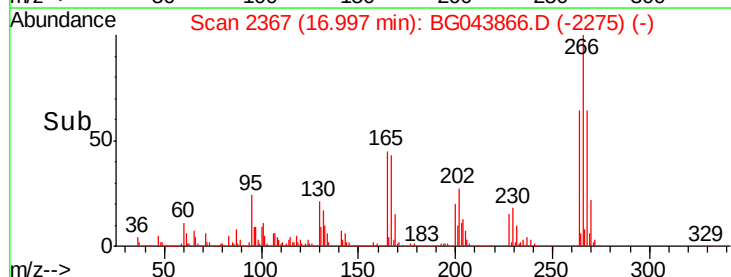
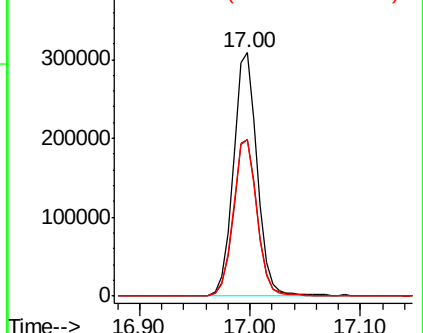
264 64.1 50.8 76.2

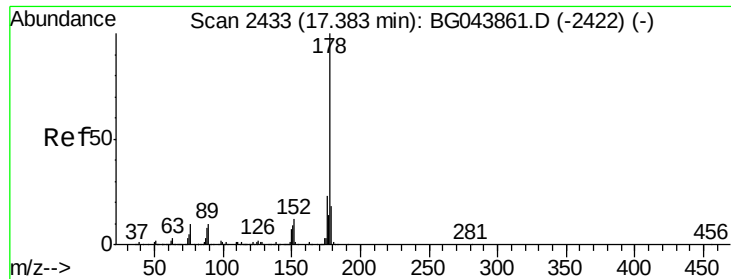


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 69.144 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

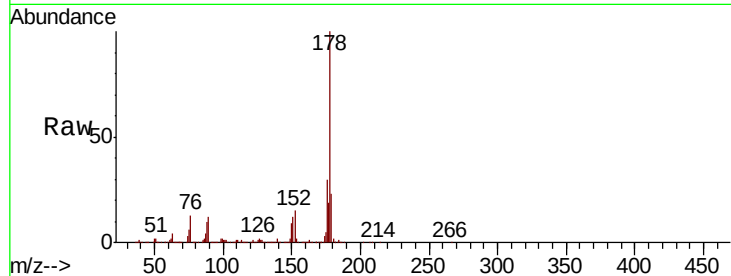
Tot Ion:178 Resp: 2772331

Ion Ratio Lower Upper

178 100

176 29.5 18.6 28.0#

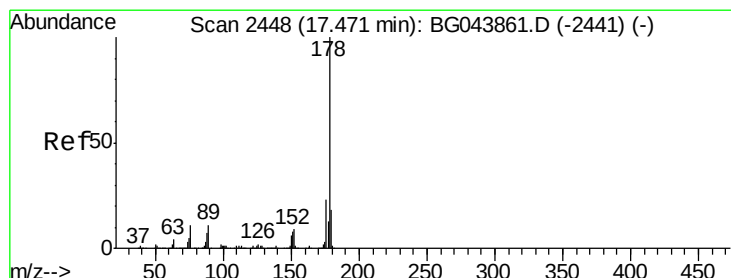
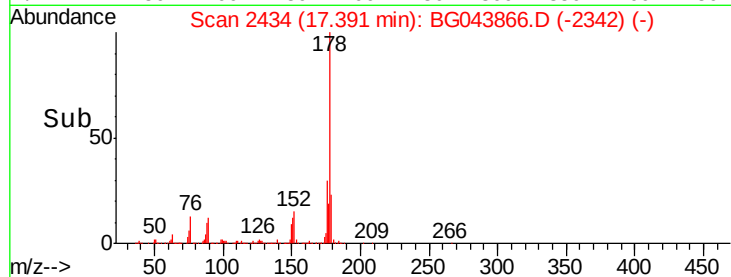
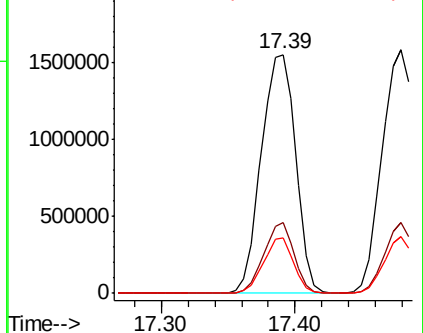
179 23.4 14.4 21.6#



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: 69.422 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

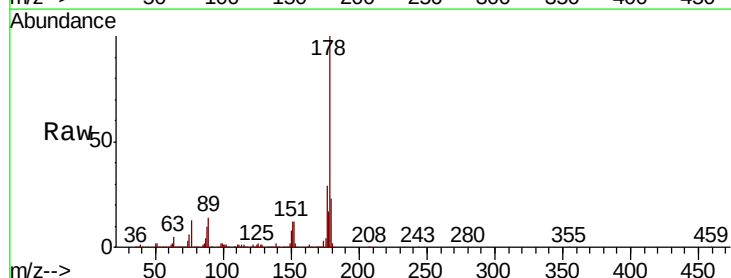
Tgt Ion:178 Resp: 2748410

Ion Ratio Lower Upper

178 100

176 29.0 18.3 27.5#

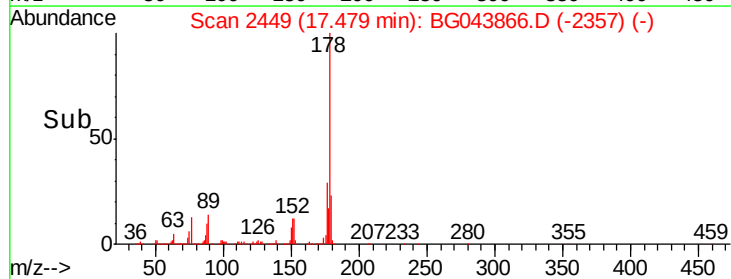
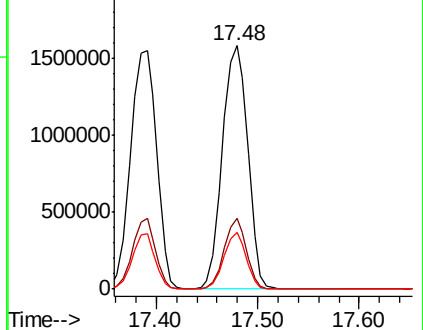
179 23.2 14.6 22.0#

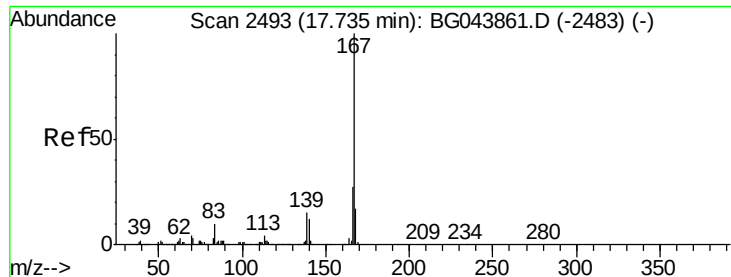


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 69.497 ng

RT: 17.74 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

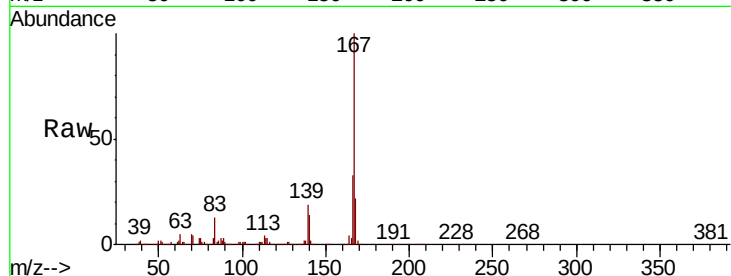
Tot Ion:167 Resp: 2544665

Ion Ratio Lower Upper

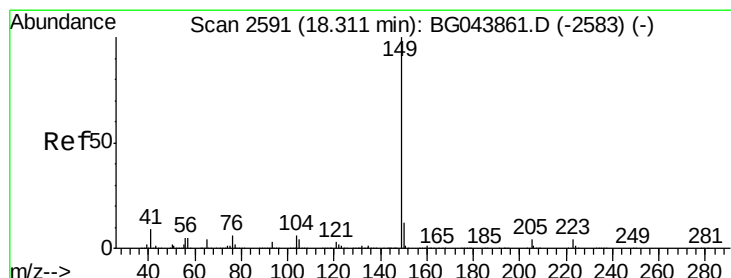
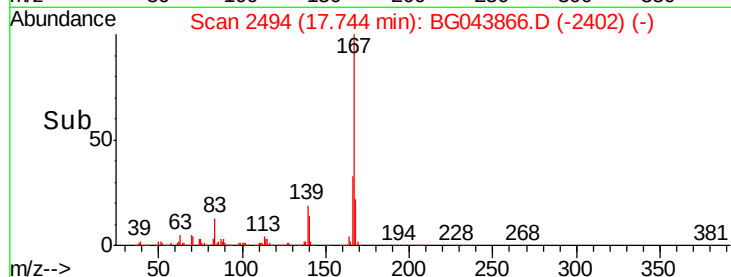
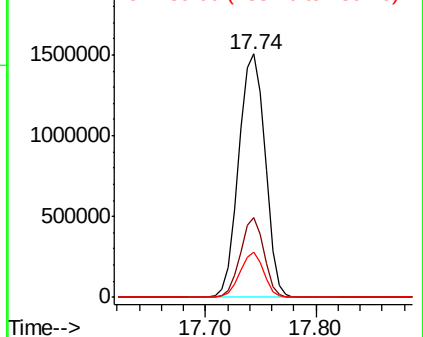
167 100

166 33.0 21.6 32.4#

139 18.8 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: 65.973 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

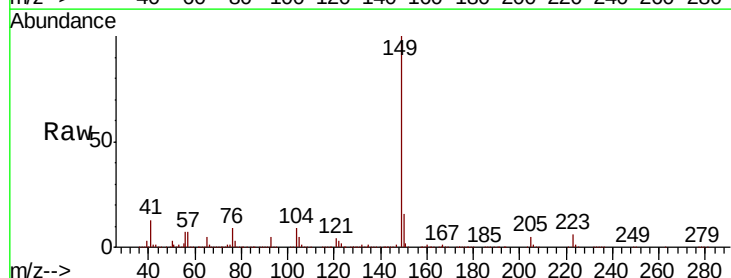
Tgt Ion:149 Resp: 2949257

Ion Ratio Lower Upper

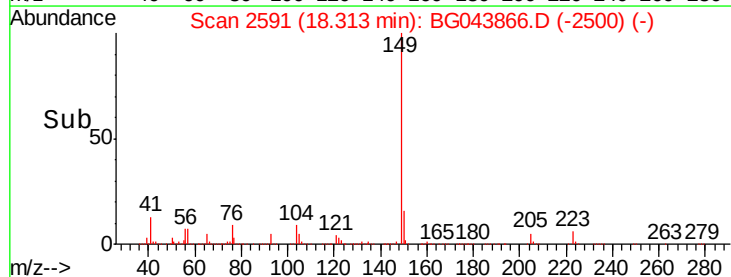
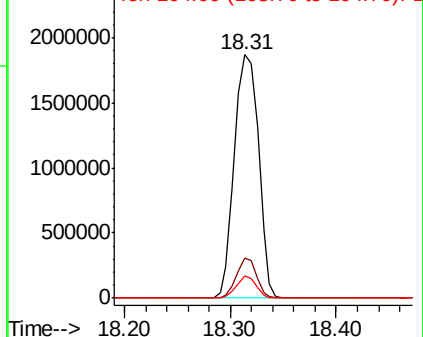
149 100

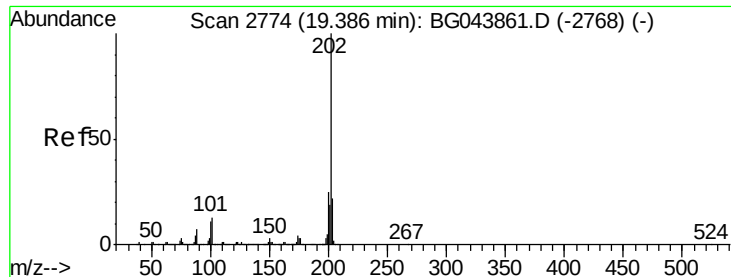
150 16.2 9.7 14.5#

104 8.8 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: 67.282 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

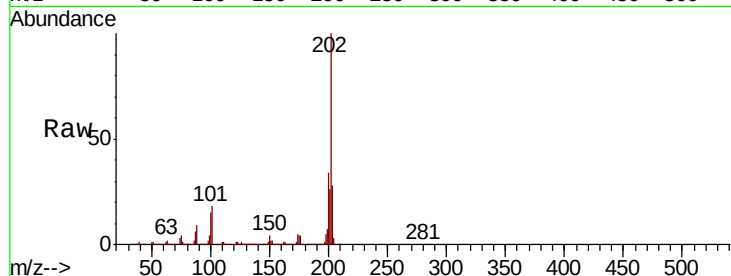
Tot Ion:202 Resp: 2962393

Ion Ratio Lower Upper

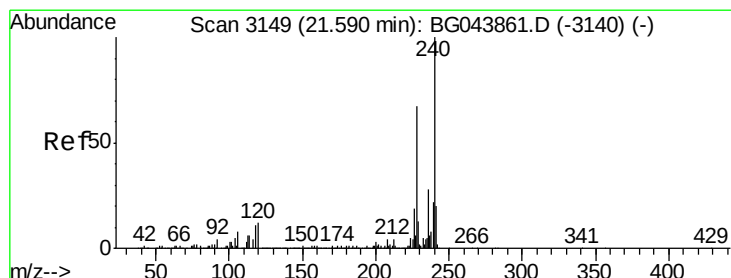
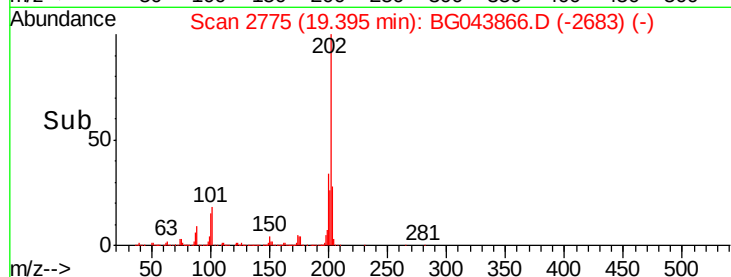
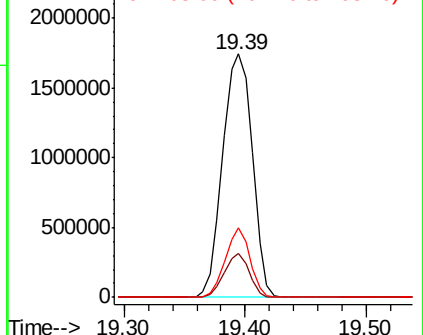
202 100

101 18.1 0.0 33.3

203 28.4 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: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

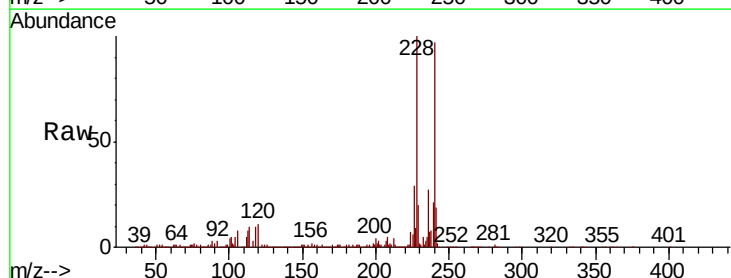
Tgt Ion:240 Resp: 704560

Ion Ratio Lower Upper

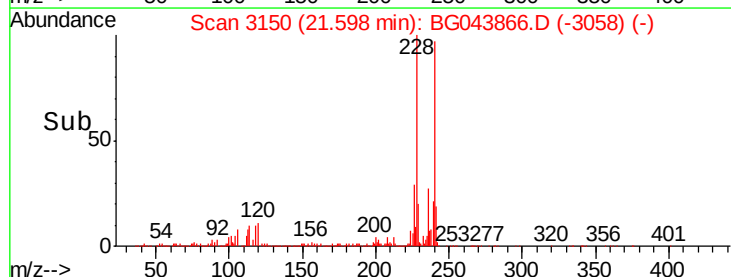
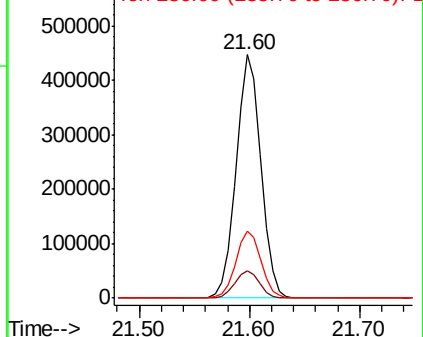
240 100

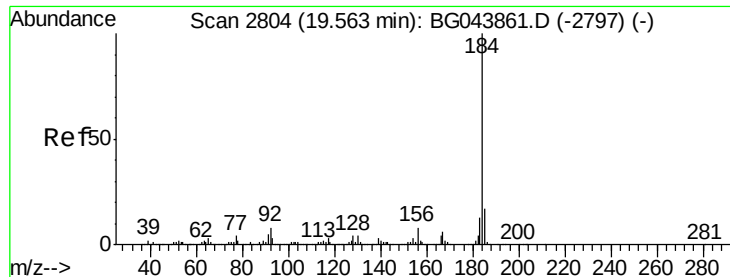
120 11.4 9.6 14.4

236 27.4 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

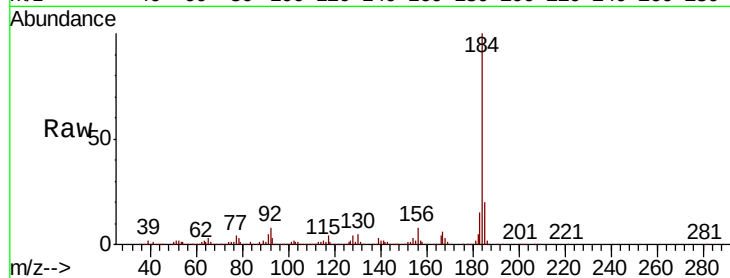




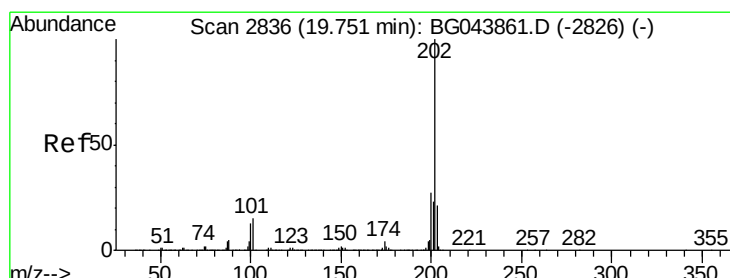
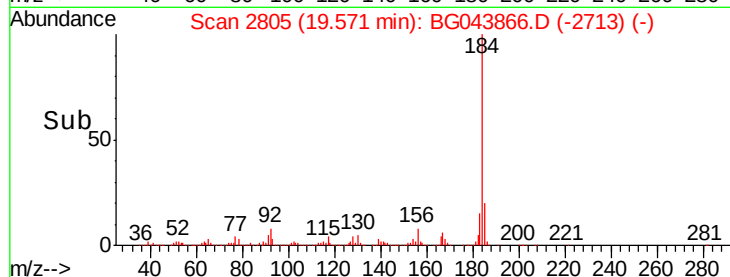
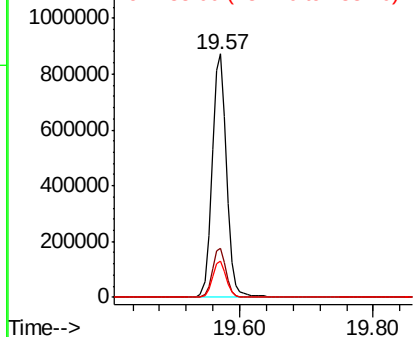
#77
Benzidine
Concen: 73.216 ng
RT: 19.57 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:184 Resp: 1328983
Ion Ratio Lower Upper
184 100
185 20.0 13.4 20.0
183 14.8 10.6 15.8

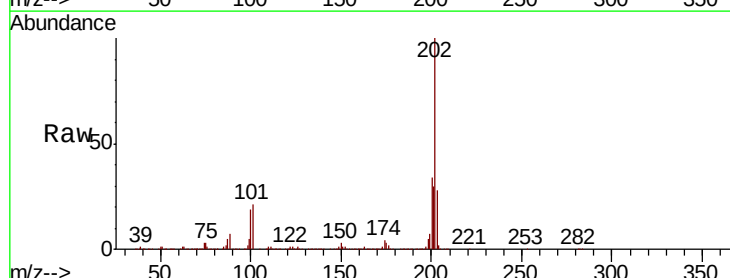


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

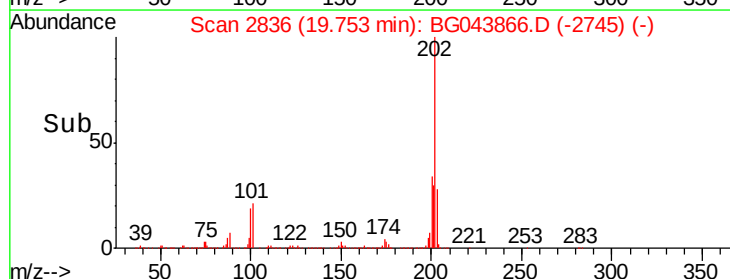
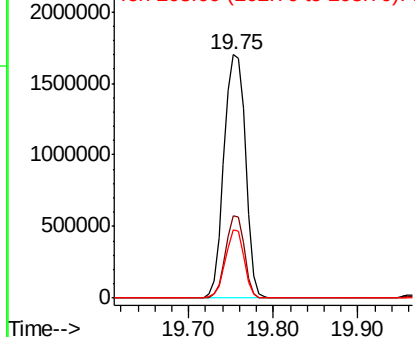


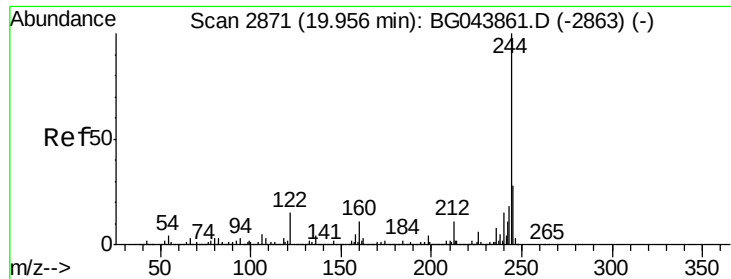
#78
Pyrene
Concen: 67.132 ng
RT: 19.75 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:202 Resp: 2978063
Ion Ratio Lower Upper
202 100
200 33.7 21.7 32.5#
203 27.8 17.0 25.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 130.464 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

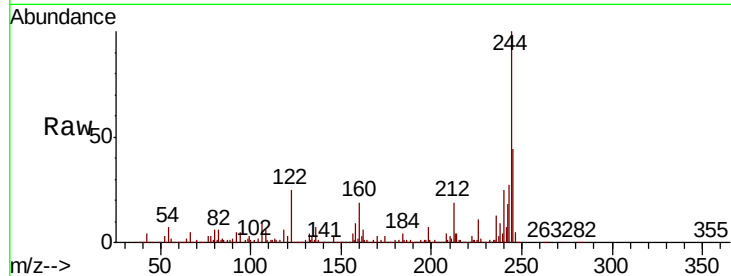
Tot Ion:244 Resp: 3744821

Ion Ratio Lower Upper

244 100

212 18.6 8.6 13.0#

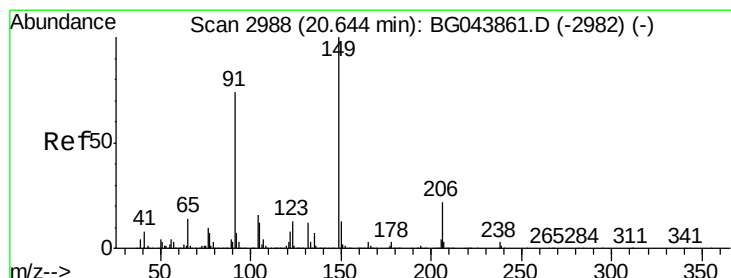
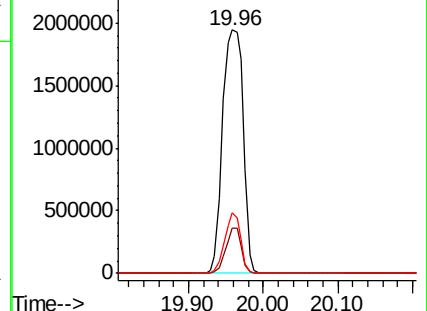
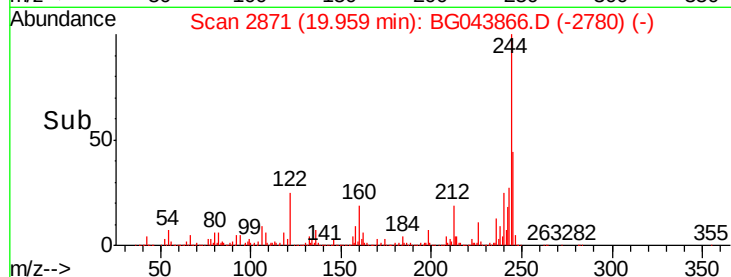
122 25.0 11.9 17.9#



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: 74.088 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

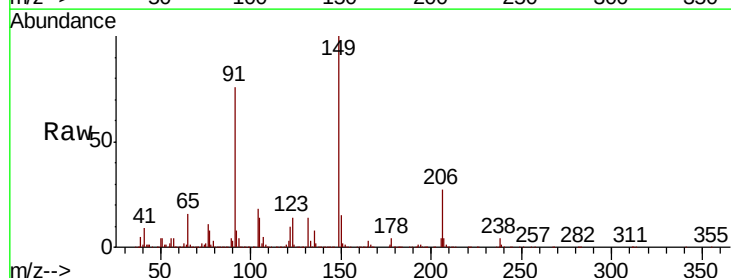
Tgt Ion:149 Resp: 1620326

Ion Ratio Lower Upper

149 100

91 75.8 59.5 89.3

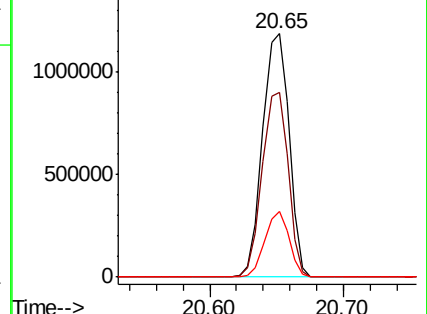
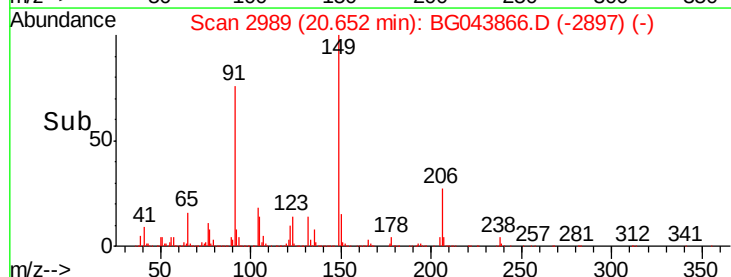
206 26.9 17.8 26.6#

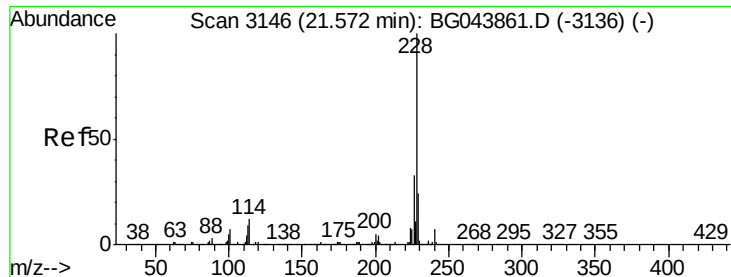


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 69.725 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

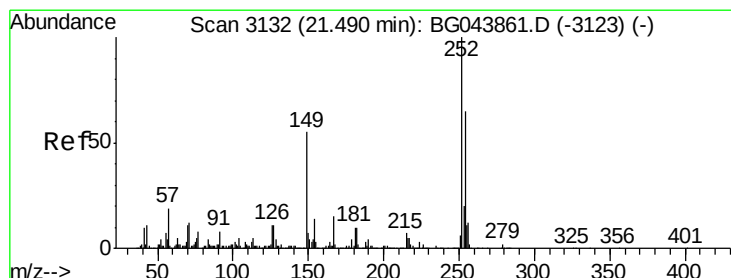
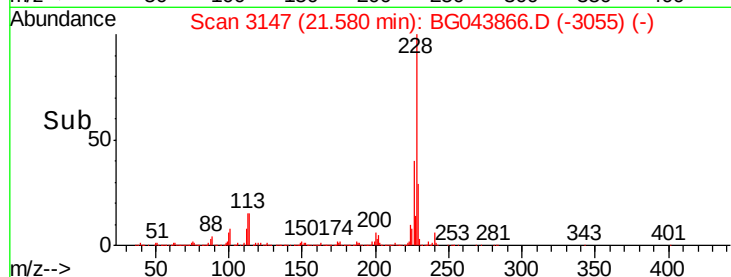
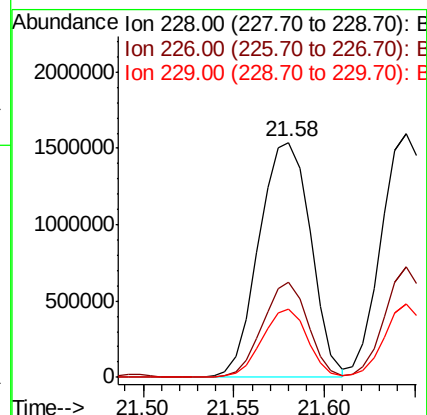
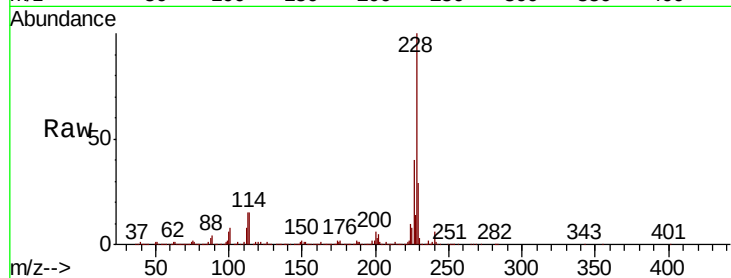
Tot Ion:228 Resp: 3047768

Ion Ratio Lower Upper

228 100

226 40.3 26.2 39.4#

229 29.0 18.9 28.3#



#82

3,3'-Dichlorobenzidine

Concen: 73.327 ng

RT: 21.50 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

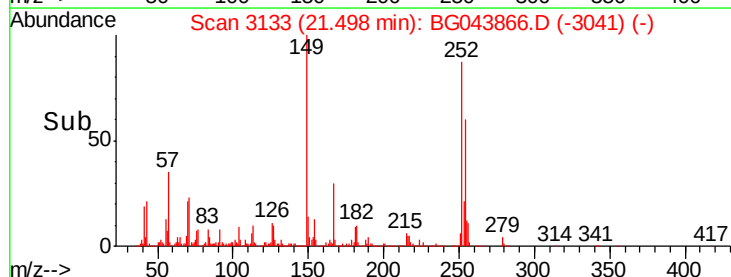
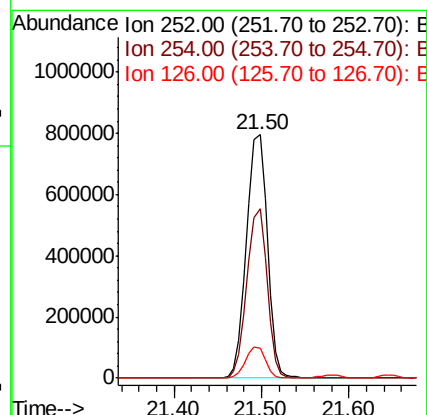
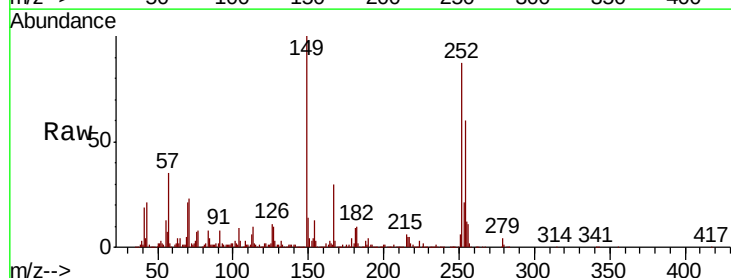
Tgt Ion:252 Resp: 1272720

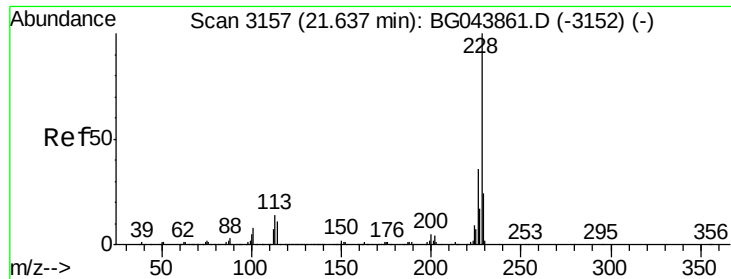
Ion Ratio Lower Upper

252 100

254 69.5 52.1 78.1

126 12.5 9.1 13.7





#83

Chrysene

Concen: 69.094 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

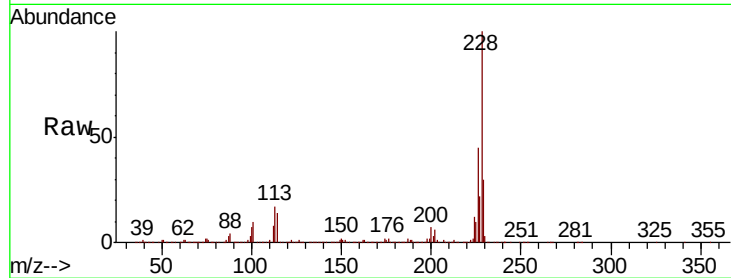
Tot Ion:228 Resp: 2867132

Ion Ratio Lower Upper

228 100

226 45.4 28.8 43.2#

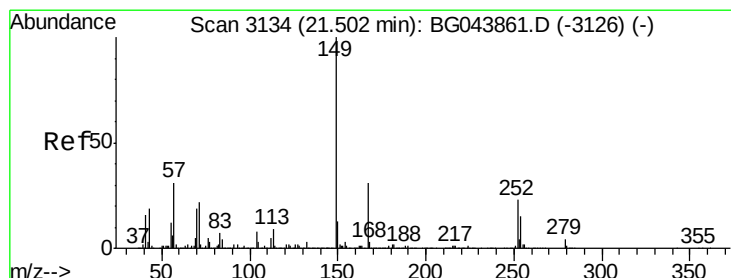
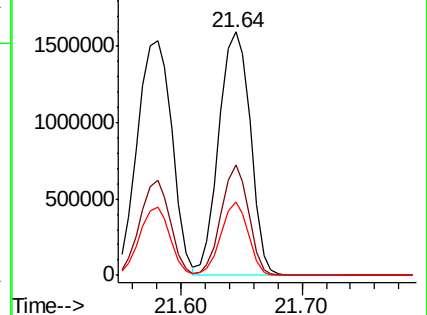
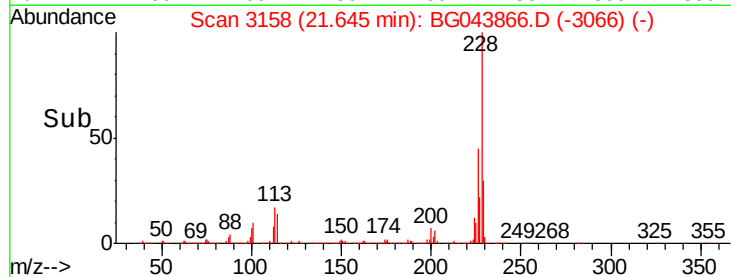
229 30.4 19.0 28.6#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.571 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

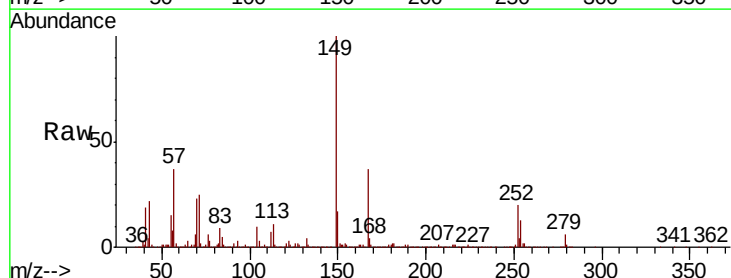
Tgt Ion:149 Resp: 2125658

Ion Ratio Lower Upper

149 100

167 37.0 24.7 37.1

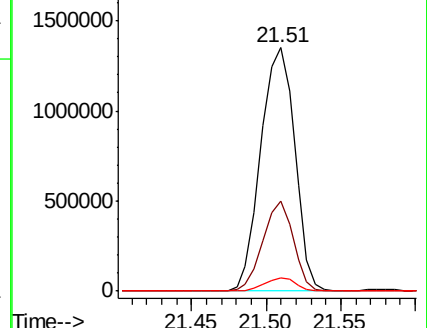
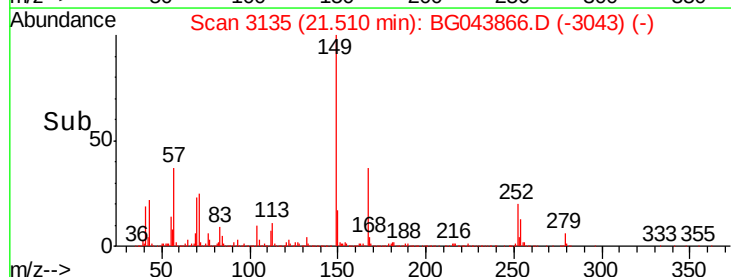
279 5.6 3.3 4.9#

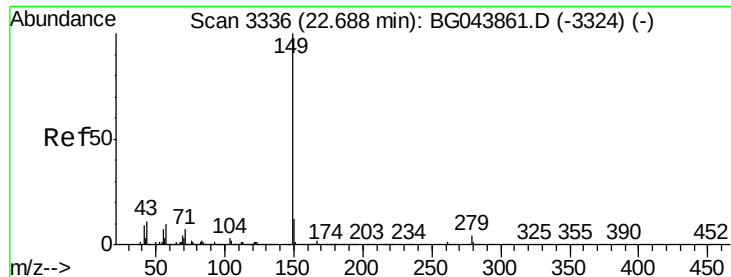


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 70.121 ng

RT: 22.70 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

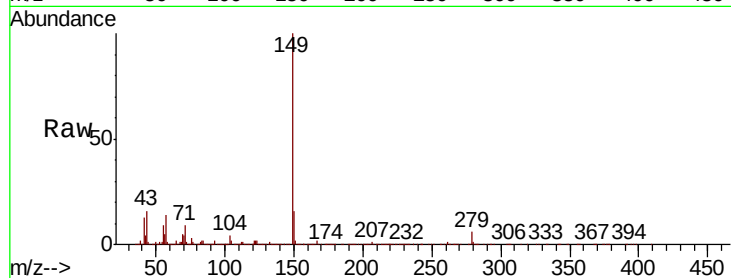
Tot Ion:149 Resp: 3561151

Ion Ratio Lower Upper

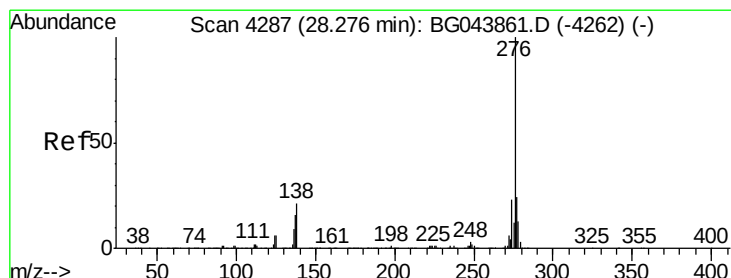
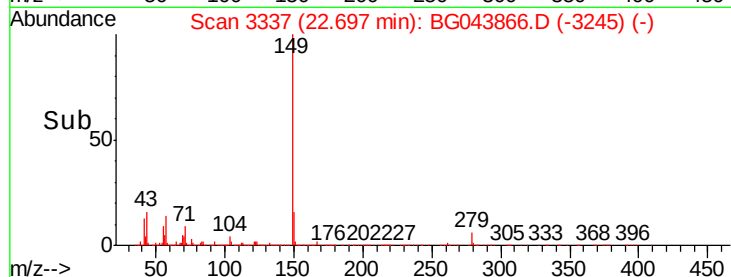
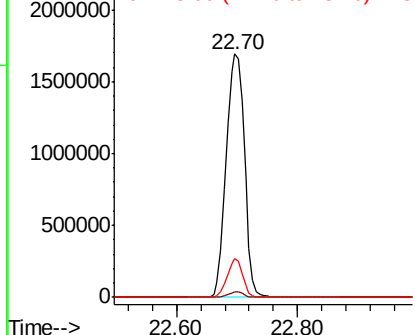
149 100

167 2.1 1.4 2.0#

43 13.5 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: 77.402 ng

RT: 28.30 min Scan# 4290

Delta R.T. 0.02 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

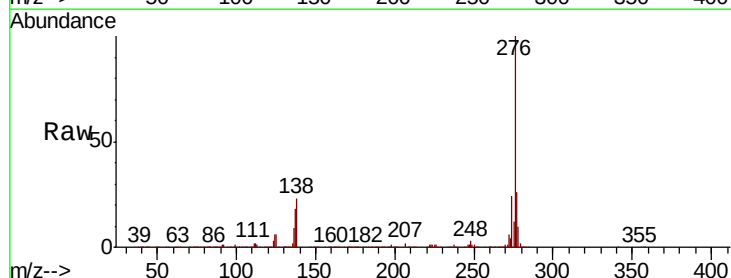
Tgt Ion:276 Resp: 4366480

Ion Ratio Lower Upper

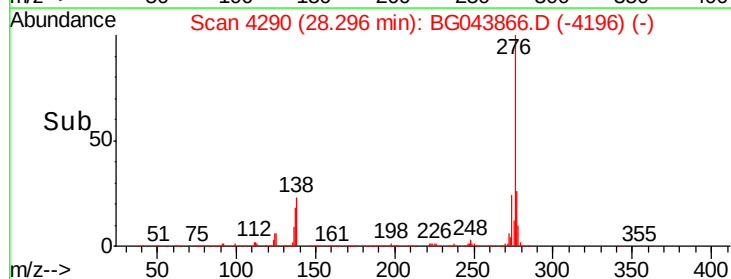
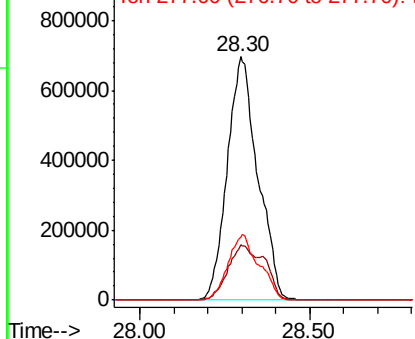
276 100

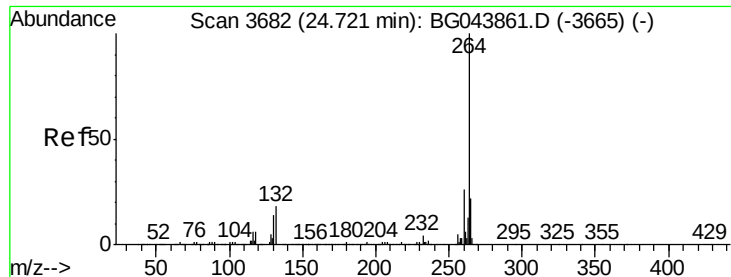
138 19.9 21.0 31.4#

277 27.3 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: 24.73 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

Instrument :

BNA_G

ClientSampleId :

ICVBG123019

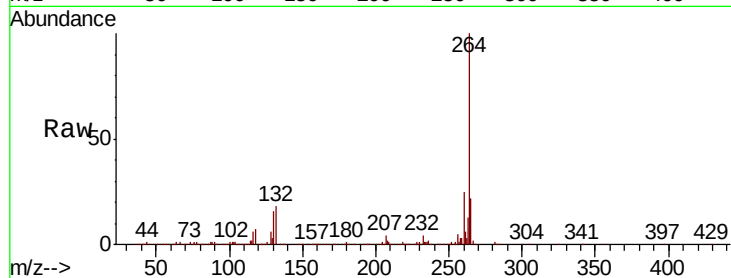
Tot Ion:264 Resp: 800183

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

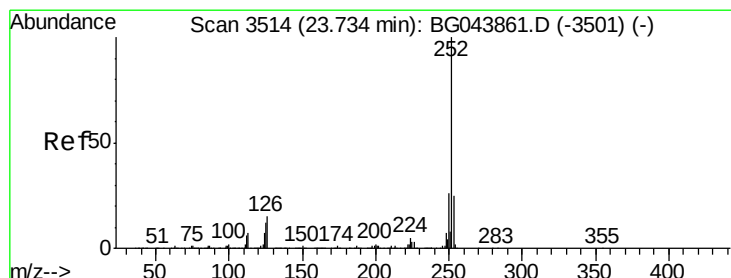
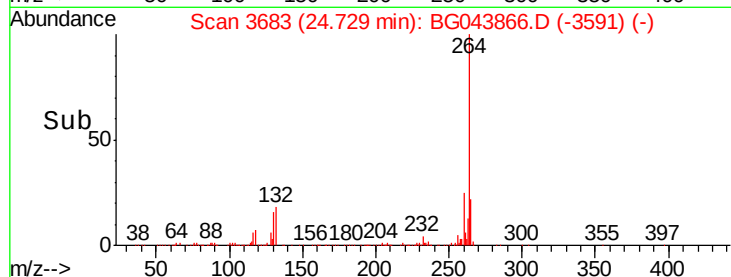
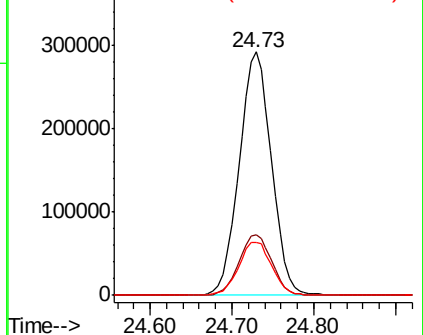
265 21.9 17.4 26.2



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: 73.698 ng

RT: 23.75 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 15:12

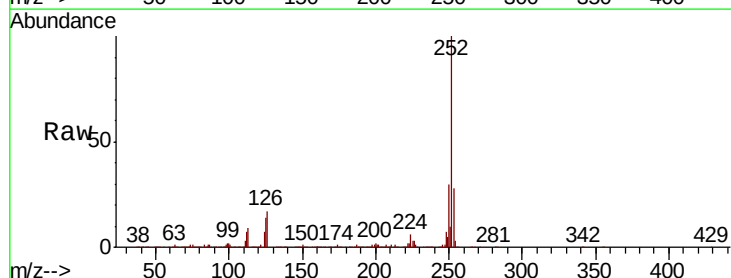
Tgt Ion:252 Resp: 3489287

Ion Ratio Lower Upper

252 100

253 27.9 19.7 29.5

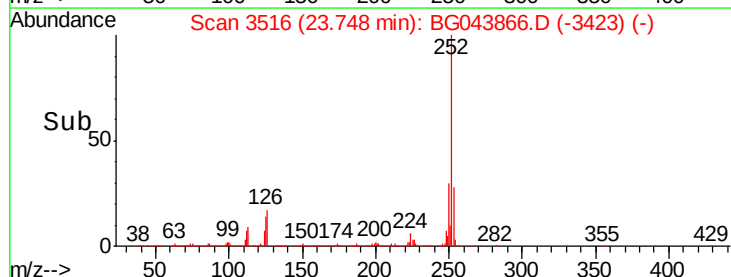
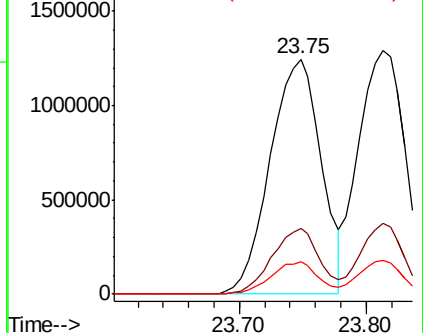
125 13.7 9.4 14.2

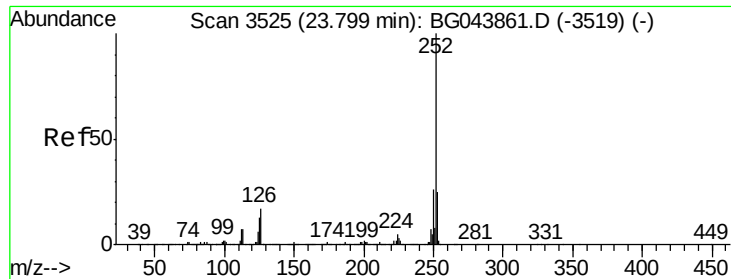


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

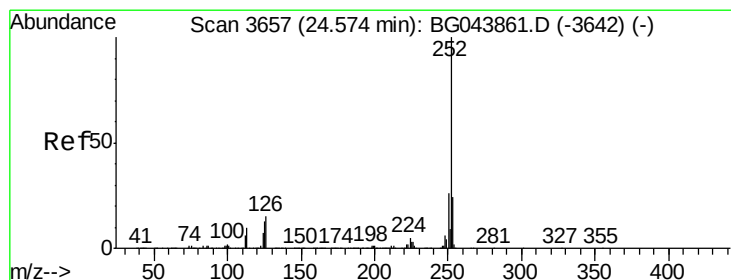
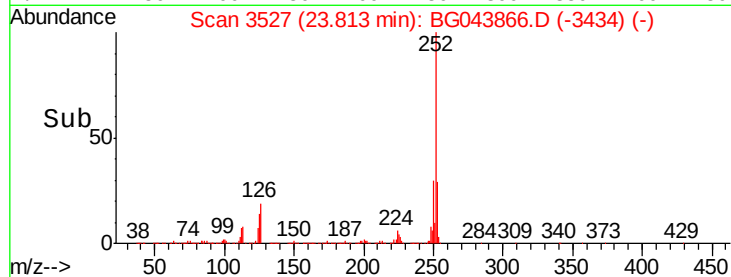
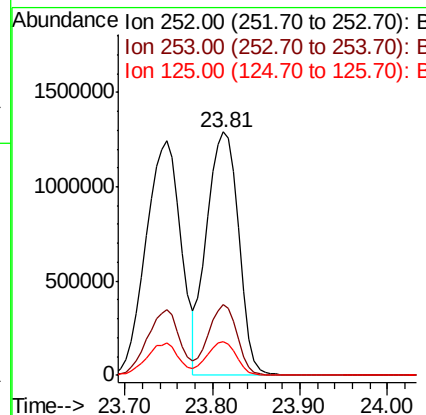
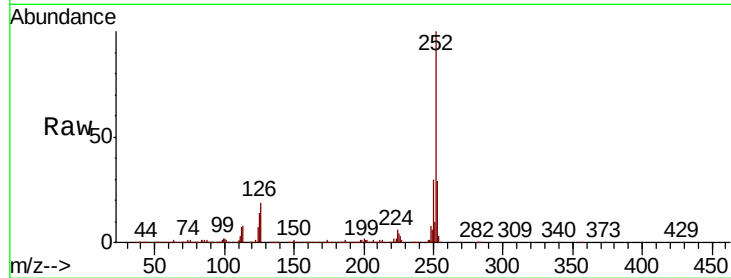




#89
Benzo(k)fluoranthene
Concen: 73.416 ng
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

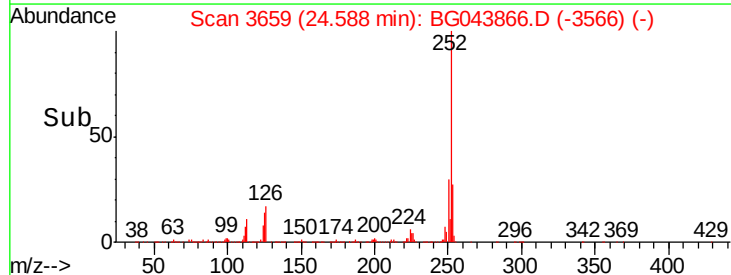
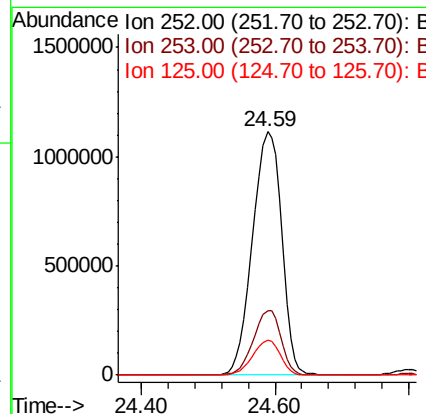
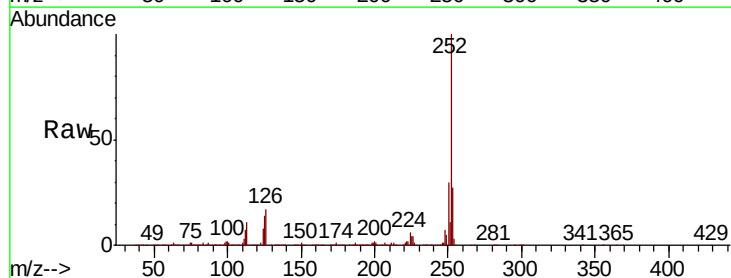
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

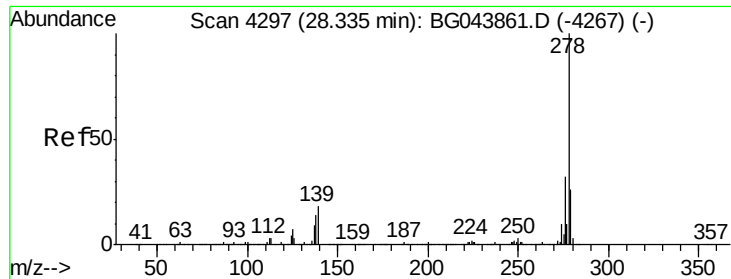
Tot Ion:252 Resp: 3294950
Ion Ratio Lower Upper
252 100
253 28.8 19.4 29.2
125 14.0 9.9 14.9



#90
Benzo(a)pyrene
Concen: 75.081 ng
RT: 24.59 min Scan# 3659
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:252 Resp: 3350178
Ion Ratio Lower Upper
252 100
253 26.6 19.3 28.9
125 14.4 10.4 15.6



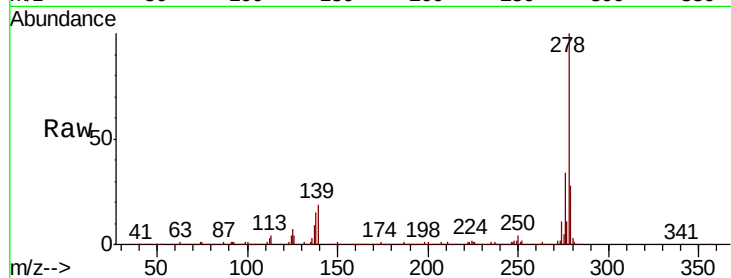


#91
Dibenzo(a,h)anthracene
Concen: 76.811 ng
RT: 28.37 min Scan# 4302
Delta R.T. 0.03 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

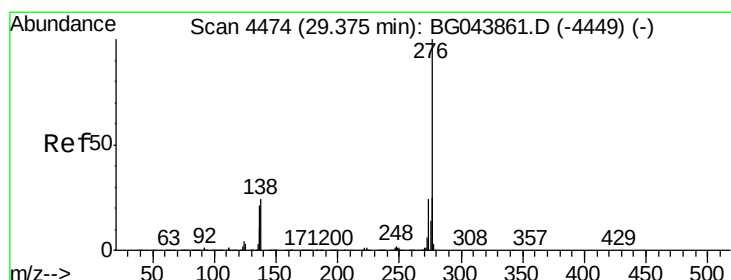
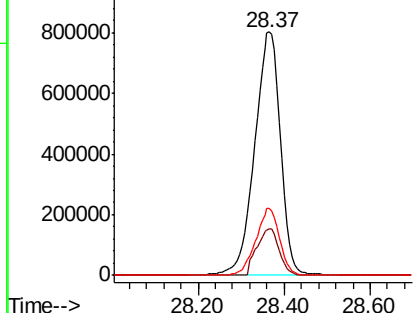
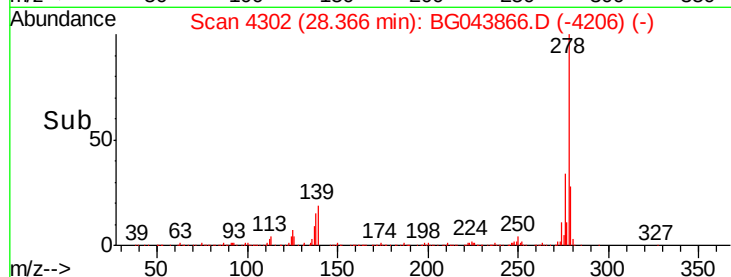
Instrument :
BNA_G
ClientSampleId :
ICVBG123019

Tot Ion:278 Resp: 3441390

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.2	21.4
279	27.5	20.6	30.8



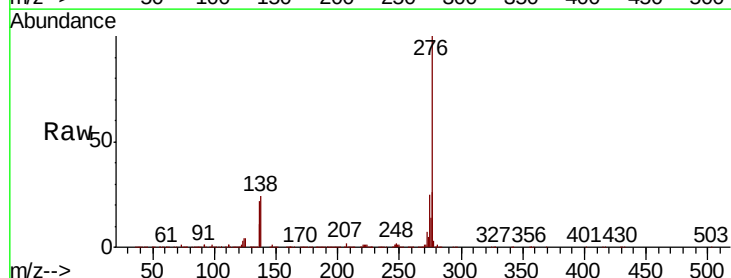
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 77.100 ng
RT: 29.41 min Scan# 4480
Delta R.T. 0.04 min
Lab File: BG043866.D
Acq: 30 Dec 2019 15:12

Tgt Ion:276 Resp: 3432932

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.2	30.4
138	24.0	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

