

Data File : BG044165.D
Acq On : 23 Jan 2020 13:05
Operator : JU
Sample : PB126284BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Quant Time: Jan 24 04:33:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85143	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	355277	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	234821	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	486651	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	407925	20.00	ng	-0.03
87) Perylene-d12	24.67	264	468424	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	681289	146.92	ng	-0.02
7) Phenol-d6	7.11	99	900774	138.97	ng	-0.02
23) Nitrobenzene-d5	9.09	82	471313	70.97	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	334155	135.98	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1062192	81.95	ng	-0.03
79) Terphenyl-d14	19.93	244	1467008	87.34	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	86686	42.874	ng	98
3) Pyridine	3.79	79	211387	35.391	ng	92
4) n-Nitrosodimethylamine	3.70	42	106086	39.893	ng	97
6) Aniline	7.25	93	267289	31.395	ng	98
8) 2-Chlorophenol	7.50	128	252922	46.460	ng	97
9) Benzaldehyde	7.06	77	127246	30.673	ng	97
10) Phenol	7.13	94	310197	46.448	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	227038	39.384	ng	98
12) 1,3-Dichlorobenzene	7.82	146	256370	40.244	ng	98
13) 1,4-Dichlorobenzene	7.97	146	255683	40.678	ng	98
14) 1,2-Dichlorobenzene	8.29	146	242799	40.244	ng	99
15) Benzyl Alcohol	8.17	79	209714	40.995	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	308866	34.631	ng	97
17) 2-Methylphenol	8.38	107	219992	45.520	ng	98
18) Hexachloroethane	9.02	117	96106	39.294	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	183017	37.914	ng	# 97
20) 3+4-Methylphenols	8.71	107	297938	44.192	ng	99
22) Acetophenone	8.75	105	344210	38.971	ng	99
24) Nitrobenzene	9.13	77	260237	39.564	ng	98
25) Isophorone	9.66	82	501745	40.270	ng	99
26) 2-Nitrophenol	9.84	139	142574	45.815	ng	96
27) 2,4-Dimethylphenol	9.91	122	245183	52.340	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	319811	38.501	ng	99
29) 2,4-Dichlorophenol	10.38	162	253418	45.353	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	249512	39.825	ng	99
31) Naphthalene	10.78	128	746128	43.399	ng	98
32) Benzoic acid	10.06	122	108551	31.005	ng	95
33) 4-Chloroaniline	10.89	127	180126	21.966	ng	97
34) Hexachlorobutadiene	11.08	225	144744	37.839	ng	98
35) Caprolactam	11.65	113	69989	33.646	ng	94
36) 4-Chloro-3-methylphenol	12.02	107	271626	45.663	ng	98
37) 2-Methylnaphthalene	12.39	142	561284	43.364	ng	98
38) 1-Methylnaphthalene	12.61	142	534232	43.549	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267864	38.919	ng	99

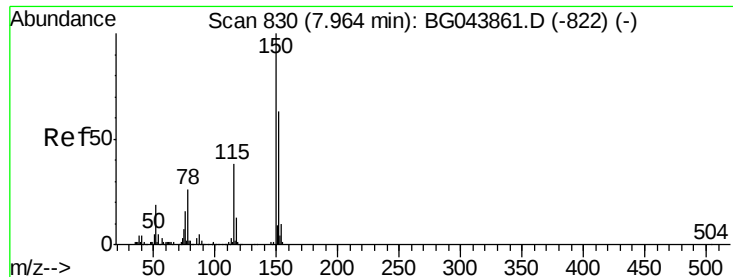
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	354843	99.446	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	197950	41.799	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	217950	44.622	ng	99
46) 1,1'-Biphenyl	13.40	154	711653	42.269	ng	98
47) 2-Chloronaphthalene	13.45	162	557301	40.964	ng	98
48) 2-Nitroaniline	13.64	65	171720	39.239	ng	99
49) Acenaphthylene	14.29	152	892950	45.665	ng	97
50) Dimethylphthalate	14.03	163	703734	42.207	ng	98
51) 2,6-Dinitrotoluene	14.14	165	159595	42.349	ng	98
52) Acenaphthene	14.63	154	546622	39.861	ng	98
53) 3-Nitroaniline	14.47	138	118760	27.751	ng	98
54) 2,4-Dinitrophenol	14.67	184	158965	82.607	ng	96
55) Dibenzofuran	14.97	168	846154	44.823	ng	97
56) 4-Nitrophenol	14.79	139	282854	86.252	ng	96
57) 2,4-Dinitrotoluene	14.93	165	220889	43.076	ng	100
58) Fluorene	15.62	166	662505	44.278	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	184315	43.884	ng	97
60) Diethylphthalate	15.39	149	711453	42.662	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	341627	42.049	ng	96
62) 4-Nitroaniline	15.63	138	156524	37.038	ng	98
63) Azobenzene	15.91	77	669957	43.319	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	124916	49.653	ng	96
66) n-Nitrosodiphenylamine	15.83	169	613335	42.797	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	219271	40.062	ng	96
68) Hexachlorobenzene	16.63	284	237026	40.190	ng	96
69) Atrazine	16.78	200	218616	46.929	ng	99
70) Pentachlorophenol	16.97	266	250407	77.022	ng	99
71) Phenanthrene	17.35	178	1022757	43.816	ng	98
72) Anthracene	17.45	178	1058180	45.871	ng	97
73) Carbazole	17.71	167	929662	43.628	ng	96
74) Di-n-butylphthalate	18.28	149	1148159	42.202	ng	96
75) Fluoranthene	19.36	202	1157610	43.364	ng	97
77) Benzidine	19.54	184	495307	48.306	ng	99
78) Pyrene	19.73	202	1167111	43.832	ng	95
80) Butylbenzylphthalate	20.61	149	526244	41.512	ng	98
81) Benzo(a)anthracene	21.54	228	1105048	43.688	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	309414	30.963	ng	98
83) Chrysene	21.61	228	1054706	43.883	ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	746295	42.666	ng	97
85) Di-n-octyl phthalate	22.64	149	1307006	44.447	ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1358340	41.587	ng	99
88) Benzo(b)fluoranthene	23.69	252	1165955	42.104	ng	98
89) Benzo(k)fluoranthene	23.75	252	1126280	42.770	ng	98
90) Benzo(a)pyrene	24.53	252	1078303	41.257	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1114094	42.444	ng	97
92) Benzo(g,h,i)perylene	29.30	276	1140221	43.732	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.03 min

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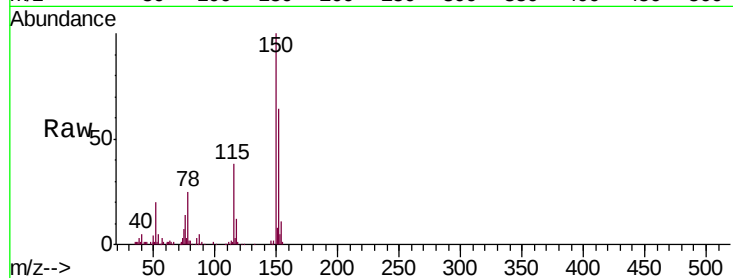
Tgt Ion:152 Resp: 85143

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.4

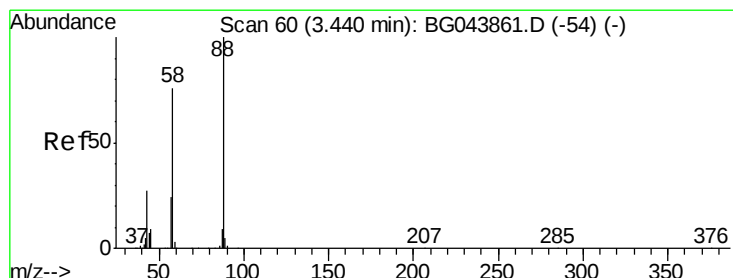
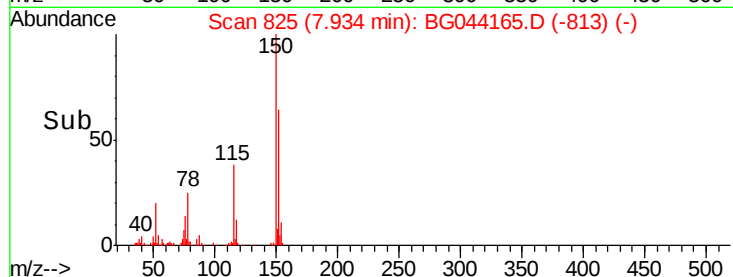
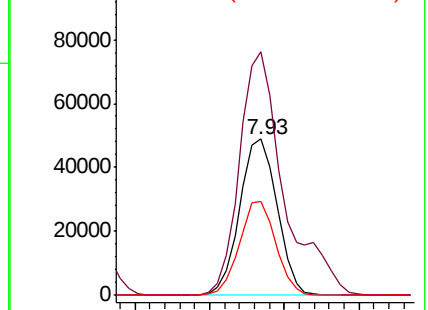
115 59.7 47.8 71.8



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: 42.874 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

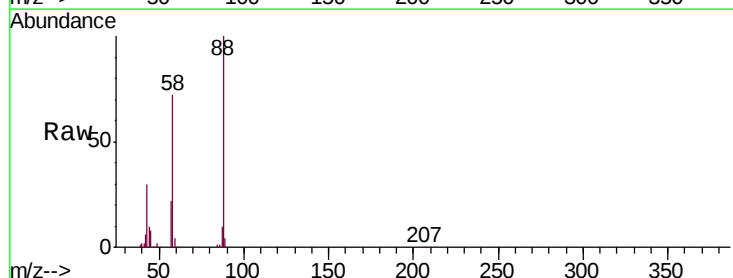
Tgt Ion: 88 Resp: 86686

Ion Ratio Lower Upper

88 100

58 72.4 59.8 89.8

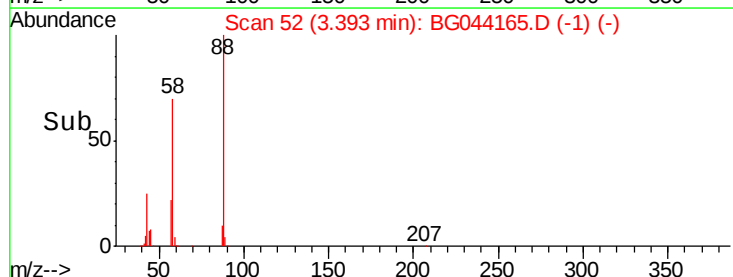
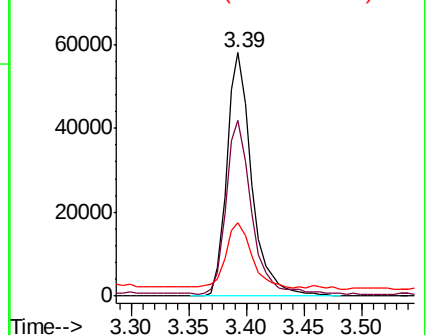
43 28.5 22.9 34.3

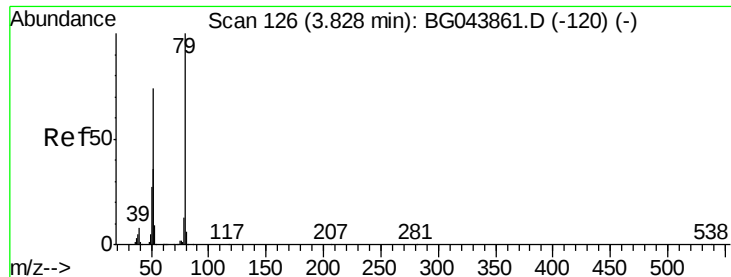


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.391 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

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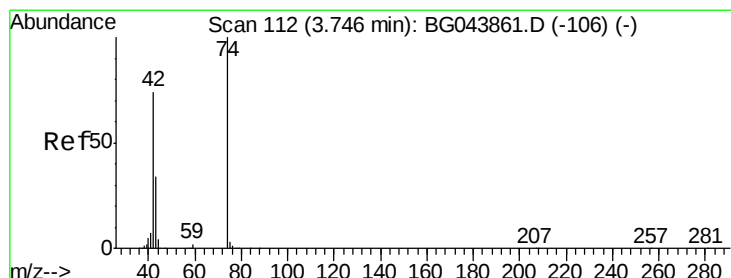
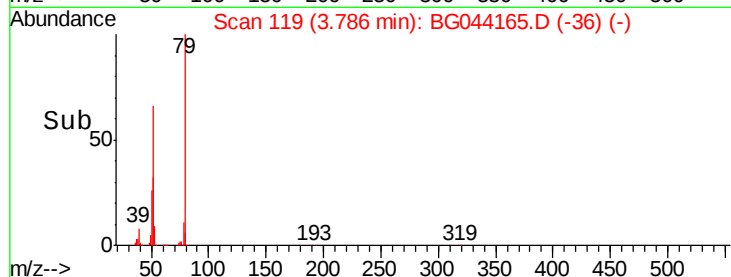
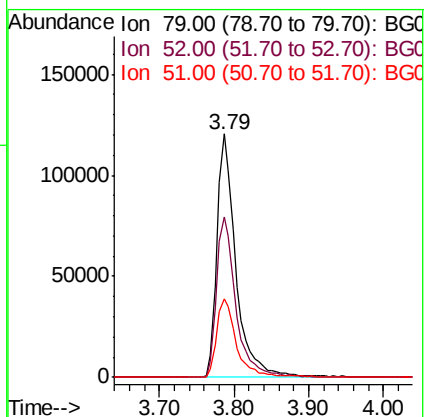
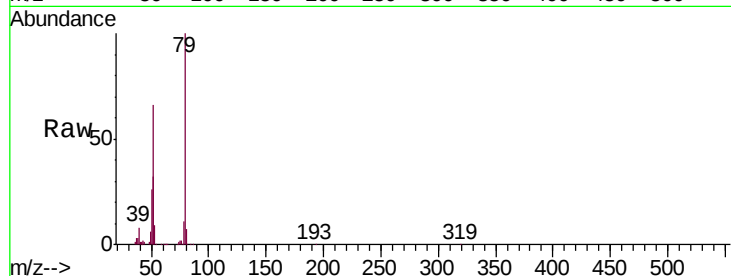
Tgt Ion: 79 Resp: 211387

Ion Ratio Lower Upper

79 100

52 66.0 58.9 88.3

51 32.2 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.893 ng

RT: 3.70 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

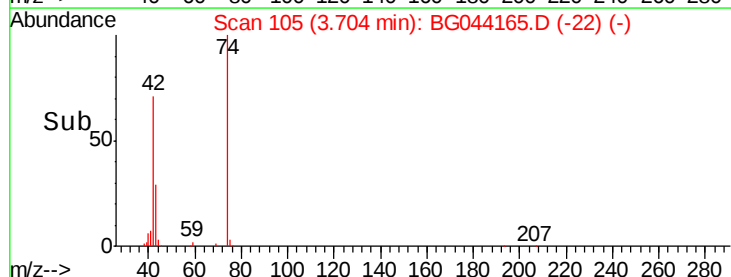
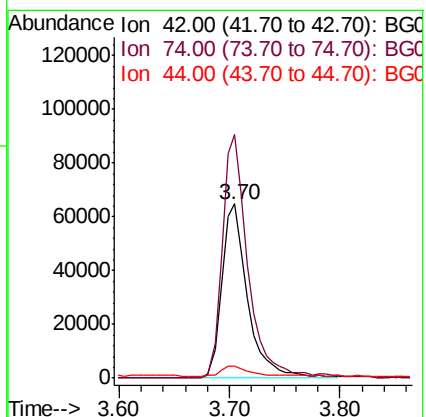
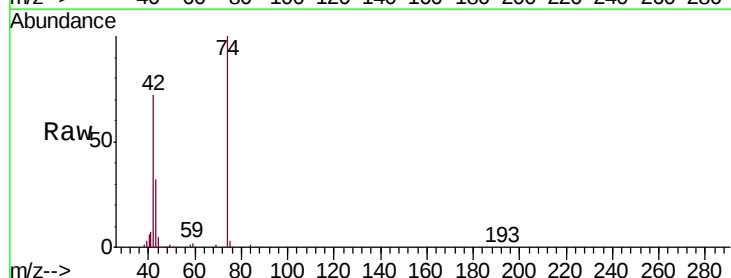
Tgt Ion: 42 Resp: 106086

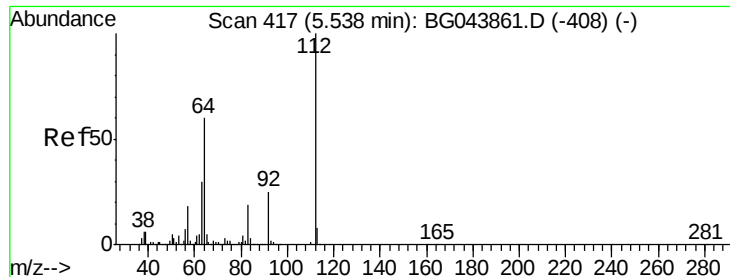
Ion Ratio Lower Upper

42 100

74 139.7 108.6 162.8

44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 146.921 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

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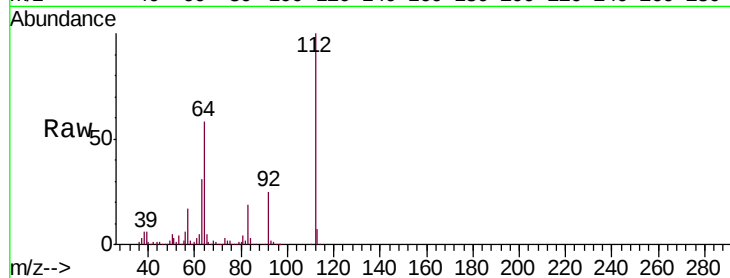
Tgt Ion: 112 Resp: 681289

Ion Ratio Lower Upper

112 100

64 58.0 47.8 71.6

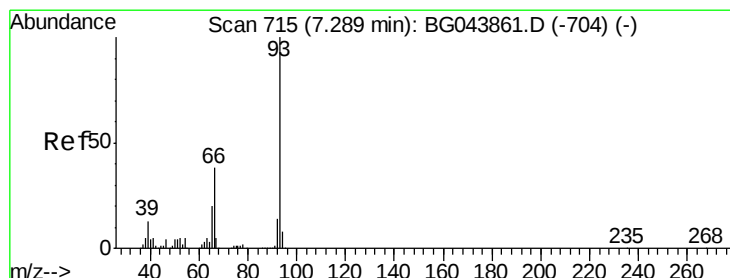
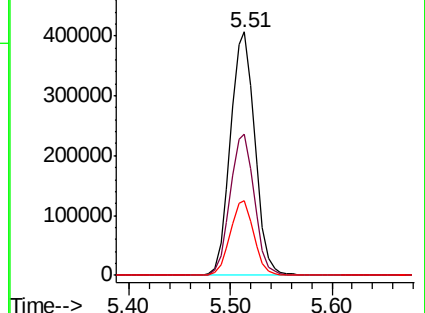
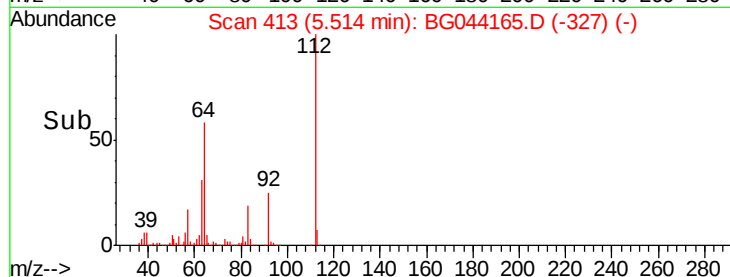
63 30.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.395 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

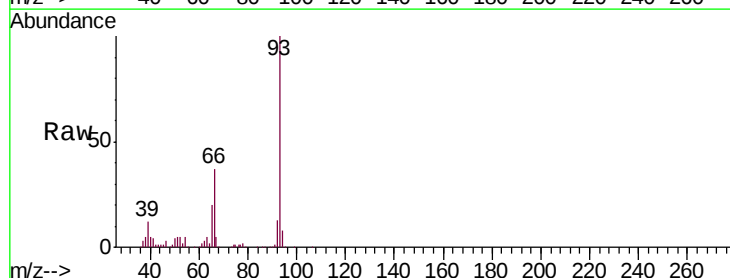
Tgt Ion: 93 Resp: 267289

Ion Ratio Lower Upper

93 100

66 36.6 30.8 46.2

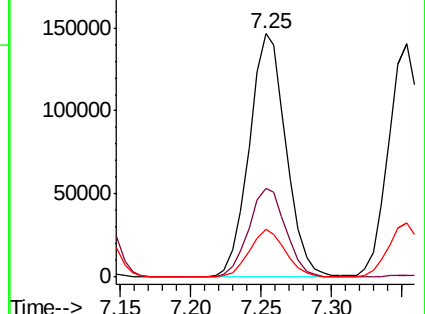
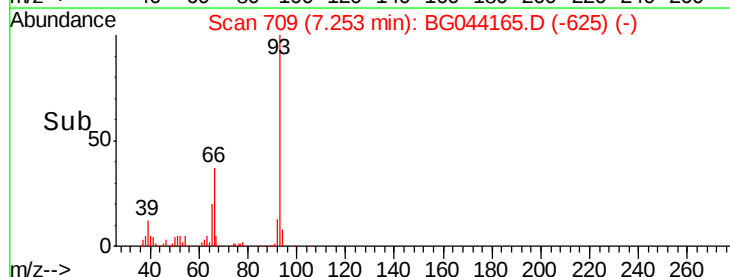
65 19.7 16.0 24.0

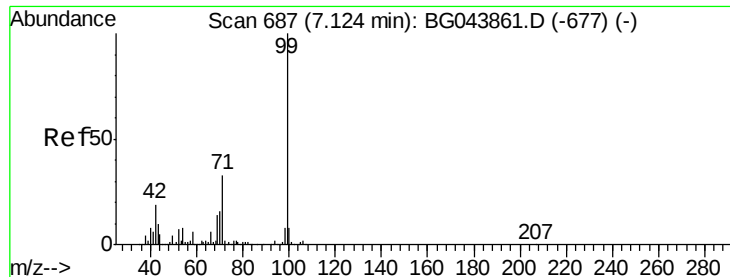


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.969 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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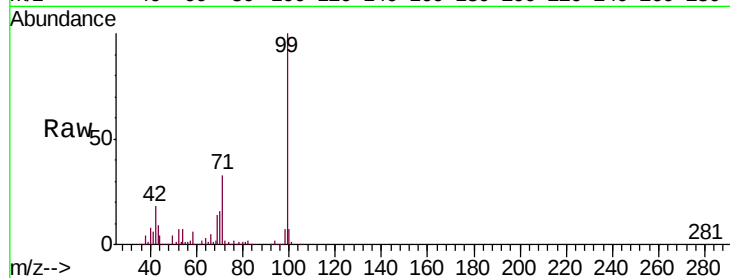
Tgt Ion: 99 Resp: 900774

Ion Ratio Lower Upper

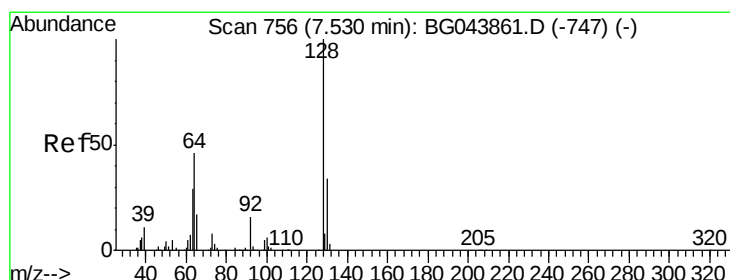
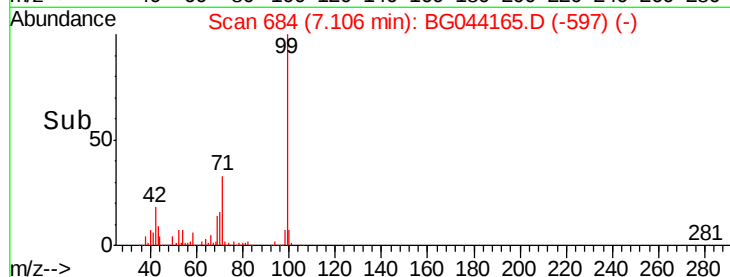
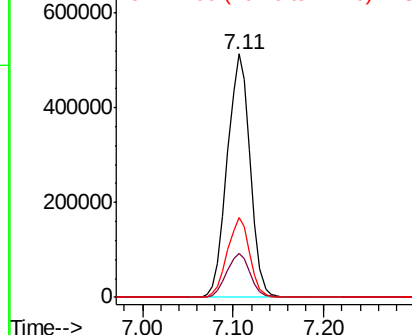
99 100

42 18.0 14.9 22.3

71 32.7 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: 46.460 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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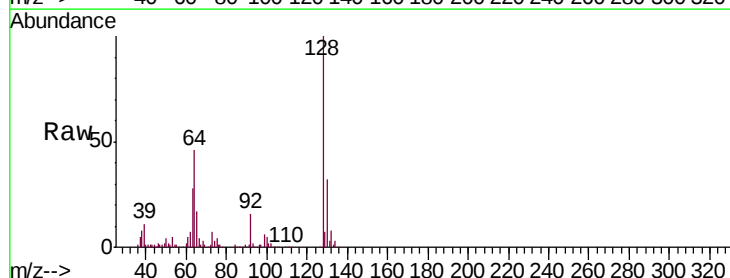
Tgt Ion: 128 Resp: 252922

Ion Ratio Lower Upper

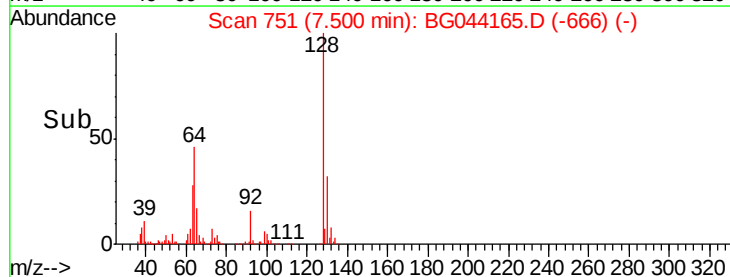
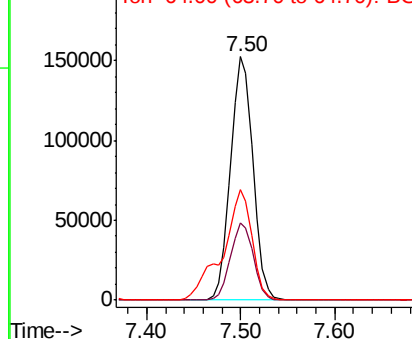
128 100

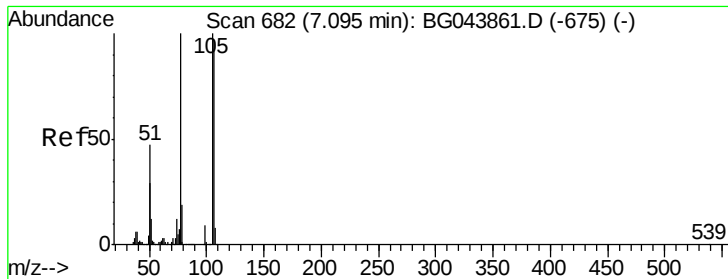
130 31.8 13.8 53.8

64 45.6 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: 30.673 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

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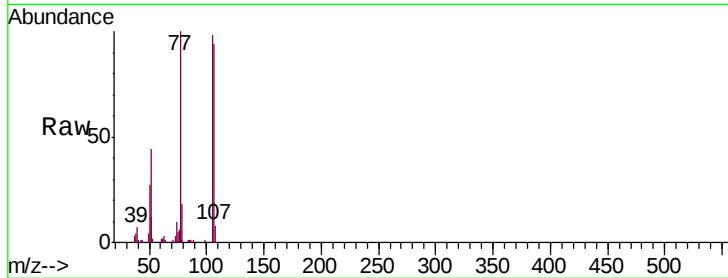
Tgt Ion: 77 Resp: 127246

Ion Ratio Lower Upper

77 100

105 98.0 80.2 120.2

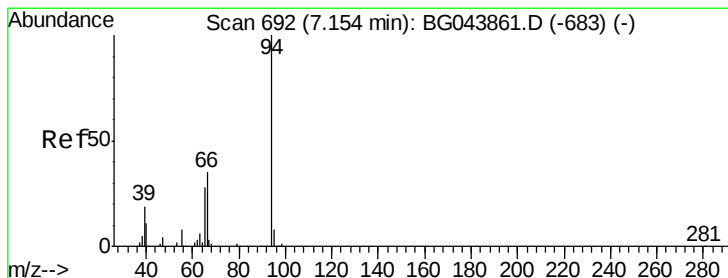
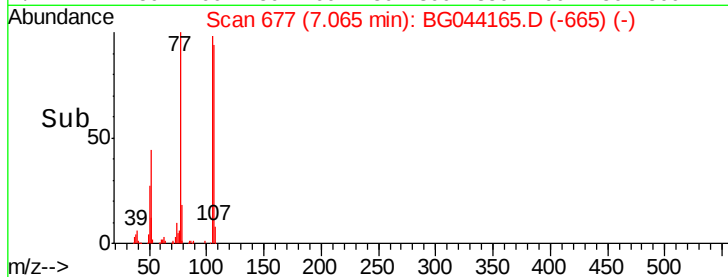
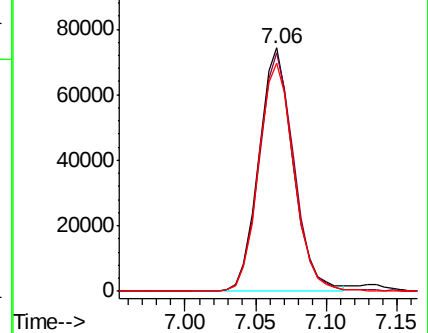
106 93.6 77.2 117.2



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: 46.448 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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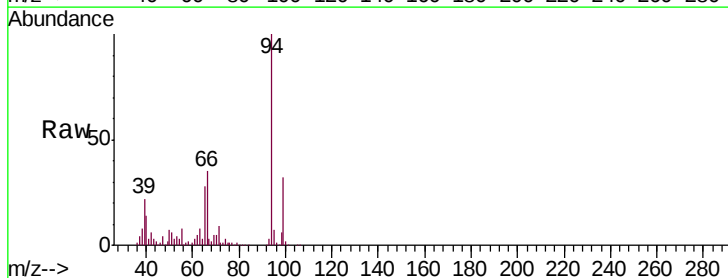
Tgt Ion: 94 Resp: 310197

Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

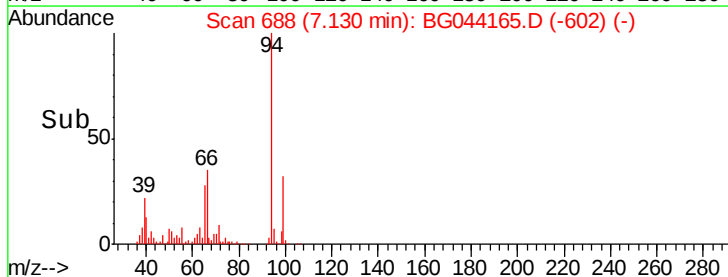
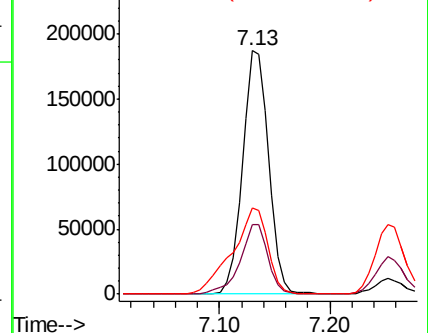
66 35.2 15.6 55.6

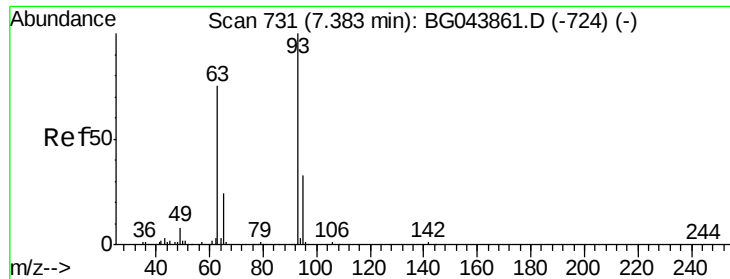


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

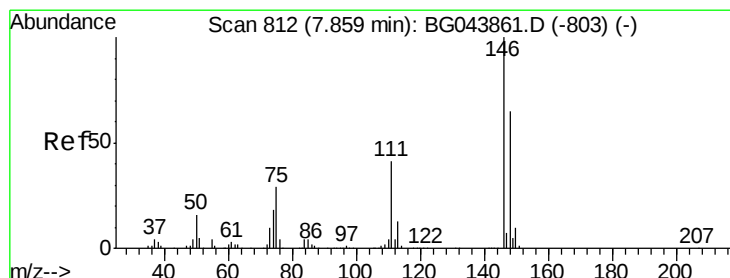
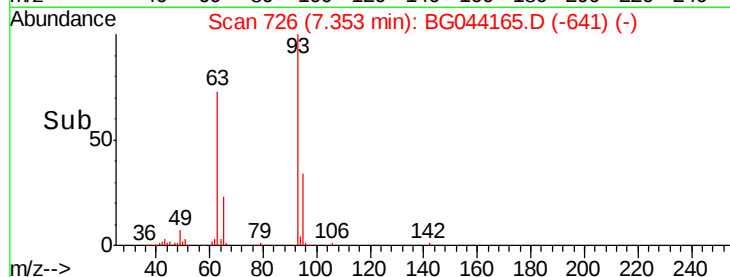
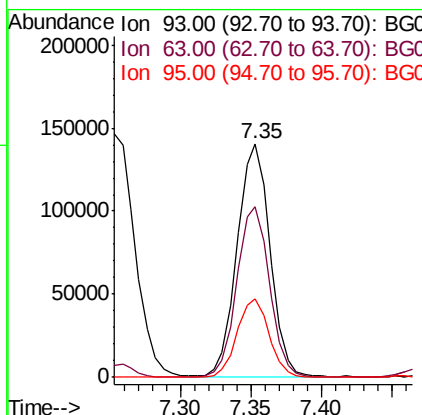
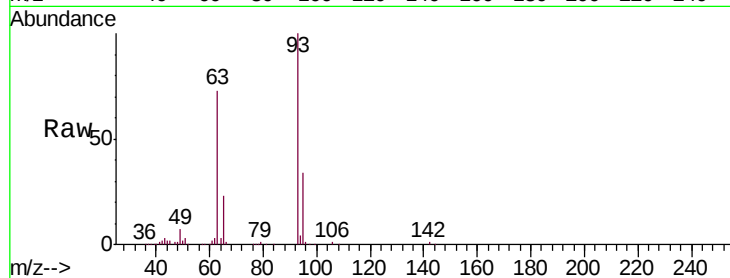




#11
bis(2-Chloroethyl)ether
Concen: 39.384 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

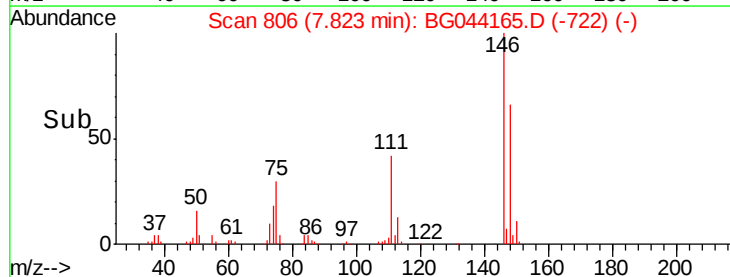
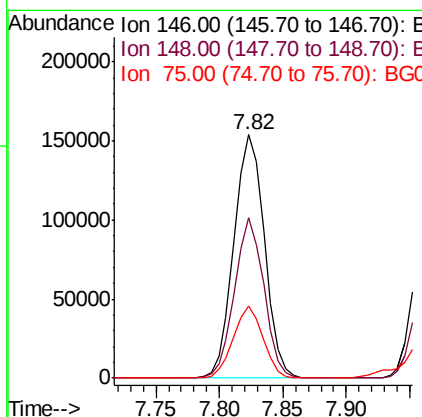
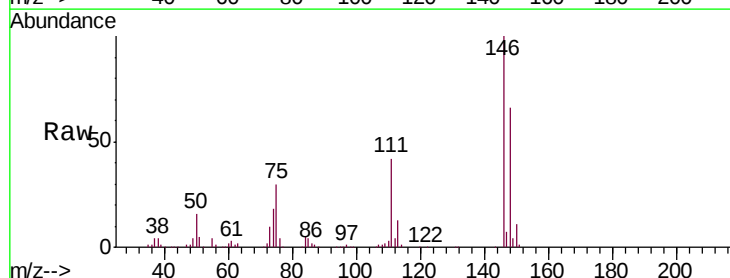
Instrument :
BNA_G
ClientSampleId :
PB126284BS

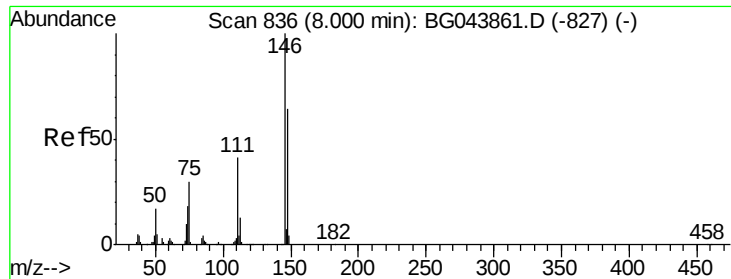
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	33.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.244 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.1	78.1
75	29.8	23.0	34.4

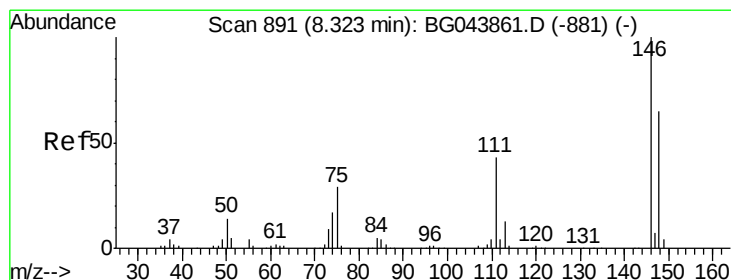
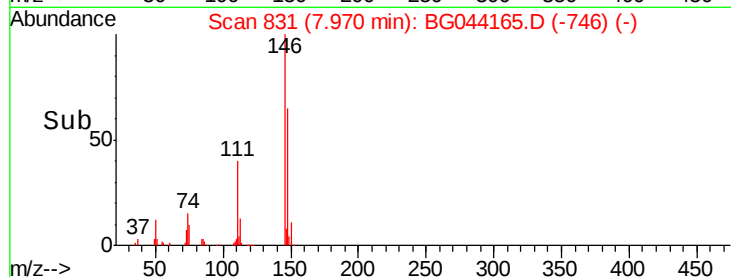
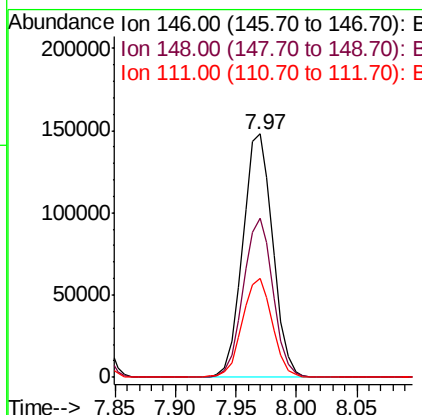
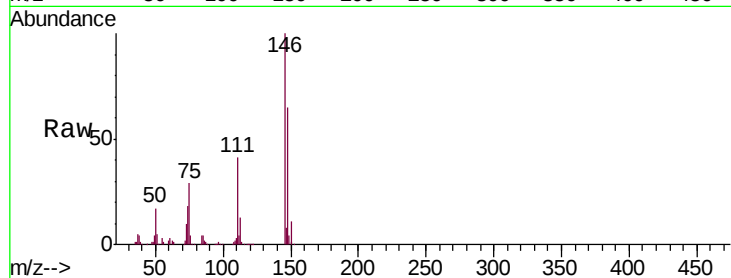




#13
 1,4-Dichlorobenzene
 Concen: 40.678 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

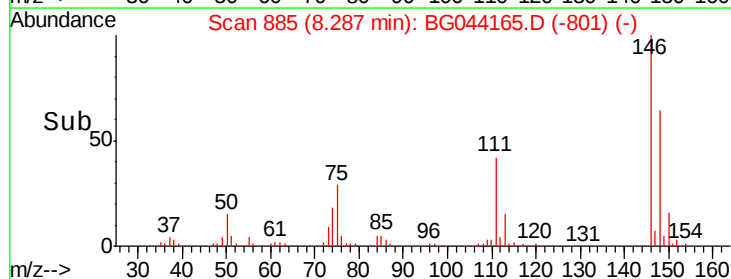
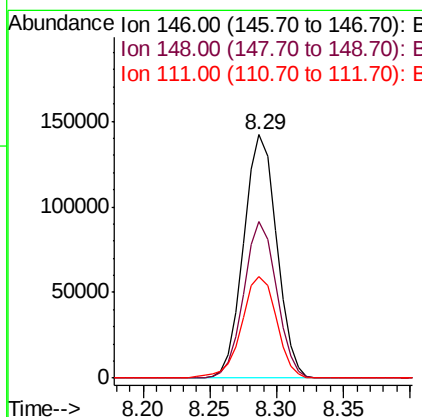
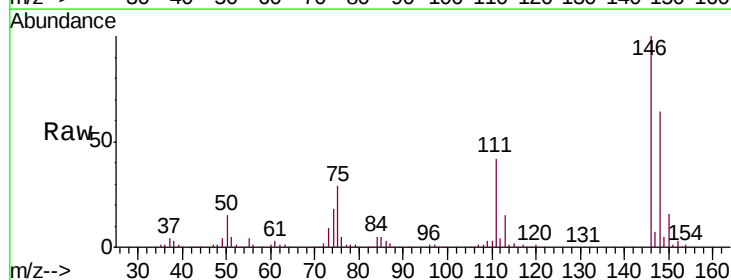
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

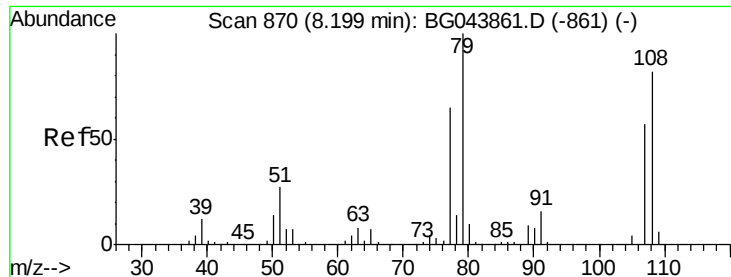
Tgt Ion:146 Resp: 255683
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.2 76.8
 111 40.5 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.244 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion:146 Resp: 242799
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.7 77.5
 111 41.8 34.4 51.6





#15

Benzyl Alcohol

Concen: 40.995 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

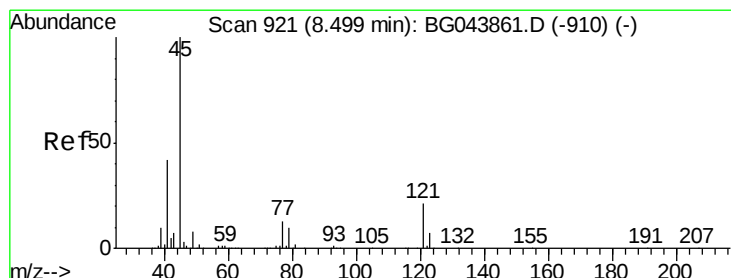
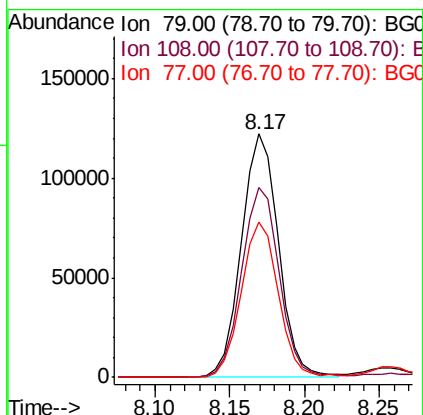
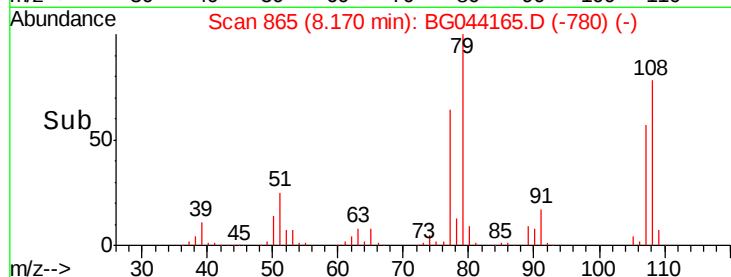
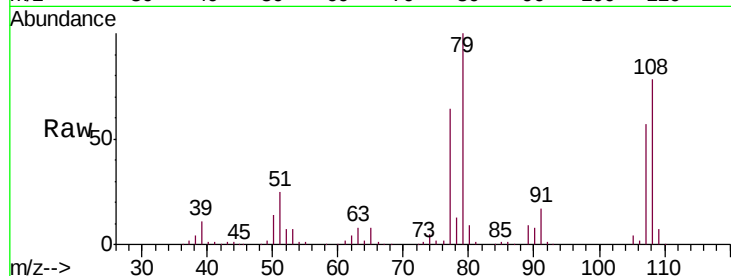
Tgt Ion: 79 Resp: 209714

Ion Ratio Lower Upper

79 100

108 78.1 65.6 98.4

77 63.9 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.631 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

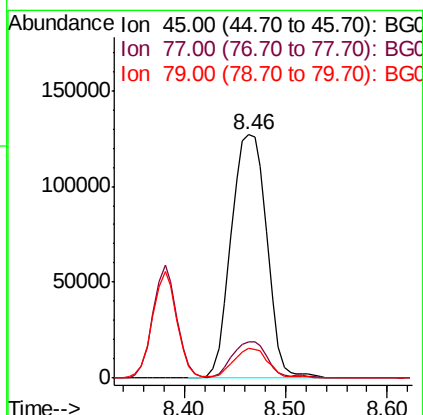
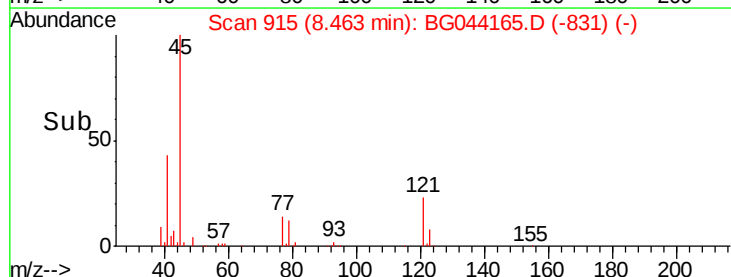
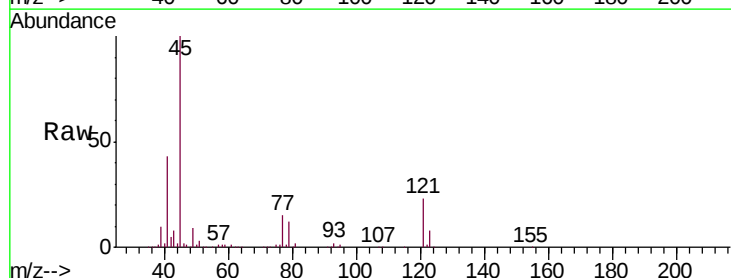
Tgt Ion: 45 Resp: 308866

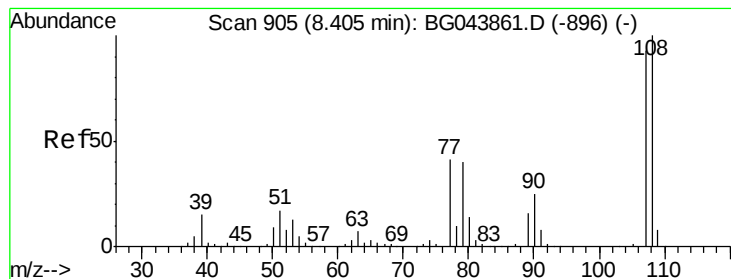
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.8

79 12.2 0.0 31.0





#17

2-Methylphenol

Concen: 45.520 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

Tgt Ion:107 Resp: 219992

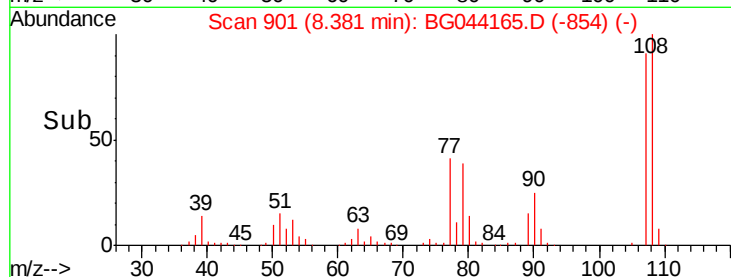
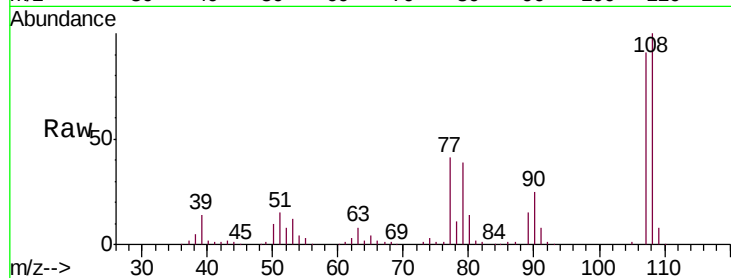
Ion Ratio Lower Upper

107 100

108 110.2 86.1 129.1

77 45.7 35.4 53.0

79 43.0 34.8 52.2

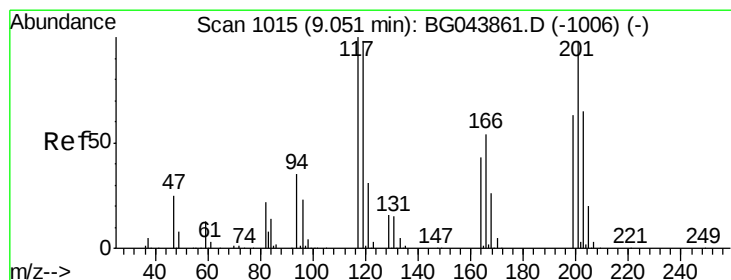
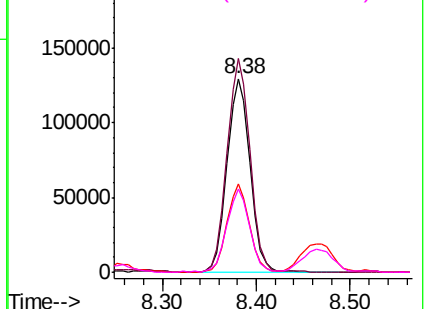


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.294 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

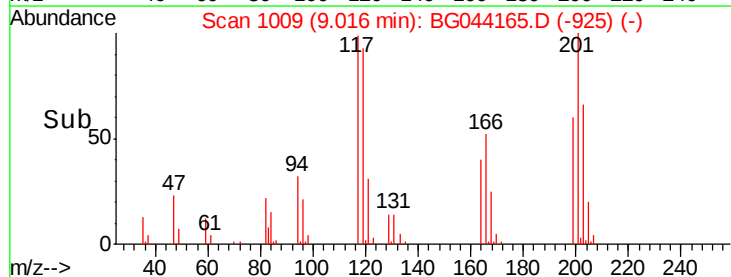
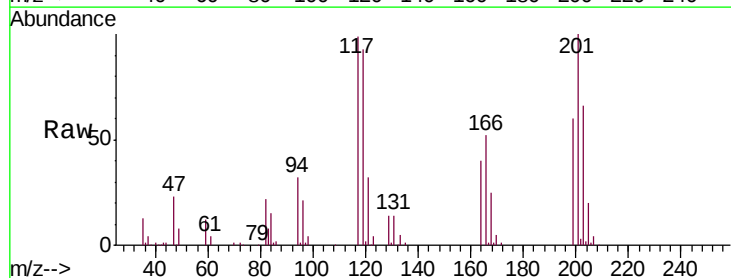
Tgt Ion:117 Resp: 96106

Ion Ratio Lower Upper

117 100

119 94.3 78.1 117.1

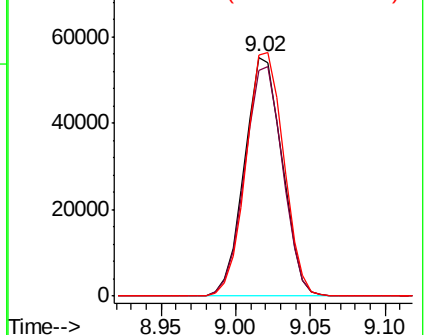
201 101.1 78.6 117.8

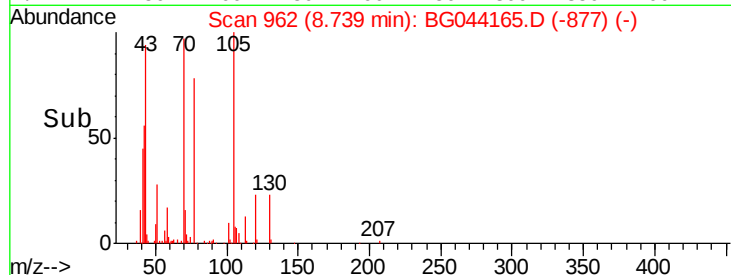
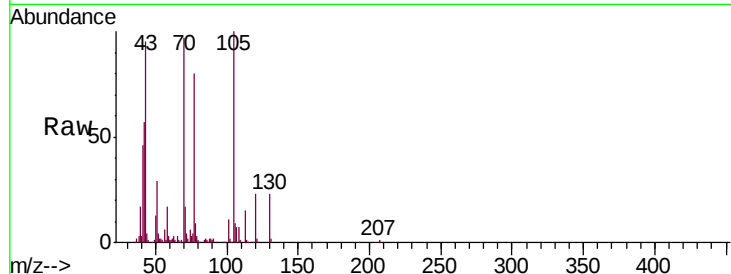
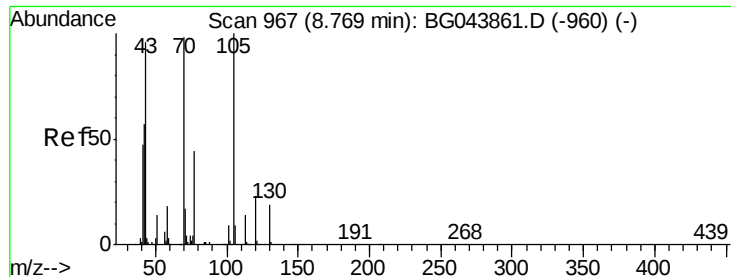


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

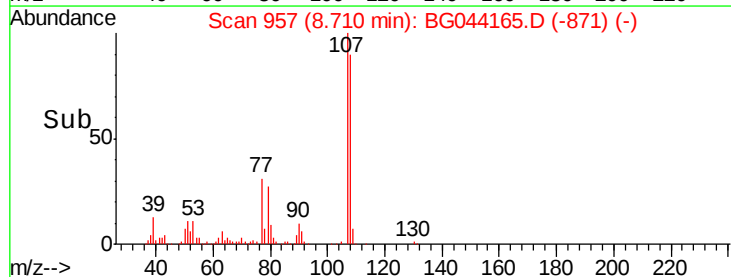
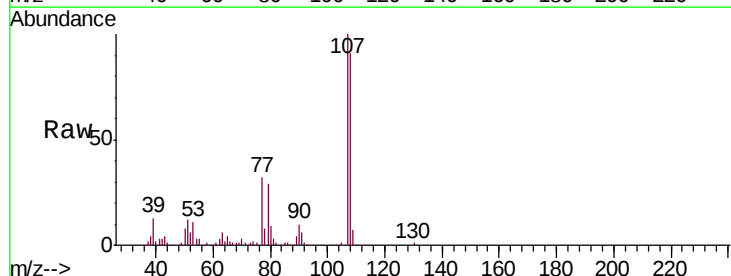
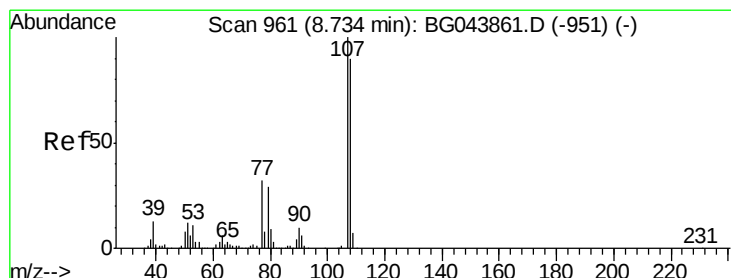
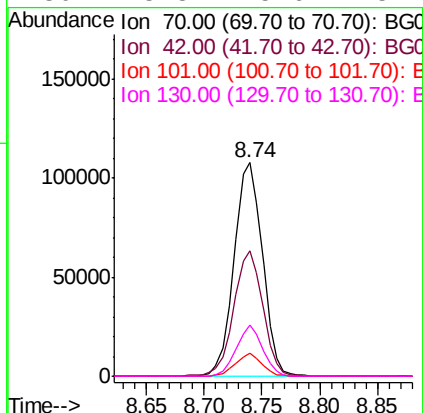




#19
n-Nitroso-di-n-propylamine
Concen: 37.914 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

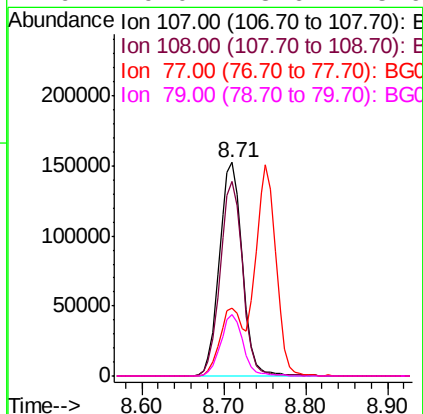
Instrument :
BNA_G
ClientSampleId :
PB126284BS

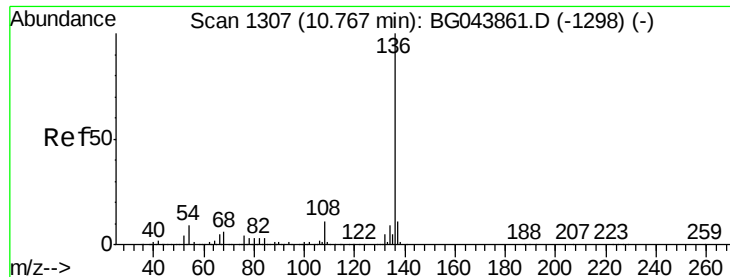
Tgt Ion:	70	Resp:	183017
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.0	70.4
101	11.0	7.2	10.8#
130	23.8	15.6	23.4#



#20
3+4-Methylphenols
Concen: 44.192 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:	107	Resp:	297938
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.3	110.3
77	32.1	12.4	52.4
79	29.0	8.6	48.6

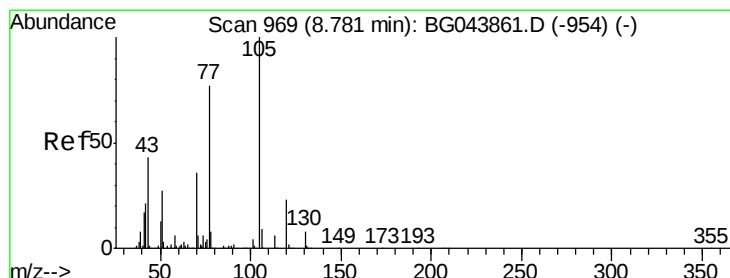
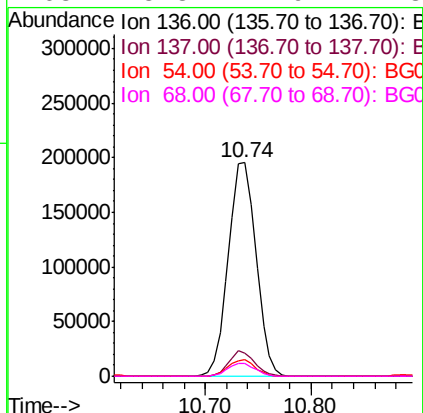
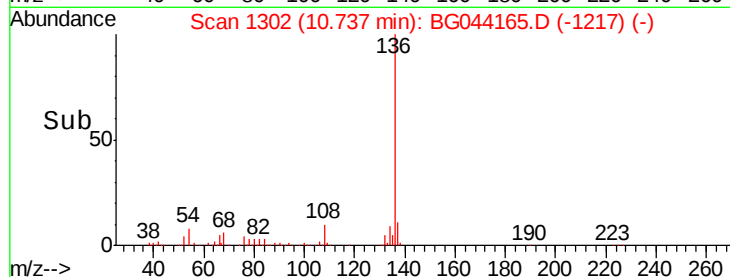
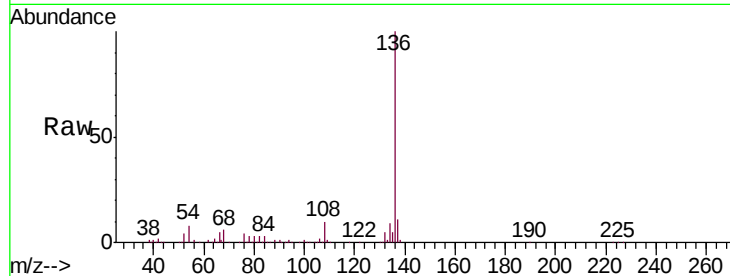




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

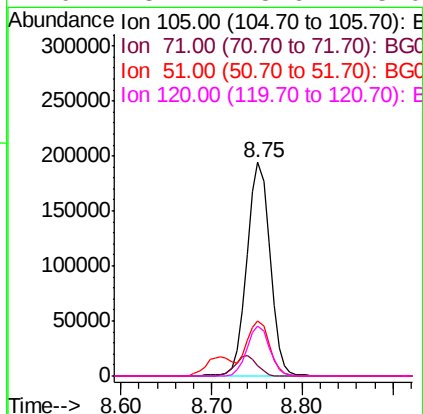
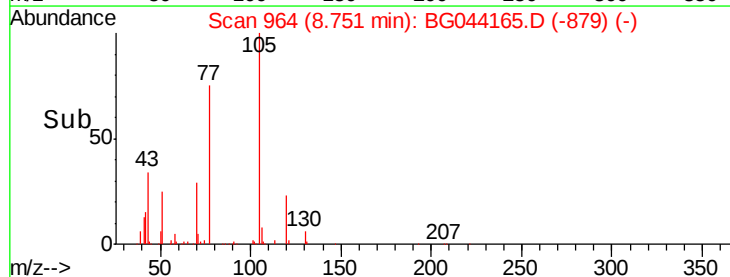
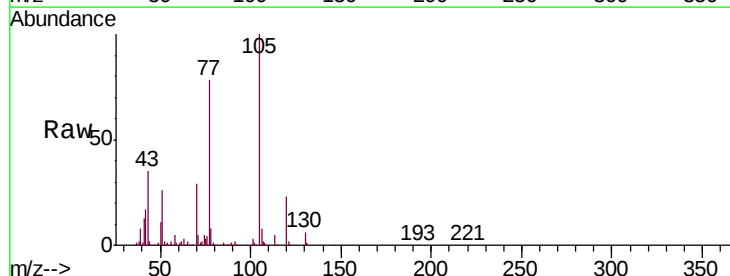
Instrument :
BNA_G
ClientSampleId :
PB126284BS

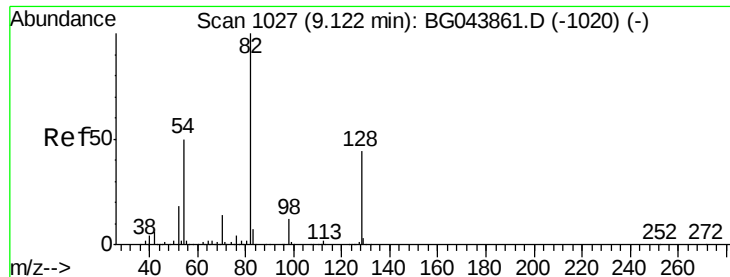
Tgt Ion:	136	Resp:	355277
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	7.0	10.4
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 38.971 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:	105	Resp:	344210
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.8	7.2
51	25.8	21.4	32.0
120	23.2	18.6	28.0

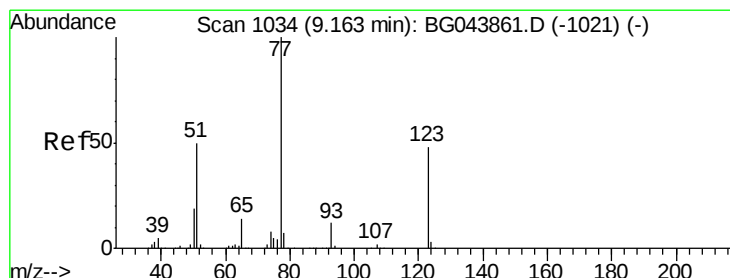
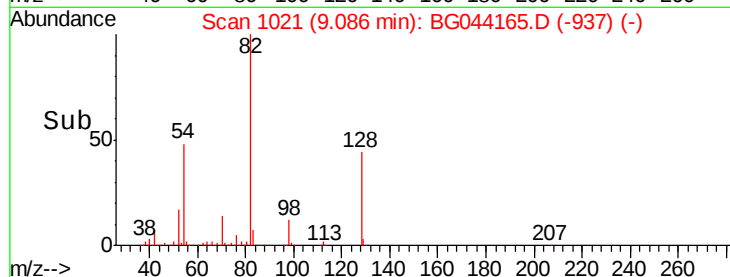
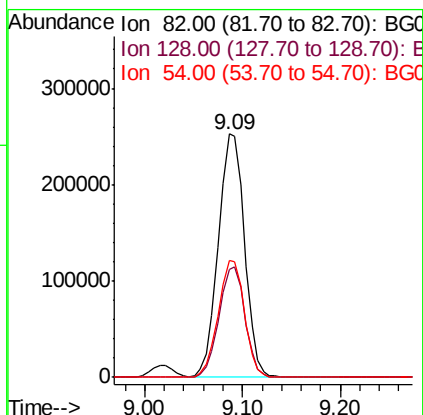
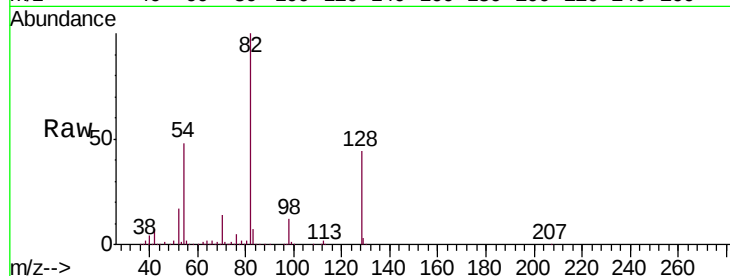




#23
 Nitrobenzene-d5
 Concen: 70.968 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

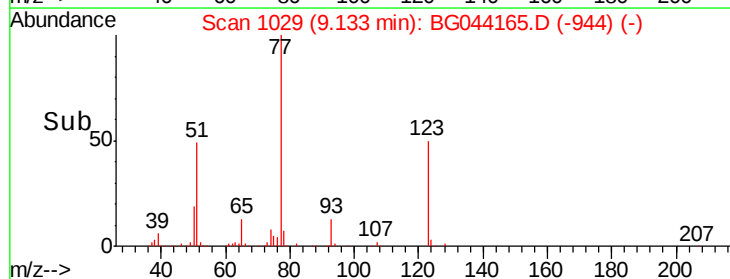
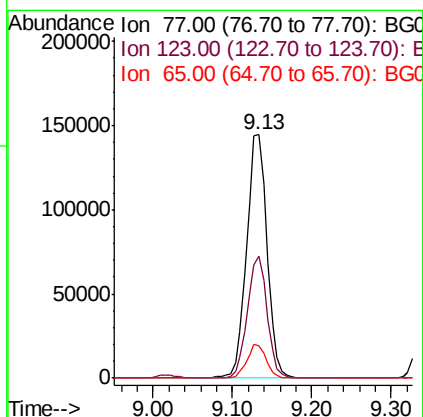
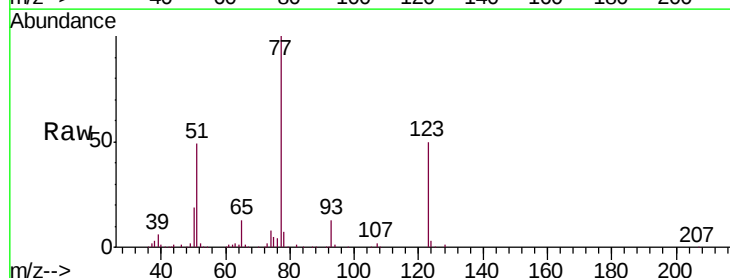
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

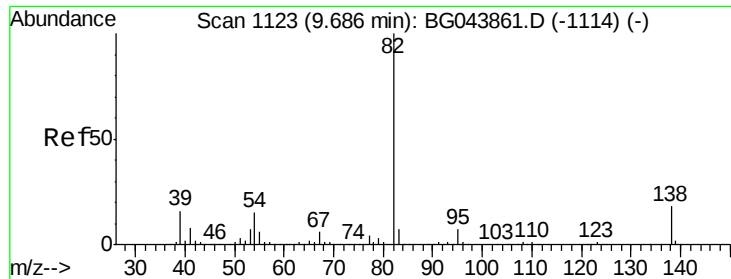
Tgt Ion: 82 Resp: 471313
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.1 52.7
 54 47.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 39.564 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion: 77 Resp: 260237
 Ion Ratio Lower Upper
 77 100
 123 50.0 38.7 58.1
 65 13.3 11.1 16.7

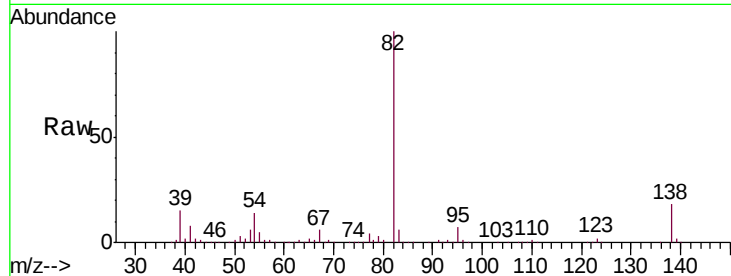




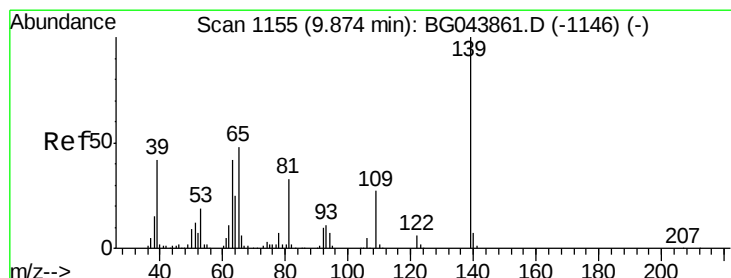
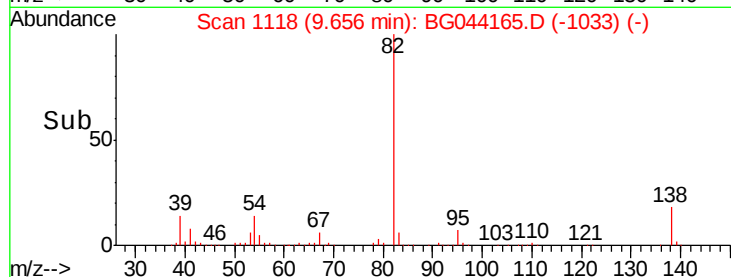
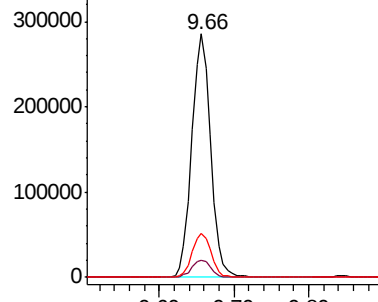
#25
Isophorone
Concen: 40.270 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion: 82 Resp: 501745
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.0 14.6 22.0

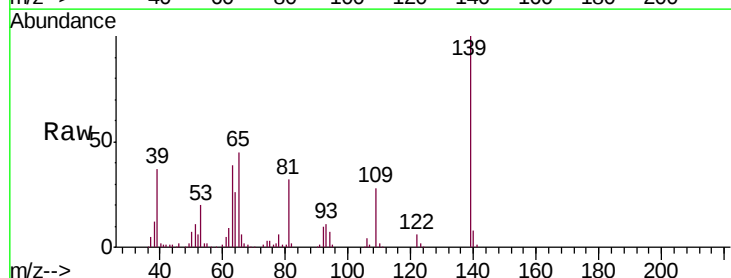


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

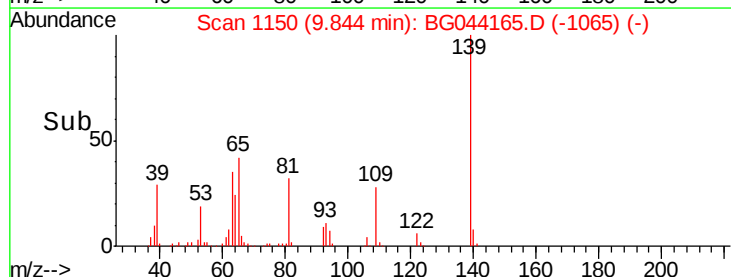
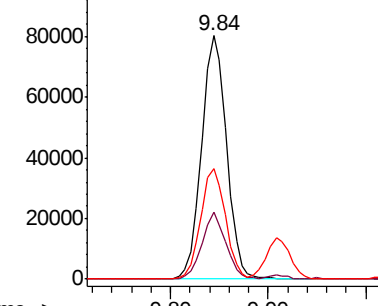


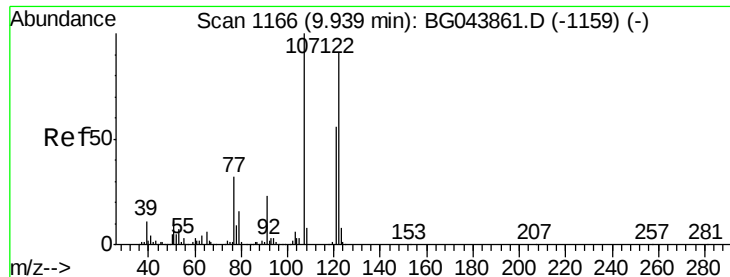
#26
2-Nitrophenol
Concen: 45.815 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion: 139 Resp: 142574
Ion Ratio Lower Upper
139 100
109 27.5 21.3 31.9
65 45.1 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

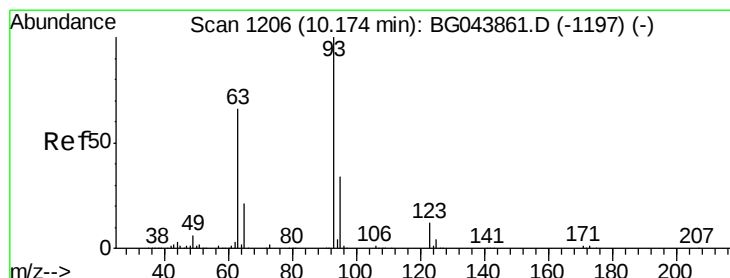
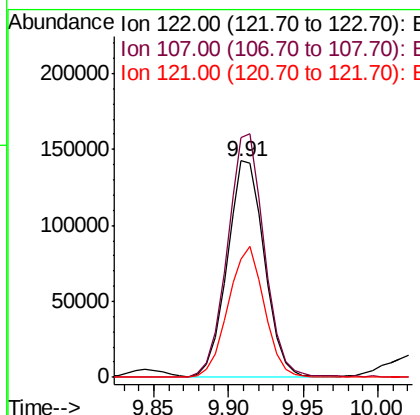
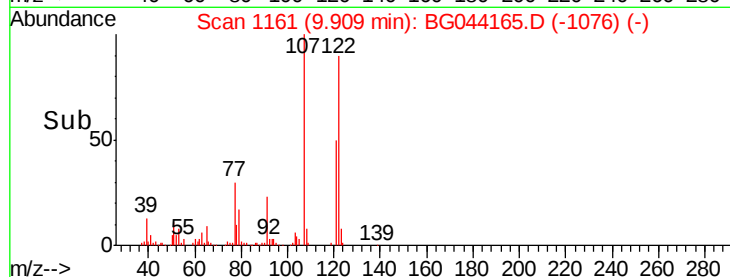
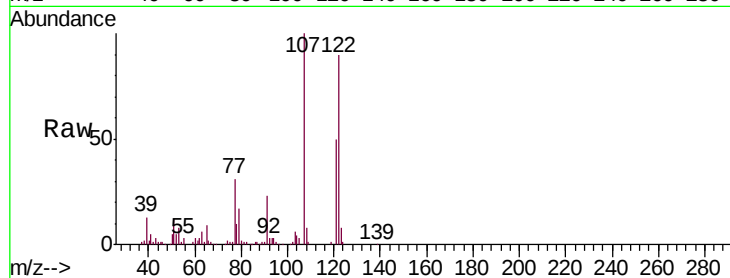




#27
 2,4-Dimethylphenol
 Concen: 52.340 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

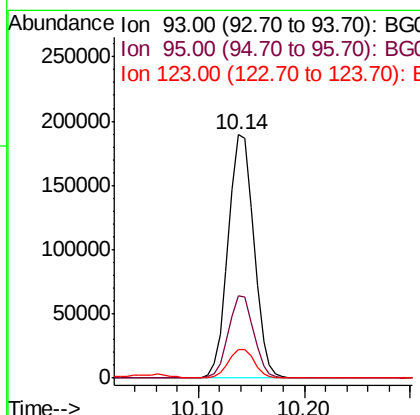
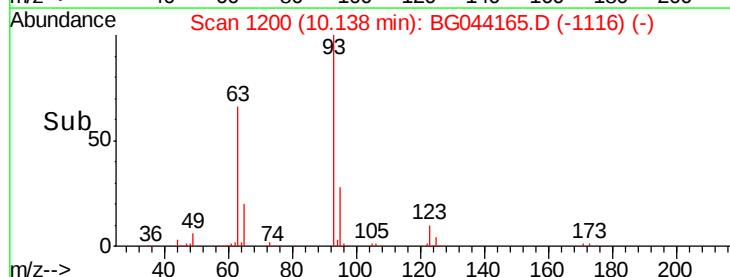
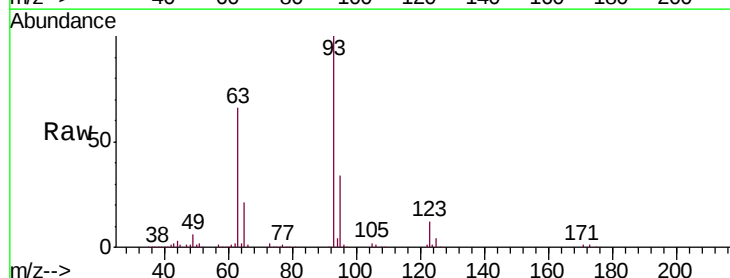
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

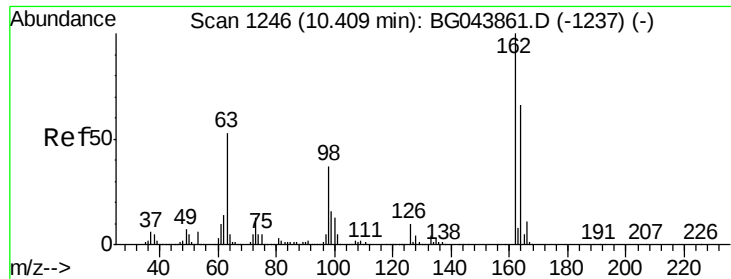
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.0	132.0
121	54.9	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.501 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.2	40.8
123	11.5	9.7	14.5

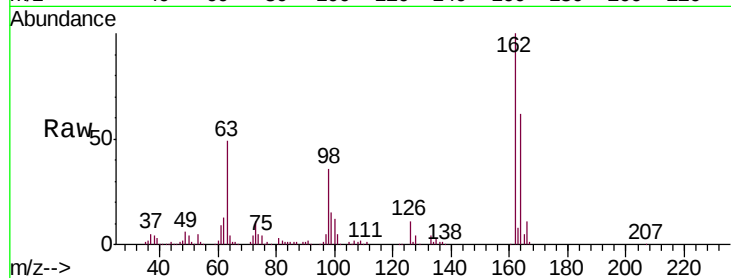




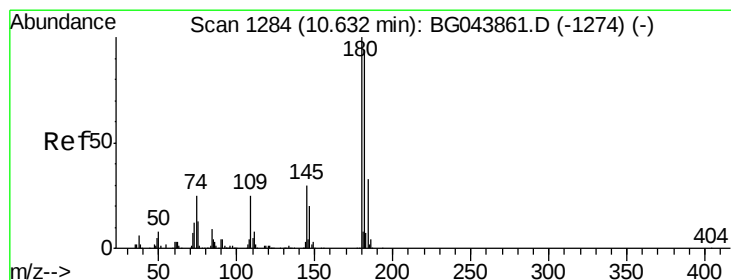
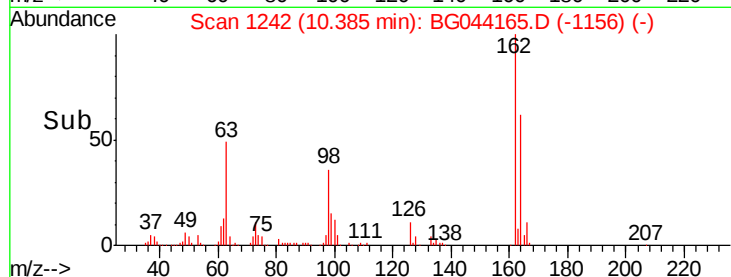
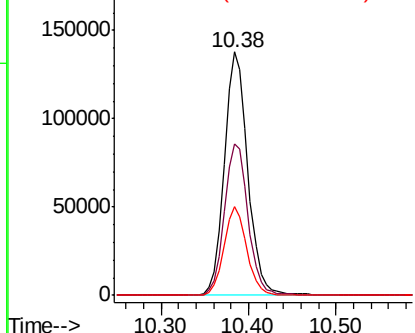
#29
2,4-Dichlorophenol
Concen: 45.353 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.3	86.3
98	36.4	17.3	57.3

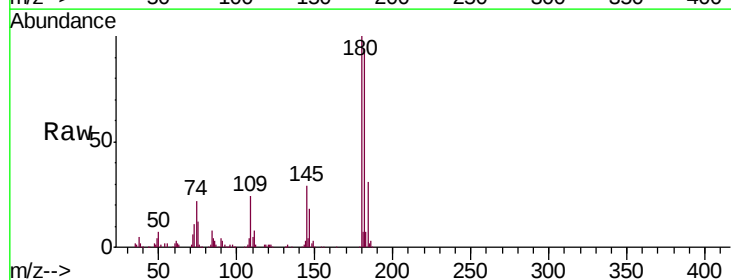


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

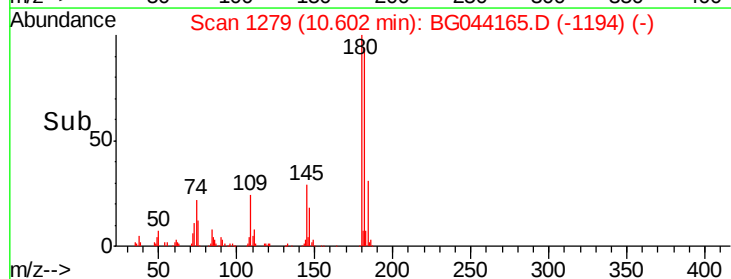
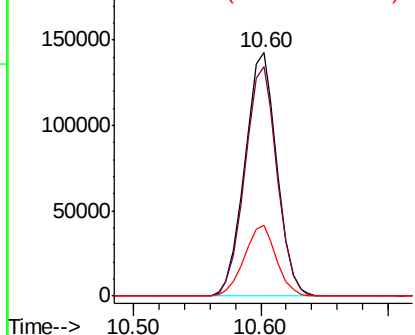


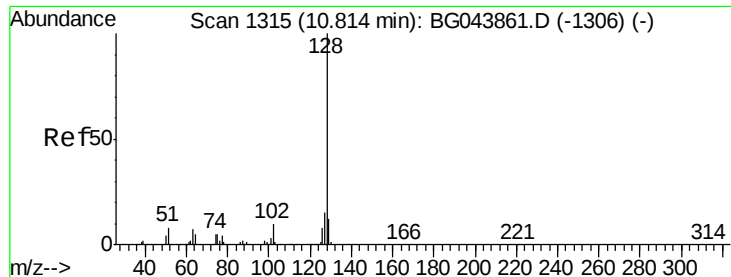
#30
1,2,4-Trichlorobenzene
Concen: 39.825 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.4
145	29.0	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

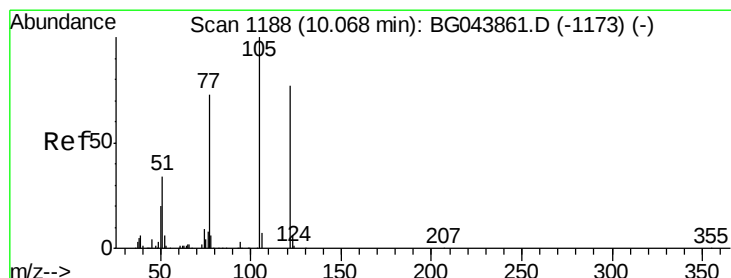
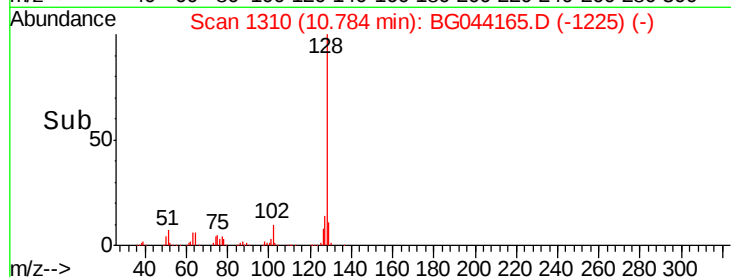
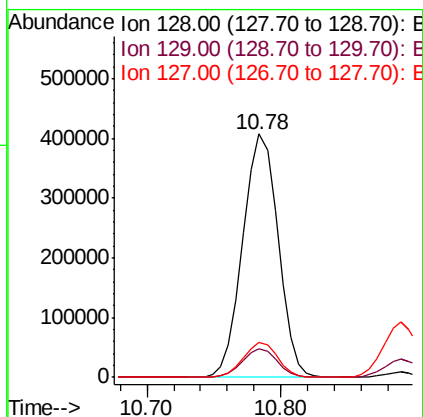
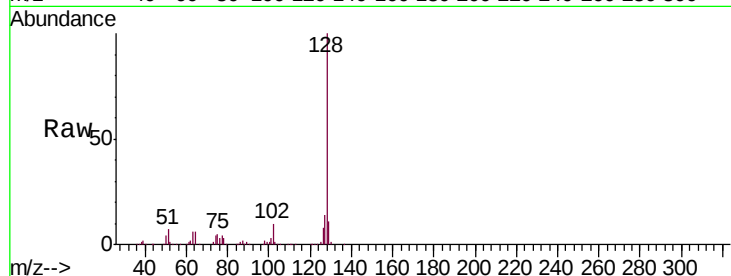




#31
Naphthalene
Concen: 43.399 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

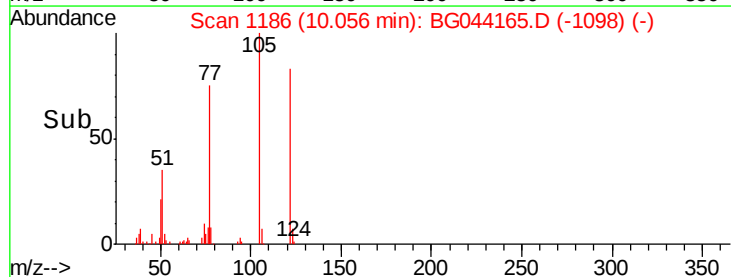
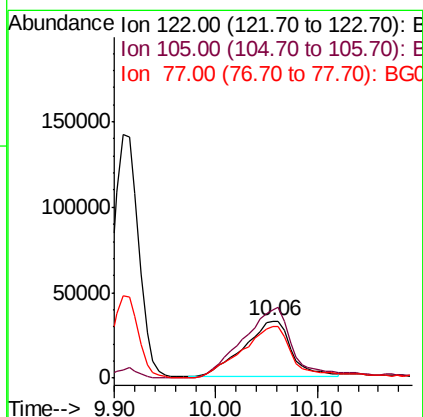
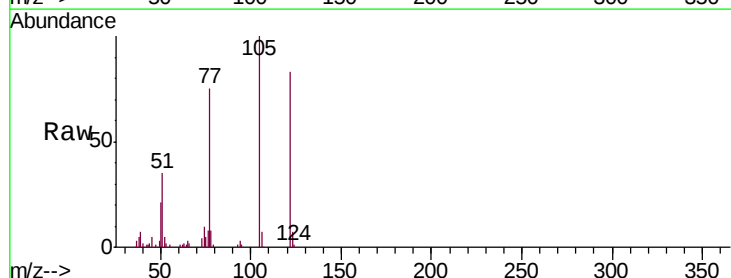
Instrument :
BNA_G
ClientSampleId :
PB126284BS

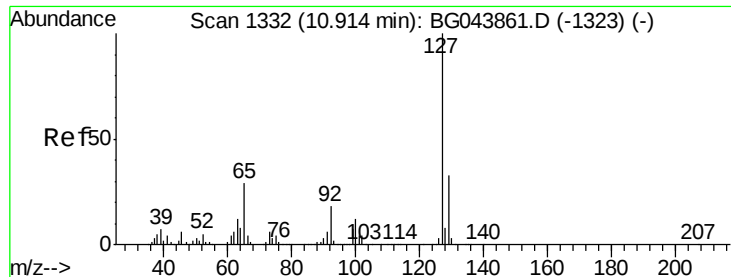
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	14.3	12.0	18.0



#32
Benzoic acid
Concen: 31.005 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	106.4	146.4
77	90.4	74.6	114.6

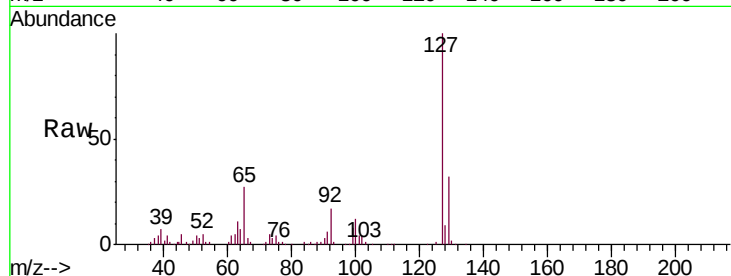




#33
4-Chloroaniline
Concen: 21.966 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion:	127	Resp:	180126
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	27.1	23.3	34.9
92	16.8	14.7	22.1



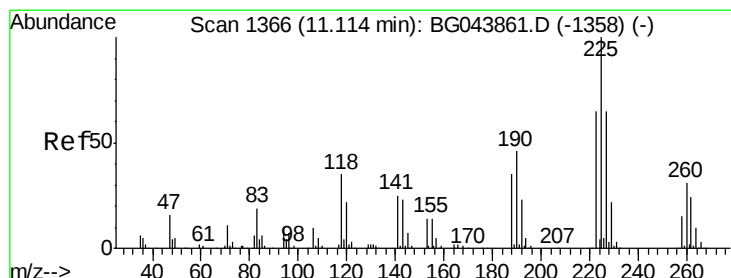
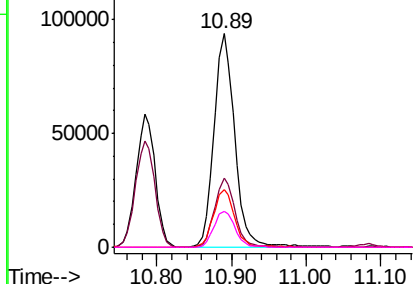
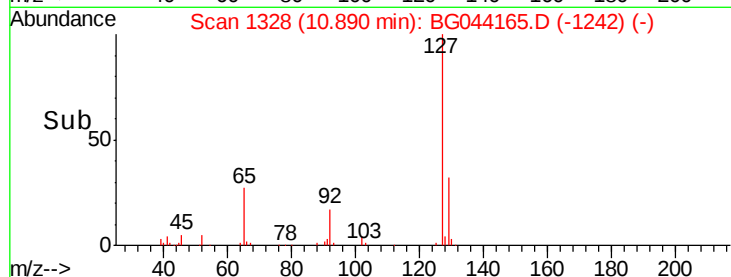
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

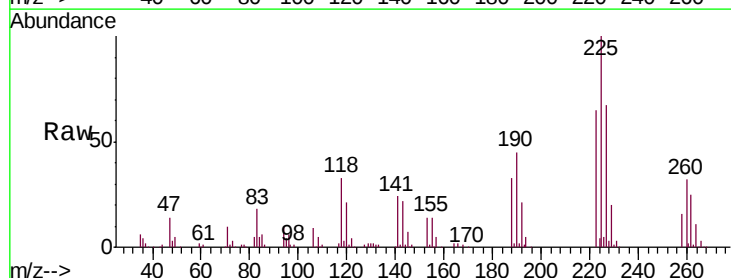
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.839 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:	225	Resp:	144744
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.2	78.4
227	67.0	52.1	78.1

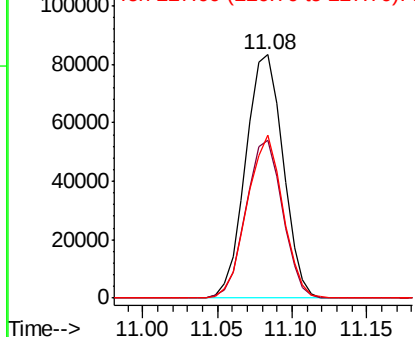
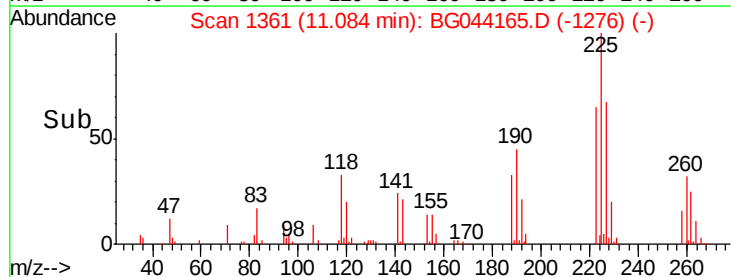


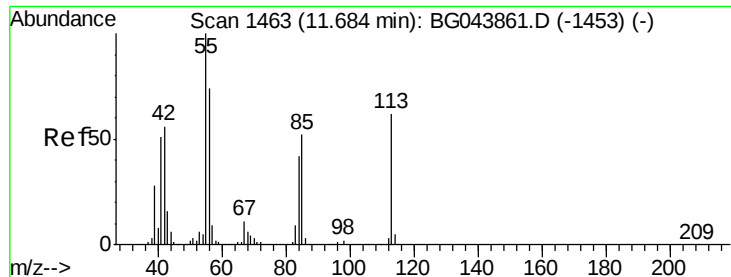
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.646 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

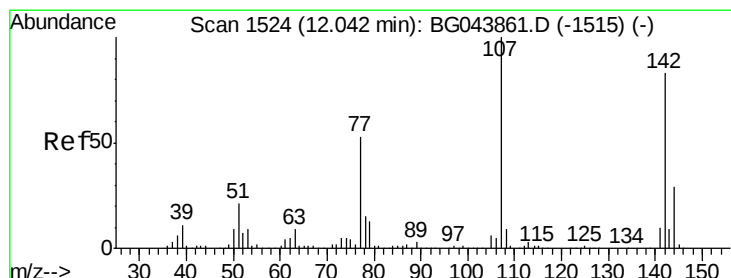
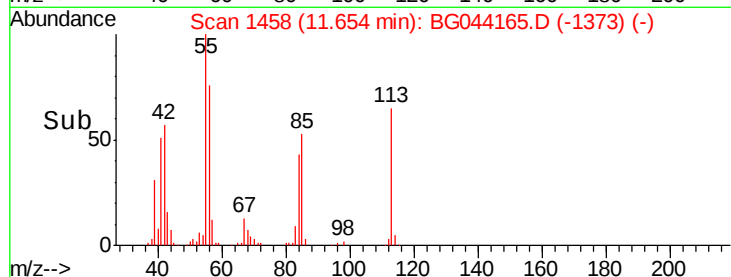
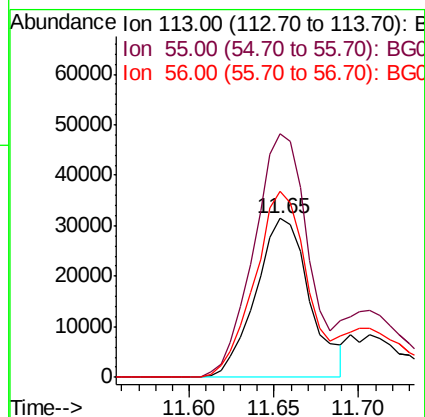
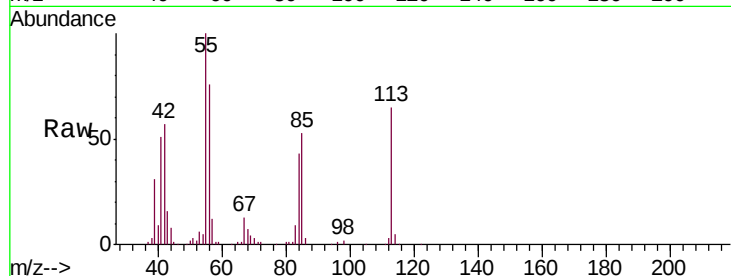
Tgt Ion:113 Resp: 69989

Ion Ratio Lower Upper

113 100

55 153.6 142.5 182.5

56 117.0 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 45.663 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

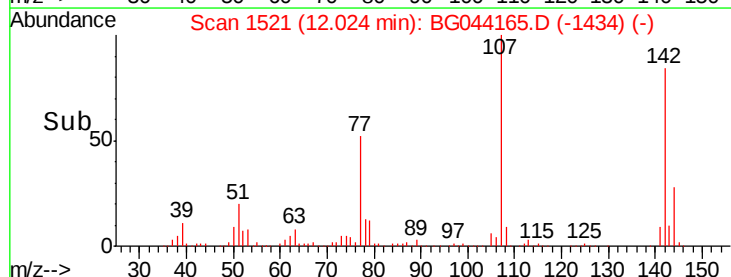
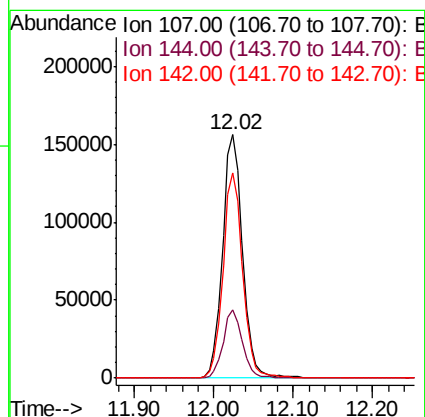
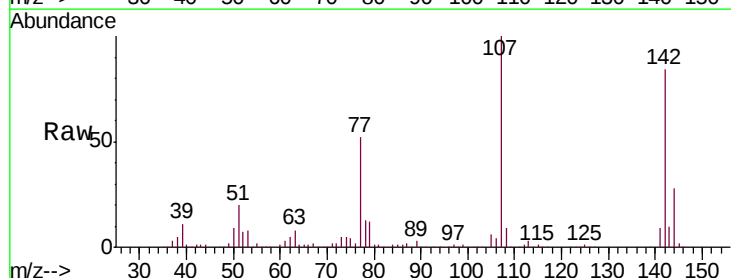
Tgt Ion:107 Resp: 271626

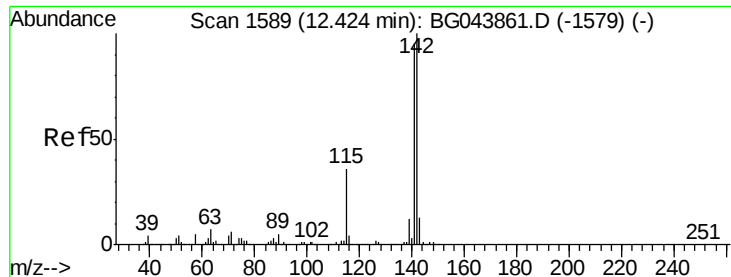
Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

142 84.2 66.3 99.5

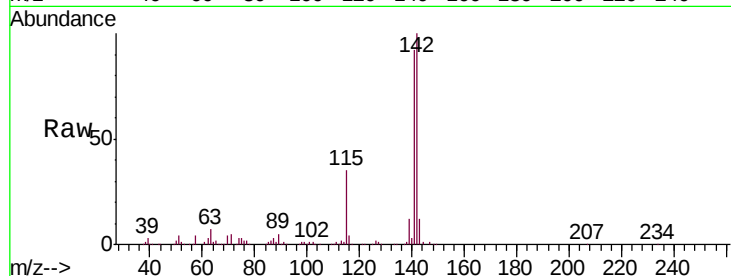




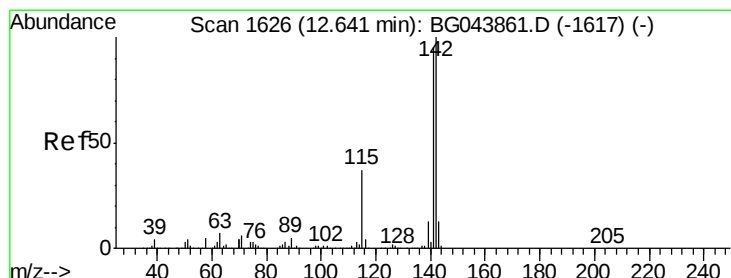
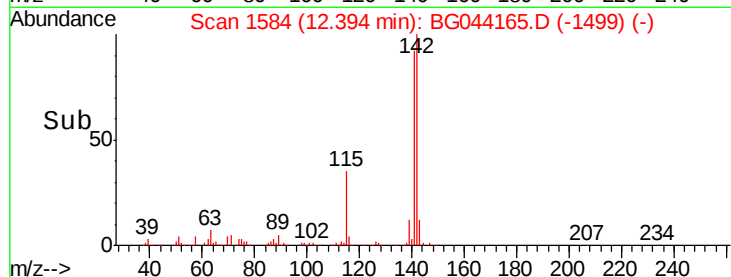
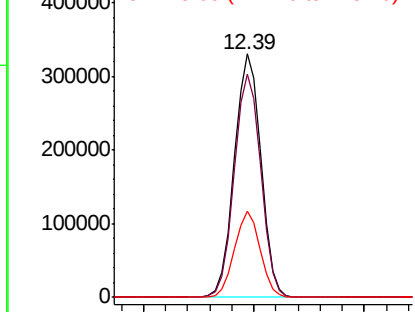
#37
 2-Methylnaphthalene
 Concen: 43.364 ng
 RT: 12.39 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
115	35.3	28.6	42.8

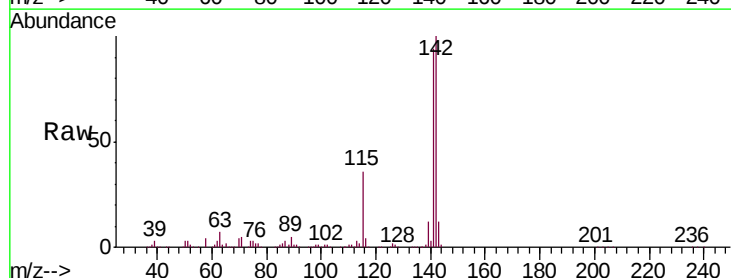


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

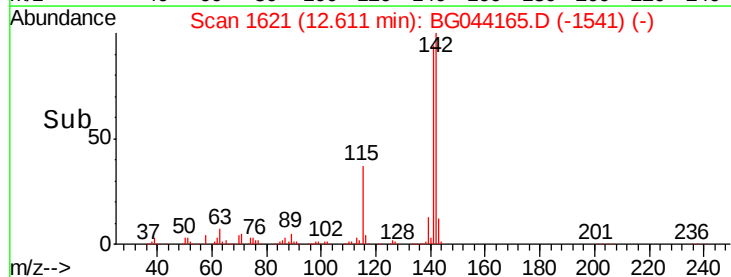
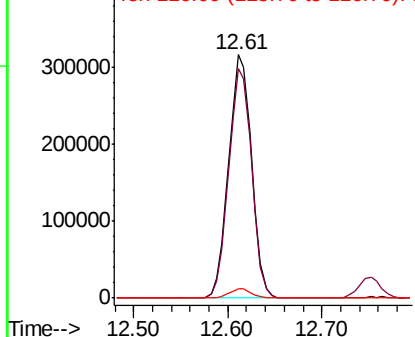


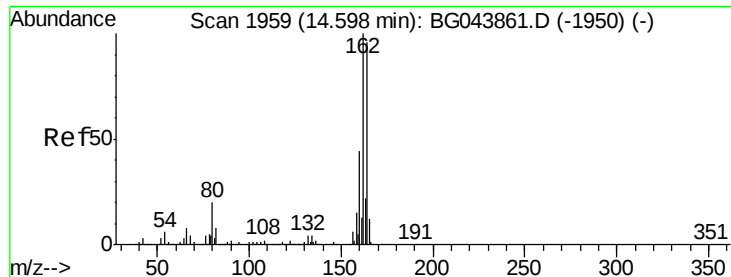
#38
 1-Methylnaphthalene
 Concen: 43.549 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.0	114.0
116	3.8	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: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

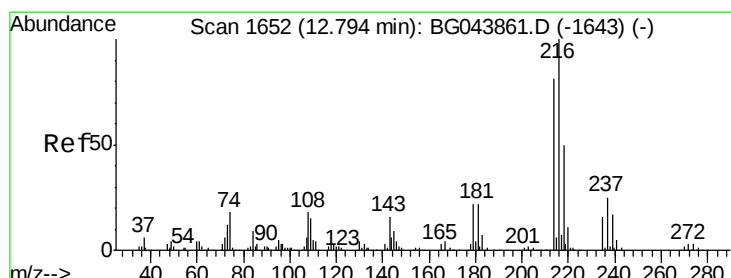
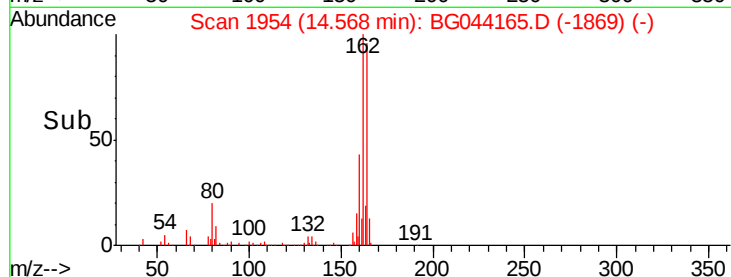
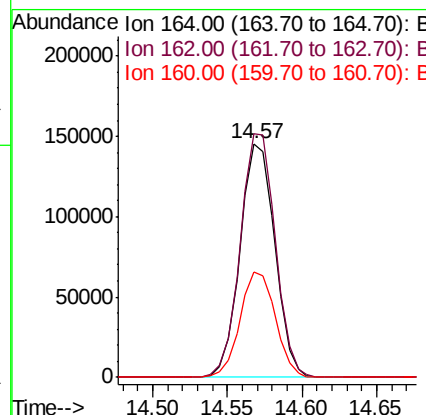
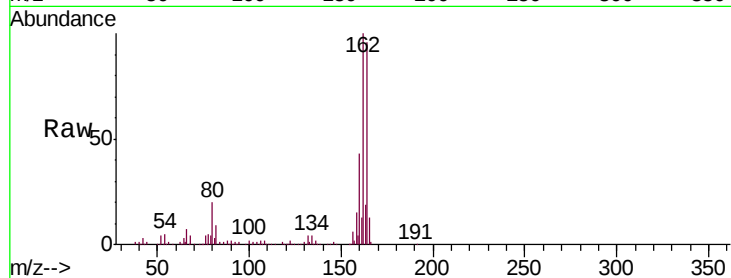
Instrument :

BNA_G

ClientSampleId :

PB126284BS

Tgt Ion:	164	Resp:	234821
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	45.1	36.1	54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.919 ng

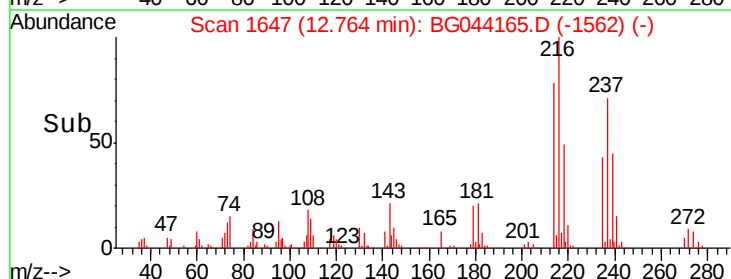
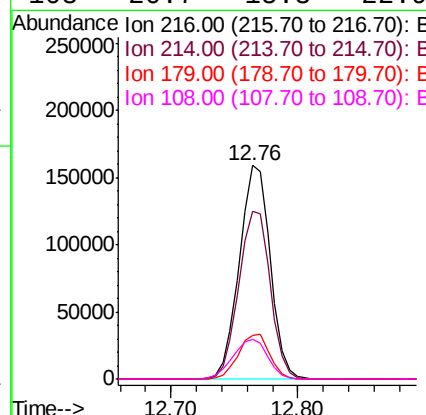
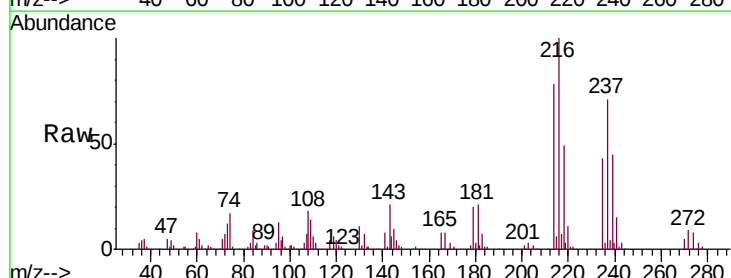
RT: 12.76 min Scan# 1647

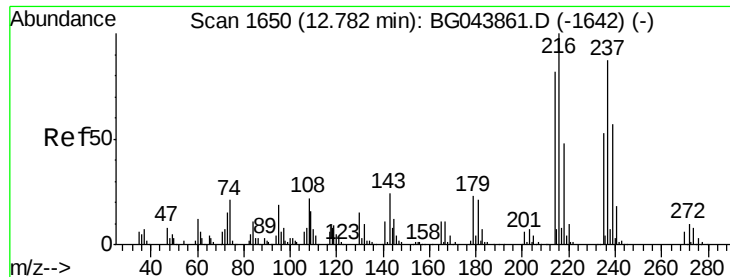
Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	216	Resp:	267864
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	21.1	17.3	25.9
108	20.7	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 99.446 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

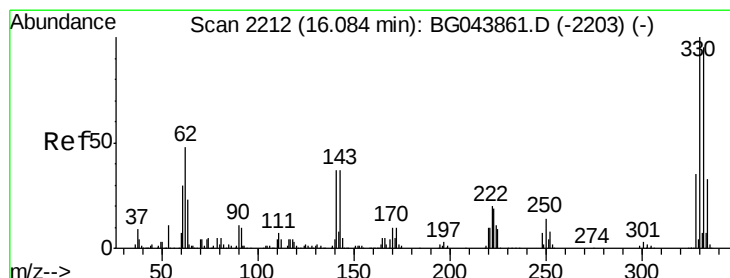
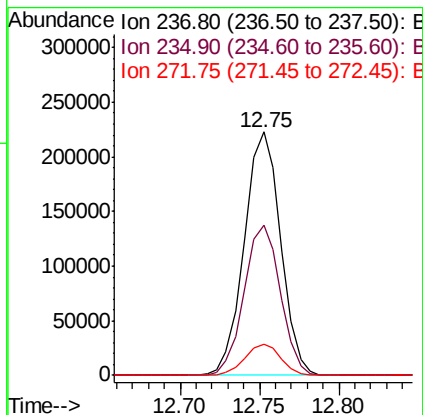
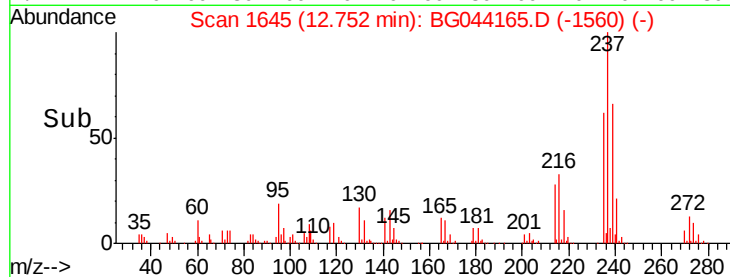
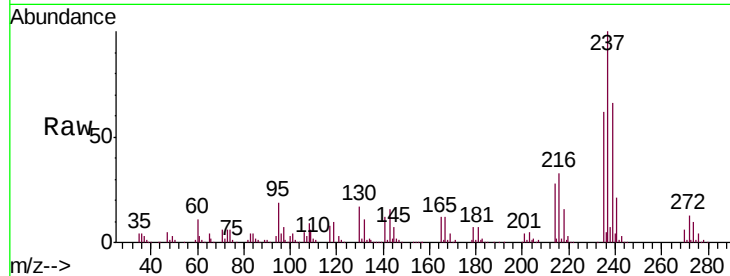
Tgt Ion:237 Resp: 354843

Ion Ratio Lower Upper

237 100

235 61.7 41.1 81.1

272 13.0 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 135.982 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

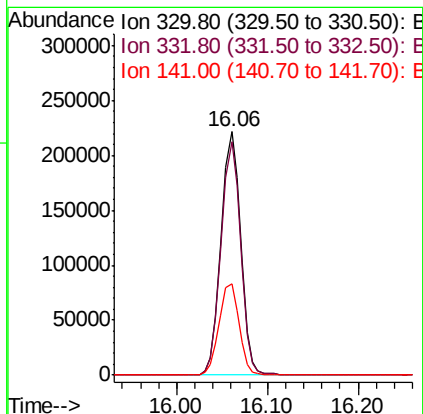
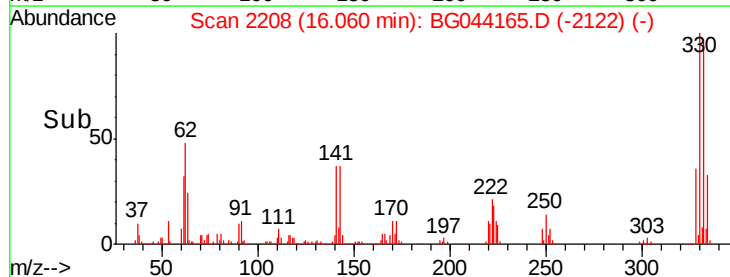
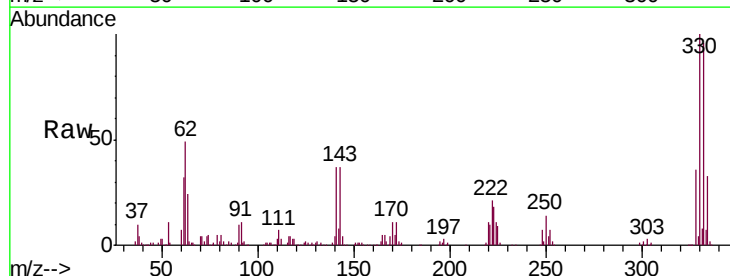
Tgt Ion:330 Resp: 334155

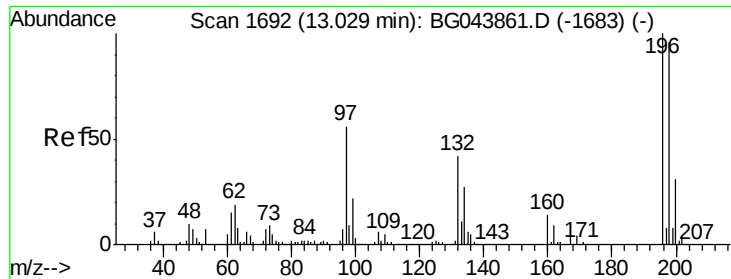
Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 38.1 33.1 49.7





#43

2,4,6-Trichlorophenol

Concen: 41.799 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

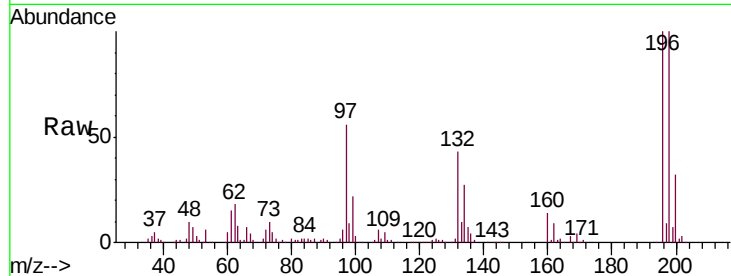
Tgt Ion:196 Resp: 197950

Ion Ratio Lower Upper

196 100

198 100.2 76.6 115.0

200 32.3 24.6 37.0

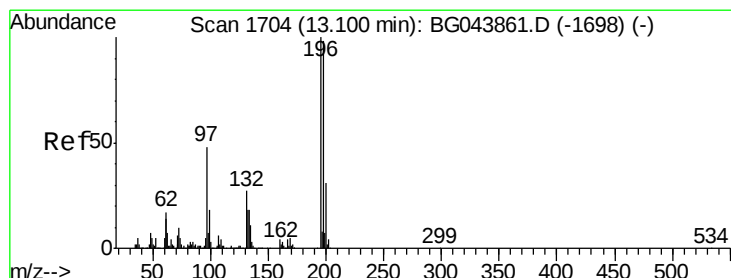
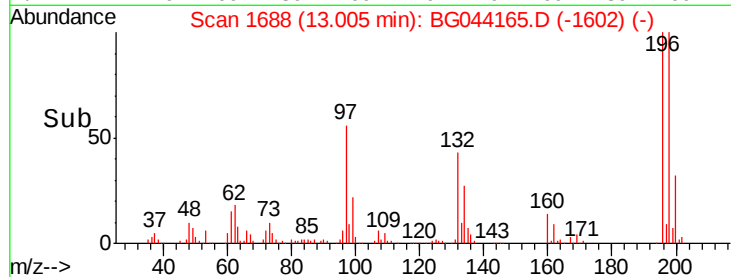
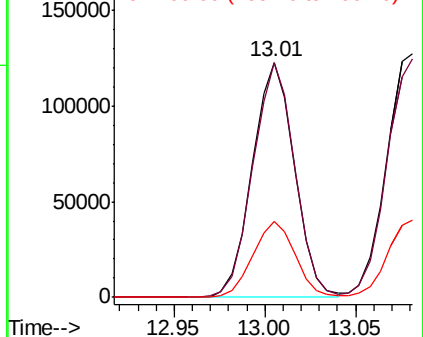


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.622 ng

RT: 13.08 min Scan# 1701

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:196 Resp: 217950

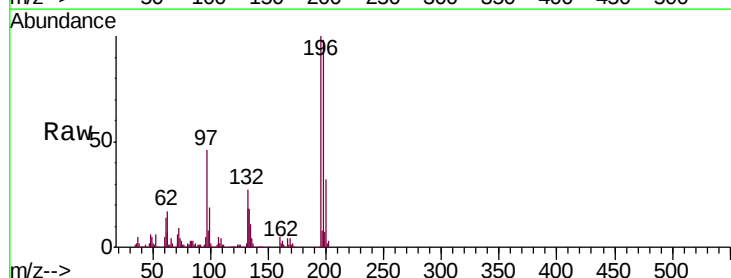
Ion Ratio Lower Upper

196 100

198 97.9 78.3 117.5

97 46.2 38.8 58.2

132 26.7 21.3 31.9



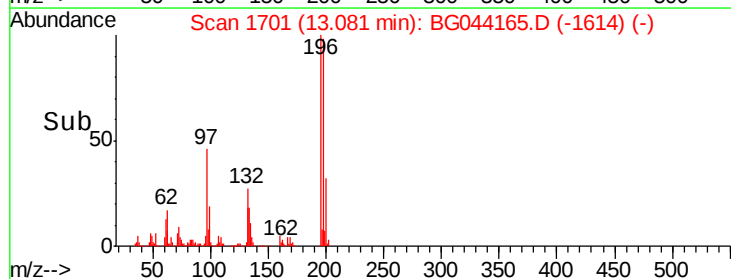
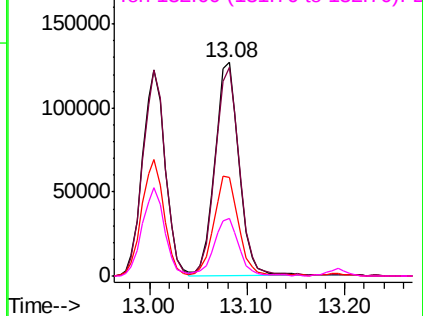
Abundance

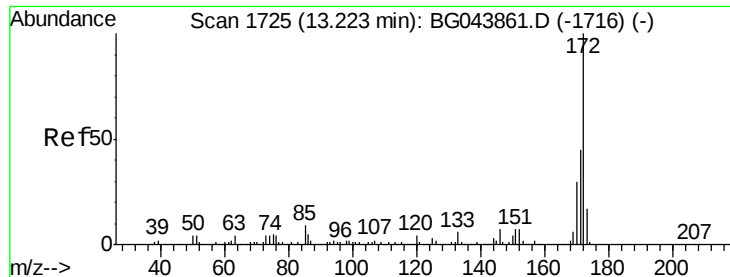
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

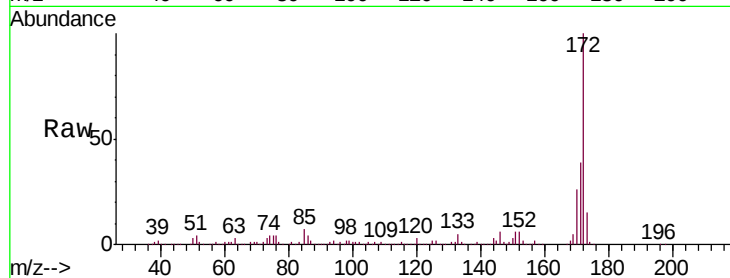




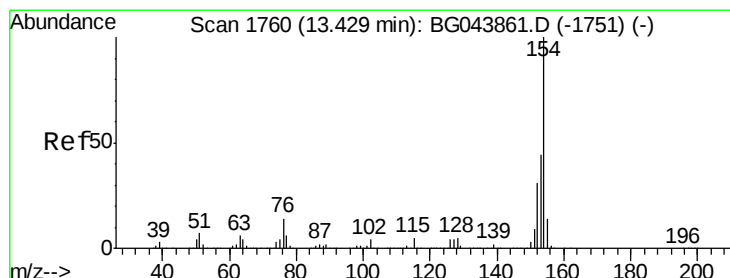
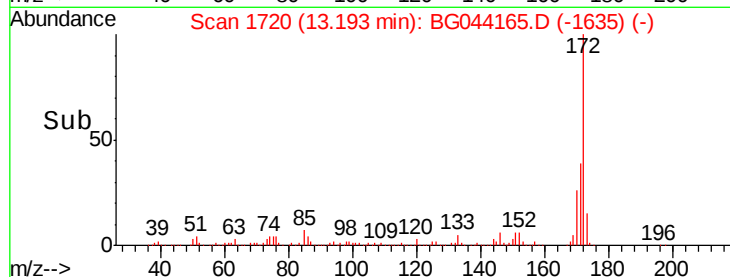
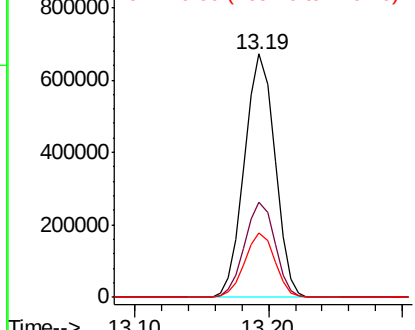
#45
2-Fluorobiphenyl
Concen: 81.954 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion:172 Resp: 1062192
Ion Ratio Lower Upper
172 100
171 39.3 35.8 53.8
170 26.2 24.2 36.4

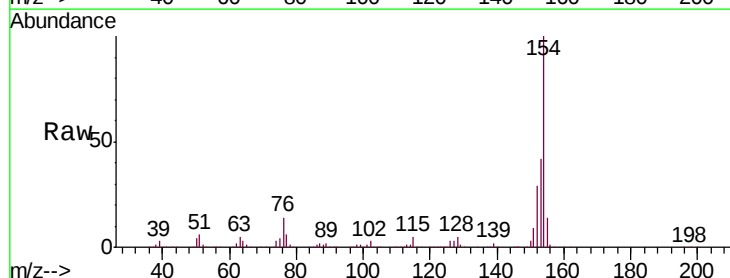


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

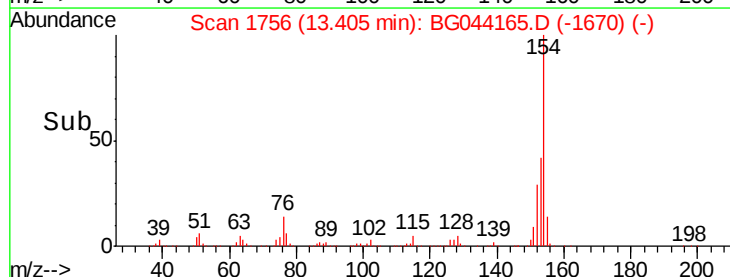
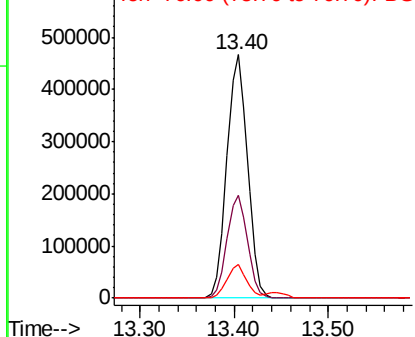


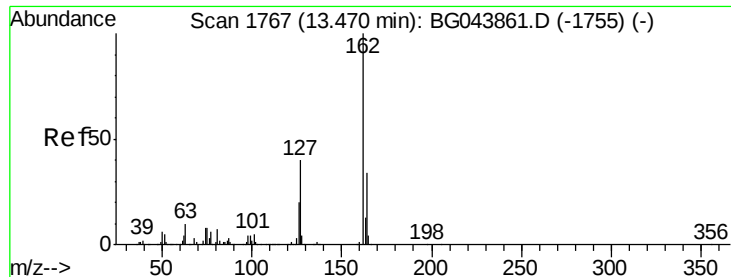
#46
1,1'-Biphenyl
Concen: 42.269 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:154 Resp: 711653
Ion Ratio Lower Upper
154 100
153 42.4 23.6 63.6
76 13.7 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

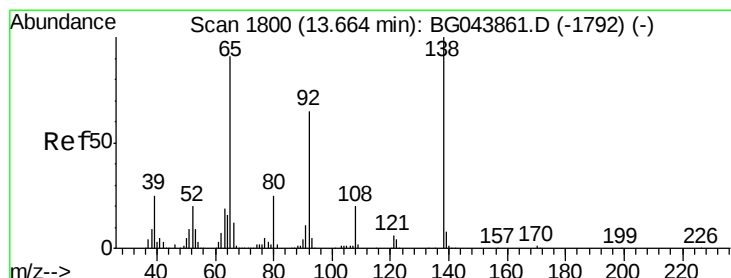
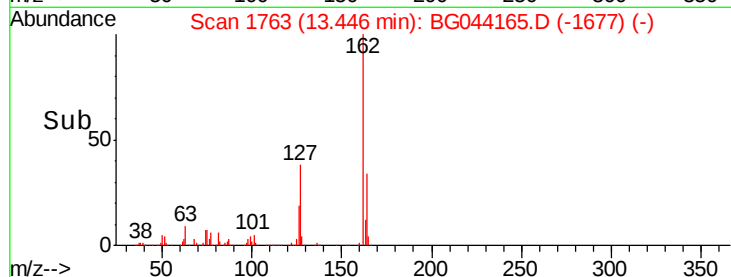
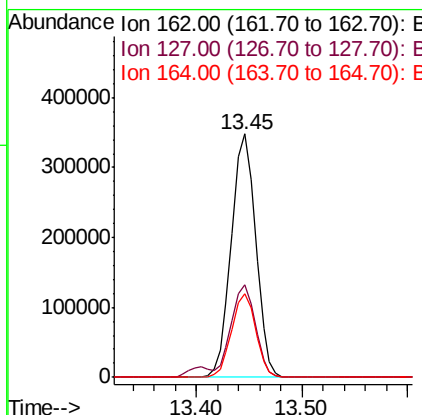
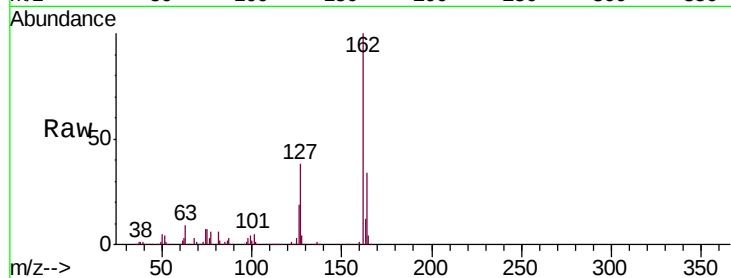




#47
 2-Chloronaphthalene
 Concen: 40.964 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

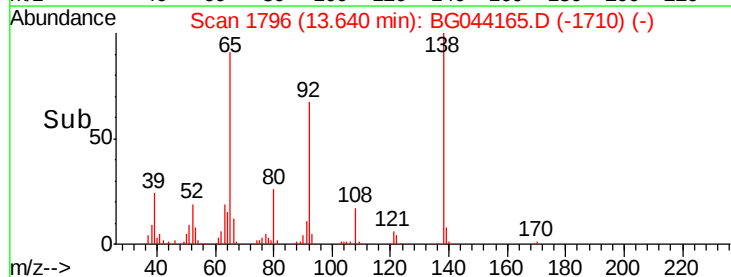
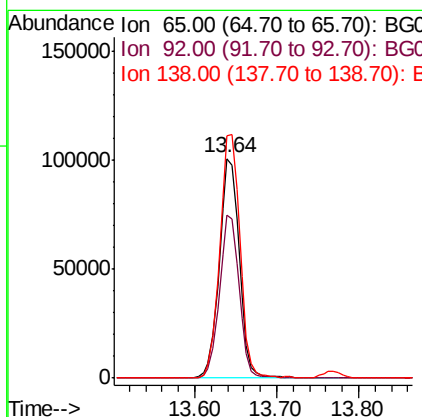
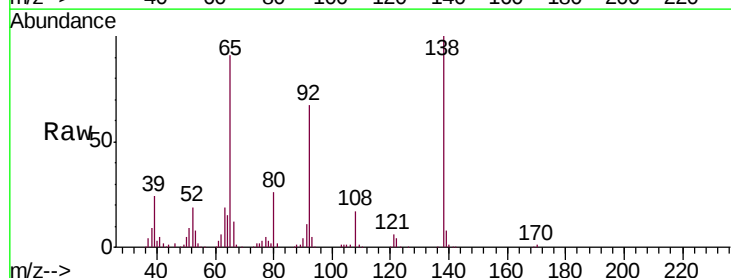
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

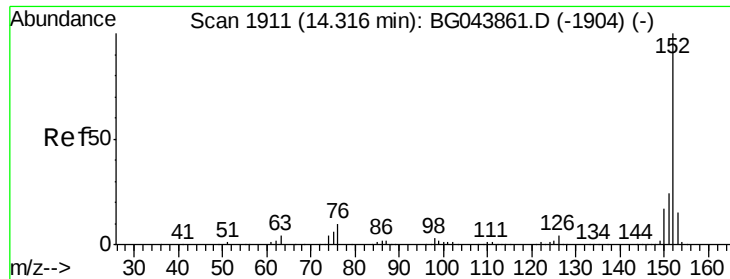
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 39.239 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.2
138	110.5	88.2	132.4





#49

Acenaphthylene

Concen: 45.665 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

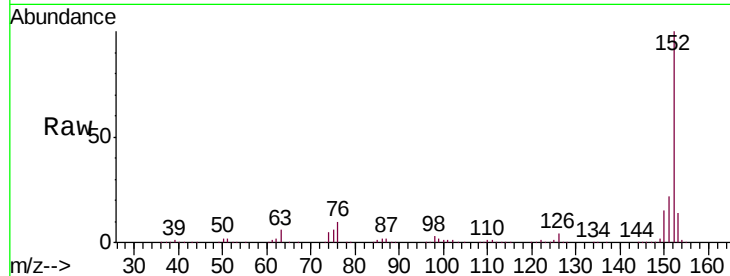
Tgt Ion:152 Resp: 892950

Ion Ratio Lower Upper

152 100

151 22.1 19.4 29.2

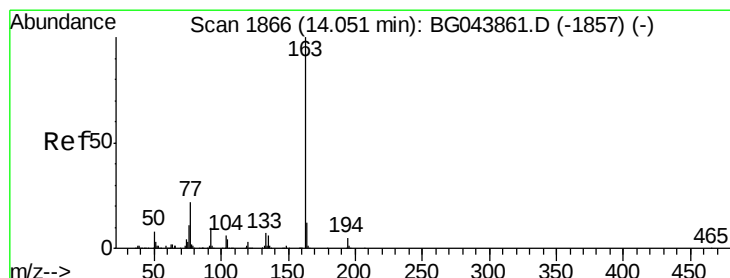
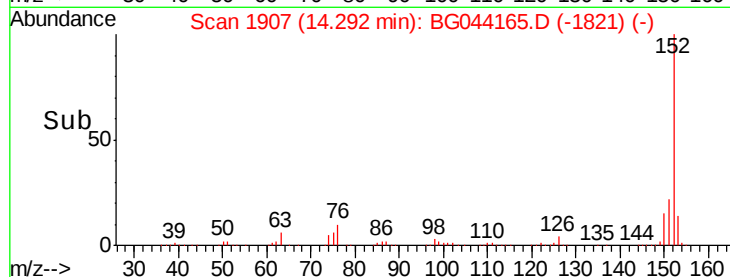
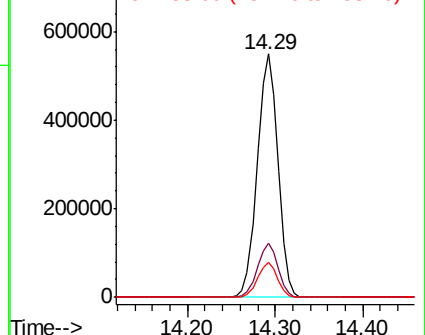
153 14.2 12.0 18.0



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: 42.207 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

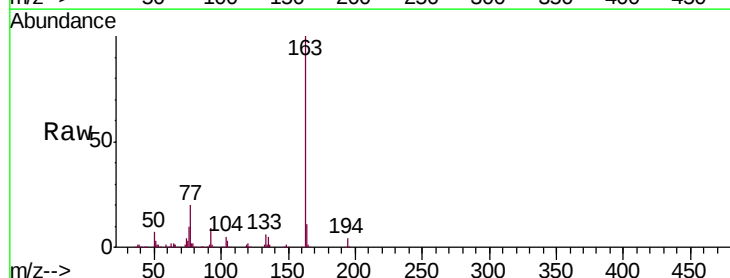
Tgt Ion:163 Resp: 703734

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

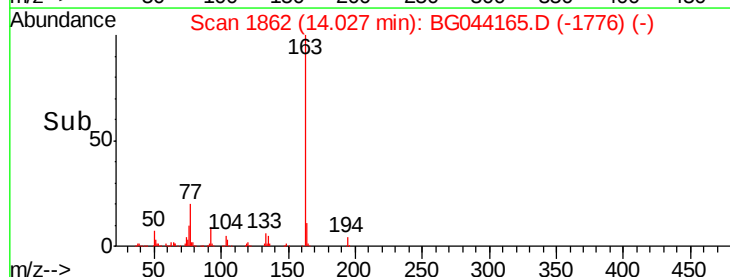
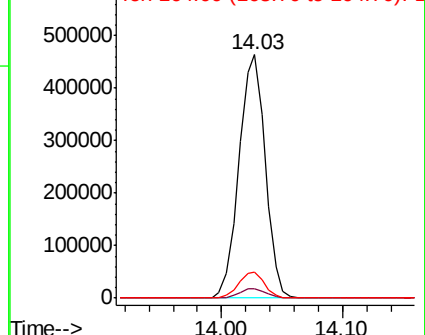
164 10.7 9.3 13.9

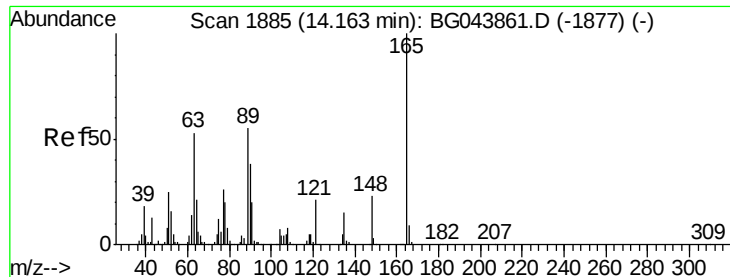


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.349 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

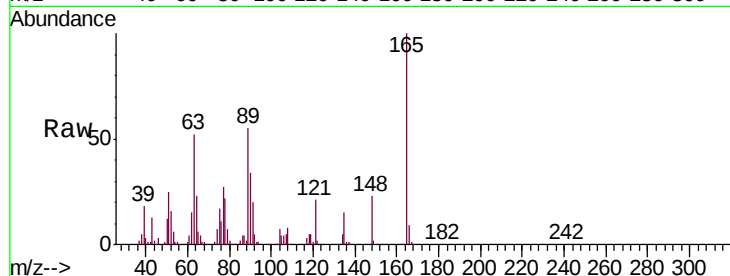
Tgt Ion:165 Resp: 159595

Ion Ratio Lower Upper

165 100

63 51.7 43.1 64.7

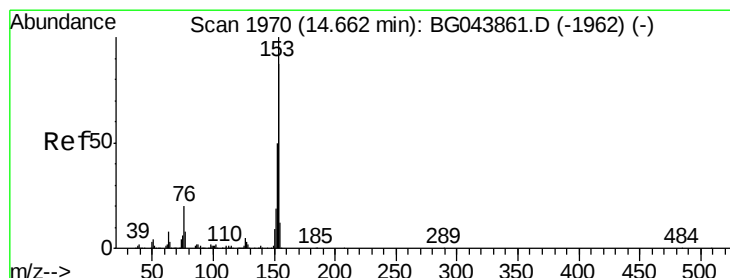
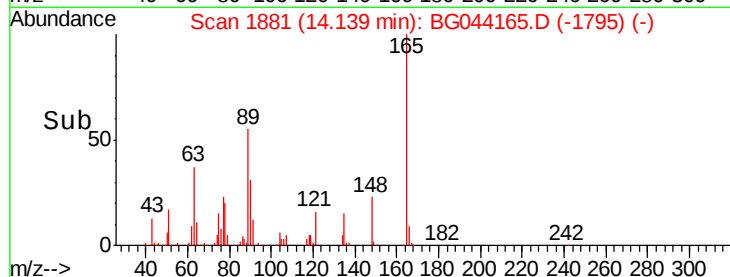
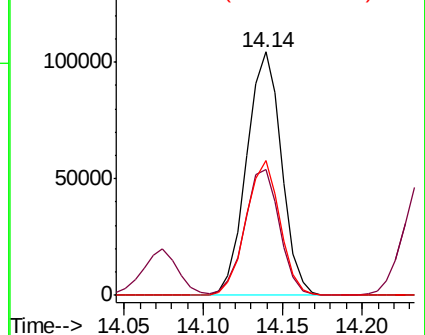
89 55.5 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.861 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

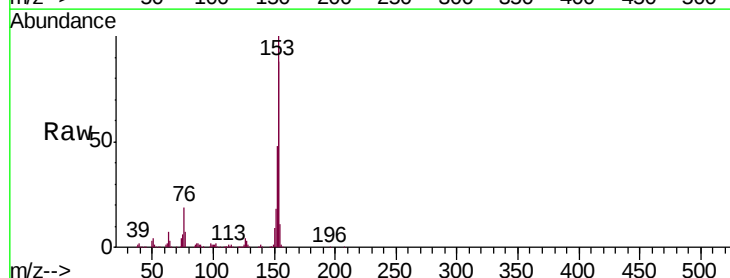
Tgt Ion:154 Resp: 546622

Ion Ratio Lower Upper

154 100

153 113.0 91.6 137.4

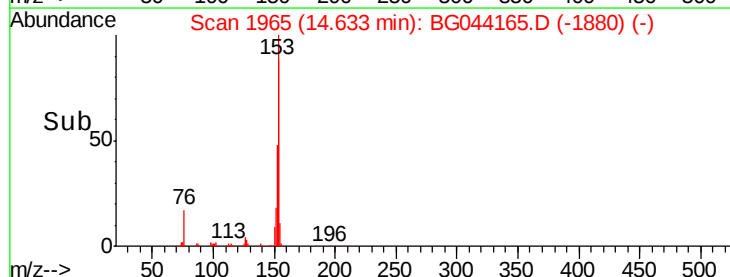
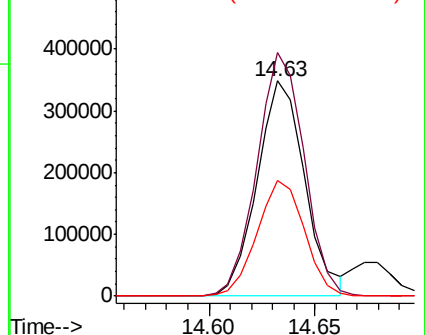
152 53.7 45.4 68.0

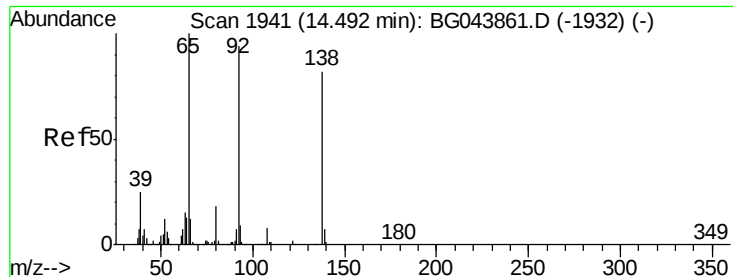


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.751 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

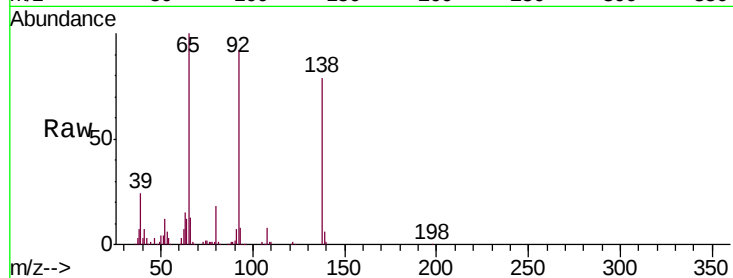
Tgt Ion:138 Resp: 118760

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

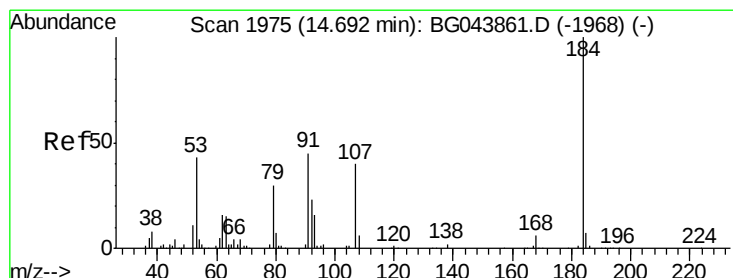
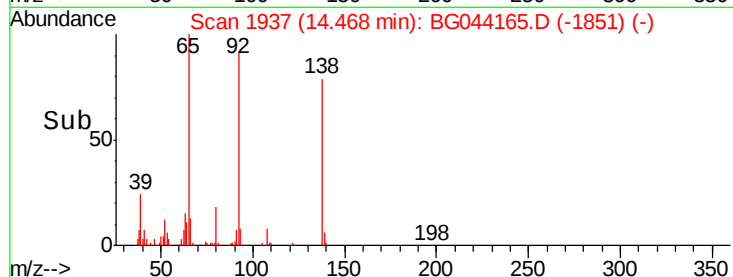
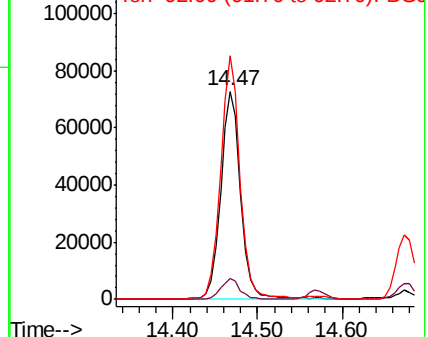
92 117.1 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 82.607 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

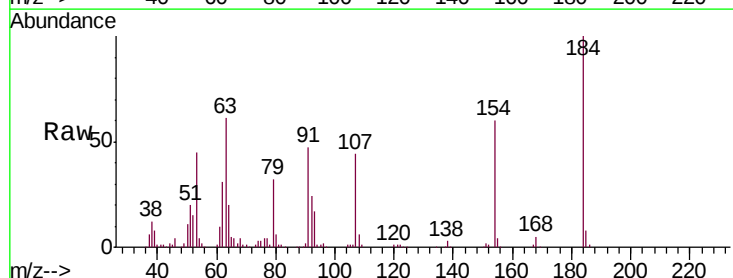
Tgt Ion:184 Resp: 158965

Ion Ratio Lower Upper

184 100

63 60.9 46.6 70.0

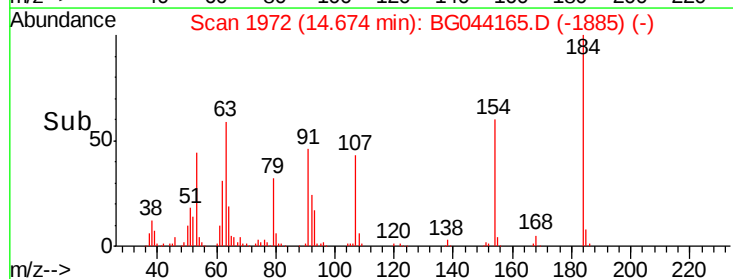
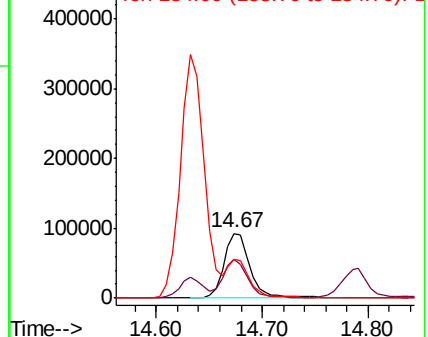
154 59.7 50.2 75.4

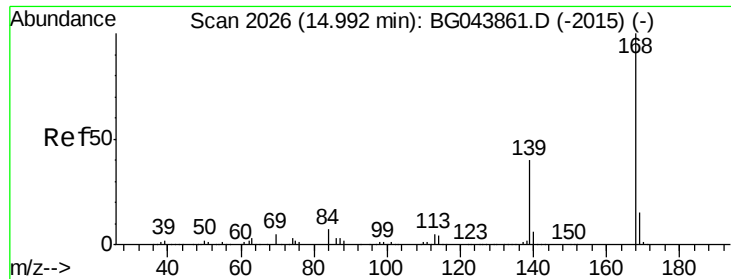


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

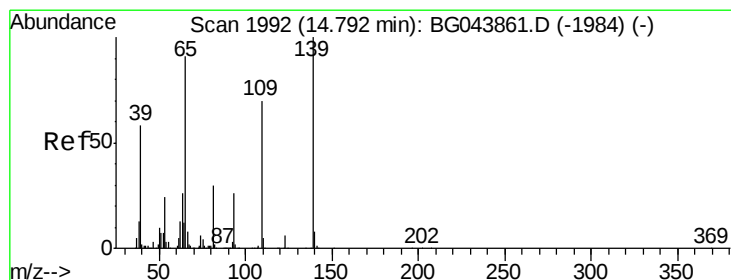
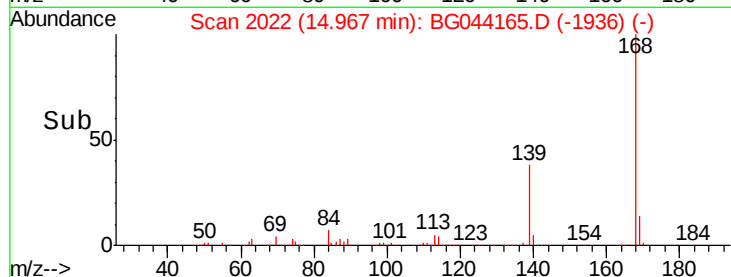
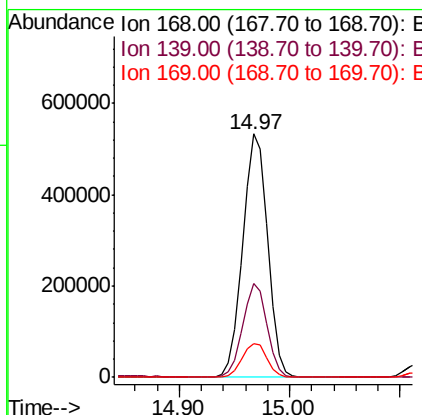
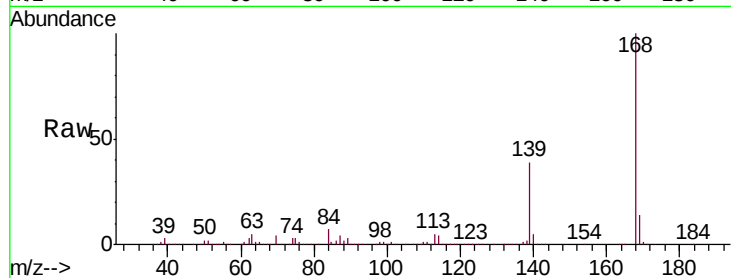




#55
Dibenzenofuran
Concen: 44.823 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

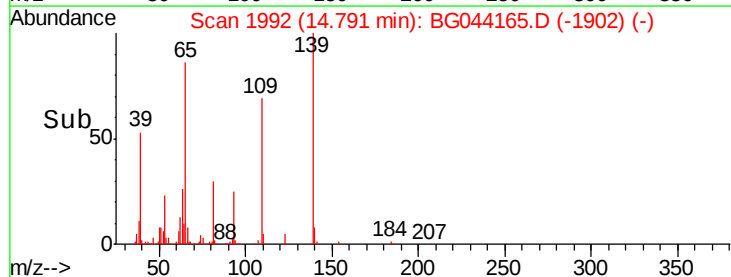
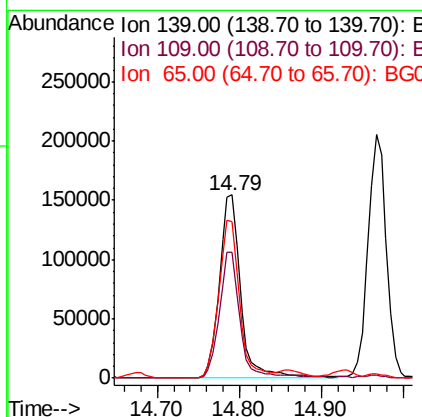
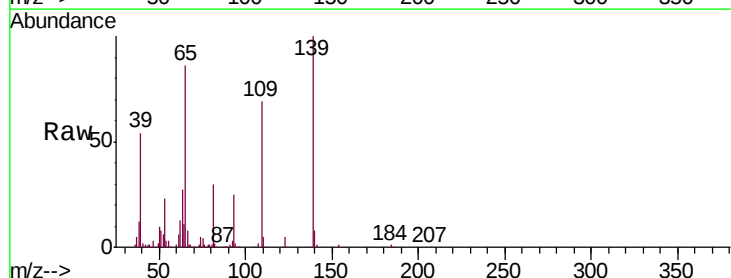
Instrument :
BNA_G
ClientSampleId :
PB126284BS

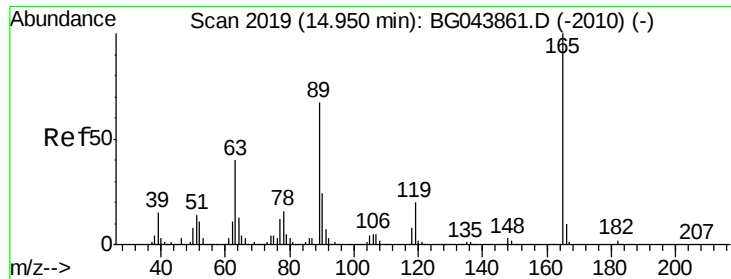
Tgt Ion:168 Resp: 846154
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 14.1 12.2 18.2



#56
4-Nitrophenol
Concen: 86.252 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:139 Resp: 282854
Ion Ratio Lower Upper
139 100
109 68.9 50.4 90.4
65 85.7 71.4 111.4

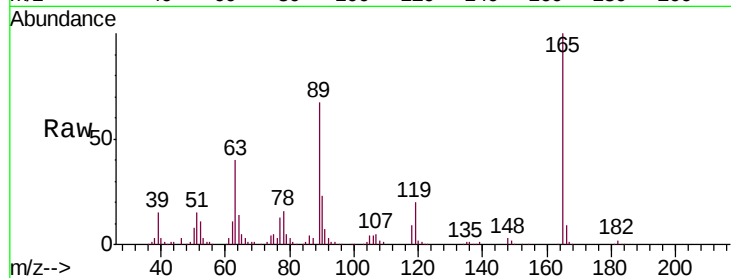




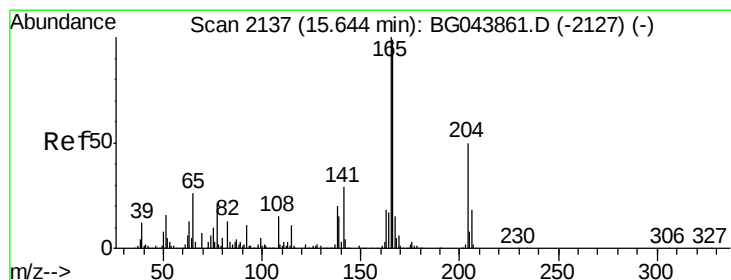
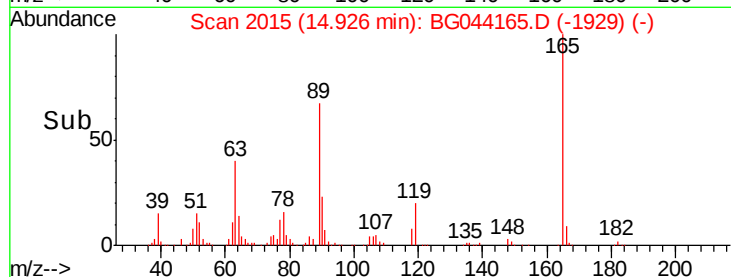
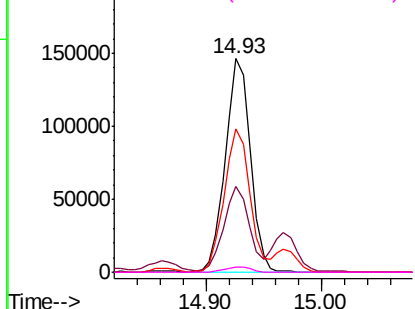
#57
2,4-Dinitrotoluene
Concen: 43.076 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion:	165	Resp:	220889
Ion	Ratio	Lower	Upper
165	100		
63	39.9	31.9	47.9
89	67.3	53.8	80.6
182	2.5	2.0	3.0

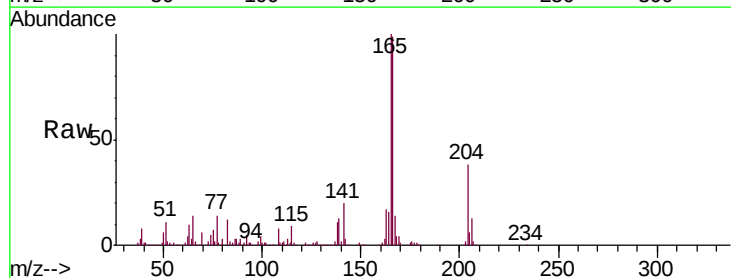


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

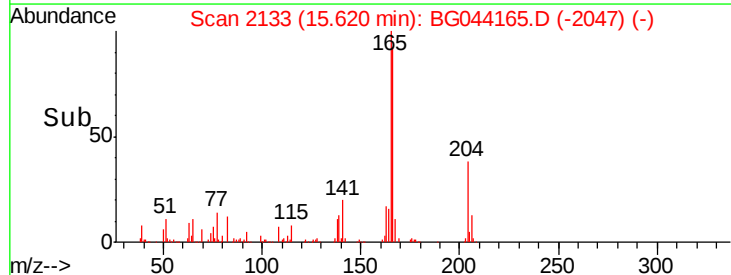
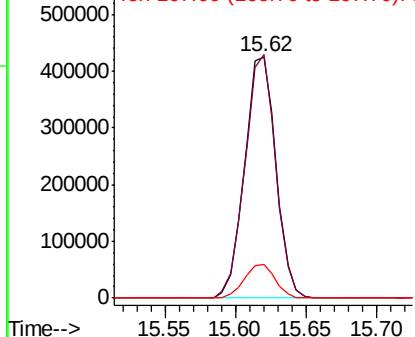


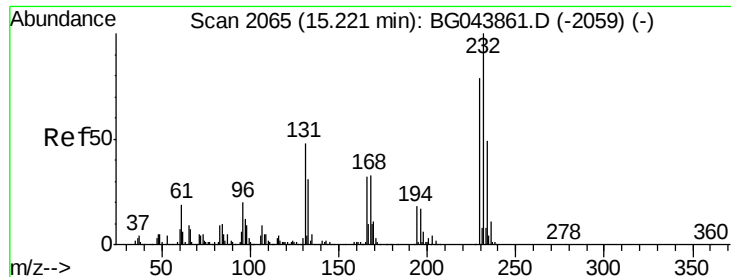
#58
Fluorene
Concen: 44.278 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:	166	Resp:	662505
Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.8	121.2
167	14.1	12.1	18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

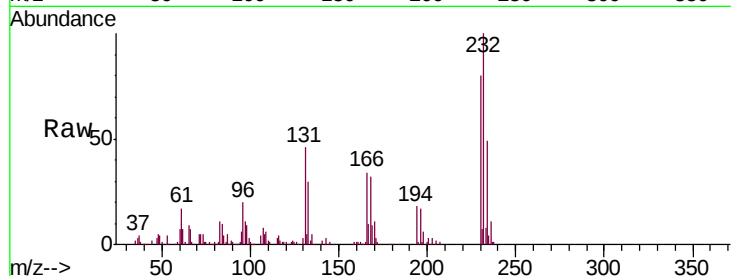




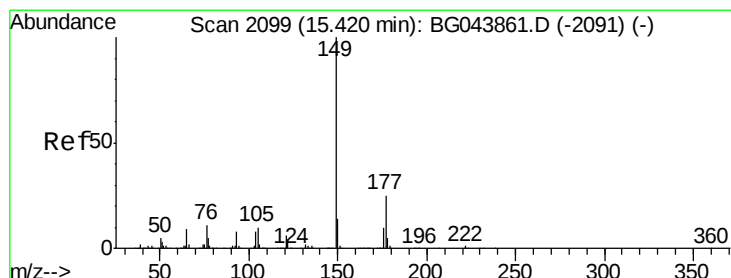
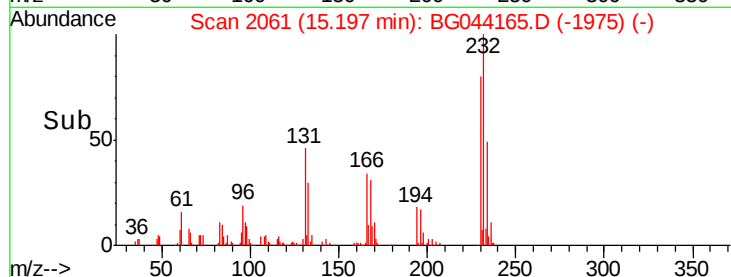
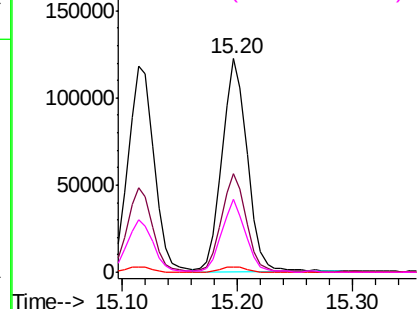
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.884 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tgt Ion:	232	Resp:	184315
Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.2	57.2
130	2.7	2.2	3.2
166	31.6	26.4	39.6

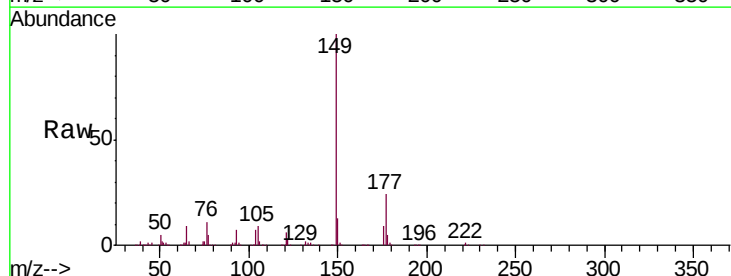


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

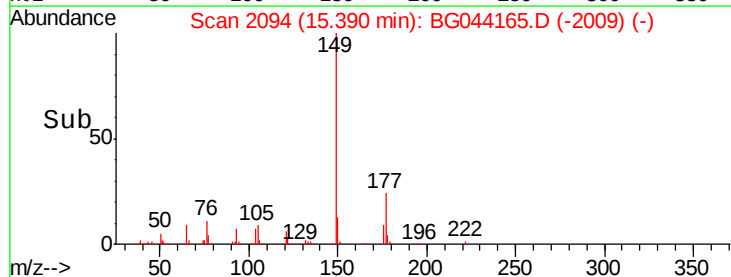
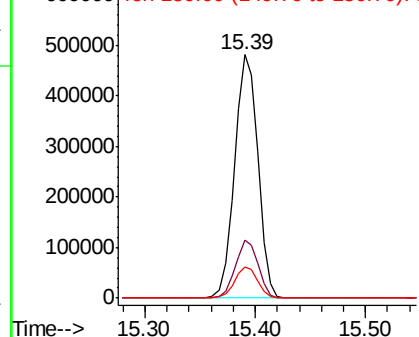


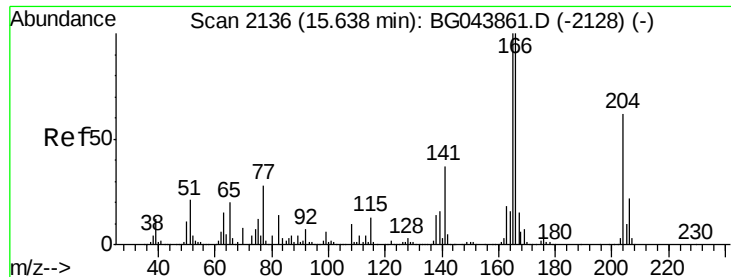
#60
 Diethylphthalate
 Concen: 42.662 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion:	149	Resp:	711453
Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.0	30.0
150	12.9	11.1	16.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

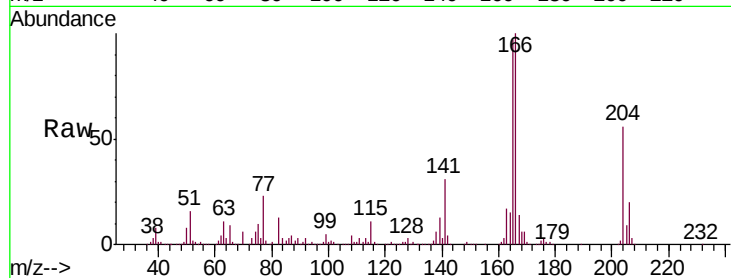




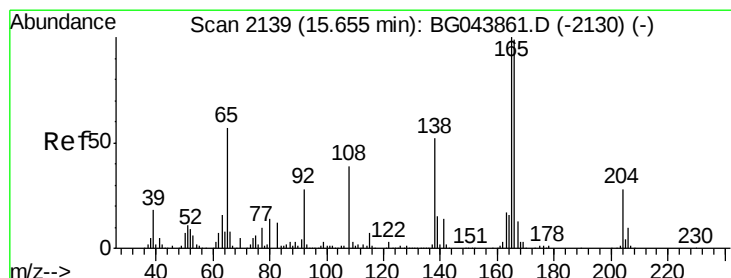
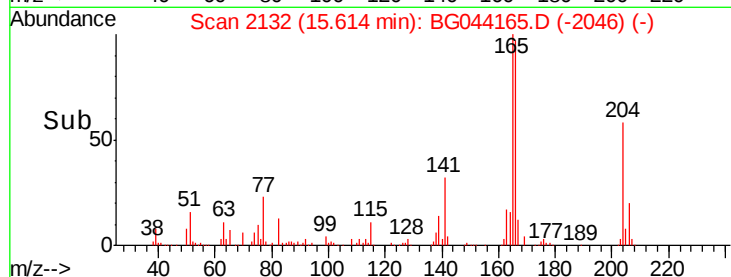
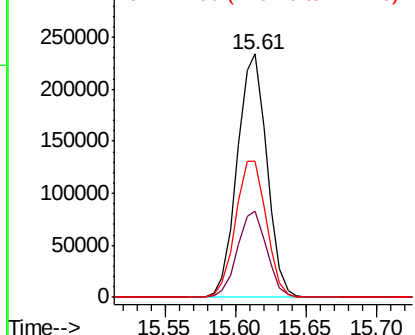
#61
4-Chlorophenyl-phenylether
Concen: 42.049 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion:204 Resp: 341627
Ion Ratio Lower Upper
204 100
206 35.4 28.2 42.2
141 55.9 48.2 72.2

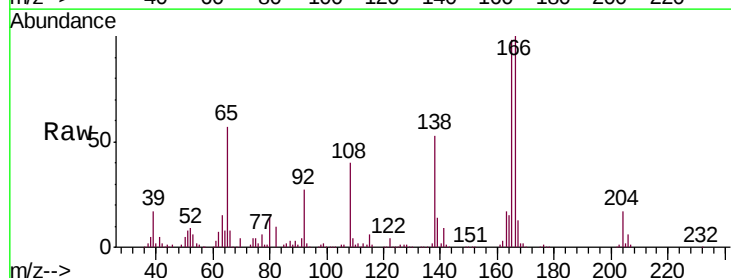


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

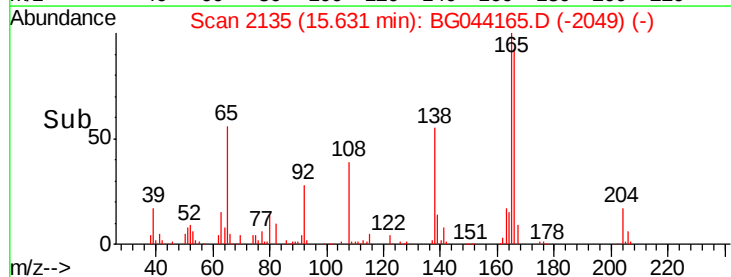
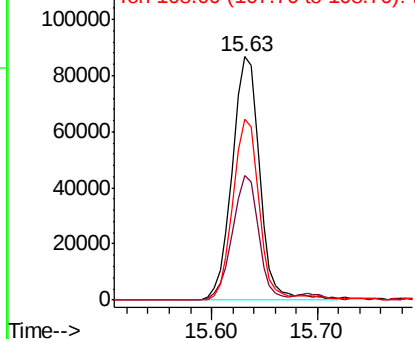


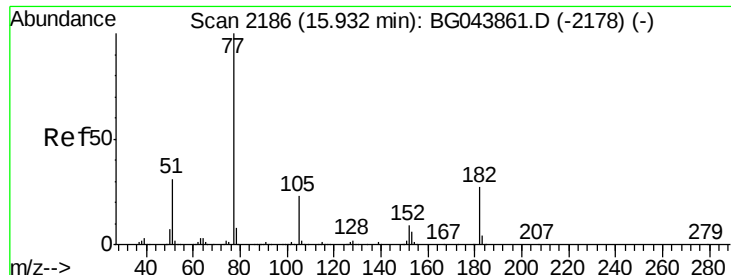
#62
4-Nitroaniline
Concen: 37.038 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:138 Resp: 156524
Ion Ratio Lower Upper
138 100
92 51.0 34.3 74.3
108 74.5 55.0 95.0



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





#63

Azobenzene

Concen: 43.319 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

Tgt Ion: 77 Resp: 669957

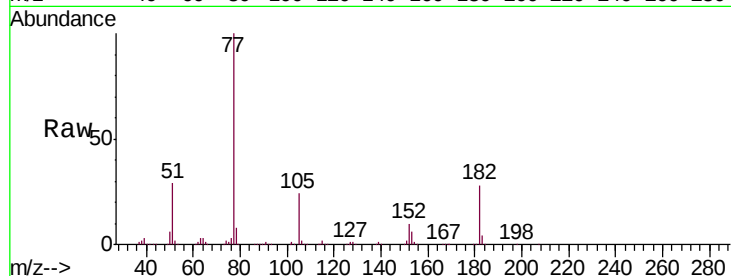
Ion Ratio Lower Upper

77 100

182 28.2 7.3 47.3

105 23.6 3.2 43.2

51 28.7 10.6 50.6

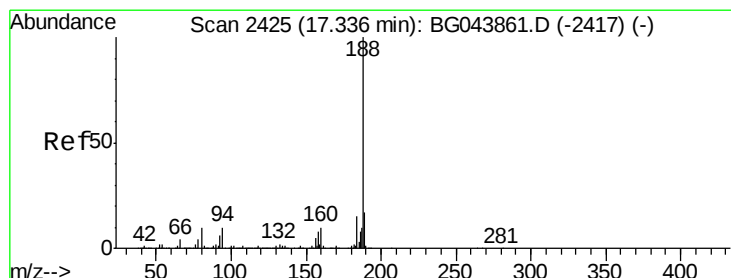
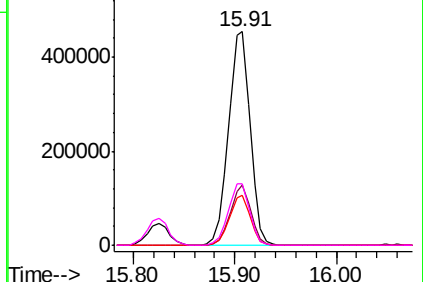
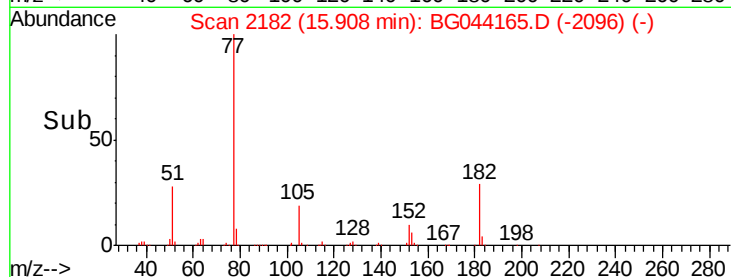


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

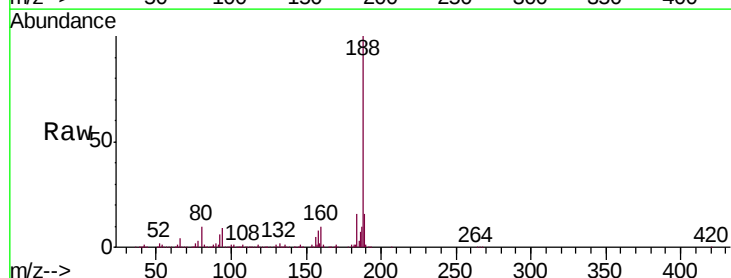
Tgt Ion: 188 Resp: 486651

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

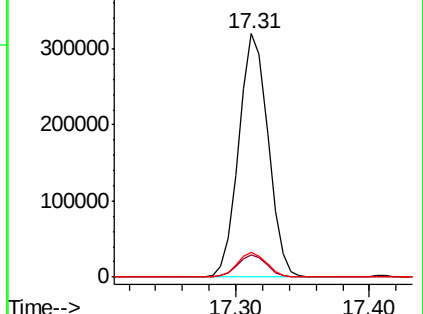
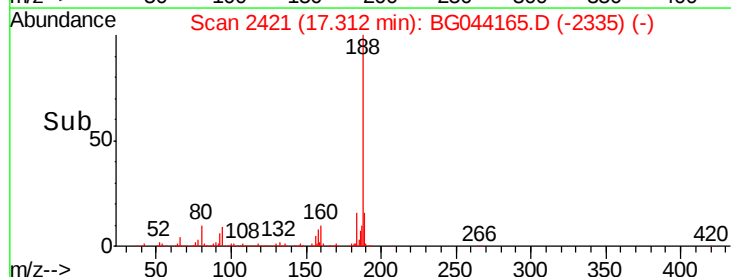
80 10.1 8.2 12.4

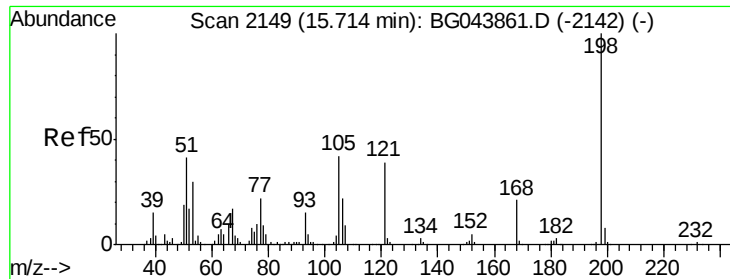


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

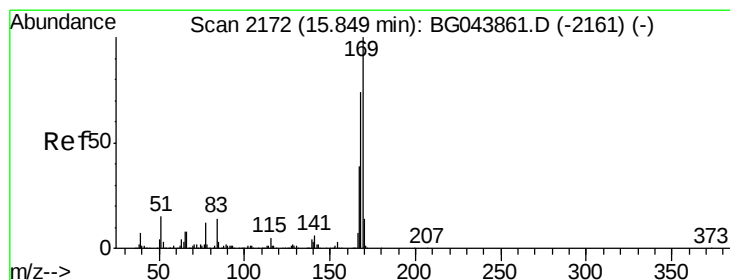
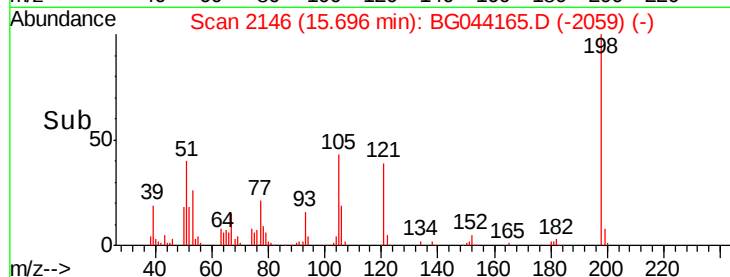
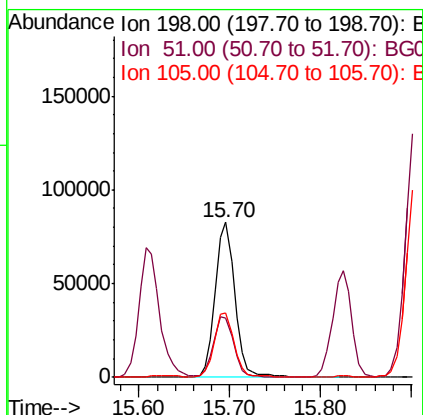
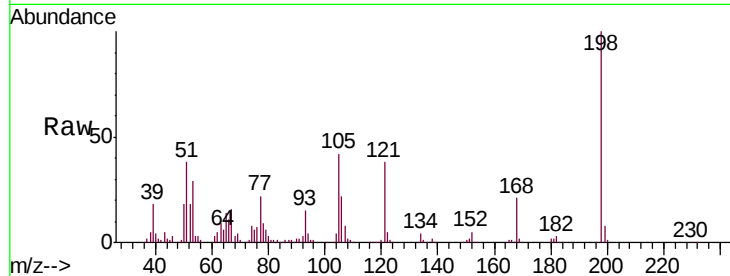




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.653 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

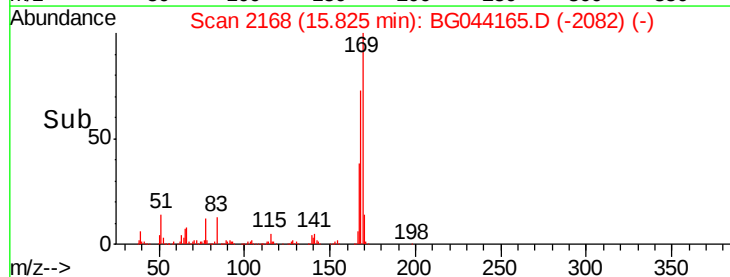
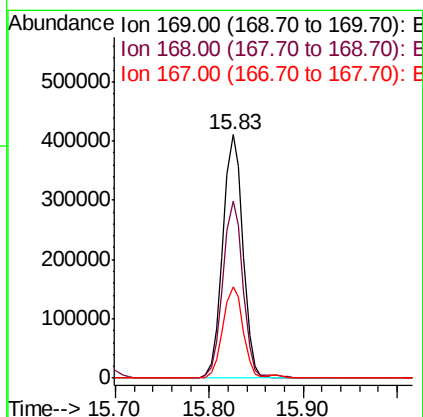
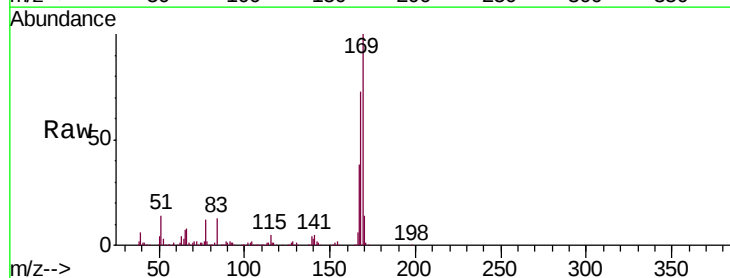
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

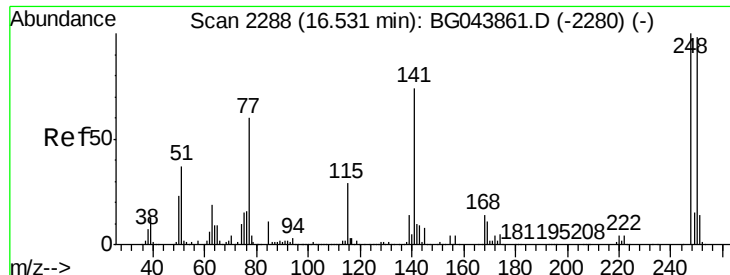
Tgt Ion:198 Resp: 124916
 Ion Ratio Lower Upper
 198 100
 51 38.2 22.5 62.5
 105 41.6 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.797 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion:169 Resp: 613335
 Ion Ratio Lower Upper
 169 100
 168 72.5 59.0 88.6
 167 37.7 31.4 47.0

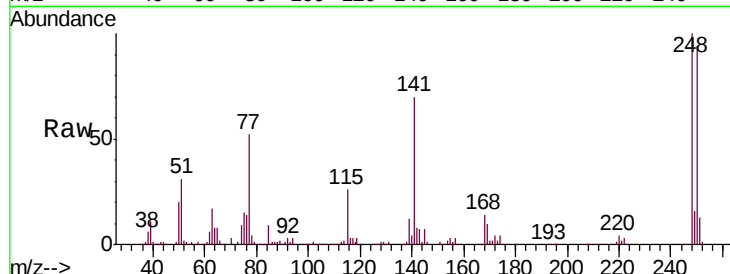




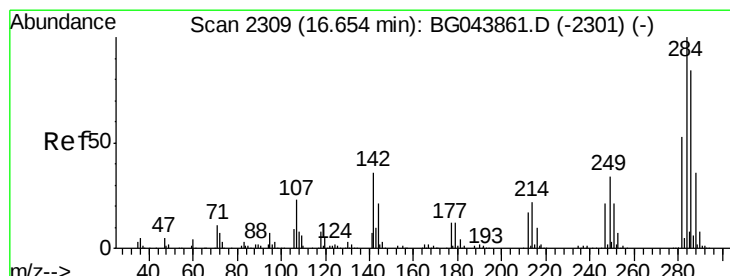
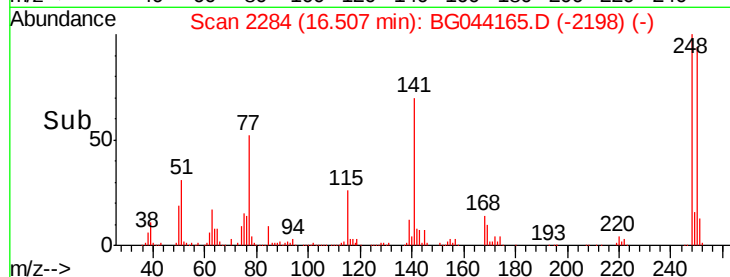
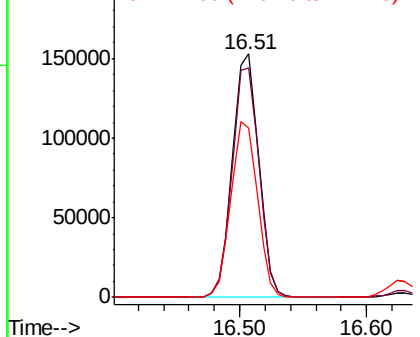
#67
 4-Bromophenyl-phenylether
 Concen: 40.062 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tgt Ion:248 Resp: 219271
 Ion Ratio Lower Upper
 248 100
 250 94.3 78.2 117.2
 141 69.7 59.3 88.9

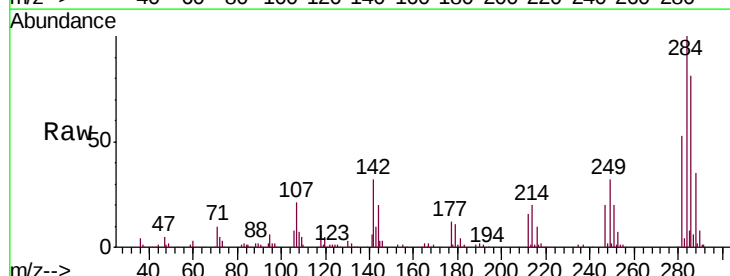


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

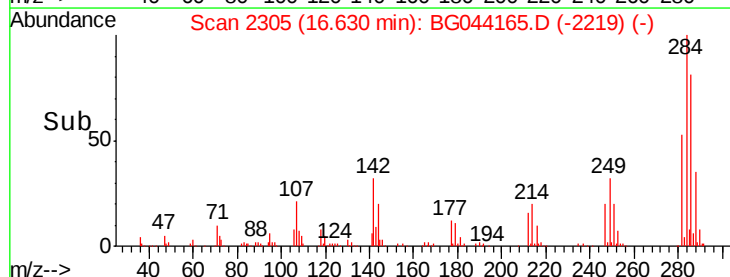
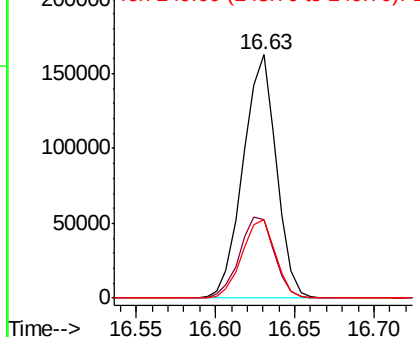


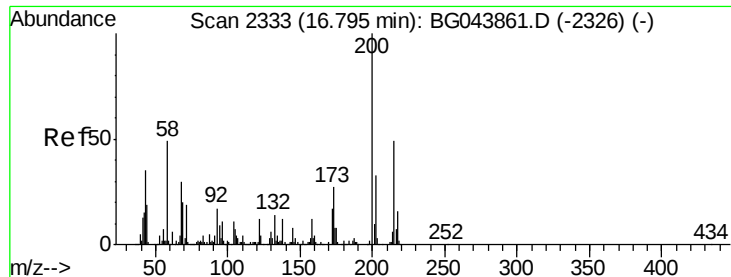
#68
 Hexachlorobenzene
 Concen: 40.190 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion:284 Resp: 237026
 Ion Ratio Lower Upper
 284 100
 142 32.4 28.6 43.0
 249 32.4 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: 46.929 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

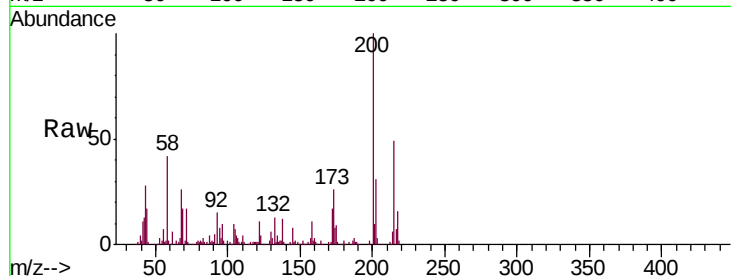
Tgt Ion:200 Resp: 218616

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

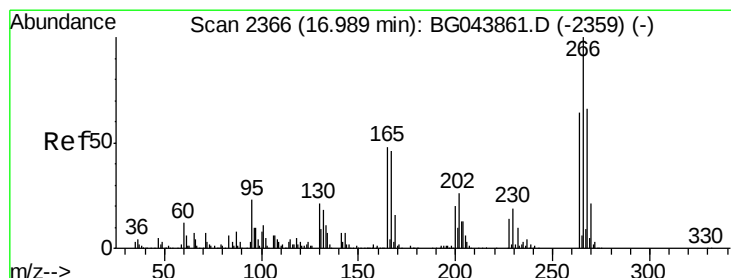
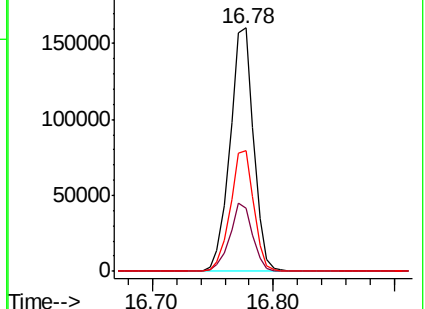
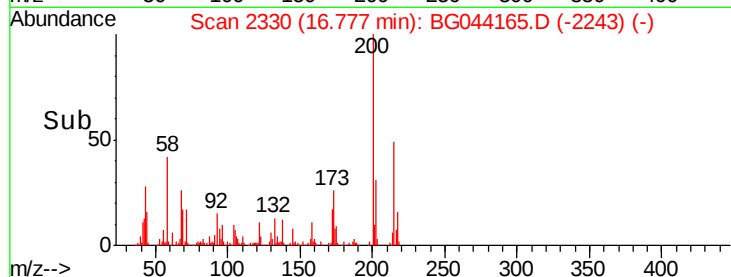
215 49.3 28.6 68.6



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: 77.022 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

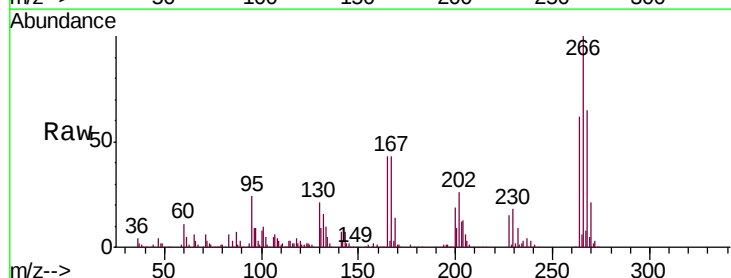
Tgt Ion:266 Resp: 250407

Ion Ratio Lower Upper

266 100

268 65.3 52.6 79.0

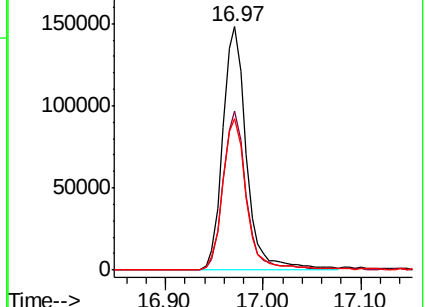
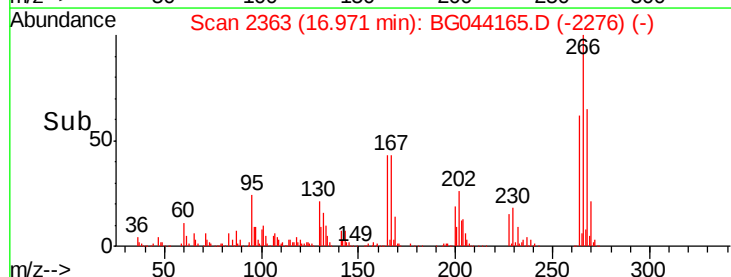
264 62.3 50.8 76.2

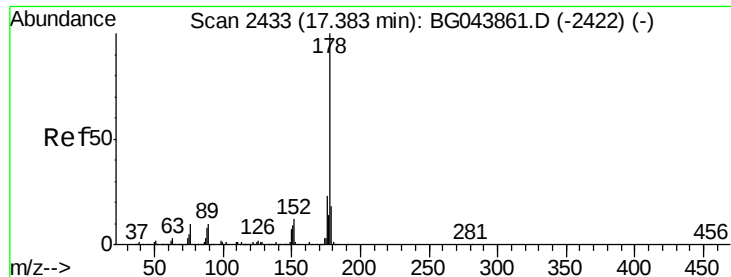


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

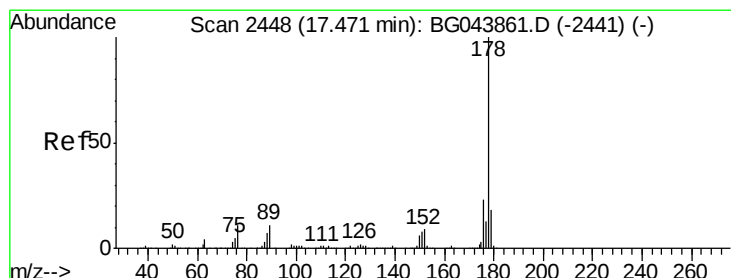
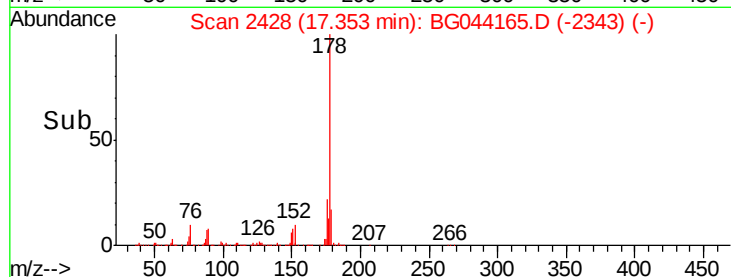
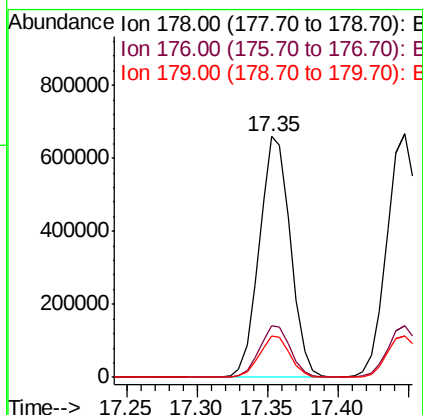
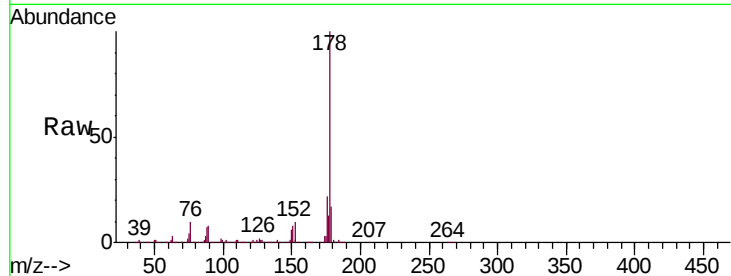




#71
Phenanthrene
Concen: 43.816 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

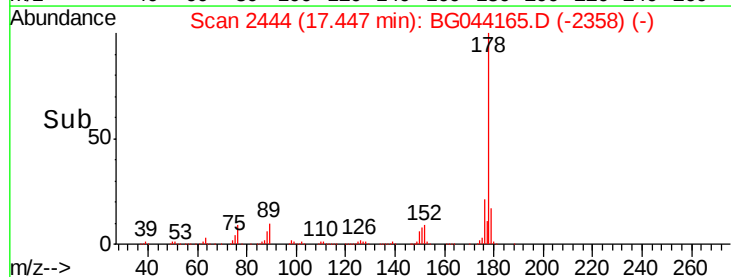
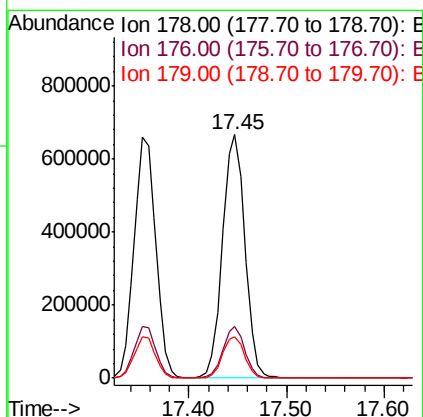
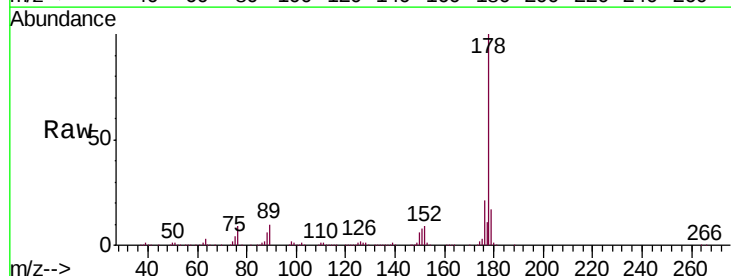
Instrument :
BNA_G
ClientSampleId :
PB126284BS

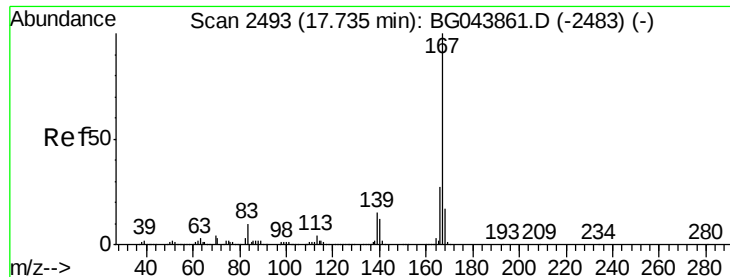
Tgt Ion:178 Resp: 1022757
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 17.4 14.4 21.6



#72
Anthracene
Concen: 45.871 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:178 Resp: 1058180
Ion Ratio Lower Upper
178 100
176 21.2 18.3 27.5
179 17.2 14.6 22.0

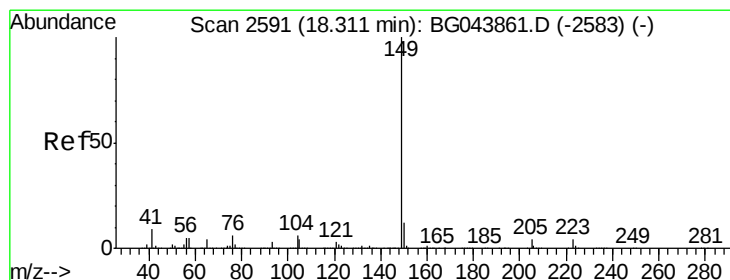
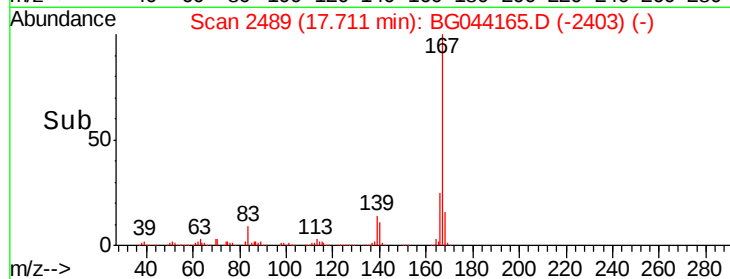
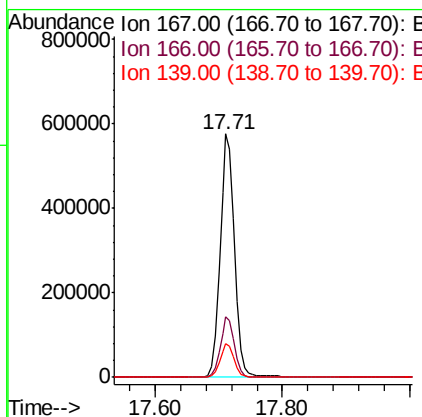
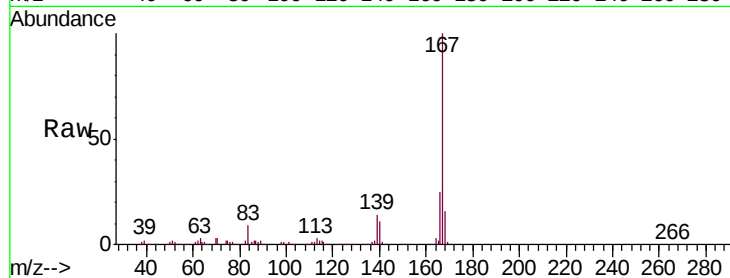




#73
 Carbazole
 Concen: 43.628 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

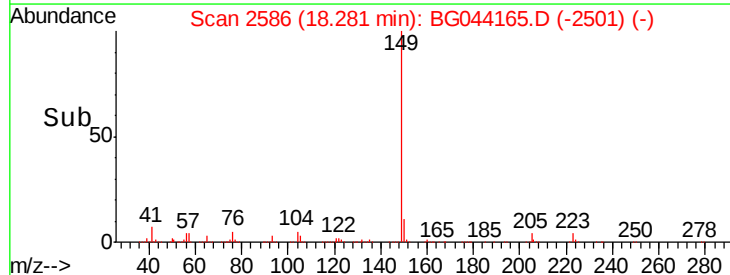
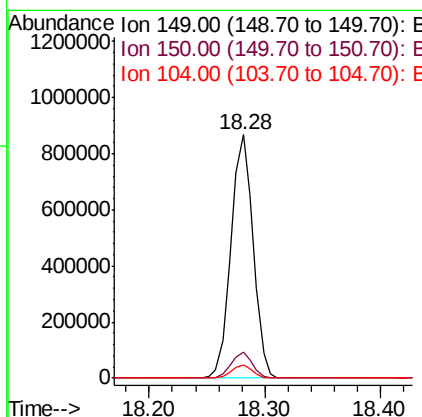
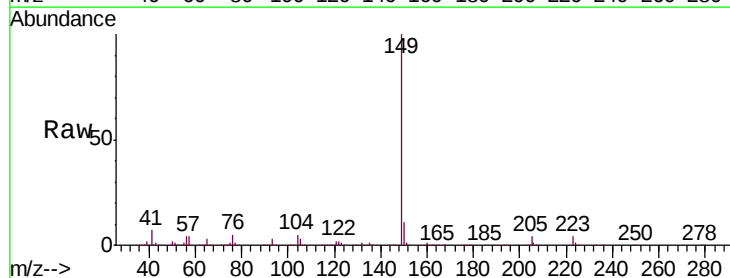
Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

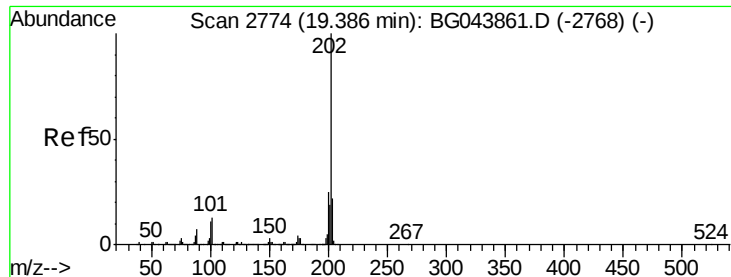
Tgt Ion:167 Resp: 929662
 Ion Ratio Lower Upper
 167 100
 166 24.7 21.6 32.4
 139 14.0 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 42.202 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion:149 Resp: 1148159
 Ion Ratio Lower Upper
 149 100
 150 10.6 9.7 14.5
 104 5.3 5.0 7.4





#75

Fluoranthene

Concen: 43.364 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

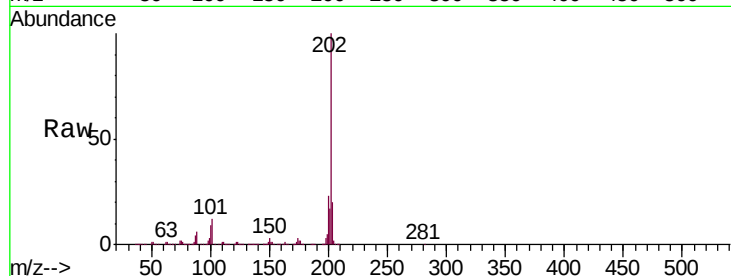
Tgt Ion:202 Resp: 1157610

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

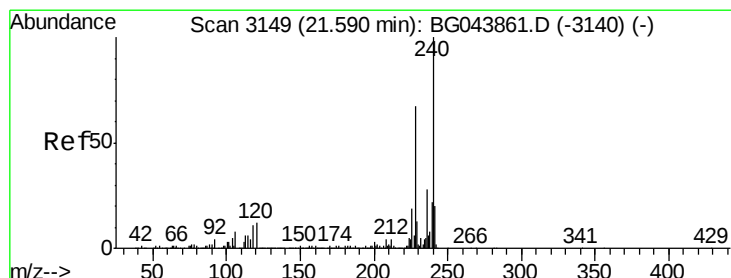
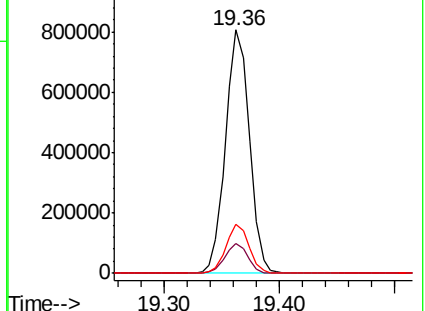
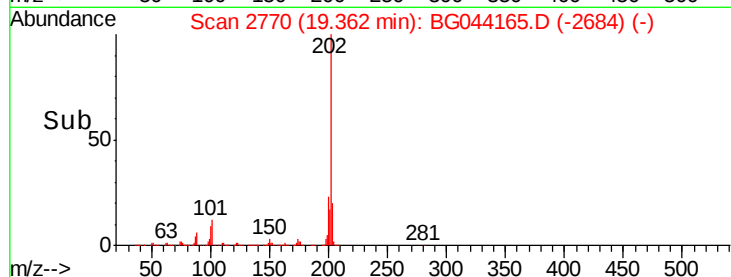
203 20.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

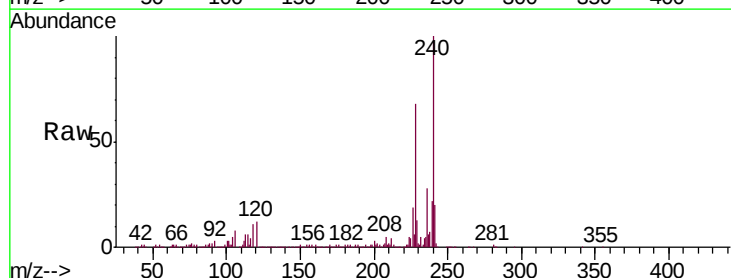
Tgt Ion:240 Resp: 407925

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

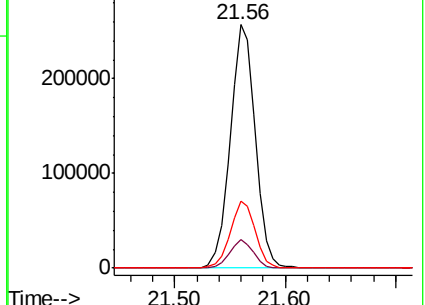
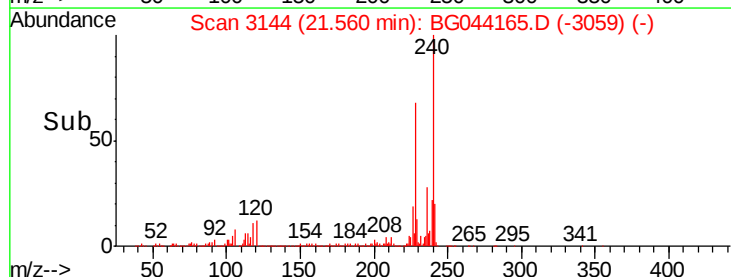
236 27.7 22.2 33.2

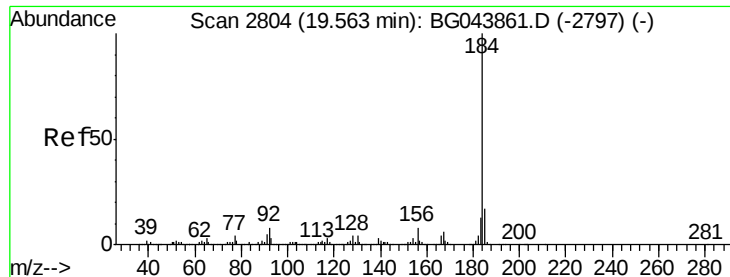


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.306 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

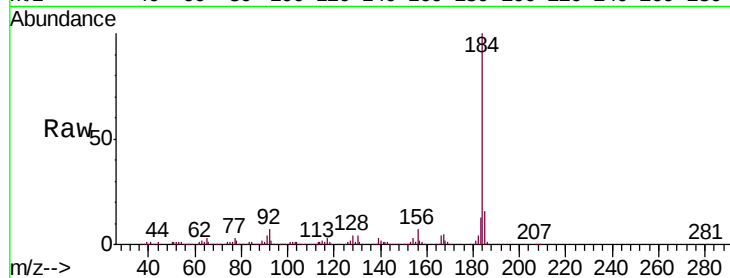
Tgt Ion:184 Resp: 495307

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

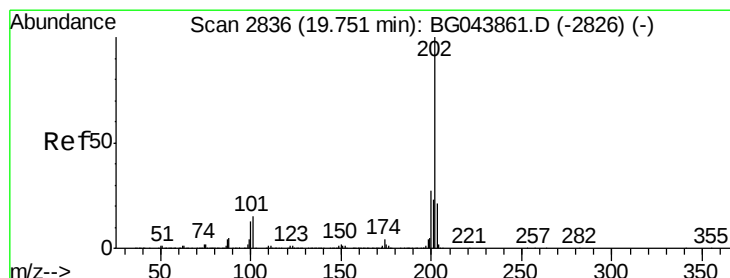
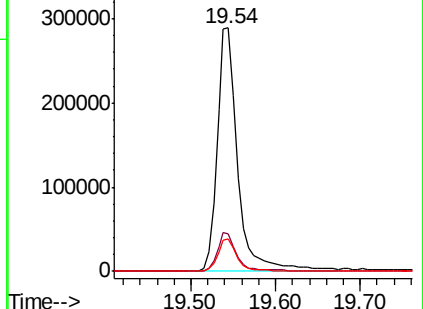
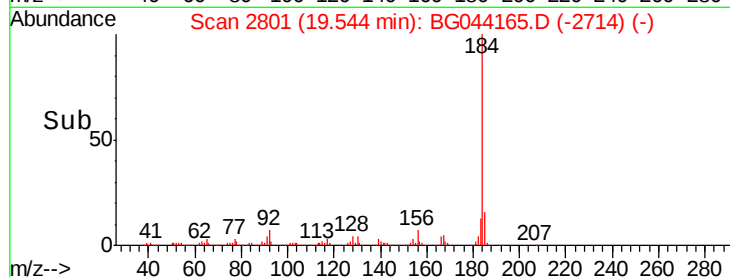
183 13.1 10.6 15.8



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: 43.832 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

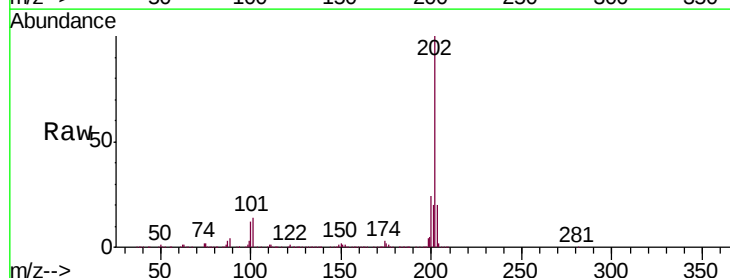
Tgt Ion:202 Resp: 1167111

Ion Ratio Lower Upper

202 100

200 24.3 21.7 32.5

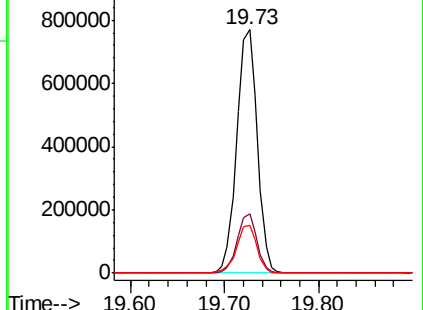
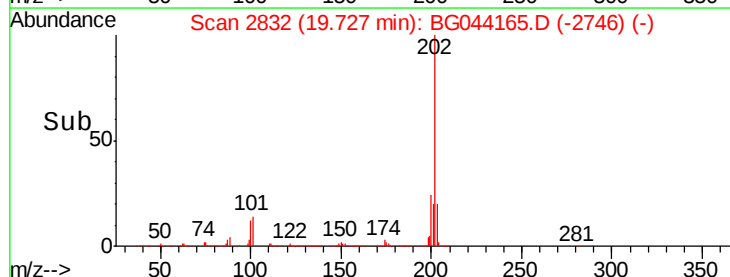
203 19.5 17.0 25.6

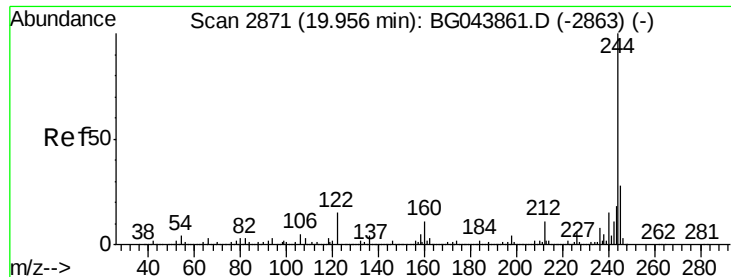


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.337 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

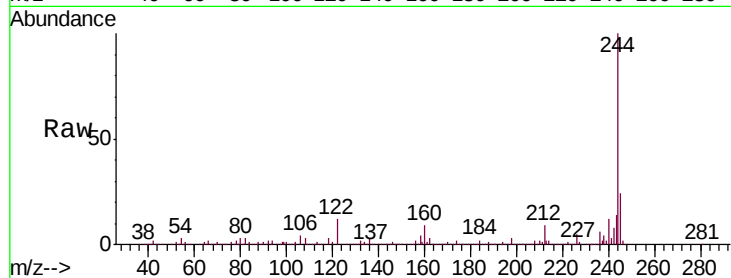
Tgt Ion:244 Resp: 1467008

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

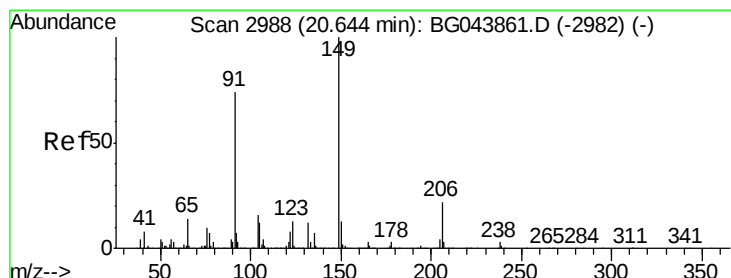
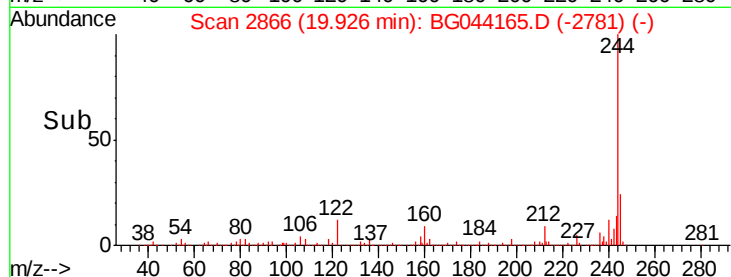
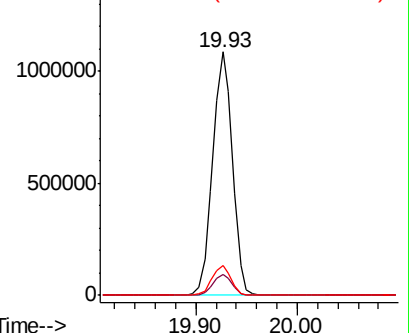
122 12.2 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.512 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

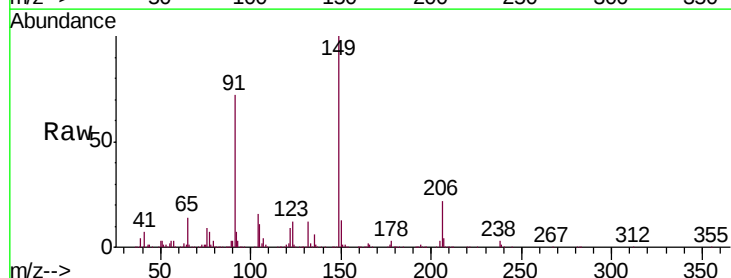
Tgt Ion:149 Resp: 526244

Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

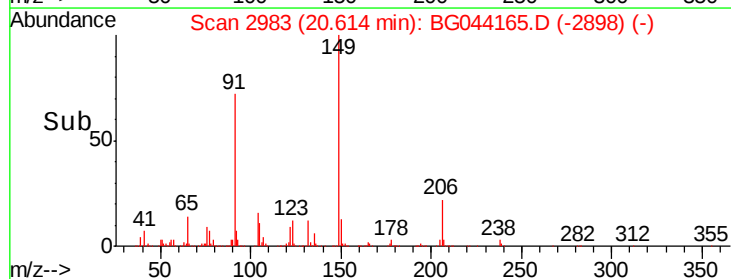
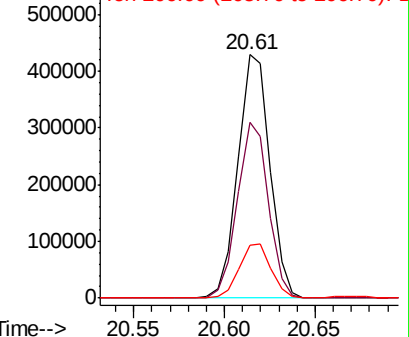
206 21.6 17.8 26.6

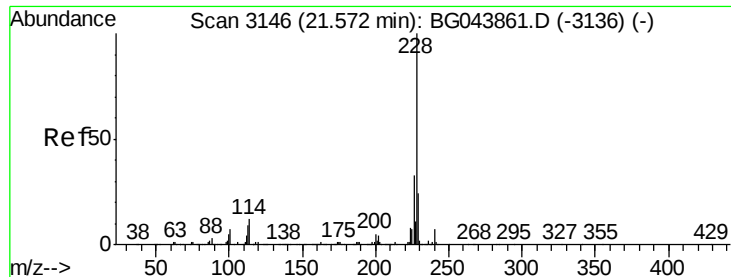


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

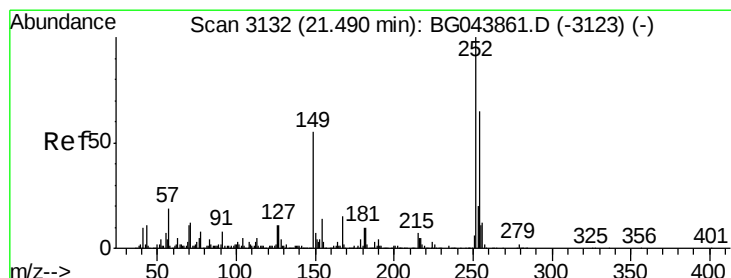
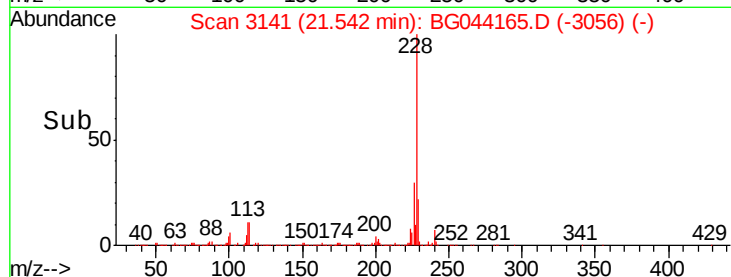
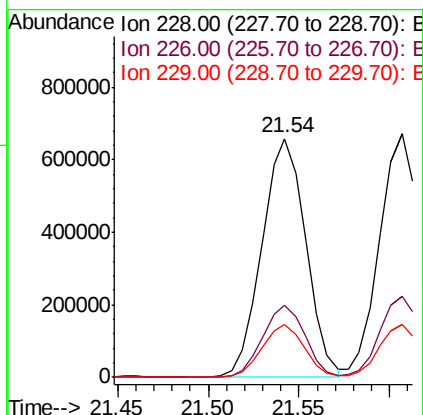
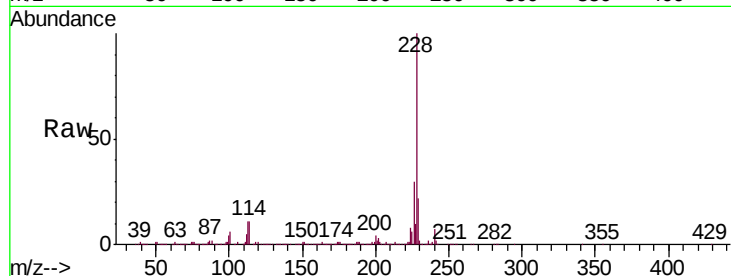




#81
Benzo(a)anthracene
Concen: 43.688 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

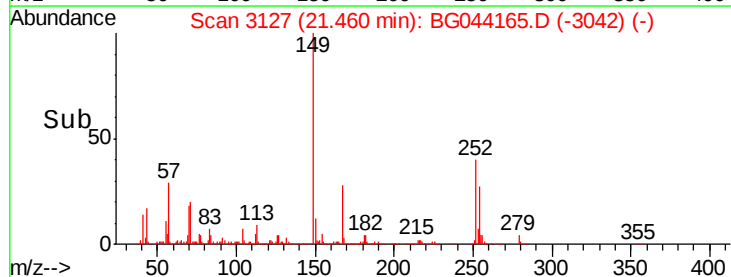
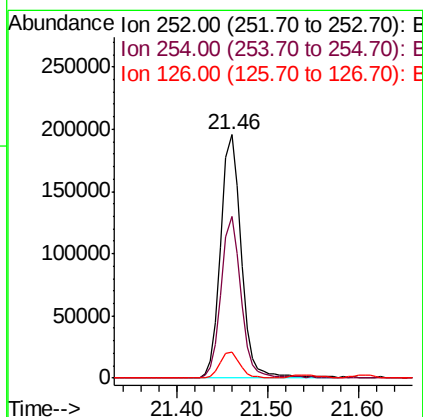
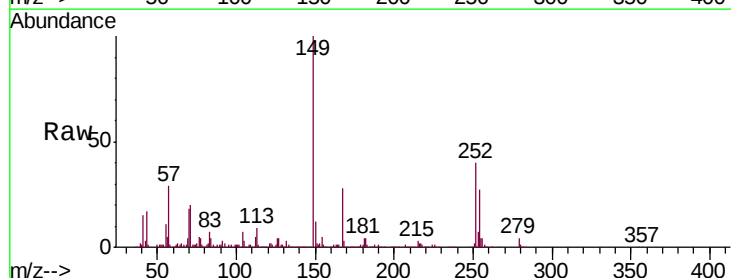
Instrument :
BNA_G
ClientSampleId :
PB126284BS

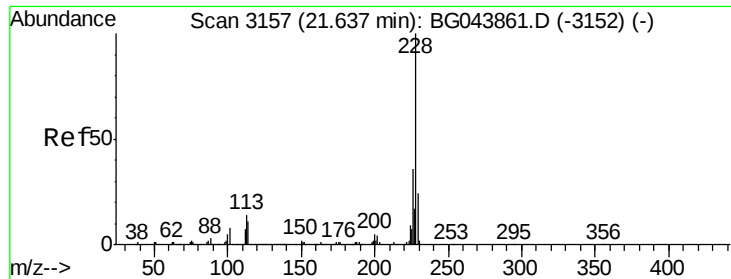
Tgt Ion:228 Resp: 1105048
Ion Ratio Lower Upper
228 100
226 30.3 26.2 39.4
229 21.9 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 30.963 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:252 Resp: 309414
Ion Ratio Lower Upper
252 100
254 66.6 52.1 78.1
126 10.4 9.1 13.7





#83

Chrysene

Concen: 43.883 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

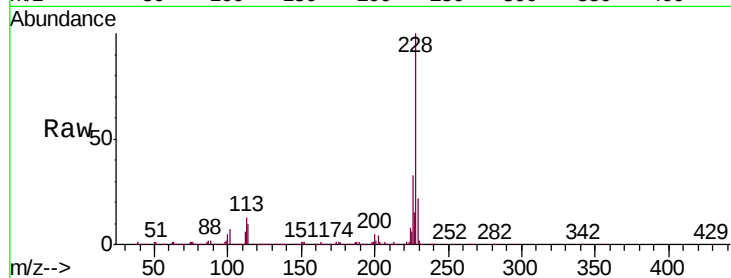
Tgt Ion:228 Resp: 1054706

Ion Ratio Lower Upper

228 100

226 33.1 28.8 43.2

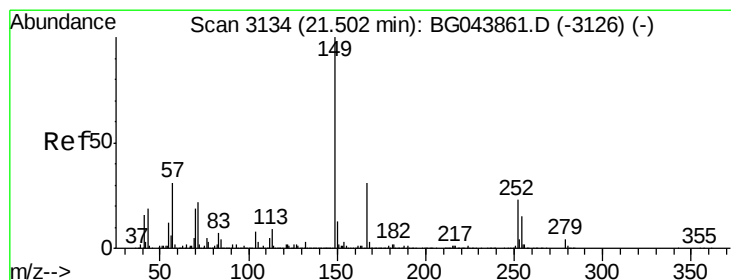
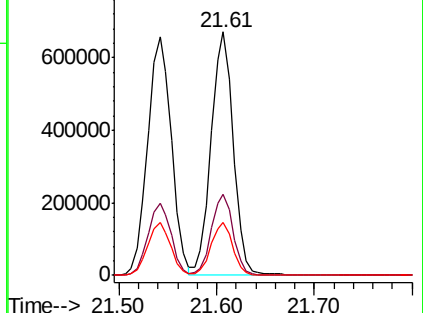
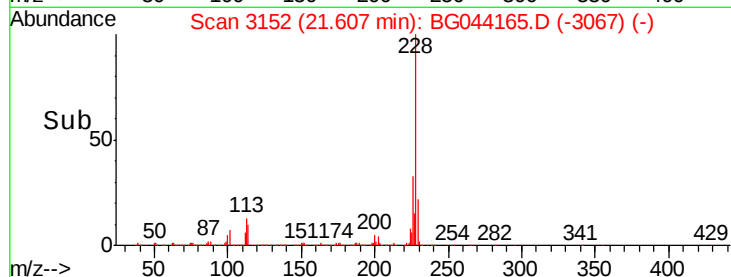
229 21.9 19.0 28.6



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: 42.666 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

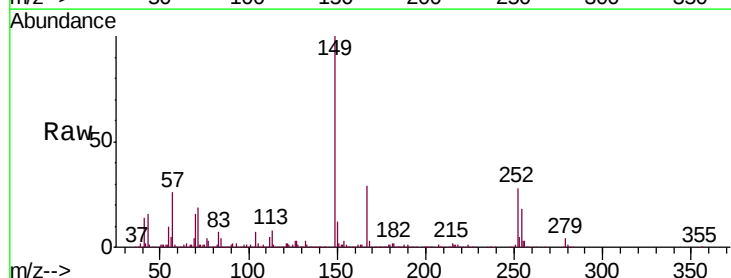
Tgt Ion:149 Resp: 746295

Ion Ratio Lower Upper

149 100

167 29.4 24.7 37.1

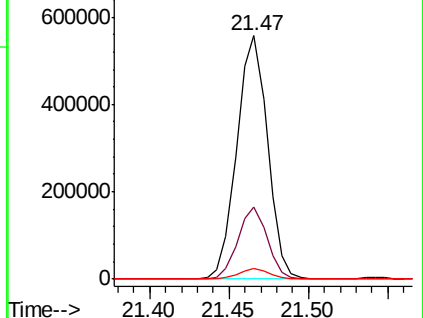
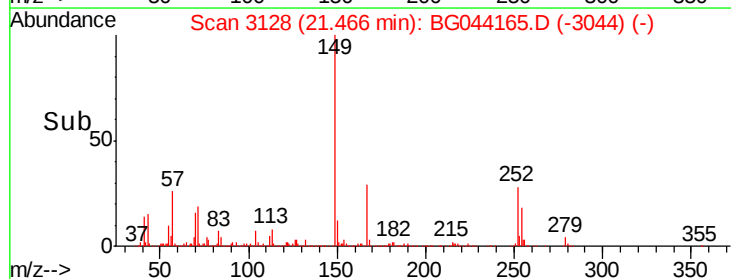
279 4.4 3.3 4.9

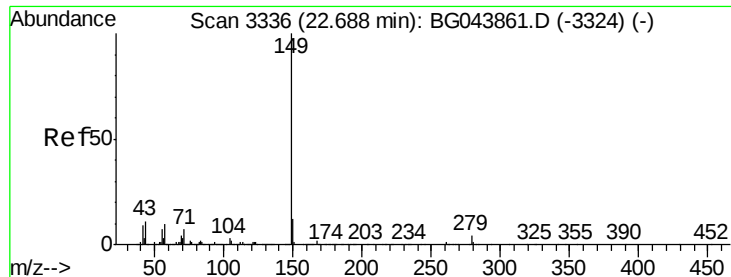


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.447 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

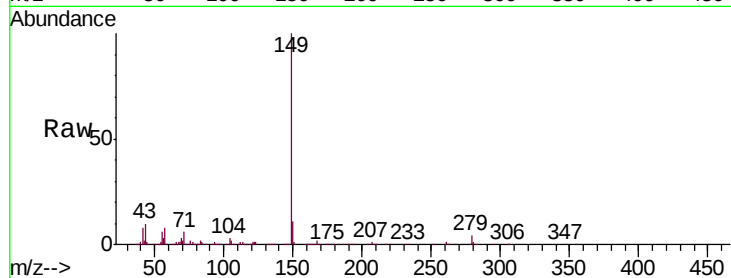
Tgt Ion:149 Resp: 1307006

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

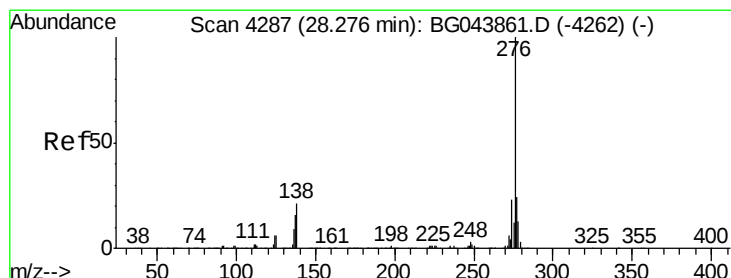
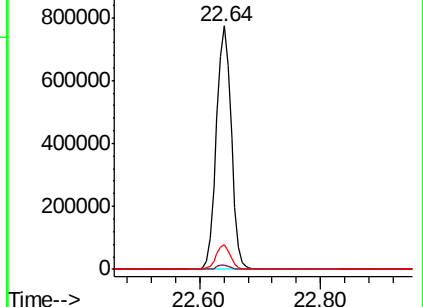
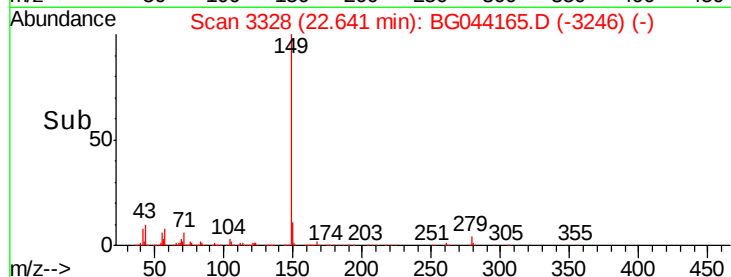
43 9.6 8.8 13.2



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: 41.587 ng

RT: 28.19 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

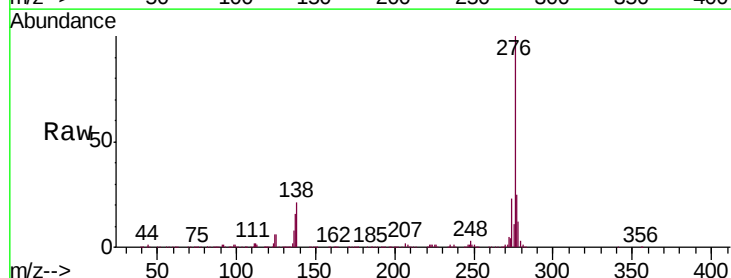
Tgt Ion:276 Resp: 1358340

Ion Ratio Lower Upper

276 100

138 25.6 21.0 31.4

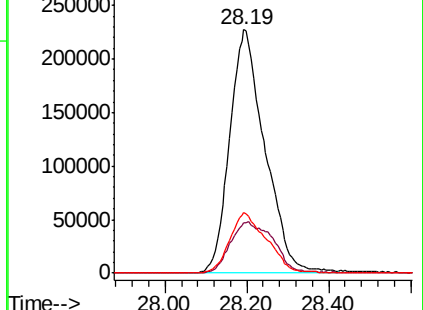
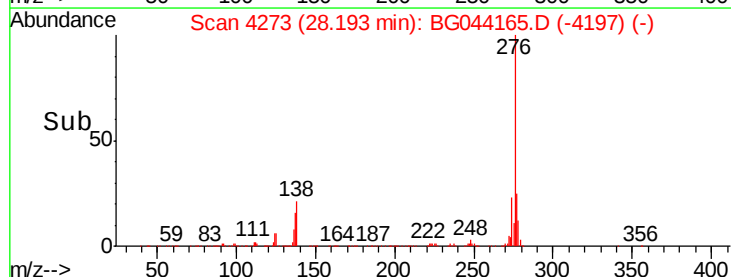
277 26.0 21.1 31.7

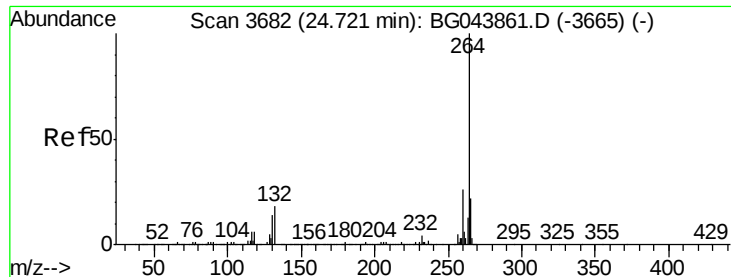


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



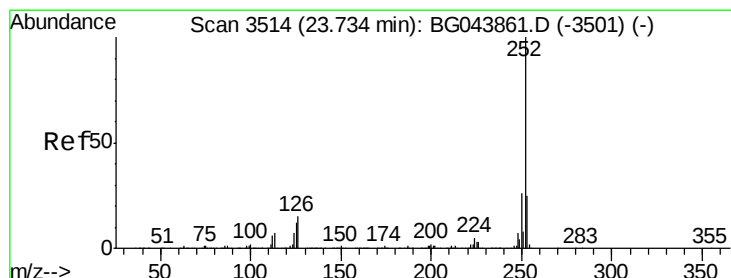
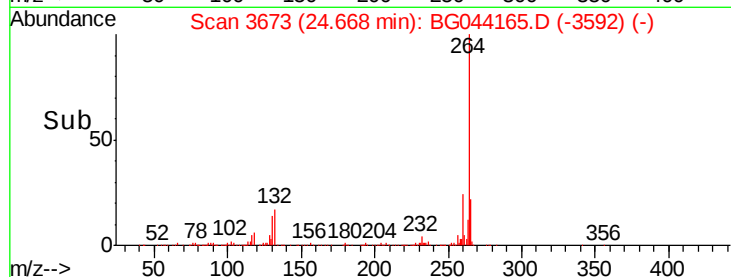
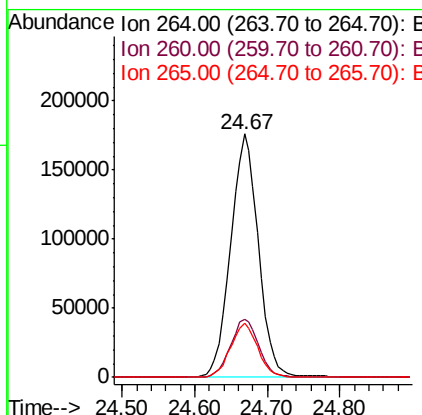
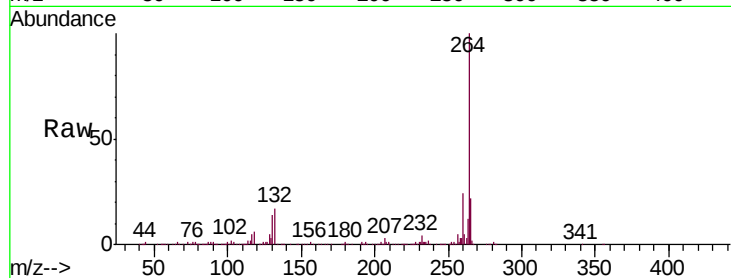


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tgt Ion: 264 Resp: 468424

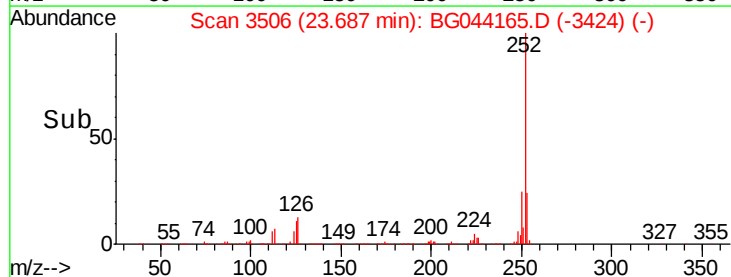
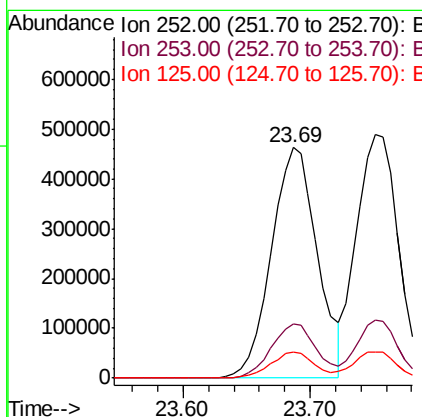
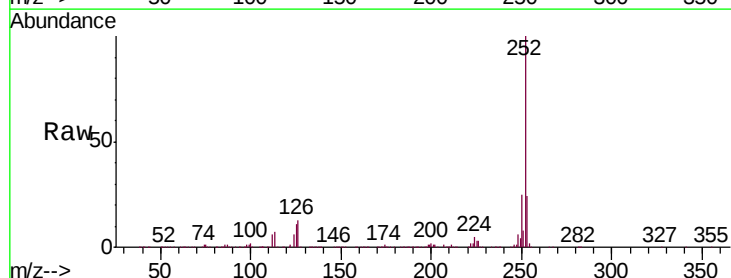
Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	22.2	17.4	26.2

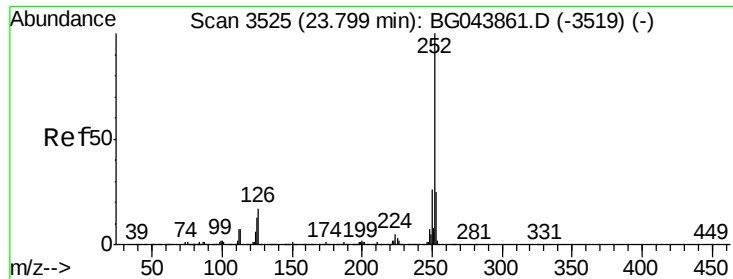


#88
Benzo(b)fluoranthene
Concen: 42.104 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion: 252 Resp: 1165955

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.2	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 42.770 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

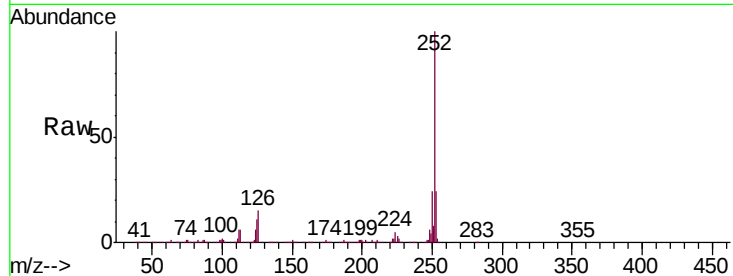
Tgt Ion:252 Resp: 1126280

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

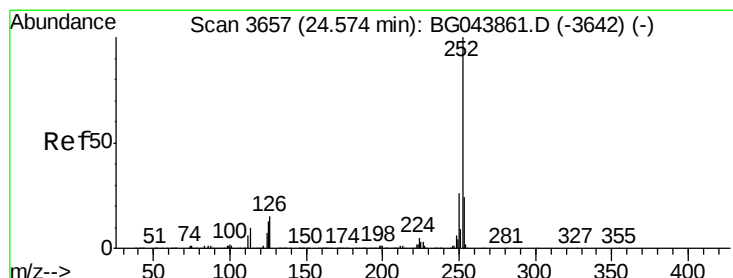
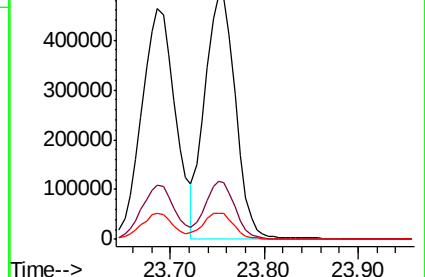
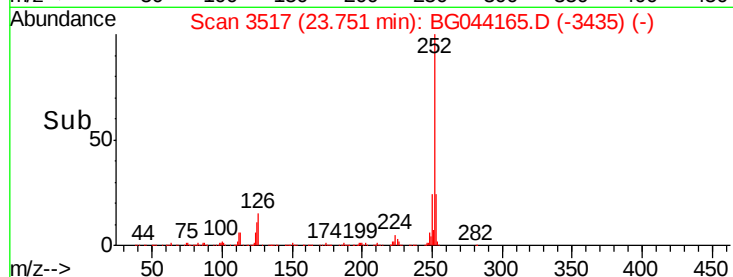
125 10.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.257 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

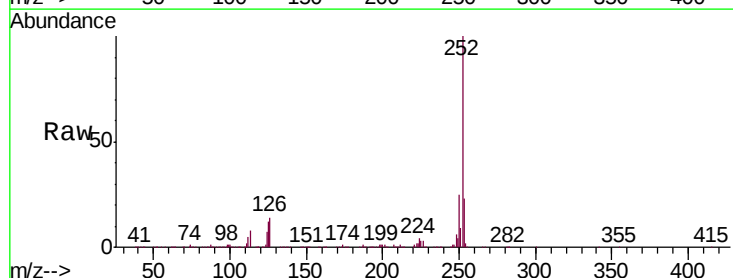
Tgt Ion:252 Resp: 1078303

Ion Ratio Lower Upper

252 100

253 22.5 19.3 28.9

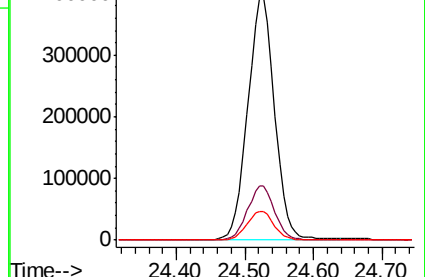
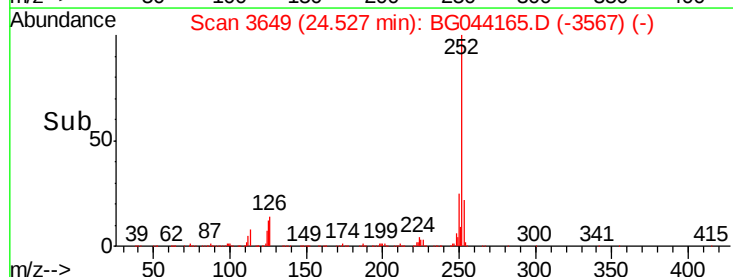
125 11.7 10.4 15.6

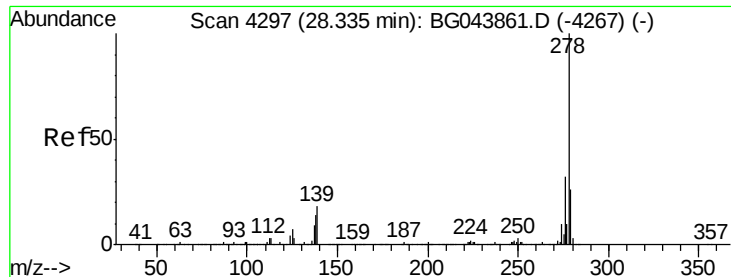


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.444 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

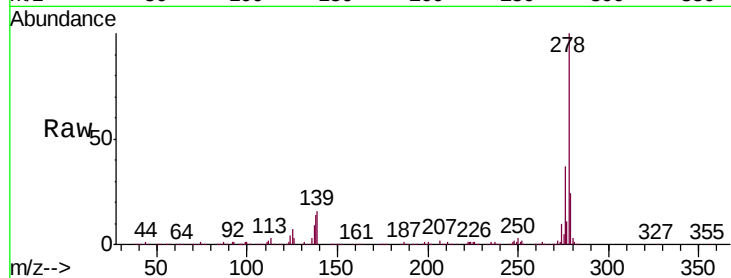
Tgt Ion:278 Resp: 1114094

Ion Ratio Lower Upper

278 100

139 16.2 14.2 21.4

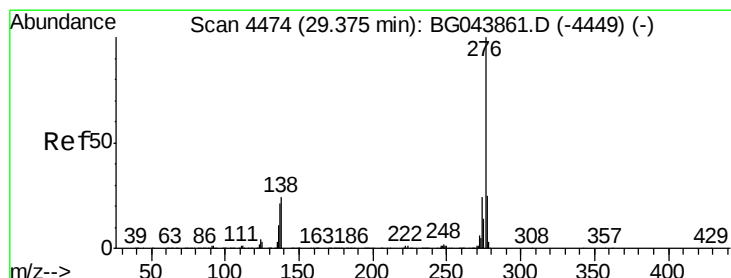
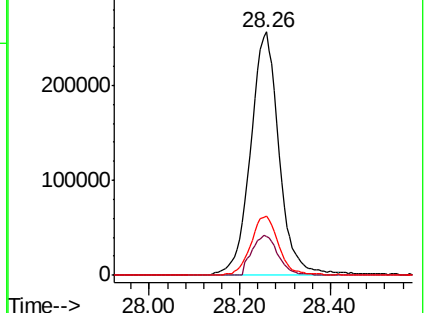
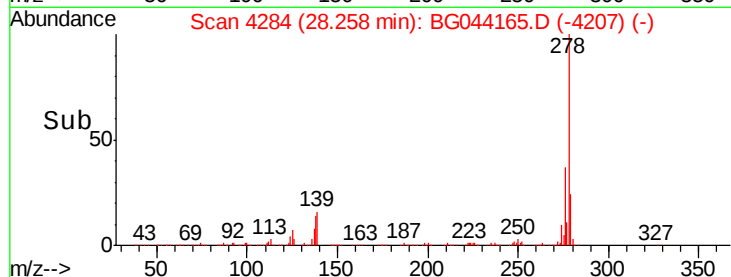
279 24.4 20.6 30.8



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: 43.732 ng

RT: 29.30 min Scan# 4461

Delta R.T. -0.08 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

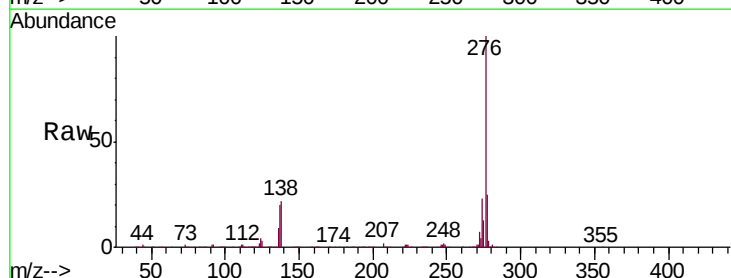
Tgt Ion:276 Resp: 1140221

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.4

138 22.2 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

