

Data File : BG044054.D
Acq On : 15 Jan 2020 17:50
Operator : JU
Sample : PB126104BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Quant Time: Jan 16 08:10:53 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	7.94	152	79083	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	347526	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	234243	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	533489	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	460476	20.00	ng	-0.02
87) Perylene-d12	24.68	264	522280	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	405690	94.19	ng	-0.02
7) Phenol-d6	7.11	99	536034	89.03	ng	-0.01
23) Nitrobenzene-d5	9.10	82	521616	80.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	213665	87.16	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1171264	90.59	ng	-0.02
79) Terphenyl-d14	19.93	244	1796369	97.75	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	88725	47.245	ng	96
3) Pyridine	3.80	79	216881	39.093	ng	94
4) n-Nitrosodimethylamine	3.72	42	102498	41.497	ng	# 90
6) Aniline	7.26	93	266684	33.725	ng	97
8) 2-Chlorophenol	7.51	128	250470	49.535	ng	98
9) Benzaldehyde	7.07	77	145451	37.747	ng	98
10) Phenol	7.14	94	312604	50.395	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	227269	42.445	ng	97
12) 1,3-Dichlorobenzene	7.83	146	256446	43.340	ng	99
13) 1,4-Dichlorobenzene	7.98	146	261078	44.719	ng	100
14) 1,2-Dichlorobenzene	8.29	146	243590	43.469	ng	100
15) Benzyl Alcohol	8.18	79	207585	43.688	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	303845	36.679	ng	99
17) 2-Methylphenol	8.39	107	213362	47.531	ng	99
18) Hexachloroethane	9.03	117	95789	42.166	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	177424	39.572	ng	98
20) 3+4-Methylphenols	8.72	107	295647	47.212	ng	97
22) Acetophenone	8.76	105	338630	39.194	ng	# 99
24) Nitrobenzene	9.14	77	252221	39.201	ng	98
25) Isophorone	9.66	82	481598	39.515	ng	100
26) 2-Nitrophenol	9.85	139	139372	45.785	ng	96
27) 2,4-Dimethylphenol	9.92	122	239943	52.364	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	312556	38.467	ng	98
29) 2,4-Dichlorophenol	10.39	162	249384	45.626	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	242113	39.506	ng	96
31) Naphthalene	10.79	128	723371	43.014	ng	99
32) Benzoic acid	10.06	122	125457	35.496	ng	97
33) 4-Chloroaniline	10.90	127	182130	22.706	ng	98
34) Hexachlorobutadiene	11.09	225	139095	37.173	ng	96
35) Caprolactam	11.66	113	63556	31.235	ng	95
36) 4-Chloro-3-methylphenol	12.03	107	266585	45.815	ng	97
37) 2-Methylnaphthalene	12.40	142	543179	42.901	ng	96
38) 1-Methylnaphthalene	12.62	142	512300	42.693	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	256157	37.310	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	345256	96.998	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	200650	42.473	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	218385	44.821	ng	99
46) 1,1'-Biphenyl	13.41	154	689118	41.031	ng	98
47) 2-Chloronaphthalene	13.45	162	542652	39.985	ng	98
48) 2-Nitroaniline	13.65	65	168467	38.590	ng	96
49) Acenaphthylene	14.30	152	874270	44.820	ng	98
50) Dimethylphthalate	14.03	163	717965	43.167	ng	98
51) 2,6-Dinitrotoluene	14.15	165	163742	43.557	ng	92
52) Acenaphthene	14.64	154	548759	40.116	ng	98
53) 3-Nitroaniline	14.48	138	115595	27.078	ng	95
54) 2,4-Dinitrophenol	14.68	184	184404	95.170	ng	97
55) Dibenzofuran	14.97	168	841101	44.665	ng	97
56) 4-Nitrophenol	14.79	139	315241	96.365	ng	96
57) 2,4-Dinitrotoluene	14.93	165	234568	45.857	ng	95
58) Fluorene	15.62	166	661756	44.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	194799	46.495	ng	97
60) Diethylphthalate	15.40	149	724231	43.535	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	341869	42.182	ng	98
62) 4-Nitroaniline	15.64	138	167447	39.720	ng	94
63) Azobenzene	15.91	77	655397	42.482	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	139121	50.375	ng	98
66) n-Nitrosodiphenylamine	15.83	169	637524	40.579	ng	97
67) 4-Bromophenyl-phenylether	16.51	248	224283	37.380	ng	99
68) Hexachlorobenzene	16.63	284	245261	37.935	ng	99
69) Atrazine	16.78	200	245597	48.092	ng	99
70) Pentachlorophenol	16.97	266	291768	81.865	ng	98
71) Phenanthrene	17.36	178	1094183	42.760	ng	98
72) Anthracene	17.45	178	1127753	44.594	ng	97
73) Carbazole	17.72	167	1027697	43.994	ng	96
74) Di-n-butylphthalate	18.29	149	1253087	42.015	ng	96
75) Fluoranthene	19.37	202	1262551	43.143	ng	97
77) Benzidine	19.55	184	575323	49.707	ng	99
78) Pyrene	19.73	202	1286359	42.797	ng	96
80) Butylbenzylphthalate	20.62	149	586863	41.011	ng	96
81) Benzo(a)anthracene	21.55	228	1202676	42.121	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	337097	29.883	ng	99
83) Chrysene	21.61	228	1156742	42.636	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	825099	41.788	ng	96
85) Di-n-octyl phthalate	22.65	149	1415204	42.634	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1472718	39.943	ng	# 92
88) Benzo(b)fluoranthene	23.69	252	1268358	41.079	ng	98
89) Benzo(k)fluoranthene	23.76	252	1241697	42.291	ng	98
90) Benzo(a)pyrene	24.53	252	1174686	40.310	ng	98
91) Dibenzo(a,h)anthracene	28.27	278	1207969	41.275	ng	98
92) Benzo(g,h,i)perylene	29.32	276	1233990	42.448	ng	98

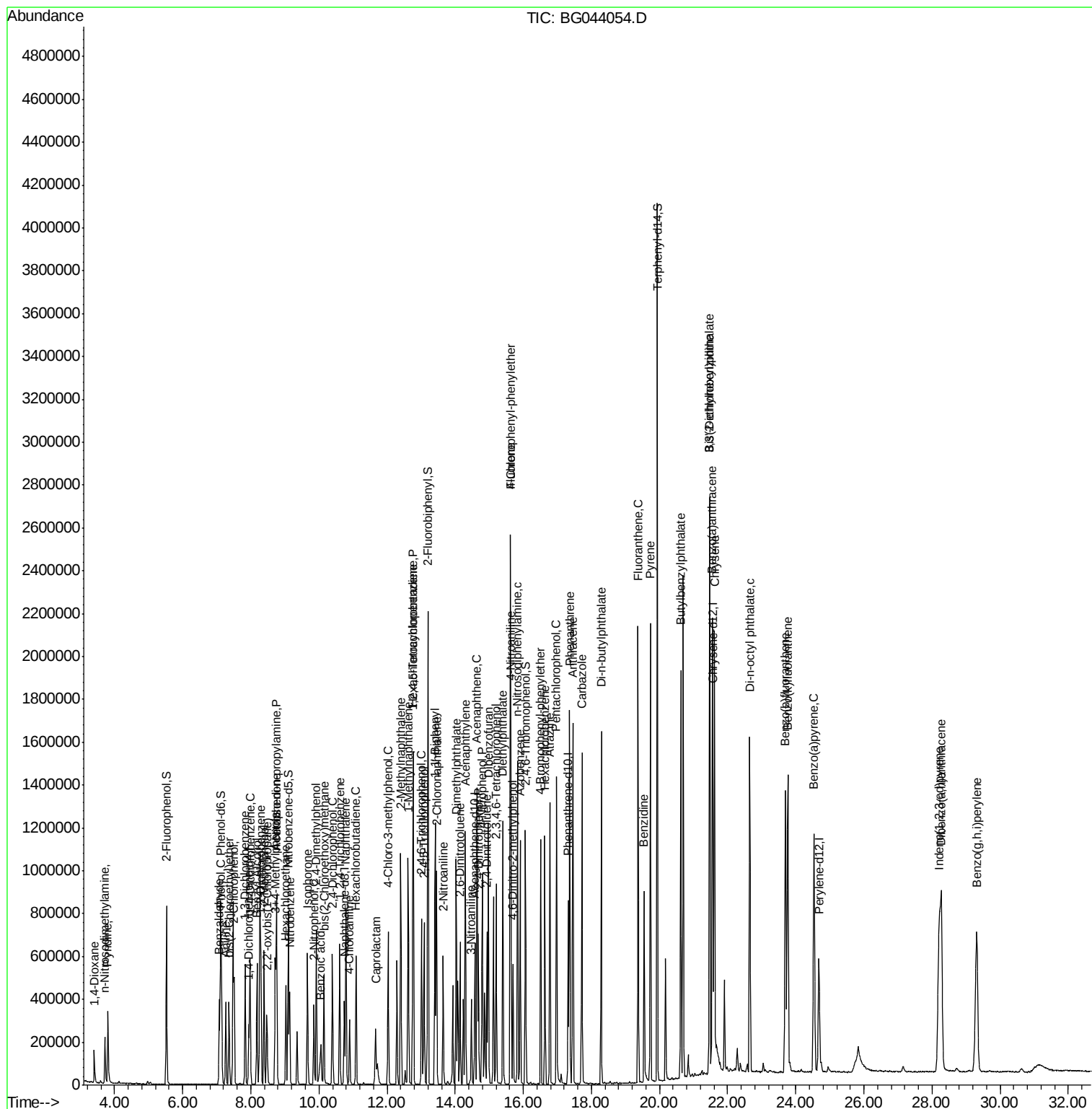
(#) = qualifier out of range (m) = manual integration (+) = signals summed

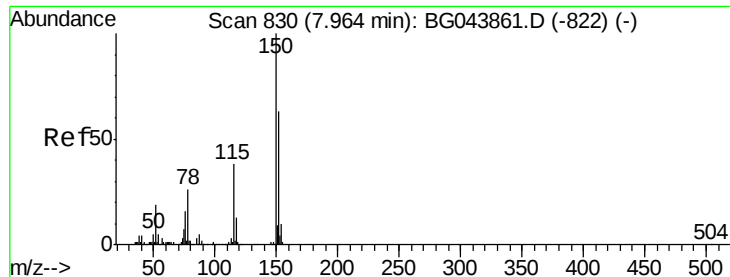
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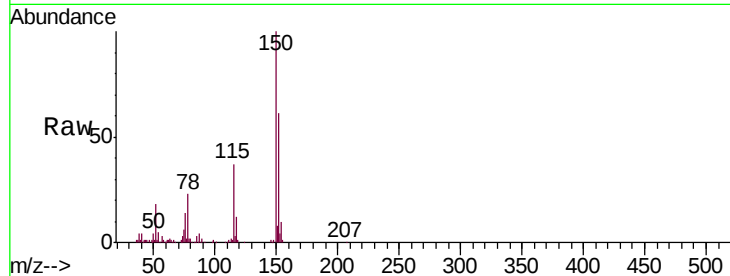


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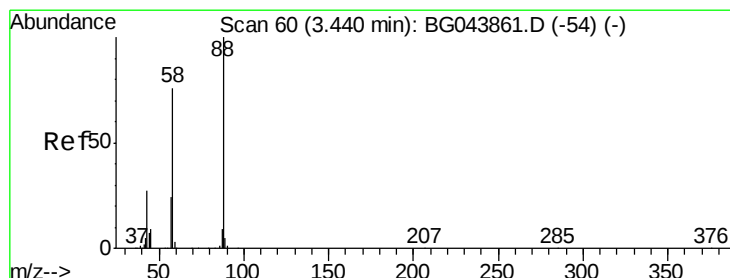
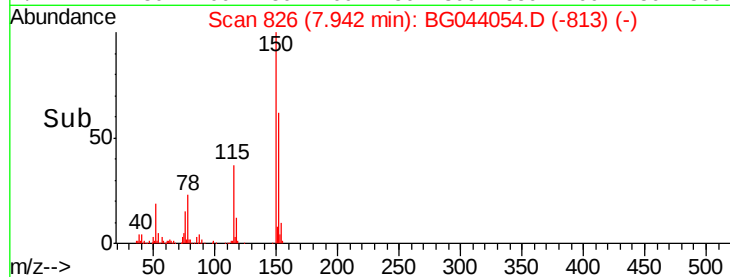
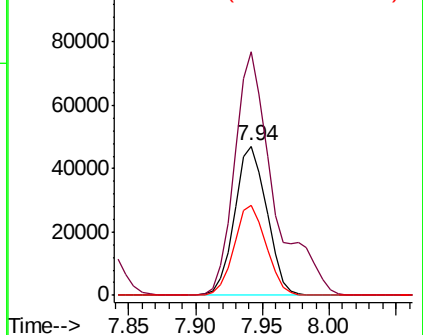
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
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Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion:152 Resp: 79083
Ion Ratio Lower Upper
152 100
150 163.2 127.0 190.4
115 60.6 47.8 71.8



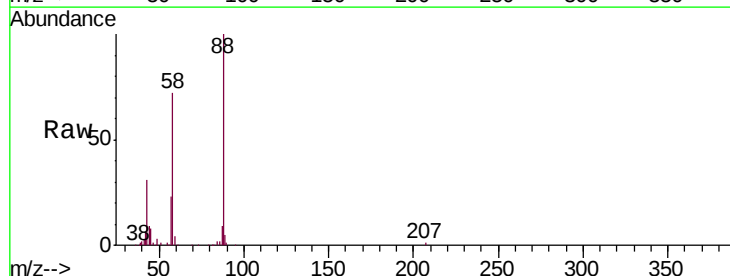
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



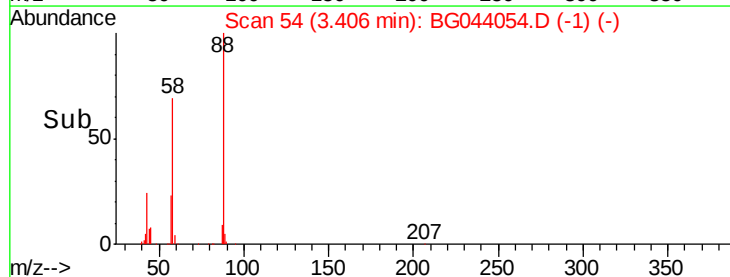
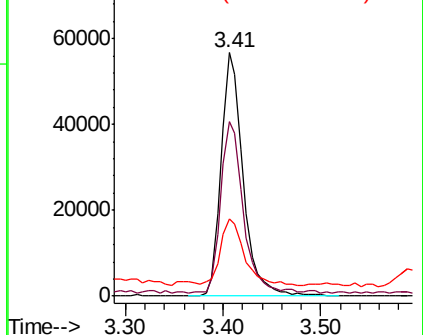
#2

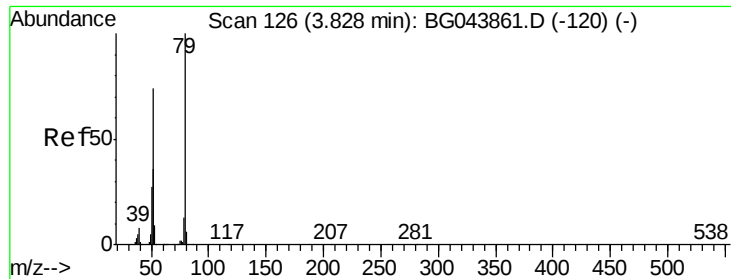
1,4-Dioxane
Concen: 47.245 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.03 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion: 88 Resp: 88725
Ion Ratio Lower Upper
88 100
58 71.2 59.8 89.8
43 29.6 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: 39.093 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG044054.D

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Instrument :

BNA_G

ClientSampleId :

PB126104BS

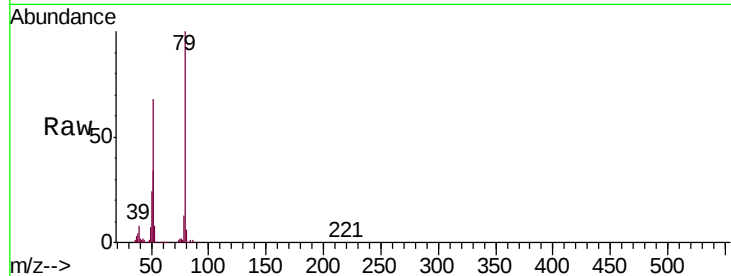
Tgt Ion: 79 Resp: 216881

Ion Ratio Lower Upper

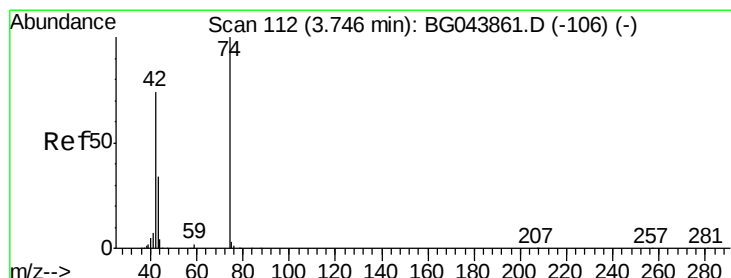
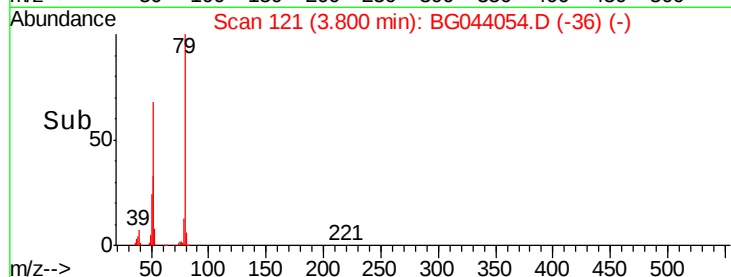
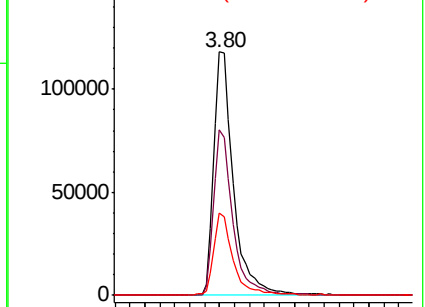
79 100

52 67.9 58.9 88.3

51 33.6 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 41.497 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

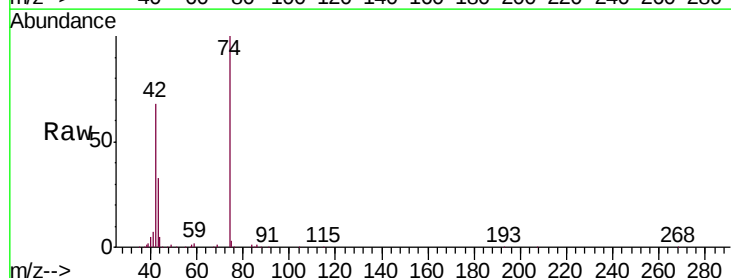
Tgt Ion: 42 Resp: 102498

Ion Ratio Lower Upper

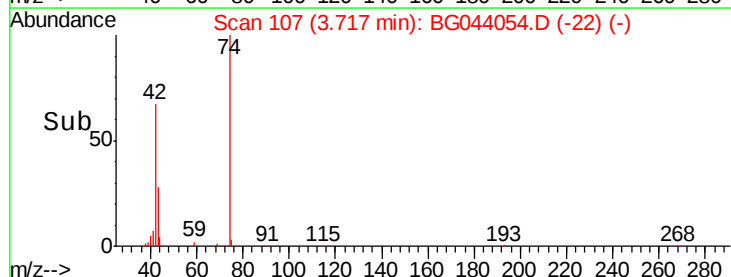
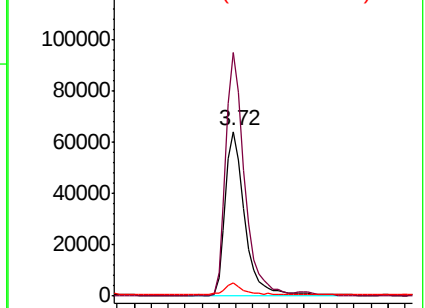
42 100

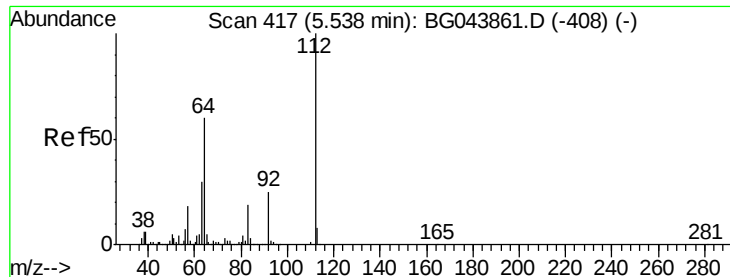
74 147.8 108.6 162.8

44 7.8 5.0 7.6#



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





#5

2-Fluorophenol

Concen: 94.192 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.02 min

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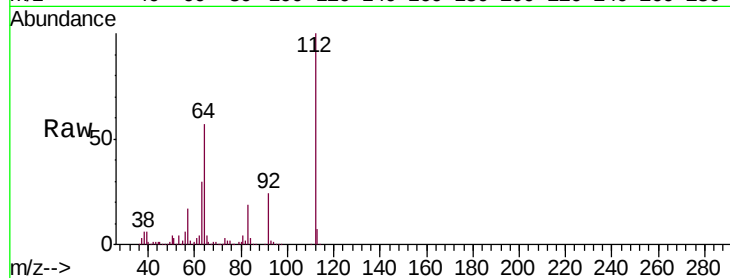
Tgt Ion: 112 Resp: 405690

Ion Ratio Lower Upper

112 100

64 56.7 47.8 71.6

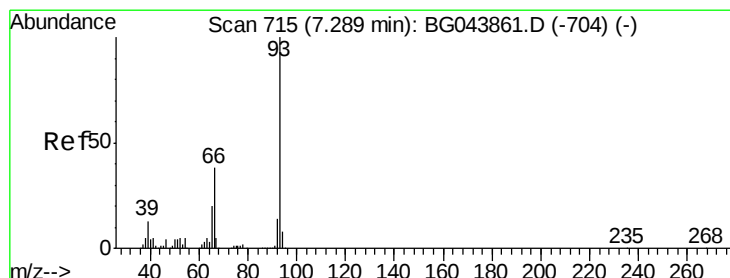
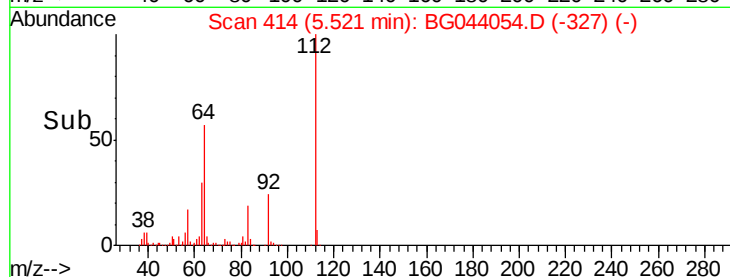
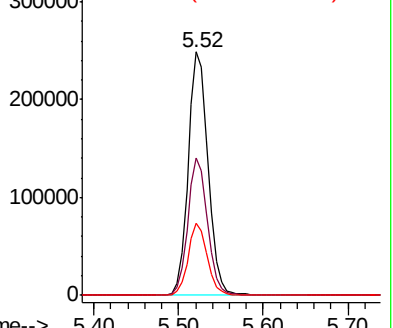
63 29.6 24.3 36.5



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: 33.725 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

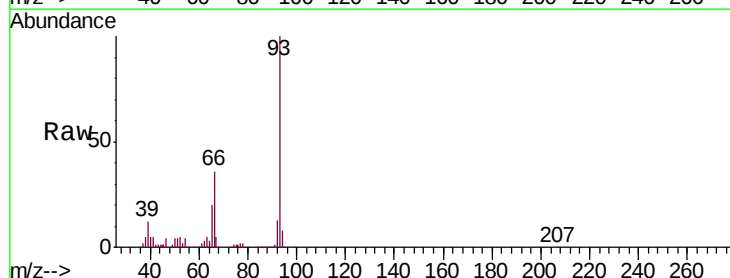
Tgt Ion: 93 Resp: 266684

Ion Ratio Lower Upper

93 100

66 36.2 30.8 46.2

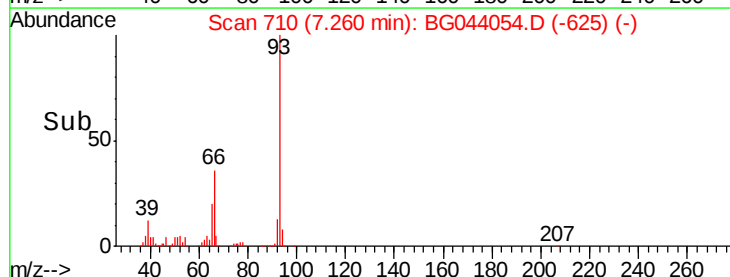
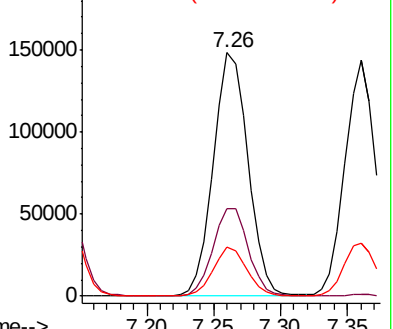
65 20.0 16.0 24.0

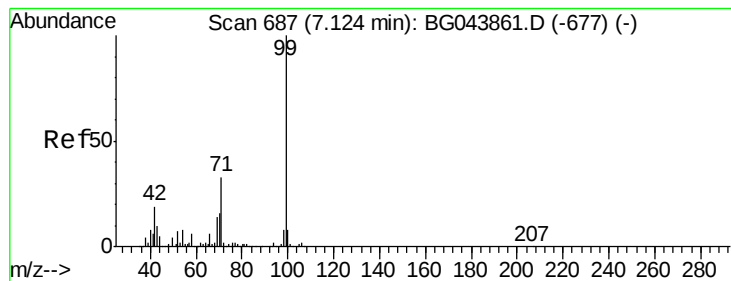


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.035 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

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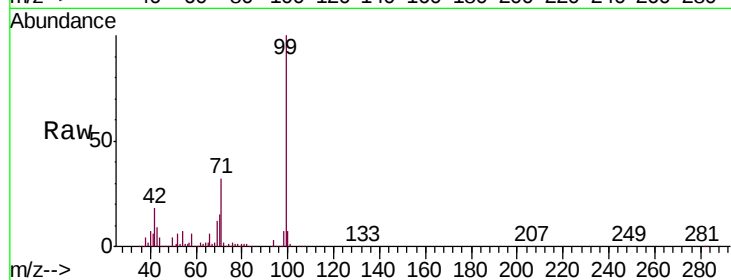
Tgt Ion: 99 Resp: 536034

Ion Ratio Lower Upper

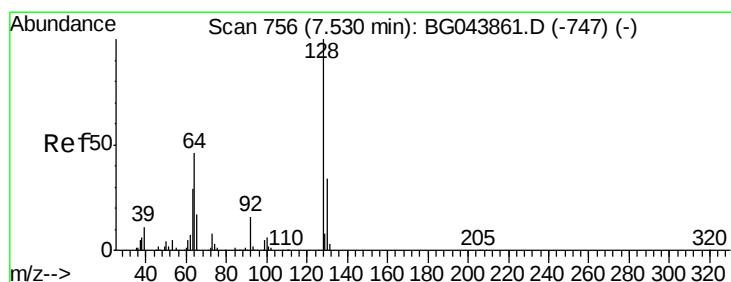
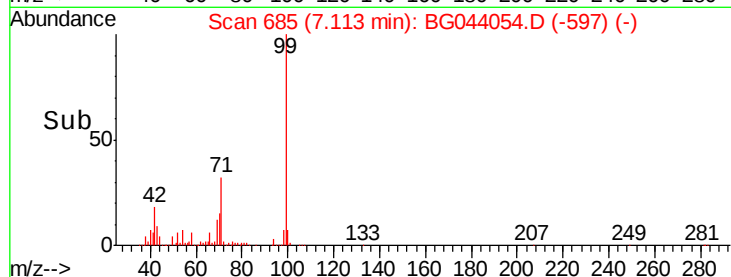
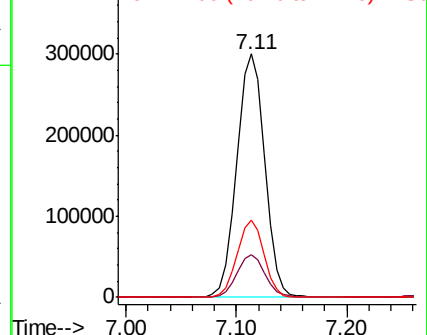
99 100

42 17.6 14.9 22.3

71 31.8 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: 49.535 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.02 min

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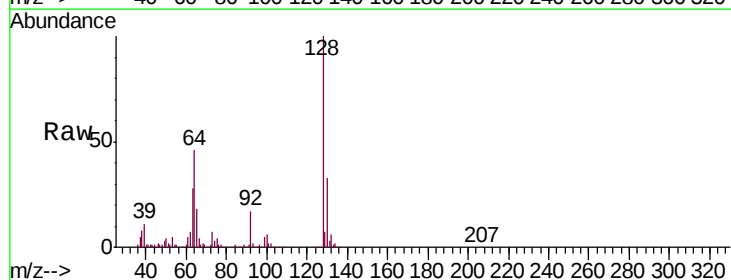
Tgt Ion: 128 Resp: 250470

Ion Ratio Lower Upper

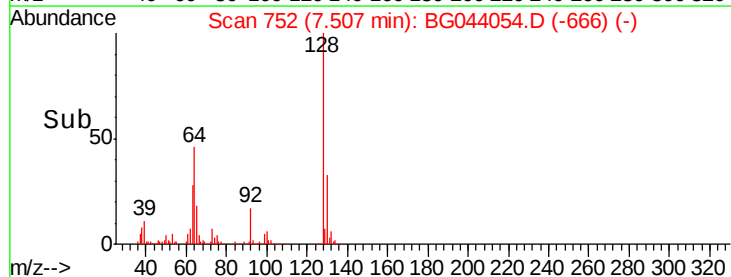
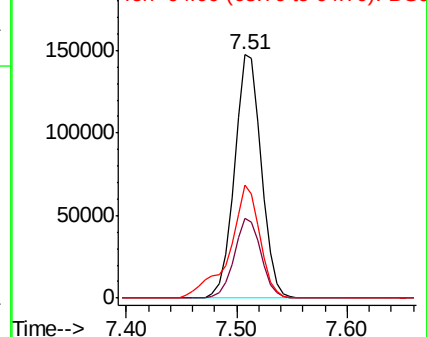
128 100

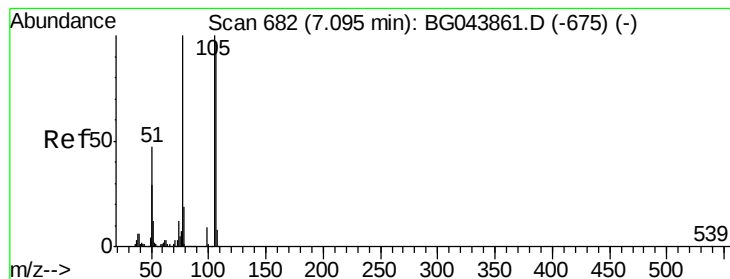
130 32.7 13.8 53.8

64 46.2 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: 37.747 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

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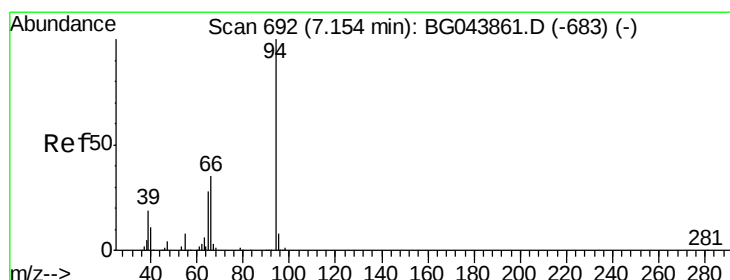
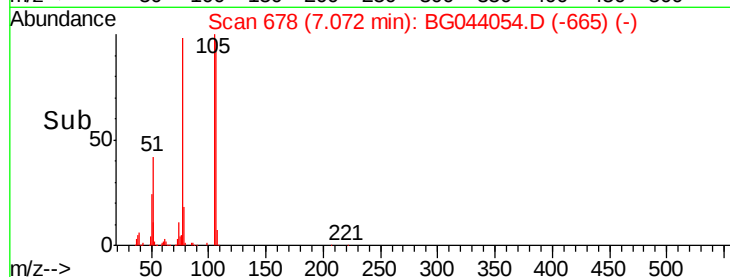
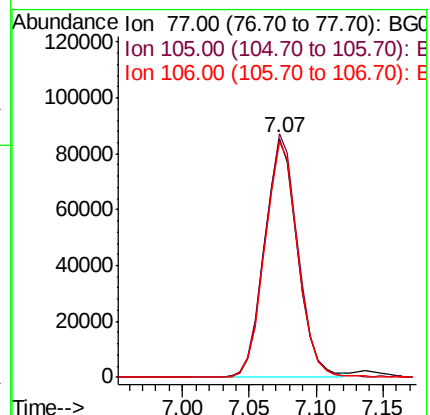
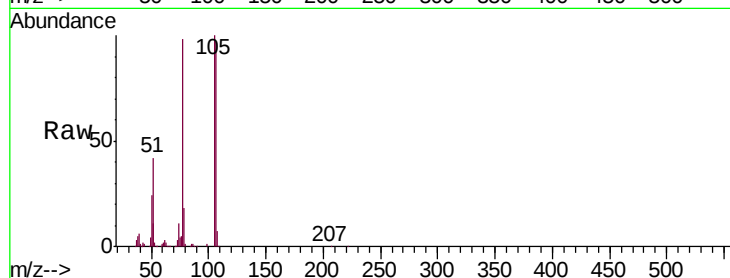
Tgt Ion: 77 Resp: 145451

Ion Ratio Lower Upper

77 100

105 102.0 80.2 120.2

106 98.8 77.2 117.2



#10

Phenol

Concen: 50.395 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

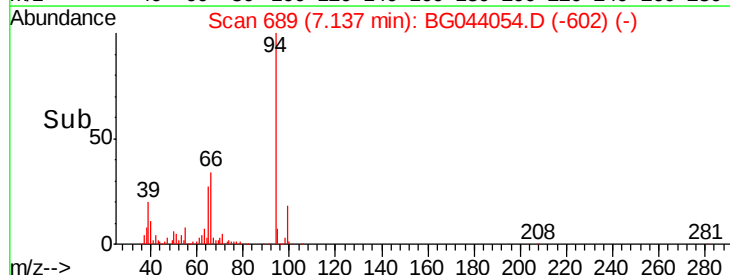
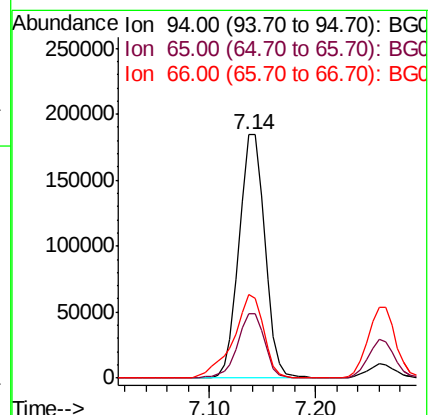
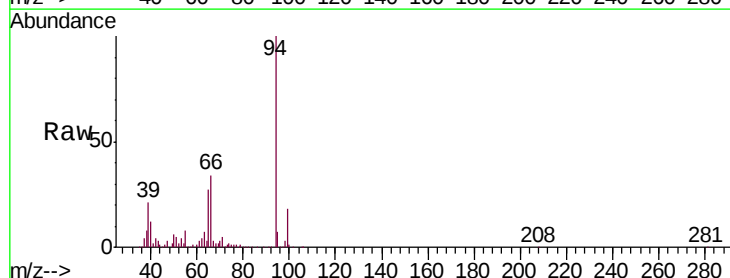
Tgt Ion: 94 Resp: 312604

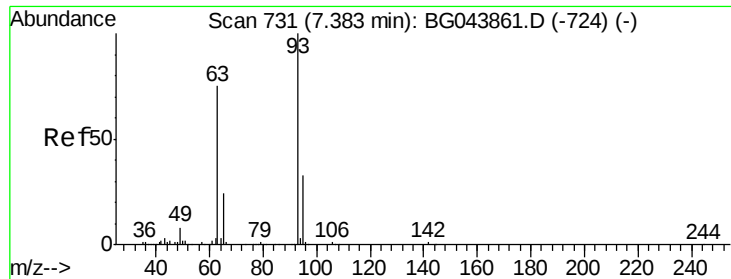
Ion Ratio Lower Upper

94 100

65 26.7 8.1 48.1

66 34.3 15.6 55.6

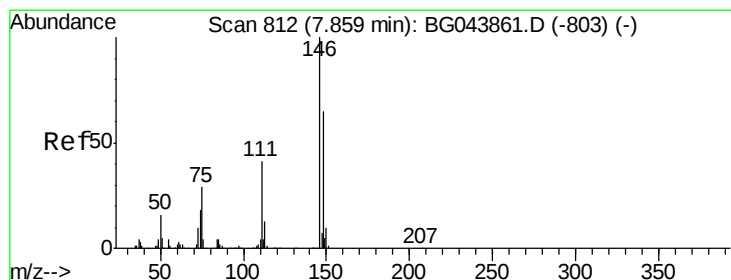
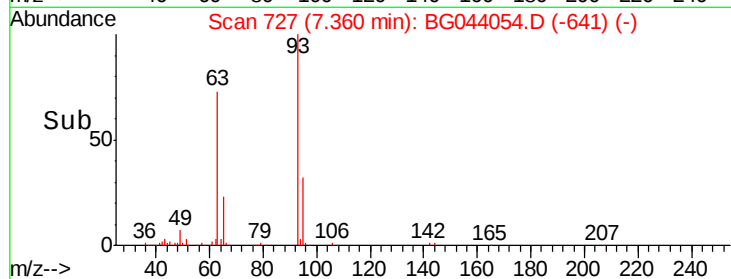
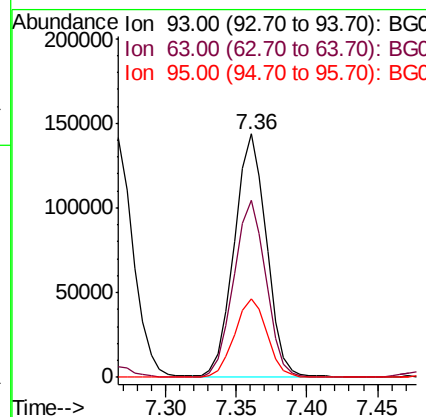
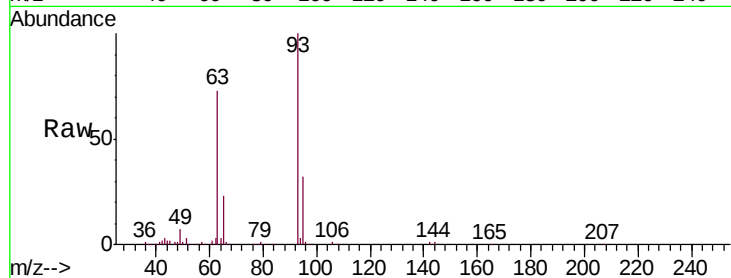




#11
 bis(2-Chloroethyl)ether
 Concen: 42.445 ng
 RT: 7.36 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

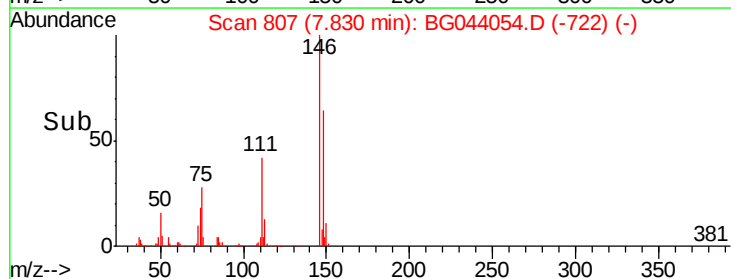
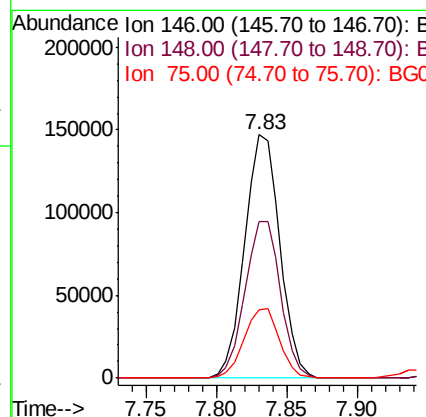
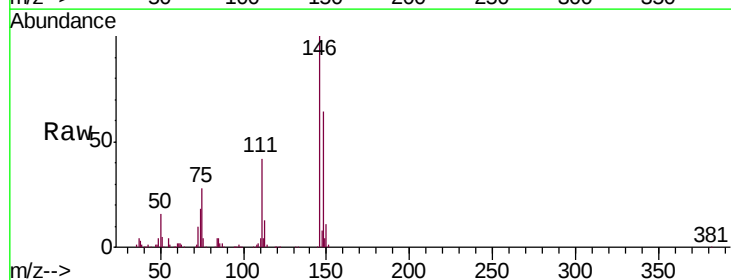
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

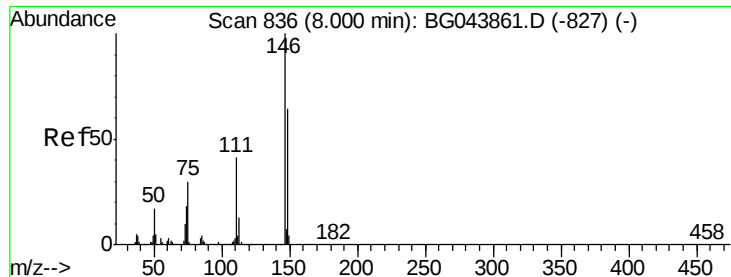
Tgt Ion:	93	Resp:	227269
Ion	Ratio	Lower	Upper
93	100		
63	72.7	55.0	95.0
95	32.1	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 43.340 ng
 RT: 7.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion:	146	Resp:	256446
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	28.2	23.0	34.4

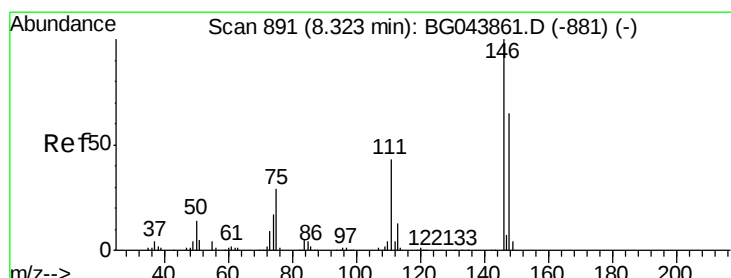
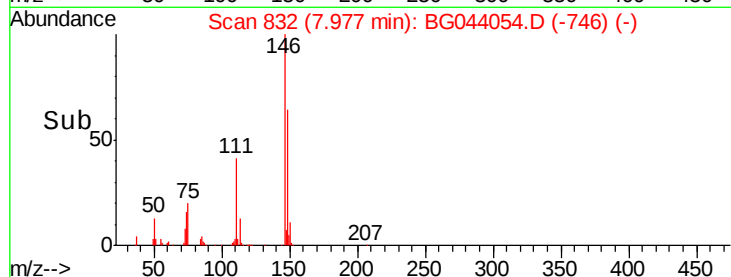
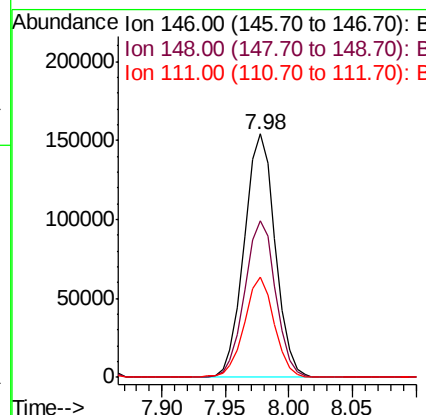
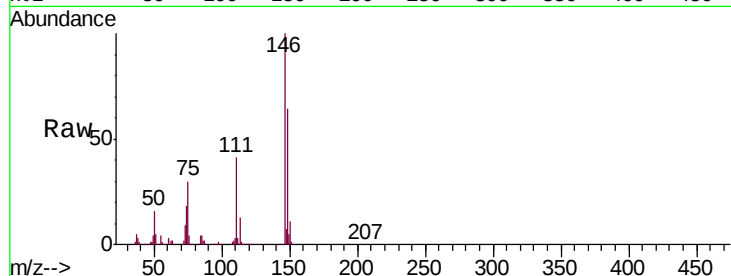




#13
 1,4-Dichlorobenzene
 Concen: 44.719 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

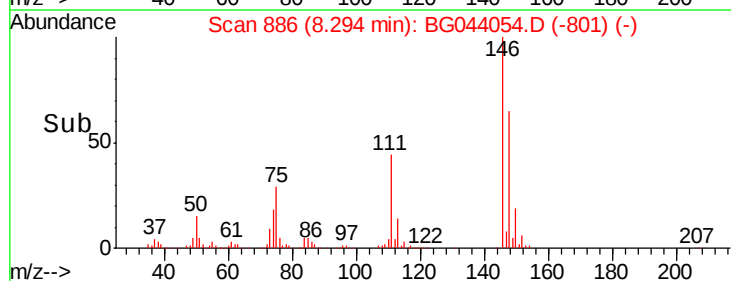
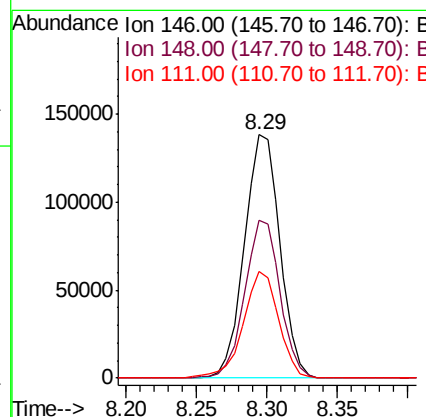
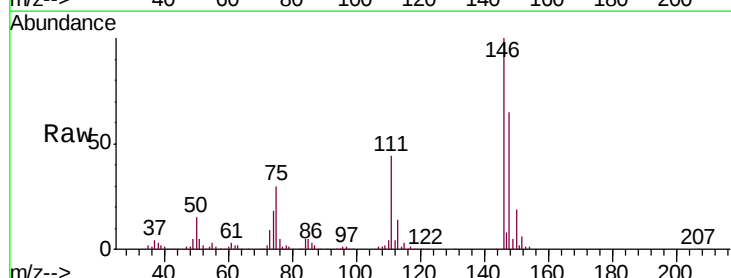
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

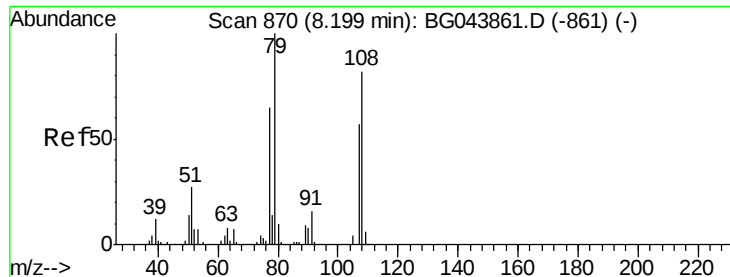
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	41.3	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 43.469 ng
 RT: 8.29 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	43.7	34.4	51.6





#15

Benzyl Alcohol

Concen: 43.688 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

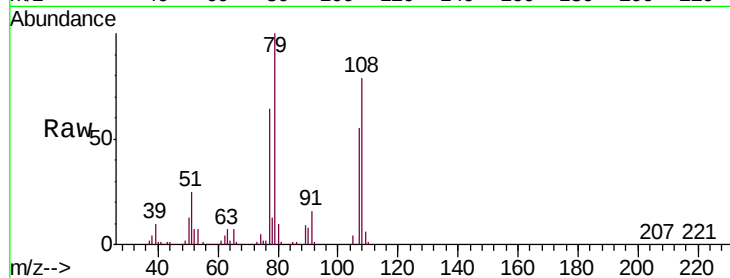
Tgt Ion: 79 Resp: 207585

Ion Ratio Lower Upper

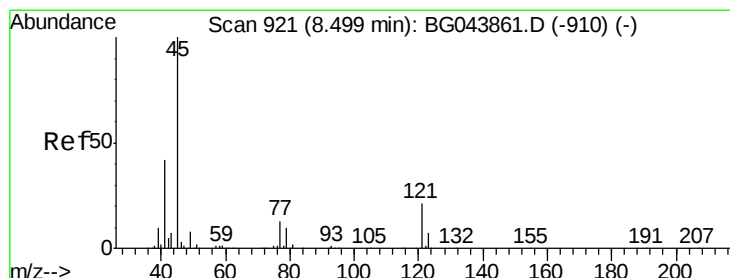
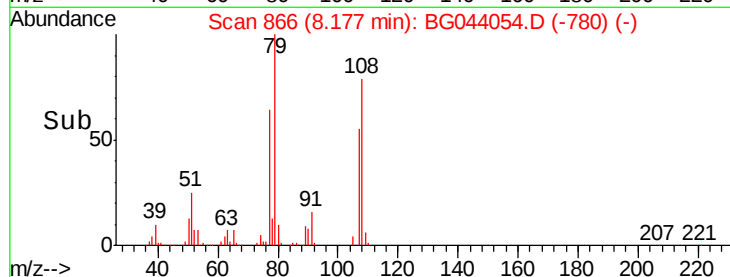
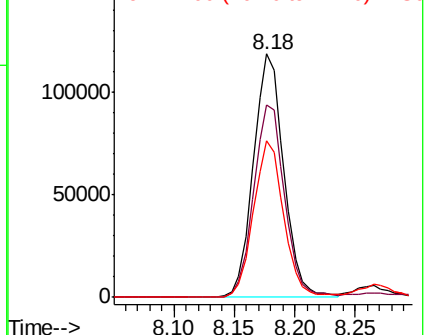
79 100

108 79.0 65.6 98.4

77 64.4 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.679 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

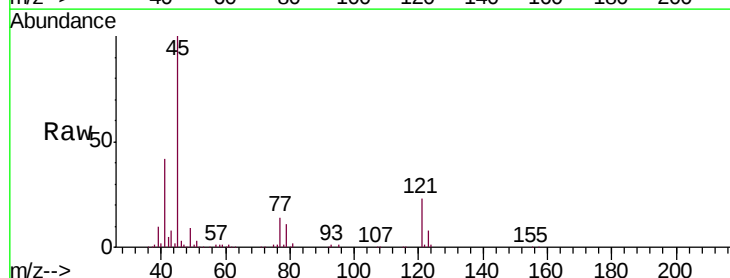
Tgt Ion: 45 Resp: 303845

Ion Ratio Lower Upper

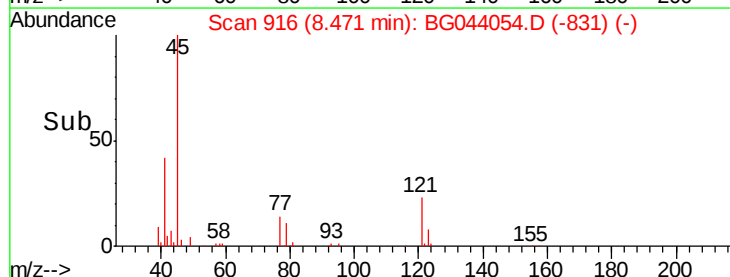
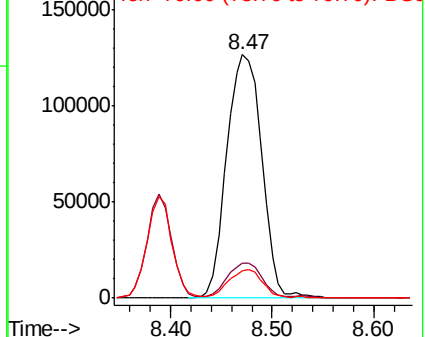
45 100

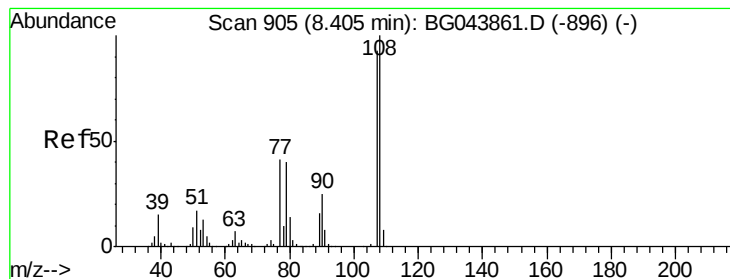
77 14.2 0.0 33.8

79 11.3 0.0 31.0



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





#17

2-Methylphenol

Concen: 47.531 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

Tgt Ion:107 Resp: 213362

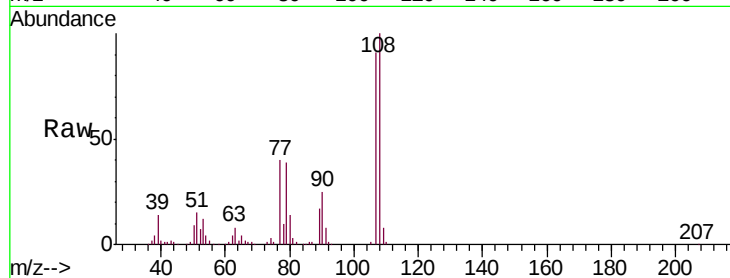
Ion Ratio Lower Upper

107 100

108 109.8 86.1 129.1

77 44.1 35.4 53.0

79 43.2 34.8 52.2

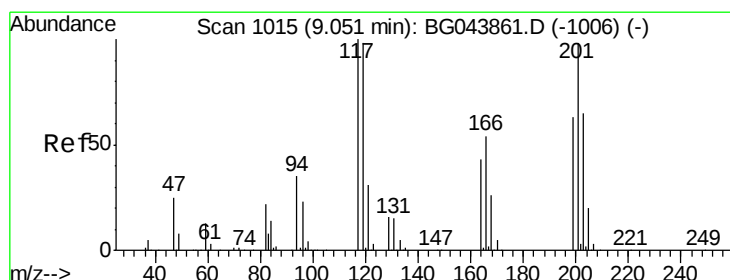
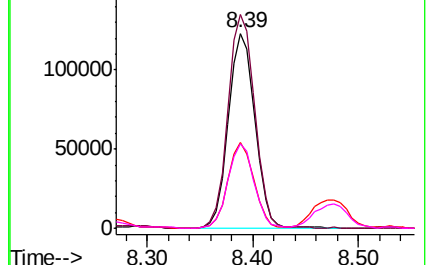
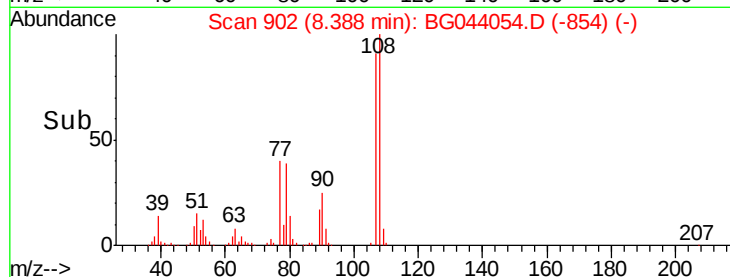


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.166 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

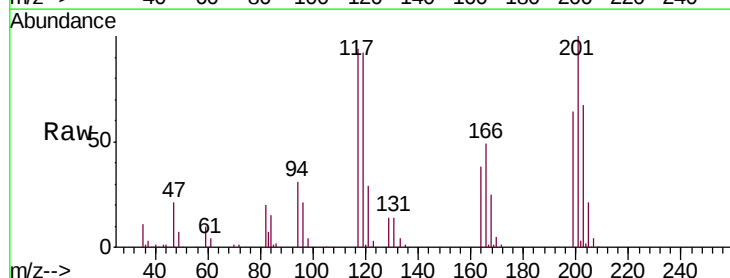
Tgt Ion:117 Resp: 95789

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

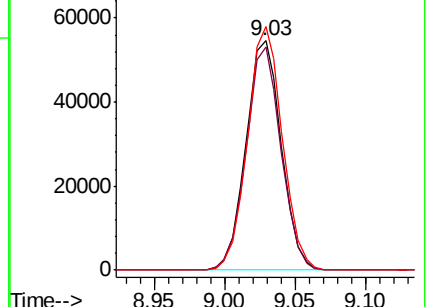
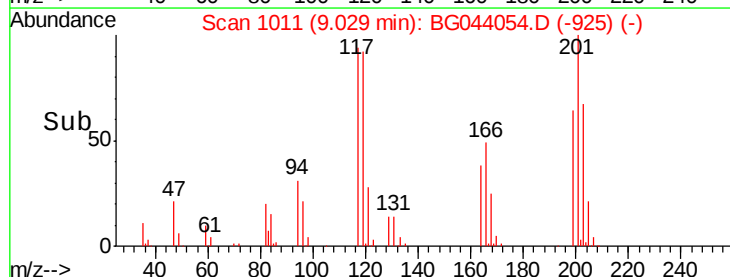
201 106.2 78.6 117.8

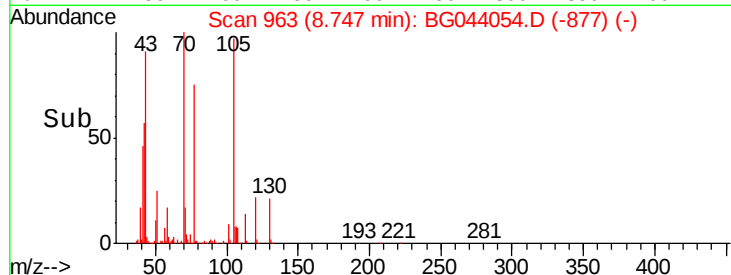
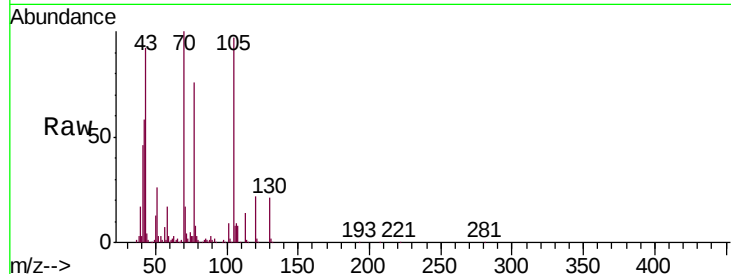
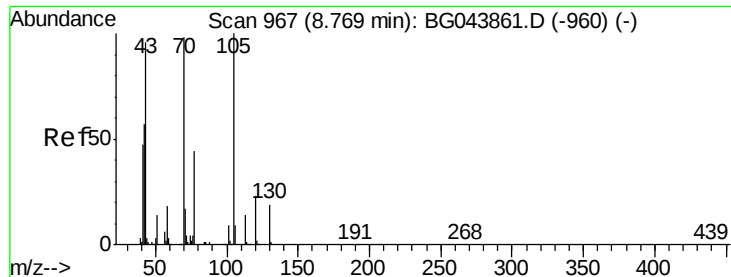


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

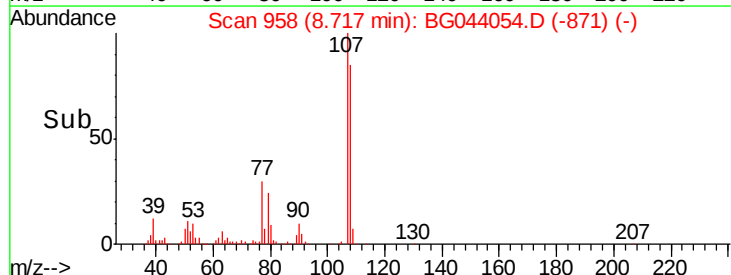
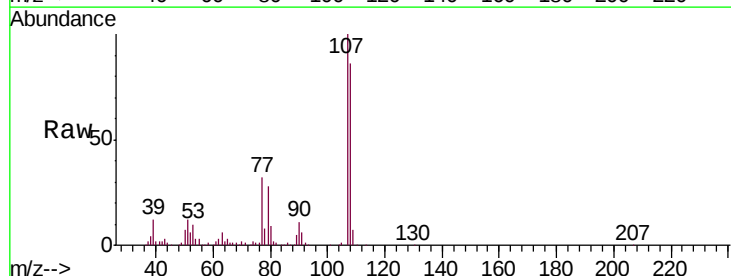
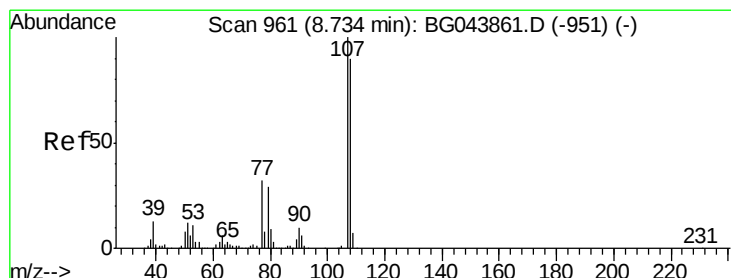
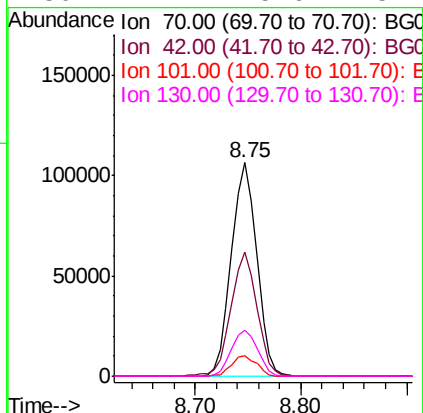




#19
n-Nitroso-di-n-propylamine
Concen: 39.572 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

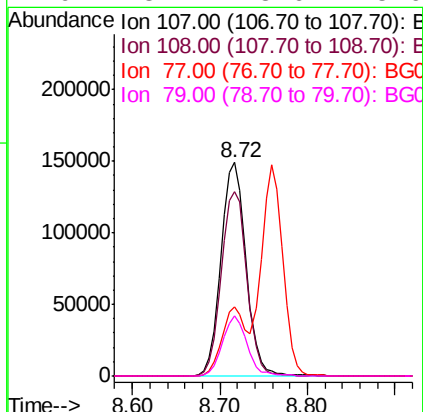
Instrument :
BNA_G
ClientSampleId :
PB126104BS

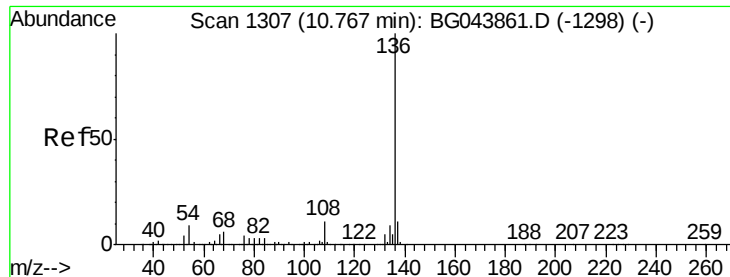
Tgt Ion:	70	Resp:	177424
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.0	70.4
101	9.5	7.2	10.8
130	21.4	15.6	23.4



#20
3+4-Methylphenols
Concen: 47.212 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:	107	Resp:	295647
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.3	110.3
77	32.3	12.4	52.4
79	28.4	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

Tgt Ion:136 Resp: 347526

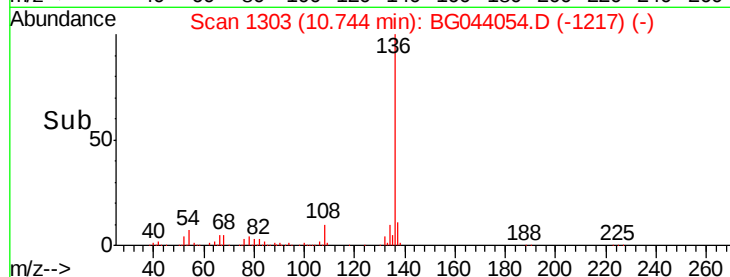
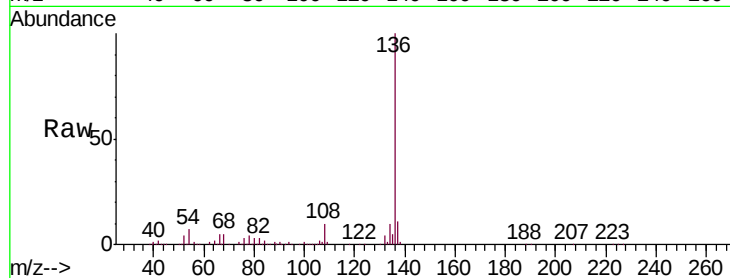
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.2 7.0 10.4

68 5.4 4.9 7.3

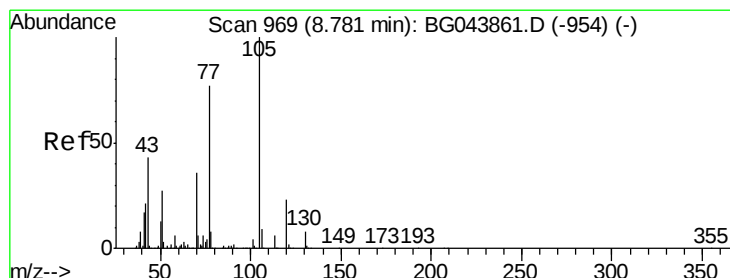
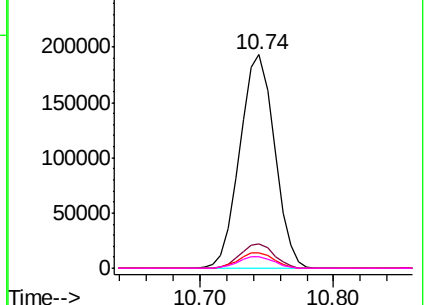


Abundance Ion 136.00 (135.70 to 136.70): E

300000 Ion 137.00 (136.70 to 137.70): E

250000 Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.194 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Tgt Ion:105 Resp: 338630

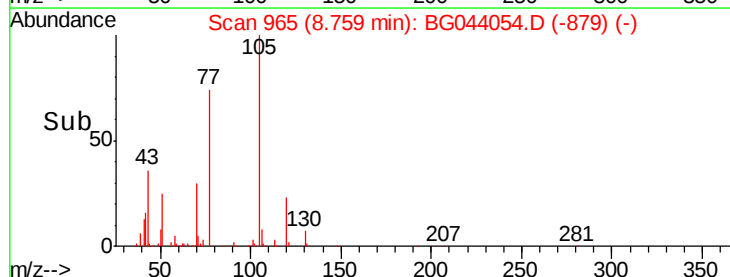
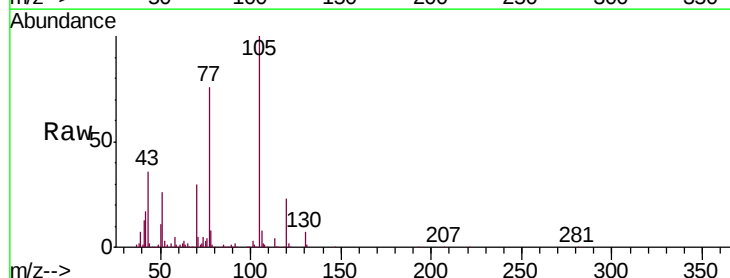
Ion Ratio Lower Upper

105 100

71 4.7 4.8 7.2#

51 25.9 21.4 32.0

120 23.0 18.6 28.0

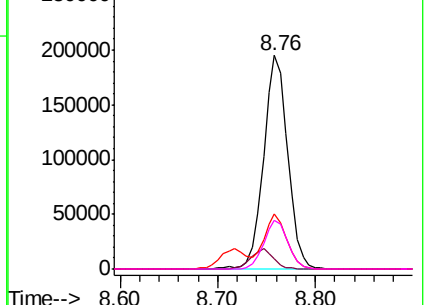


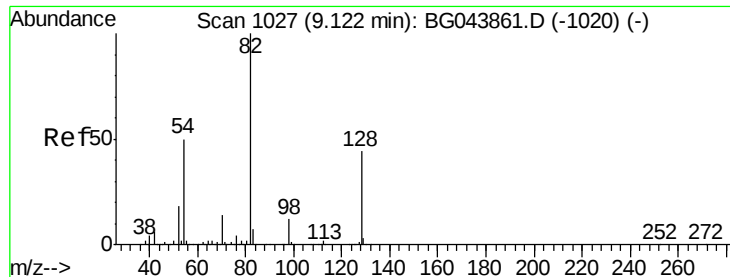
Abundance Ion 105.00 (104.70 to 105.70): E

300000 Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.294 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

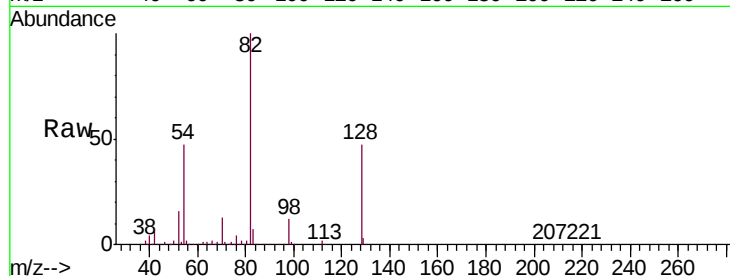
Tgt Ion: 82 Resp: 521616

Ion Ratio Lower Upper

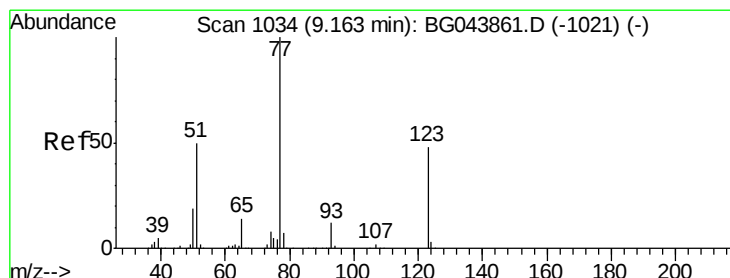
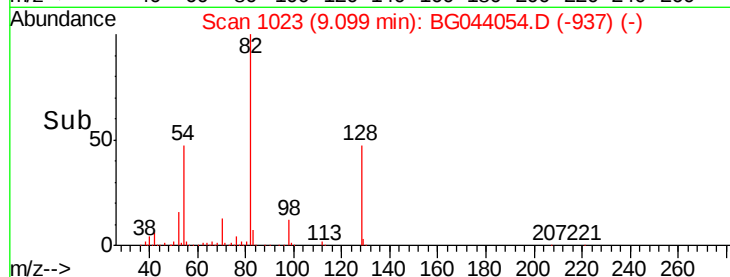
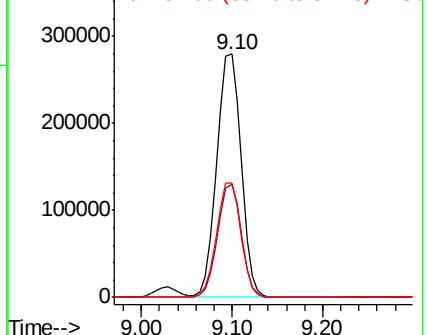
82 100

128 46.5 35.1 52.7

54 47.1 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 39.201 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

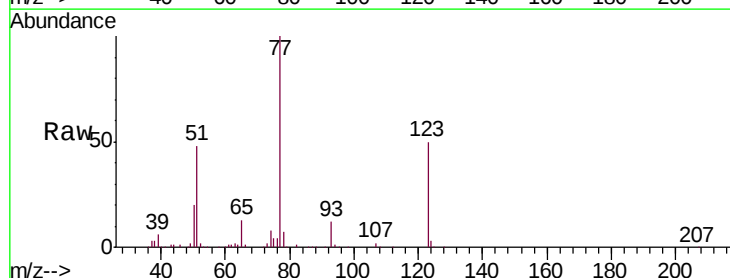
Tgt Ion: 77 Resp: 252221

Ion Ratio Lower Upper

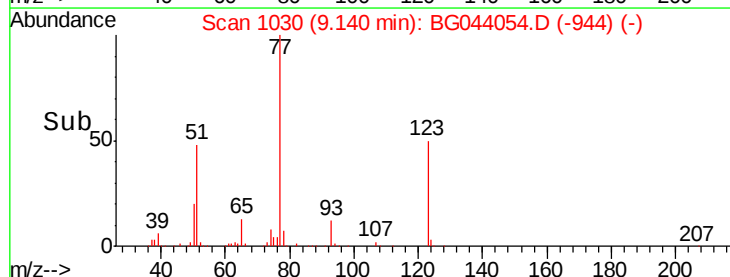
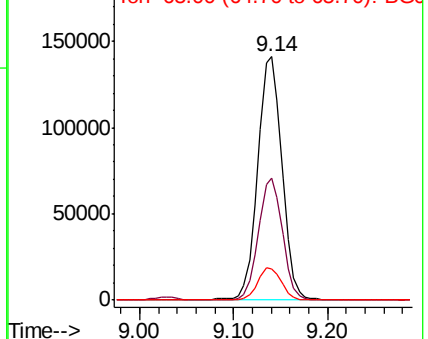
77 100

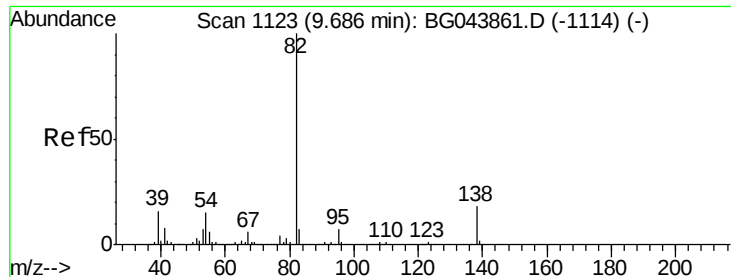
123 50.1 38.7 58.1

65 13.0 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

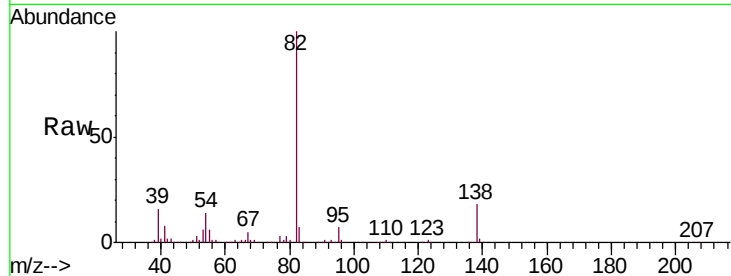




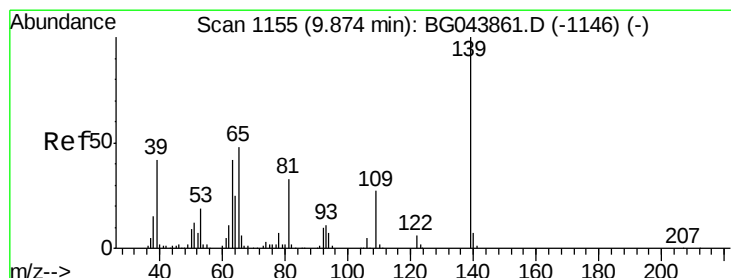
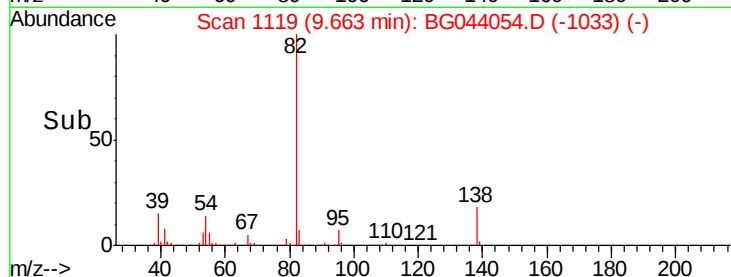
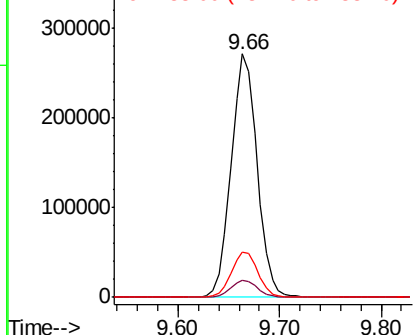
#25
Isophorone
Concen: 39.515 ng
RT: 9.66 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion: 82 Resp: 481598
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.4 14.6 22.0

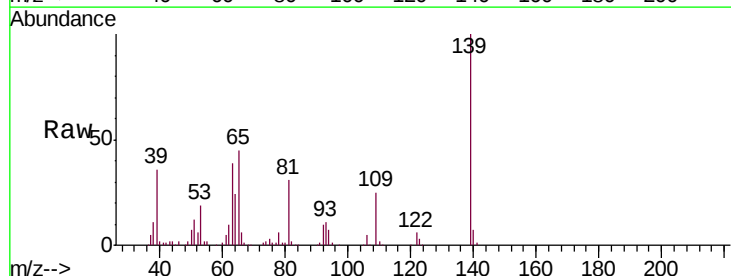


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

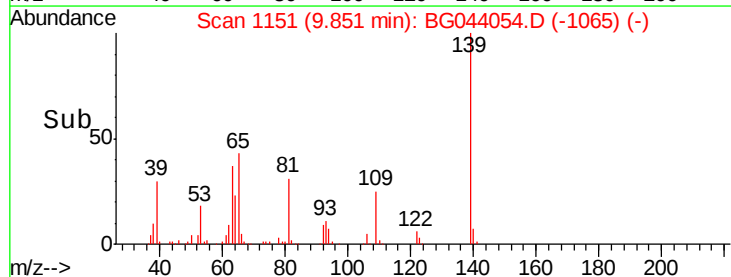
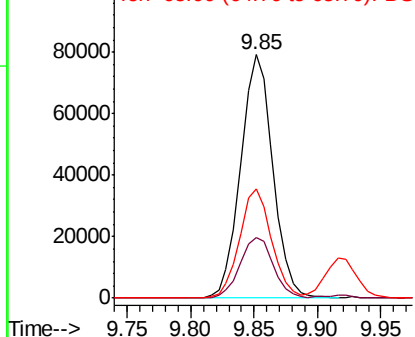


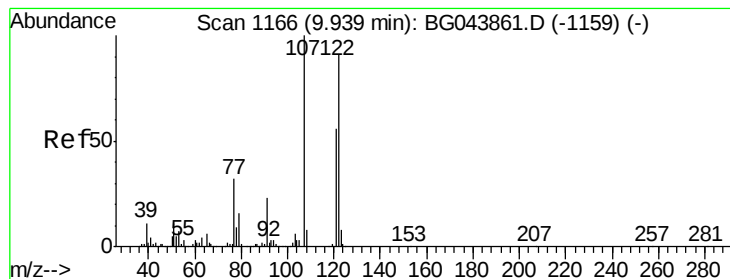
#26
2-Nitrophenol
Concen: 45.785 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion: 139 Resp: 139372
Ion Ratio Lower Upper
139 100
109 24.7 21.3 31.9
65 45.0 38.6 57.8



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





#27

2,4-Dimethylphenol

Concen: 52.364 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

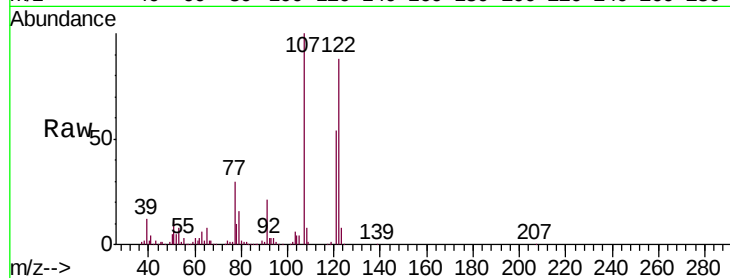
Tgt Ion: 122 Resp: 239943

Ion Ratio Lower Upper

122 100

107 113.2 88.0 132.0

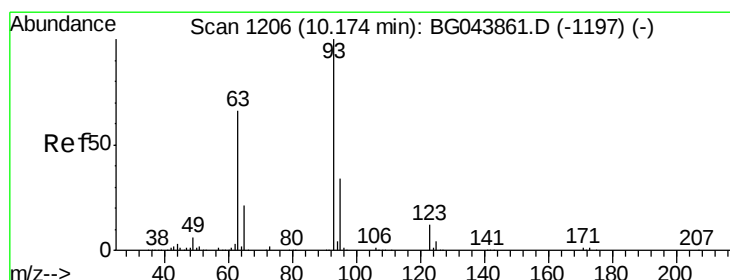
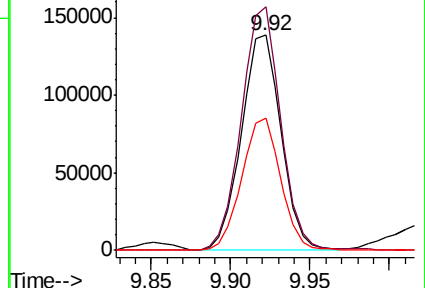
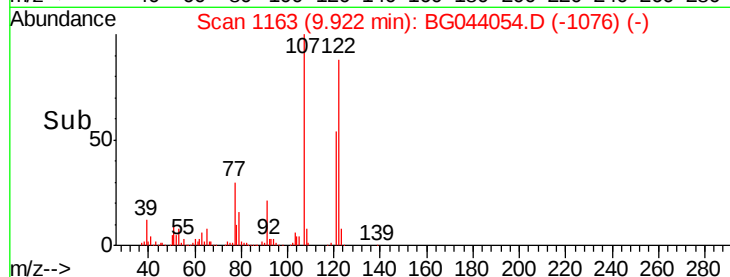
121 61.4 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.467 ng

RT: 10.15 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

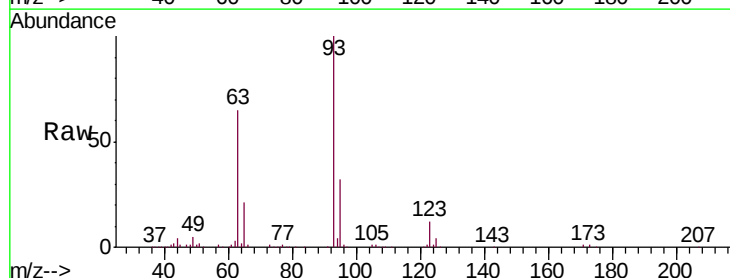
Tgt Ion: 93 Resp: 312556

Ion Ratio Lower Upper

93 100

95 32.4 27.2 40.8

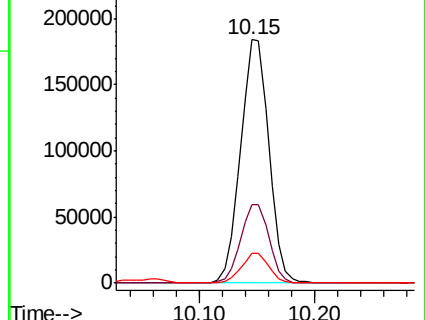
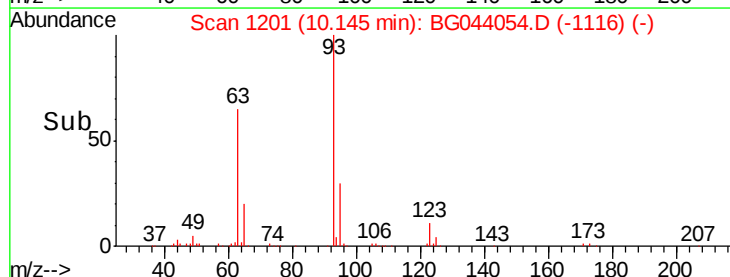
123 12.0 9.7 14.5

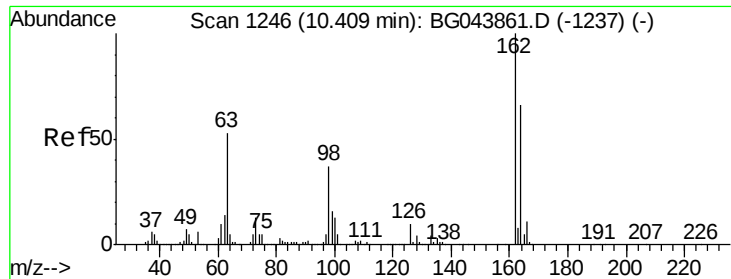


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

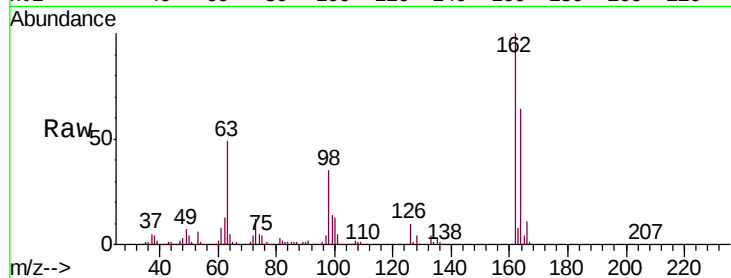




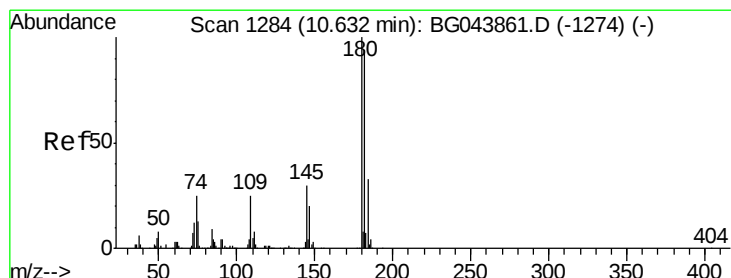
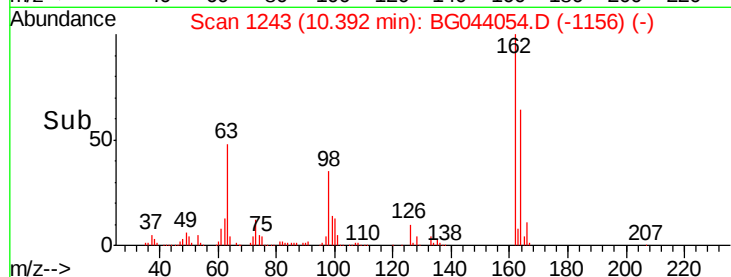
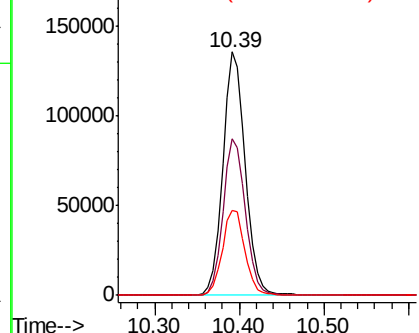
#29
2,4-Dichlorophenol
Concen: 45.626 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.3	86.3
98	34.8	17.3	57.3

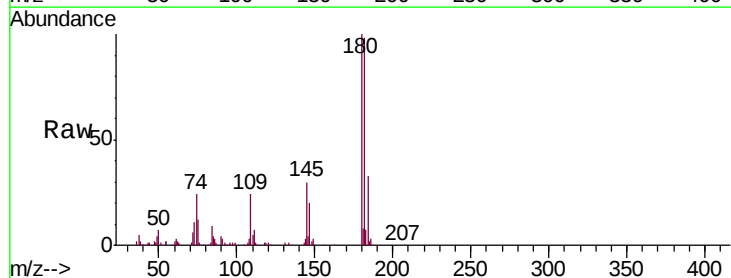


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

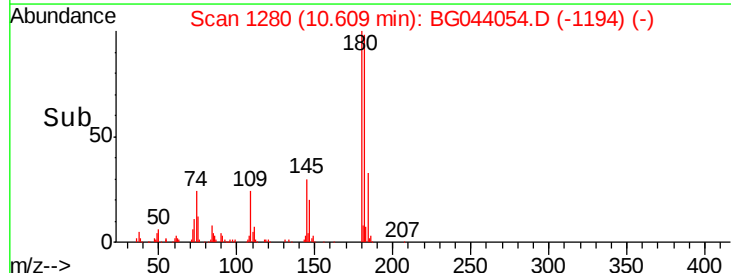
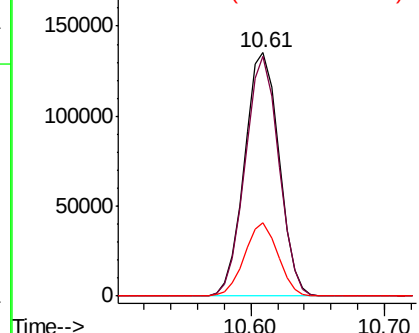


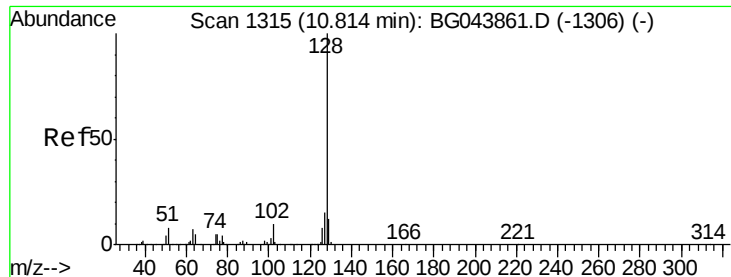
#30
1,2,4-Trichlorobenzene
Concen: 39.506 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.0	112.4
145	30.0	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

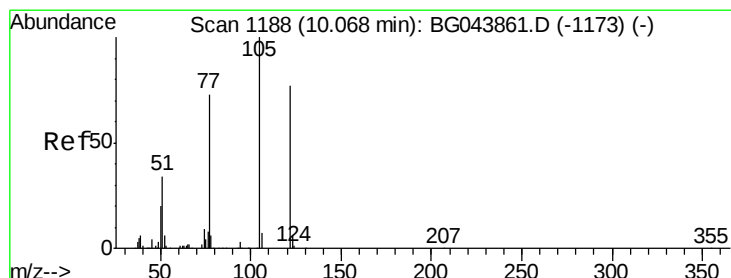
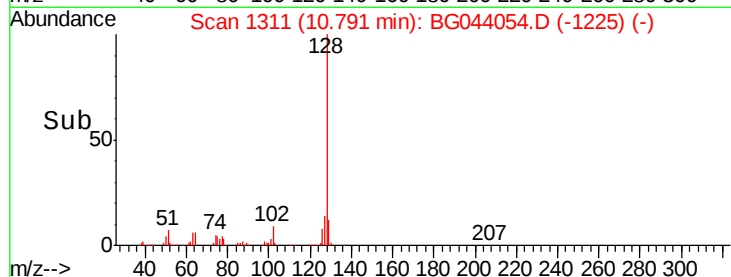
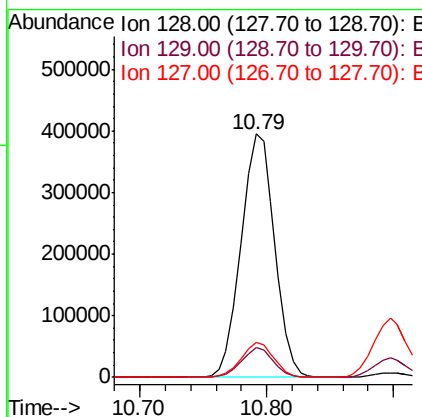
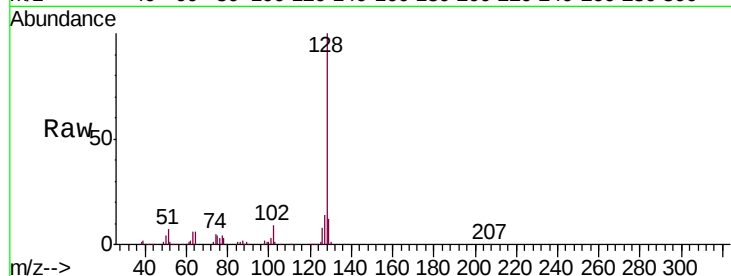




#31
Naphthalene
Concen: 43.014 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

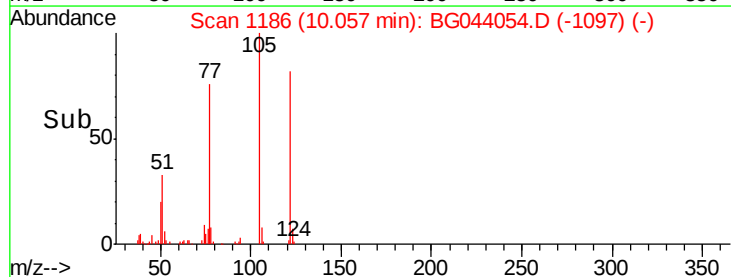
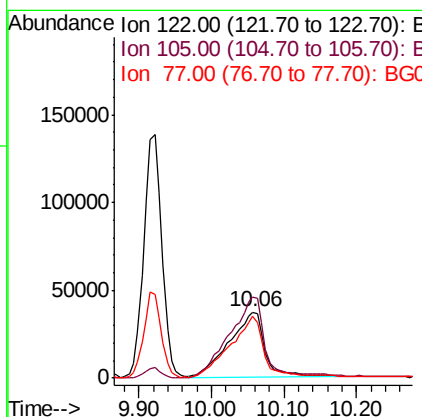
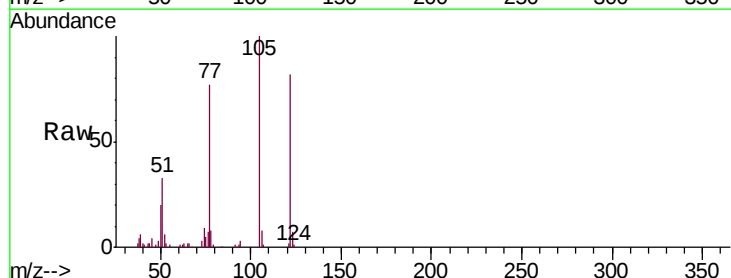
Instrument :
BNA_G
ClientSampleId :
PB126104BS

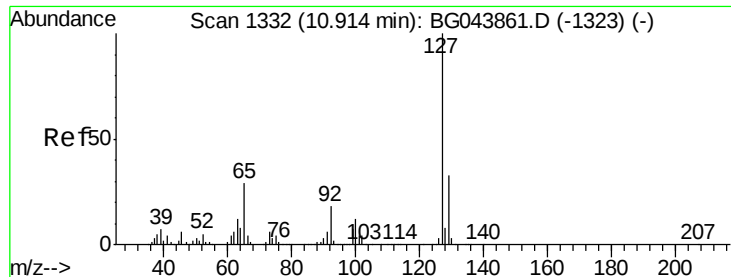
Tgt Ion:128 Resp: 723371
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.5 12.0 18.0



#32
Benzoic acid
Concen: 35.496 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:122 Resp: 125457
Ion Ratio Lower Upper
122 100
105 122.1 106.4 146.4
77 93.6 74.6 114.6

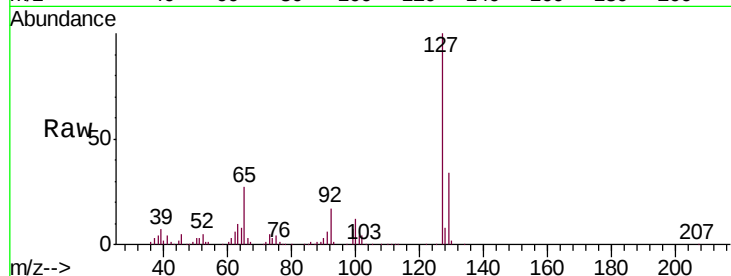




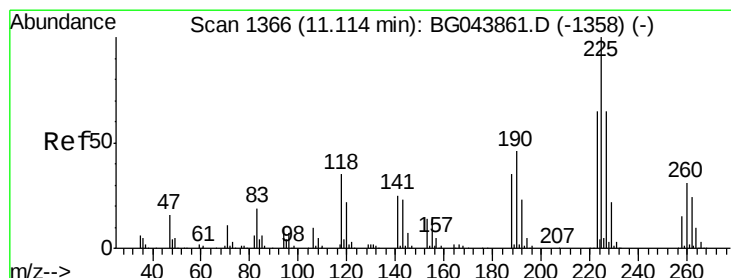
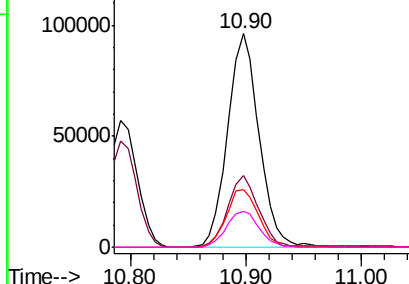
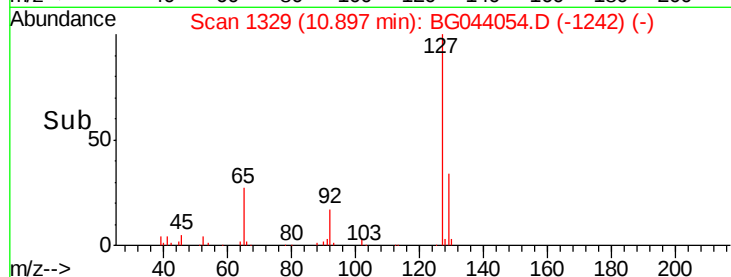
#33
4-Chloroaniline
Concen: 22.706 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampled :
PB126104BS

Tgt Ion:	127	Resp:	182130
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	27.1	23.3	34.9
92	17.1	14.7	22.1

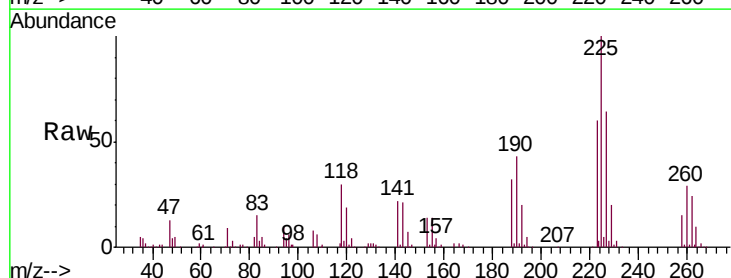


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

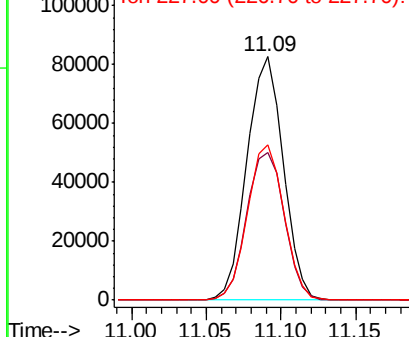
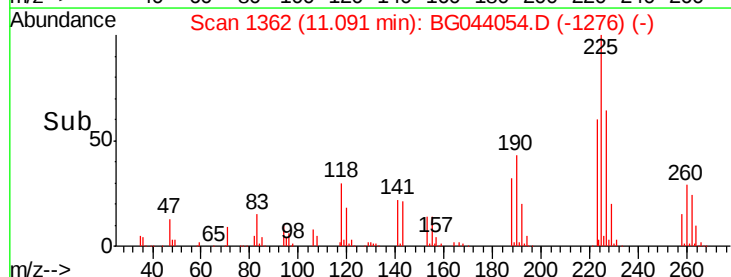


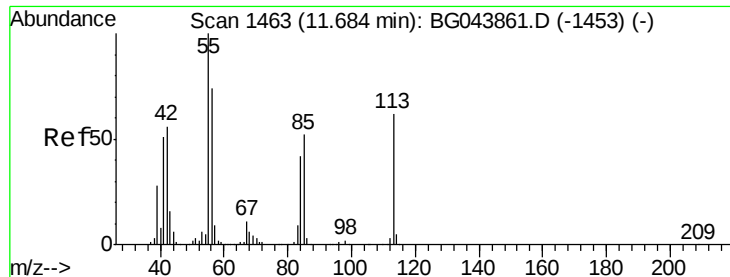
#34
Hexachlorobutadiene
Concen: 37.173 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:	225	Resp:	139095
Ion	Ratio	Lower	Upper
225	100		
223	60.5	52.2	78.4
227	64.0	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.235 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

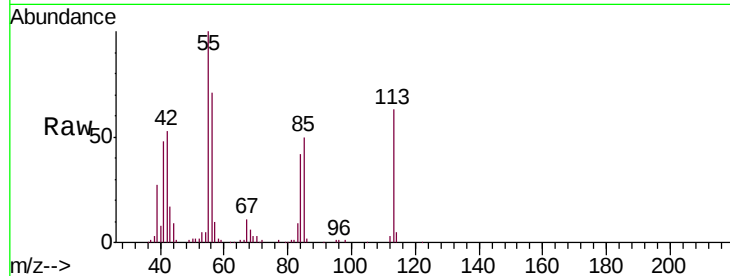
Tgt Ion:113 Resp: 63556

Ion Ratio Lower Upper

113 100

55 159.1 142.5 182.5

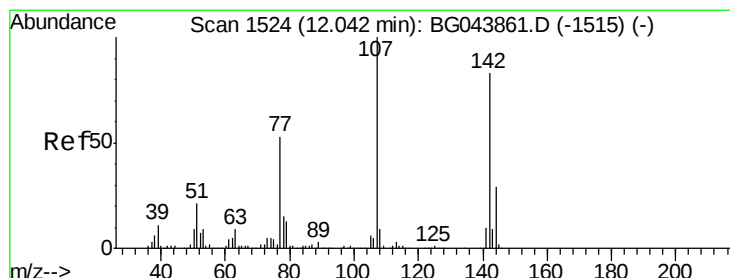
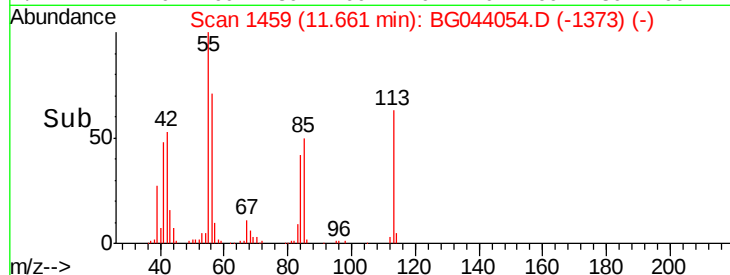
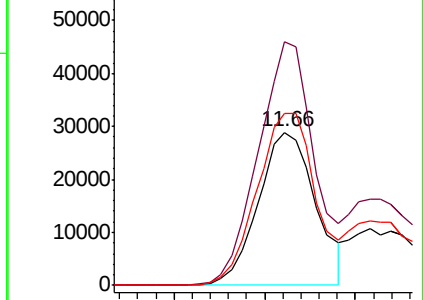
56 112.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.815 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

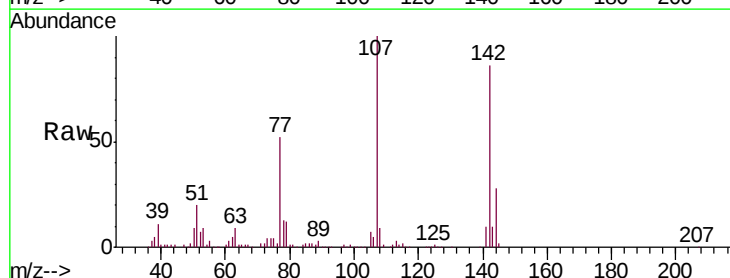
Tgt Ion:107 Resp: 266585

Ion Ratio Lower Upper

107 100

144 27.9 23.4 35.2

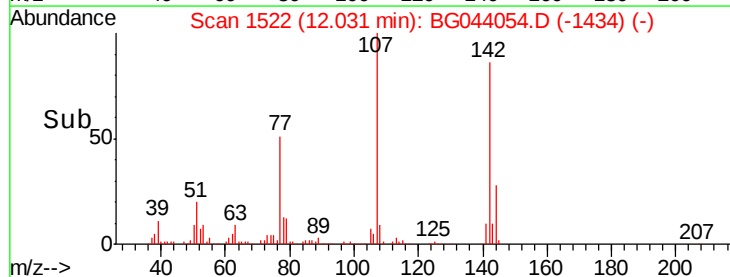
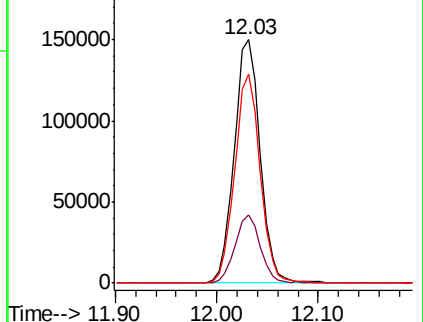
142 85.9 66.3 99.5

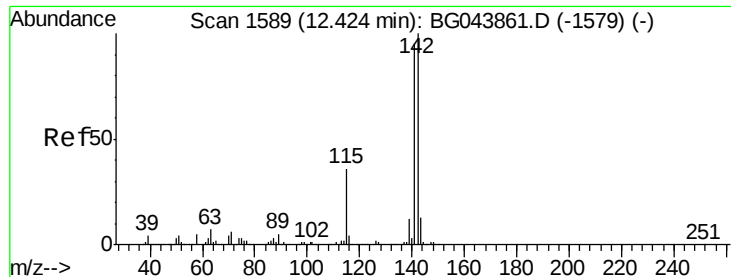


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.901 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

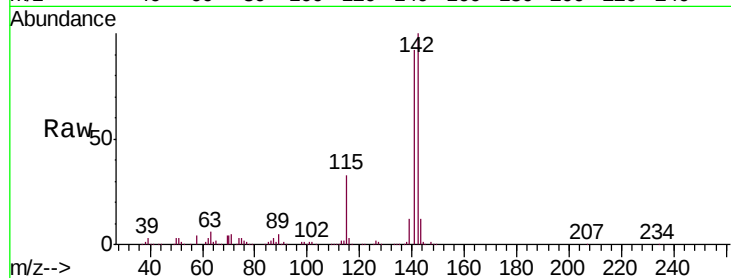
Tgt Ion:142 Resp: 543179

Ion Ratio Lower Upper

142 100

141 91.6 75.8 113.8

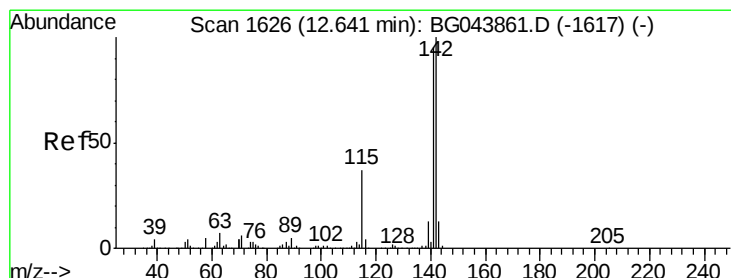
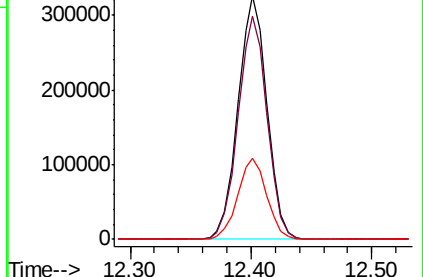
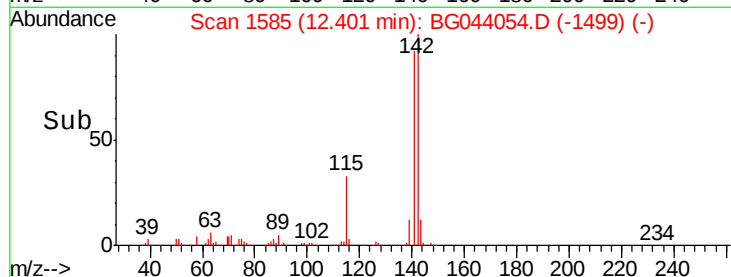
115 33.4 28.6 42.8



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: 42.693 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

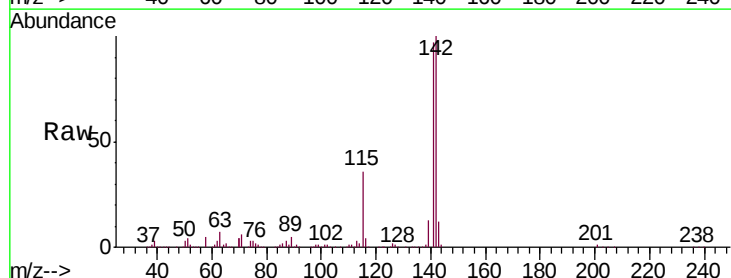
Tgt Ion:142 Resp: 512300

Ion Ratio Lower Upper

142 100

141 96.9 76.0 114.0

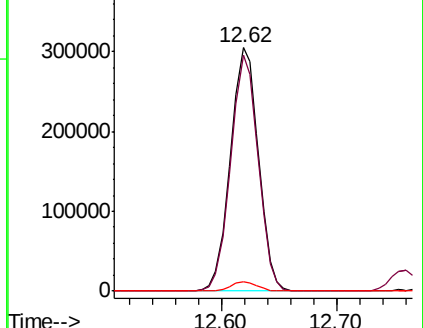
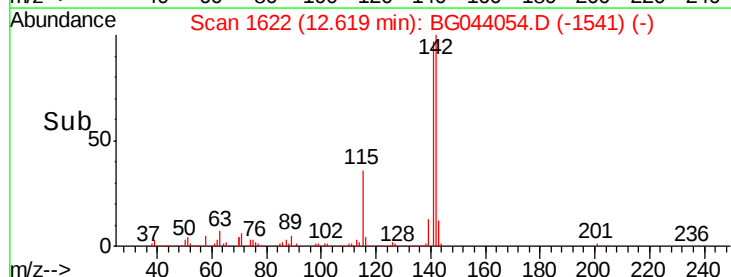
116 3.8 3.1 4.7

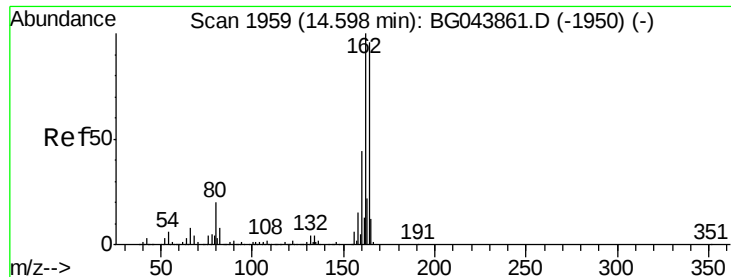


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

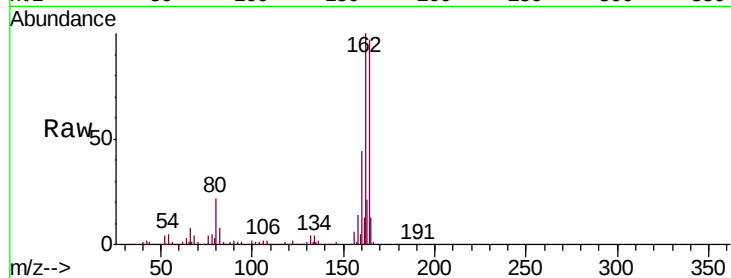
Tgt Ion:164 Resp: 234243

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

160 45.9 36.1 54.1

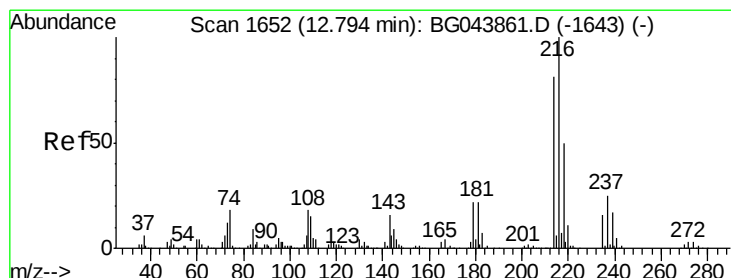
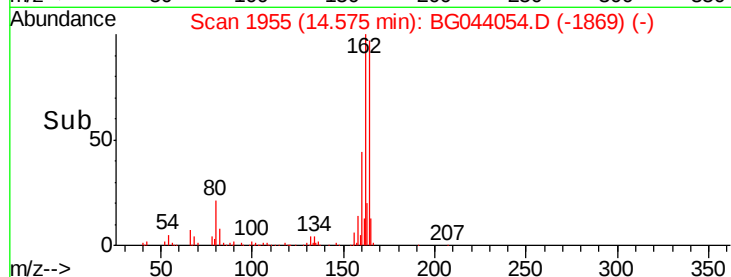
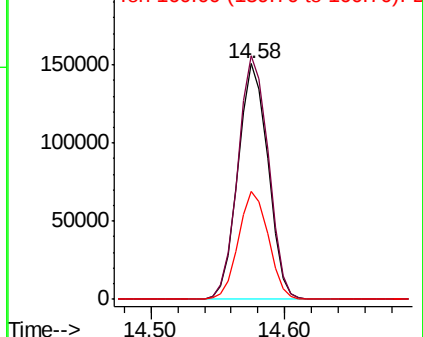


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.310 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Tgt Ion:216 Resp: 256157

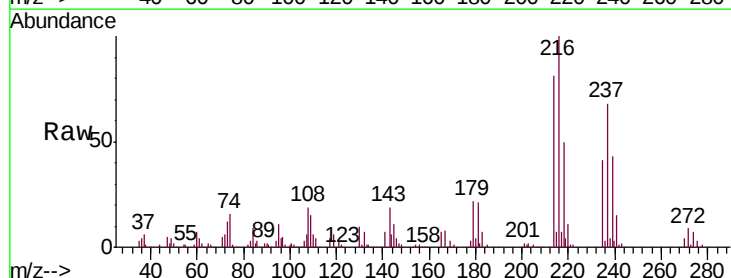
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 21.6 17.3 25.9

108 20.2 15.3 22.9



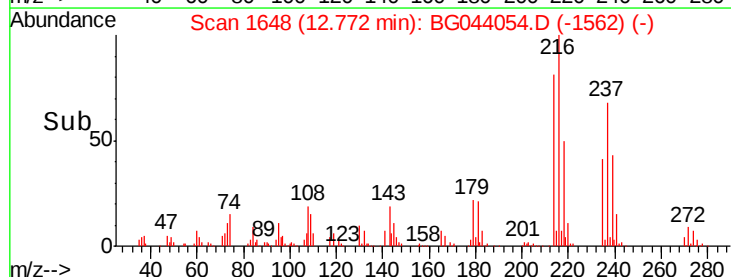
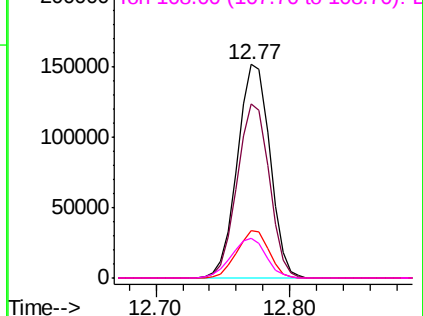
Abundance

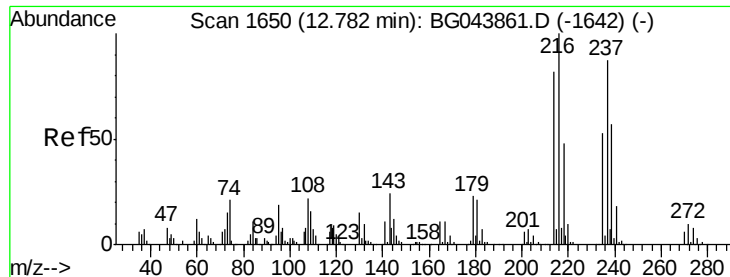
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.998 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

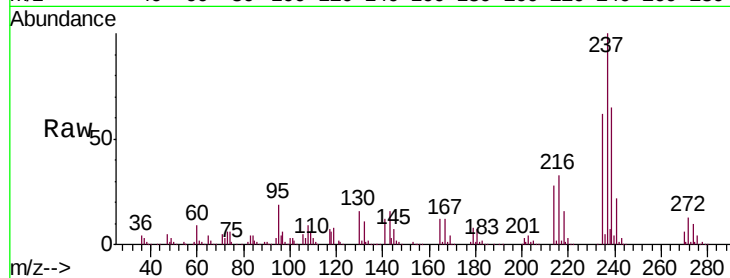
Tgt Ion: 237 Resp: 345256

Ion Ratio Lower Upper

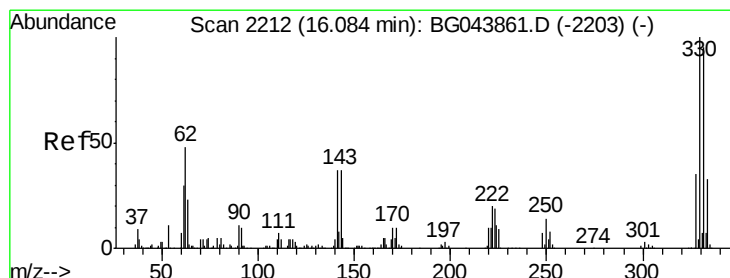
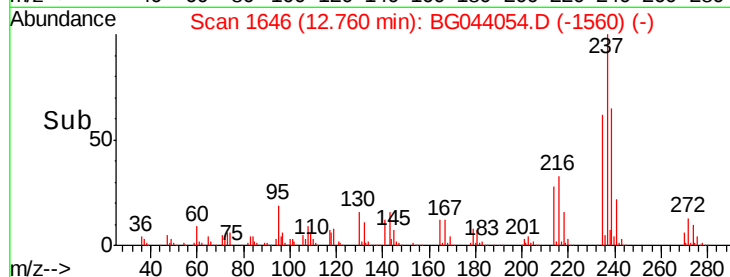
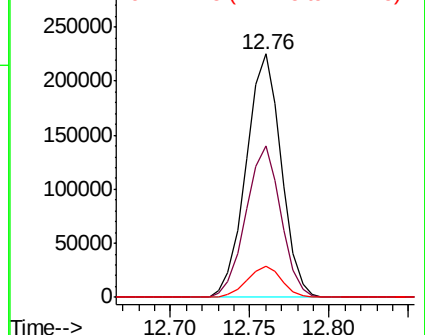
237 100

235 62.0 41.1 81.1

272 13.0 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.164 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

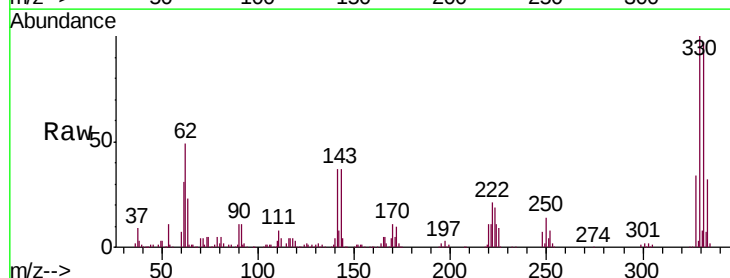
Tgt Ion: 330 Resp: 213665

Ion Ratio Lower Upper

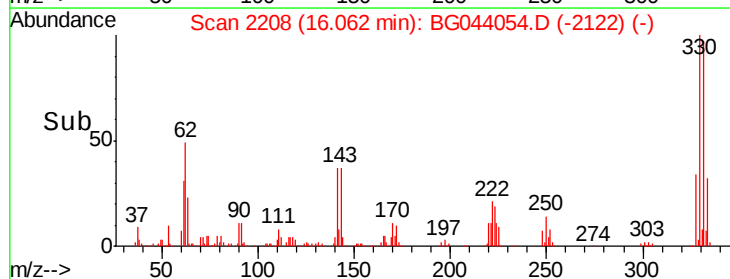
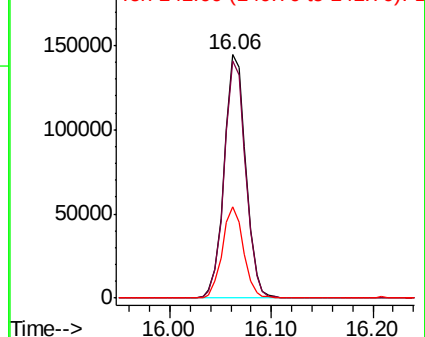
330 100

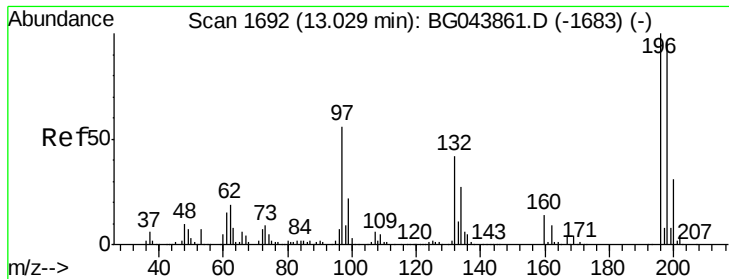
332 97.1 77.2 115.8

141 36.9 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

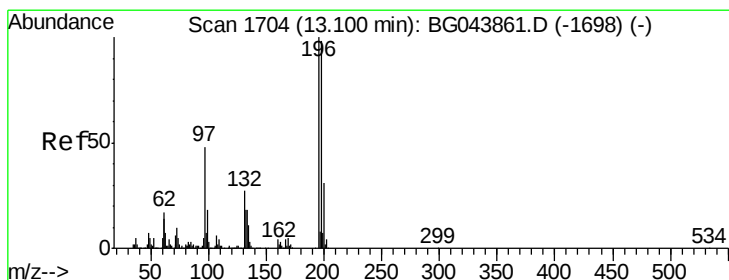
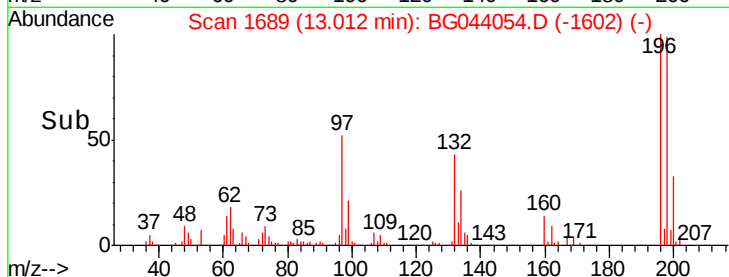
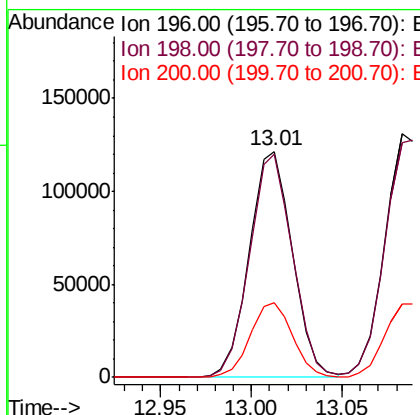
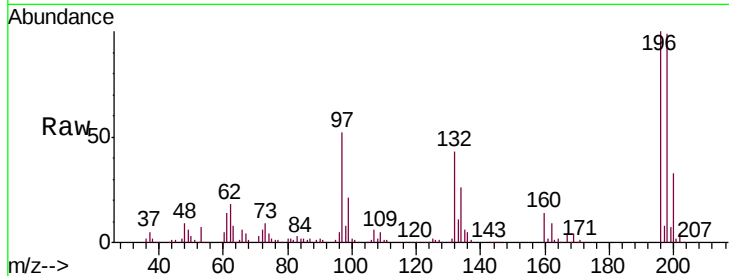




#43
 2,4,6-Trichlorophenol
 Concen: 42.473 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

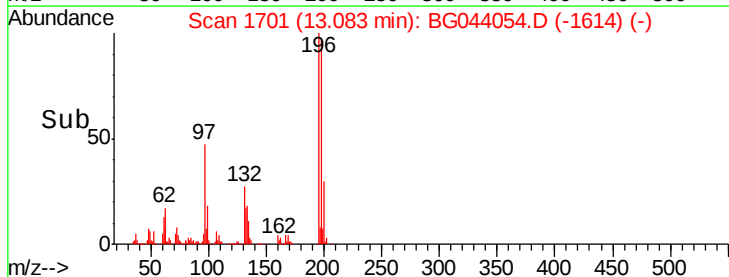
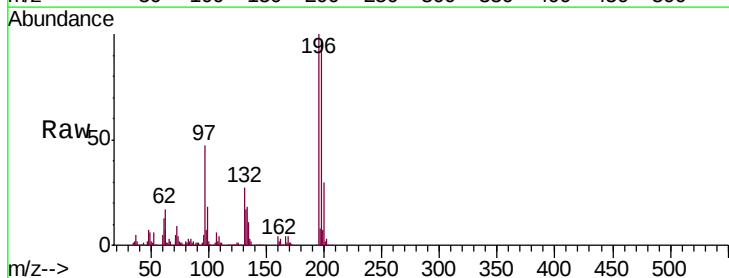
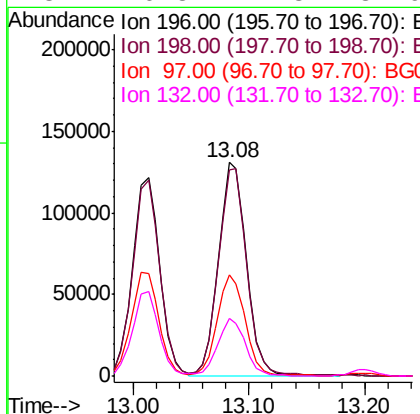
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

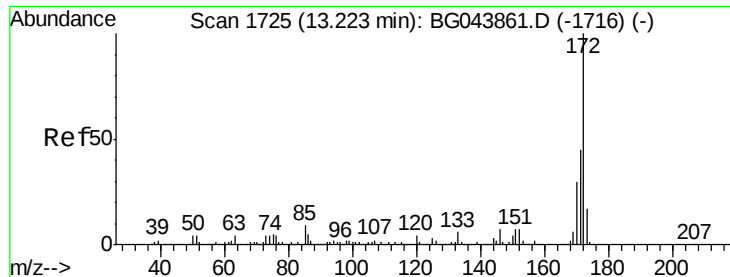
Tgt Ion:196 Resp: 200650
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.6 115.0
 200 32.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.821 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion:196 Resp: 218385
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.3 117.5
 97 47.3 38.8 58.2
 132 26.8 21.3 31.9

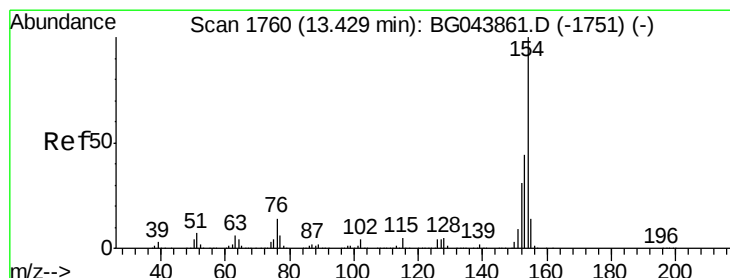
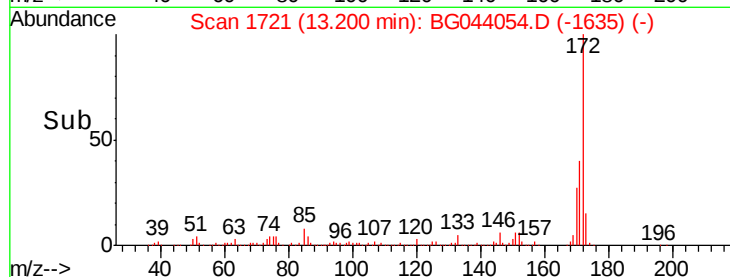
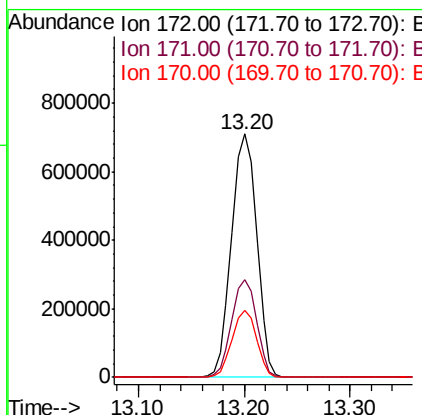
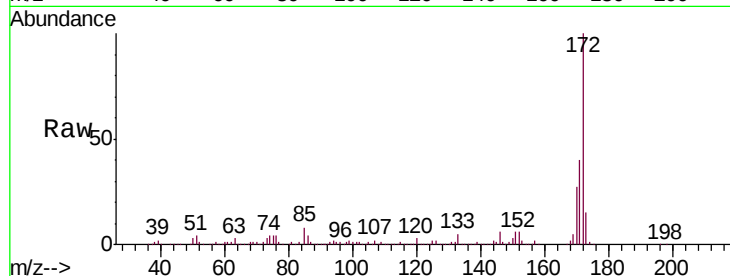




#45
2-Fluorobiphenyl
Concen: 90.592 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

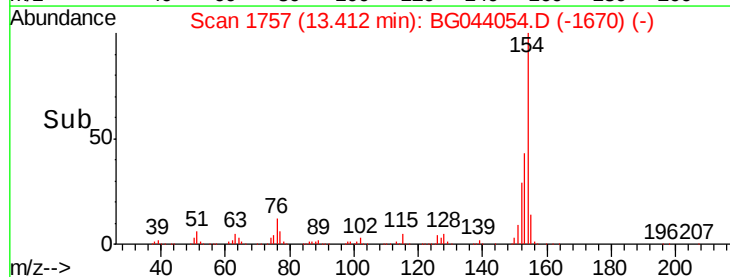
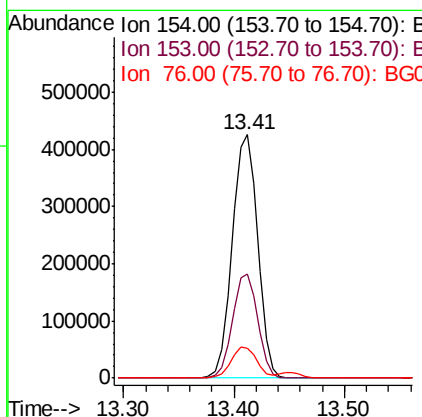
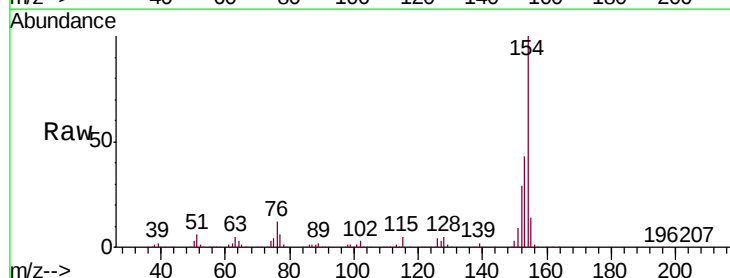
Instrument :
BNA_G
ClientSampleId :
PB126104BS

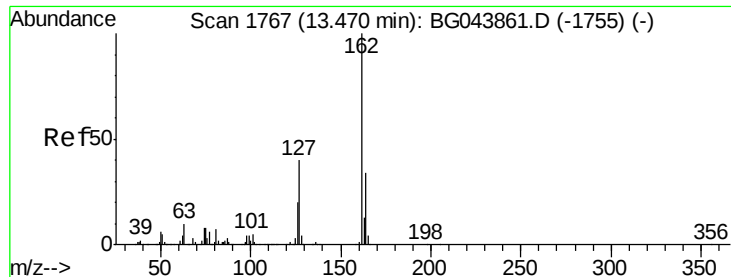
Tgt Ion:172 Resp: 1171264
Ion Ratio Lower Upper
172 100
171 40.3 35.8 53.8
170 27.3 24.2 36.4



#46
1,1'-Biphenyl
Concen: 41.031 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:154 Resp: 689118
Ion Ratio Lower Upper
154 100
153 42.7 23.6 63.6
76 12.4 0.0 34.4

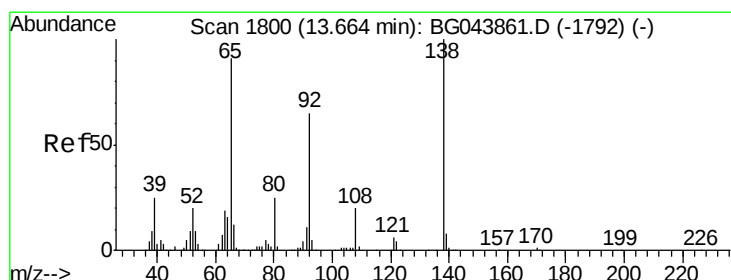
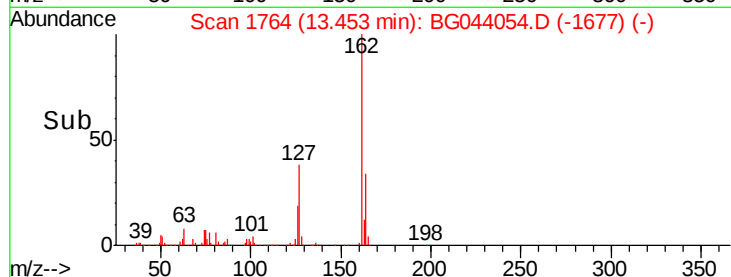
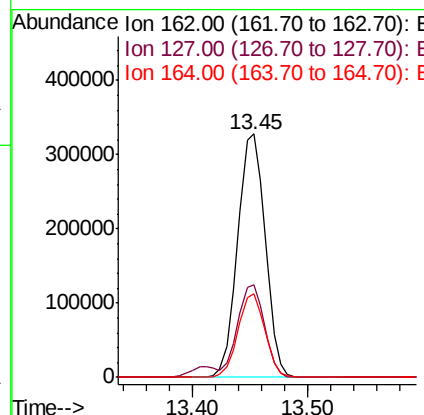
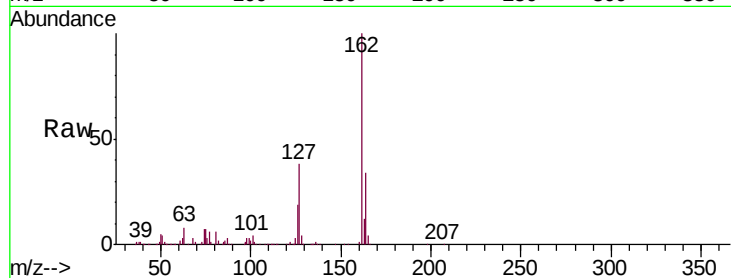




#47
 2-Chloronaphthalene
 Concen: 39.985 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

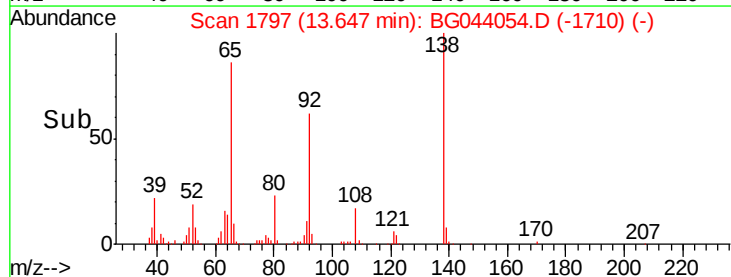
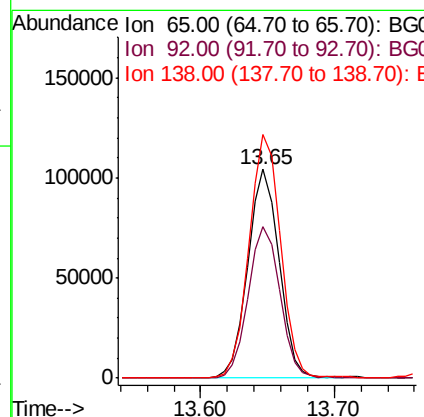
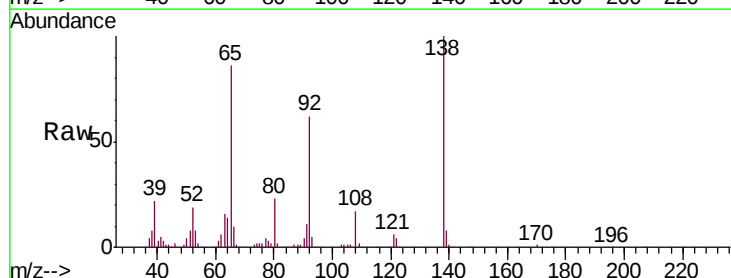
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

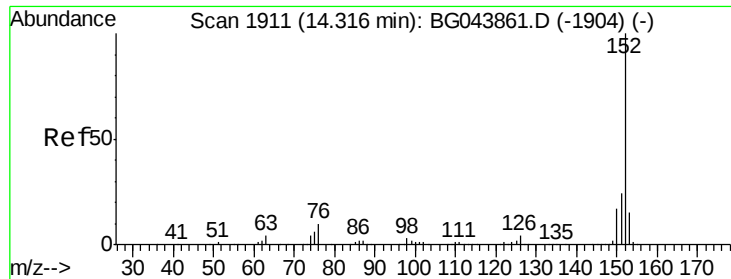
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.1	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.590 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.4	86.2
138	116.7	88.2	132.4





#49

Acenaphthylene

Concen: 44.820 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

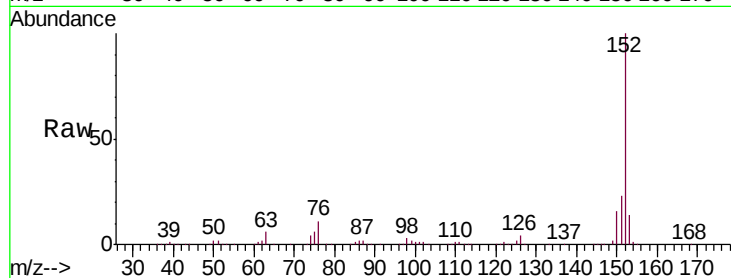
Tgt Ion:152 Resp: 874270

Ion Ratio Lower Upper

152 100

151 22.9 19.4 29.2

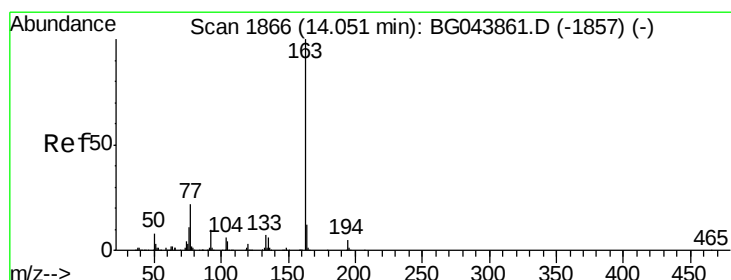
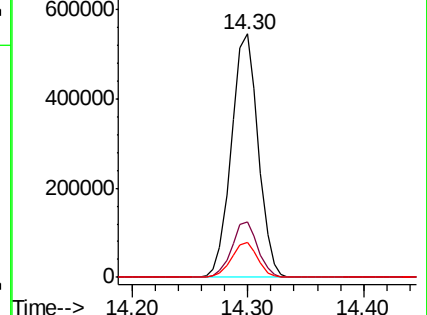
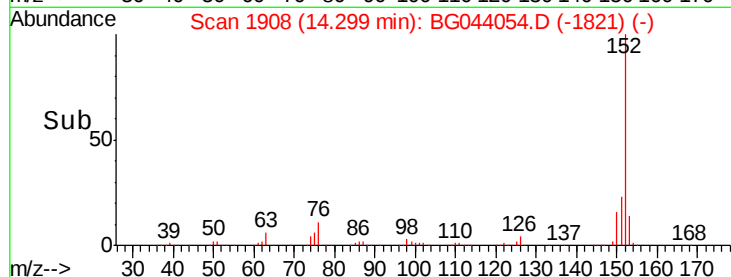
153 14.2 12.0 18.0



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: 43.167 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

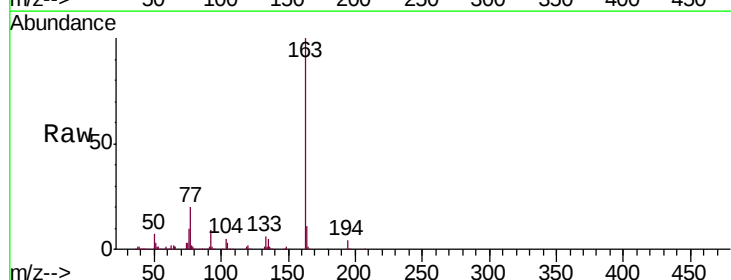
Tgt Ion:163 Resp: 717965

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

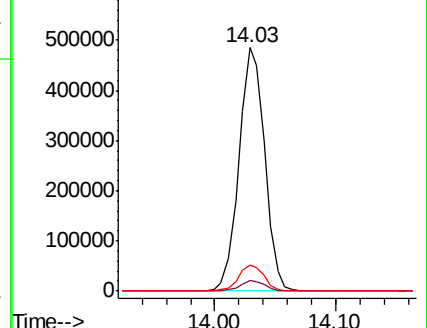
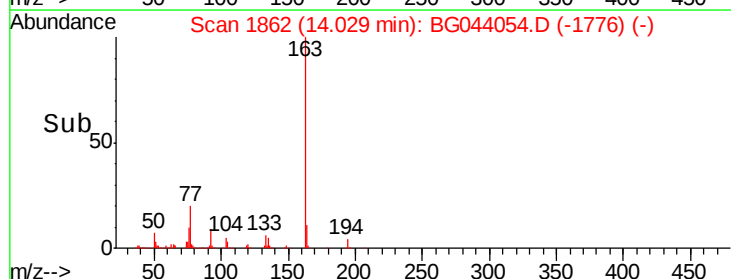
164 10.7 9.3 13.9

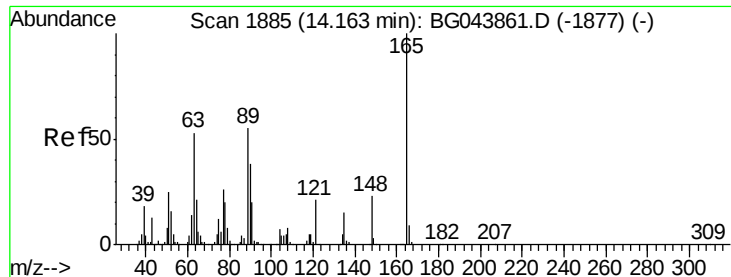


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.557 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

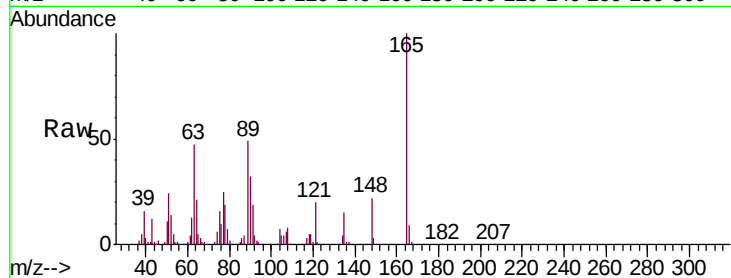
Tgt Ion:165 Resp: 163742

Ion Ratio Lower Upper

165 100

63 47.3 43.1 64.7

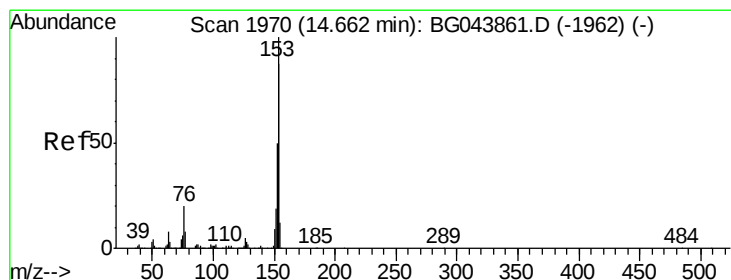
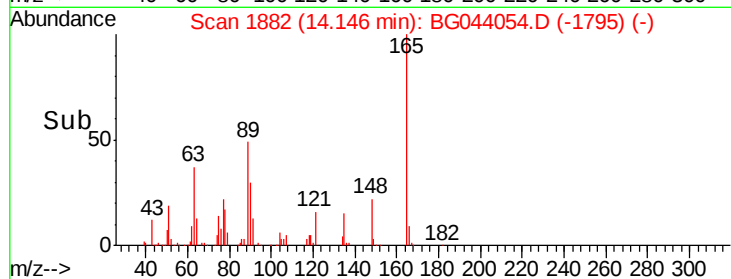
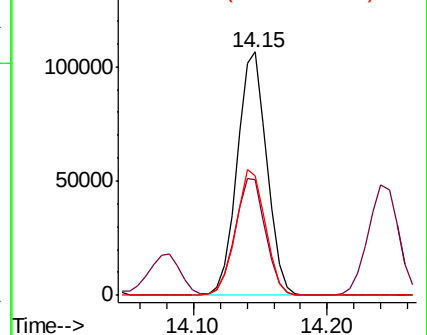
89 49.1 43.8 65.6



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: 40.116 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

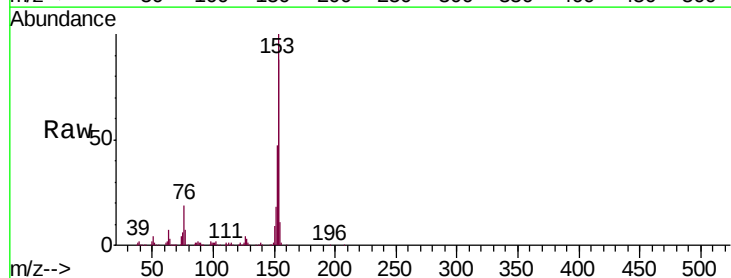
Tgt Ion:154 Resp: 548759

Ion Ratio Lower Upper

154 100

153 113.4 91.6 137.4

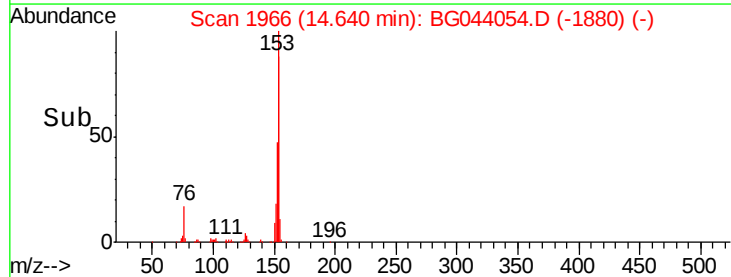
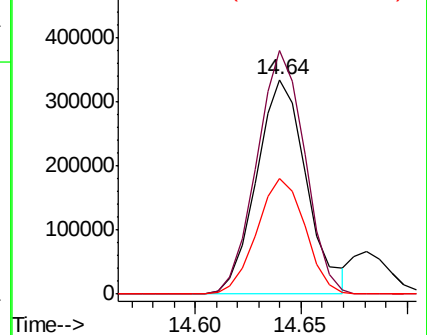
152 53.8 45.4 68.0

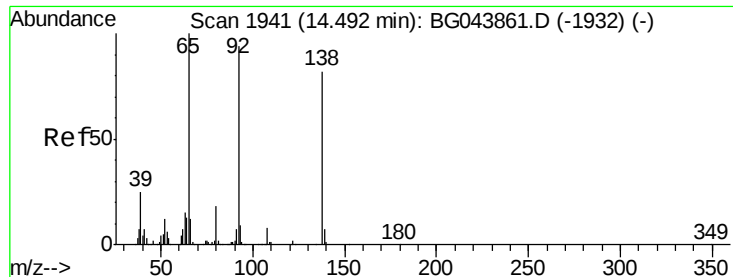


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

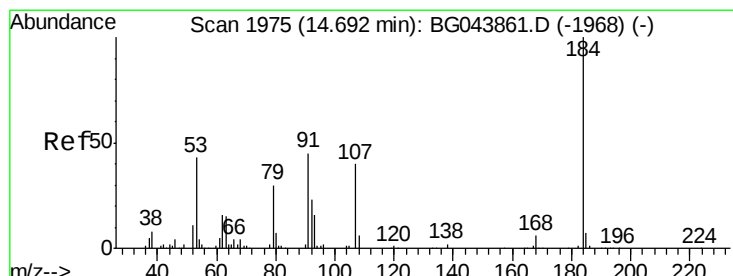
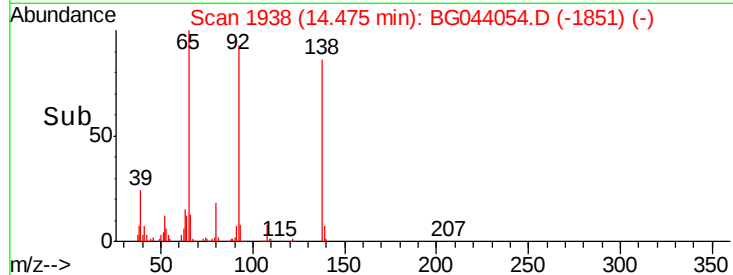
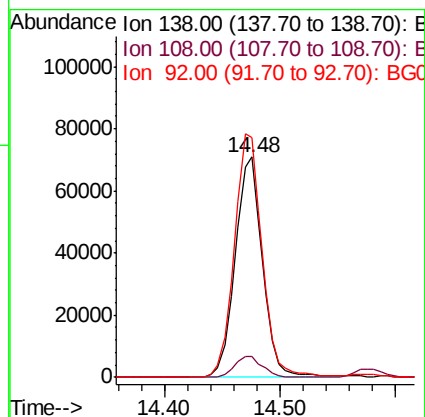
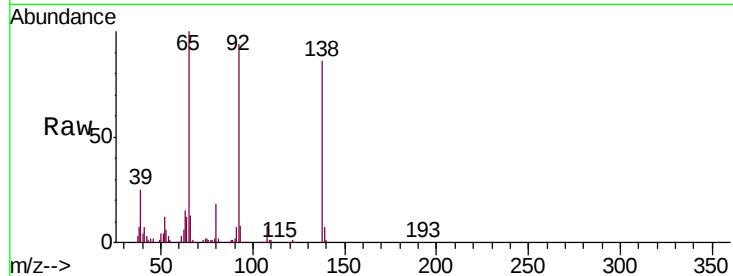




#53
3-Nitroaniline
Concen: 27.078 ng
RT: 14.48 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

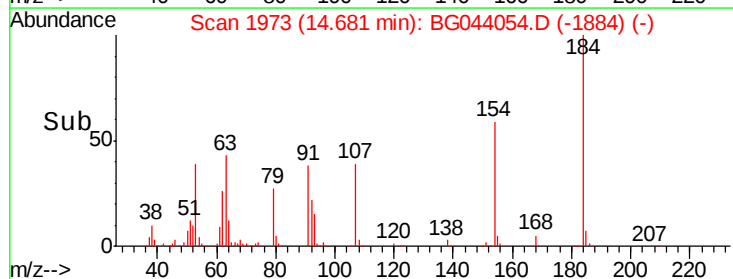
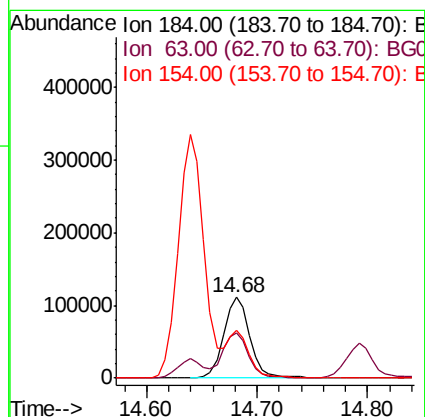
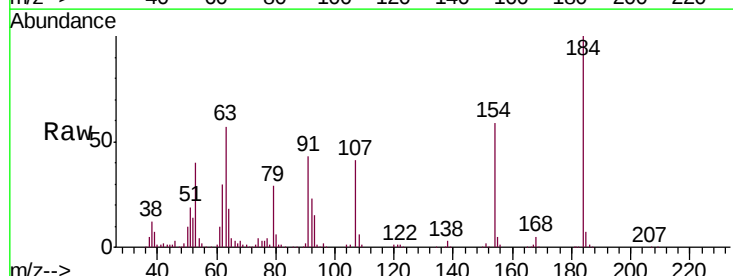
Instrument :
BNA_G
ClientSampleId :
PB126104BS

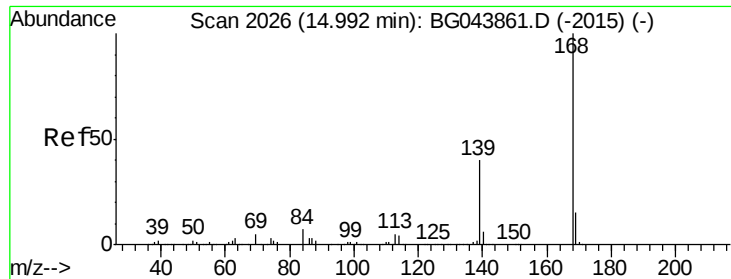
Tgt Ion:138 Resp: 115595
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 108.9 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 95.170 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:184 Resp: 184404
Ion Ratio Lower Upper
184 100
63 56.5 46.6 70.0
154 59.4 50.2 75.4

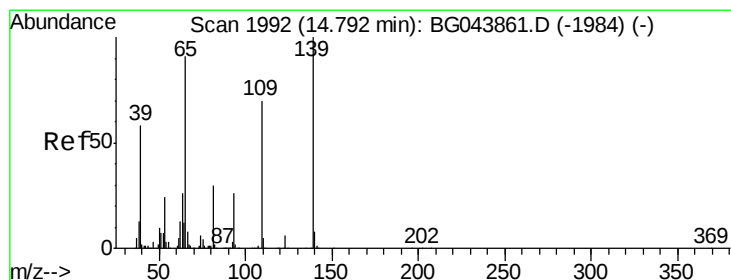
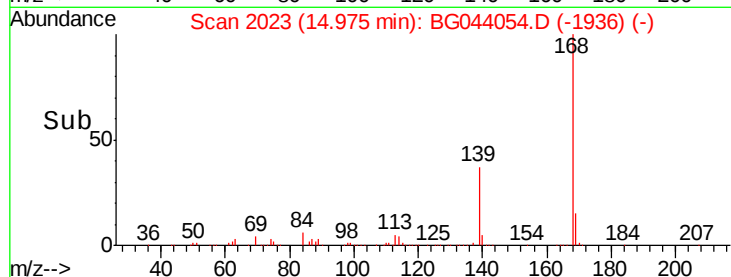
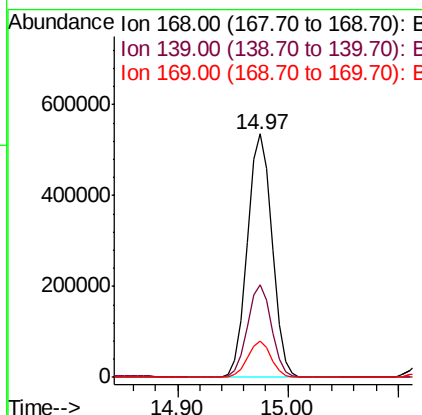
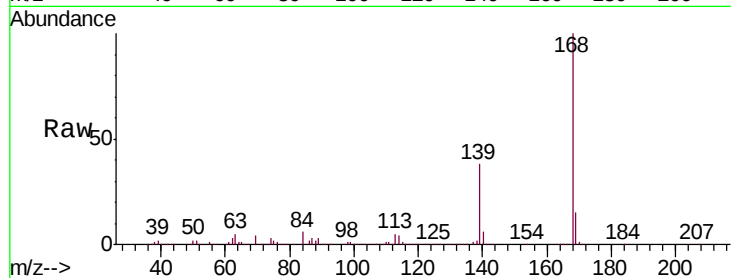




#55
Dibenzenofuran
Concen: 44.665 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

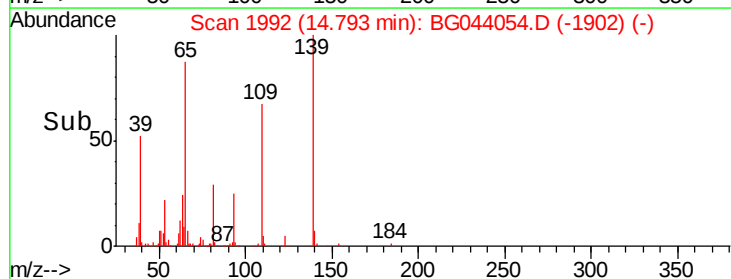
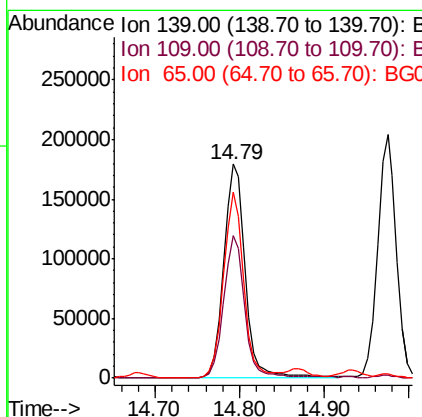
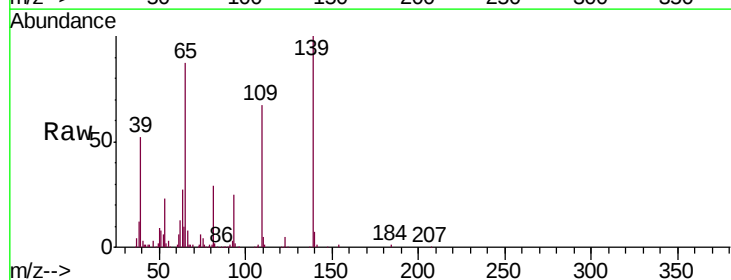
Instrument :
BNA_G
ClientSampleId :
PB126104BS

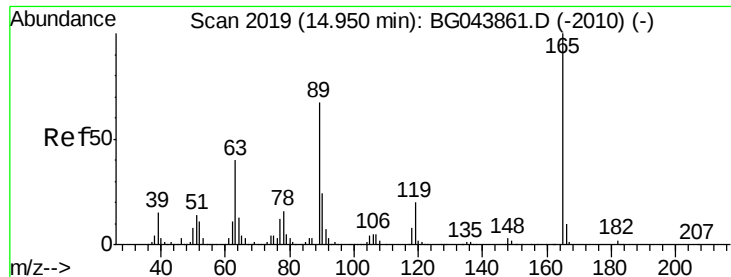
Tgt Ion:168 Resp: 841101
Ion Ratio Lower Upper
168 100
139 38.1 32.2 48.2
169 14.7 12.2 18.2



#56
4-Nitrophenol
Concen: 96.365 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:139 Resp: 315241
Ion Ratio Lower Upper
139 100
109 66.8 50.4 90.4
65 87.2 71.4 111.4

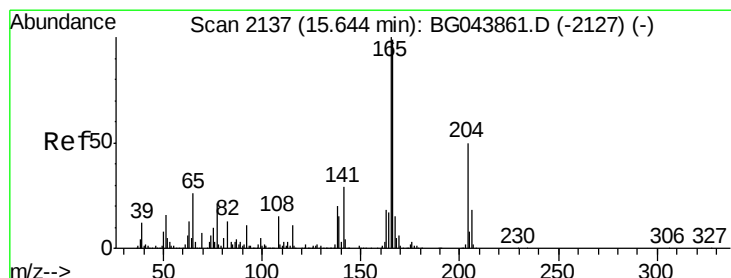
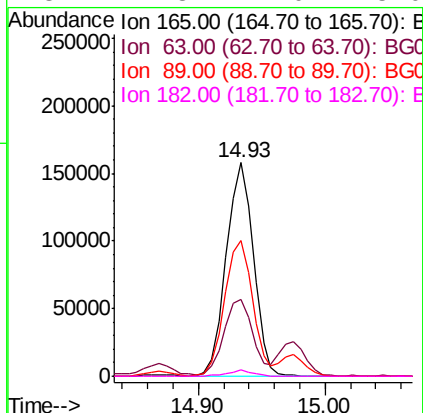
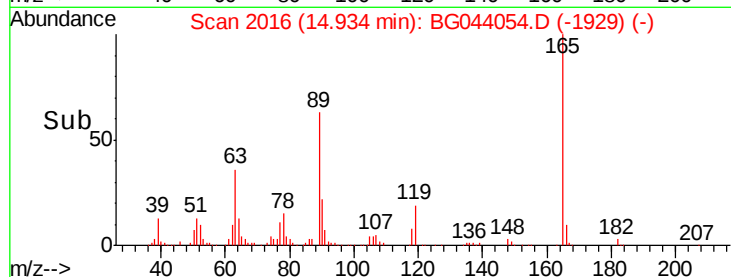
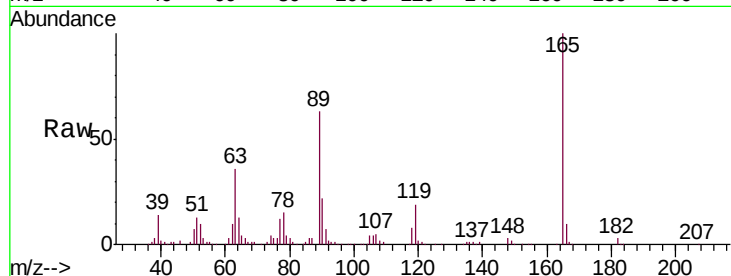




#57
2,4-Dinitrotoluene
Concen: 45.857 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

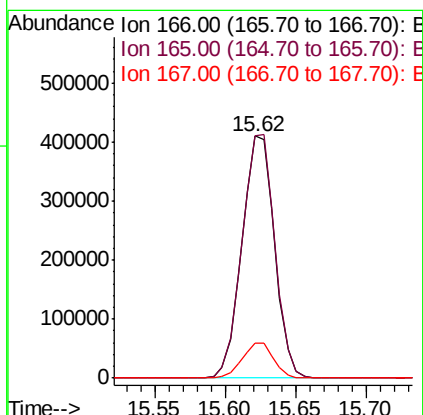
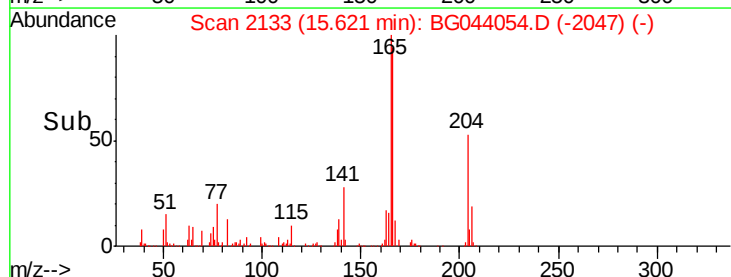
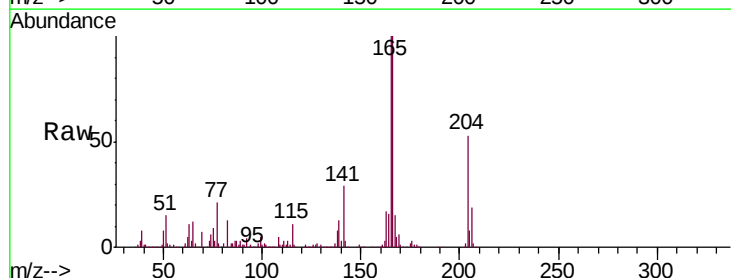
Instrument :
BNA_G
ClientSampleId :
PB126104BS

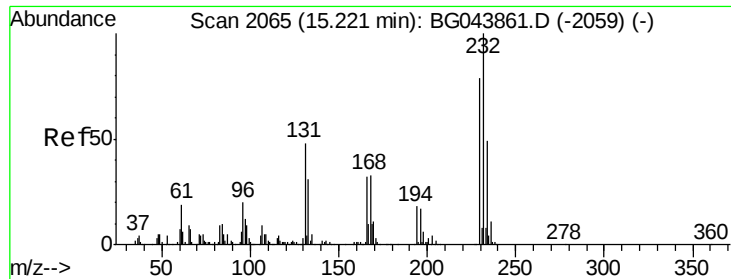
Tgt Ion:	165	Resp:	234568
Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.9	47.9
89	63.4	53.8	80.6
182	2.8	2.0	3.0



#58
Fluorene
Concen: 44.337 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:	166	Resp:	661756
Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	14.7	12.1	18.1

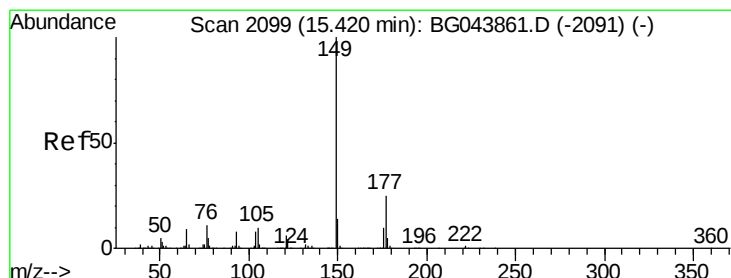
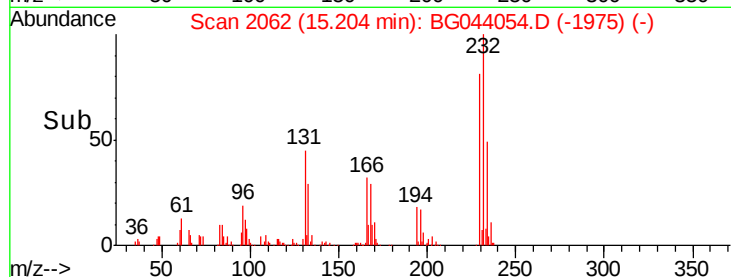
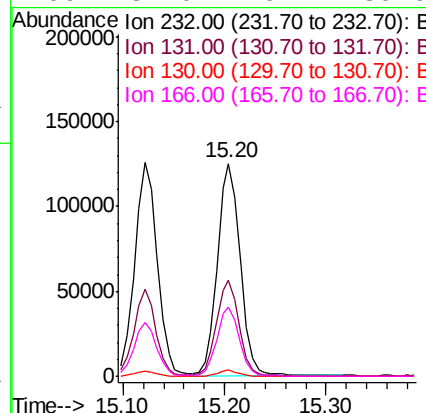
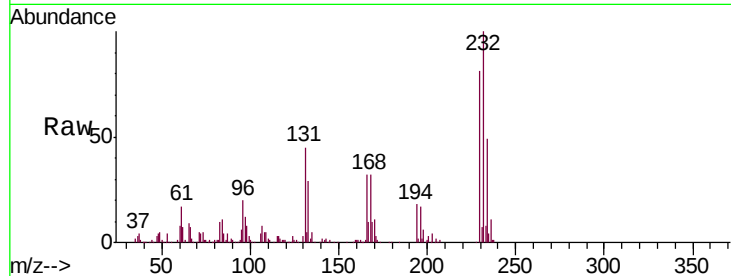




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.495 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

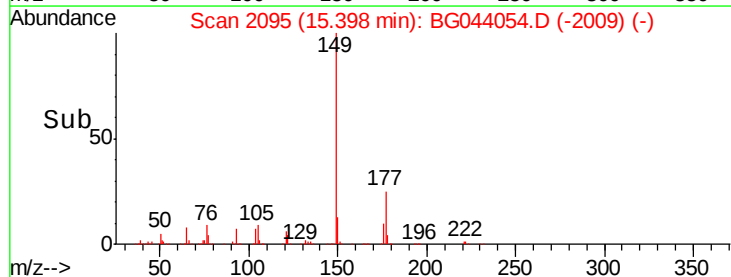
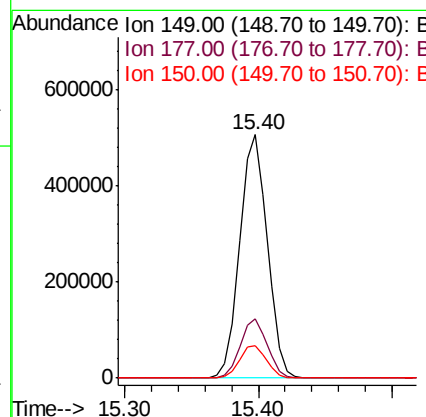
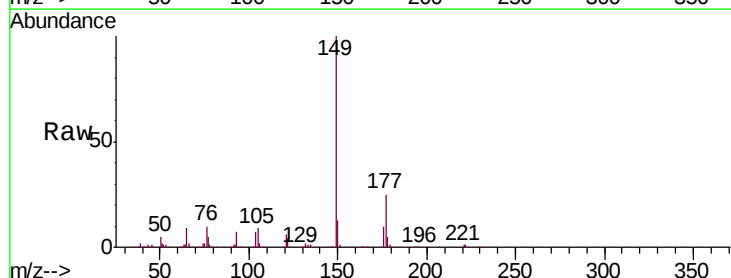
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

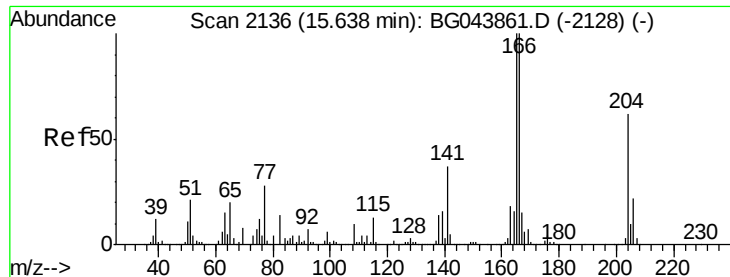
Tgt Ion:	232	Resp:	194799
Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.2	57.2
130	2.5	2.2	3.2
166	32.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 43.535 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion:	149	Resp:	724231
Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.0	30.0
150	13.2	11.1	16.7

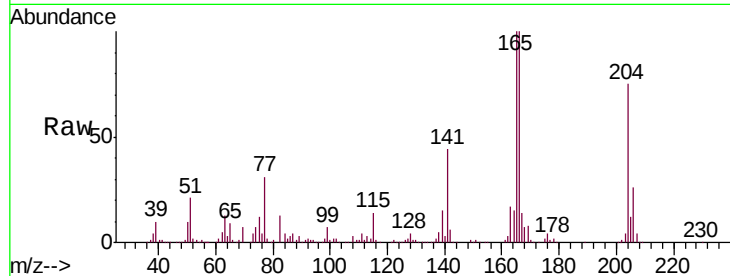




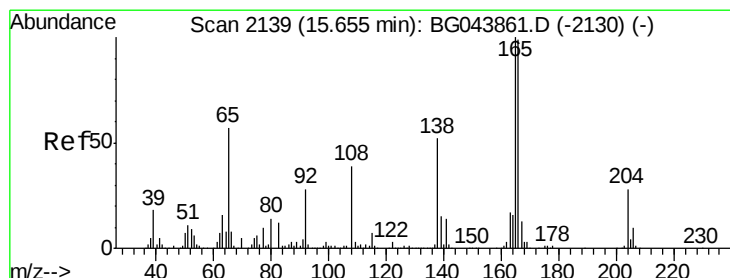
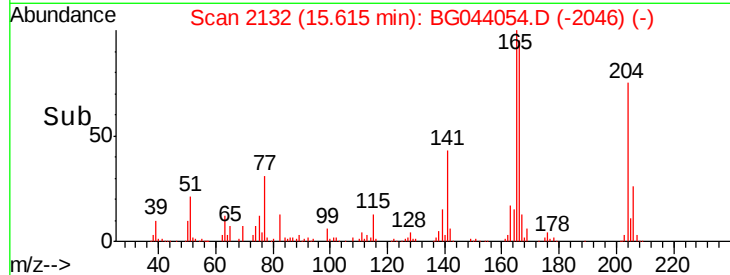
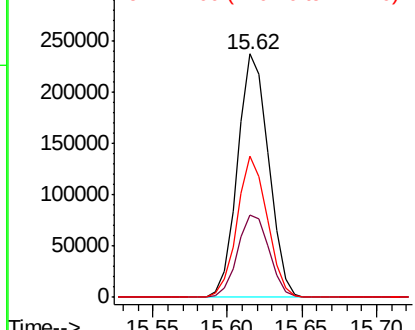
#61
4-Chlorophenyl-phenylether
Concen: 42.182 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion:204 Resp: 341869
Ion Ratio Lower Upper
204 100
206 34.0 28.2 42.2
141 58.1 48.2 72.2

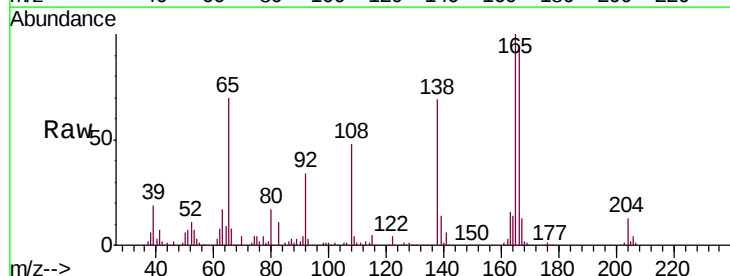


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

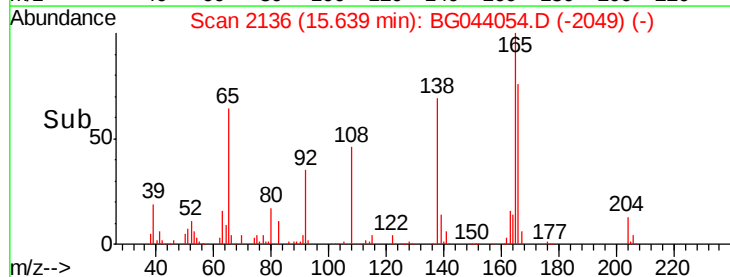
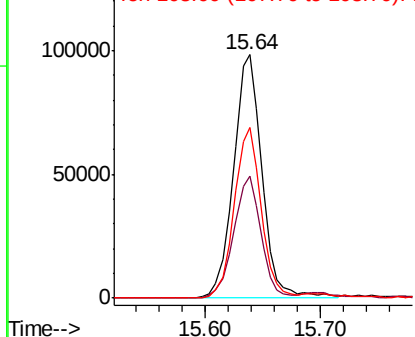


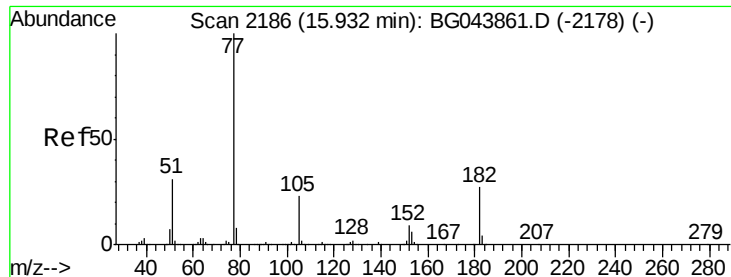
#62
4-Nitroaniline
Concen: 39.720 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:138 Resp: 167447
Ion Ratio Lower Upper
138 100
92 50.0 34.3 74.3
108 70.1 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: 42.482 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

Tgt Ion: 77 Resp: 655397

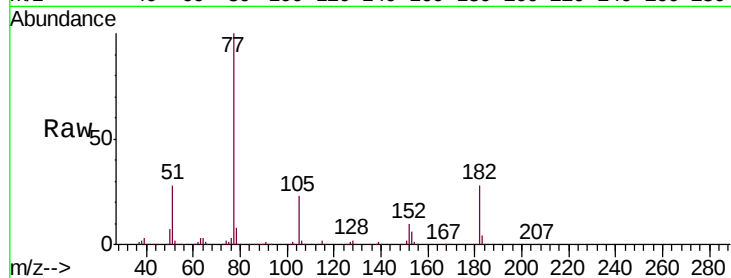
Ion Ratio Lower Upper

77 100

182 28.0 7.3 47.3

105 23.2 3.2 43.2

51 28.4 10.6 50.6

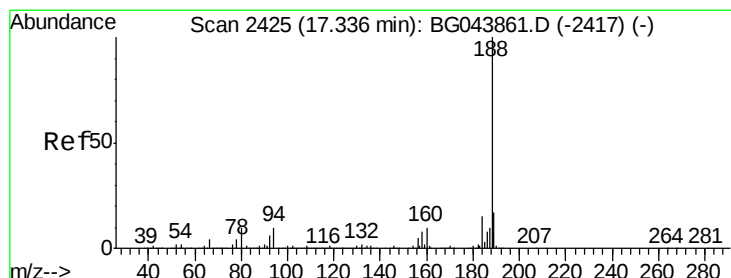
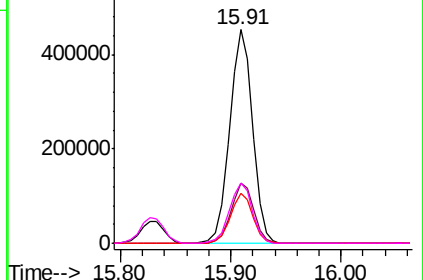
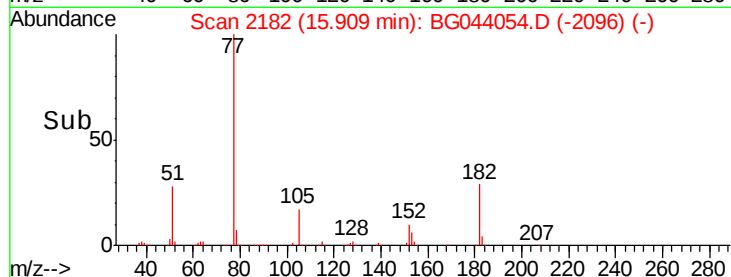


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

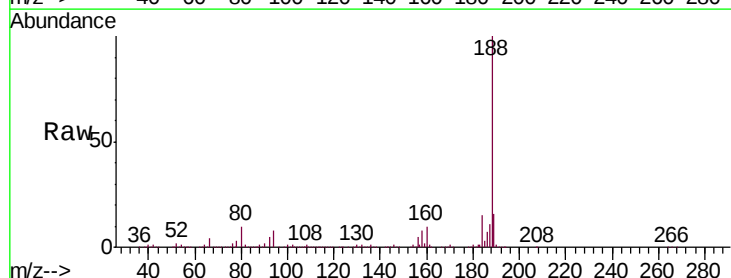
Tgt Ion: 188 Resp: 533489

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

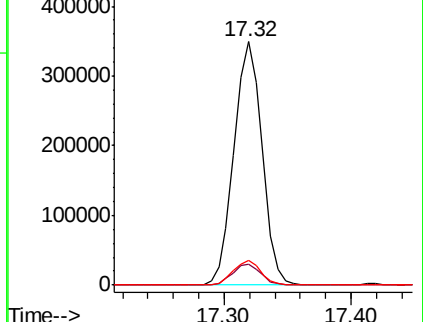
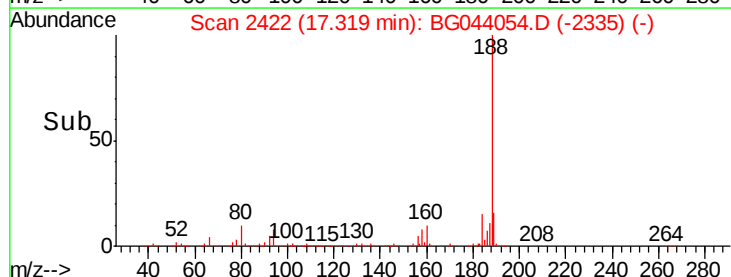
80 10.1 8.2 12.4

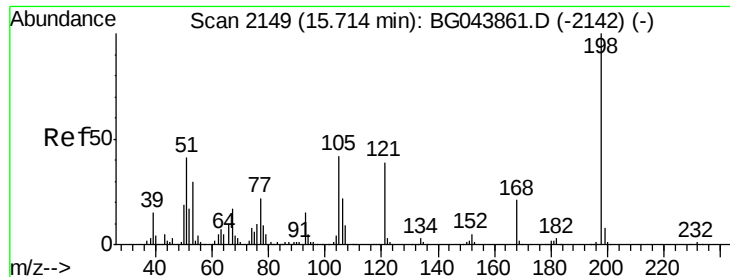


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

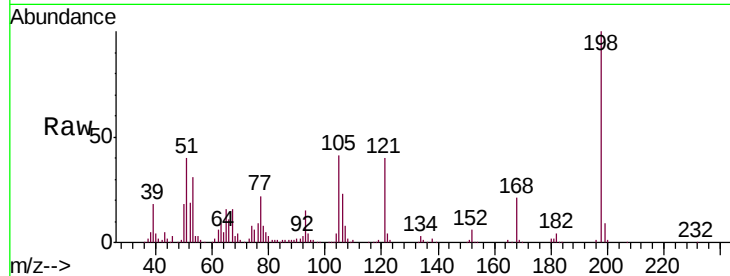




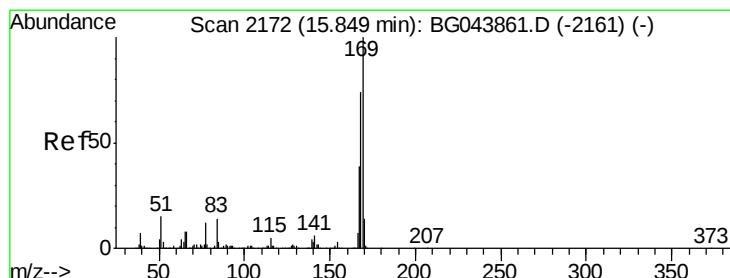
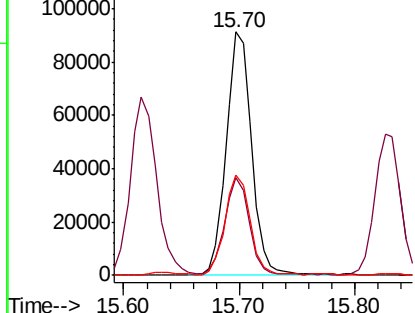
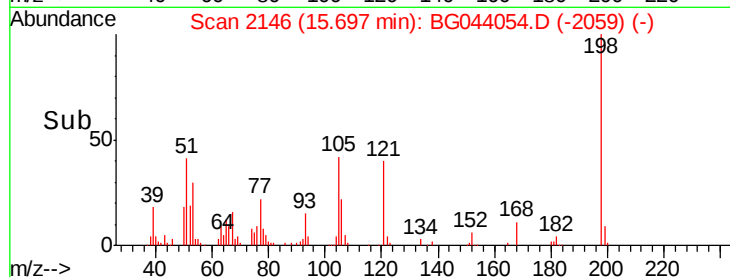
#65
4,6-Dinitro-2-methylphenol
Concen: 50.375 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion:198 Resp: 139121
Ion Ratio Lower Upper
198 100
51 40.4 22.5 62.5
105 41.3 22.3 62.3

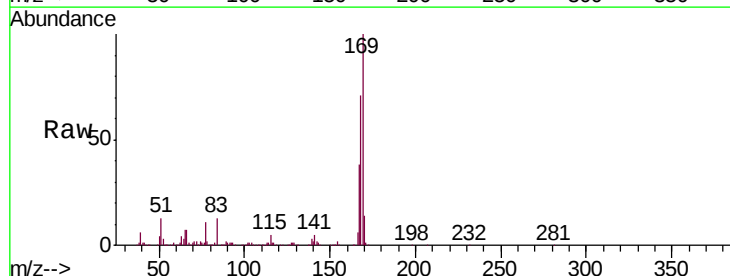


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

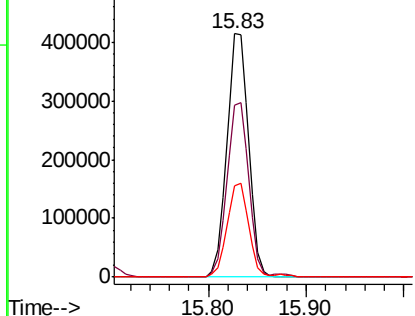
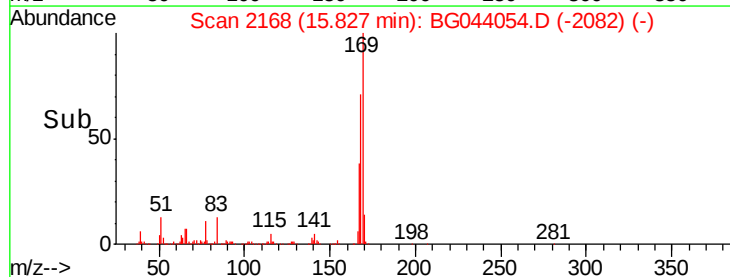


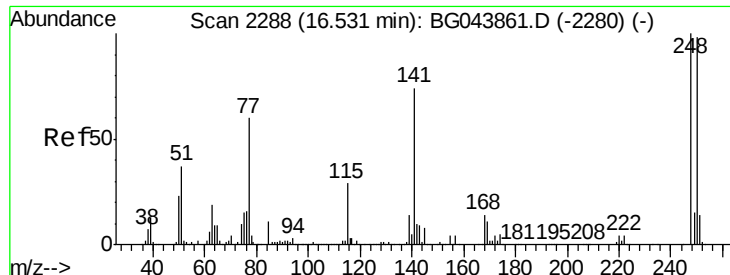
#66
n-Nitrosodiphenylamine
Concen: 40.579 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:169 Resp: 637524
Ion Ratio Lower Upper
169 100
168 70.9 59.0 88.6
167 37.5 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

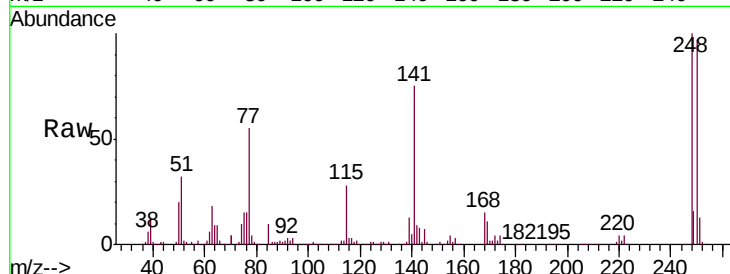




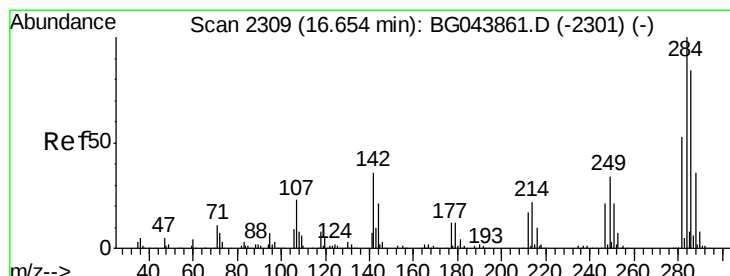
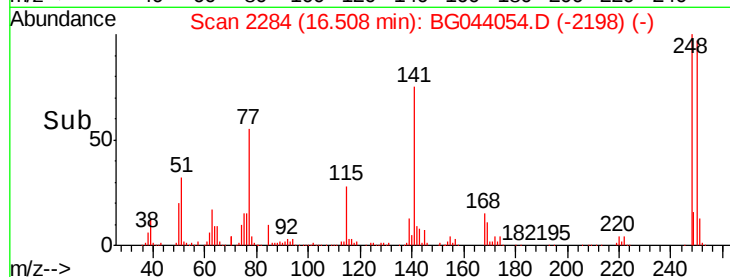
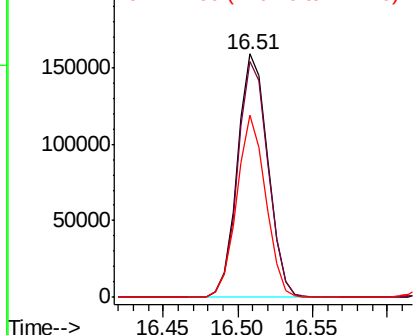
#67
4-Bromophenyl-phenylether
Concen: 37.380 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion:248 Resp: 224283
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.2
141 75.0 59.3 88.9

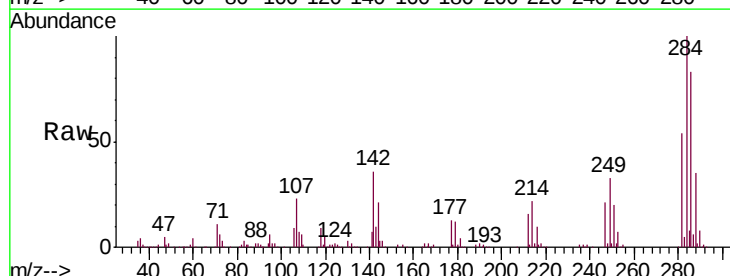


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

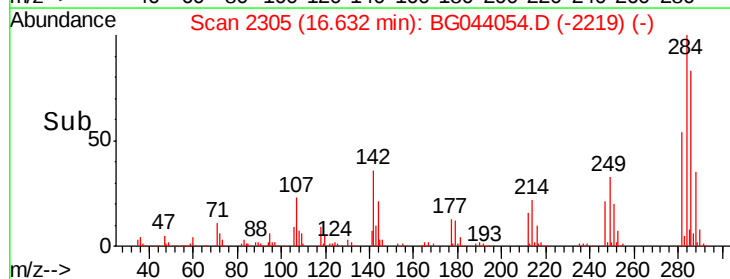
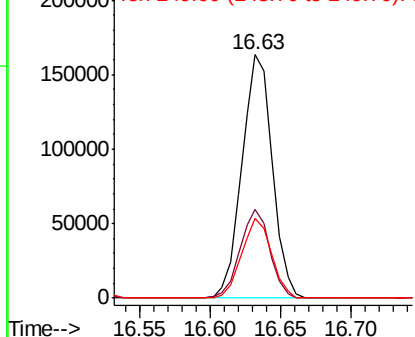


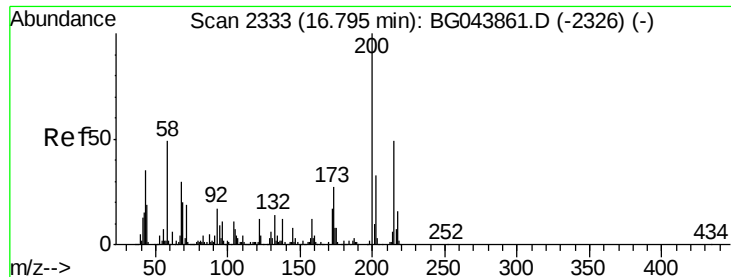
#68
Hexachlorobenzene
Concen: 37.935 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:284 Resp: 245261
Ion Ratio Lower Upper
284 100
142 36.3 28.6 43.0
249 32.7 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: 48.092 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

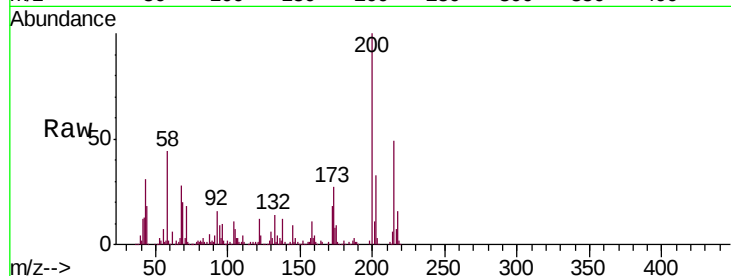
Tgt Ion:200 Resp: 245597

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

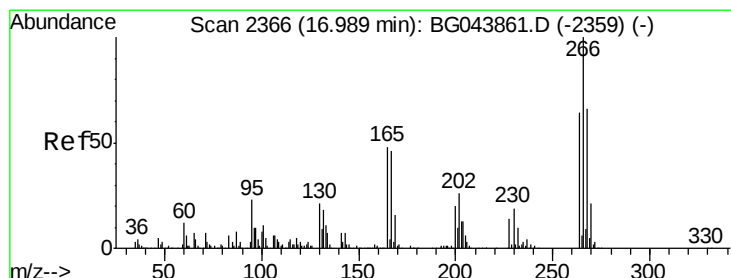
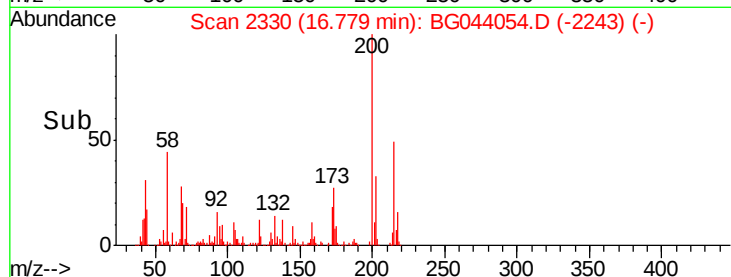
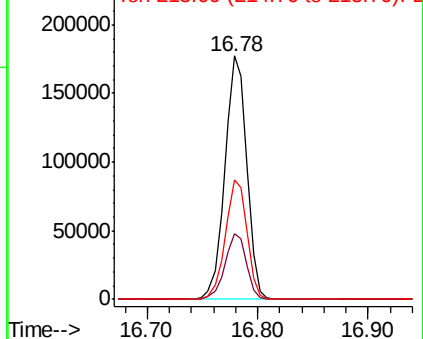
215 49.1 28.6 68.6



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: 81.865 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

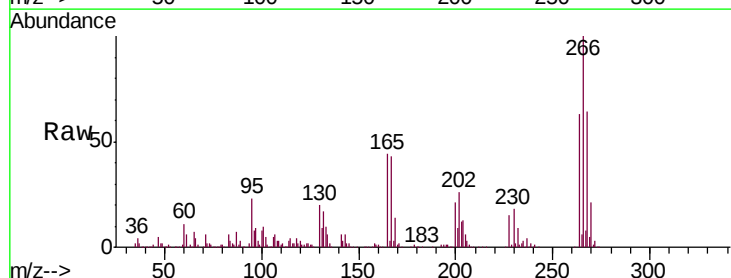
Tgt Ion:266 Resp: 291768

Ion Ratio Lower Upper

266 100

268 63.8 52.6 79.0

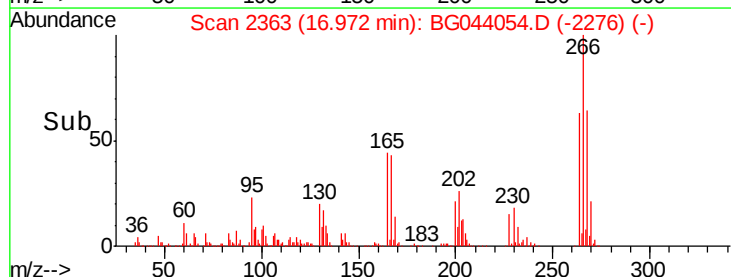
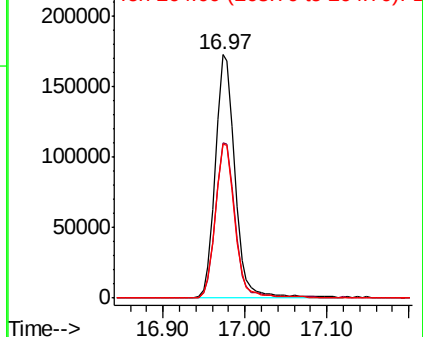
264 63.1 50.8 76.2

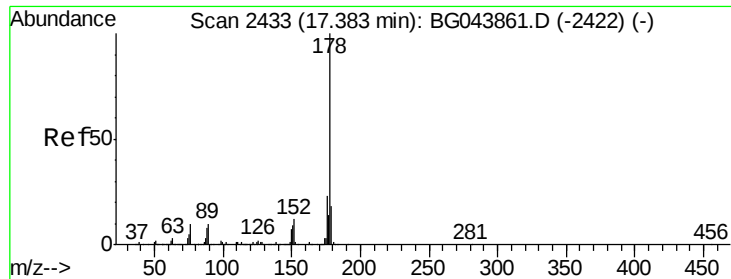


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

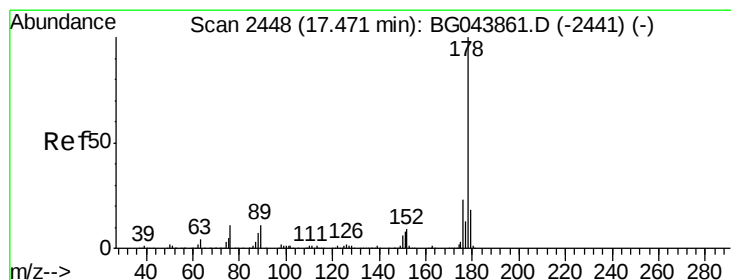
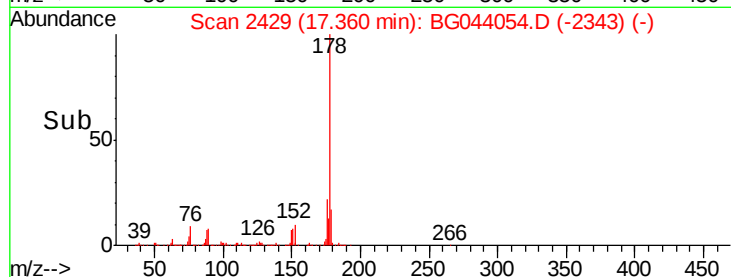
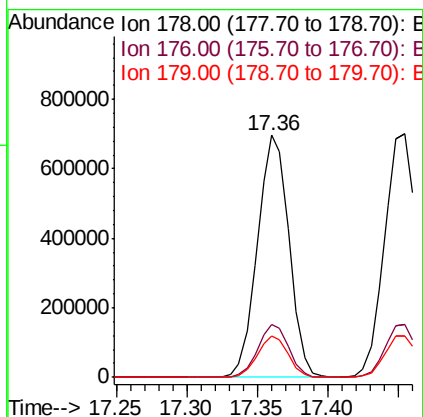
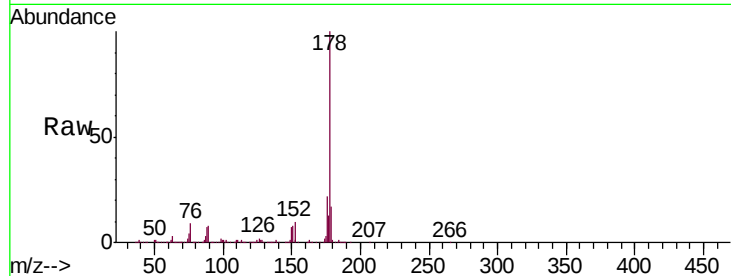




#71
Phenanthrene
Concen: 42.760 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

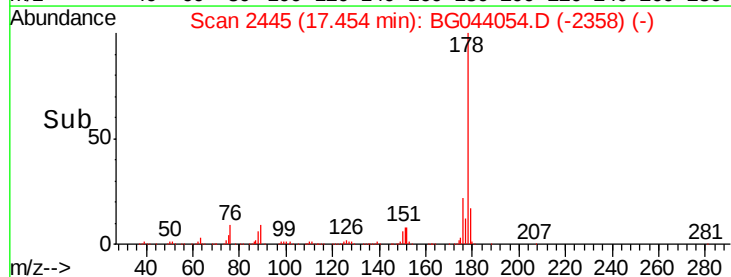
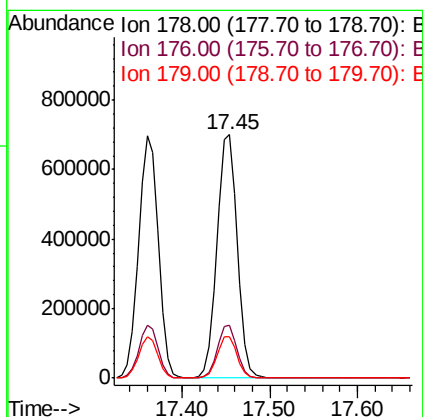
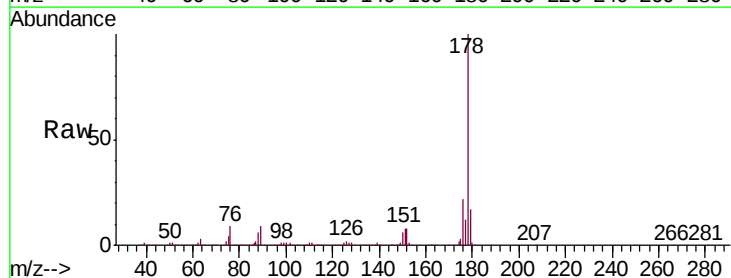
Instrument :
BNA_G
ClientSampleId :
PB126104BS

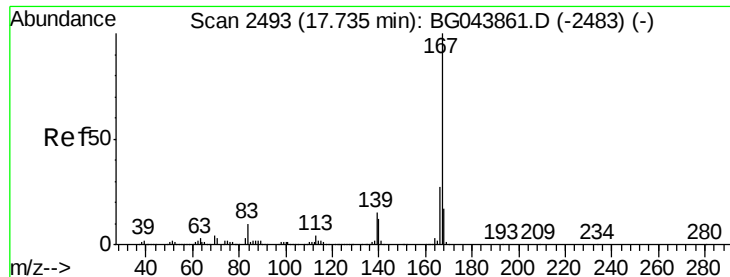
Tgt Ion:178 Resp: 1094183
Ion Ratio Lower Upper
178 100
176 22.0 18.6 28.0
179 17.3 14.4 21.6



#72
Anthracene
Concen: 44.594 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:178 Resp: 1127753
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 16.9 14.6 22.0

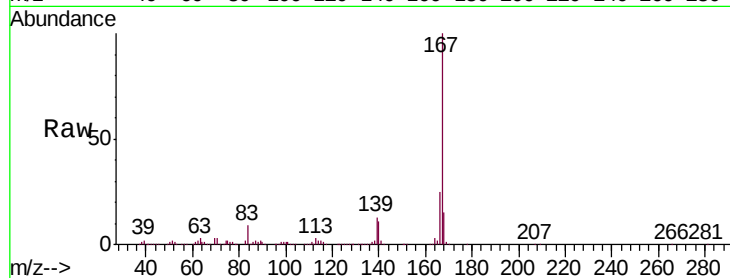




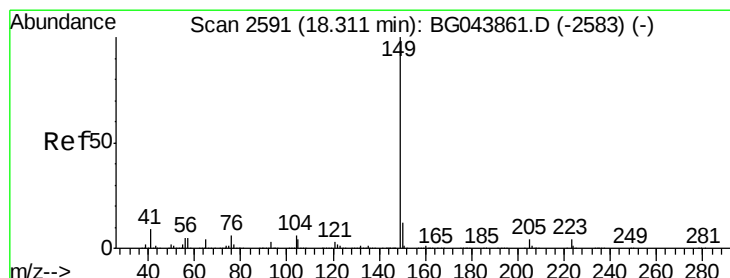
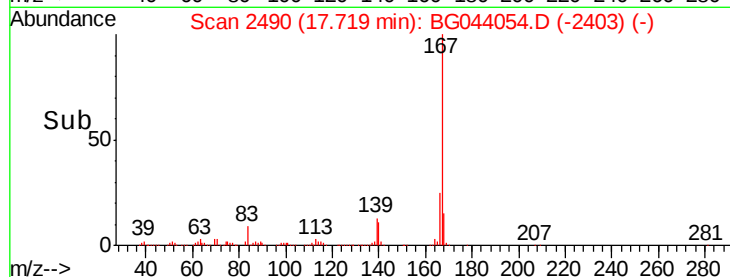
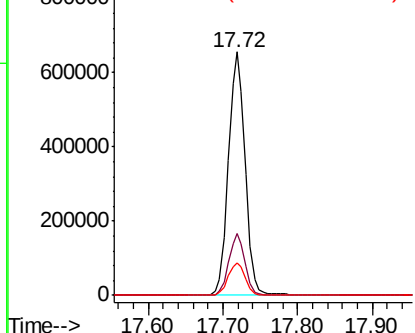
#73
 Carbazole
 Concen: 43.994 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BS

Tgt Ion:167 Resp: 1027697
 Ion Ratio Lower Upper
 167 100
 166 25.2 21.6 32.4
 139 13.4 12.1 18.1

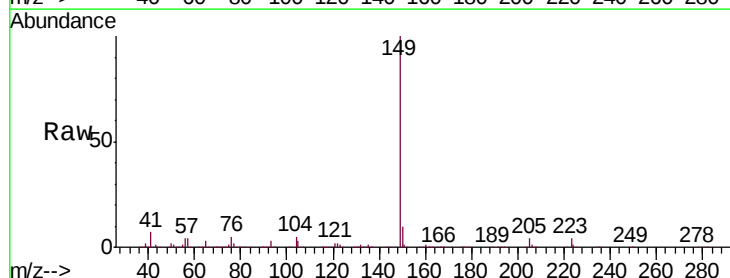


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

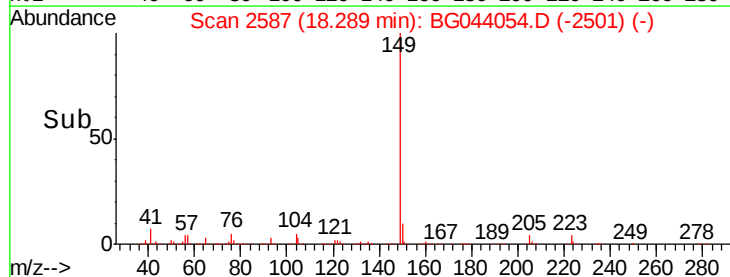
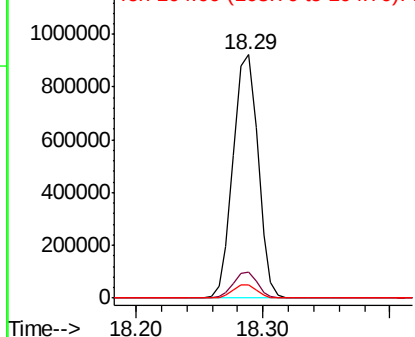


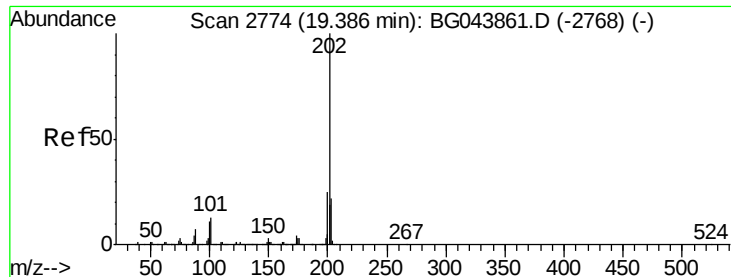
#74
 Di-n-butylphthalate
 Concen: 42.015 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044054.D
 Acq: 15 Jan 2020 17:50

Tgt Ion:149 Resp: 1253087
 Ion Ratio Lower Upper
 149 100
 150 10.5 9.7 14.5
 104 5.3 5.0 7.4



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





#75

Fluoranthene

Concen: 43.143 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

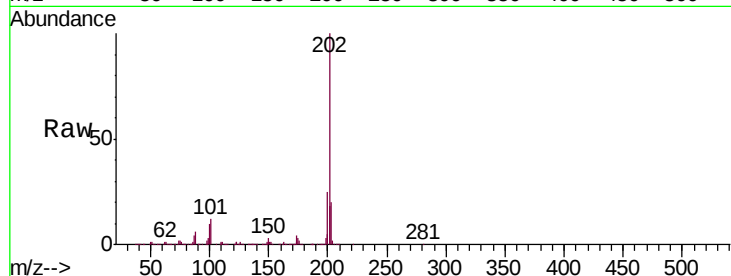
Tgt Ion:202 Resp: 1262551

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

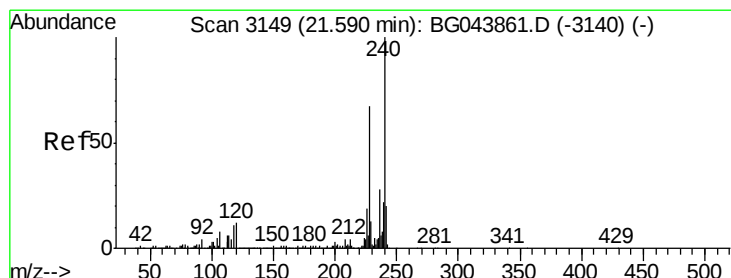
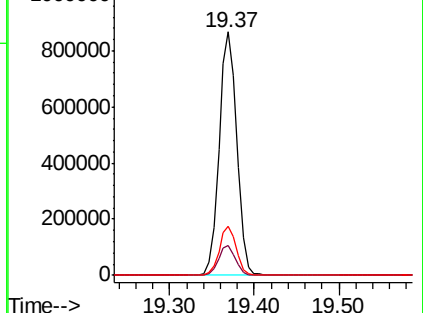
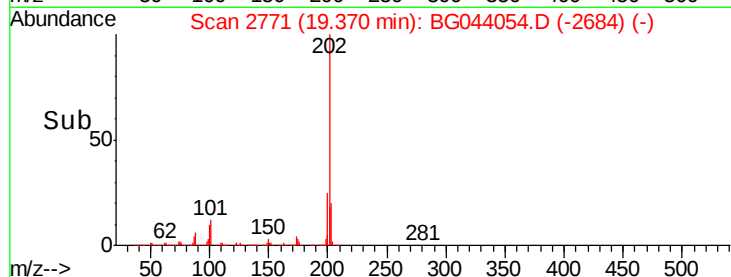
203 20.3 1.6 41.6



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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

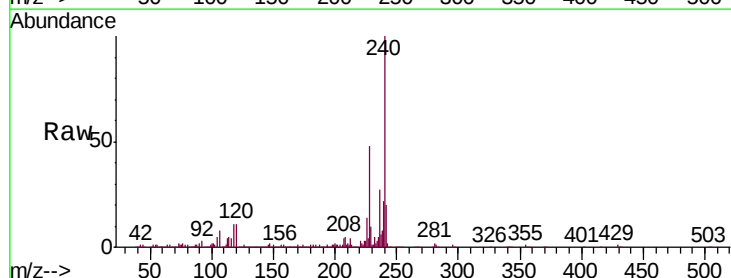
Tgt Ion:240 Resp: 460476

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

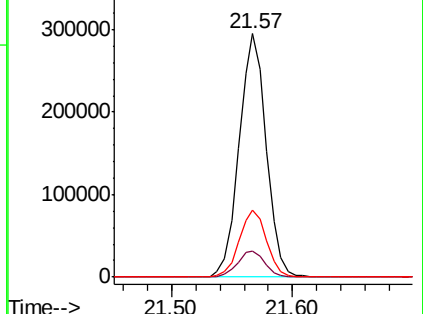
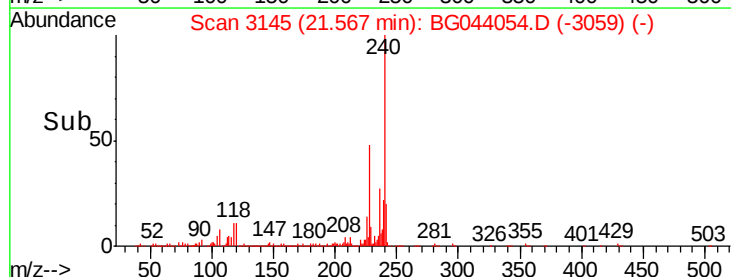
236 27.3 22.2 33.2

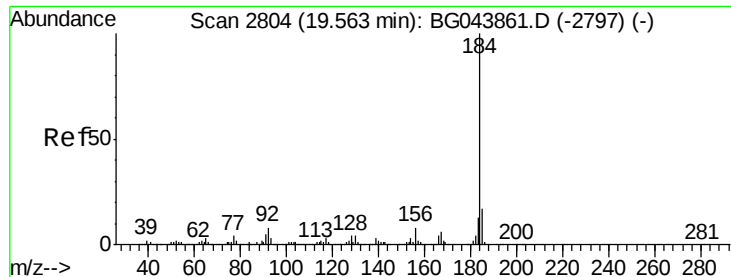


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.707 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

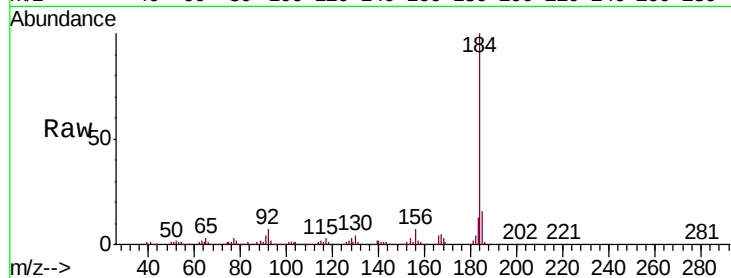
Tgt Ion:184 Resp: 575323

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

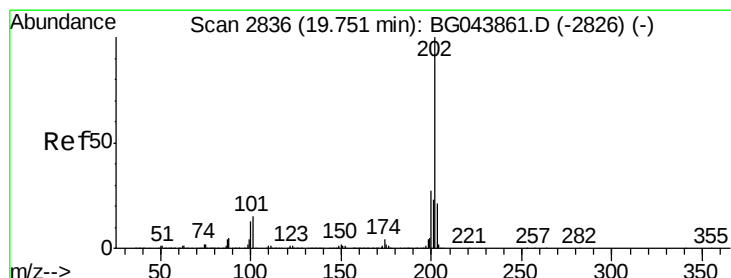
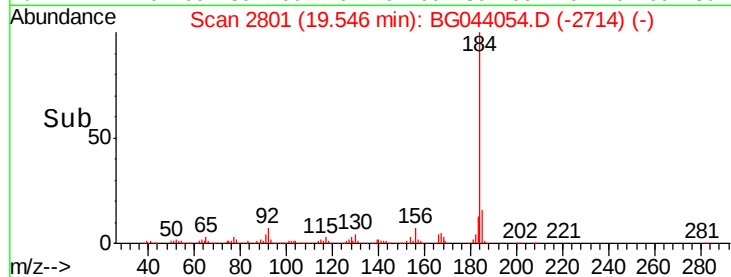
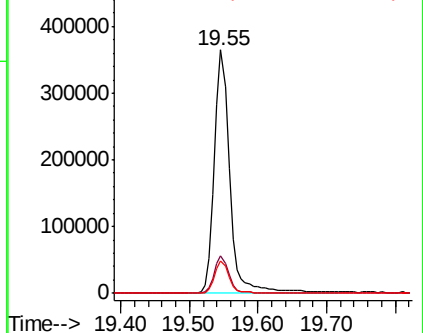
183 13.2 10.6 15.8



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: 42.797 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

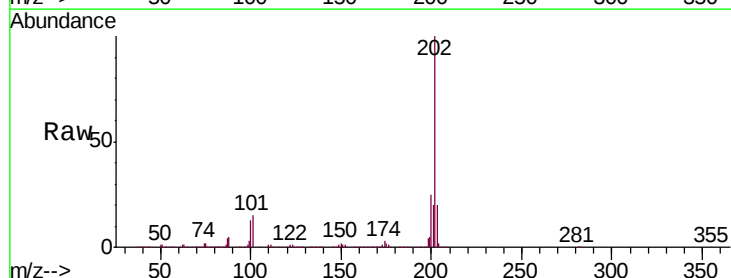
Tgt Ion:202 Resp: 1286359

Ion Ratio Lower Upper

202 100

200 24.7 21.7 32.5

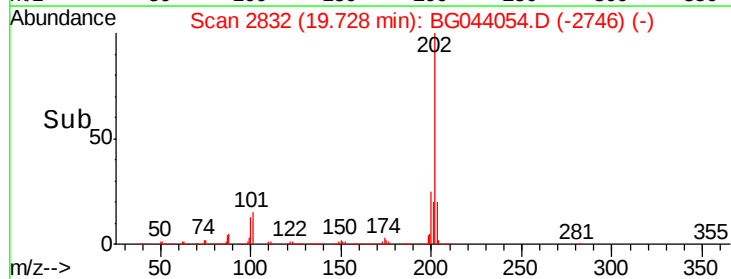
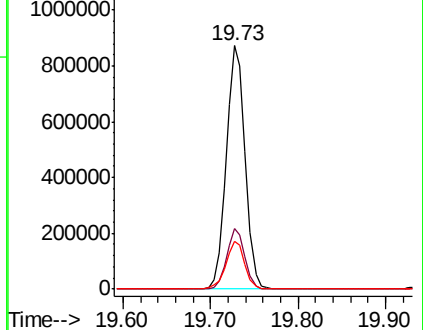
203 19.8 17.0 25.6

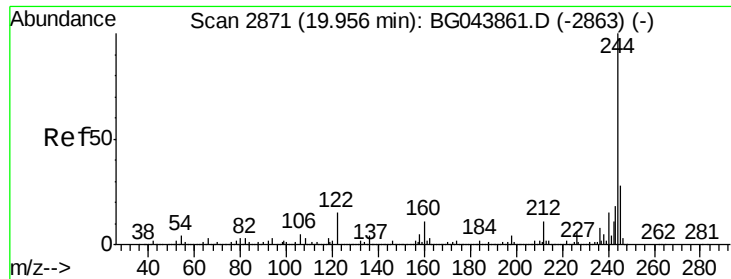


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.745 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

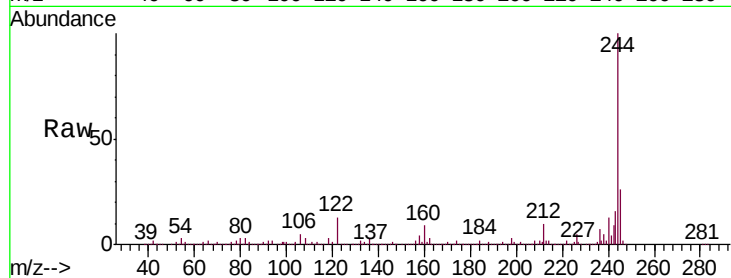
Tgt Ion:244 Resp: 1796369

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

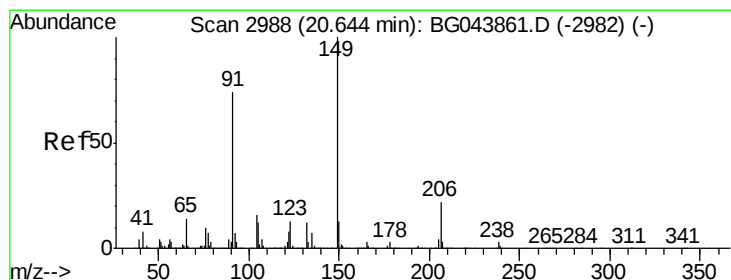
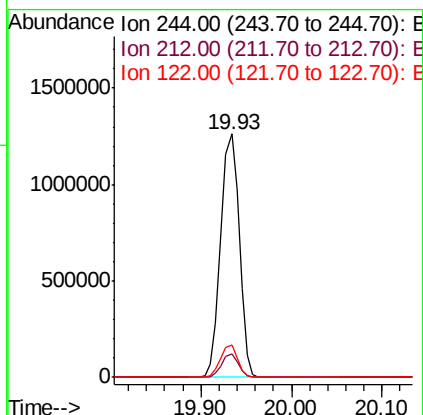
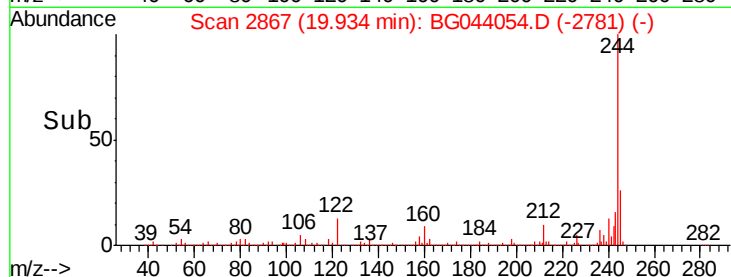
122 13.1 11.9 17.9



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: 41.011 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

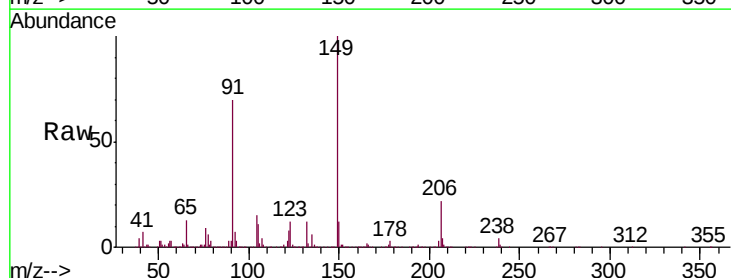
Tgt Ion:149 Resp: 586863

Ion Ratio Lower Upper

149 100

91 69.7 59.5 89.3

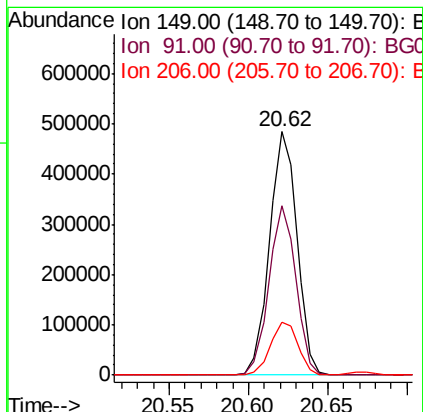
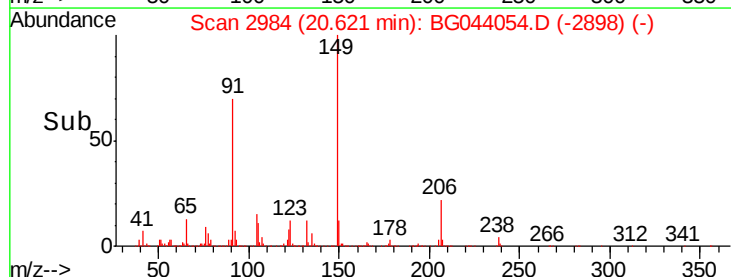
206 21.8 17.8 26.6

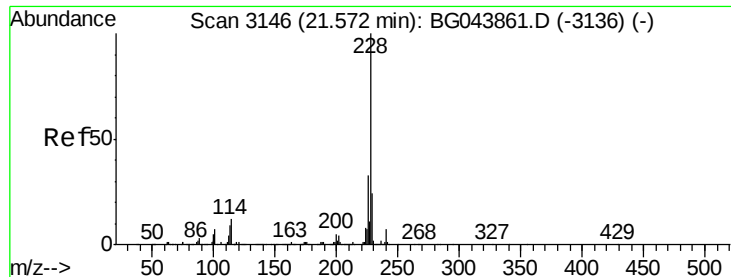


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

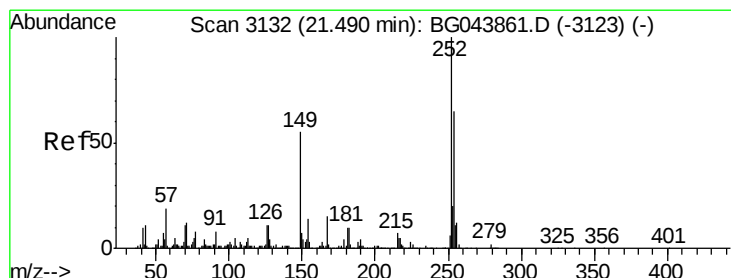
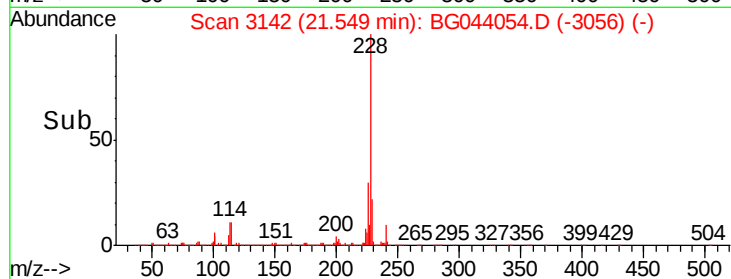
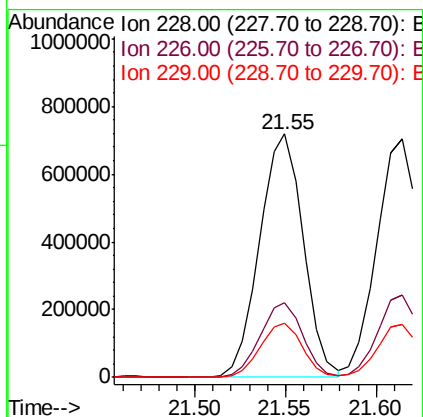
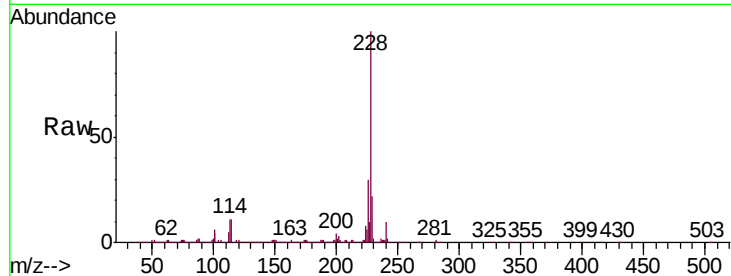




#81
Benzo(a)anthracene
Concen: 42.121 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

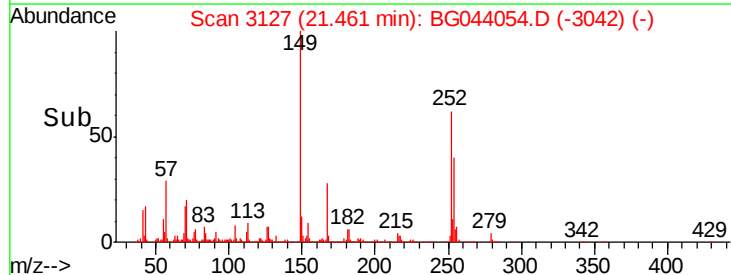
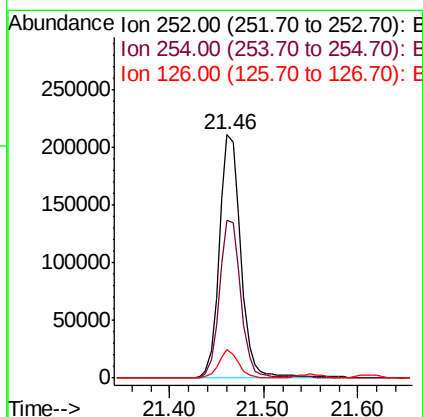
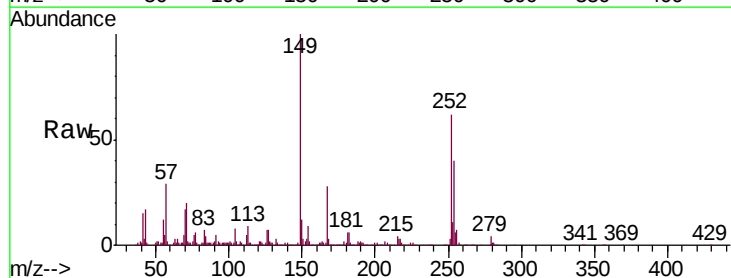
Instrument :
BNA_G
ClientSampleId :
PB126104BS

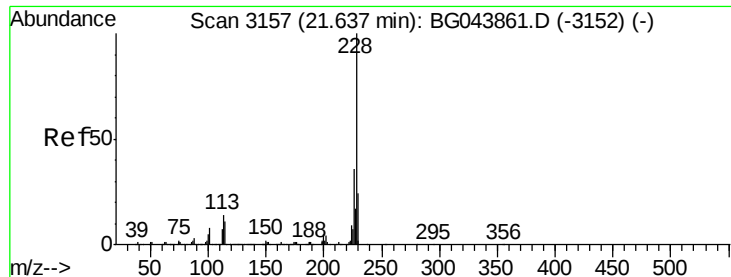
Tgt Ion:228 Resp: 1202676
Ion Ratio Lower Upper
228 100
226 30.5 26.2 39.4
229 22.1 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 29.883 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:252 Resp: 337097
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 11.5 9.1 13.7





#83

Chrysene

Concen: 42.636 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

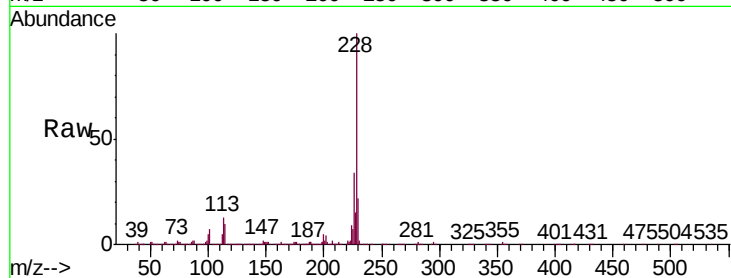
Tgt Ion:228 Resp: 1156742

Ion Ratio Lower Upper

228 100

226 34.3 28.8 43.2

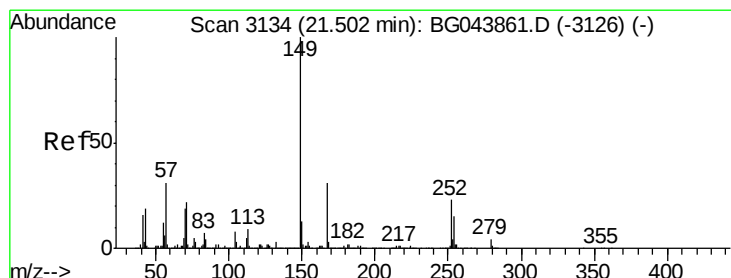
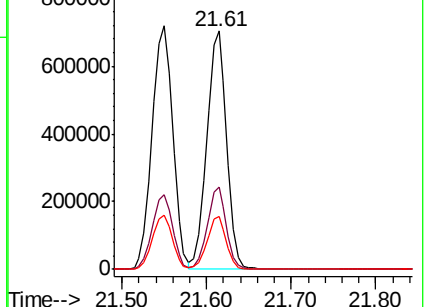
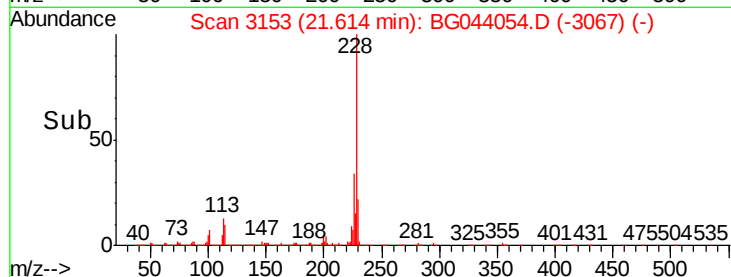
229 22.4 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.788 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

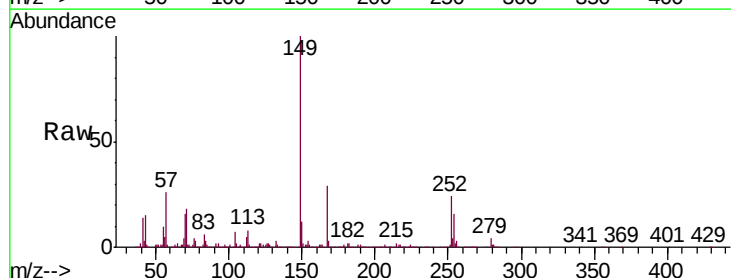
Tgt Ion:149 Resp: 825099

Ion Ratio Lower Upper

149 100

167 28.7 24.7 37.1

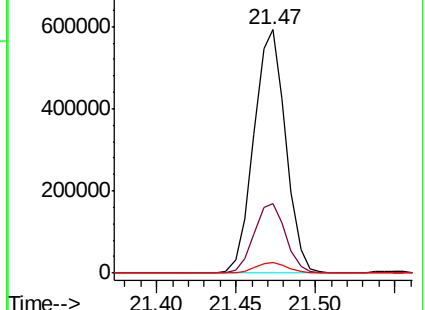
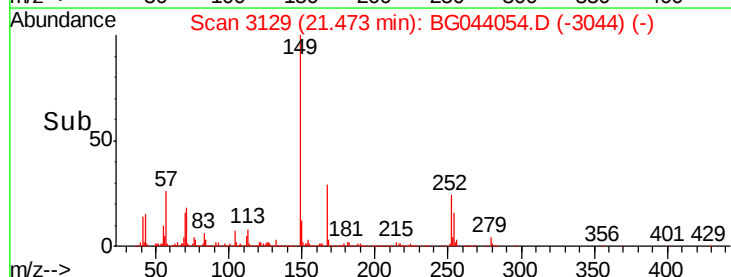
279 4.3 3.3 4.9

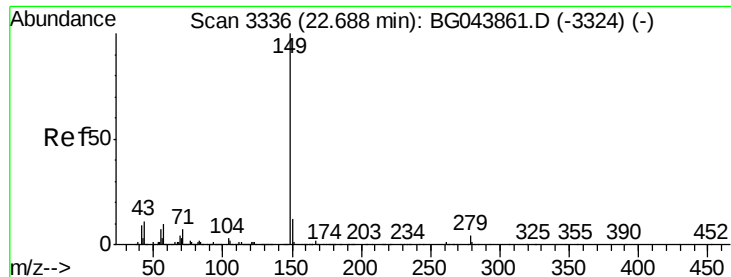


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

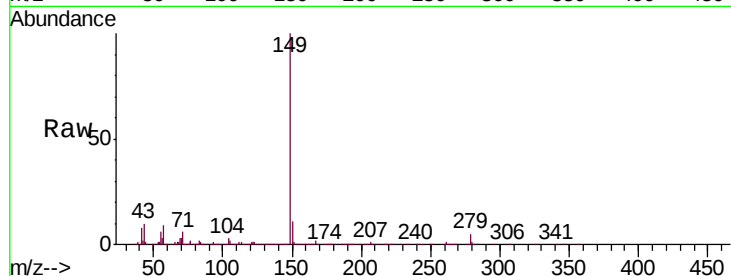




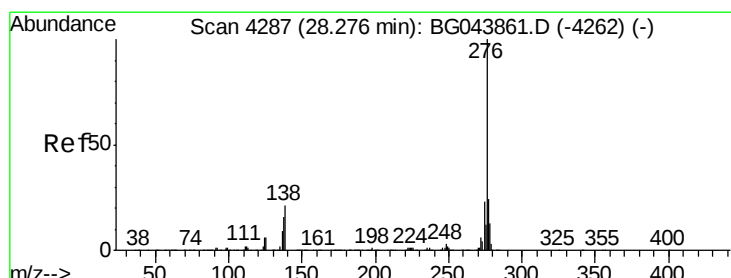
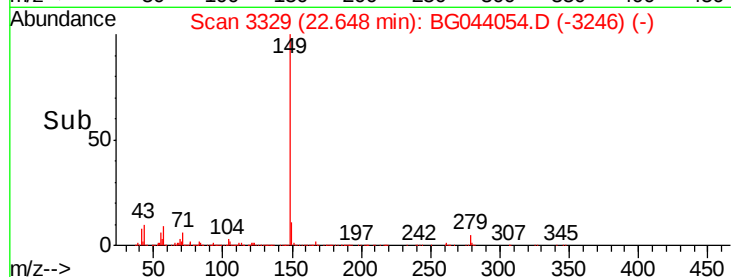
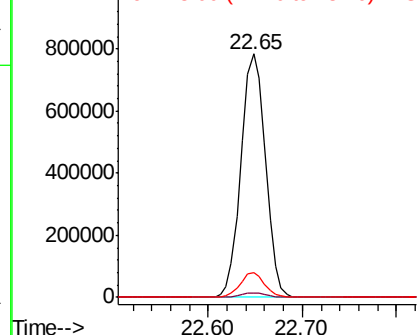
#85
Di-n-octyl phthalate
Concen: 42.634 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Tgt Ion:149 Resp: 1415204
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.5 8.8 13.2

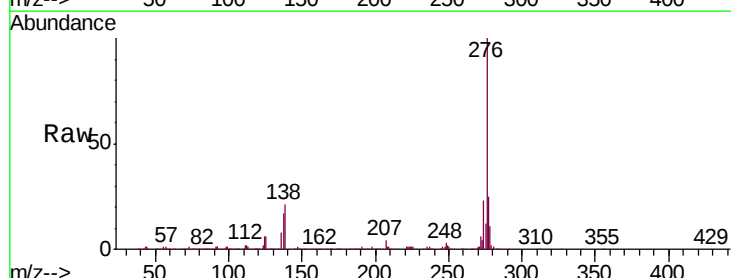


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

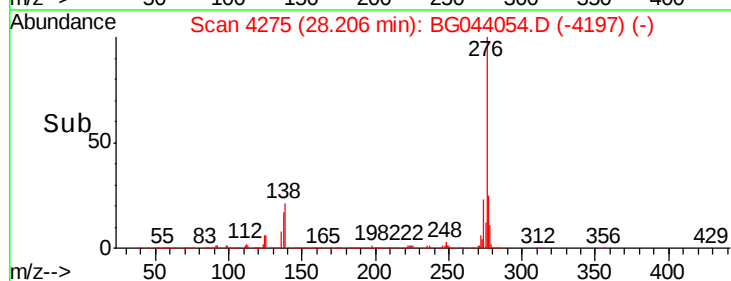
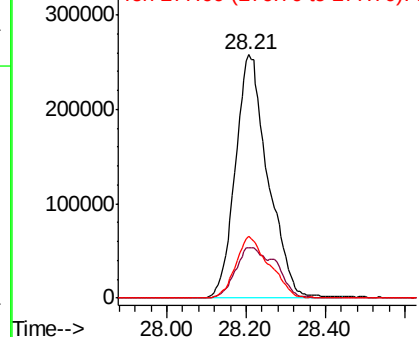


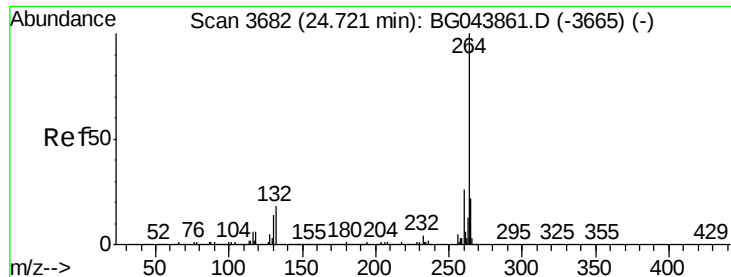
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.943 ng
RT: 28.21 min Scan# 4275
Delta R.T. -0.07 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:276 Resp: 1472718
Ion Ratio Lower Upper
276 100
138 18.3 21.0 31.4#
277 26.2 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: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

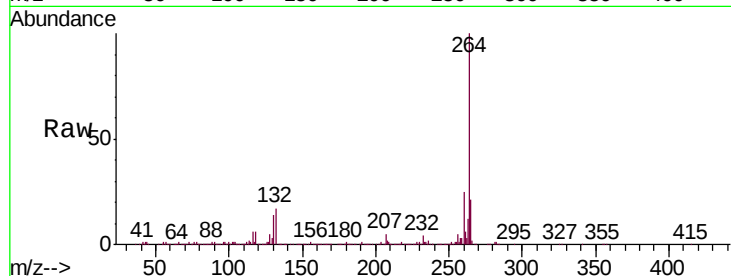
Tgt Ion:264 Resp: 522280

Ion Ratio Lower Upper

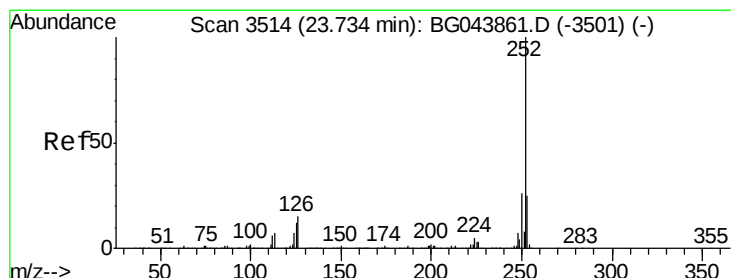
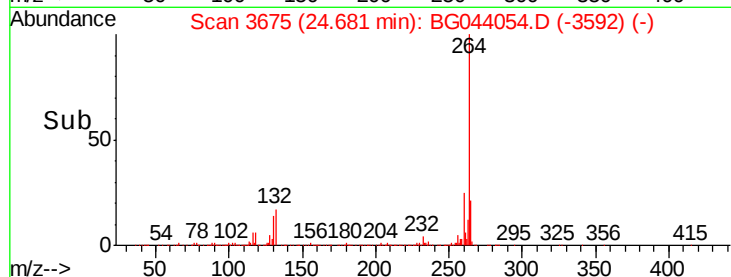
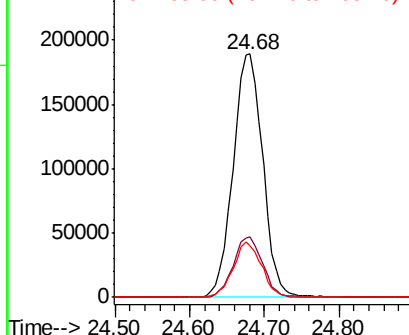
264 100

260 24.7 20.4 30.6

265 21.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.079 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

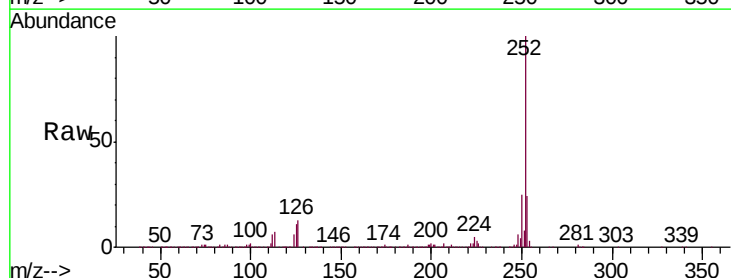
Tgt Ion:252 Resp: 1268358

Ion Ratio Lower Upper

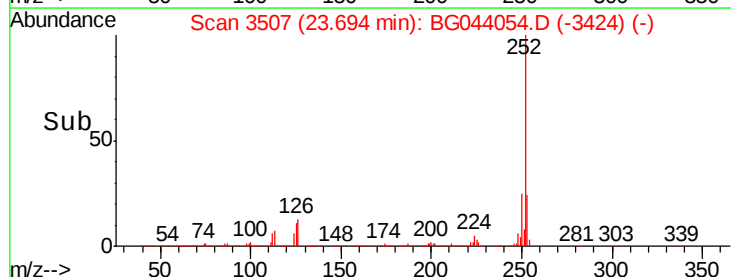
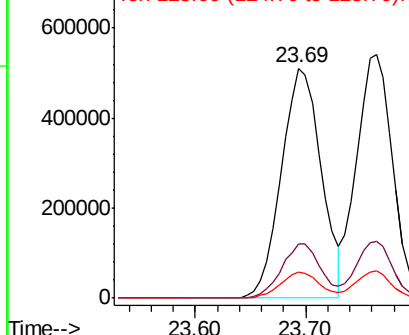
252 100

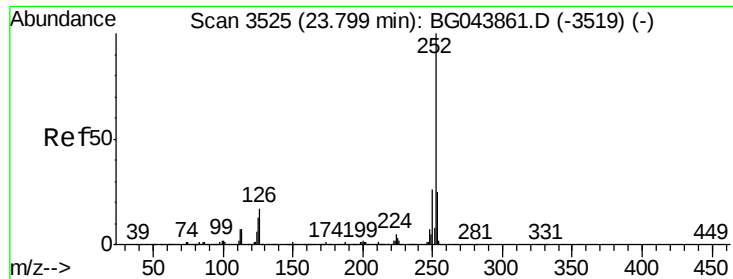
253 23.8 19.7 29.5

125 11.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

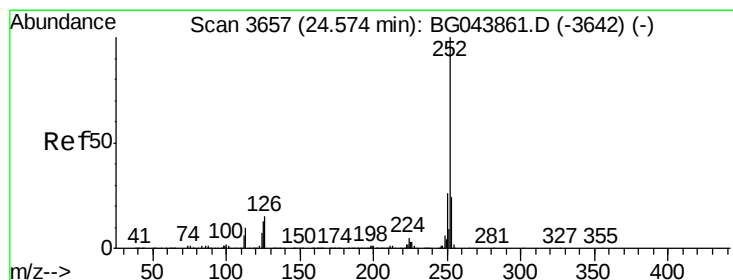
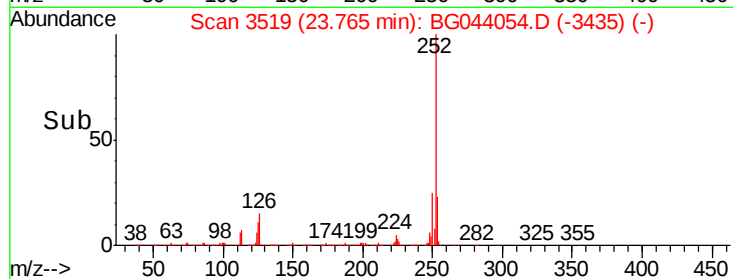
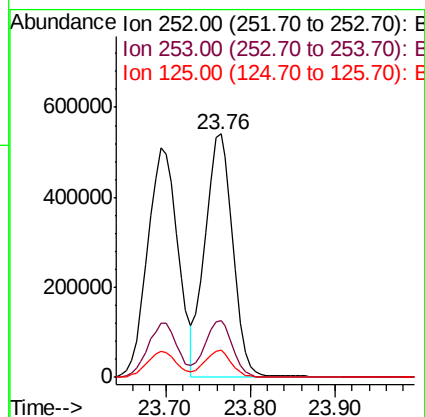
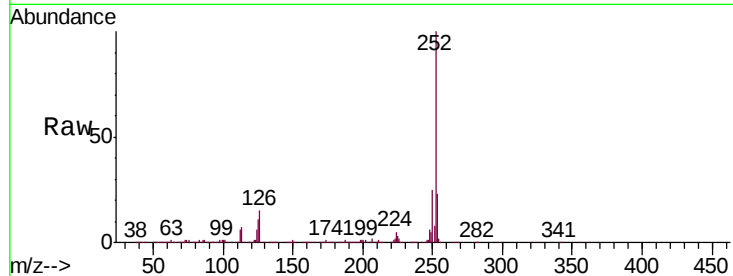




#89
Benzo(k)fluoranthene
Concen: 42.291 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.03 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

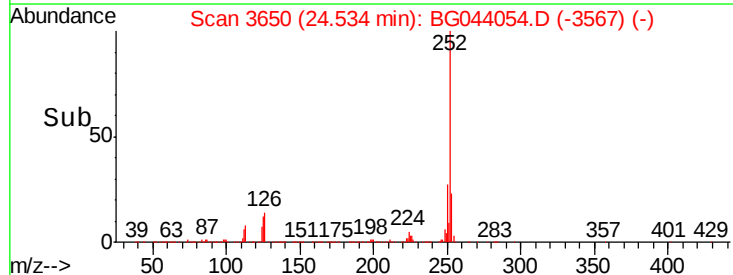
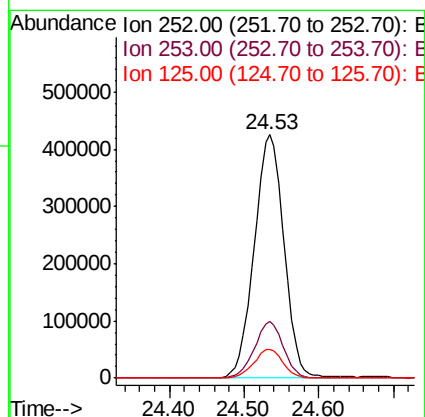
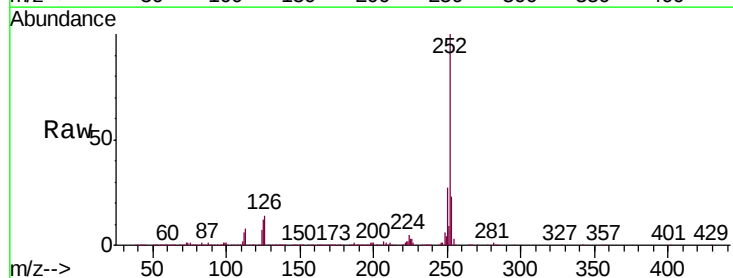
Instrument :
BNA_G
ClientSampleId :
PB126104BS

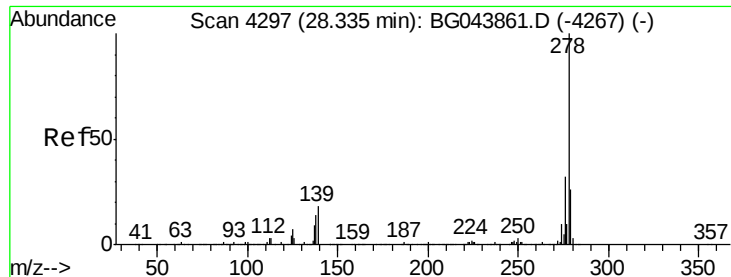
Tgt Ion:252 Resp: 1241697
Ion Ratio Lower Upper
252 100
253 23.3 19.4 29.2
125 11.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.310 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.04 min
Lab File: BG044054.D
Acq: 15 Jan 2020 17:50

Tgt Ion:252 Resp: 1174686
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 11.8 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 41.275 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.06 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

Instrument :

BNA_G

ClientSampleId :

PB126104BS

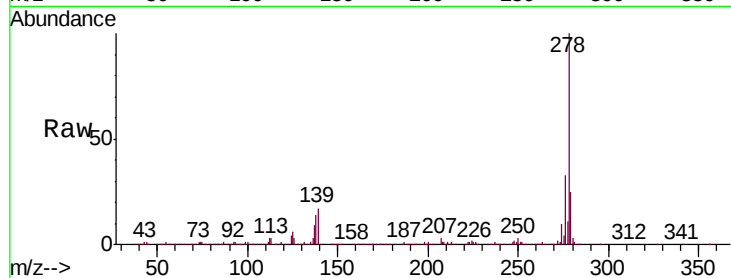
Tgt Ion:278 Resp: 1207969

Ion Ratio Lower Upper

278 100

139 16.7 14.2 21.4

279 25.2 20.6 30.8

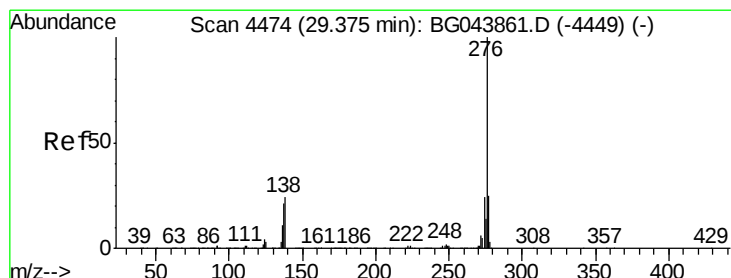
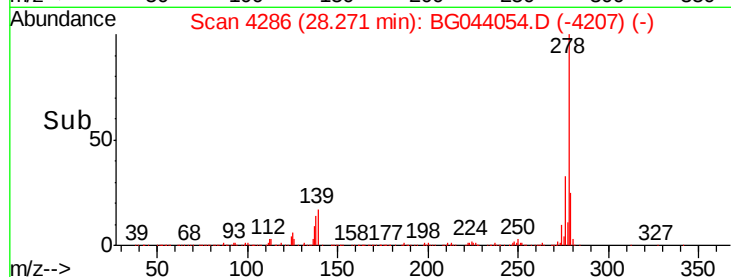
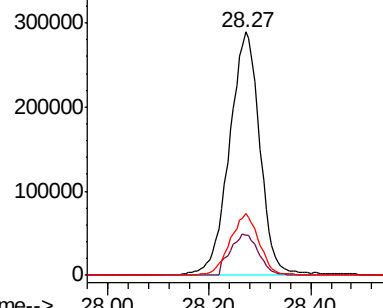


Abundance

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: 42.448 ng

RT: 29.32 min Scan# 4464

Delta R.T. -0.06 min

Lab File: BG044054.D

Acq: 15 Jan 2020 17:50

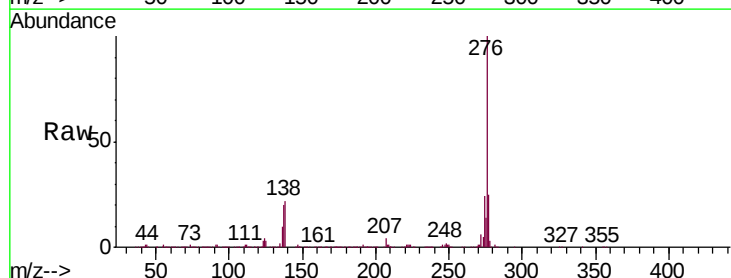
Tgt Ion:276 Resp: 1233990

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.4

138 22.1 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

