

Data File : BG044144.D
Acq On : 21 Jan 2020 21:54
Operator : JU
Sample : PB126236BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Quant Time: Jan 22 06:49:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78388	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	344787	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	232660	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	503100	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	421494	20.00	ng	-0.03
87) Perylene-d12	24.66	264	483838	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	641152	150.18	ng	-0.03
7) Phenol-d6	7.10	99	864300	144.83	ng	-0.02
23) Nitrobenzene-d5	9.08	82	457163	70.93	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	338793	139.15	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1045295	81.40	ng	-0.03
79) Terphenyl-d14	19.92	244	1515430	87.31	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	93644	50.307 ng	97
3) Pyridine	3.78	79	190296	34.605 ng	93
4) n-Nitrosodimethylamine	3.70	42	97468	39.811 ng	95
6) Aniline	7.25	93	260623	33.250 ng	99
8) 2-Chlorophenol	7.50	128	246817	49.246 ng	96
9) Benzaldehyde	7.06	77	125797	32.936 ng	98
10) Phenol	7.13	94	309543	50.344 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	223943	42.195 ng	97
12) 1,3-Dichlorobenzene	7.82	146	248061	42.295 ng	100
13) 1,4-Dichlorobenzene	7.97	146	247401	42.752 ng	99
14) 1,2-Dichlorobenzene	8.28	146	237959	42.841 ng	99
15) Benzyl Alcohol	8.17	79	209283	44.436 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	305149	37.163 ng	98
17) 2-Methylphenol	8.38	107	217758	48.941 ng	99
18) Hexachloroethane	9.01	117	91455	40.615 ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	185187	41.670 ng	97
20) 3+4-Methylphenols	8.71	107	303172	48.843 ng	100
22) Acetophenone	8.75	105	344016	40.134 ng	# 98
24) Nitrobenzene	9.12	77	260950	40.879 ng	99
25) Isophorone	9.65	82	504122	41.692 ng	99
26) 2-Nitrophenol	9.84	139	142664	47.238 ng	99
27) 2,4-Dimethylphenol	9.91	122	243475	53.556 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	317365	39.369 ng	100
29) 2,4-Dichlorophenol	10.38	162	253486	46.745 ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	246087	40.473 ng	97
31) Naphthalene	10.78	128	744089	44.597 ng	98
32) Benzoic acid	10.06	122	128589	36.464 ng	93
33) 4-Chloroaniline	10.89	127	177677	22.327 ng	97
34) Hexachlorobutadiene	11.08	225	141049	37.995 ng	98
35) Caprolactam	11.65	113	67698	33.535 ng	98
36) 4-Chloro-3-methylphenol	12.02	107	278292	48.207 ng	99
37) 2-Methylnaphthalene	12.39	142	563791	44.883 ng	97
38) 1-Methylnaphthalene	12.61	142	534150	44.867 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	265784	38.975 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	348603	98.604	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	204024	43.481	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	222601	45.997	ng	98
46) 1,1'-Biphenyl	13.40	154	715737	42.906	ng	98
47) 2-Chloronaphthalene	13.44	162	561169	41.631	ng	98
48) 2-Nitroaniline	13.64	65	175881	40.563	ng	96
49) Acenaphthylene	14.29	152	898905	46.397	ng	97
50) Dimethylphthalate	14.02	163	721031	43.647	ng	98
51) 2,6-Dinitrotoluene	14.14	165	165687	44.374	ng	95
52) Acenaphthene	14.63	154	562547	41.404	ng	98
53) 3-Nitroaniline	14.47	138	121620	28.683	ng	99
54) 2,4-Dinitrophenol	14.67	184	161014	84.327	ng	96
55) Dibenzofuran	14.97	168	859215	45.938	ng	99
56) 4-Nitrophenol	14.79	139	305461	94.010	ng	94
57) 2,4-Dinitrotoluene	14.92	165	230377	45.344	ng	98
58) Fluorene	15.62	166	679889	45.862	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195237	46.916	ng	97
60) Diethylphthalate	15.39	149	737613	44.642	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	348969	43.351	ng	99
62) 4-Nitroaniline	15.63	138	168454	40.231	ng	97
63) Azobenzene	15.90	77	686017	44.769	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	131237	50.389	ng	93
66) n-Nitrosodiphenylamine	15.82	169	635618	42.902	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	228311	40.349	ng	98
68) Hexachlorobenzene	16.63	284	246356	40.406	ng	97
69) Atrazine	16.77	200	235718	48.946	ng	98
70) Pentachlorophenol	16.97	266	266707	79.354	ng	99
71) Phenanthrene	17.35	178	1080319	44.769	ng	97
72) Anthracene	17.44	178	1105252	46.345	ng	97
73) Carbazole	17.71	167	985609	44.741	ng	97
74) Di-n-butylphthalate	18.28	149	1220358	43.389	ng	97
75) Fluoranthene	19.36	202	1229341	44.545	ng	97
77) Benzidine	19.54	184	519988	49.081	ng	99
78) Pyrene	19.72	202	1230356	44.720	ng	96
80) Butylbenzylphthalate	20.61	149	571193	43.607	ng	97
81) Benzo(a)anthracene	21.54	228	1169923	44.764	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	336571	32.596	ng	99
83) Chrysene	21.60	228	1110624	44.722	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	800234	44.277	ng	98
85) Di-n-octyl phthalate	22.64	149	1396161	45.950	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1447105	42.878	ng	# 91
88) Benzo(b)fluoranthene	23.68	252	1219558	42.637	ng	97
89) Benzo(k)fluoranthene	23.75	252	1212706	44.585	ng	98
90) Benzo(a)pyrene	24.52	252	1149644	42.585	ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1187373	43.794	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1206262	44.791	ng	98

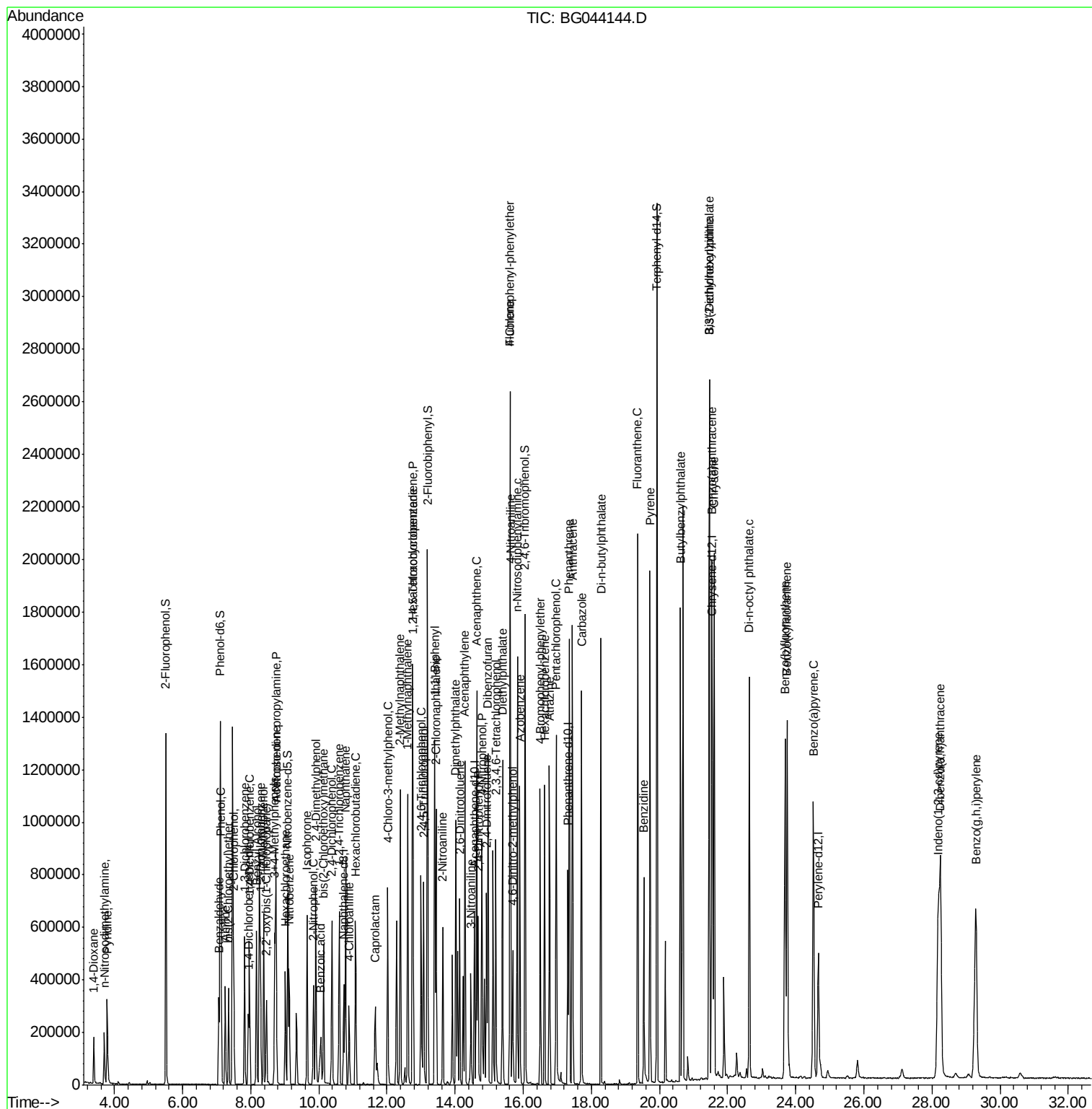
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

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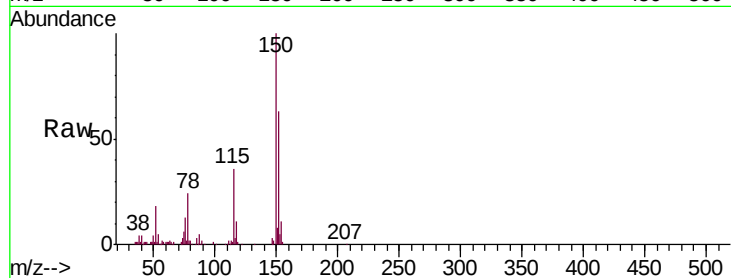
Tgt Ion:152 Resp: 78388

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

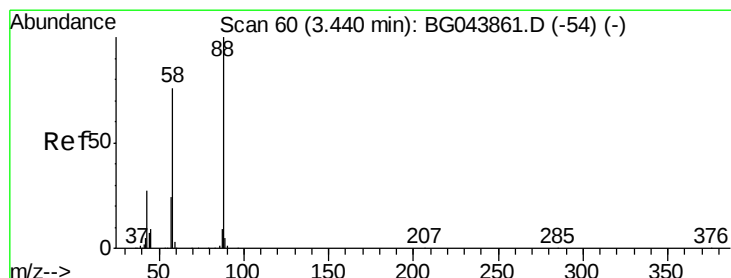
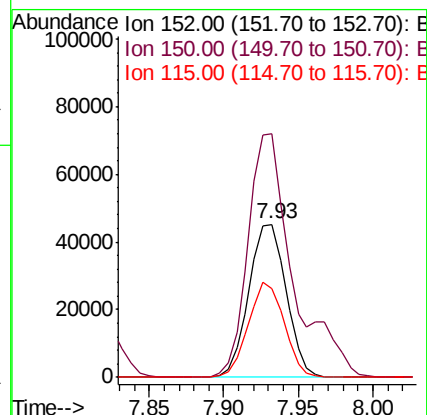
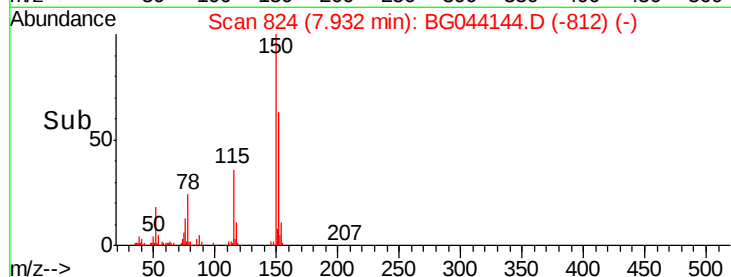
115 57.8 47.8 71.8



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: 50.307 ng

RT: 3.39 min Scan# 51

Delta R.T. -0.05 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

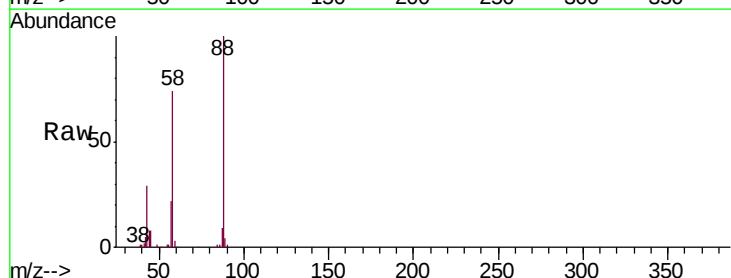
Tgt Ion: 88 Resp: 93644

Ion Ratio Lower Upper

88 100

58 71.4 59.8 89.8

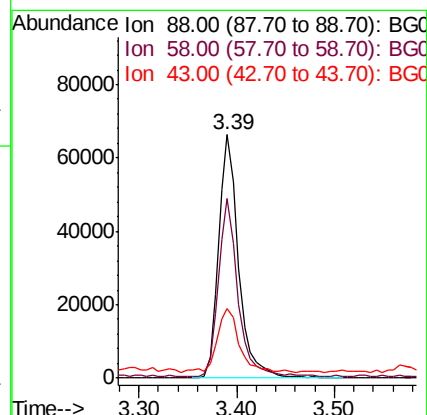
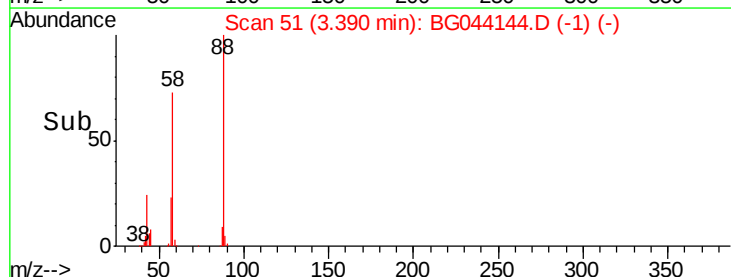
43 29.5 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.605 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

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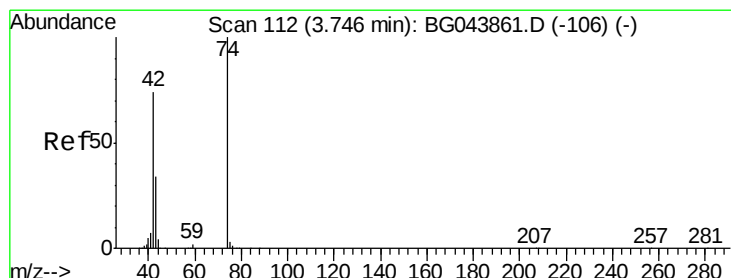
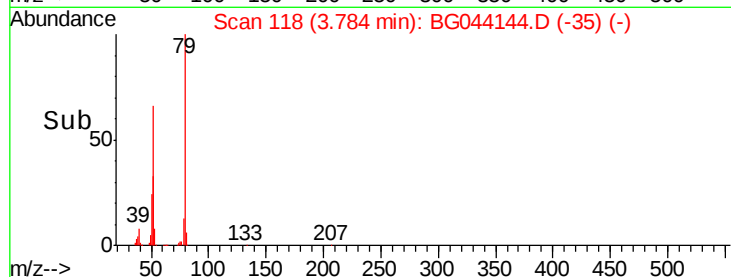
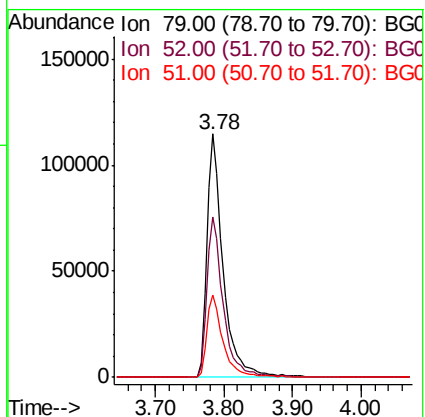
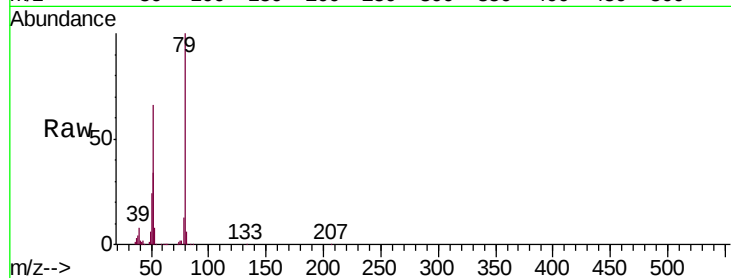
Tgt Ion: 79 Resp: 190296

Ion Ratio Lower Upper

79 100

52 66.1 58.9 88.3

51 33.7 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.811 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

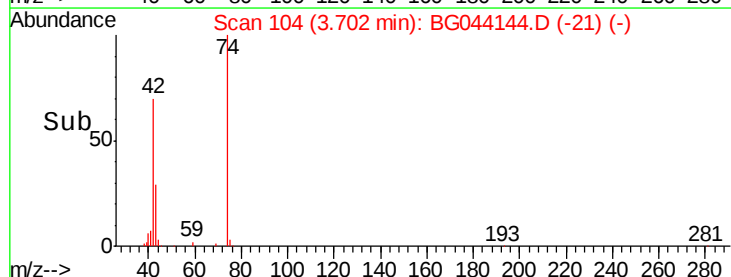
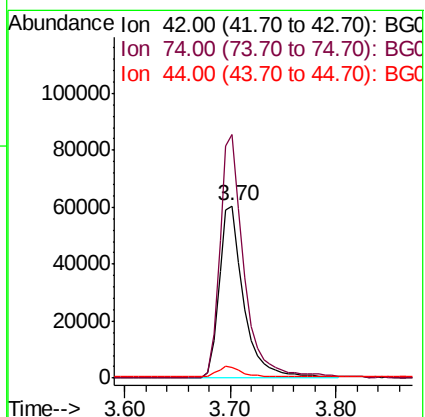
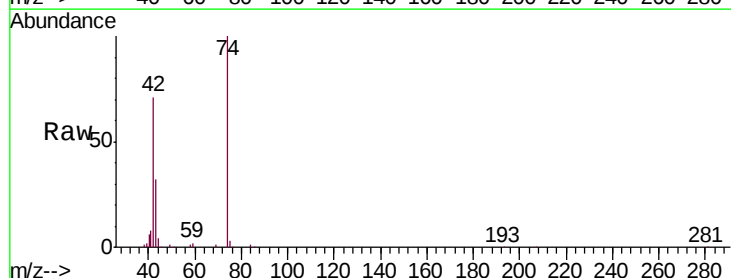
Tgt Ion: 42 Resp: 97468

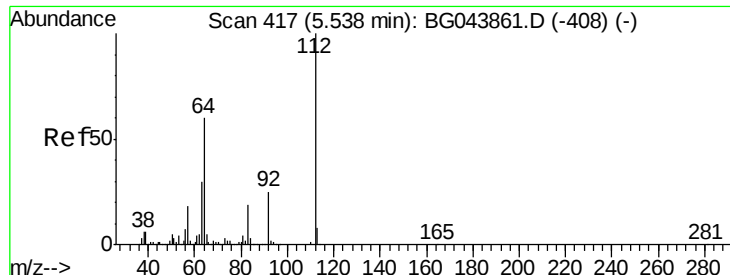
Ion Ratio Lower Upper

42 100

74 141.6 108.6 162.8

44 6.0 5.0 7.6





#5

2-Fluorophenol

Concen: 150.180 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

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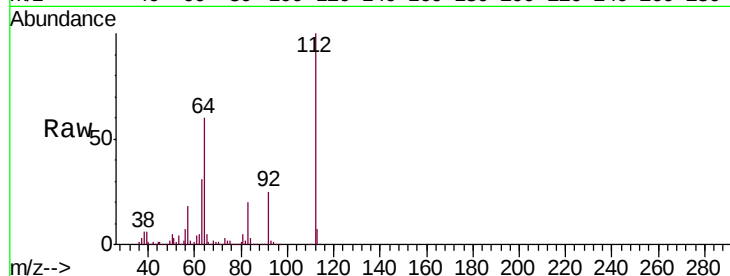
Tgt Ion: 112 Resp: 641152

Ion Ratio Lower Upper

112 100

64 59.7 47.8 71.6

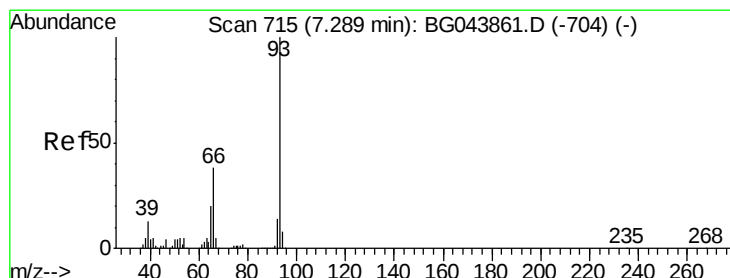
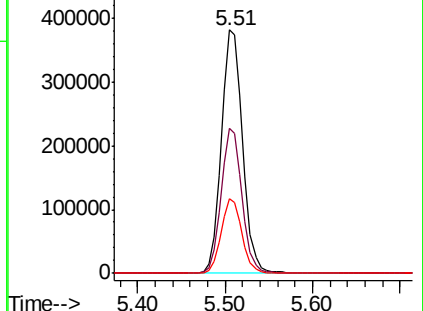
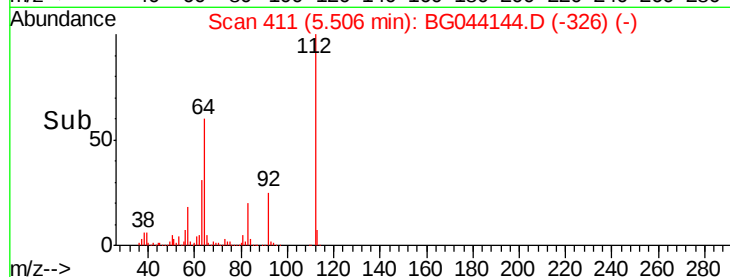
63 30.8 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.250 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

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Acq: 21 Jan 2020 21:54

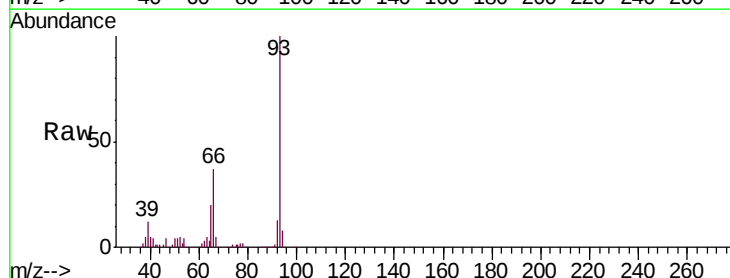
Tgt Ion: 93 Resp: 260623

Ion Ratio Lower Upper

93 100

66 37.5 30.8 46.2

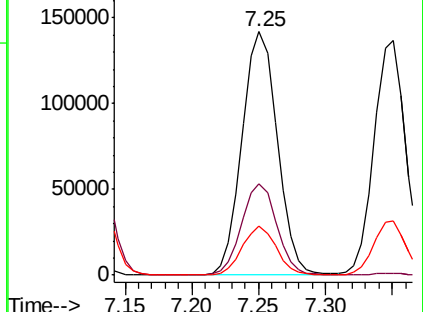
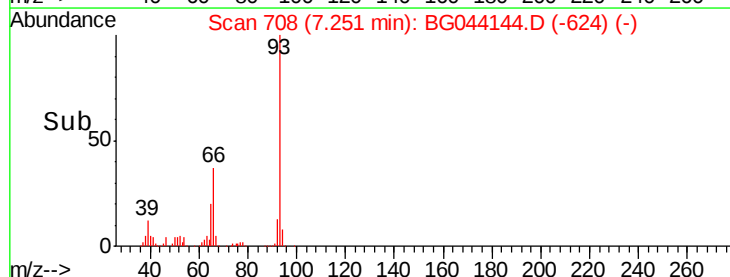
65 20.0 16.0 24.0



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: 144.832 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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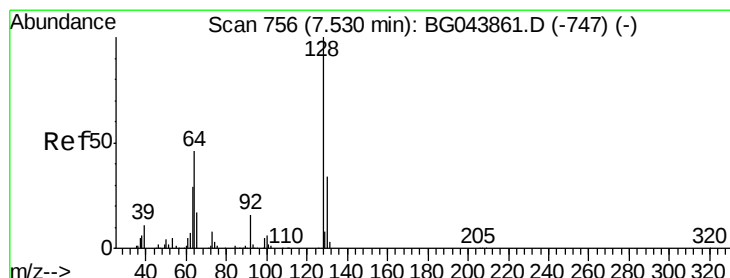
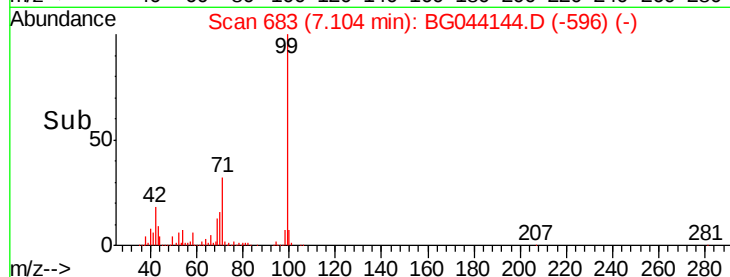
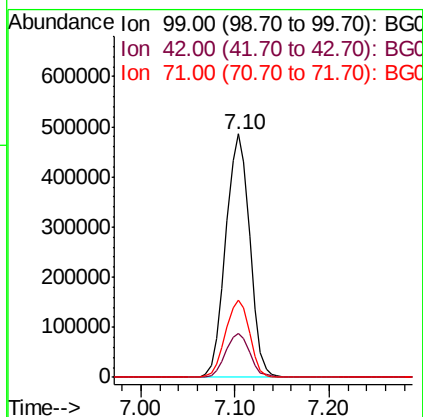
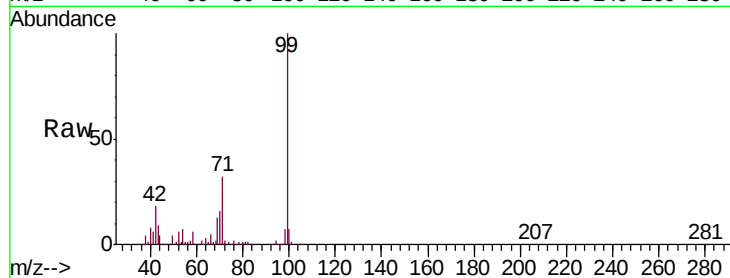
Tgt Ion: 99 Resp: 864300

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 31.5 26.4 39.6



#8

2-Chlorophenol

Concen: 49.246 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

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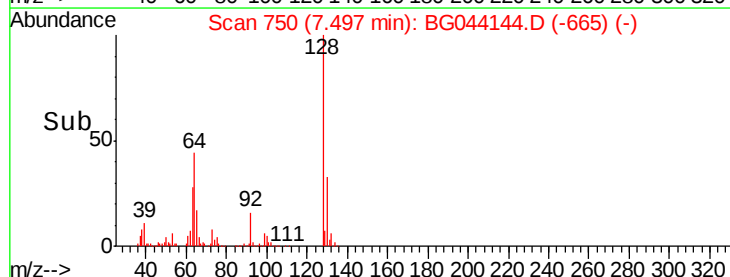
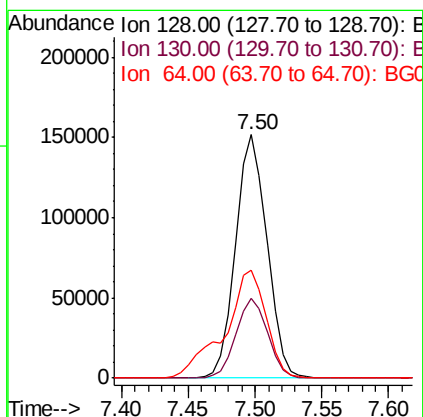
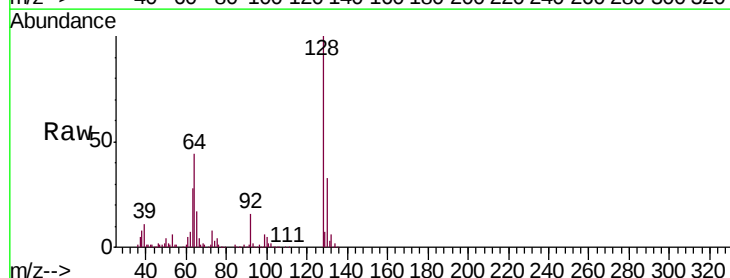
Tgt Ion: 128 Resp: 246817

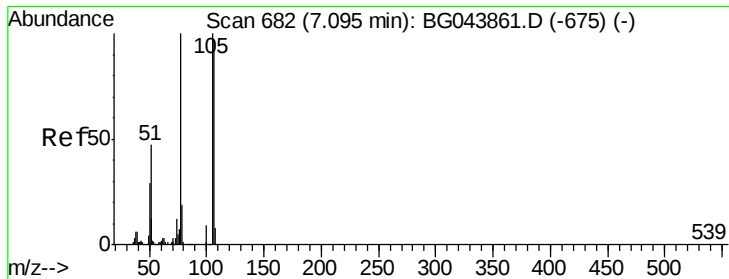
Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

64 44.3 27.6 67.6





#9

Benzaldehyde

Concen: 32.936 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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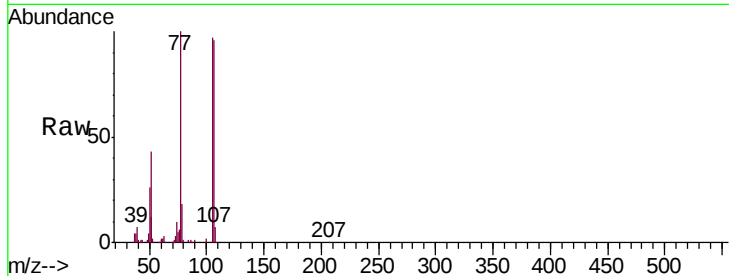
Tgt Ion: 77 Resp: 125797

Ion Ratio Lower Upper

77 100

105 96.8 80.2 120.2

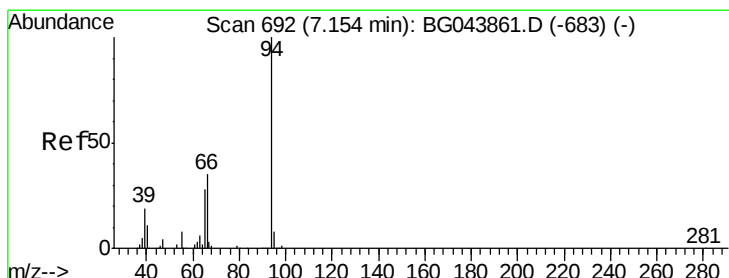
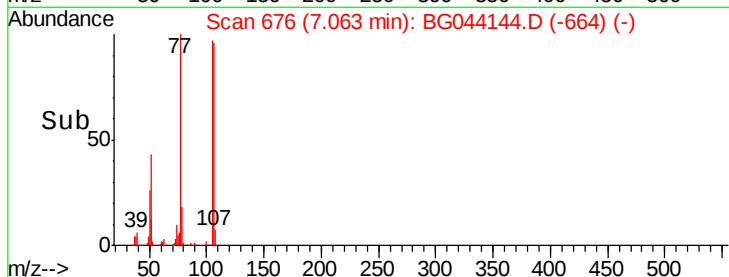
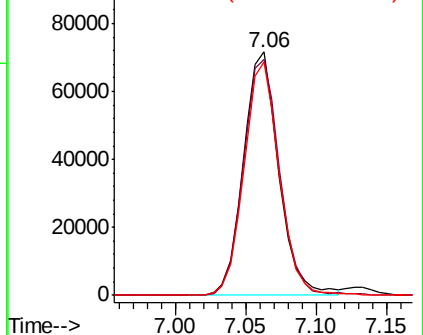
106 95.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.344 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

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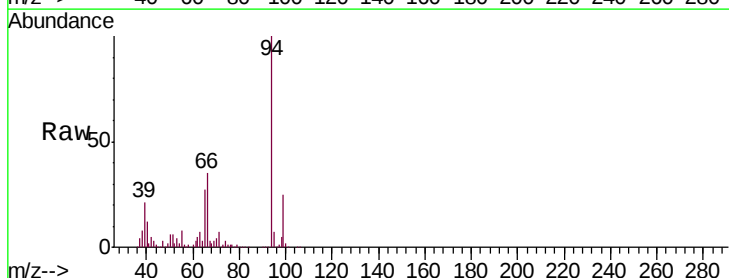
Tgt Ion: 94 Resp: 309543

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

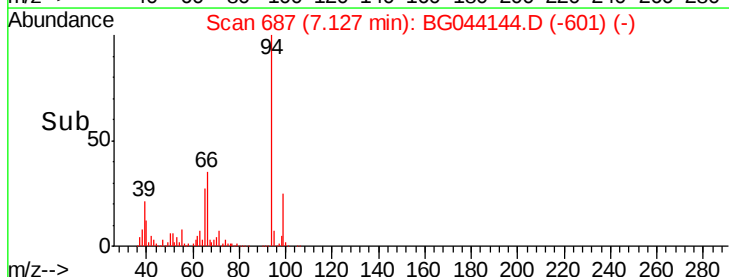
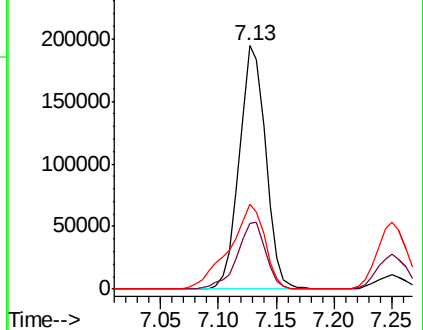
66 34.9 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

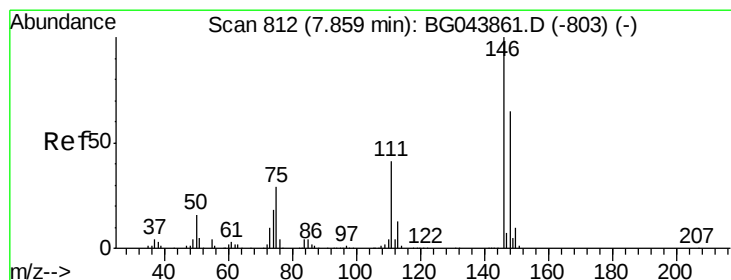
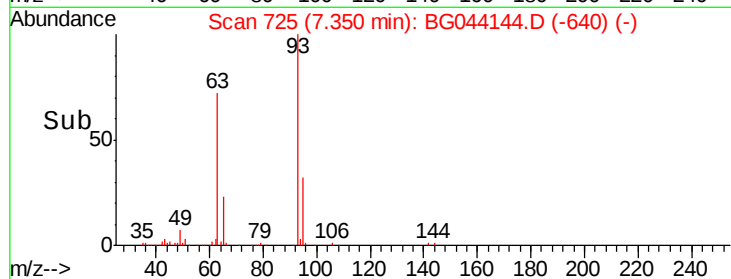
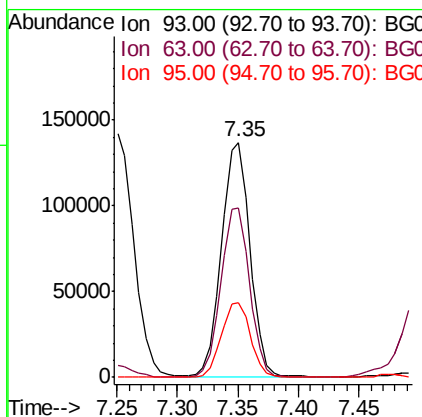
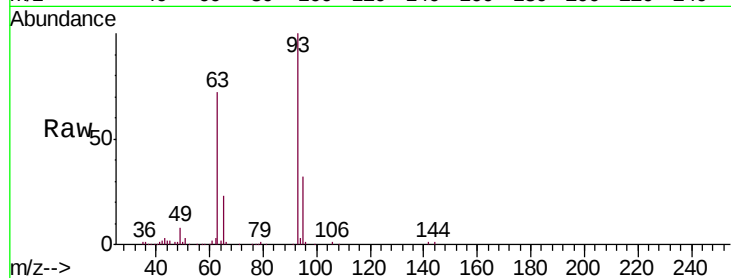




#11
bis(2-Chloroethyl)ether
Concen: 42.195 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

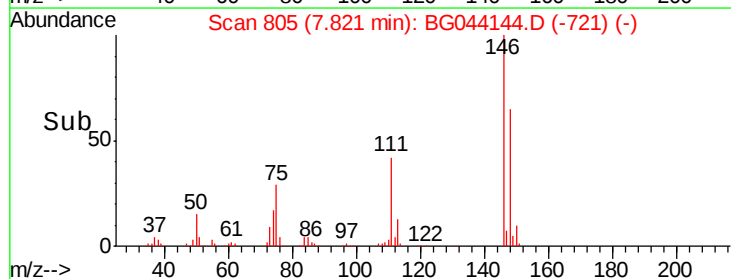
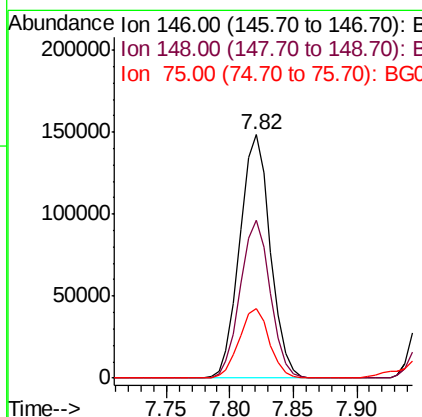
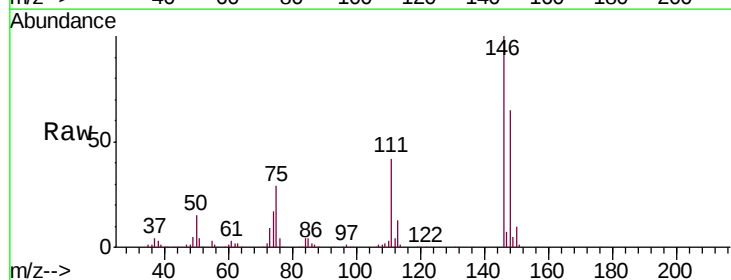
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

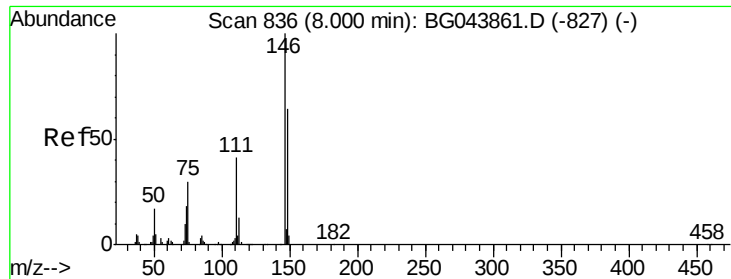
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.8	55.0	95.0
95	31.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.295 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	28.7	23.0	34.4

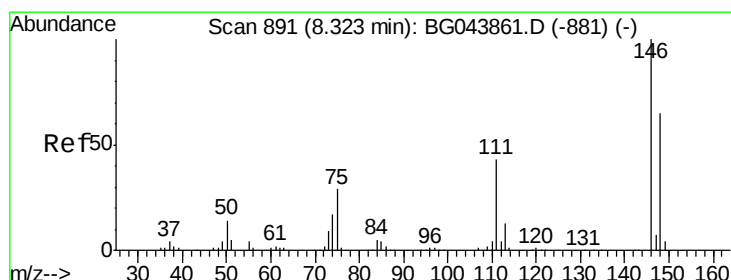
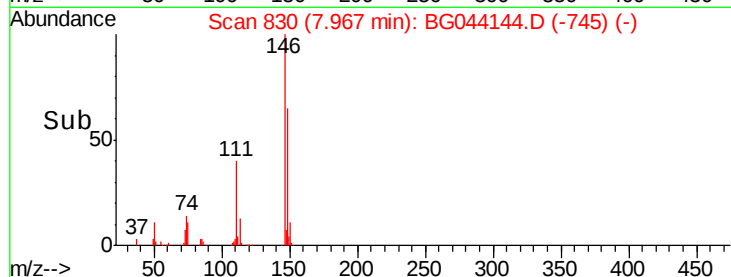
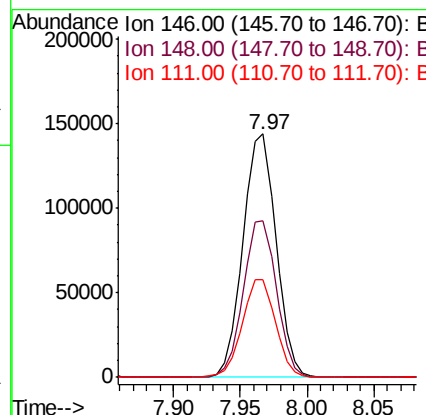
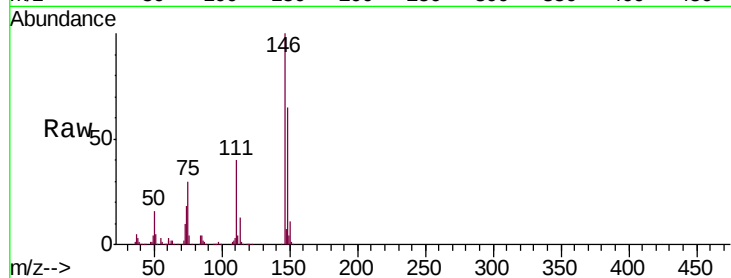




#13
 1,4-Dichlorobenzene
 Concen: 42.752 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

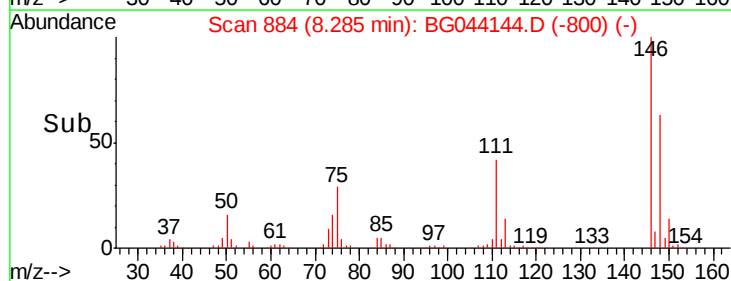
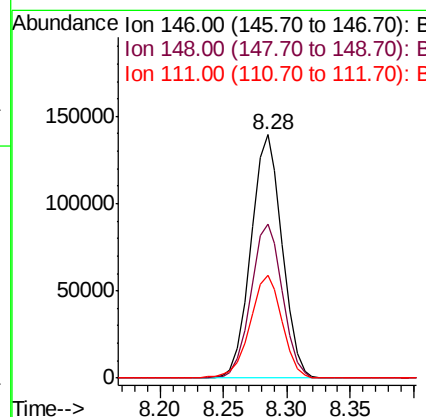
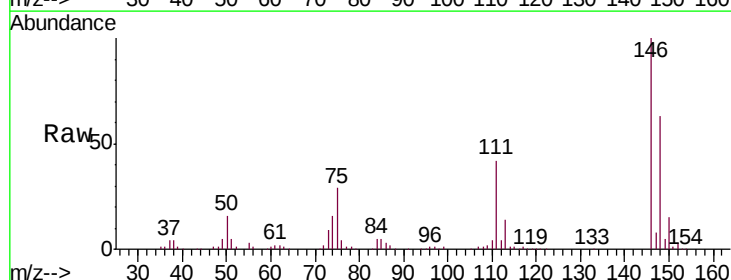
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	40.0	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.841 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
111	42.3	34.4	51.6

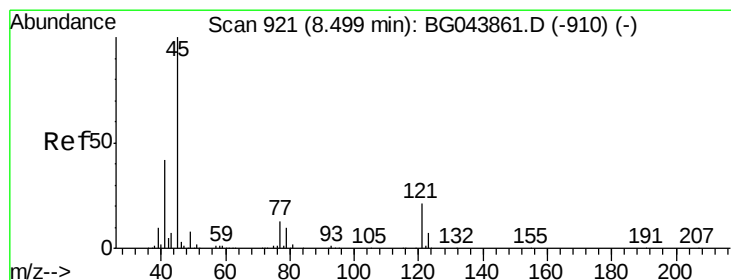
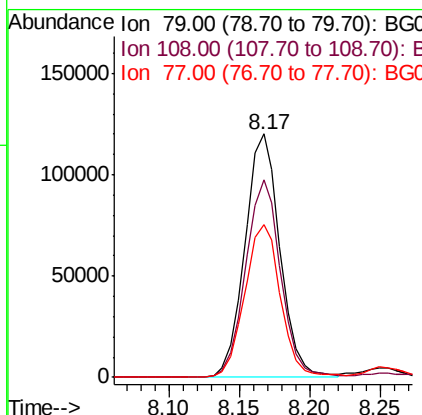
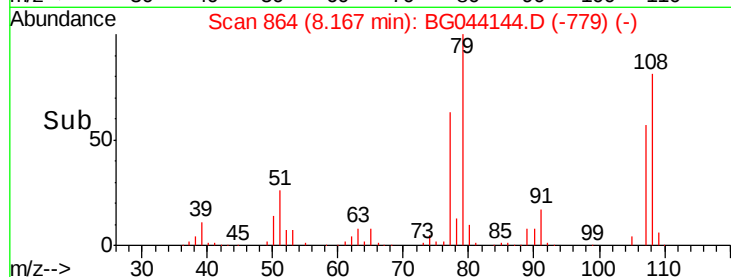
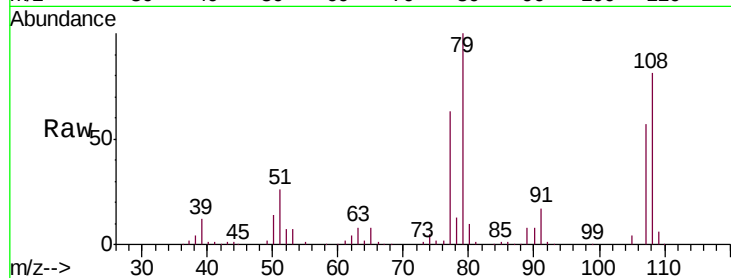




#15
Benzyl Alcohol
Concen: 44.436 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

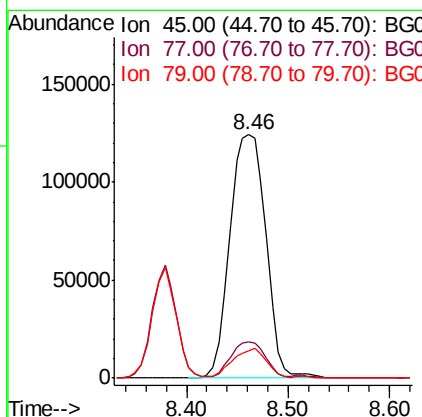
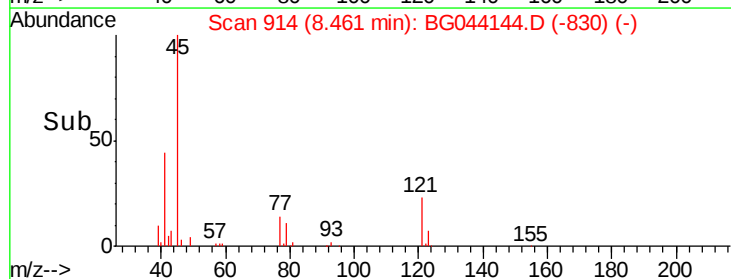
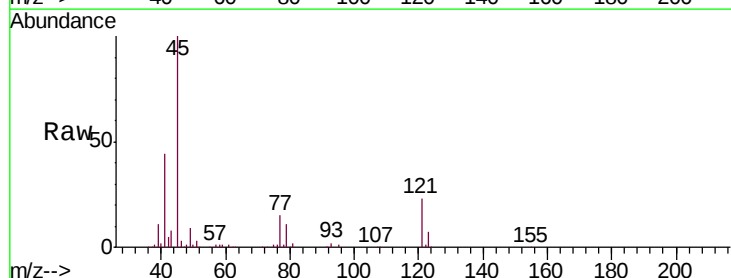
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion: 79 Resp: 209283
Ion Ratio Lower Upper
79 100
108 81.4 65.6 98.4
77 63.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.163 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion: 45 Resp: 305149
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.8
79 11.3 0.0 31.0

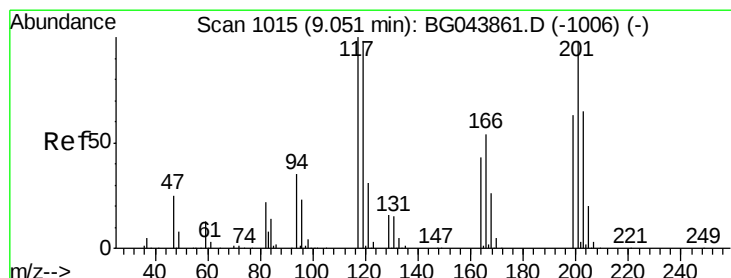
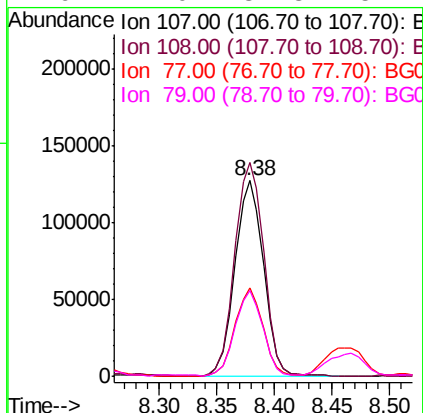
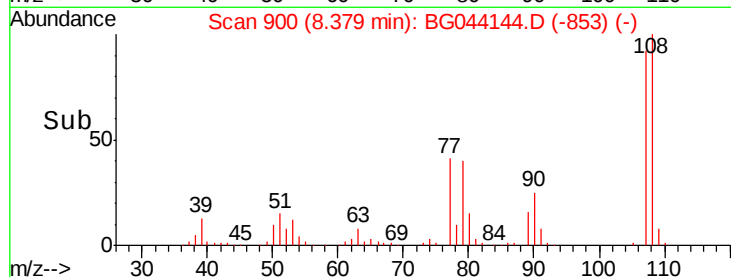
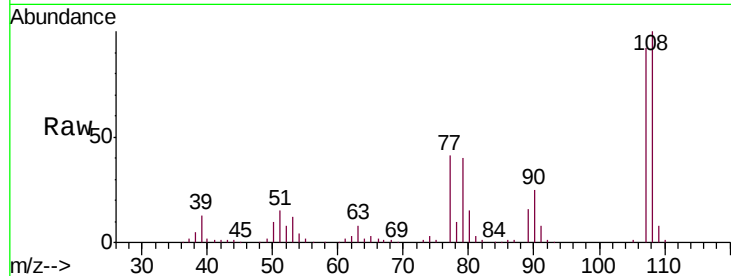




#17
2-Methylphenol
Concen: 48.941 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

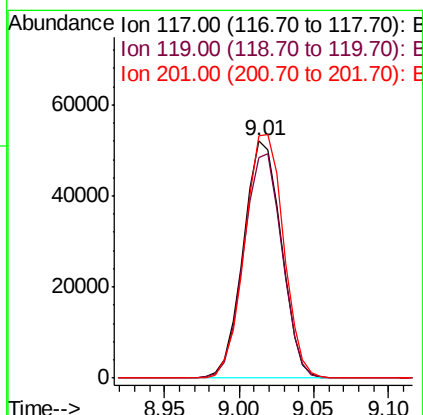
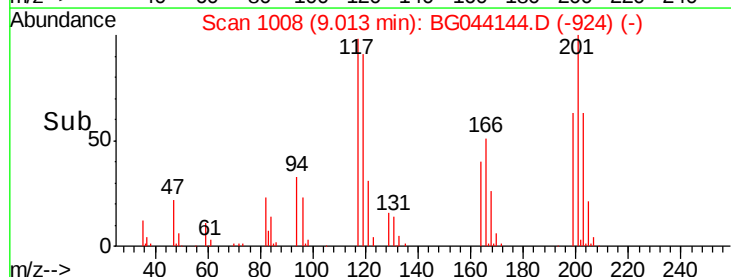
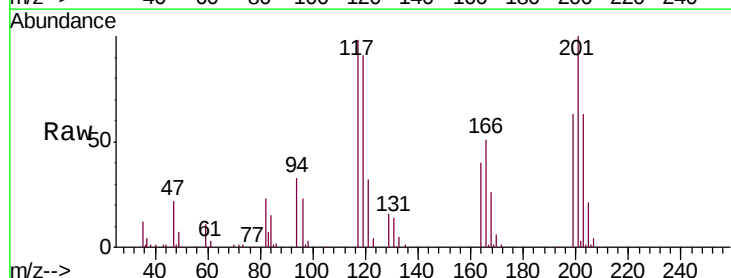
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

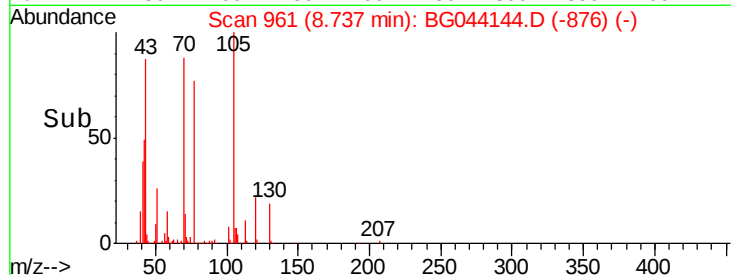
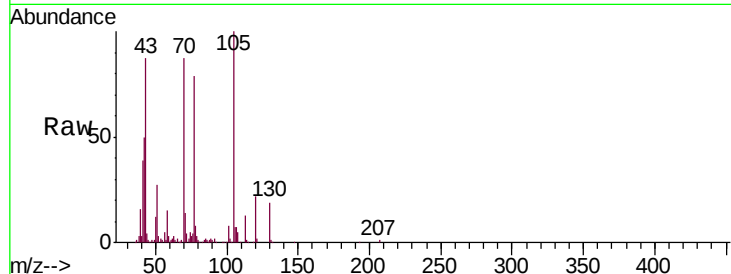
Tgt Ion:107 Resp: 217758
Ion Ratio Lower Upper
107 100
108 109.2 86.1 129.1
77 45.0 35.4 53.0
79 44.0 34.8 52.2



#18
Hexachloroethane
Concen: 40.615 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:117 Resp: 91455
Ion Ratio Lower Upper
117 100
119 93.0 78.1 117.1
201 102.0 78.6 117.8

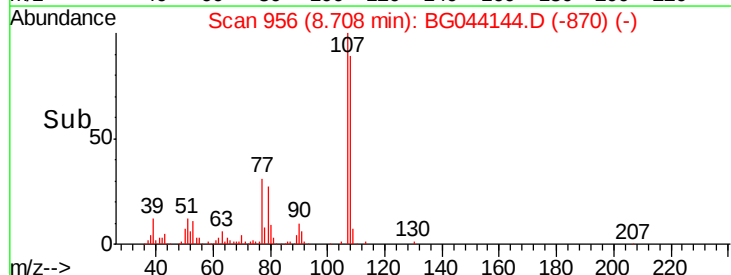
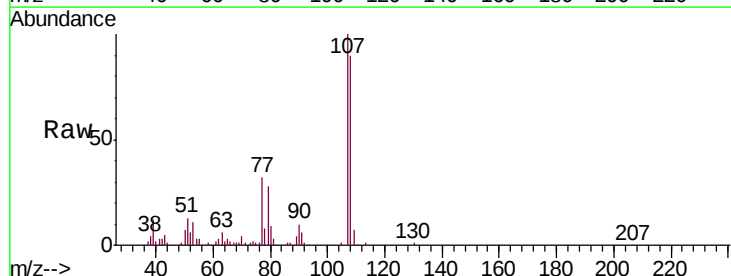
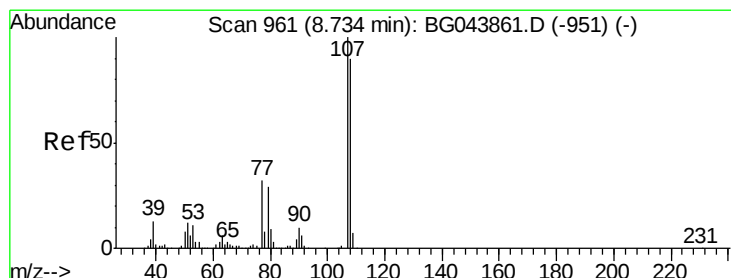
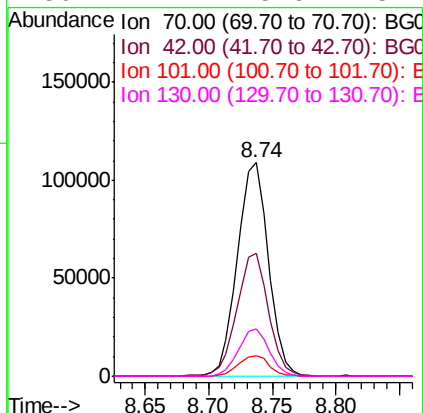




#19
n-Nitroso-di-n-propylamine
Concen: 41.670 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

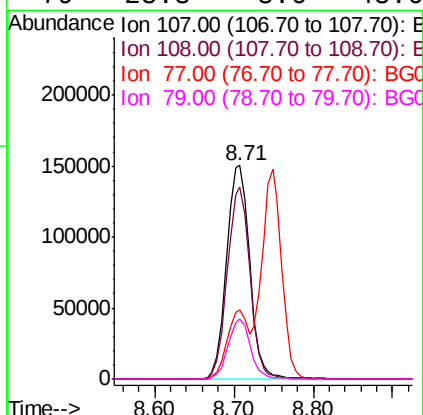
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:	70	Resp:	185187
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.0	70.4
101	9.7	7.2	10.8
130	22.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 48.843 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:	107	Resp:	303172
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.3	110.3
77	32.4	12.4	52.4
79	28.3	8.6	48.6

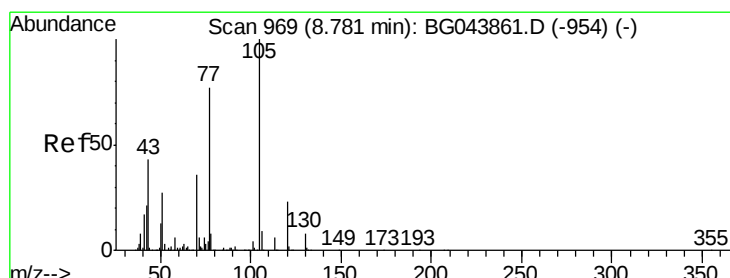
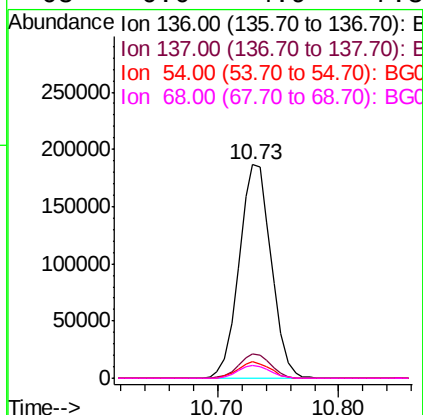
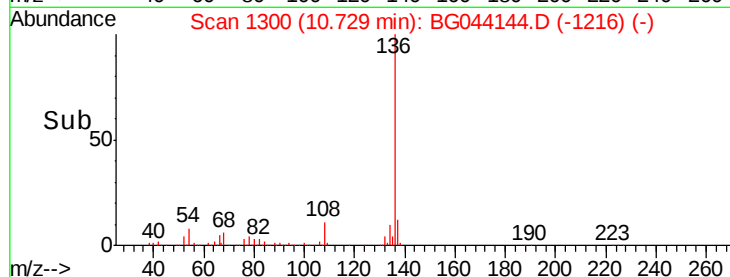
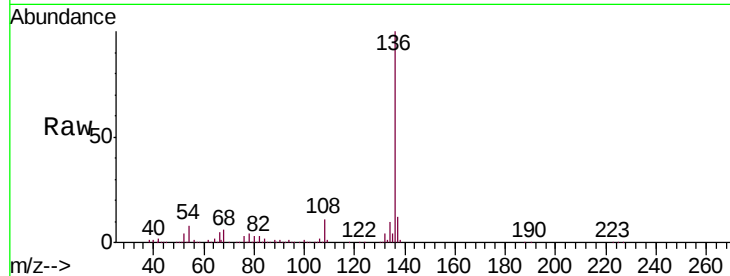




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

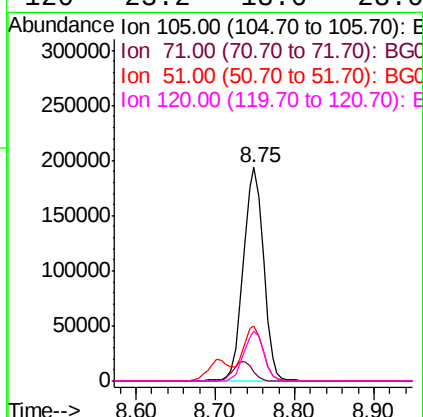
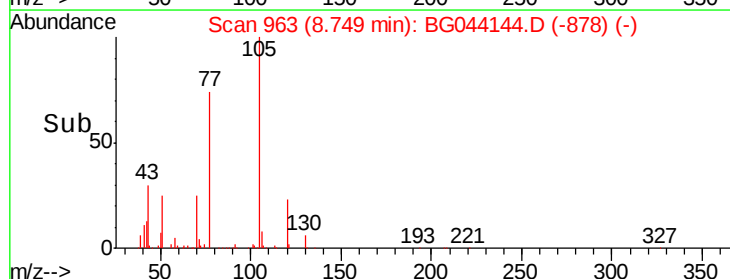
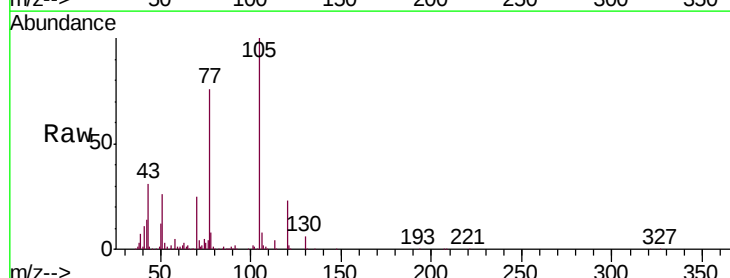
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:	136	Resp:	344787
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.9	7.0	10.4
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 40.134 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:	105	Resp:	344016
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.8	7.2#
51	25.6	21.4	32.0
120	23.2	18.6	28.0





#23

Nitrobenzene-d5

Concen: 70.932 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

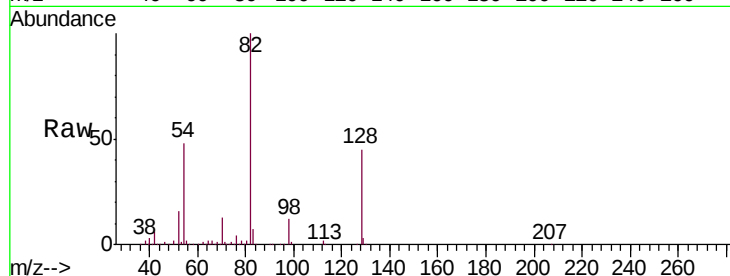
Tgt Ion: 82 Resp: 457163

Ion Ratio Lower Upper

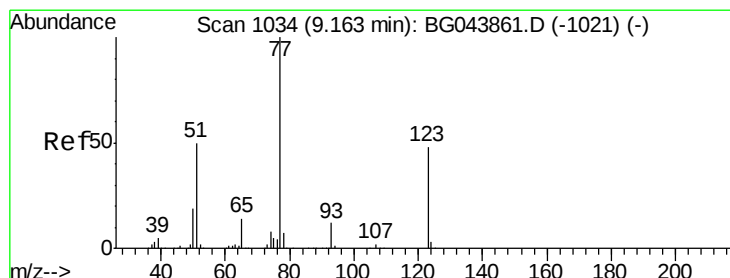
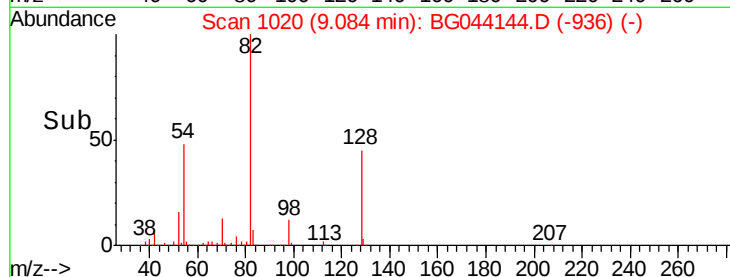
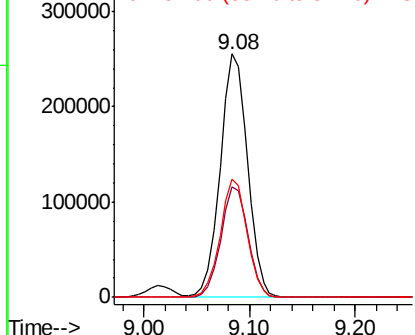
82 100

128 45.2 35.1 52.7

54 48.3 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: 40.879 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

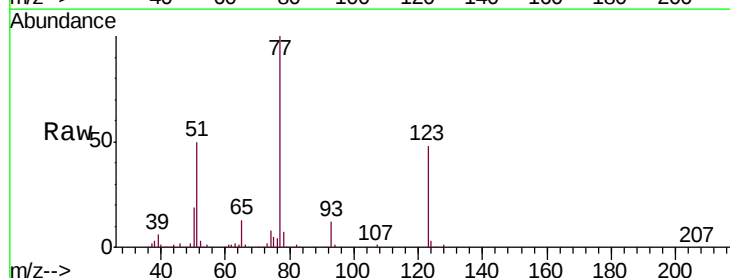
Tgt Ion: 77 Resp: 260950

Ion Ratio Lower Upper

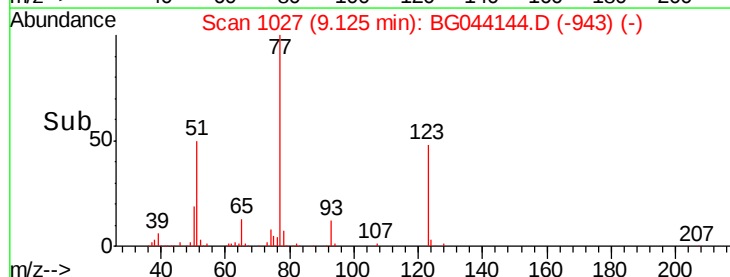
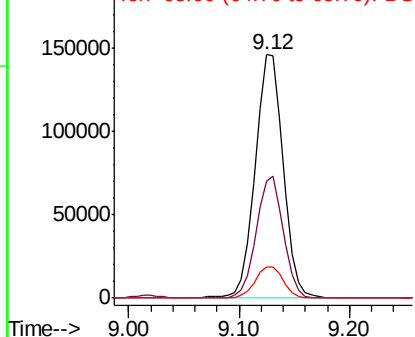
77 100

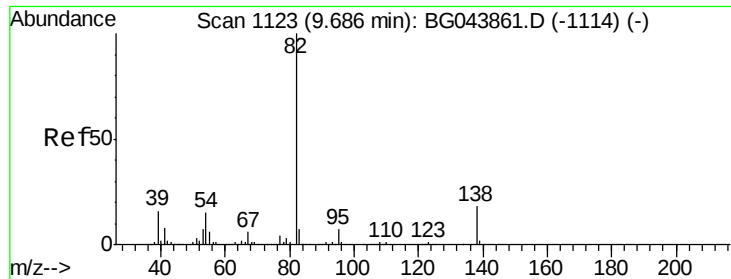
123 48.1 38.7 58.1

65 12.6 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

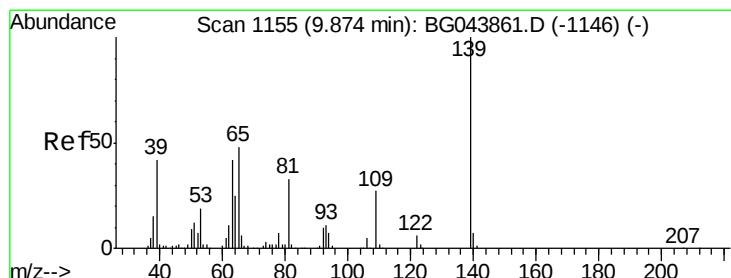
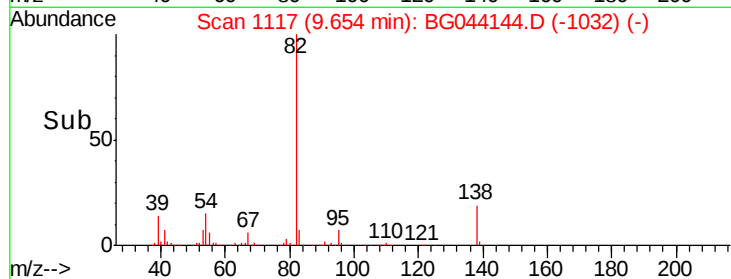
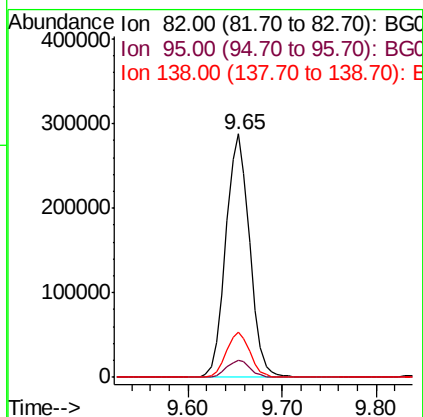
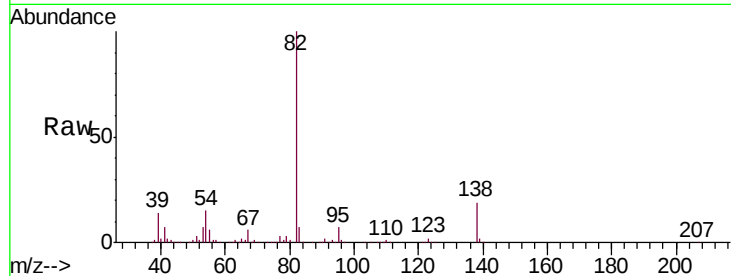




#25
Isophorone
Concen: 41.692 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

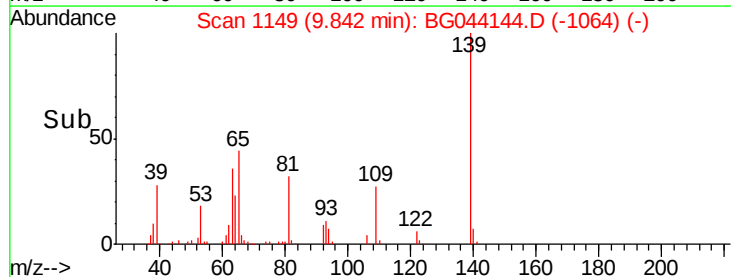
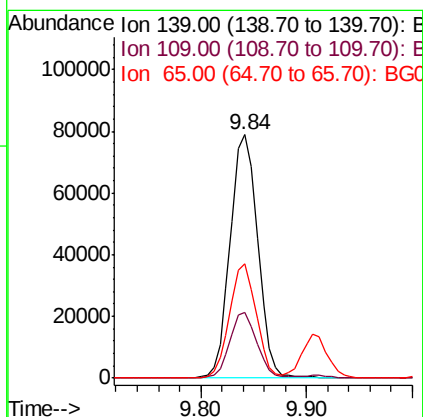
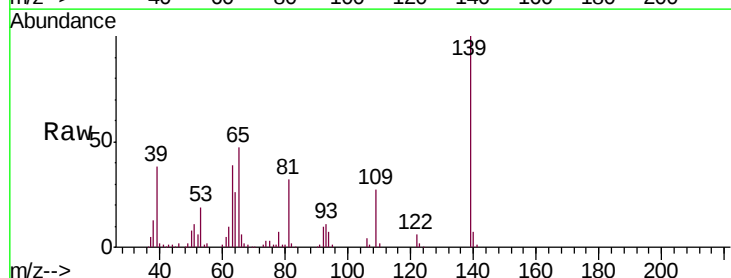
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion: 82 Resp: 504122
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.5 14.6 22.0



#26
2-Nitrophenol
Concen: 47.238 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion: 139 Resp: 142664
Ion Ratio Lower Upper
139 100
109 26.8 21.3 31.9
65 47.1 38.6 57.8

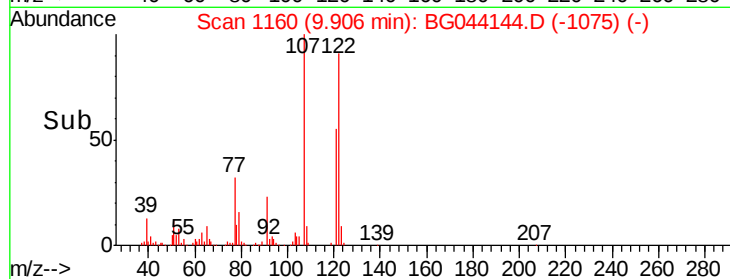
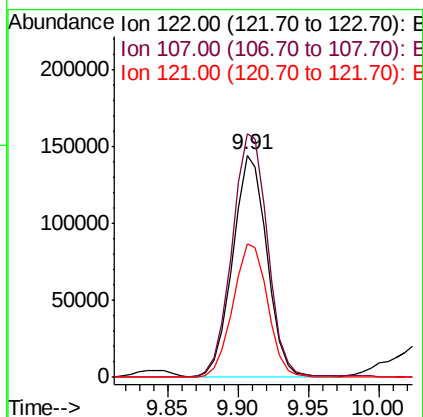
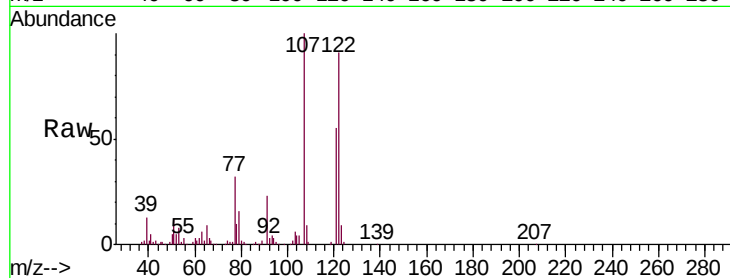




#27
 2,4-Dimethylphenol
 Concen: 53.556 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

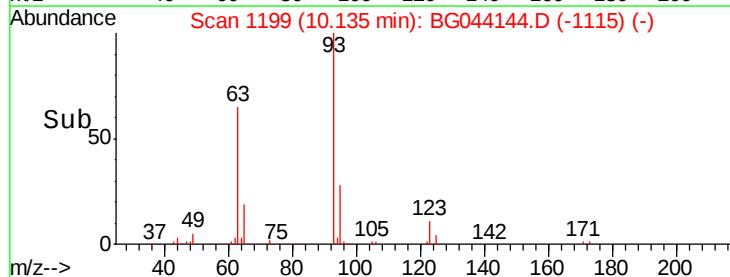
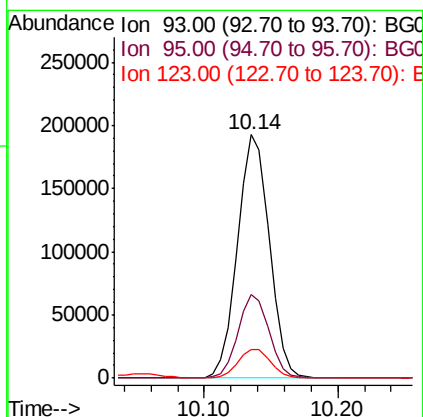
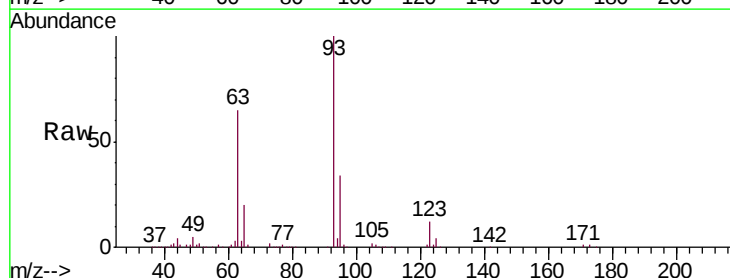
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.7	88.0	132.0
121	60.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.369 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.2	40.8
123	12.0	9.7	14.5

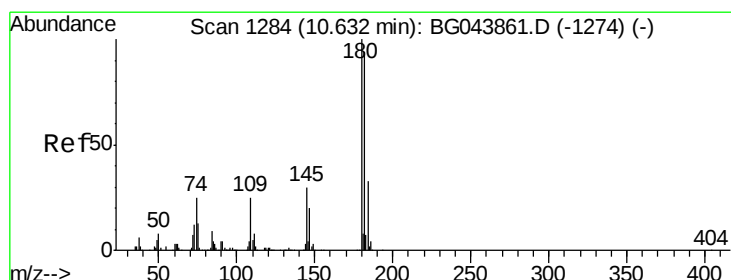
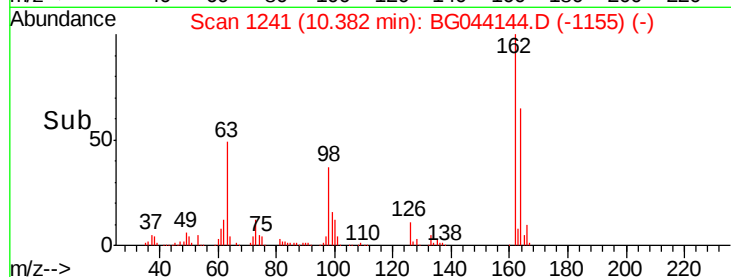
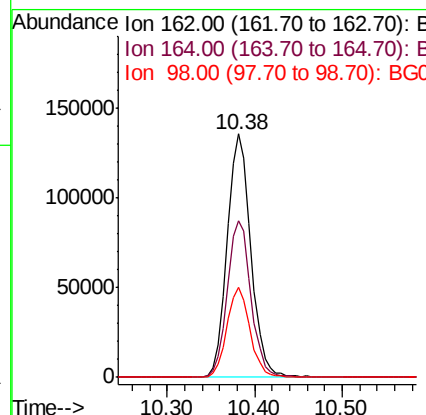
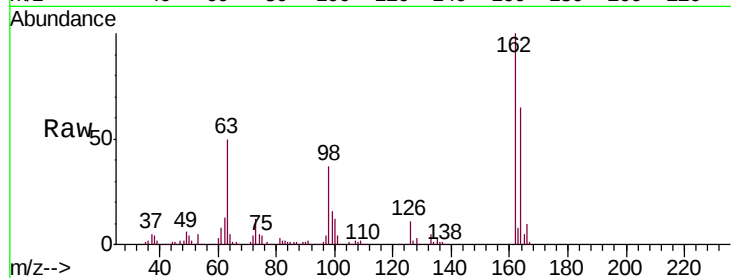




#29
 2,4-Dichlorophenol
 Concen: 46.745 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

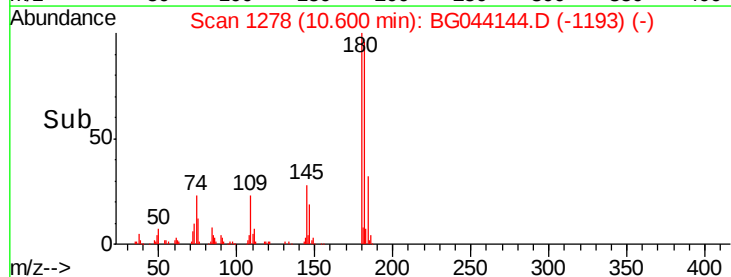
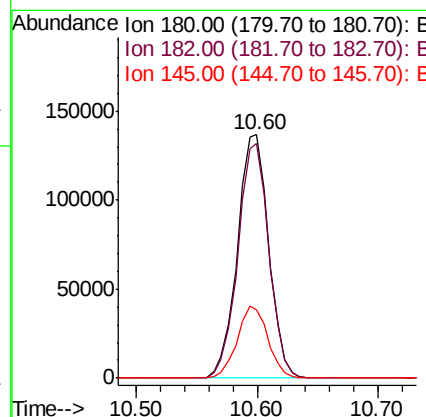
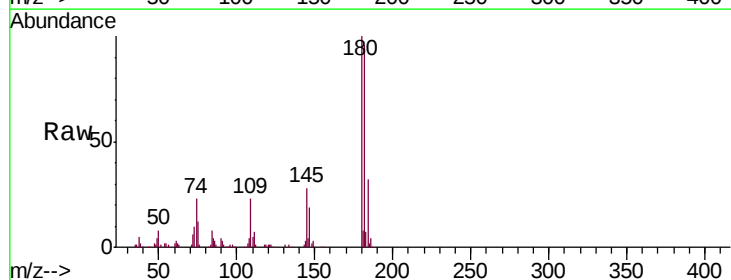
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.3	86.3
98	37.2	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.473 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.0	112.4
145	28.3	24.2	36.4

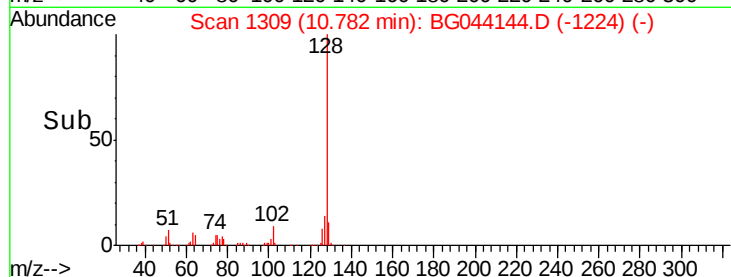
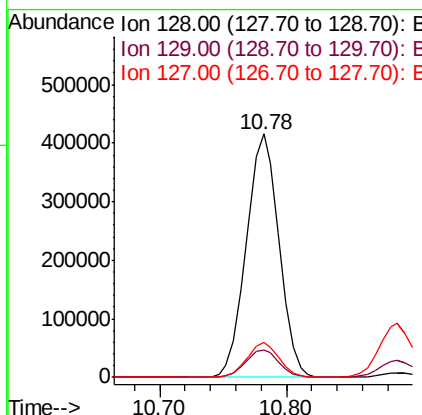
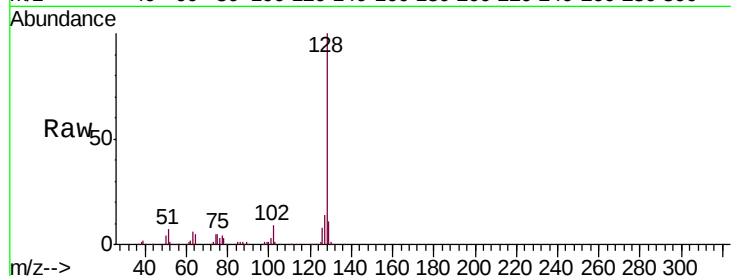




#31
Naphthalene
Concen: 44.597 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

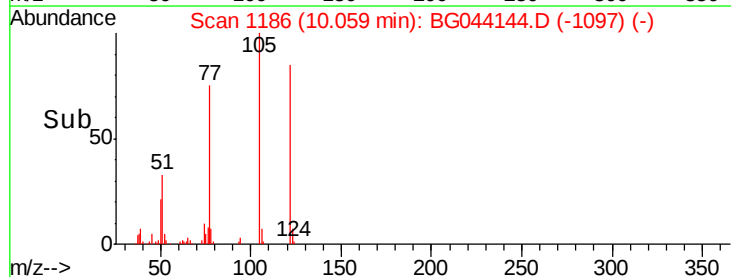
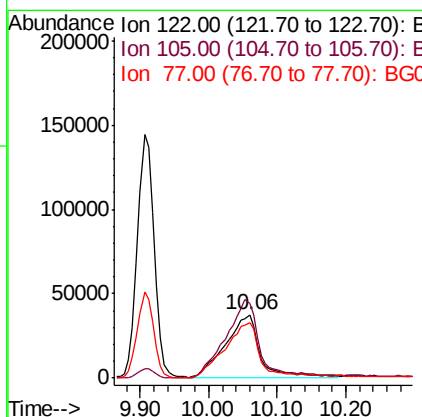
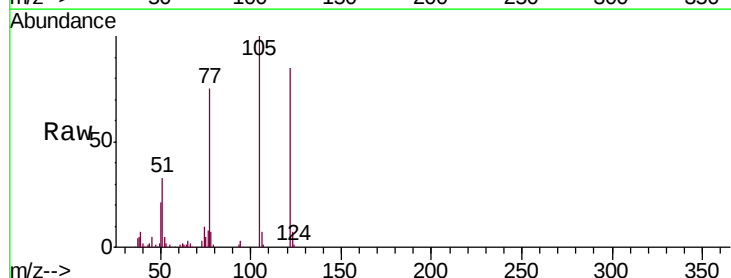
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	14.5	12.0	18.0



#32
Benzoic acid
Concen: 36.464 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	106.4	146.4
77	87.8	74.6	114.6

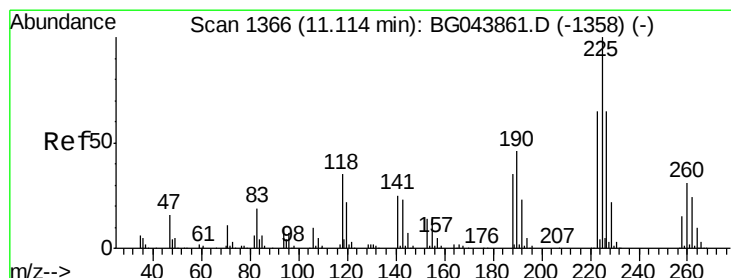
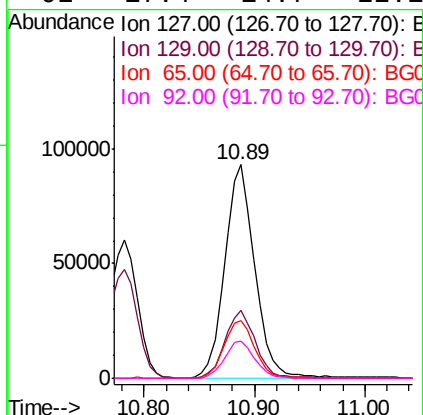
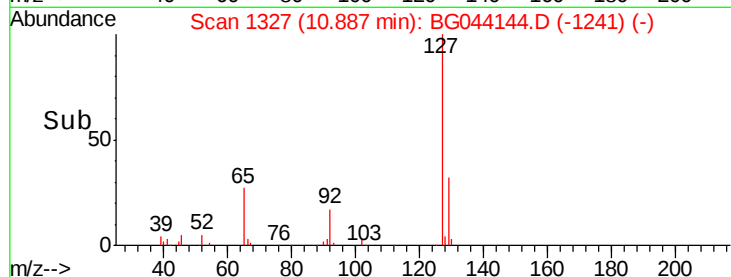
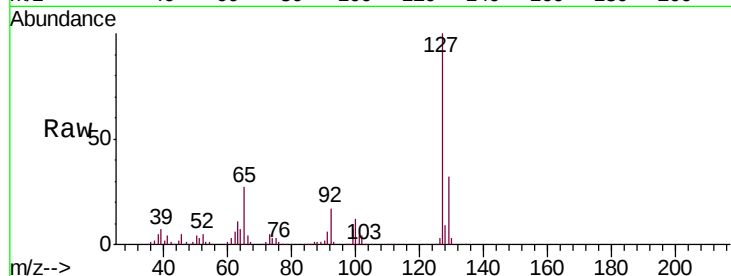




#33
4-Chloroaniline
Concen: 22.327 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

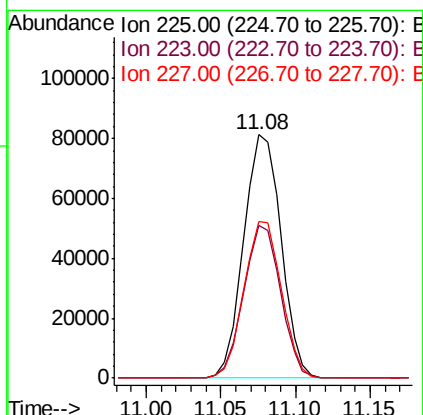
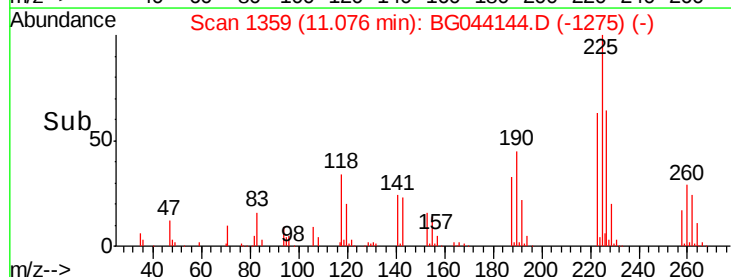
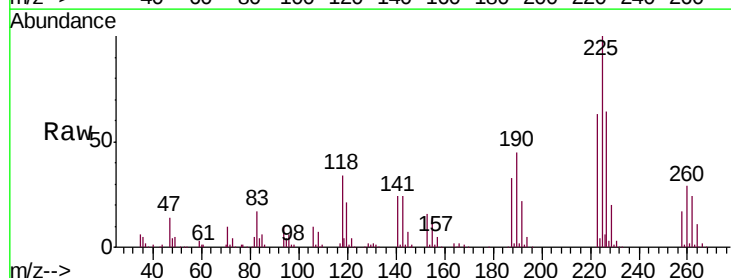
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

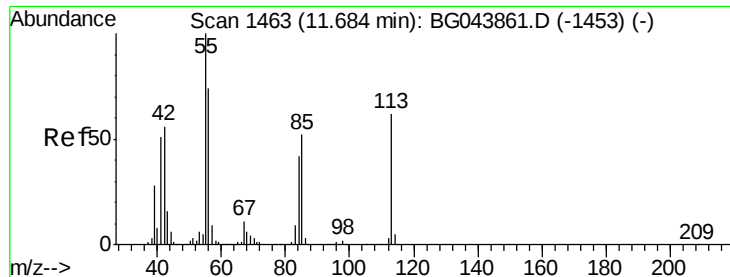
Tgt Ion:	127	Resp:	177677
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	27.2	23.3	34.9
92	17.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 37.995 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:	225	Resp:	141049
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	64.4	52.1	78.1

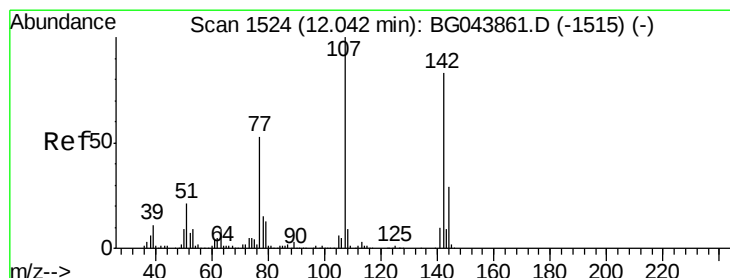
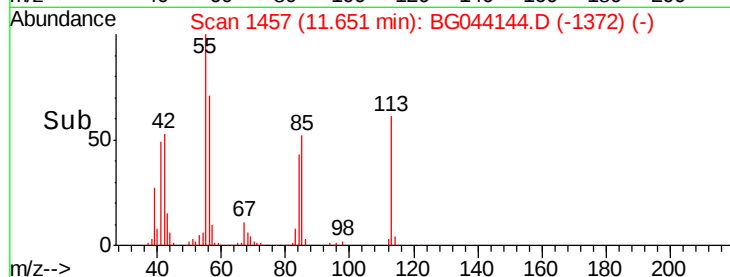
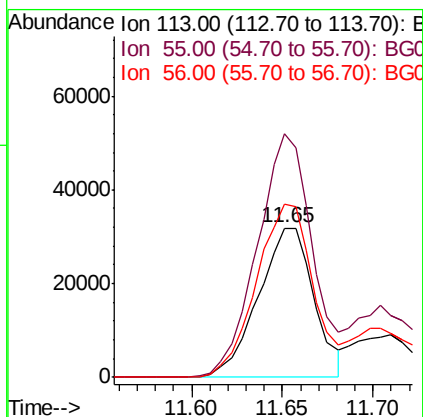
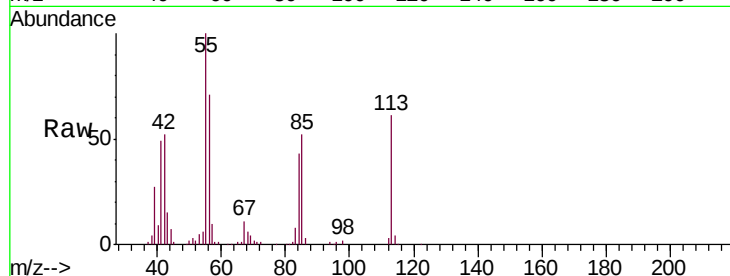




#35
 Caprolactam
 Concen: 33.535 ng
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

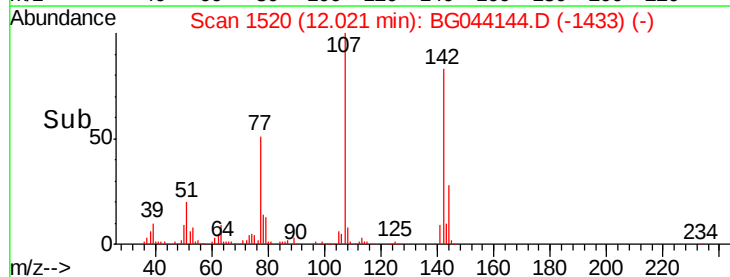
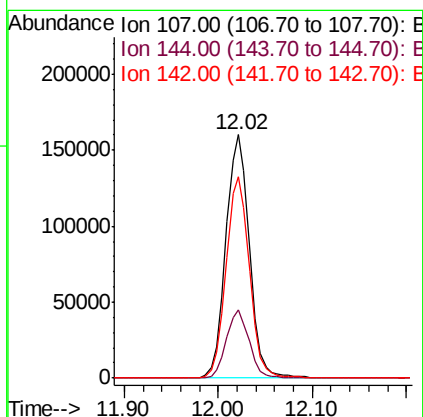
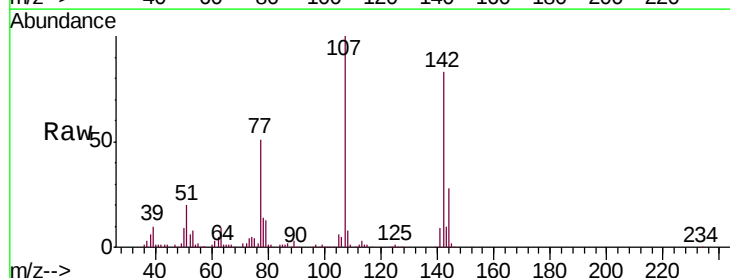
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

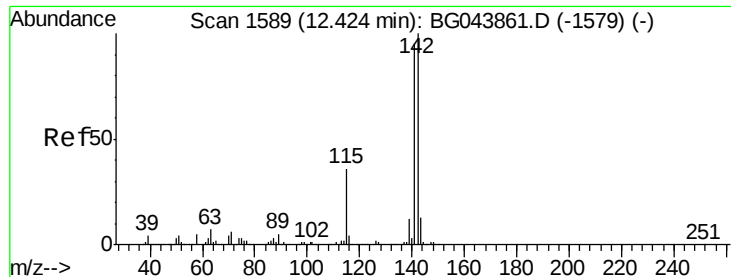
Tgt Ion:113 Resp: 67698
 Ion Ratio Lower Upper
 113 100
 55 163.1 142.5 182.5
 56 115.7 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.207 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. -0.02 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion:107 Resp: 278292
 Ion Ratio Lower Upper
 107 100
 144 28.2 23.4 35.2
 142 83.0 66.3 99.5





#37

2-Methylnaphthalene

Concen: 44.883 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

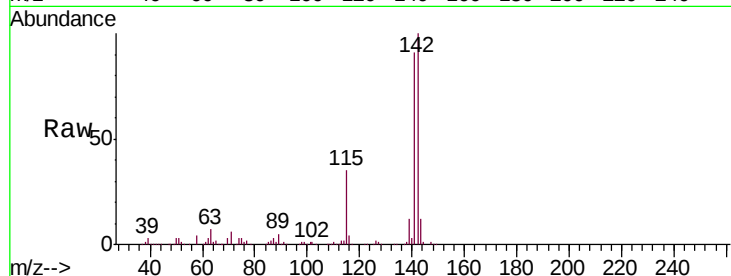
Tgt Ion:142 Resp: 563791

Ion Ratio Lower Upper

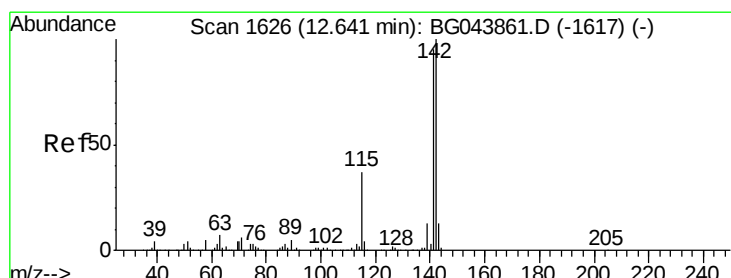
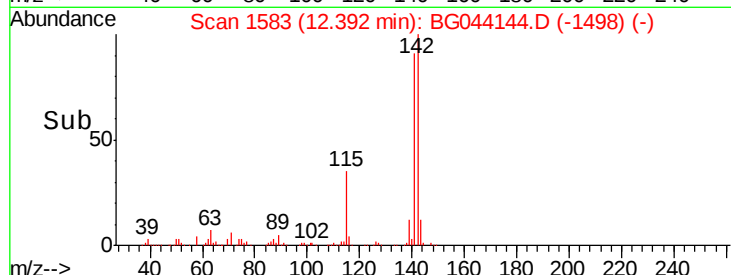
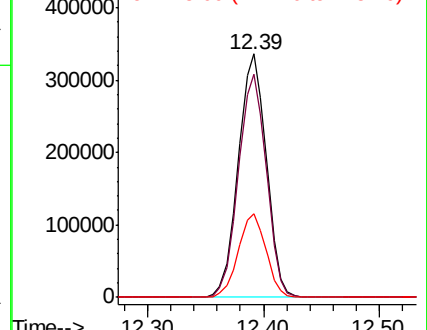
142 100

141 91.4 75.8 113.8

115 34.6 28.6 42.8



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



#38

1-Methylnaphthalene

Concen: 44.867 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

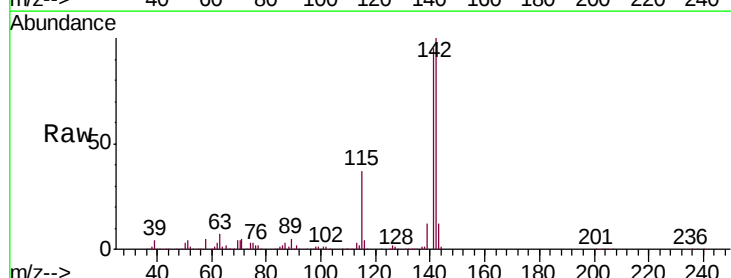
Tgt Ion:142 Resp: 534150

Ion Ratio Lower Upper

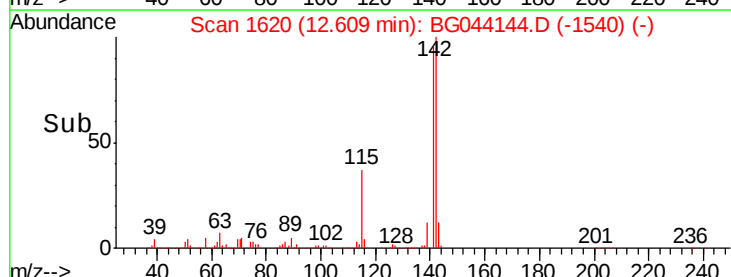
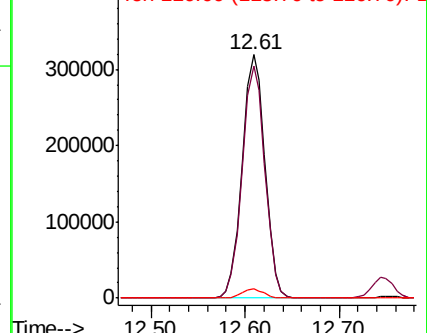
142 100

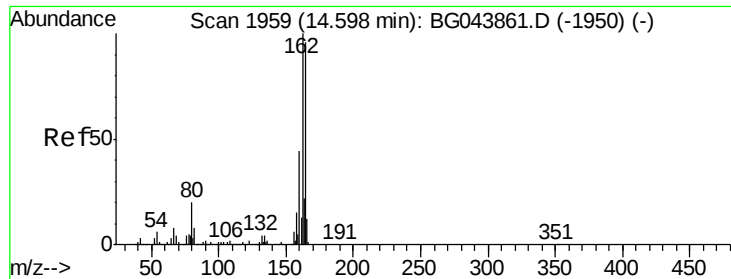
141 95.4 76.0 114.0

116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

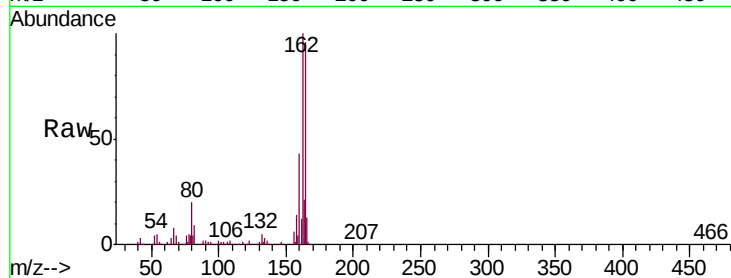
Tgt Ion:164 Resp: 232660

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

160 44.6 36.1 54.1

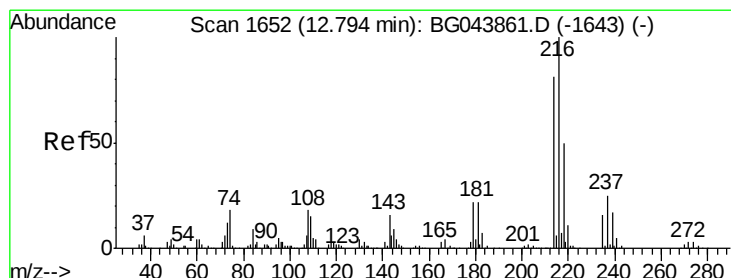
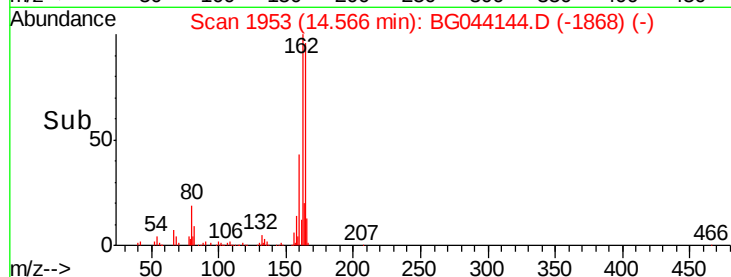
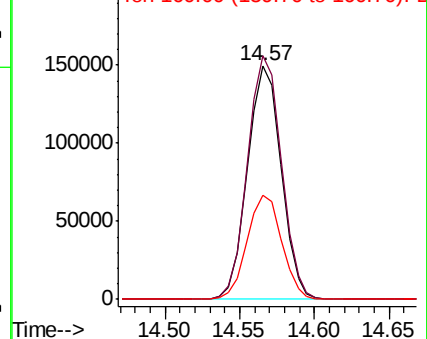


Abundance

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: 38.975 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Tgt Ion:216 Resp: 265784

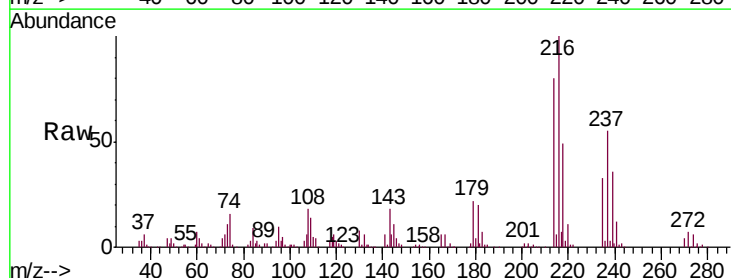
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.5 17.3 25.9

108 21.1 15.3 22.9



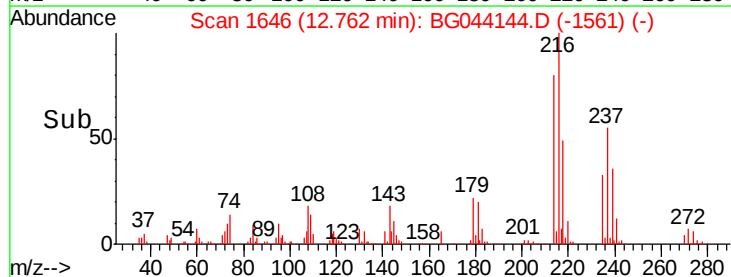
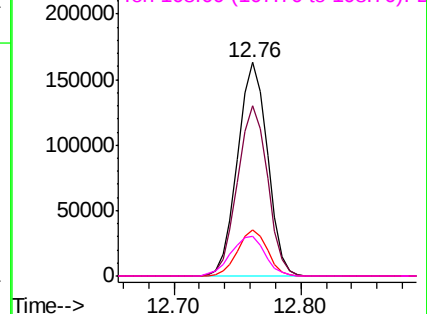
Abundance

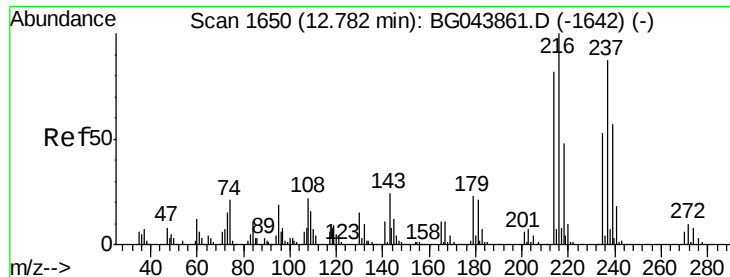
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.604 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

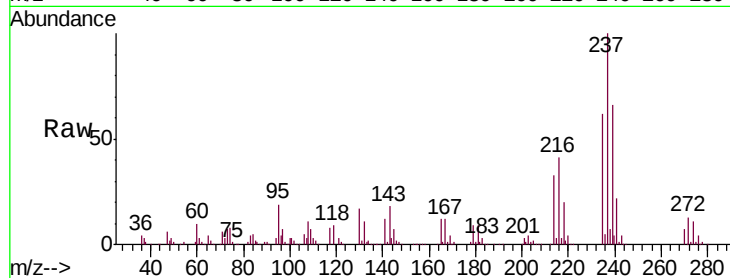
Tgt Ion: 237 Resp: 348603

Ion Ratio Lower Upper

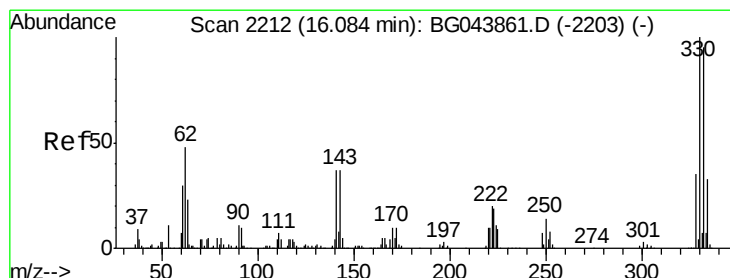
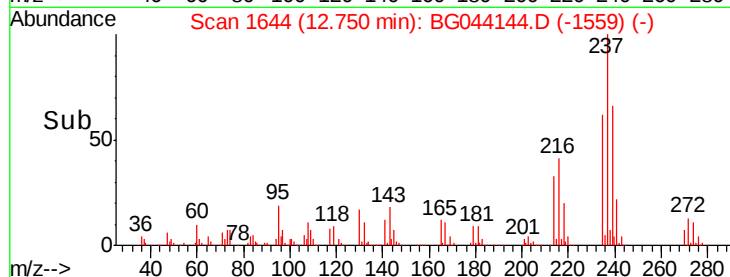
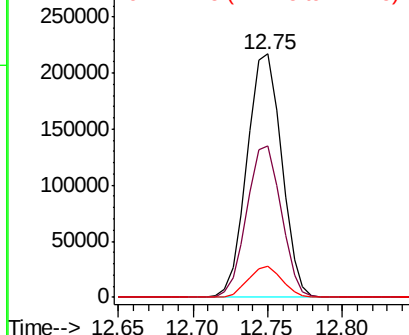
237 100

235 62.4 41.1 81.1

272 12.6 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: 139.150 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

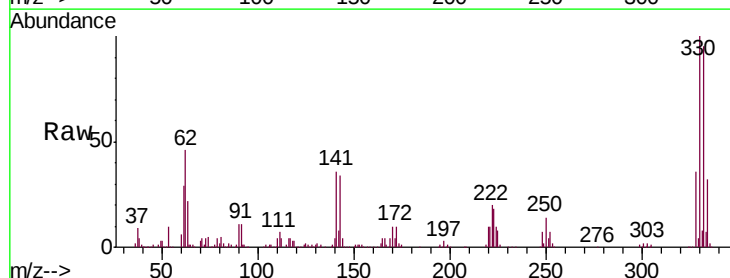
Tgt Ion: 330 Resp: 338793

Ion Ratio Lower Upper

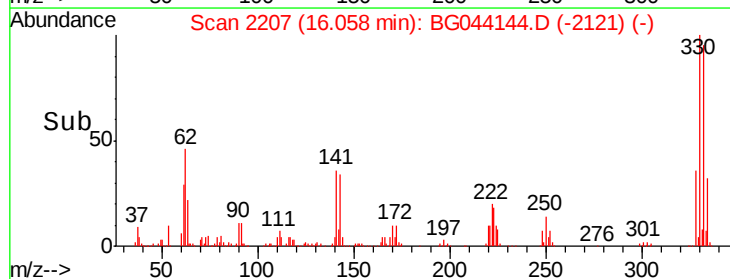
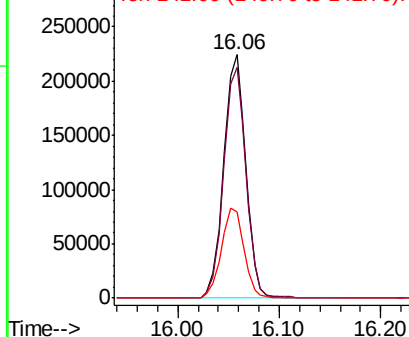
330 100

332 95.4 77.2 115.8

141 38.1 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

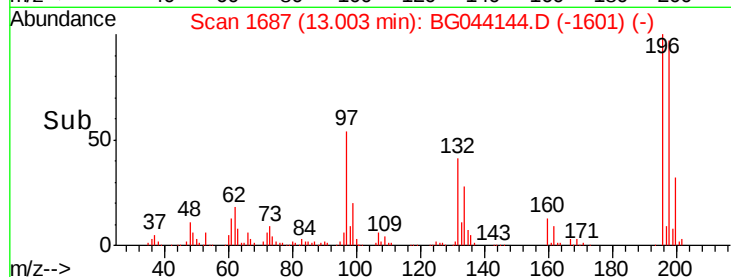
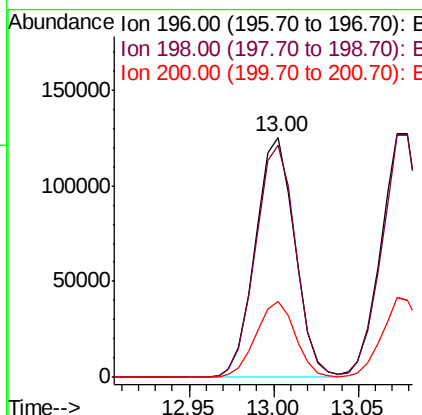
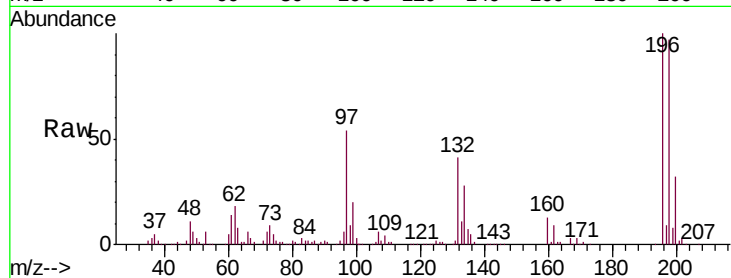




#43
 2,4,6-Trichlorophenol
 Concen: 43.481 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

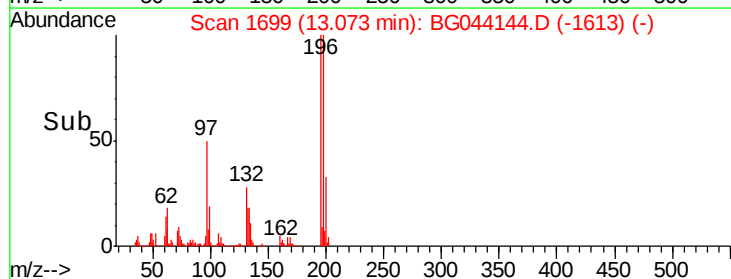
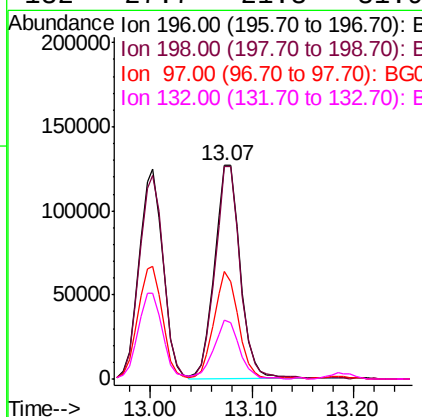
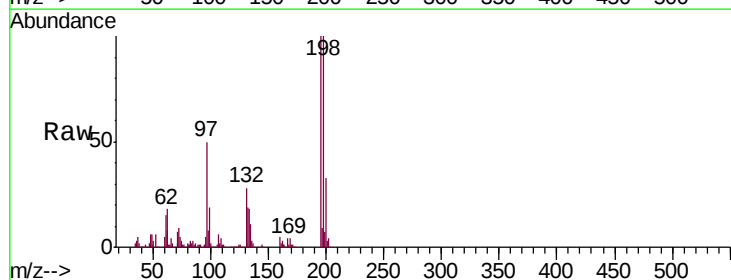
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion:196 Resp: 204024
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 31.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.997 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion:196 Resp: 222601
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 97 50.2 38.8 58.2
 132 27.7 21.3 31.9

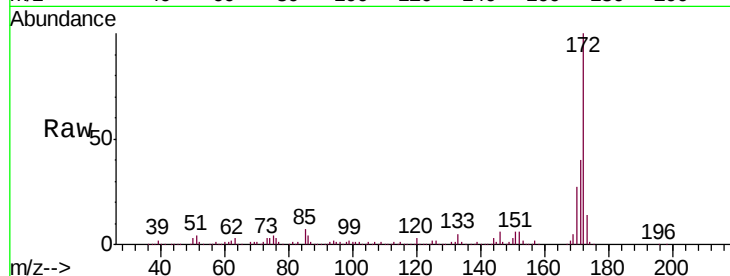




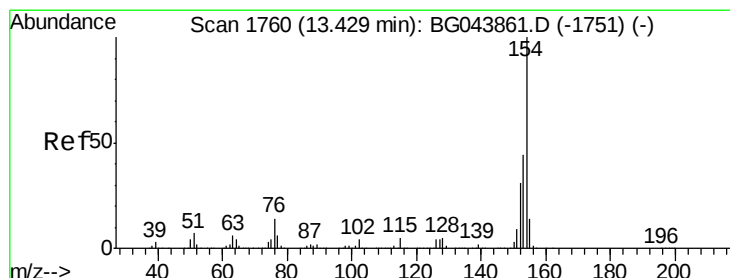
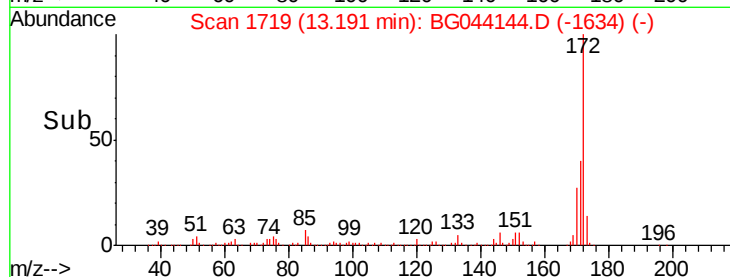
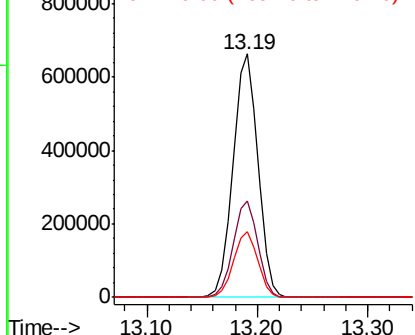
#45
 2-Fluorobiphenyl
 Concen: 81.399 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion:172 Resp: 1045295
 Ion Ratio Lower Upper
 172 100
 171 39.5 35.8 53.8
 170 26.7 24.2 36.4

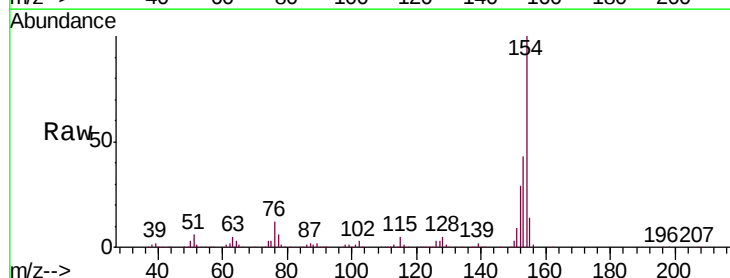


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

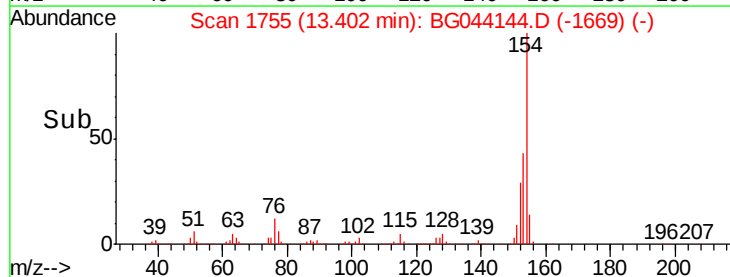
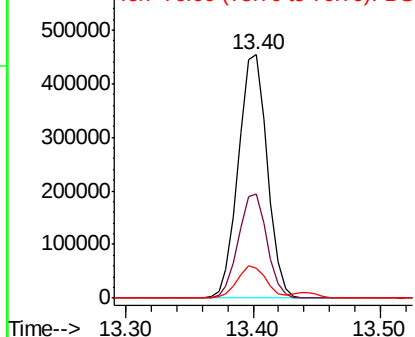


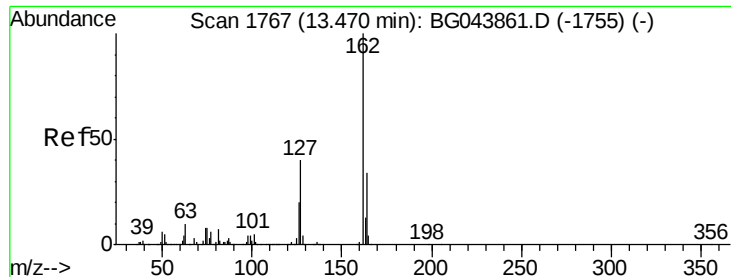
#46
 1,1'-Biphenyl
 Concen: 42.906 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion:154 Resp: 715737
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.6 63.6
 76 12.4 0.0 34.4



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





#47

2-Chloronaphthalene

Concen: 41.631 ng

RT: 13.44 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

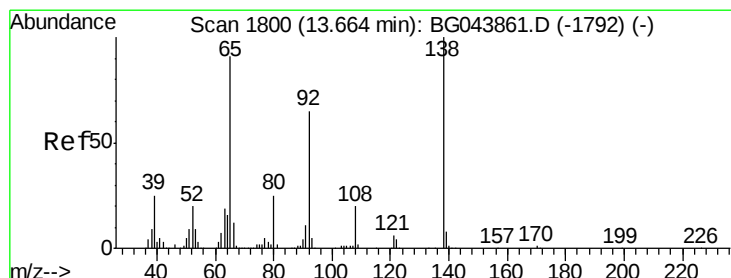
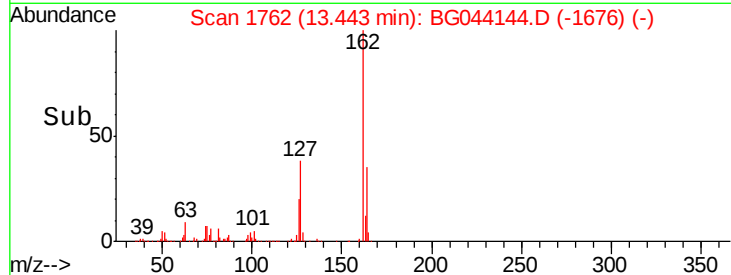
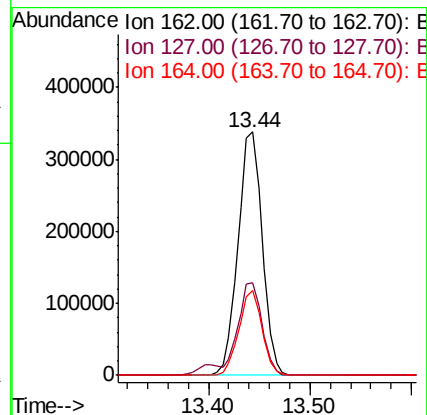
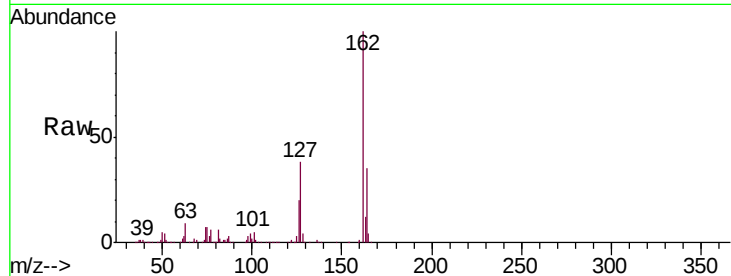
Tgt Ion:162 Resp: 561169

Ion Ratio Lower Upper

162 100

127 38.0 32.1 48.1

164 34.6 27.5 41.3



#48

2-Nitroaniline

Concen: 40.563 ng

RT: 13.64 min Scan# 1795

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

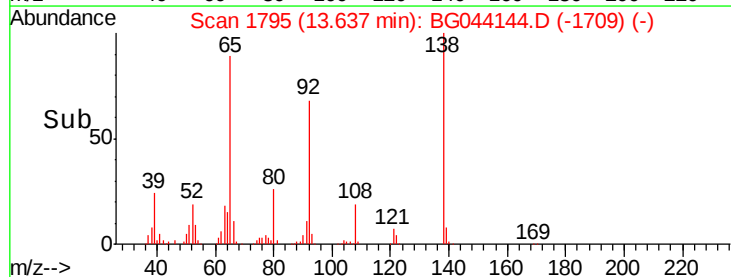
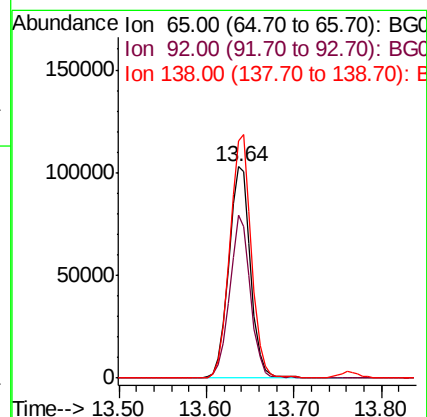
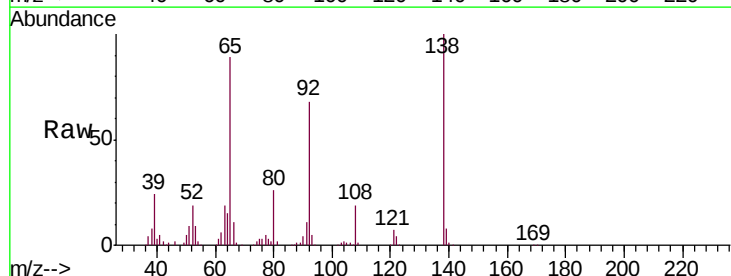
Tgt Ion: 65 Resp: 175881

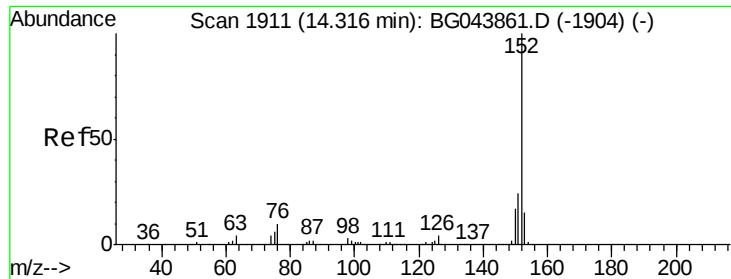
Ion Ratio Lower Upper

65 100

92 76.9 57.4 86.2

138 112.5 88.2 132.4





#49

Acenaphthylene

Concen: 46.397 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

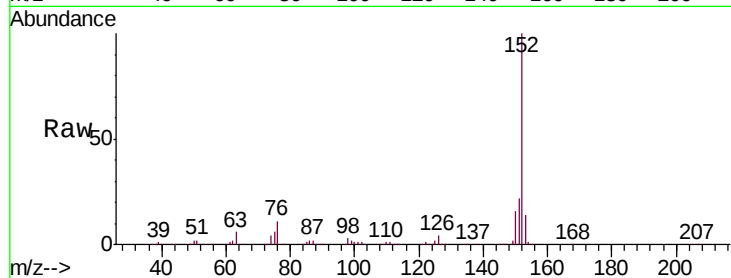
Tgt Ion:152 Resp: 898905

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

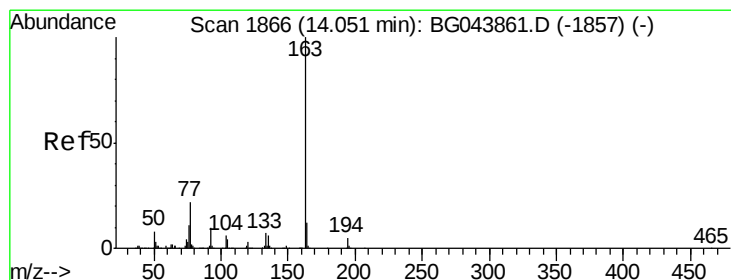
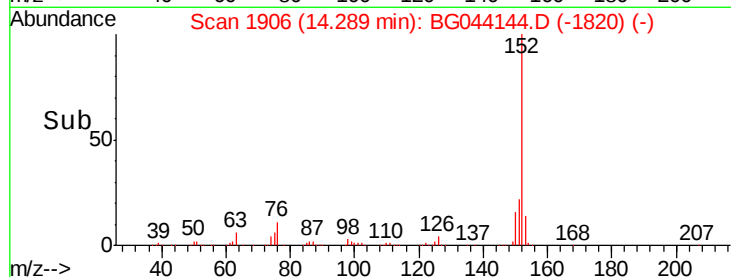
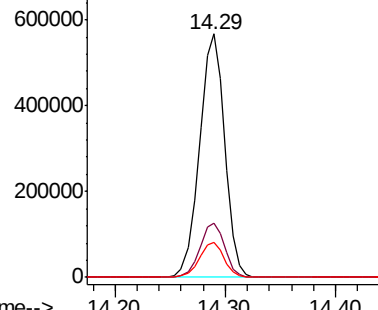
153 14.2 12.0 18.0



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: 43.647 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

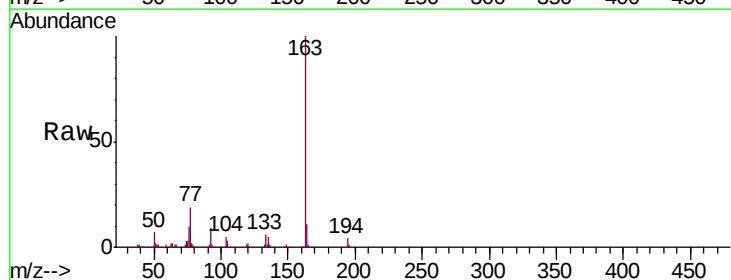
Tgt Ion:163 Resp: 721031

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

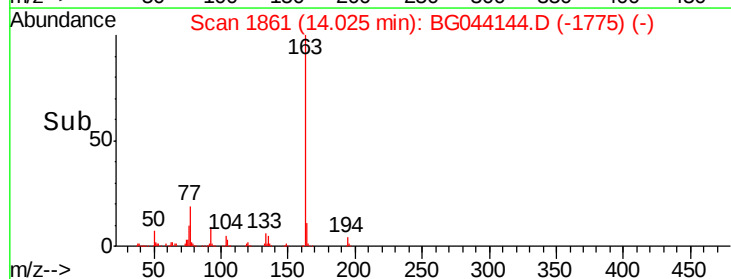
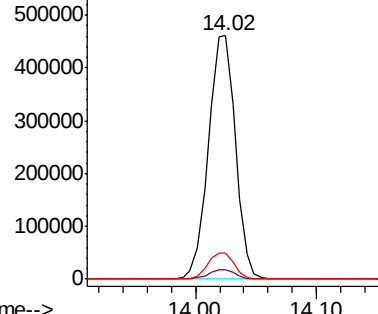
164 10.8 9.3 13.9



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

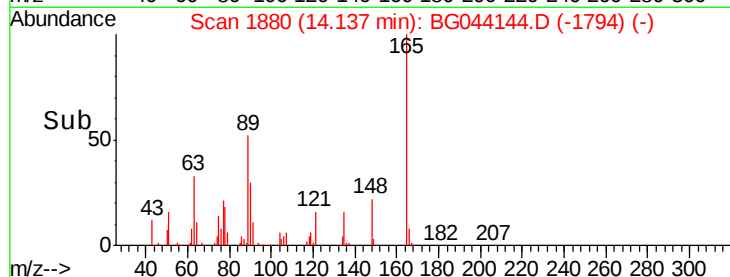
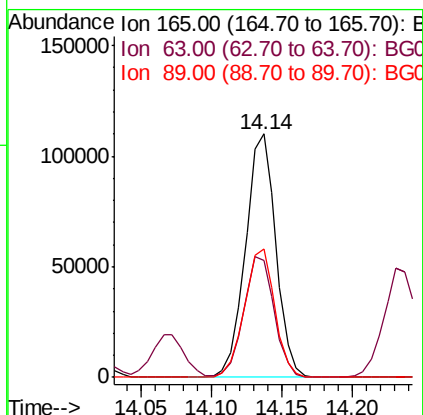
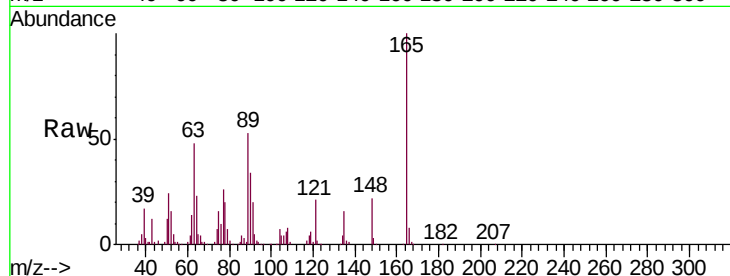




#51
 2,6-Dinitrotoluene
 Concen: 44.374 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

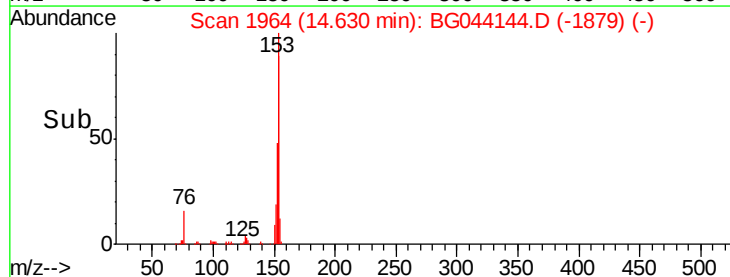
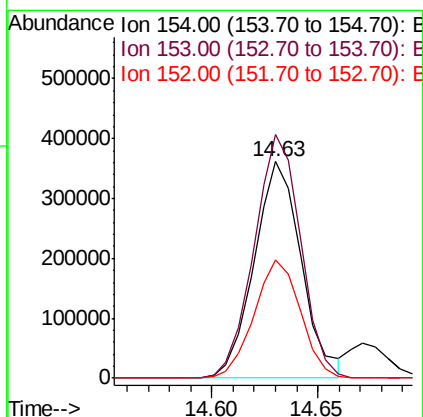
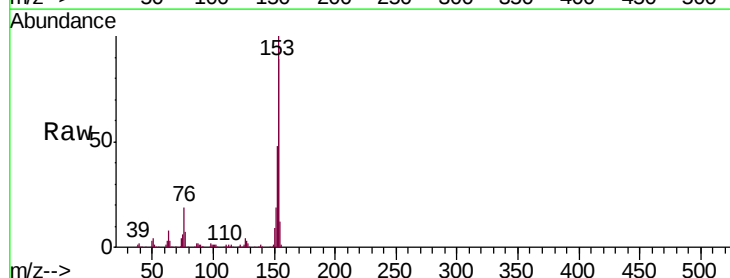
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.8	43.1	64.7
89	53.0	43.8	65.6



#52
 Acenaphthene
 Concen: 41.404 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.6	137.4
152	54.6	45.4	68.0

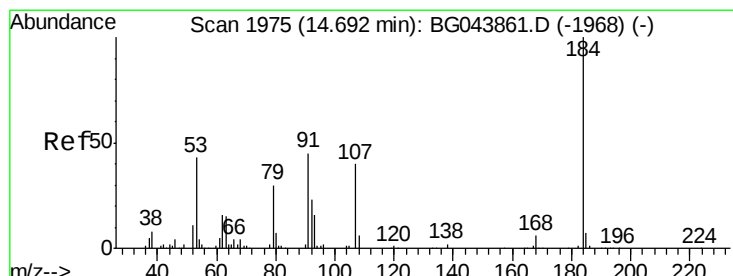
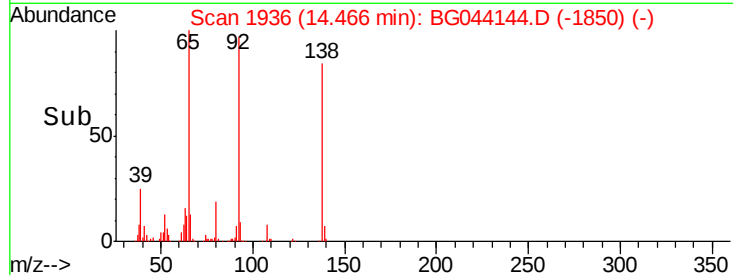
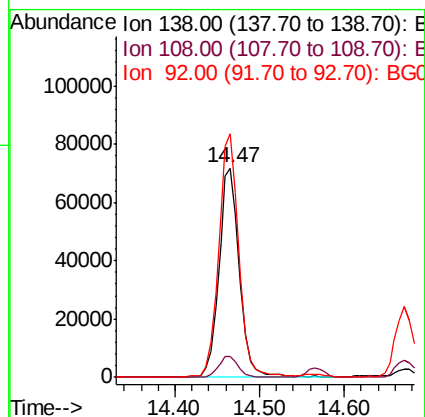
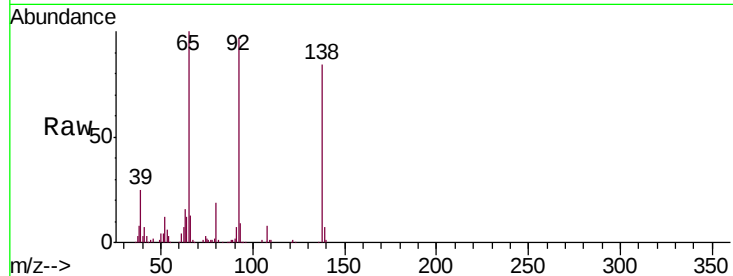




#53
3-Nitroaniline
Concen: 28.683 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

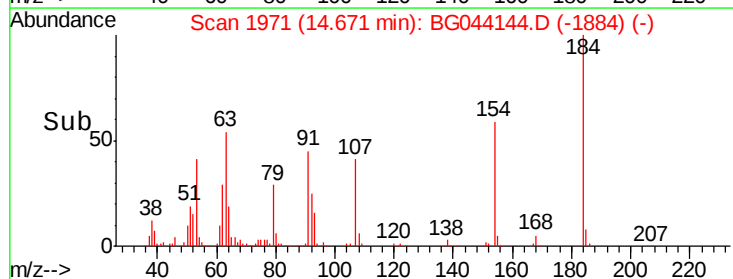
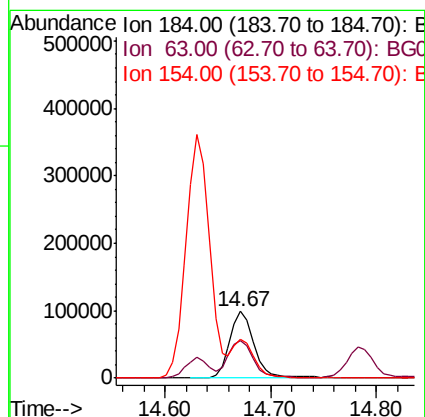
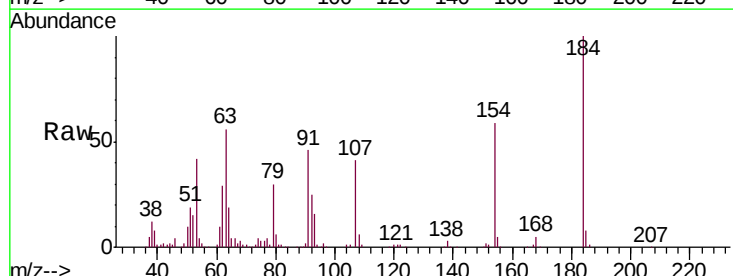
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

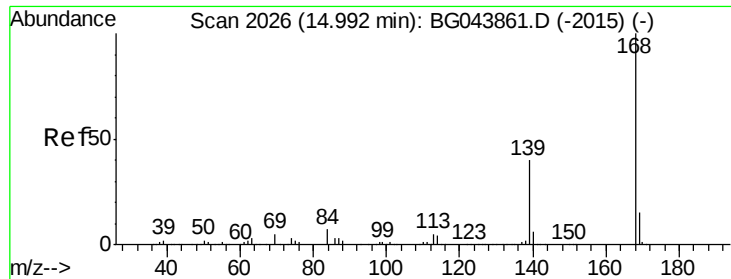
Tgt Ion:138 Resp: 121620
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 116.2 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 84.327 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:184 Resp: 161014
Ion Ratio Lower Upper
184 100
63 55.9 46.6 70.0
154 58.7 50.2 75.4

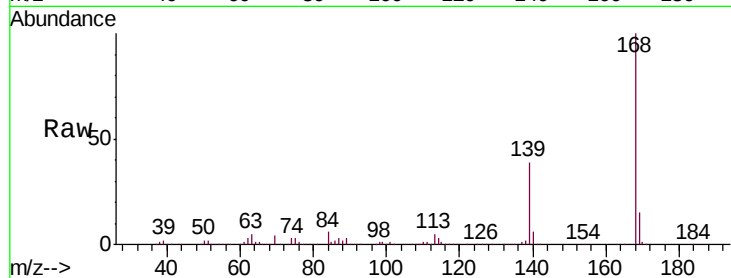




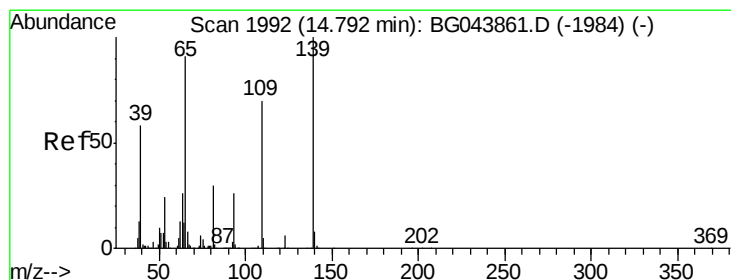
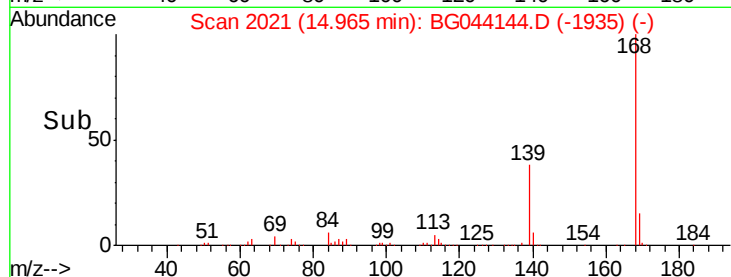
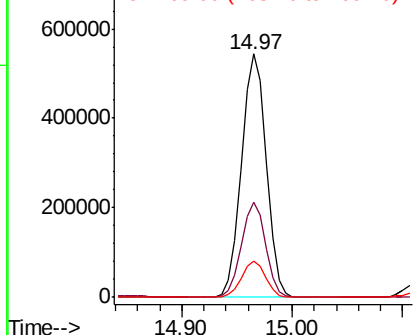
#55
Dibenzofuran
Concen: 45.938 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:168 Resp: 859215
Ion Ratio Lower Upper
168 100
139 39.1 32.2 48.2
169 14.8 12.2 18.2

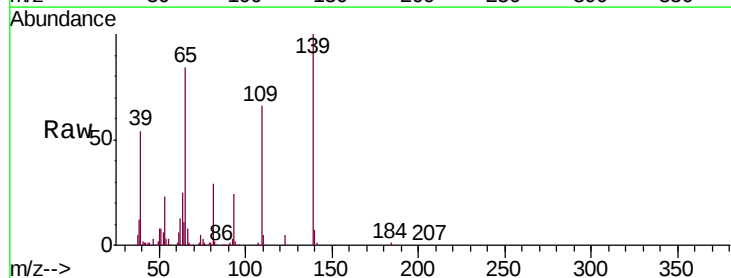


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

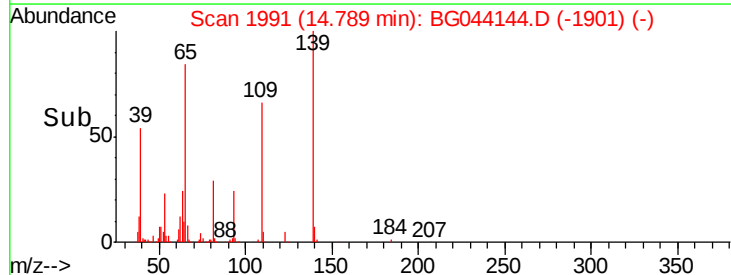
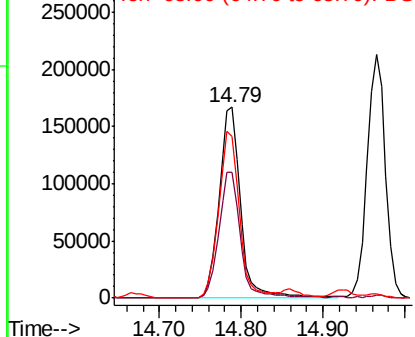


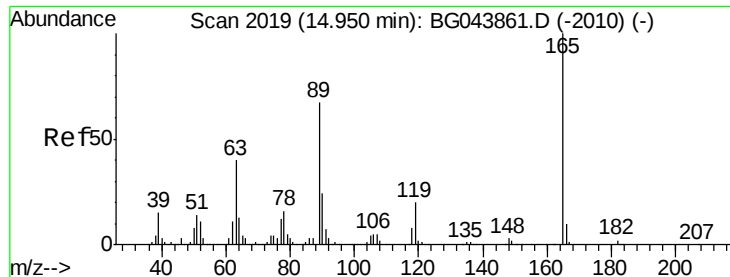
#56
4-Nitrophenol
Concen: 94.010 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:139 Resp: 305461
Ion Ratio Lower Upper
139 100
109 66.1 50.4 90.4
65 84.3 71.4 111.4



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

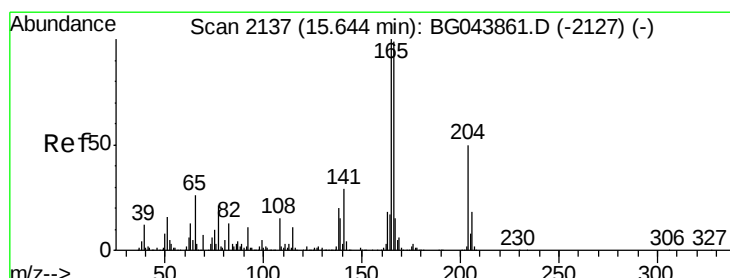
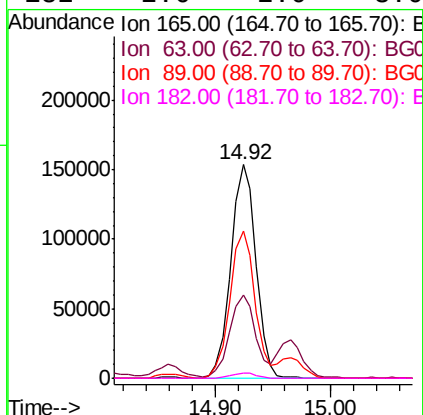
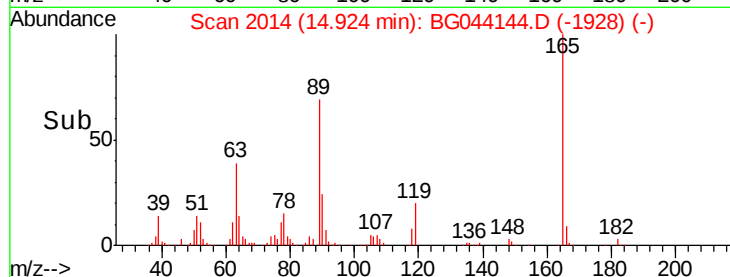
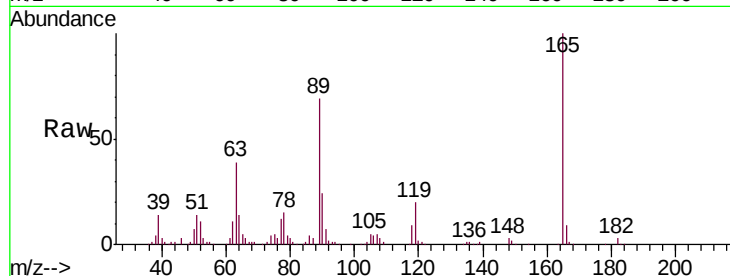




#57
 2,4-Dinitrotoluene
 Concen: 45.344 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

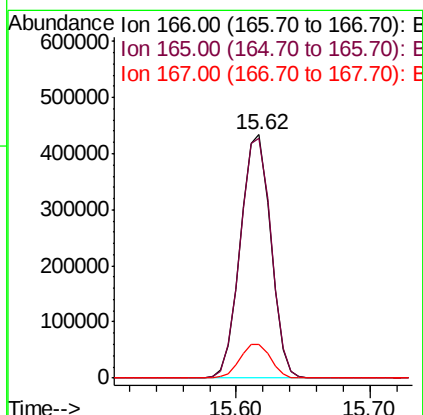
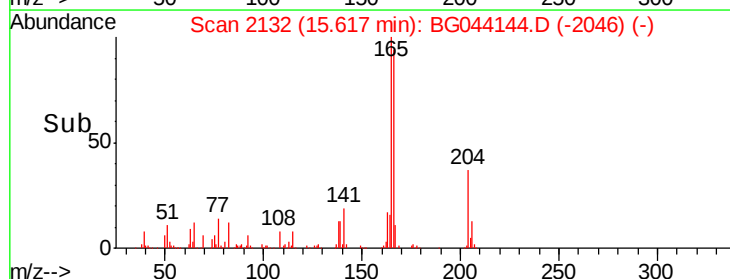
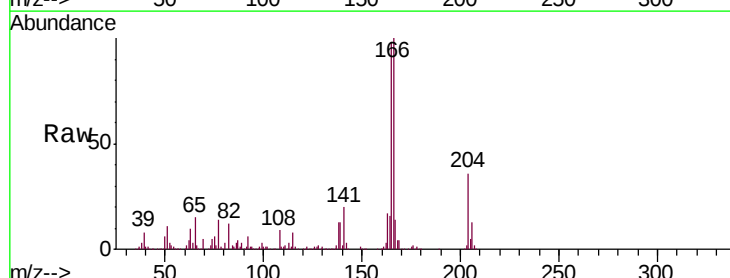
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion:	165	Resp:	230377
Ion	Ratio	Lower	Upper
165	100		
63	39.0	31.9	47.9
89	68.6	53.8	80.6
182	2.6	2.0	3.0



#58
 Fluorene
 Concen: 45.862 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion:	166	Resp:	679889
Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.8	121.2
167	13.9	12.1	18.1

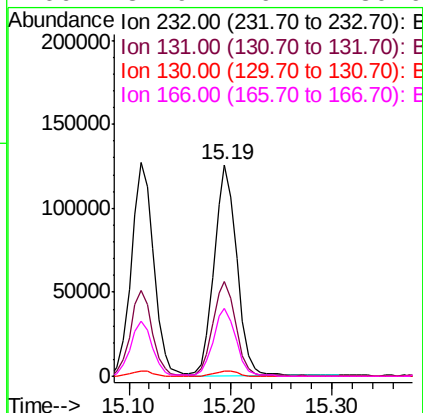
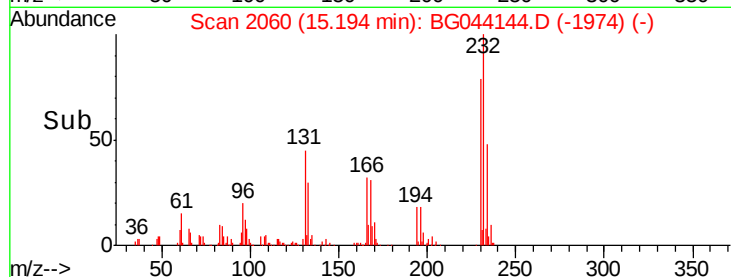
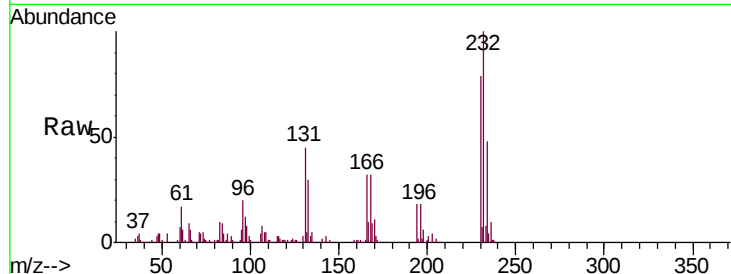




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.916 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

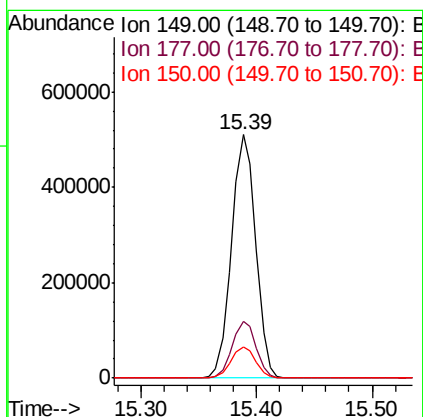
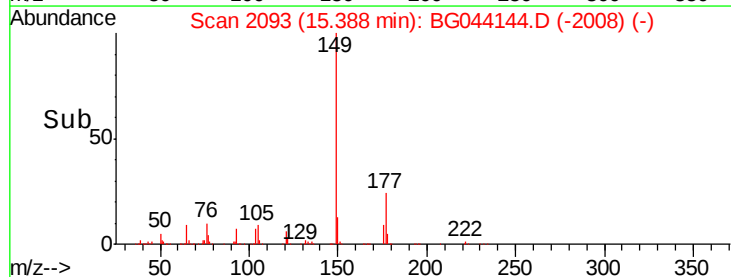
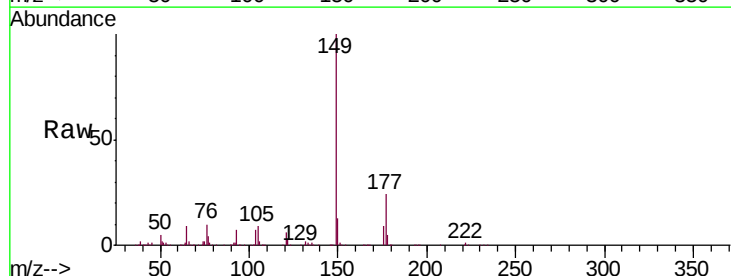
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

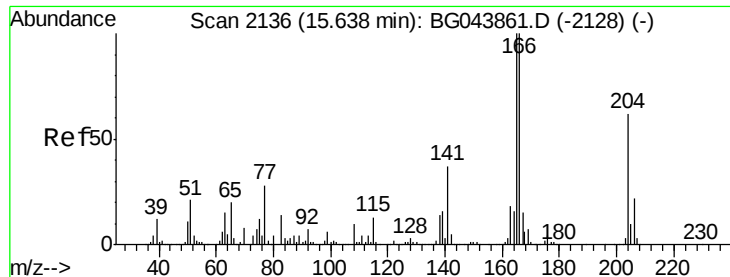
Tgt Ion:	232	Resp:	195237
Ion	Ratio	Lower	Upper
232	100		
131	44.9	38.2	57.2
130	2.6	2.2	3.2
166	31.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 44.642 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion:	149	Resp:	737613
Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.0	30.0
150	12.7	11.1	16.7

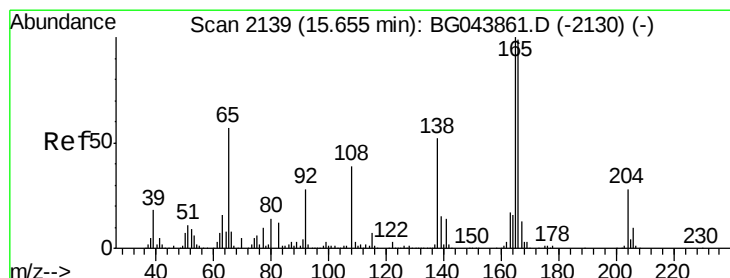
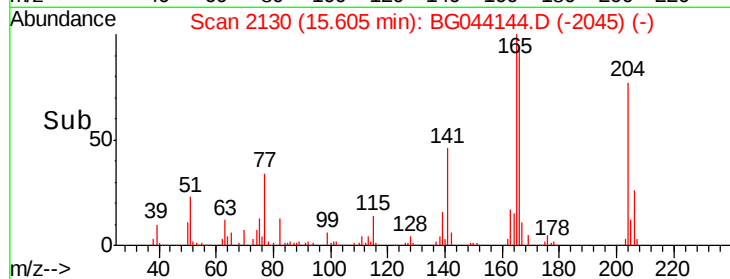
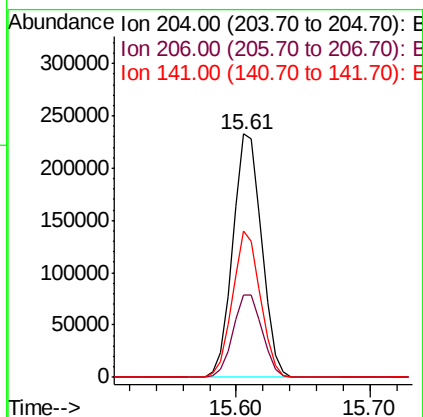
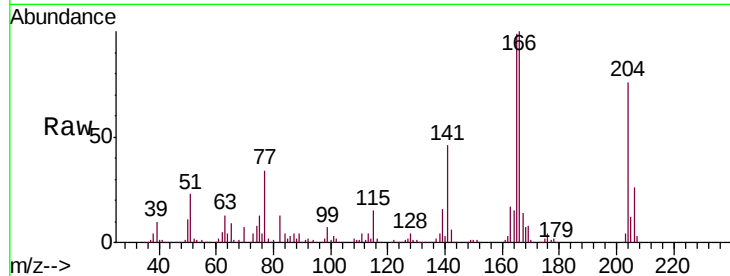




#61
4-Chlorophenyl-phenylether
Concen: 43.351 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

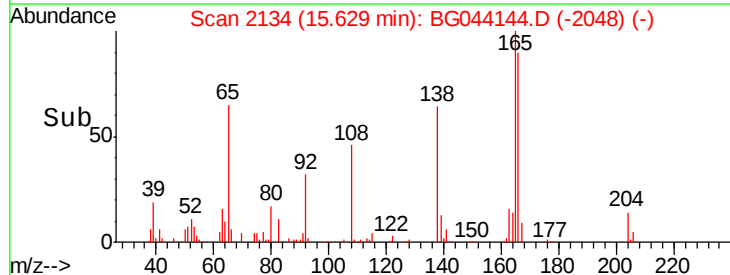
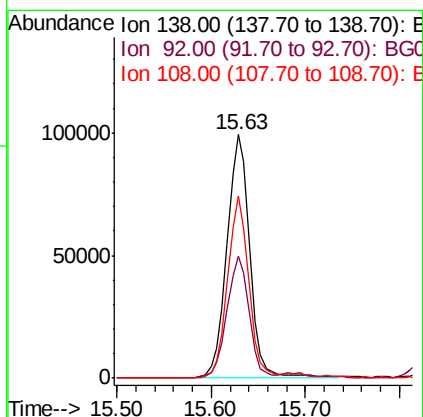
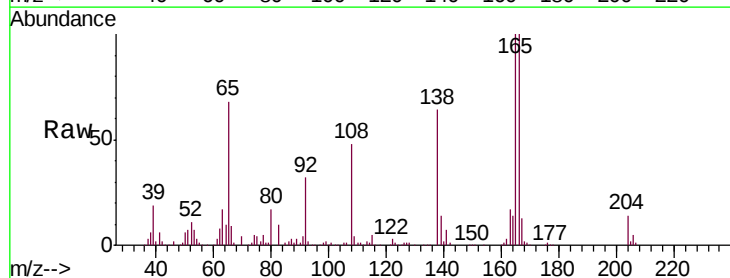
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:204 Resp: 348969
Ion Ratio Lower Upper
204 100
206 33.9 28.2 42.2
141 60.2 48.2 72.2



#62
4-Nitroaniline
Concen: 40.231 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:138 Resp: 168454
Ion Ratio Lower Upper
138 100
92 49.9 34.3 74.3
108 74.6 55.0 95.0





#63

Azobenzene

Concen: 44.769 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

Tgt Ion: 77 Resp: 686017

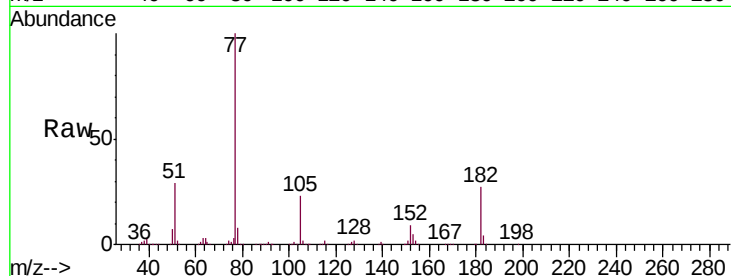
Ion Ratio Lower Upper

77 100

182 26.6 7.3 47.3

105 22.9 3.2 43.2

51 29.1 10.6 50.6

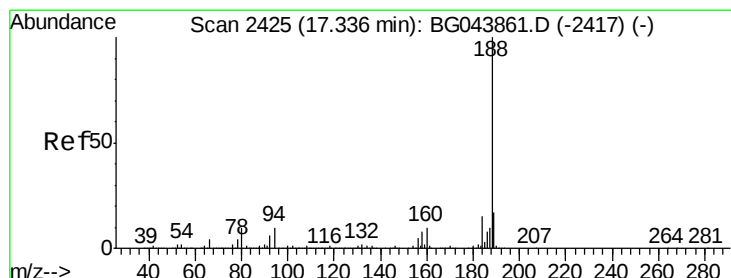
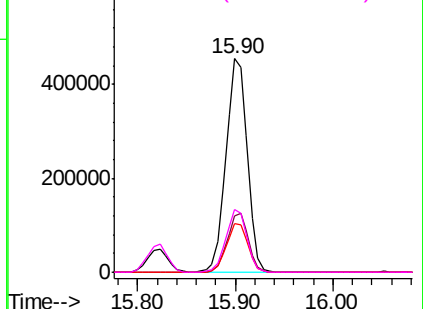
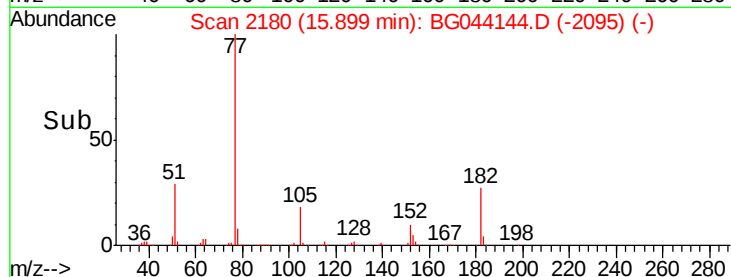


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

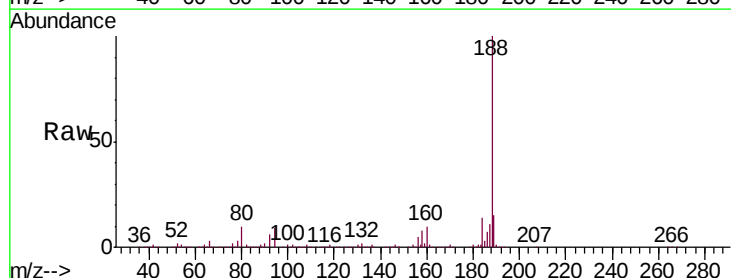
Tgt Ion: 188 Resp: 503100

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

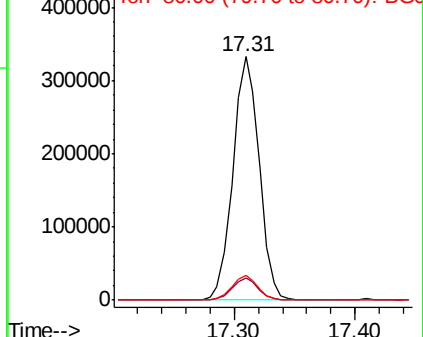
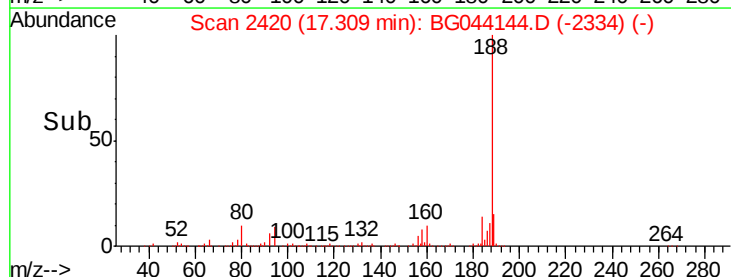
80 10.3 8.2 12.4

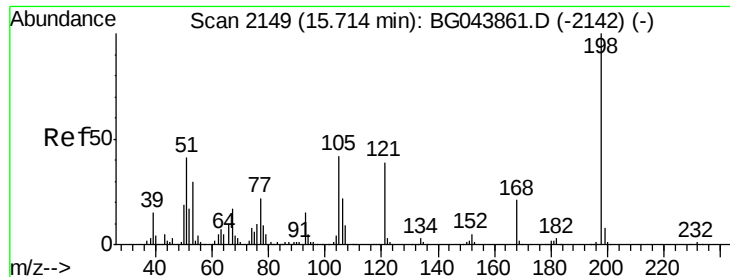


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

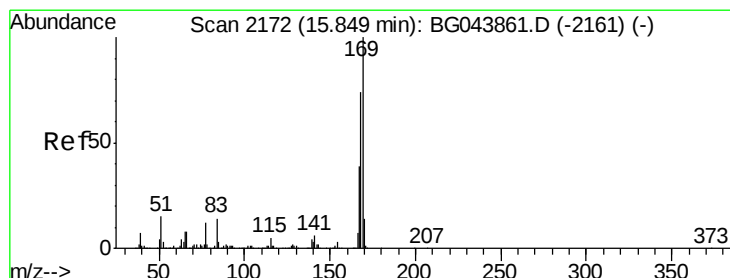
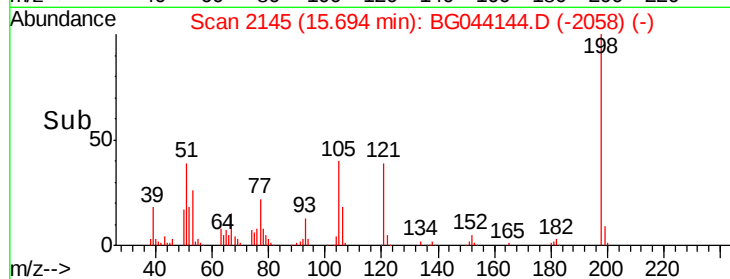
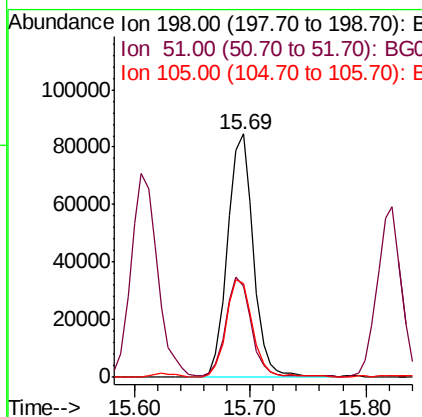
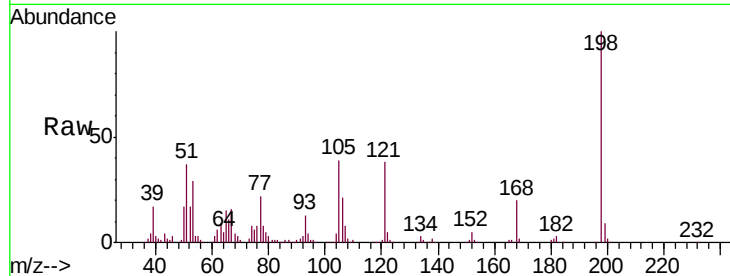




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.389 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

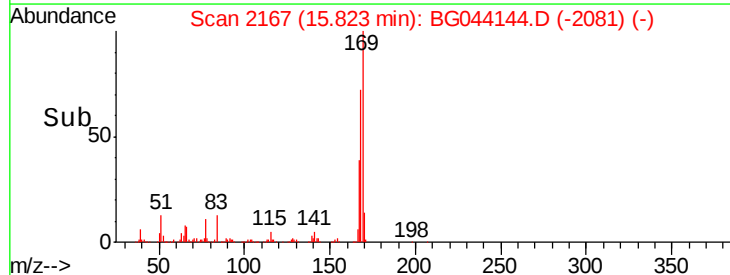
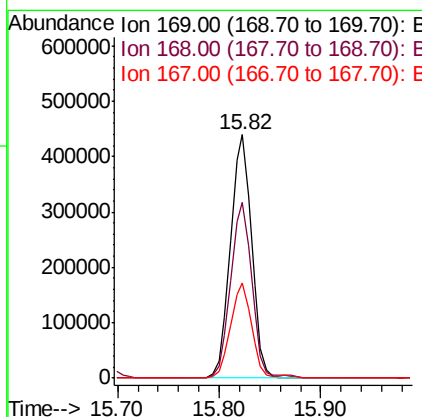
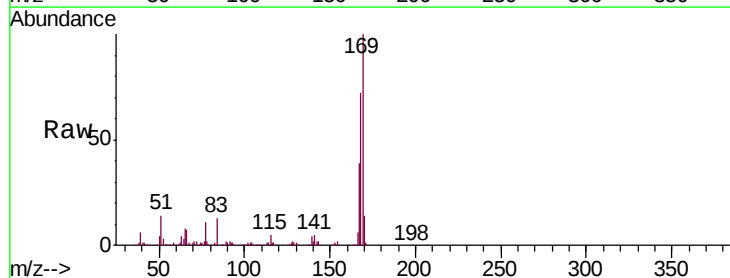
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Resp	Lower	Upper
198	100		
51	37.4	22.5	62.5
105	38.7	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 42.902 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Resp	Lower	Upper
169	100		
168	72.4	59.0	88.6
167	39.0	31.4	47.0

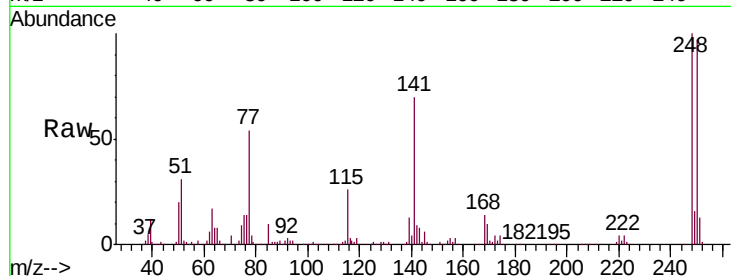




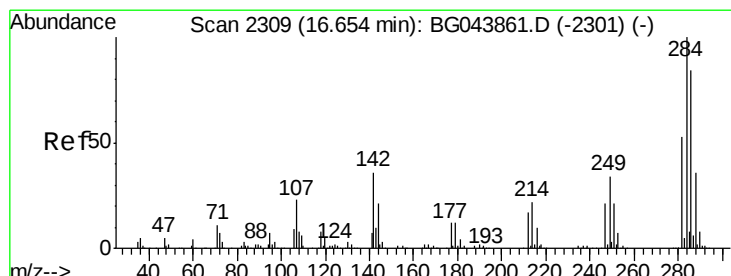
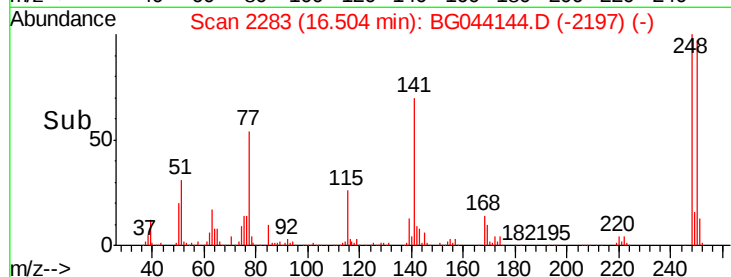
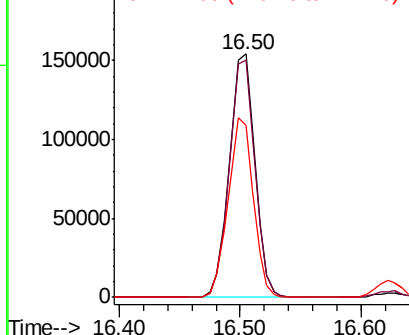
#67
4-Bromophenyl-phenylether
Concen: 40.349 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:248 Resp: 228311
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 70.4 59.3 88.9

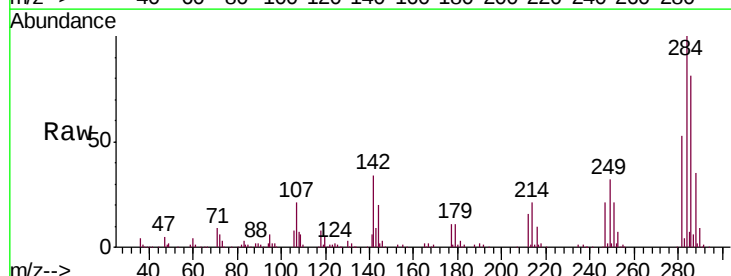


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

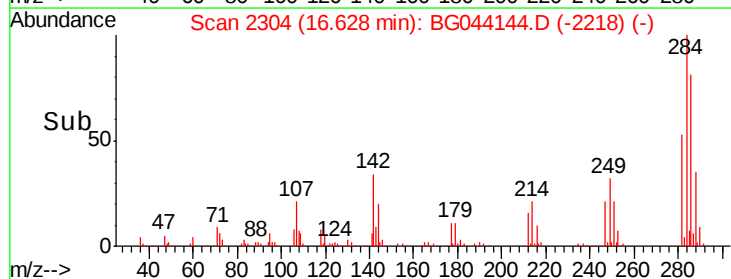
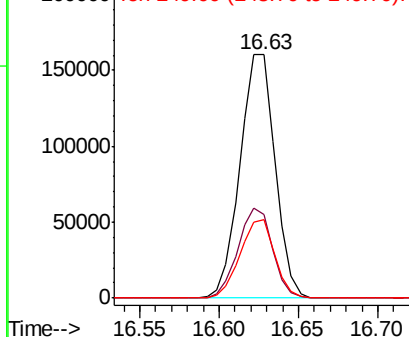


#68
Hexachlorobenzene
Concen: 40.406 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:284 Resp: 246356
Ion Ratio Lower Upper
284 100
142 34.3 28.6 43.0
249 32.1 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.946 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

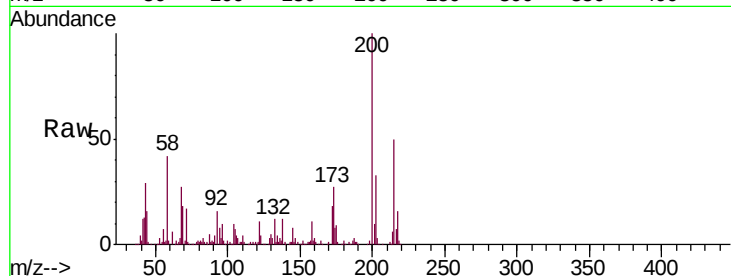
Tgt Ion:200 Resp: 235718

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

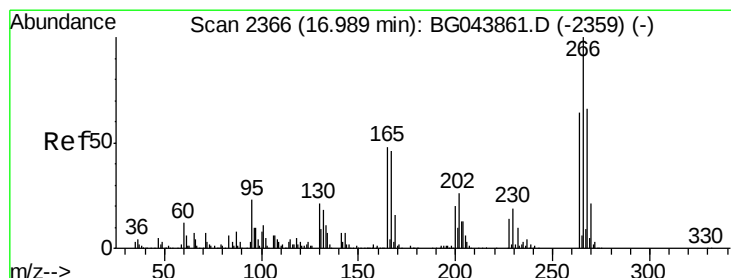
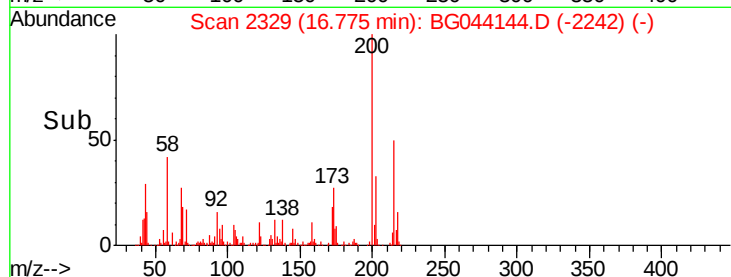
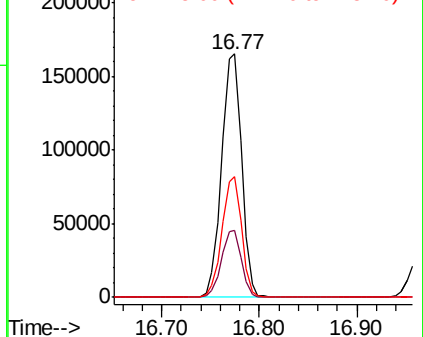
215 49.6 28.6 68.6



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: 79.354 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

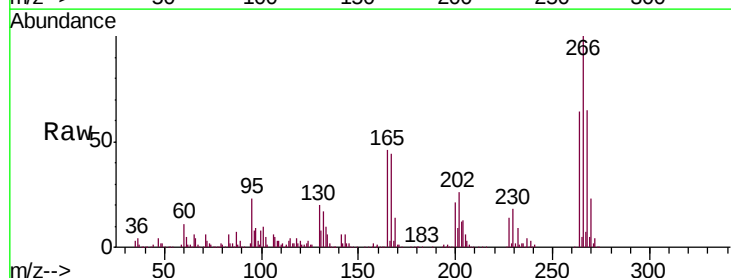
Tgt Ion:266 Resp: 266707

Ion Ratio Lower Upper

266 100

268 64.8 52.6 79.0

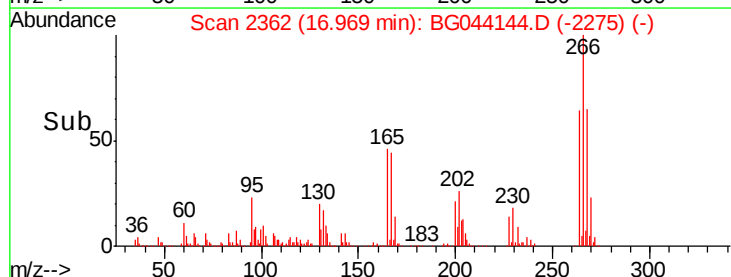
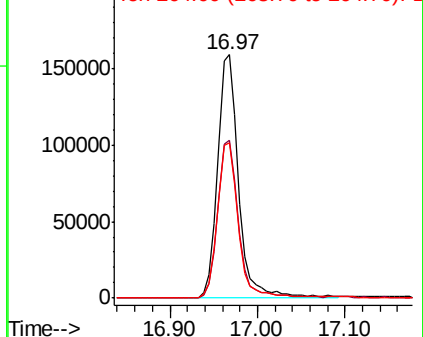
264 63.7 50.8 76.2

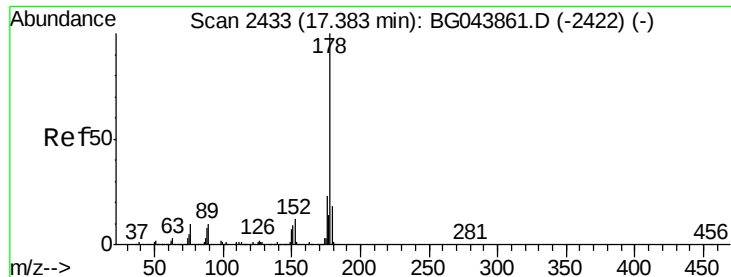


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

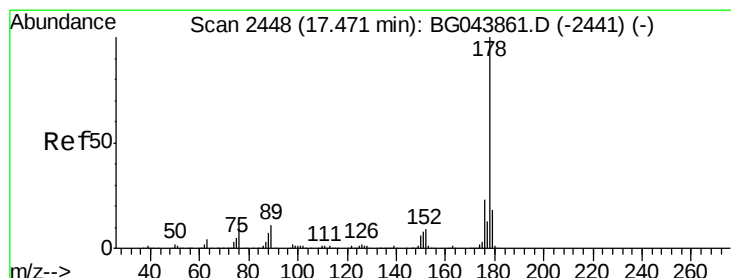
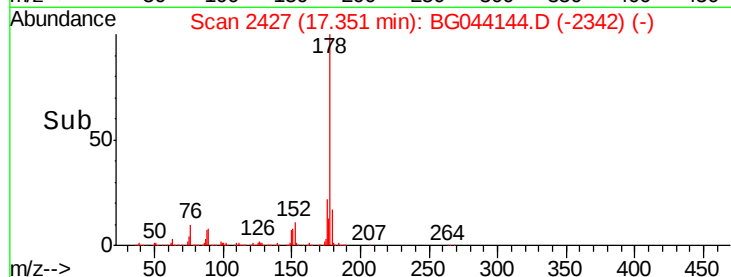
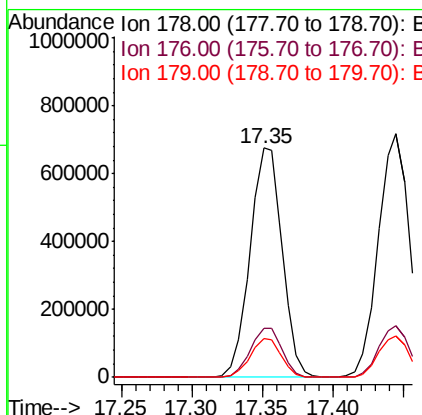
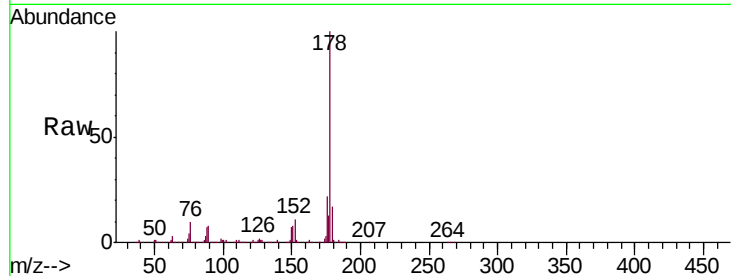




#71
Phenanthrene
Concen: 44.769 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

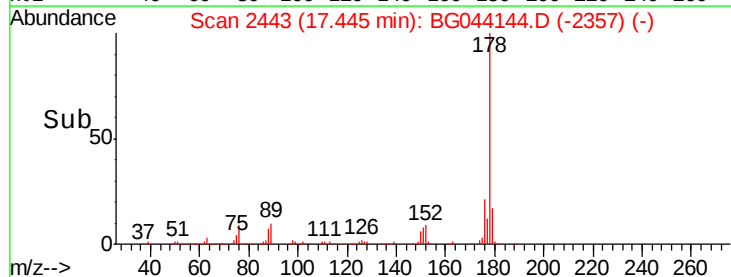
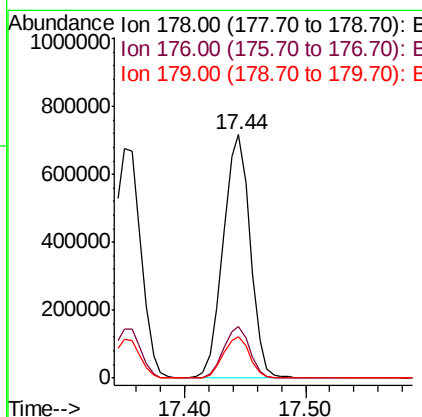
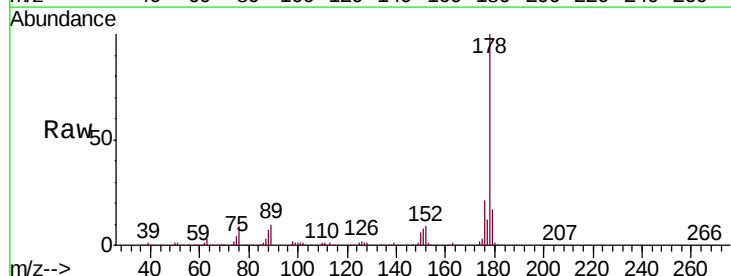
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:178 Resp: 1080319
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.0 14.4 21.6



#72
Anthracene
Concen: 46.345 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:178 Resp: 1105252
Ion Ratio Lower Upper
178 100
176 21.4 18.3 27.5
179 17.0 14.6 22.0

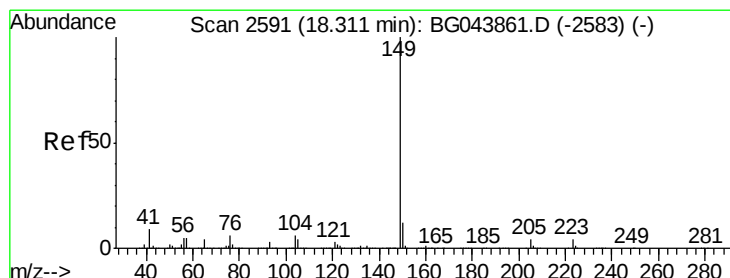
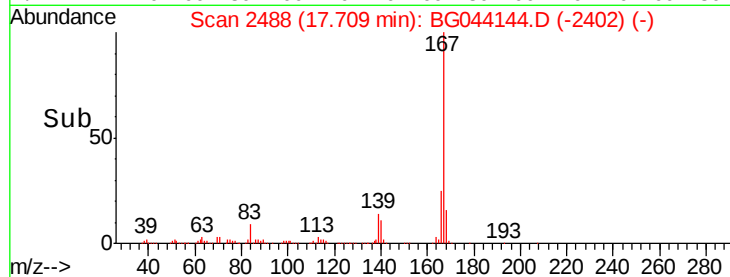
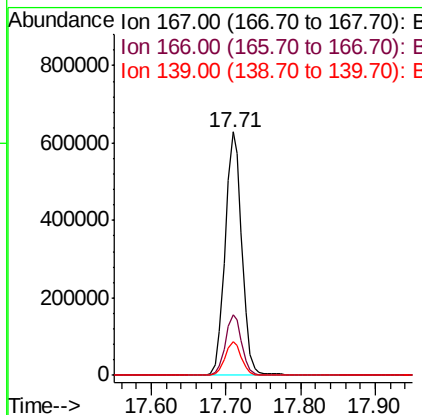
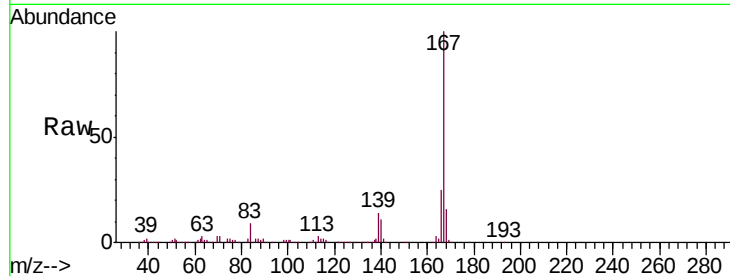




#73
 Carbazole
 Concen: 44.741 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

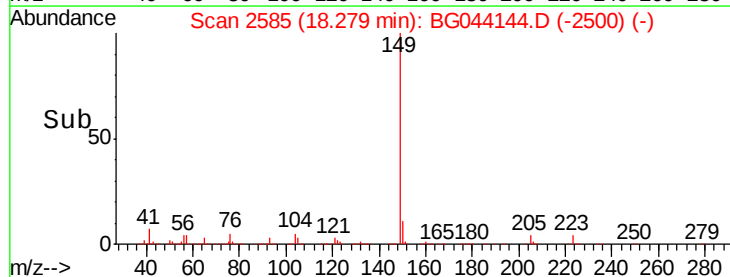
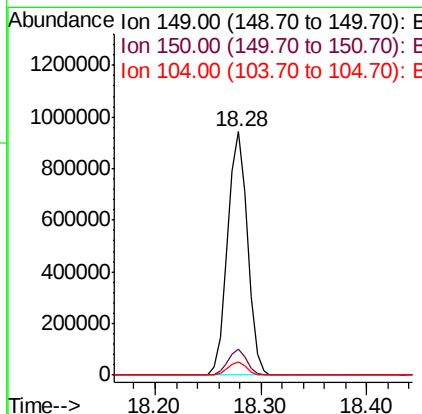
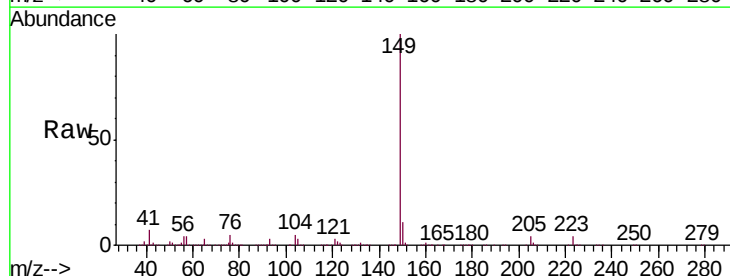
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.1	21.6	32.4
139	14.1	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 43.389 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.7	14.5
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 44.545 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

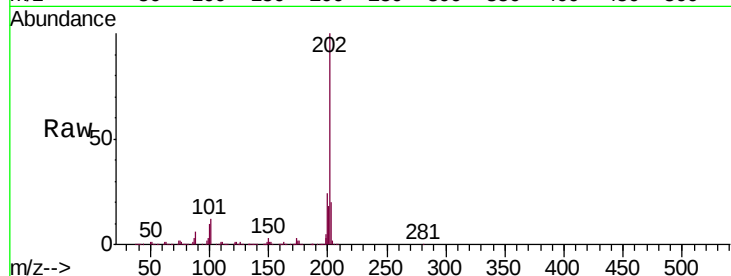
Tgt Ion:202 Resp: 1229341

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.3

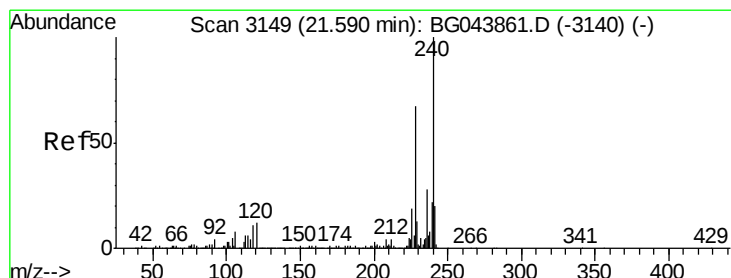
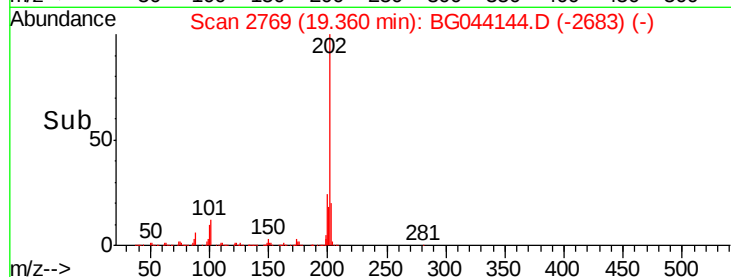
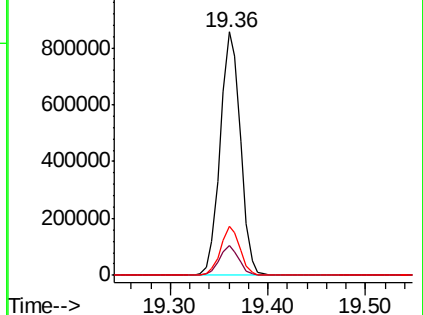
203 19.9 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

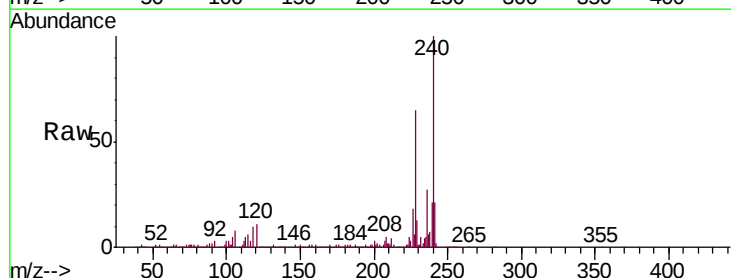
Tgt Ion:240 Resp: 421494

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

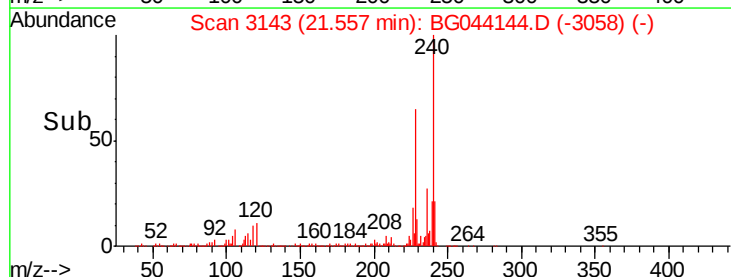
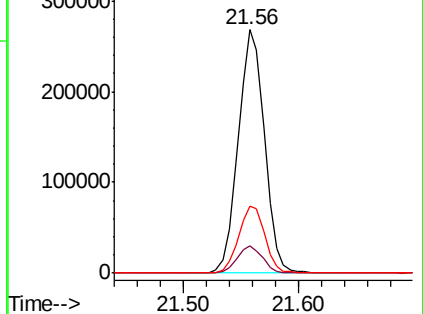
236 27.3 22.2 33.2



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

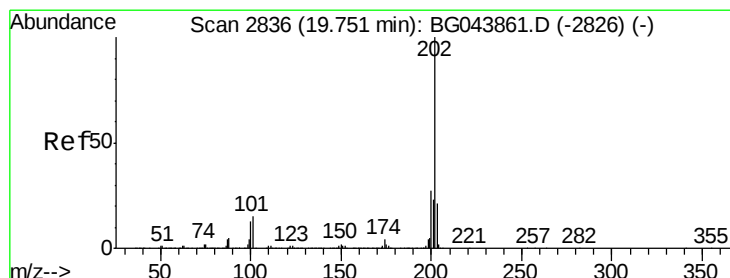
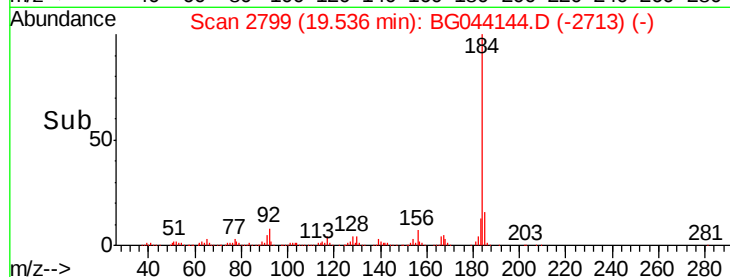
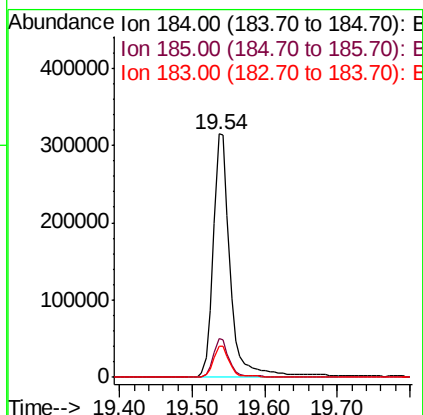
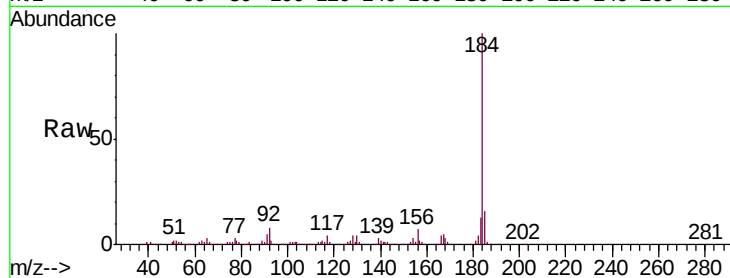




#77
Benzidine
Concen: 49.081 ng
RT: 19.54 min Scan# 2799
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

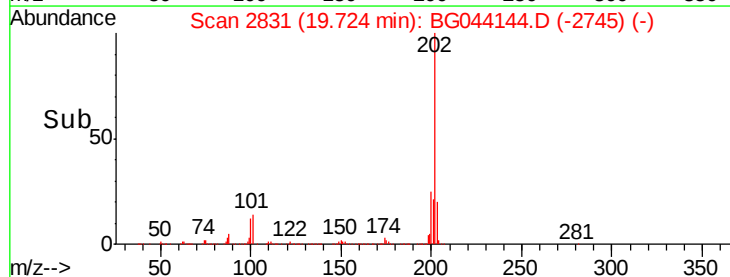
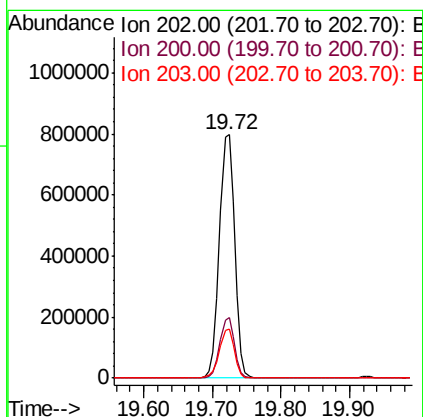
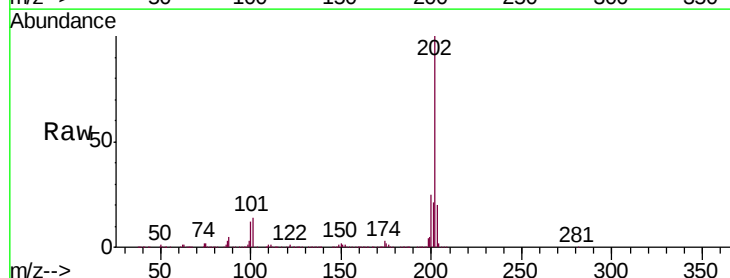
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

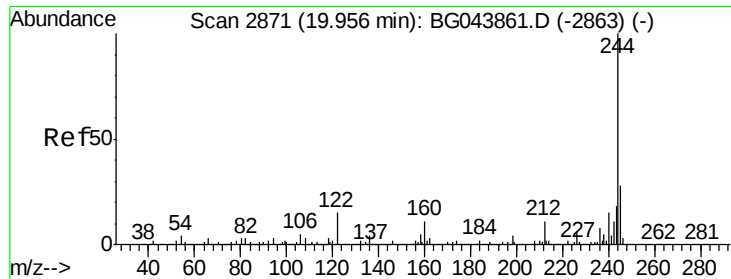
Tgt Ion:184 Resp: 519988
Ion Ratio Lower Upper
184 100
185 16.0 13.4 20.0
183 12.7 10.6 15.8



#78
Pyrene
Concen: 44.720 ng
RT: 19.72 min Scan# 2831
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:202 Resp: 1230356
Ion Ratio Lower Upper
202 100
200 24.6 21.7 32.5
203 20.2 17.0 25.6





#79

Terphenyl-d14

Concen: 87.308 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

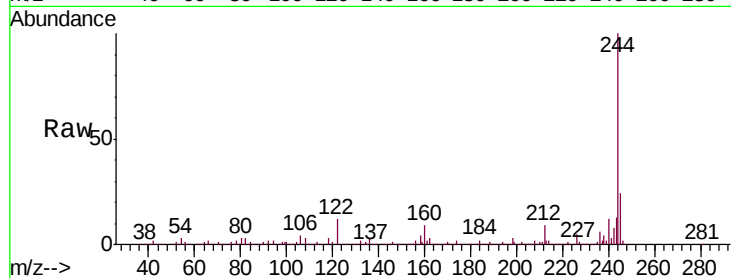
BNA_G

ClientSampleId :

PB126236BSD

Tgt Ion:244 Resp: 1515430

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.6	13.0
122	12.3	11.9	17.9

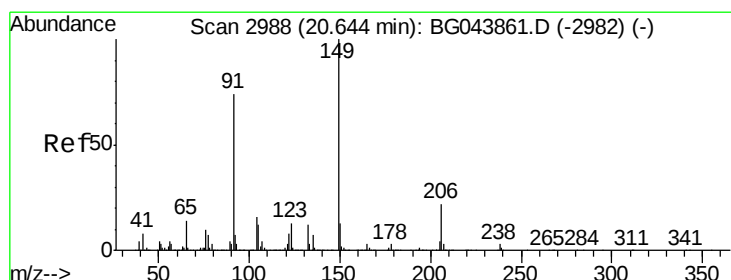
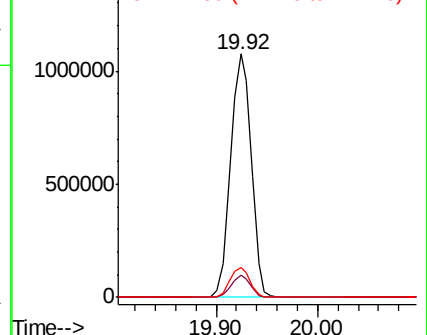
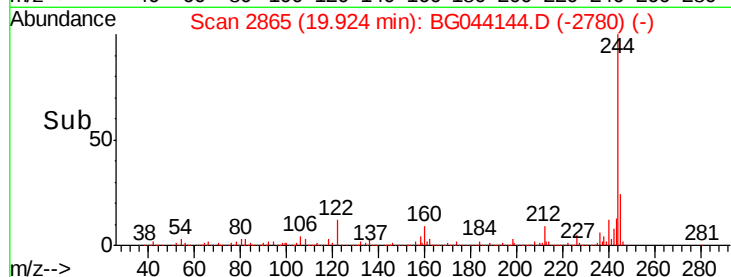


Abundance

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: 43.607 ng

RT: 20.61 min Scan# 2982

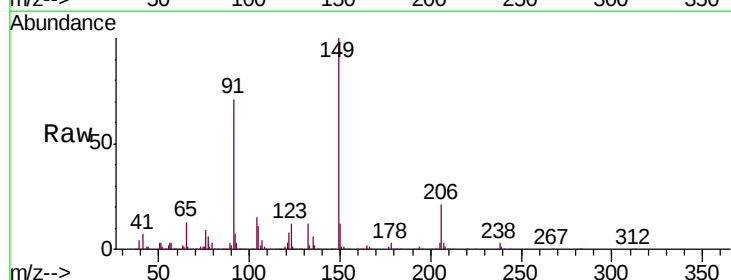
Delta R.T. -0.03 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Tgt Ion:149 Resp: 571193

Ion	Ratio	Lower	Upper
149	100		
91	71.0	59.5	89.3
206	21.4	17.8	26.6

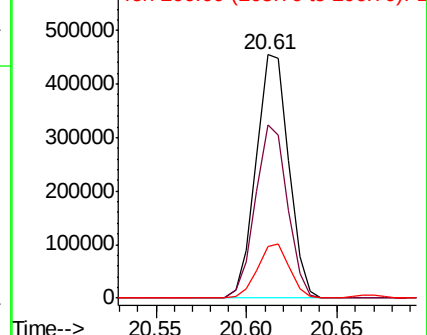
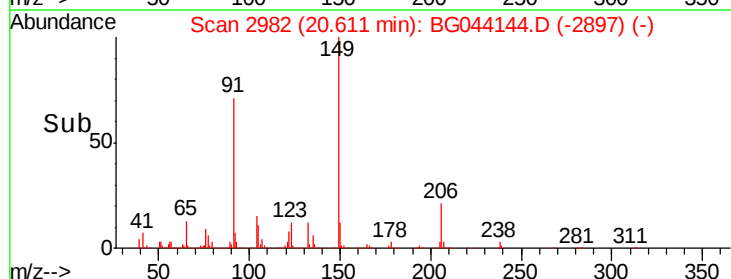


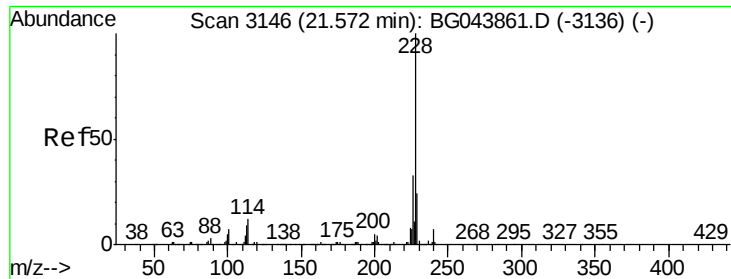
Abundance

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

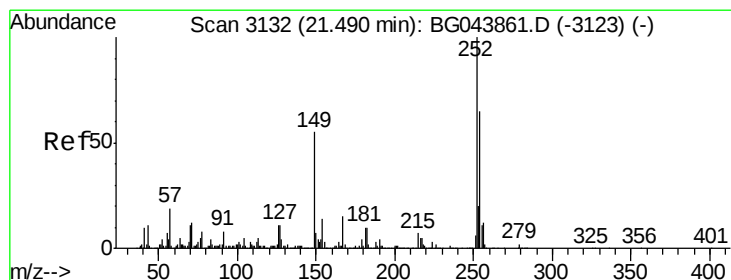
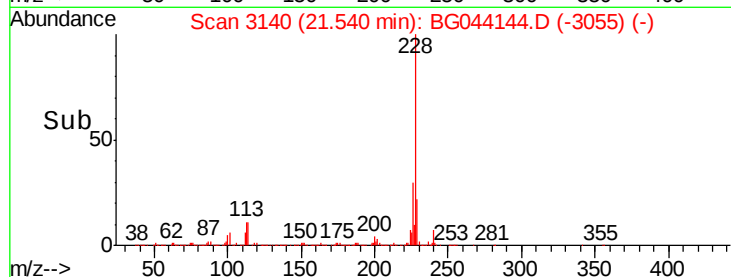
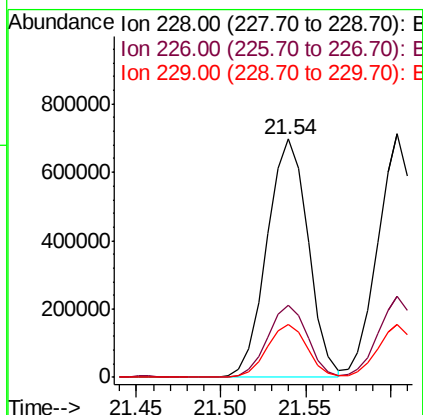
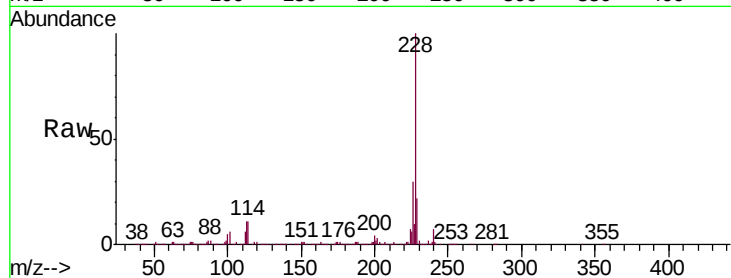




#81
Benzo(a)anthracene
Concen: 44.764 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

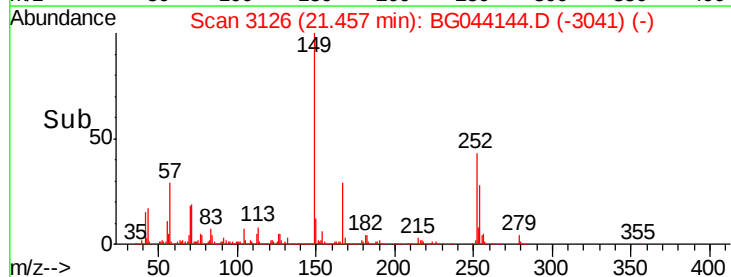
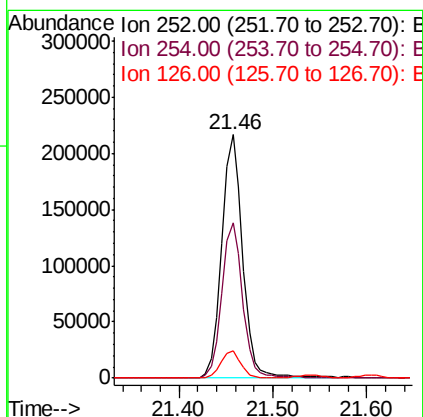
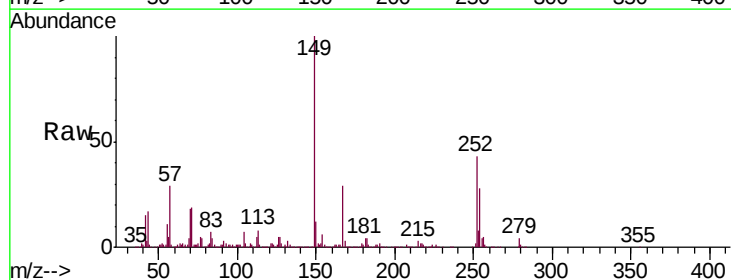
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

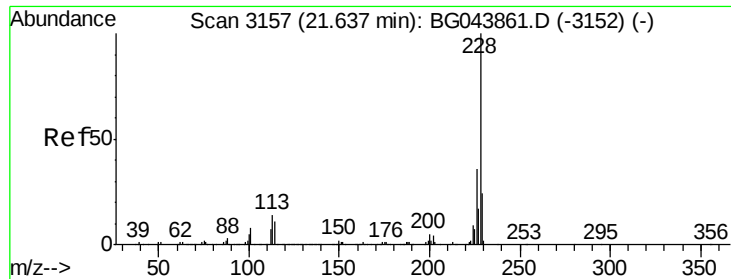
Tgt Ion:228 Resp: 1169923
Ion Ratio Lower Upper
228 100
226 30.2 26.2 39.4
229 22.1 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 32.596 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.03 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:252 Resp: 336571
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 11.2 9.1 13.7

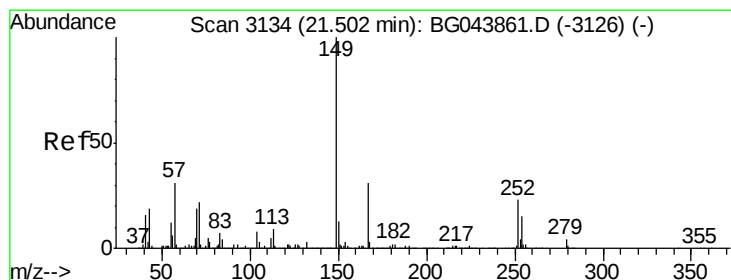
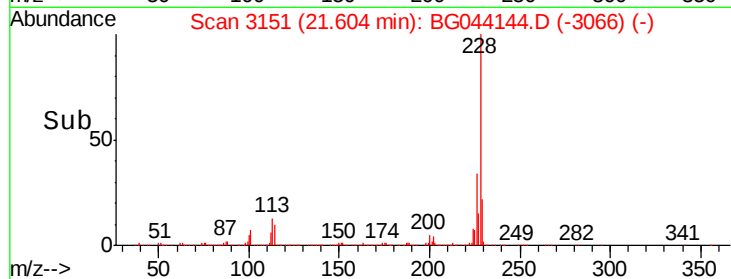
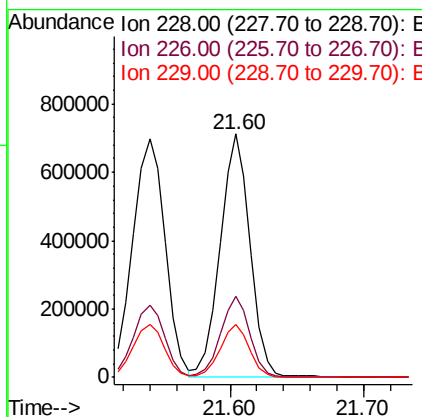
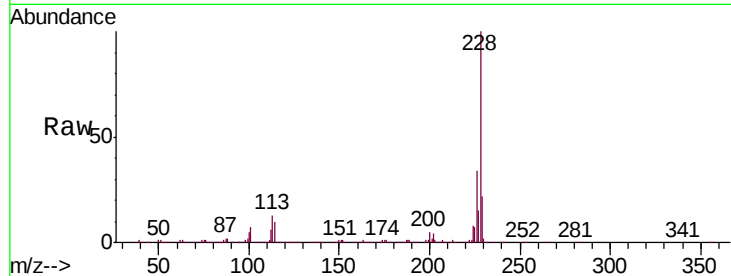




#83
 Chrysene
 Concen: 44.722 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

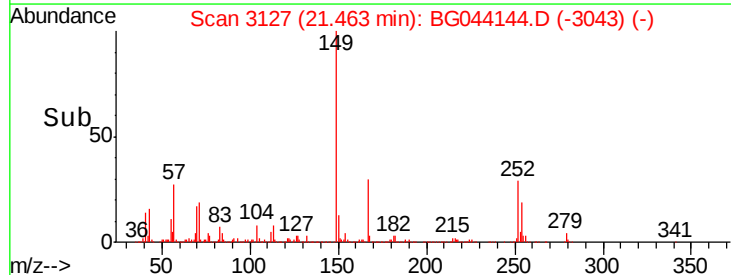
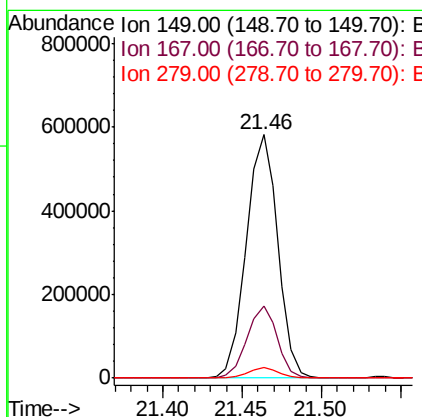
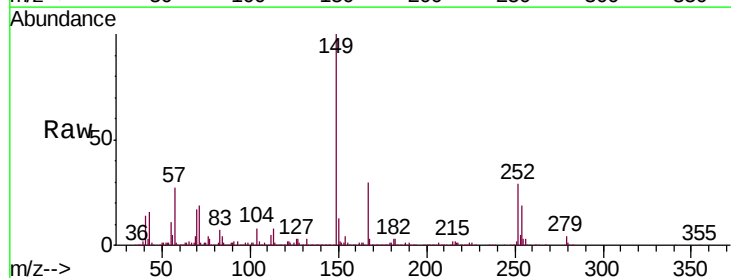
Instrument :
 BNA_G
 ClientSampleId :
 PB126236BSD

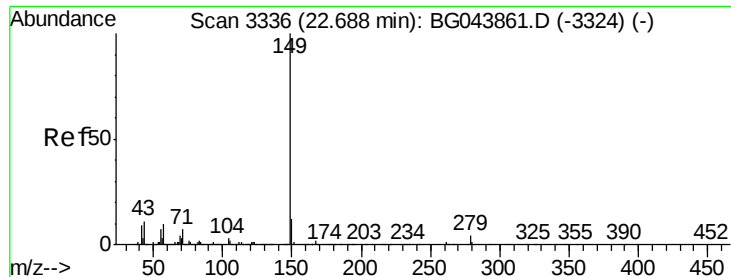
Tgt Ion: 228 Resp: 1110624
 Ion Ratio Lower Upper
 228 100
 226 33.5 28.8 43.2
 229 21.9 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.277 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044144.D
 Acq: 21 Jan 2020 21:54

Tgt Ion: 149 Resp: 800234
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.7 37.1
 279 4.5 3.3 4.9

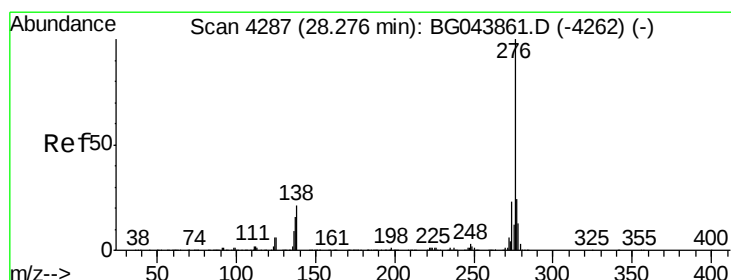
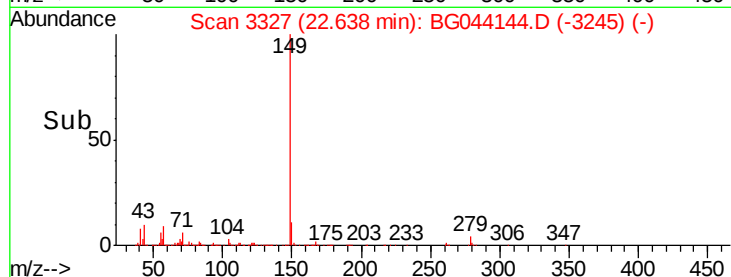
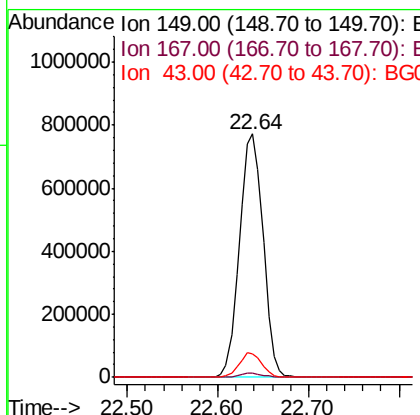
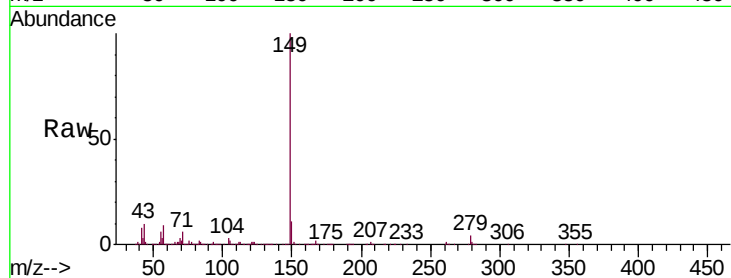




#85
Di-n-octyl phthalate
Concen: 45.950 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

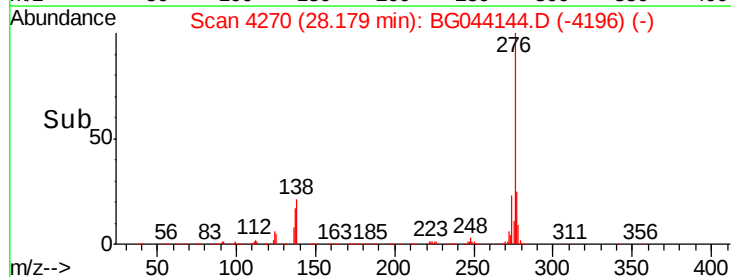
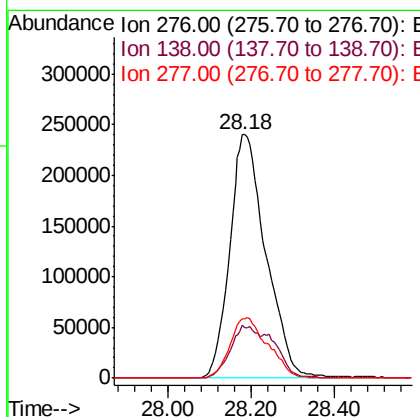
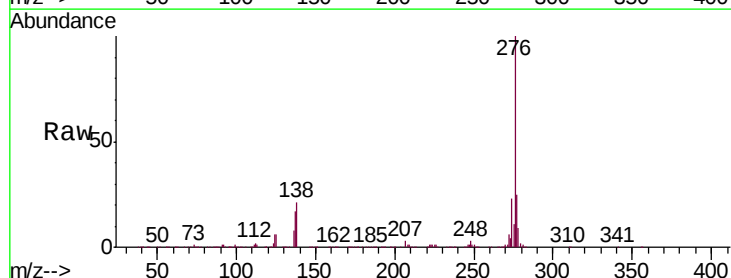
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:149 Resp: 1396161
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.878 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.10 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:276 Resp: 1447105
Ion Ratio Lower Upper
276 100
138 17.1 21.0 31.4#
277 26.1 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

Instrument :

BNA_G

ClientSampleId :

PB126236BSD

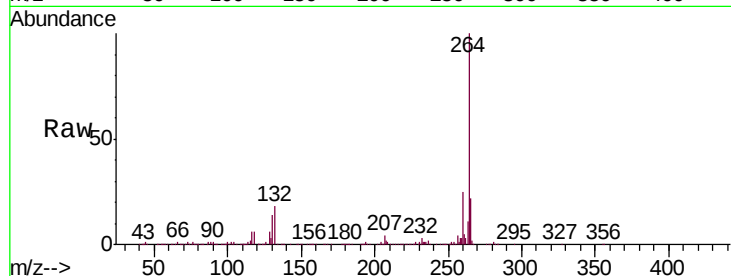
Tgt Ion:264 Resp: 483838

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

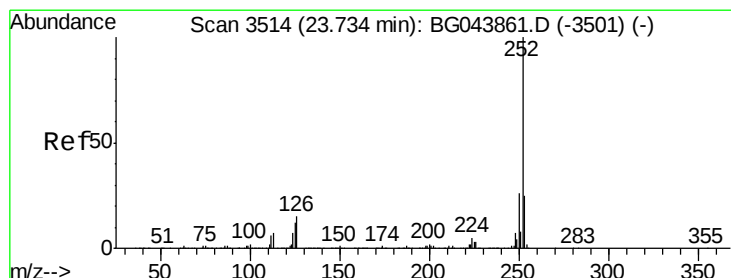
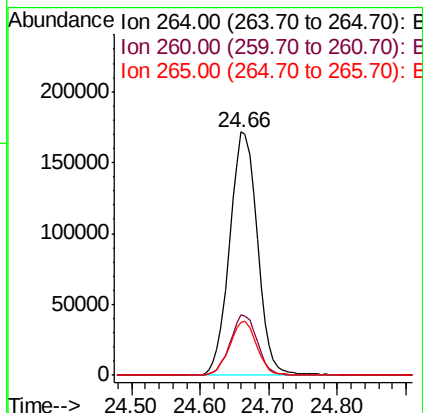
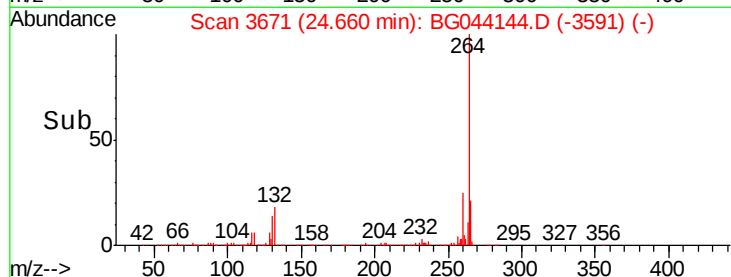
265 21.5 17.4 26.2



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: 42.637 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044144.D

Acq: 21 Jan 2020 21:54

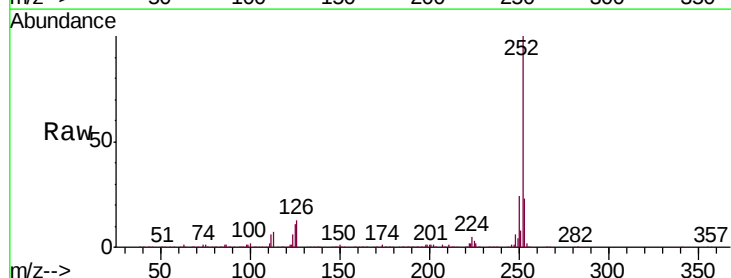
Tgt Ion:252 Resp: 1219558

Ion Ratio Lower Upper

252 100

253 22.8 19.7 29.5

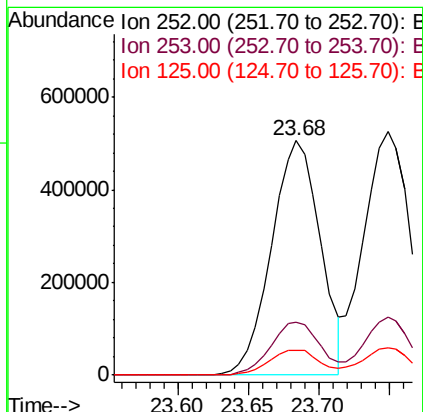
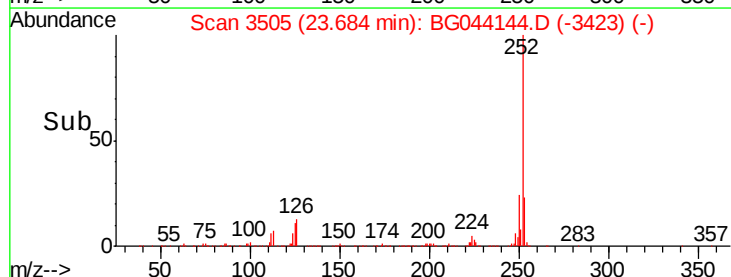
125 10.8 9.4 14.2



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

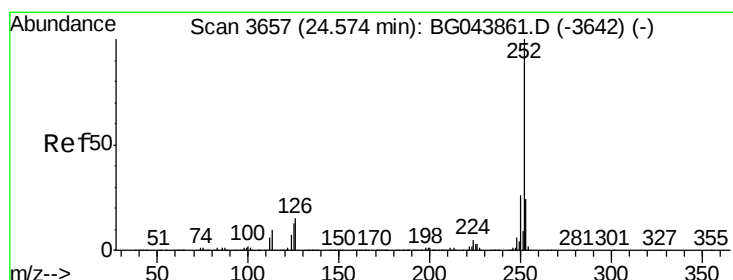
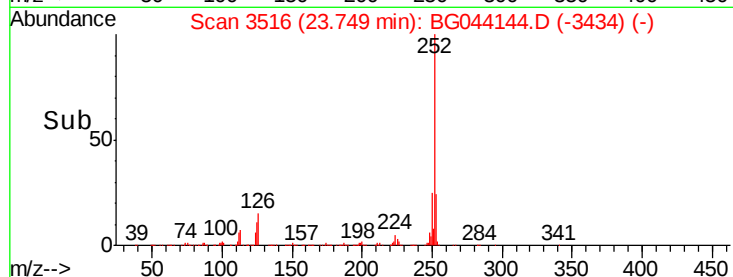
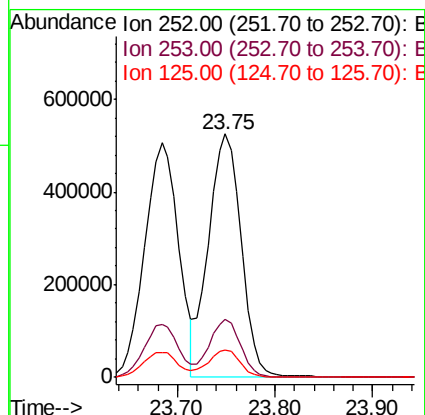
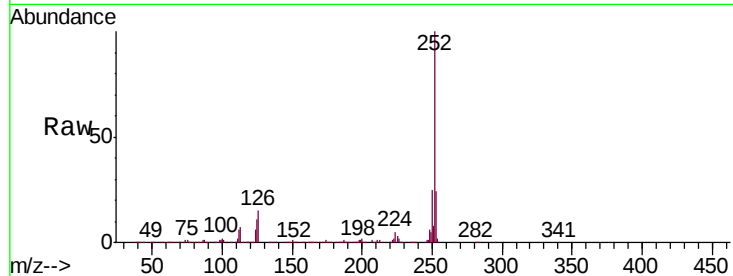




#89
Benzo(k)fluoranthene
Concen: 44.585 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

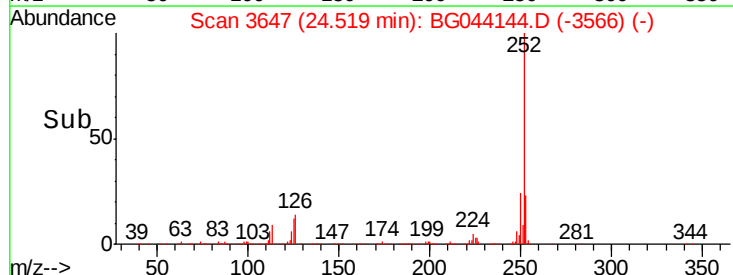
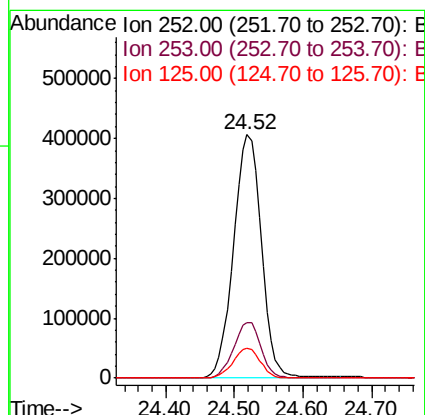
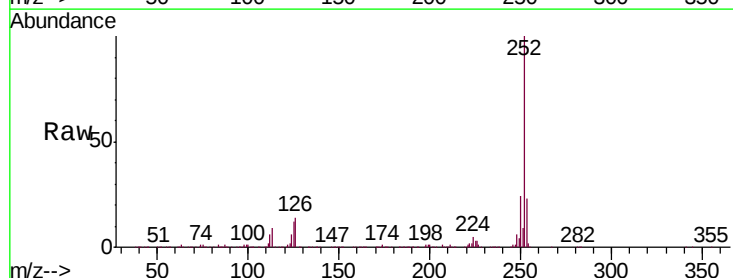
Instrument :
BNA_G
ClientSampleId :
PB126236BSD

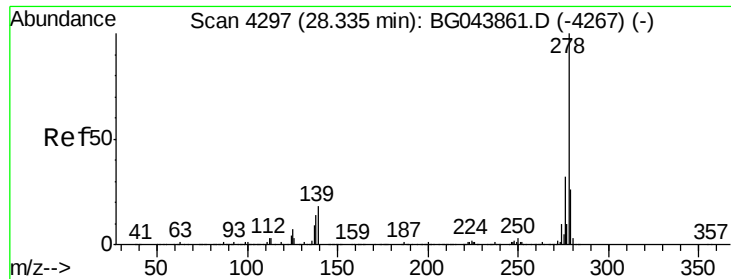
Tgt Ion:252 Resp: 1212706
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.2
125 11.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 42.585 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:252 Resp: 1149644
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 12.1 10.4 15.6



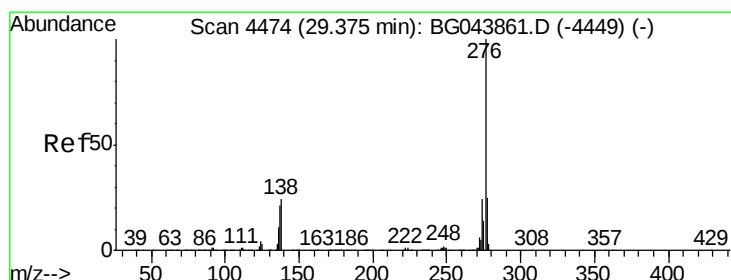
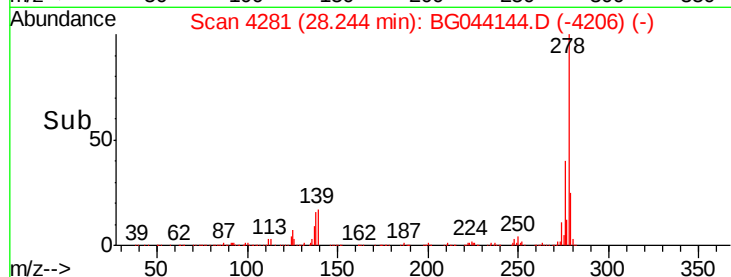
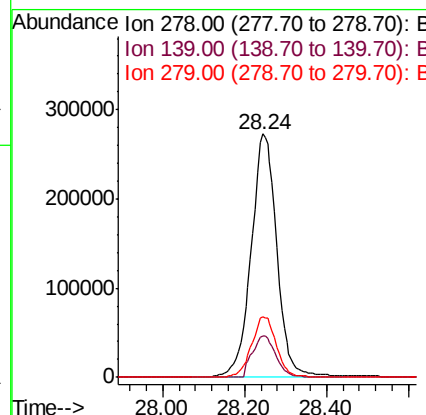
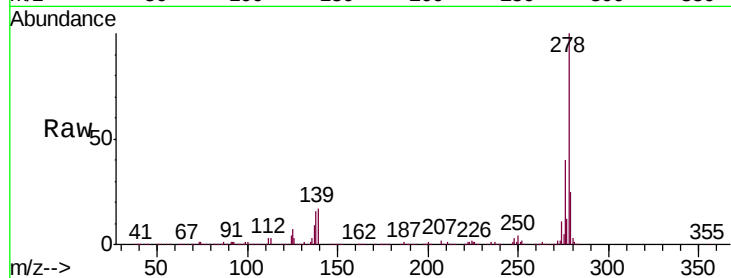


#91
Dibenzo(a,h)anthracene
Concen: 43.794 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Instrument :
BNA_G
ClientSampleId :
PB126236BSD

Tgt Ion:278 Resp: 1187373

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.2	21.4
279	24.8	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 44.791 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044144.D
Acq: 21 Jan 2020 21:54

Tgt Ion:276 Resp: 1206262

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.5	19.0	28.6

