

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044921.D
 Acq On : 20 Mar 2020 15:55
 Operator : CG/JU
 Sample : PB127705BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Quant Time: Mar 21 00:42:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83292	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	327826	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	221311	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	522239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	483265	20.00	ng	0.00
87) Perylene-d12	24.90	264	540785	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	428209	80.03	ng	0.00
7) Phenol-d6	7.20	99	584904	75.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	535716	71.71	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	253661	87.54	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1170301	75.73	ng	0.00
79) Terphenyl-d14	20.03	244	1925137	74.52	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.51	88	77436	30.05 ng	99
3) Pyridine	3.91	79	197918	25.95 ng	97
4) n-Nitrosodimethylamine	3.82	42	107578	37.17 ng	96
6) Aniline	7.36	93	238677	24.67 ng	96
8) 2-Chlorophenol	7.61	128	236463	44.27 ng	97
9) Benzaldehyde	7.17	77	173016	35.36 ng	97
10) Phenol	7.23	94	314735	40.89 ng	97
11) bis(2-Chloroethyl)ether	7.45	93	219600	35.75 ng	97
12) 1,3-Dichlorobenzene	7.94	146	243263	36.97 ng	100
13) 1,4-Dichlorobenzene	8.08	146	240434	36.96 ng	99
14) 1,2-Dichlorobenzene	8.40	146	223203	36.18 ng	97
15) Benzyl Alcohol	8.28	79	241357	38.69 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	322600	29.76 ng	100
17) 2-Methylphenol	8.48	107	208608	40.01 ng	99
18) Hexachloroethane	9.13	117	93109	36.36 ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	186773	34.02 ng	96
20) 3+4-Methylphenols	8.81	107	291270	40.53 ng	97
22) Acetophenone	8.86	105	339409	36.55 ng	# 98
24) Nitrobenzene	9.24	77	282329	36.42 ng	99
25) Isophorone	9.77	82	521126	35.74 ng	# 97
26) 2-Nitrophenol	9.96	139	123858	46.25 ng	97
27) 2,4-Dimethylphenol	10.02	122	217381	45.78 ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	297665	34.21 ng	96
29) 2,4-Dichlorophenol	10.50	162	234411	42.27 ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	247604	37.34 ng	96
31) Naphthalene	10.90	128	677774	37.32 ng	98
32) Benzoic acid	10.16	122	140983	40.11 ng	97
33) 4-Chloroaniline	11.00	127	120530	14.73 ng	95
34) Hexachlorobutadiene	11.20	225	161259	36.98 ng	95
35) Caprolactam	11.76	113	45643	21.74 ng	95
36) 4-Chloro-3-methylphenol	12.12	107	269137	40.69 ng	99
37) 2-Methylnaphthalene	12.51	142	518853	38.19 ng	96
38) 1-Methylnaphthalene	12.72	142	487957	38.21 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	275729	37.83 ng	99

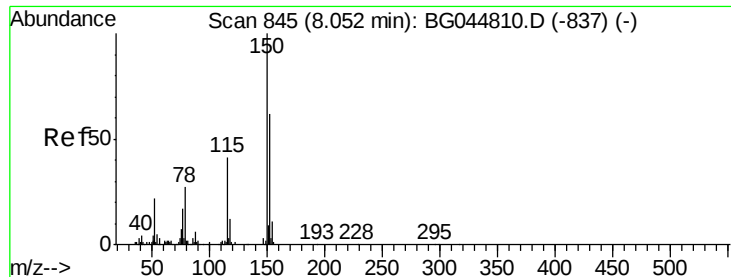
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	380737	95.59	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	206283	42.65	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	221547	44.17	ng	95
46) 1,1'-Biphenyl	13.51	154	654401	37.00	ng	98
47) 2-Chloronaphthalene	13.55	162	507152	37.54	ng	96
48) 2-Nitroaniline	13.75	65	181558	38.39	ng	92
49) Acenaphthylene	14.40	152	834144	39.41	ng	98
50) Dimethylphthalate	14.13	163	680521	38.61	ng	100
51) 2,6-Dinitrotoluene	14.24	165	154221	43.41	ng	94
52) Acenaphthene	14.74	154	599979	43.28	ng	98
53) 3-Nitroaniline	14.56	138	86402	21.15	ng	99
54) 2,4-Dinitrophenol	14.78	184	171023	90.86	ng	96
55) Dibenzofuran	15.07	168	793237	39.46	ng	99
56) 4-Nitrophenol	14.88	139	262044	84.06	ng	95
57) 2,4-Dinitrotoluene	15.03	165	218710	44.88	ng	98
58) Fluorene	15.72	166	654157	39.56	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	210664	45.62	ng	96
60) Diethylphthalate	15.49	149	695849	37.85	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	357726	40.18	ng	98
62) 4-Nitroaniline	15.73	138	157403	36.14	ng	96
63) Azobenzene	16.01	77	690654	36.18	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	124370	50.19	ng	96
66) n-Nitrosodiphenylamine	15.93	169	597019	37.97	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	247723	37.94	ng	98
68) Hexachlorobenzene	16.73	284	270499	38.19	ng	99
69) Atrazine	16.88	200	238556	41.41	ng	98
70) Pentachlorophenol	17.07	266	330305	84.76	ng	99
71) Phenanthrene	17.47	178	1055557	37.82	ng	100
72) Anthracene	17.55	178	1089572	39.59	ng	99
73) Carbazole	17.82	167	1013552	38.34	ng	100
74) Di-n-butylphthalate	18.39	149	1194013	37.16	ng	99
75) Fluoranthene	19.47	202	1327005	39.94	ng	99
77) Benzidine	19.64	184	535274	34.12	ng	99
78) Pyrene	19.83	202	1316004	37.12	ng	99
80) Butylbenzylphthalate	20.72	149	558454	35.40	ng	99
81) Benzo(a)anthracene	21.67	228	1287026	36.98	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	297851	22.12	ng	97
83) Chrysene	21.74	228	1214061	36.52	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	768108	35.28	ng	99
85) Di-n-octyl phthalate	22.81	149	1313703	36.06	ng	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1639214	37.61	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1391022	38.96	ng	98
89) Benzo(k)fluoranthene	23.95	252	1312186	38.84	ng	99
90) Benzo(a)pyrene	24.75	252	1268632	37.98	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1336129	40.54	ng	# 97
92) Benzo(g,h,i)perylene	29.68	276	1349938	40.54	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044921.D

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ClientSampleId :

PB127705BSD

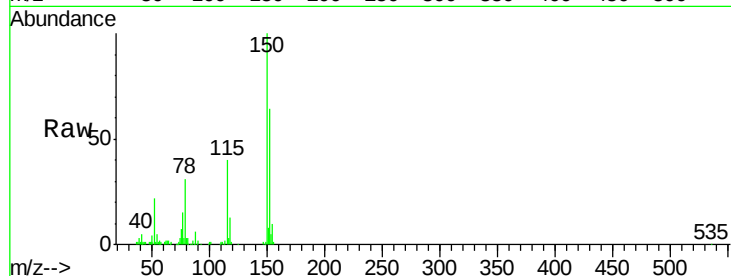
Tgt Ion:152 Resp: 83292

Ion Ratio Lower Upper

152 100

150 156.8 128.8 193.2

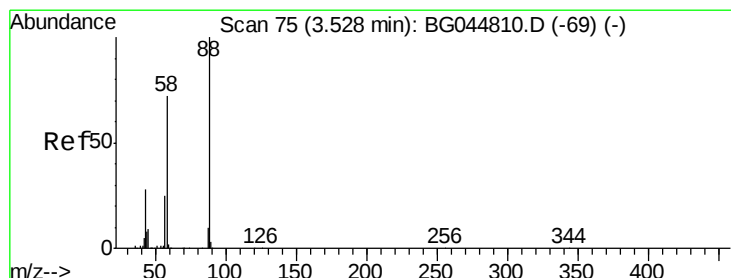
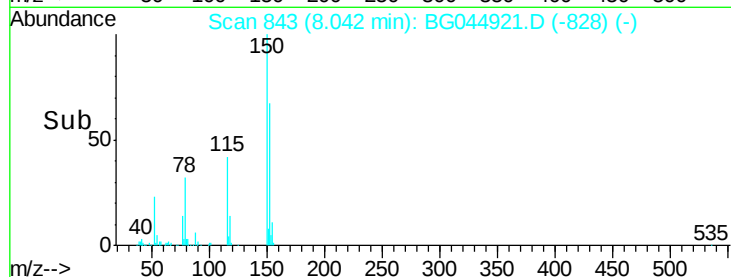
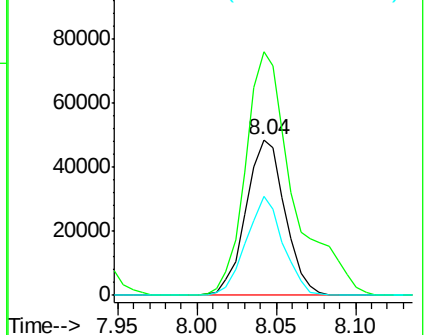
115 63.5 52.6 79.0



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: 30.05 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

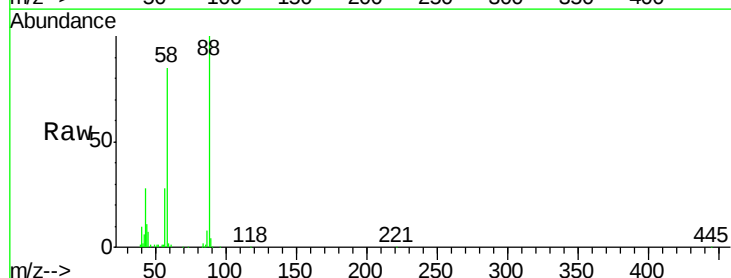
Tgt Ion: 88 Resp: 77436

Ion Ratio Lower Upper

88 100

58 80.1 63.0 94.4

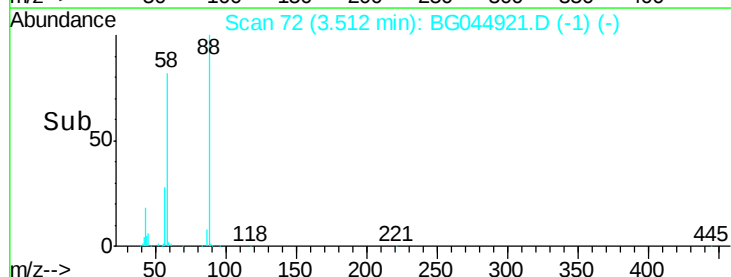
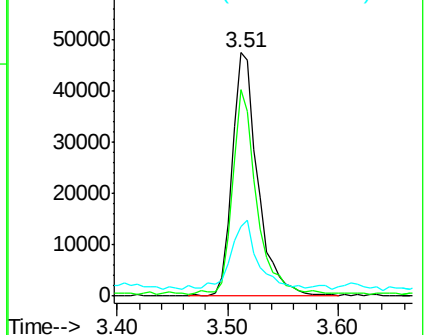
43 30.8 24.8 37.2

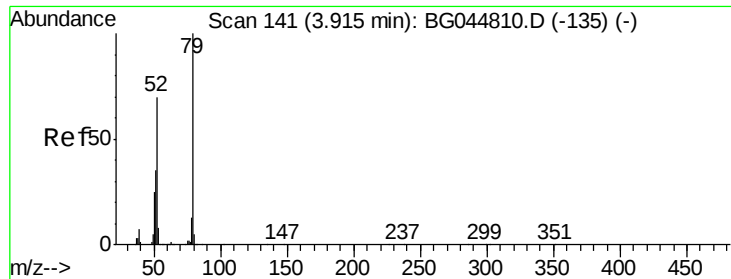


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 25.95 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

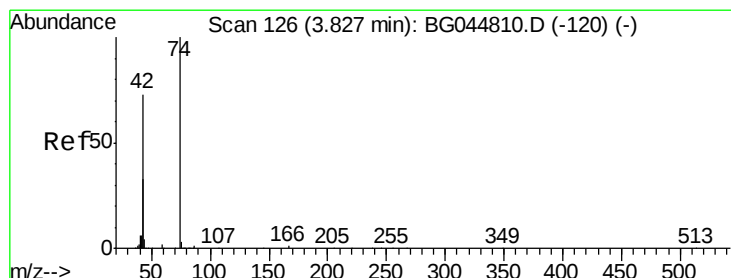
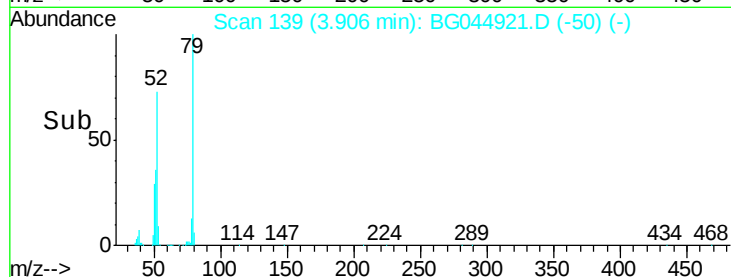
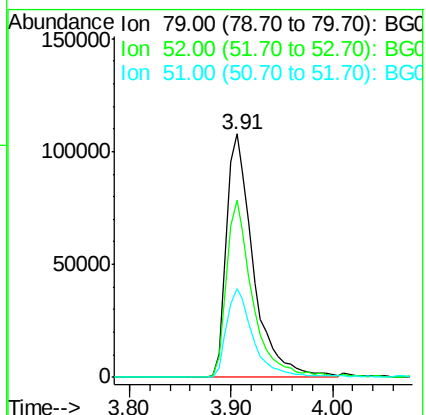
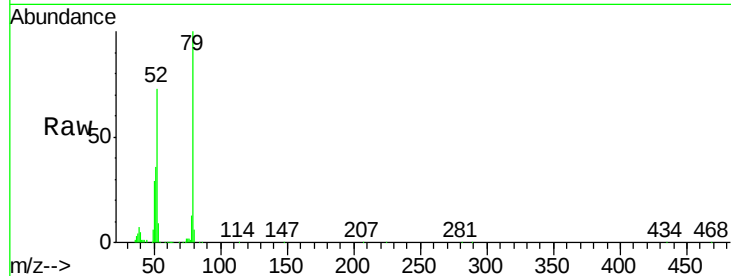
Tgt Ion: 79 Resp: 197918

Ion Ratio Lower Upper

79 100

52 72.9 56.3 84.5

51 36.4 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 37.17 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

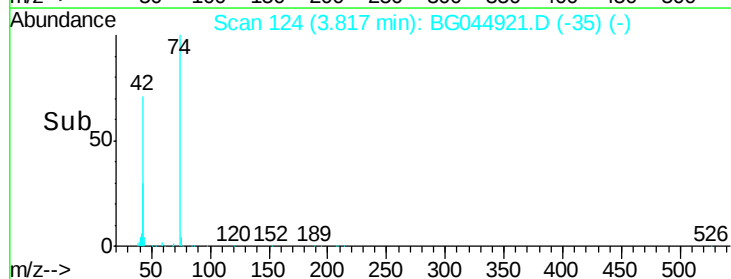
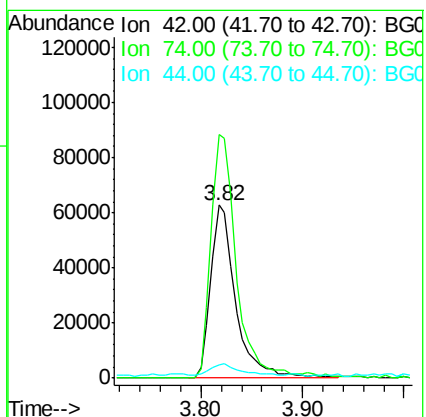
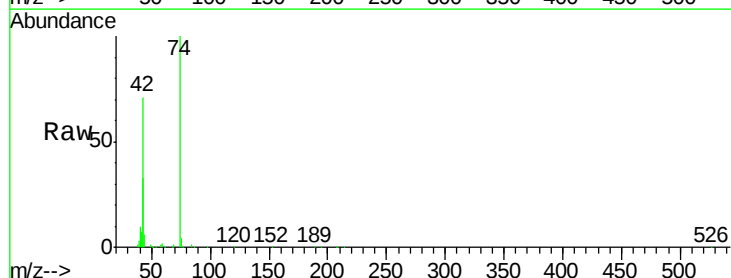
Tgt Ion: 42 Resp: 107578

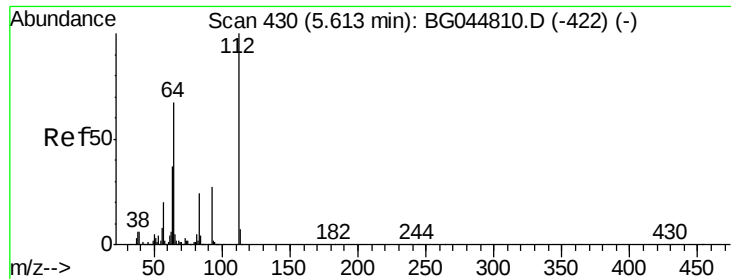
Ion Ratio Lower Upper

42 100

74 140.9 109.1 163.7

44 8.0 5.4 8.2





#5

2-Fluorophenol

Concen: 80.03 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

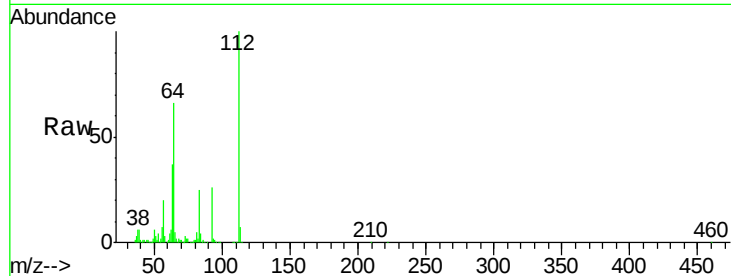
Tgt Ion: 112 Resp: 428209

Ion Ratio Lower Upper

112 100

64 66.1 53.4 80.2

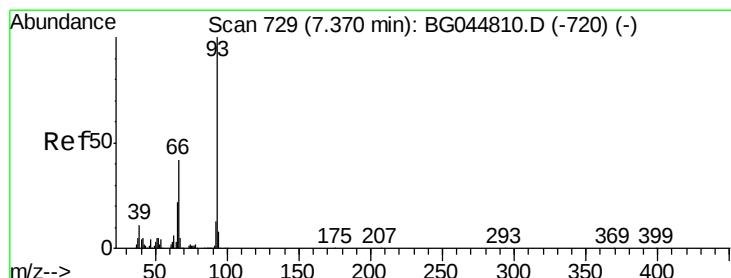
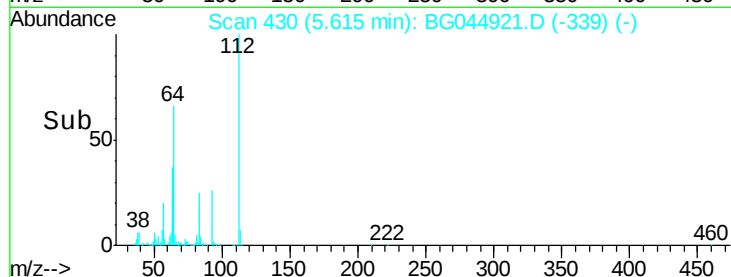
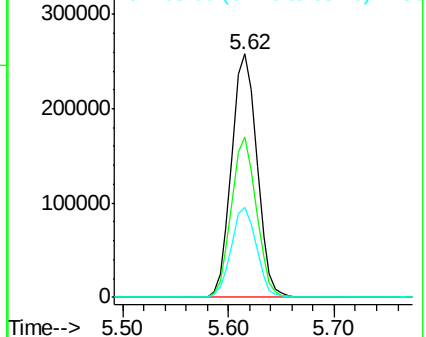
63 37.0 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.67 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

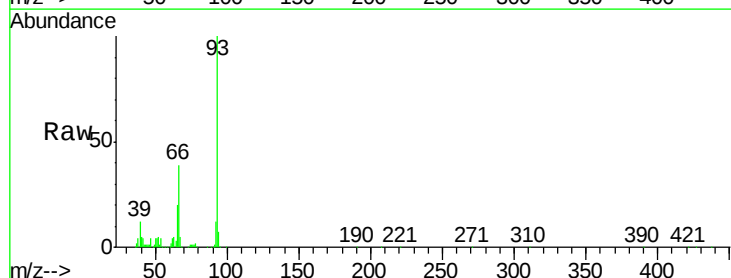
Tgt Ion: 93 Resp: 238677

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

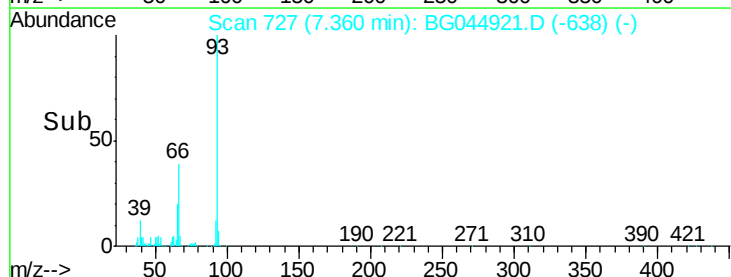
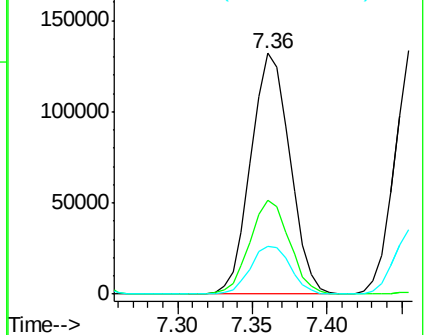
65 20.1 17.7 26.5

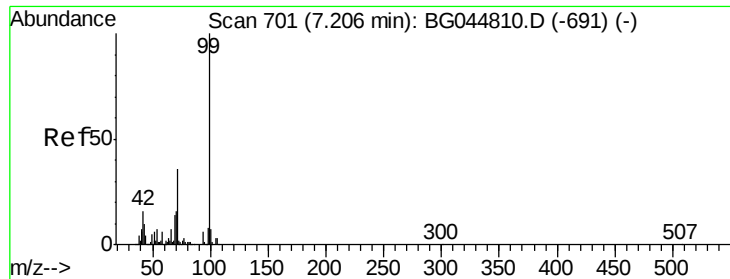


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 75.24 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

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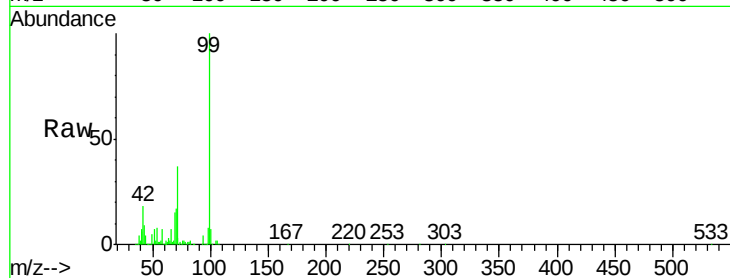
Tgt Ion: 99 Resp: 584904

Ion Ratio Lower Upper

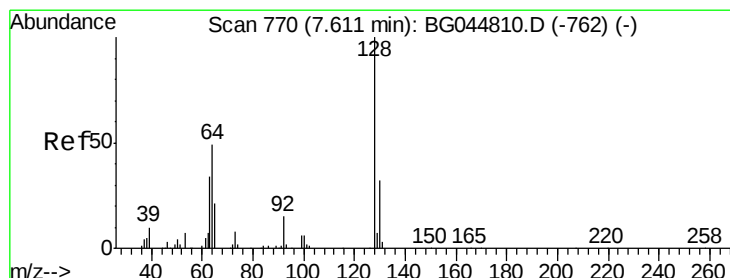
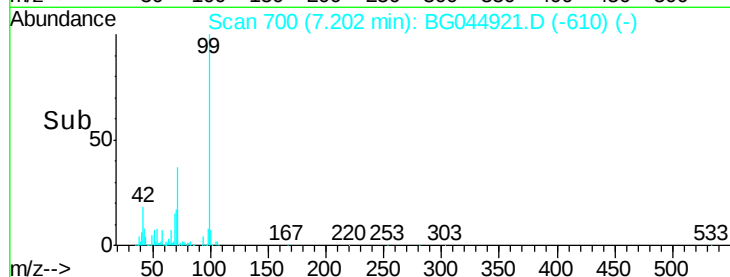
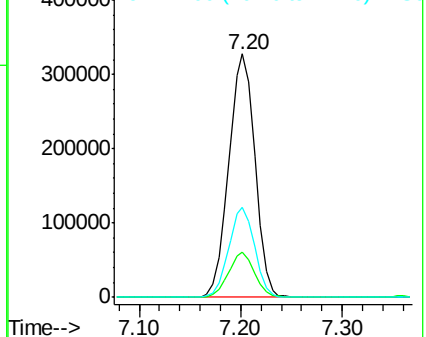
99 100

42 18.4 12.6 19.0

71 37.2 29.0 43.4



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: 44.27 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

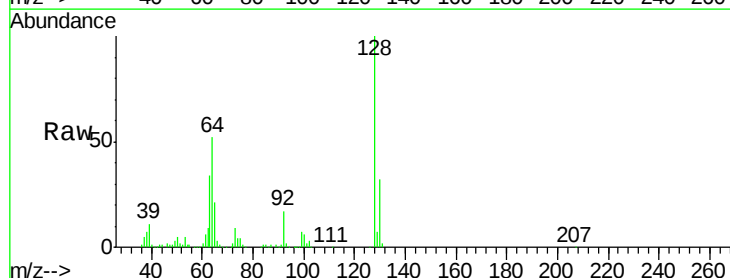
Tgt Ion: 128 Resp: 236463

Ion Ratio Lower Upper

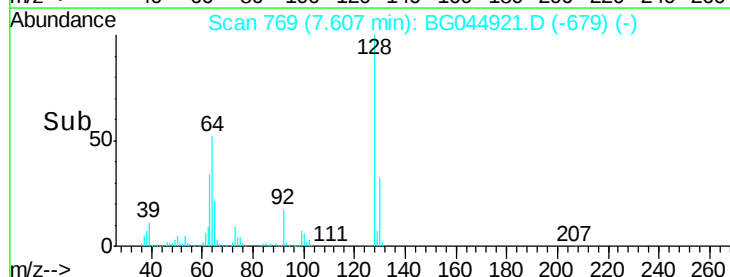
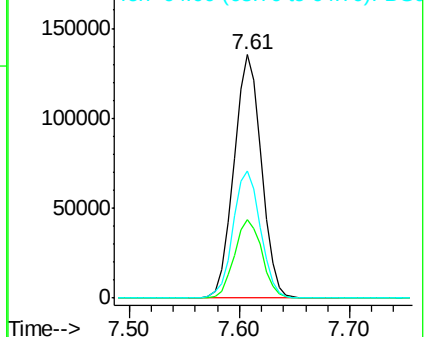
128 100

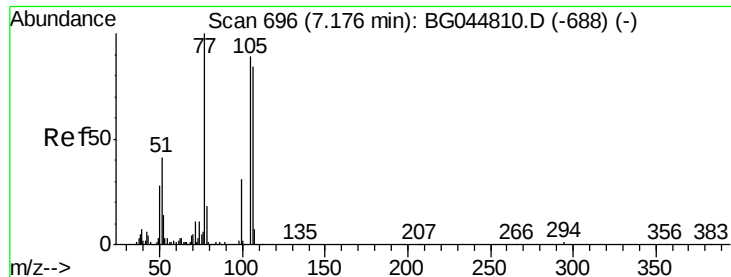
130 32.2 11.6 51.6

64 52.0 34.5 74.5



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





#9

Benzaldehyde

Concen: 35.36 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

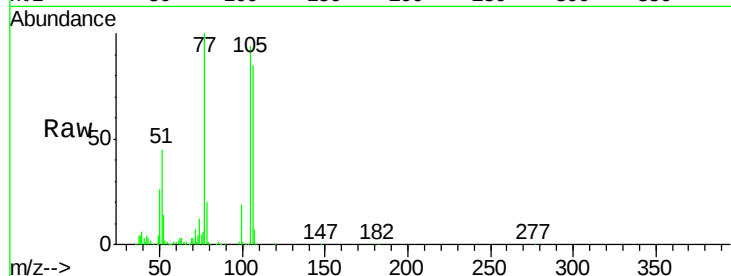
Tgt Ion: 77 Resp: 173016

Ion Ratio Lower Upper

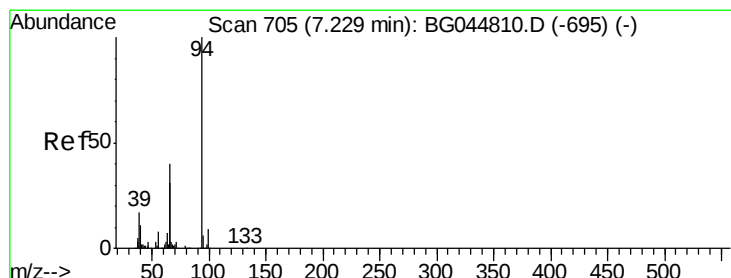
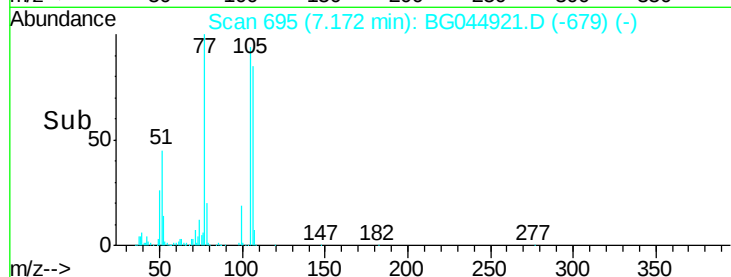
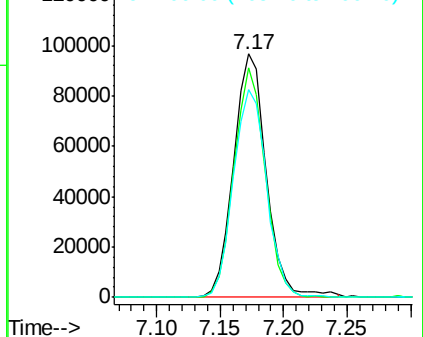
77 100

105 94.1 69.3 109.3

106 85.2 64.5 104.5



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: 40.89 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

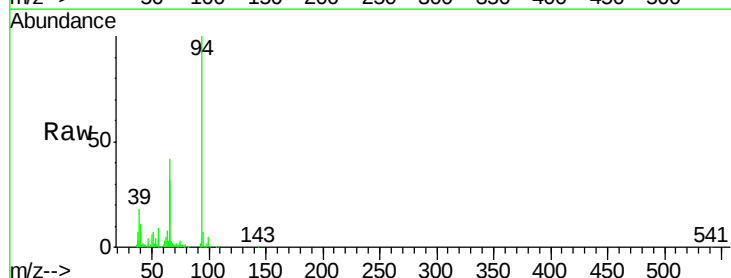
Tgt Ion: 94 Resp: 314735

Ion Ratio Lower Upper

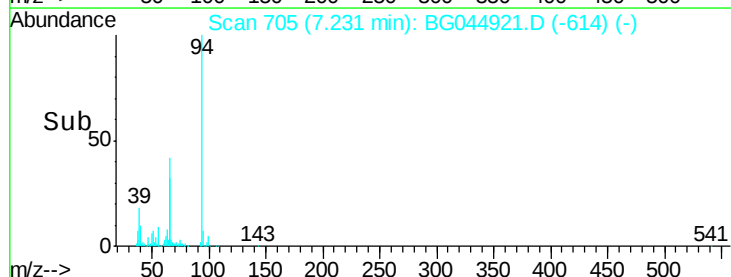
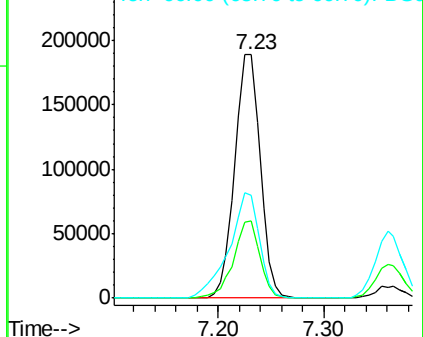
94 100

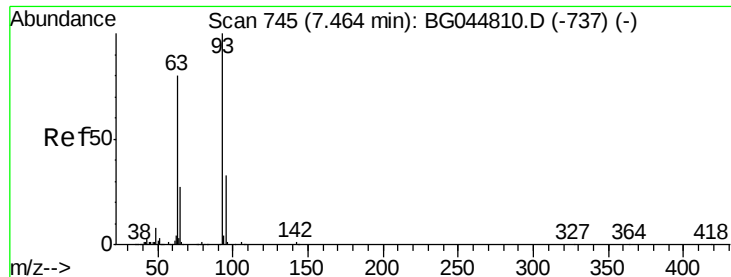
65 31.6 11.0 51.0

66 42.4 20.1 60.1



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

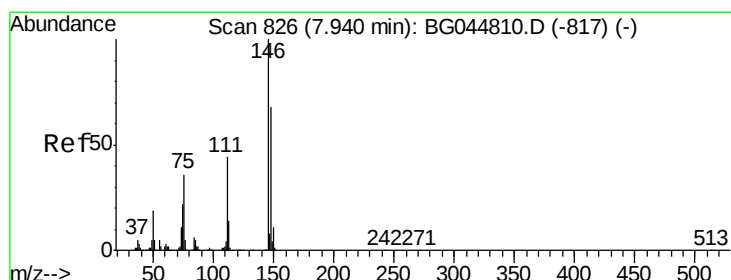
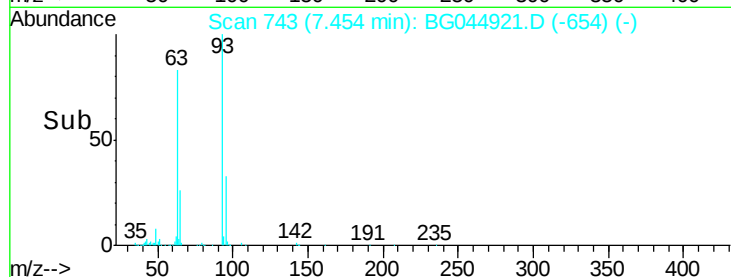
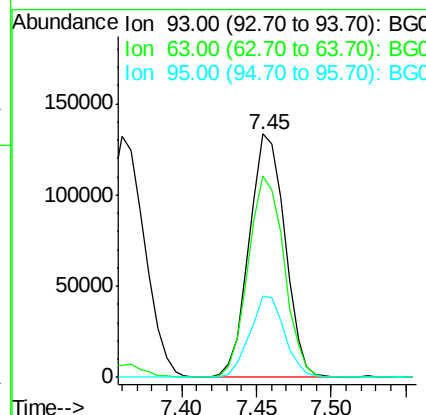
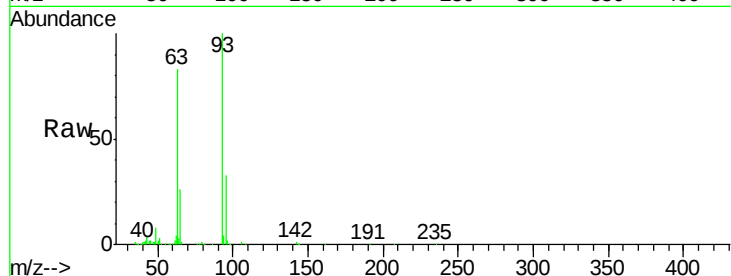




#11
 bis(2-Chloroethyl)ether
 Concen: 35.75 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

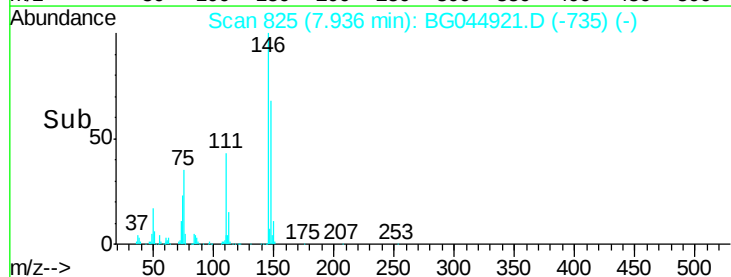
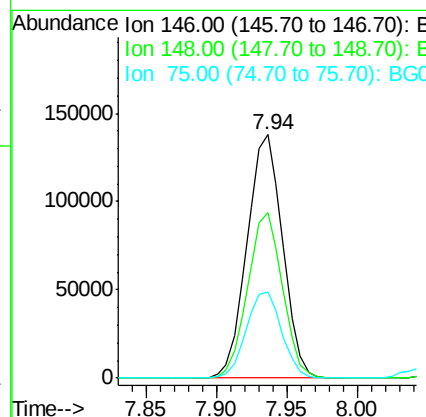
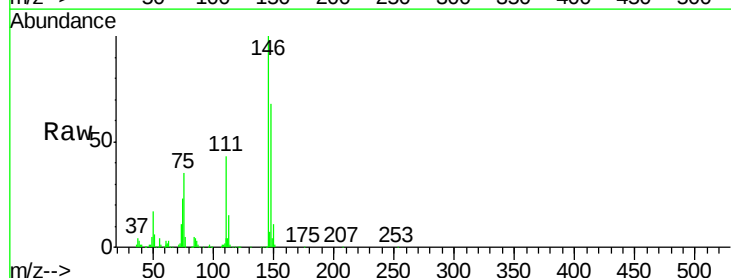
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

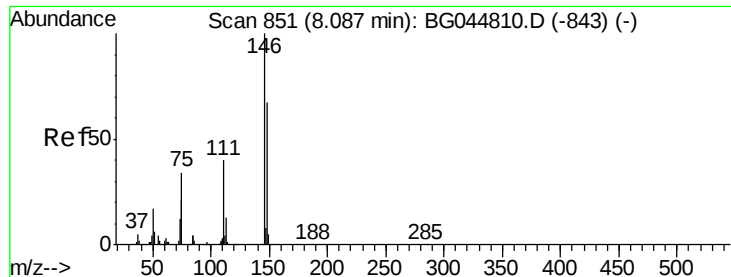
Tgt Ion: 93 Resp: 219600
 Ion Ratio Lower Upper
 93 100
 63 82.8 59.7 99.7
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 36.97 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion: 146 Resp: 243263
 Ion Ratio Lower Upper
 146 100
 148 67.9 54.2 81.4
 75 35.2 28.6 42.8

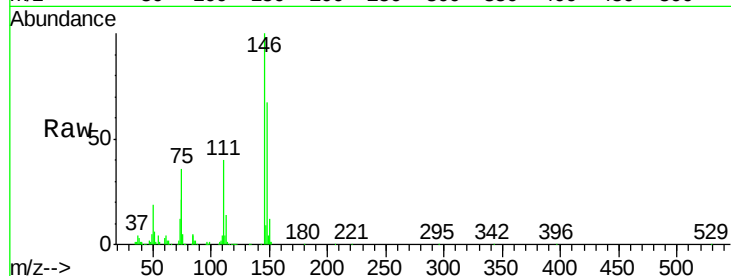




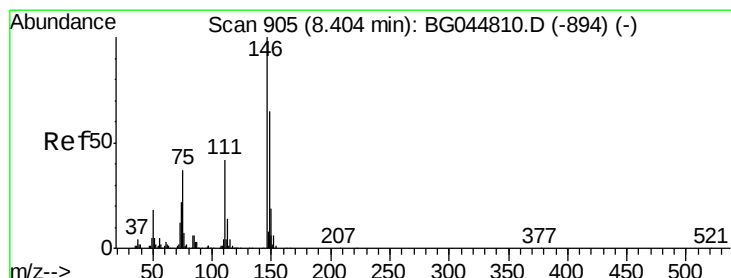
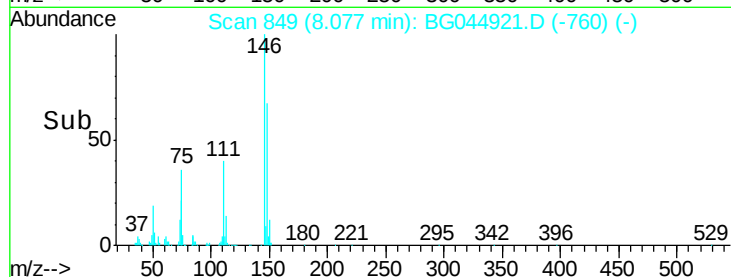
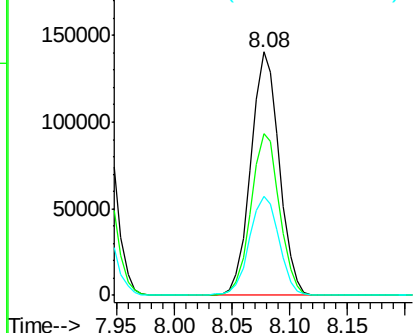
#13
 1,4-Dichlorobenzene
 Concen: 36.96 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tgt Ion:146 Resp: 240434
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.8 80.6
 111 40.4 32.0 48.0

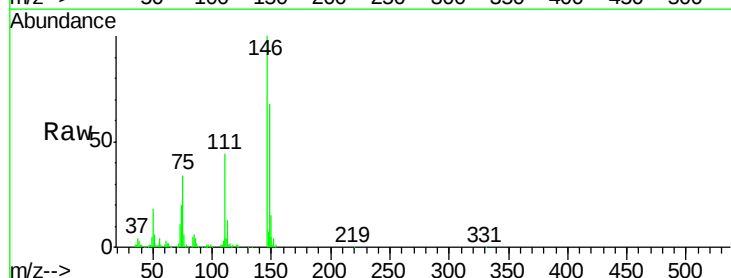


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

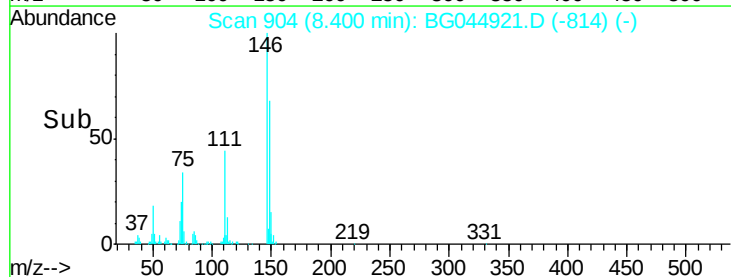
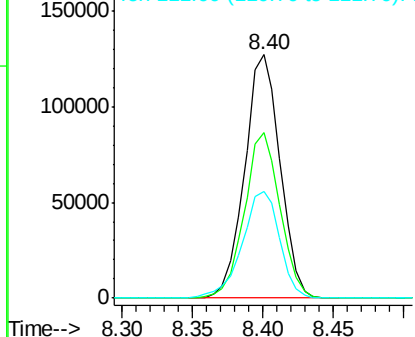


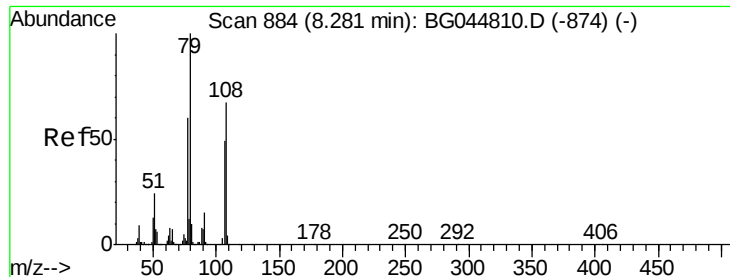
#14
 1,2-Dichlorobenzene
 Concen: 36.18 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:146 Resp: 223203
 Ion Ratio Lower Upper
 146 100
 148 67.9 52.1 78.1
 111 43.8 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

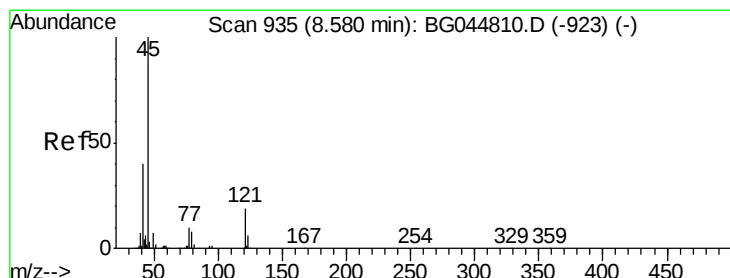
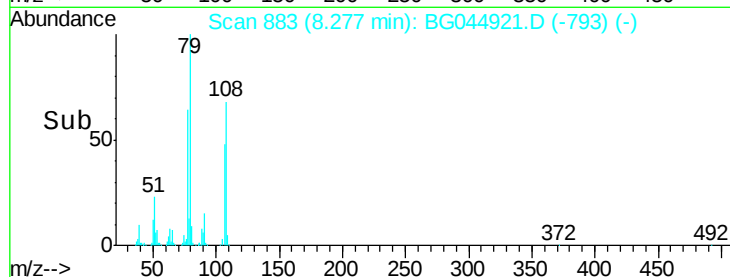
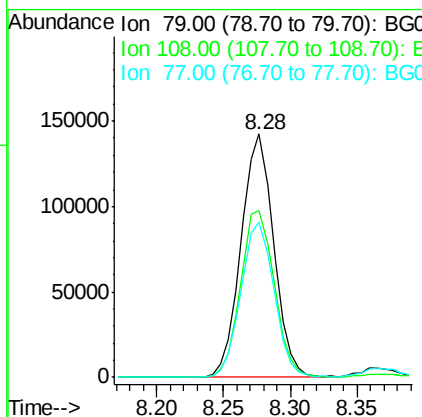
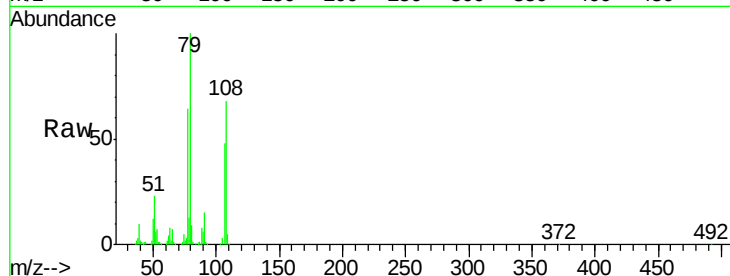




#15
Benzyl Alcohol
Concen: 38.69 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

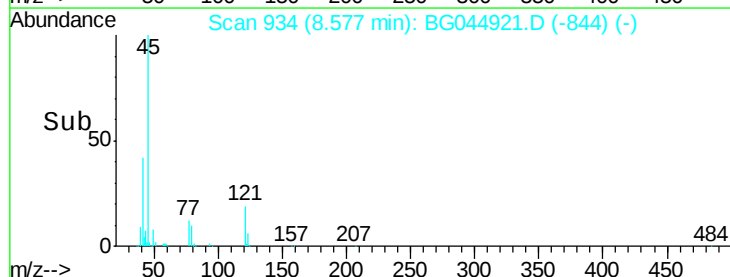
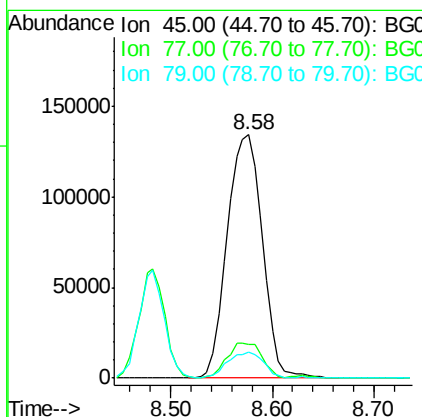
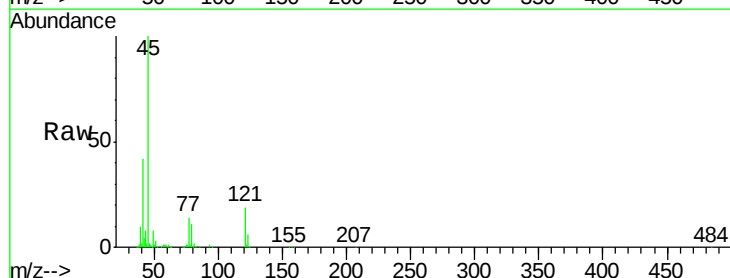
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

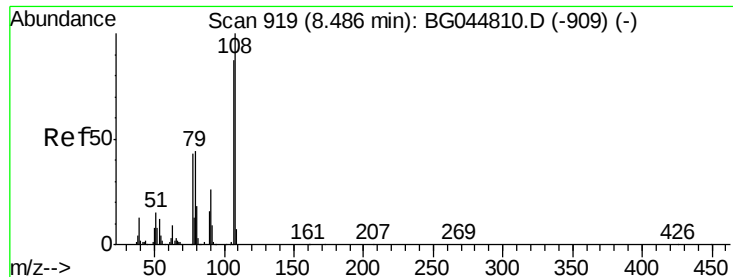
Tgt Ion: 79 Resp: 241357
Ion Ratio Lower Upper
79 100
108 68.4 53.8 80.8
77 63.7 47.8 71.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.76 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion: 45 Resp: 322600
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.9
79 10.8 0.0 30.8

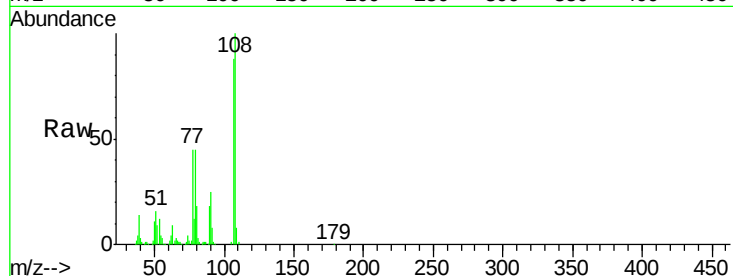




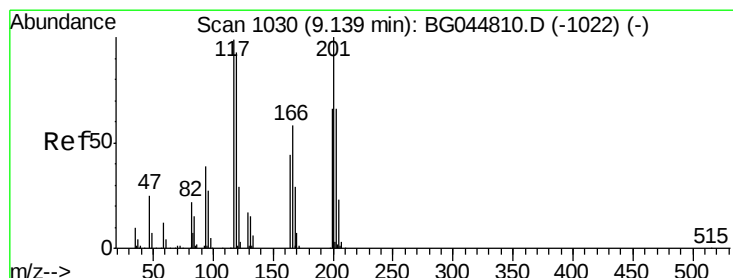
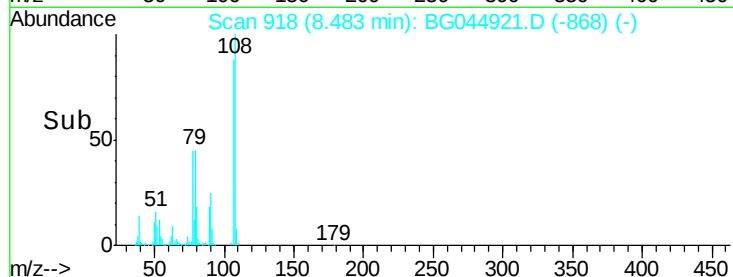
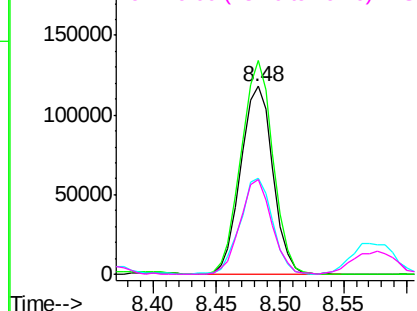
#17
2-Methylphenol
Concen: 40.01 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tgt Ion:	107	Resp:	208608
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.8
77	50.9	40.0	60.0
79	50.5	40.2	60.2

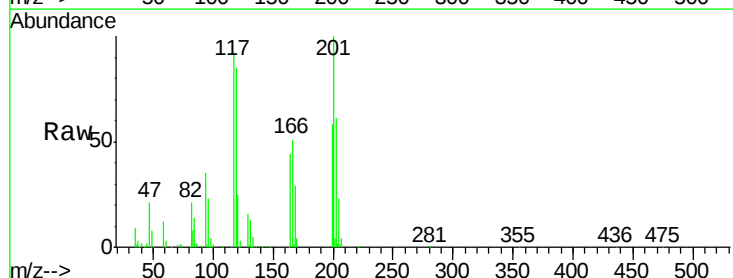


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

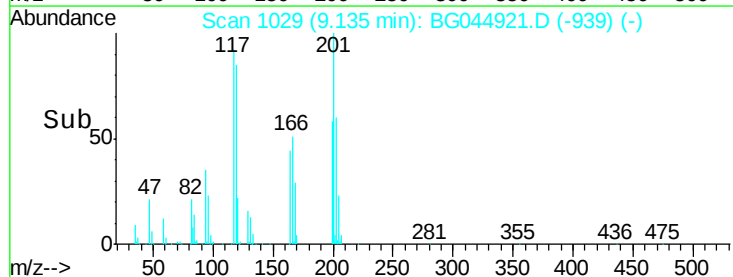
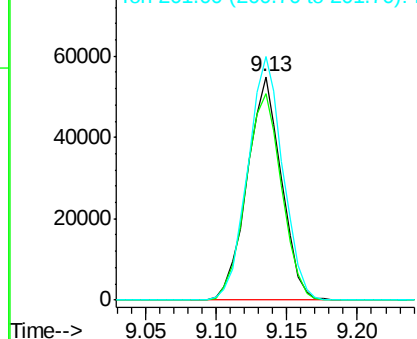


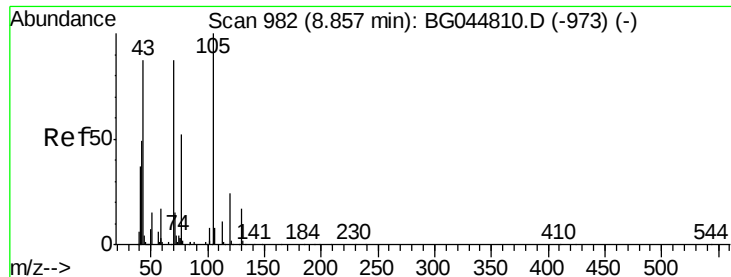
#18
Hexachloroethane
Concen: 36.36 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:	117	Resp:	93109
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.2	112.8
201	109.1	81.1	121.7



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

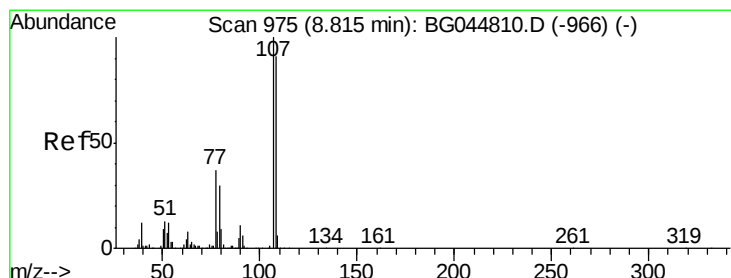
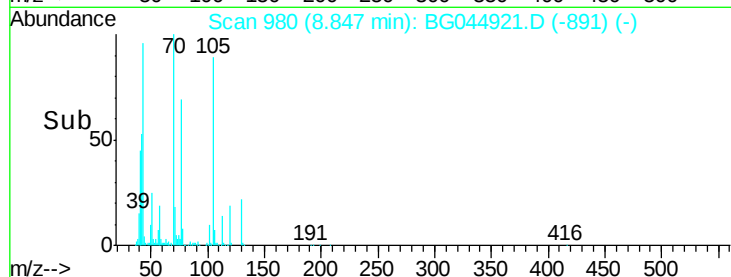
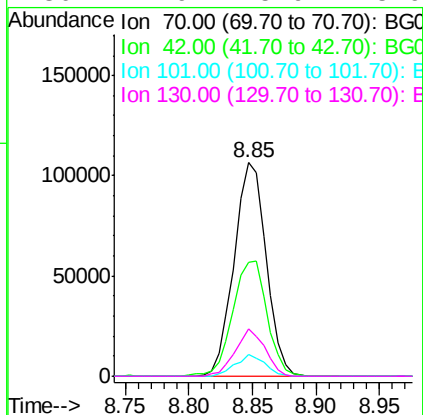
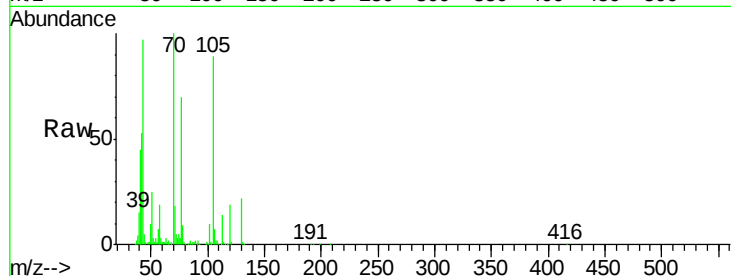




#19
n-Nitroso-di-n-propylamine
Concen: 34.02 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

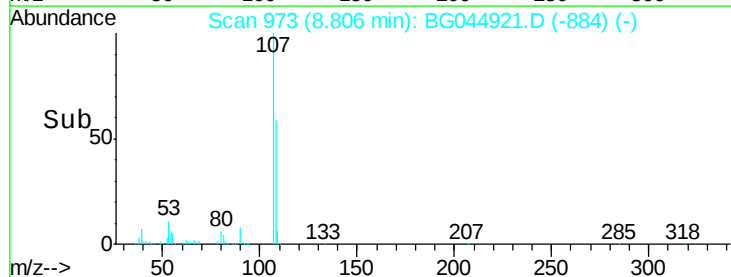
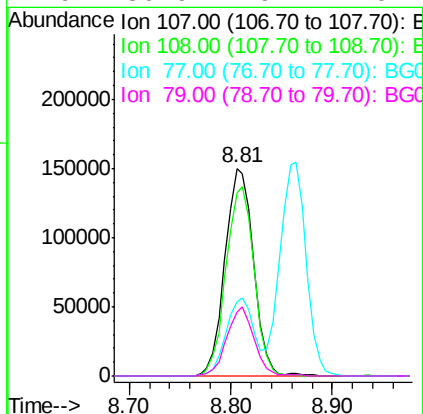
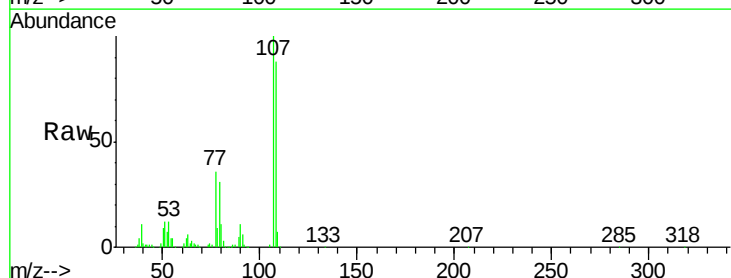
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

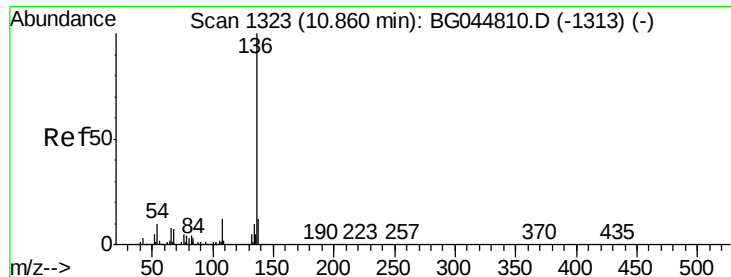
Tgt Ion:	70	Resp:	186773
Ion	Ratio	Lower	Upper
70	100		
42	53.5	45.7	68.5
101	10.0	7.4	11.2
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:	107	Resp:	291270
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.3	111.3
77	35.7	16.9	56.9
79	30.9	9.7	49.7

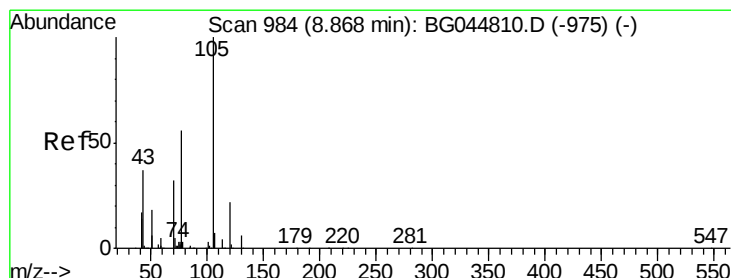
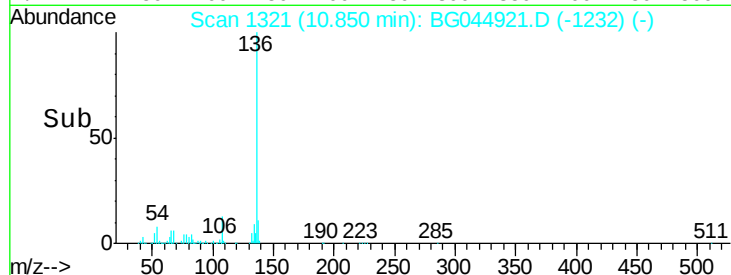
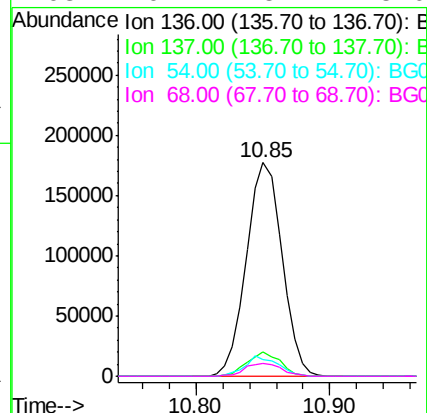
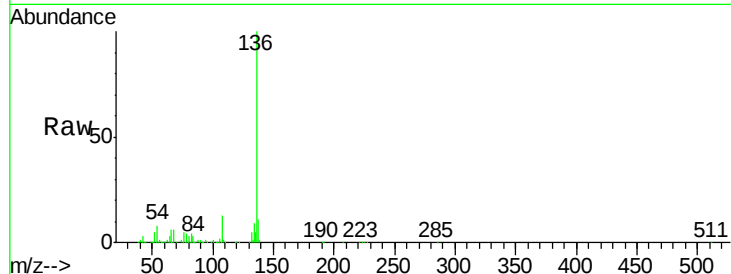




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

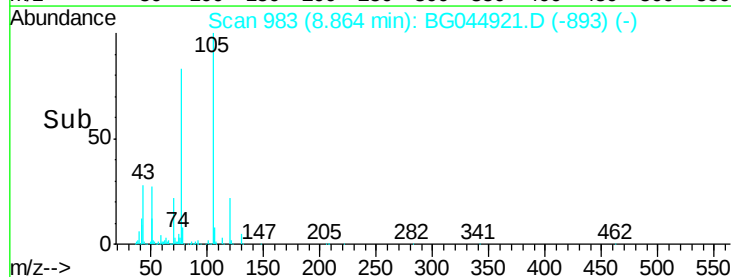
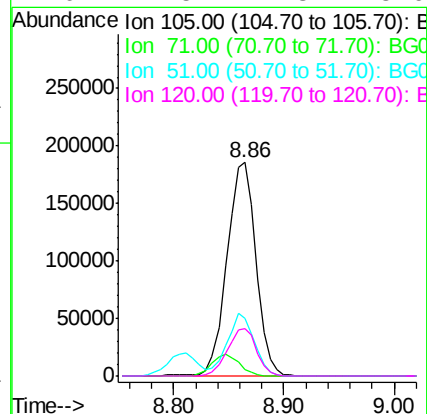
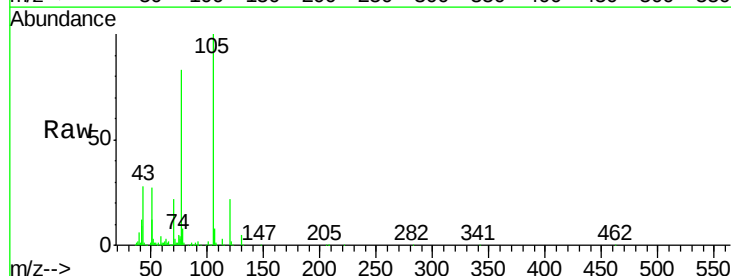
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

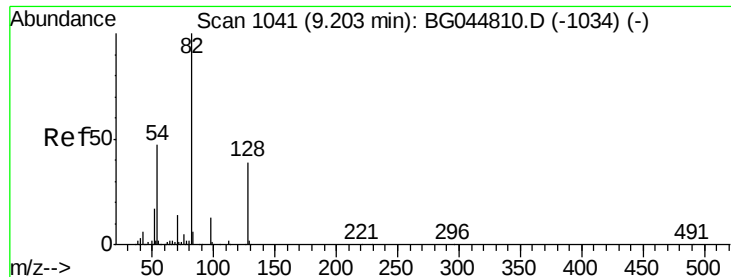
Tgt Ion:	136	Resp:	327826
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	7.9	7.9	11.9
68	6.1	5.4	8.0



#22
Acetophenone
Concen: 36.55 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:	105	Resp:	339409
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.9	5.9#
51	27.2	22.6	33.8
120	22.5	17.3	25.9





#23

Nitrobenzene-d5

Concen: 71.71 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

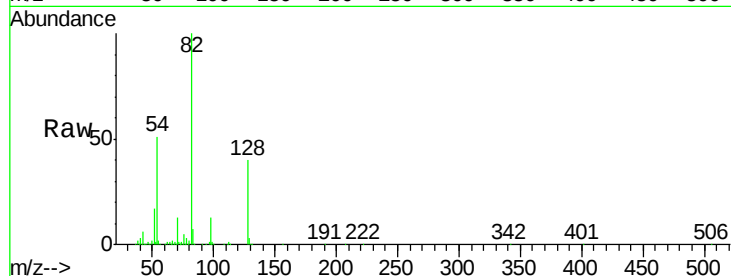
Tgt Ion: 82 Resp: 535716

Ion Ratio Lower Upper

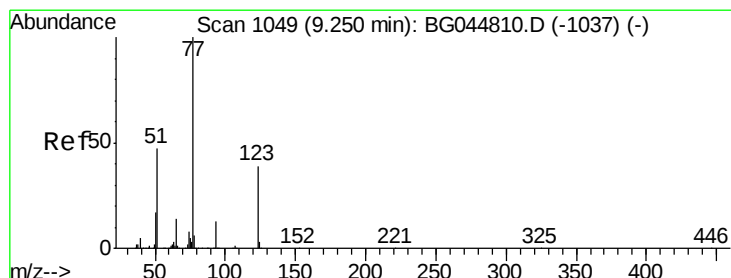
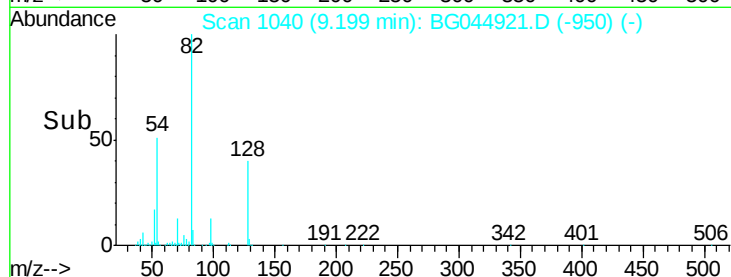
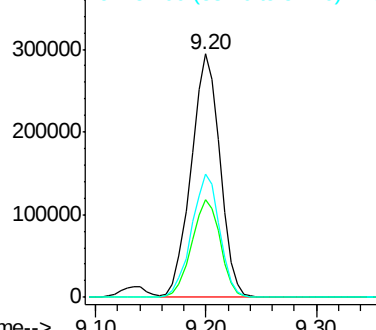
82 100

128 39.9 30.6 46.0

54 50.6 37.1 55.7



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: 36.42 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

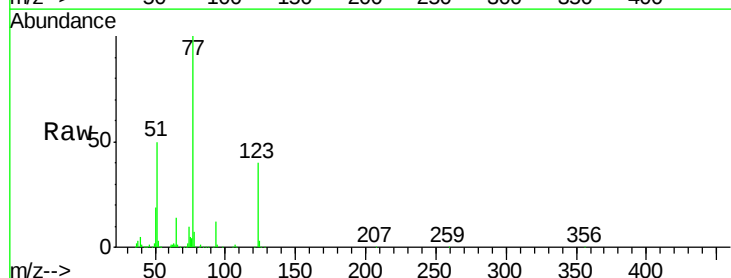
Tgt Ion: 77 Resp: 282329

Ion Ratio Lower Upper

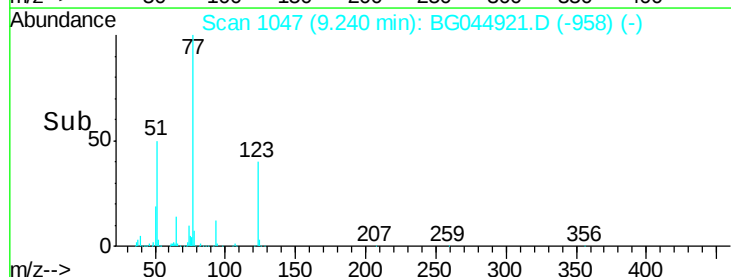
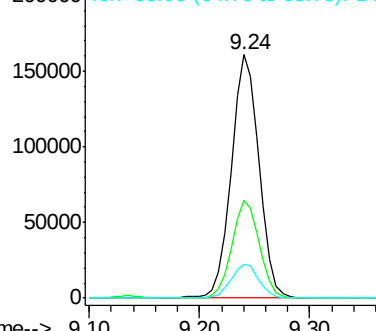
77 100

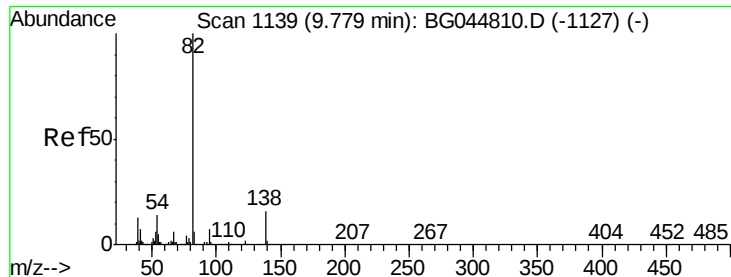
123 40.2 31.3 46.9

65 14.0 11.4 17.0



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: 35.74 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

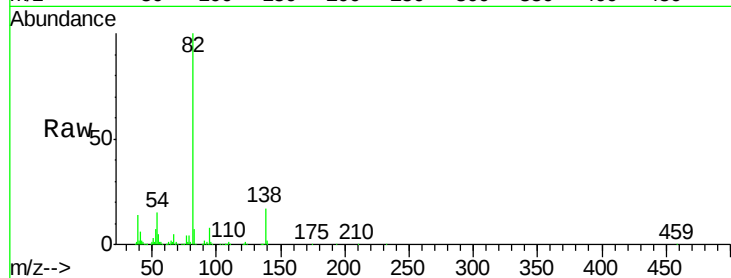
Tgt Ion: 82 Resp: 521126

Ion Ratio Lower Upper

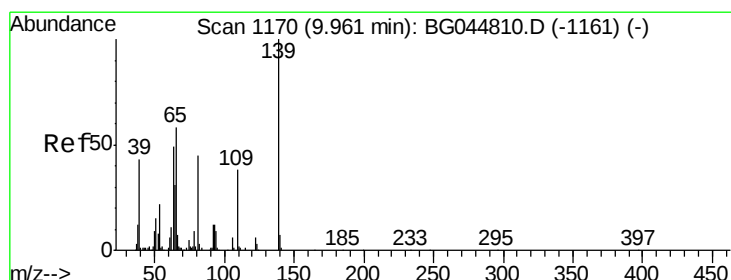
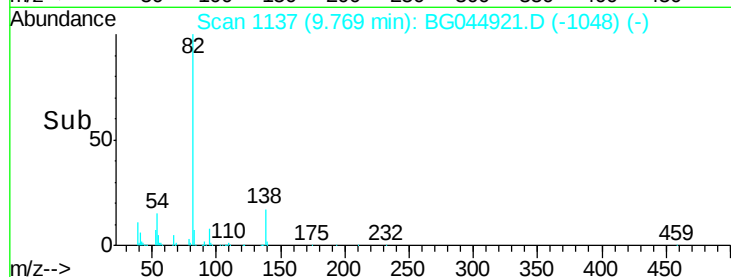
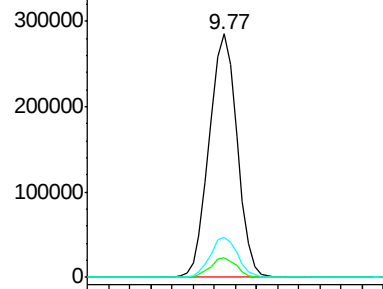
82 100

95 8.3 5.5 8.3#

138 16.7 12.5 18.7



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: 46.25 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

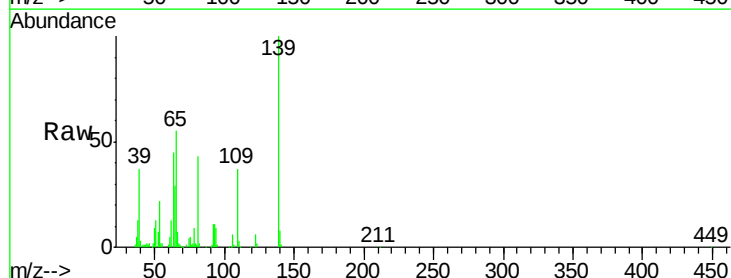
Tgt Ion: 139 Resp: 123858

Ion Ratio Lower Upper

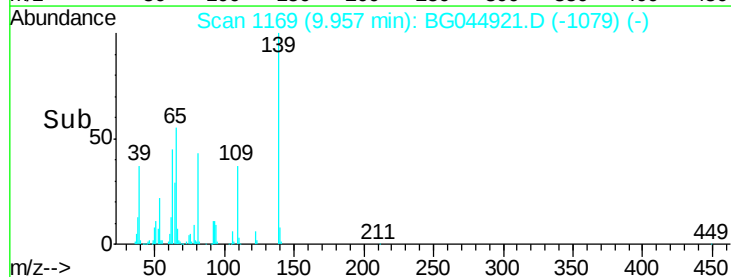
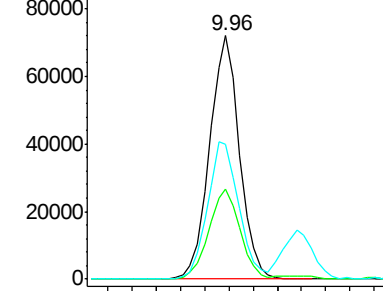
139 100

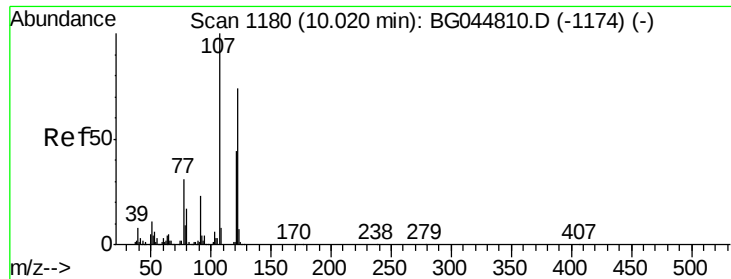
109 37.0 30.2 45.4

65 55.4 46.3 69.5



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

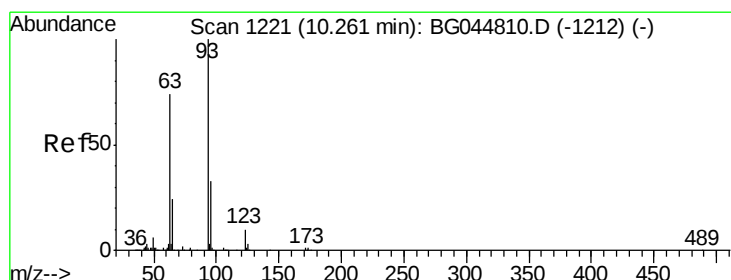
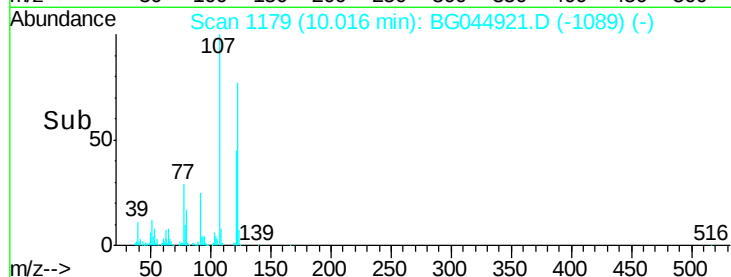
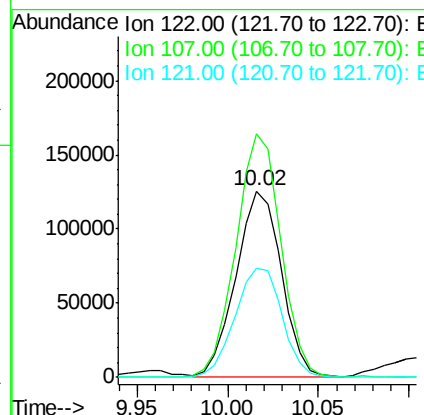
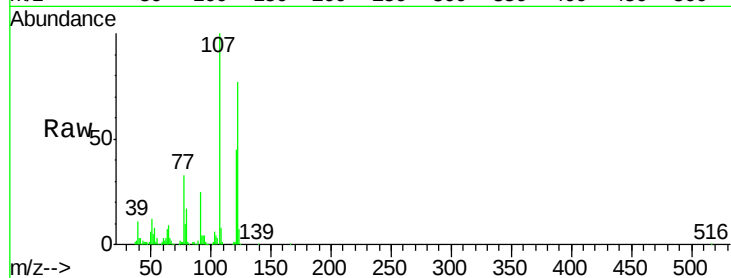




#27
 2,4-Dimethylphenol
 Concen: 45.78 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

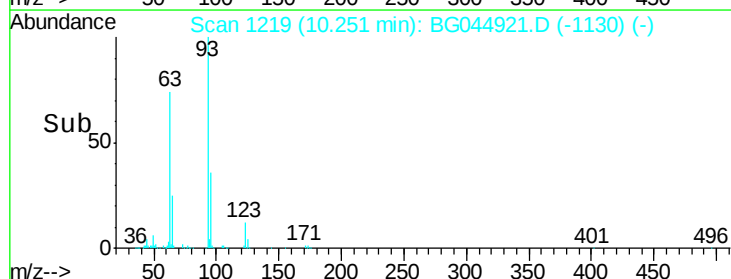
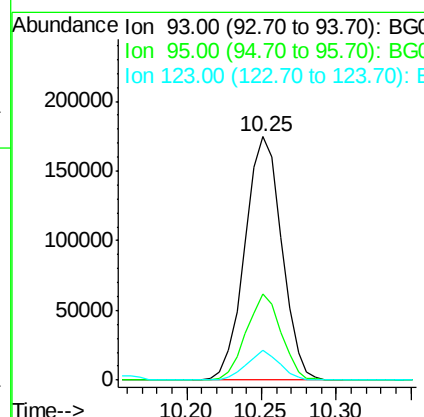
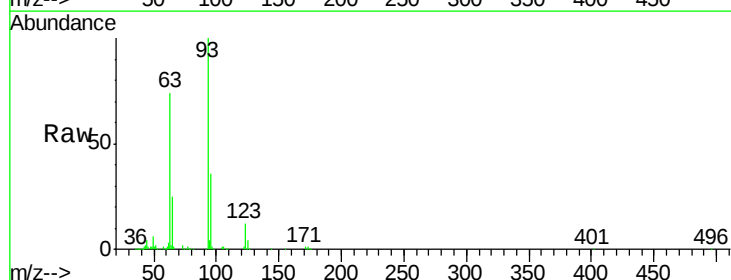
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

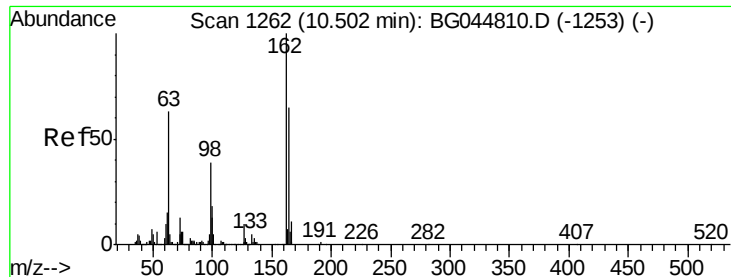
Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.6	107.1	160.7
121	58.7	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.21 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.6	26.4	39.6
123	12.1	8.4	12.6

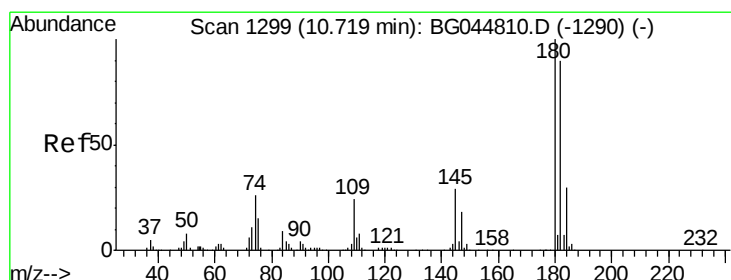
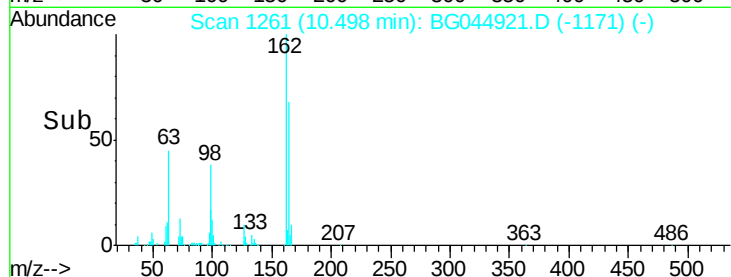
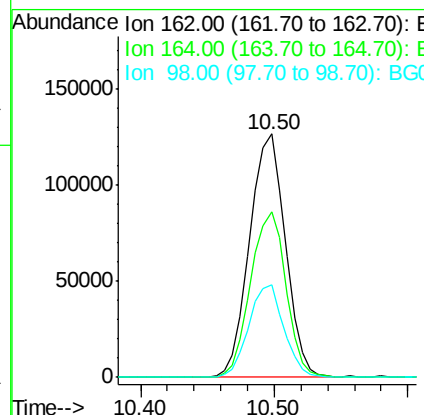
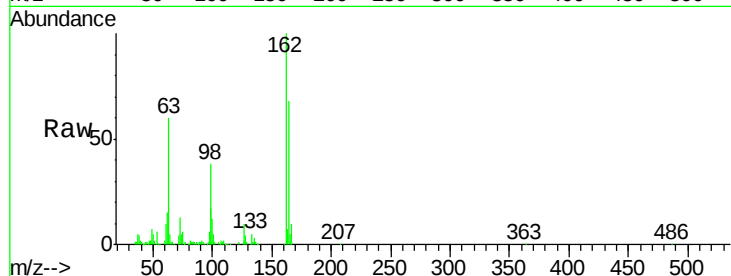




#29
 2,4-Dichlorophenol
 Concen: 42.27 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

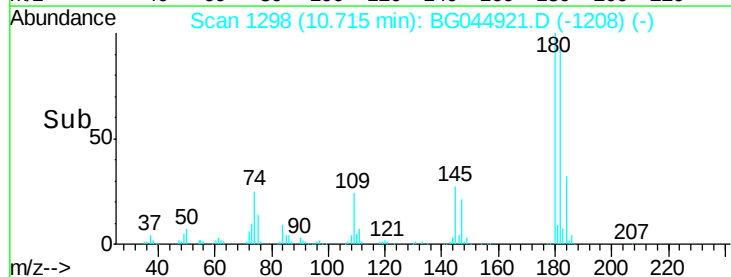
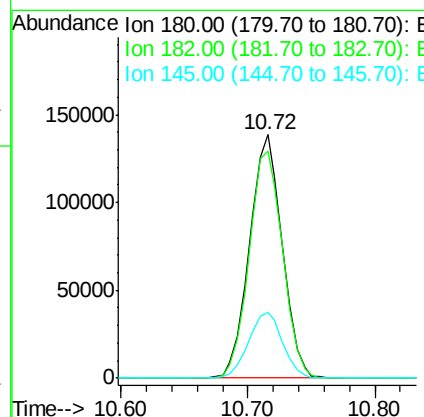
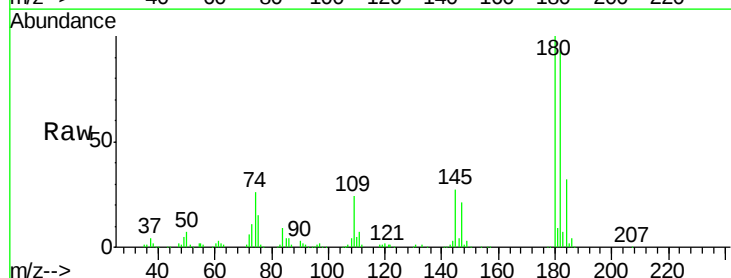
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.2	45.2	85.2
98	37.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.34 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	71.6	107.4
145	26.9	23.4	35.0

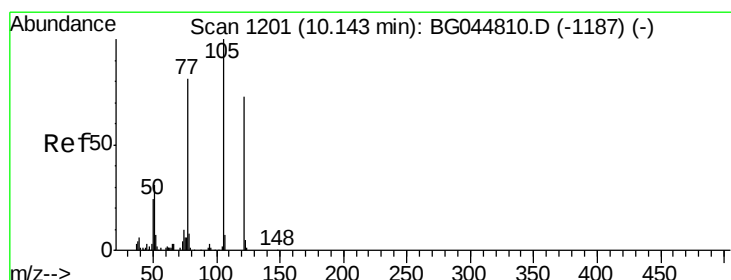
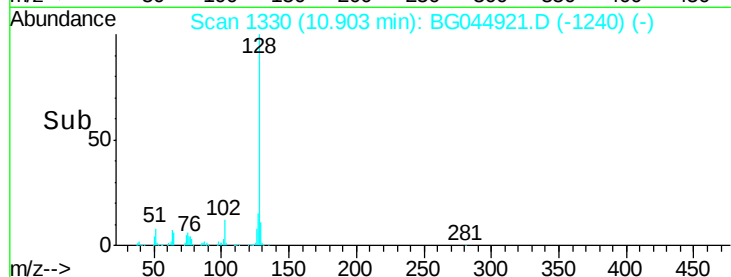
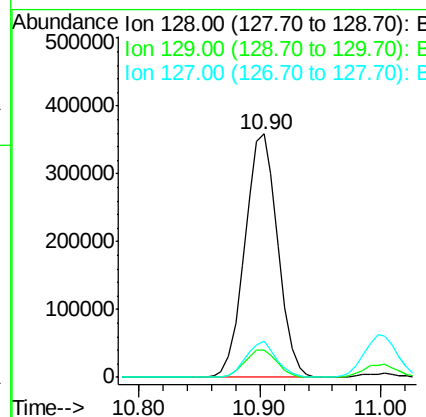
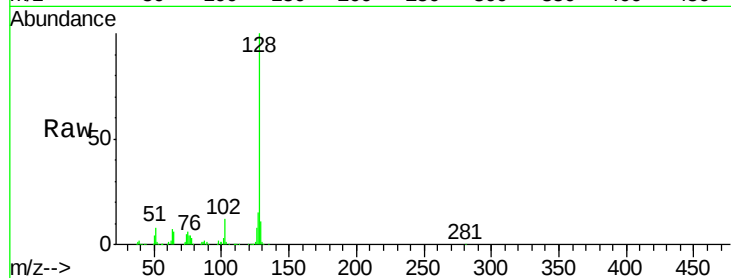




#31
Naphthalene
Concen: 37.32 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

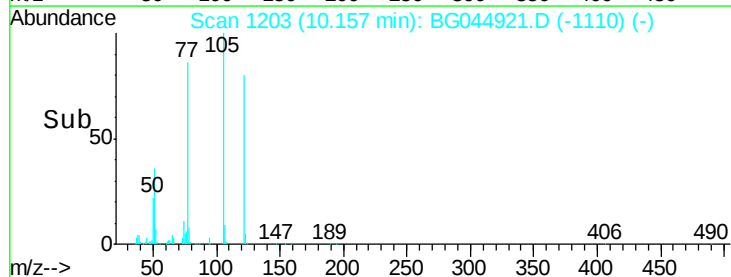
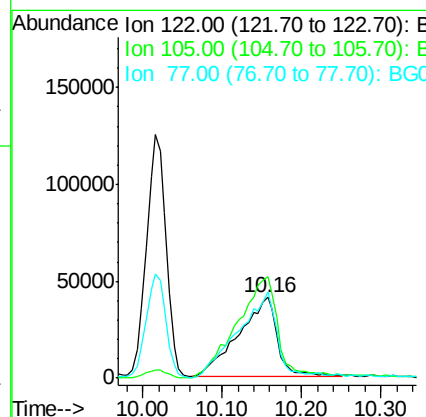
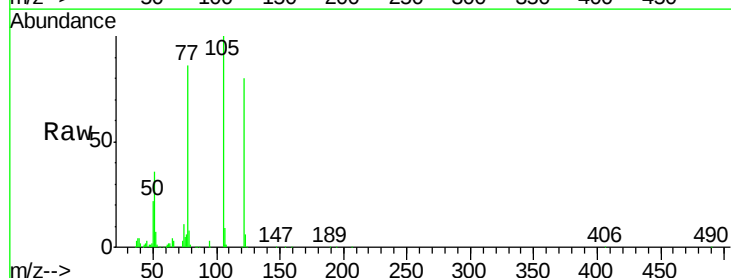
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tgt Ion:128 Resp: 677774
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 14.9 10.8 16.2



#32
Benzoic acid
Concen: 40.11 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:122 Resp: 140983
Ion Ratio Lower Upper
122 100
105 125.1 109.1 149.1
77 107.0 85.3 125.3

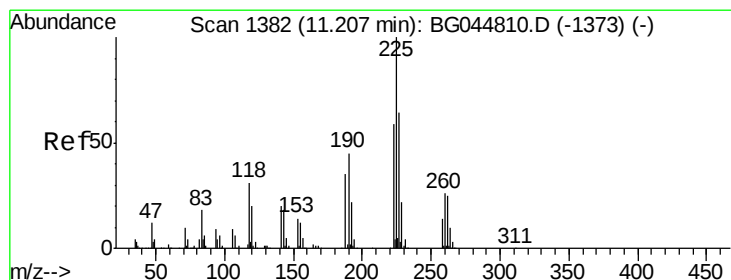
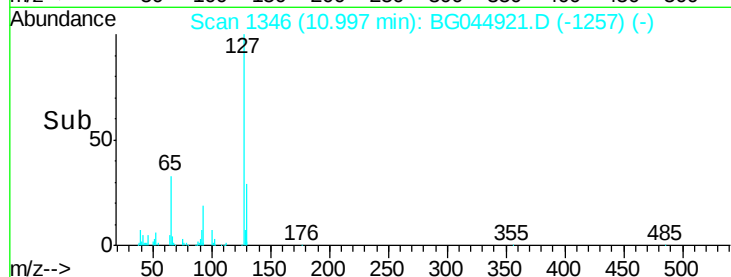
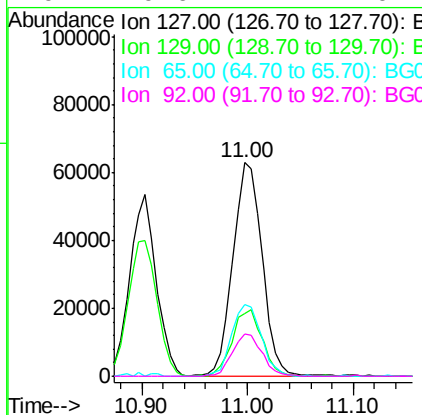
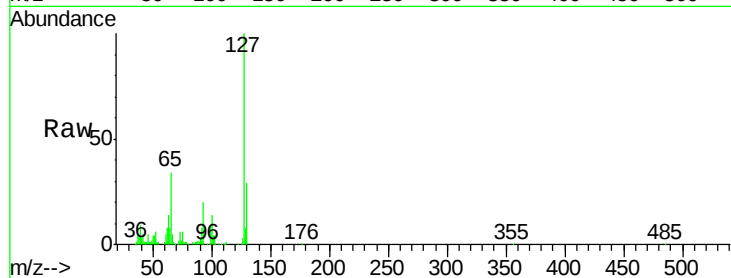




#33
4-Chloroaniline
Concen: 14.73 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

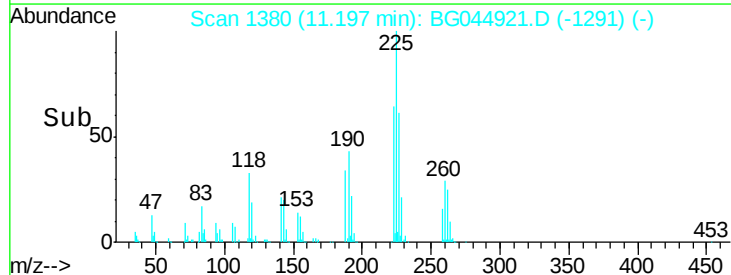
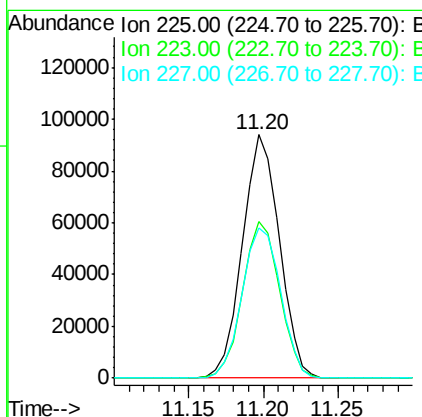
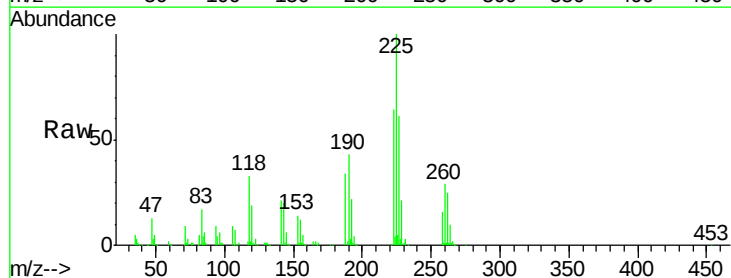
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

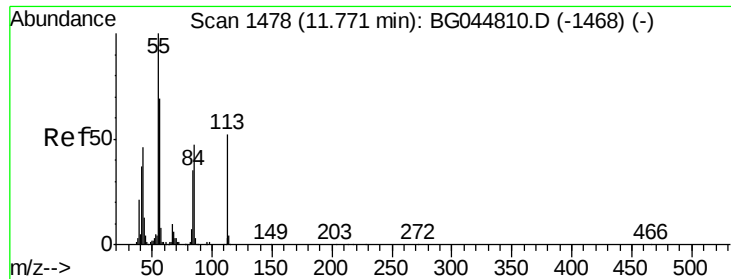
Tgt Ion:	127	Resp:	120530
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.9	40.3
65	33.7	27.7	41.5
92	19.6	17.4	26.2



#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:	225	Resp:	161259
Ion	Ratio	Lower	Upper
225	100		
223	64.4	47.4	71.0
227	61.5	50.8	76.2

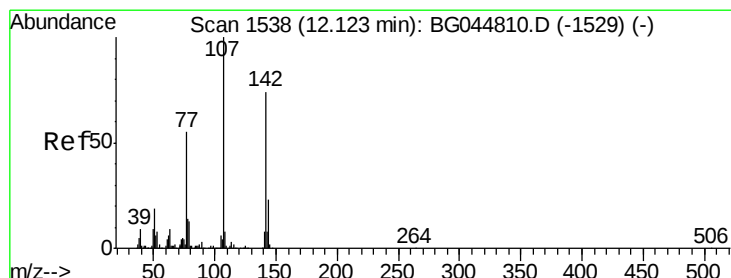
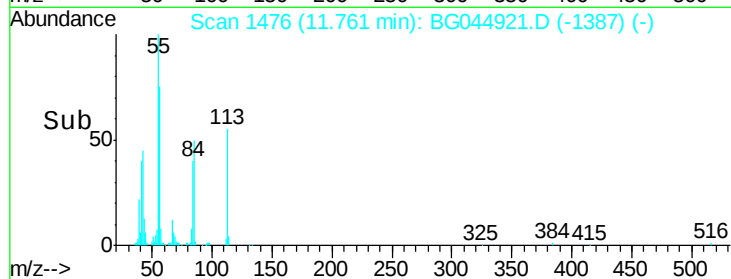
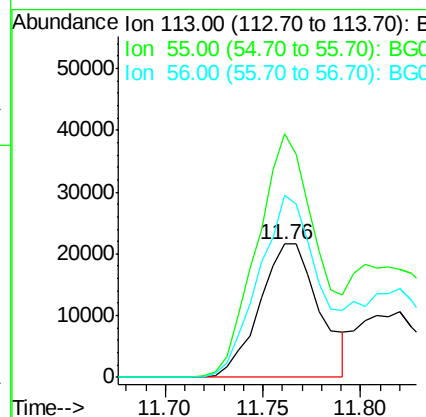
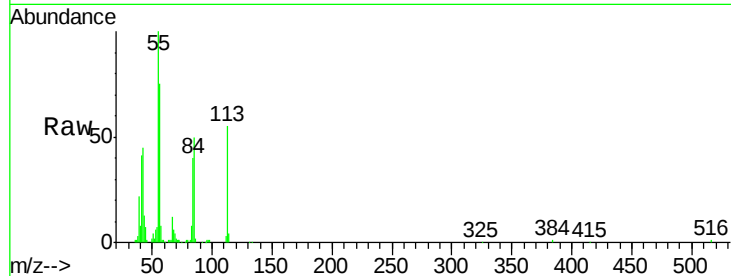




#35
 Caprolactam
 Concen: 21.74 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

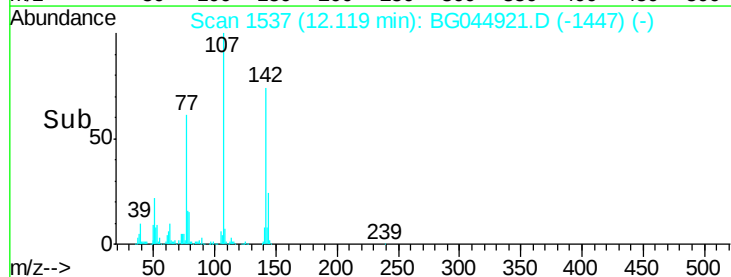
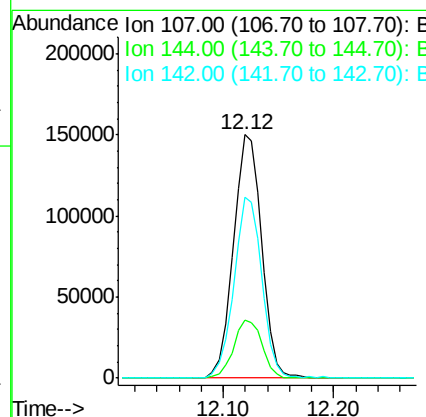
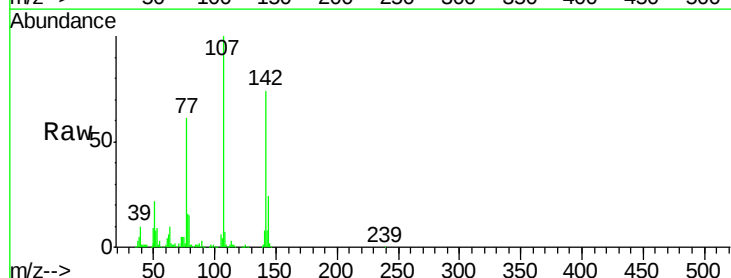
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

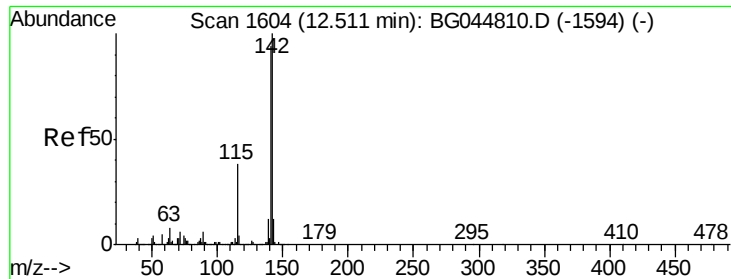
Tgt Ion:113 Resp: 45643
 Ion Ratio Lower Upper
 113 100
 55 182.5 173.8 213.8
 56 136.7 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.69 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:107 Resp: 269137
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.0 27.0
 142 74.1 59.0 88.4

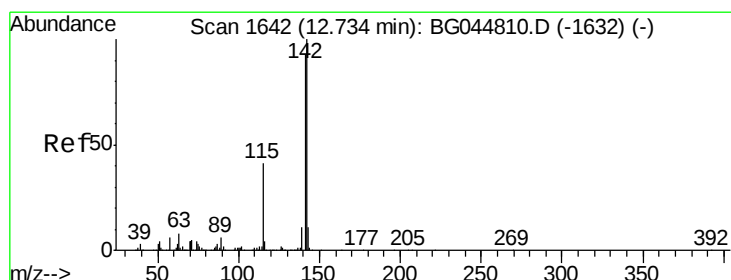
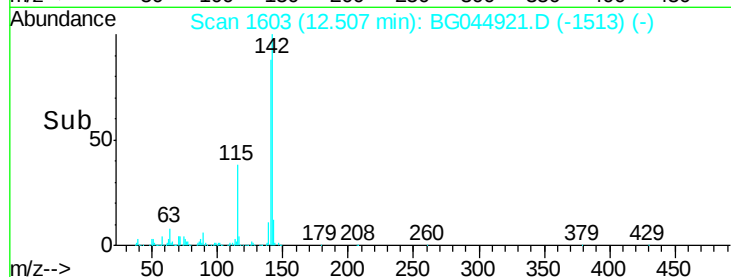
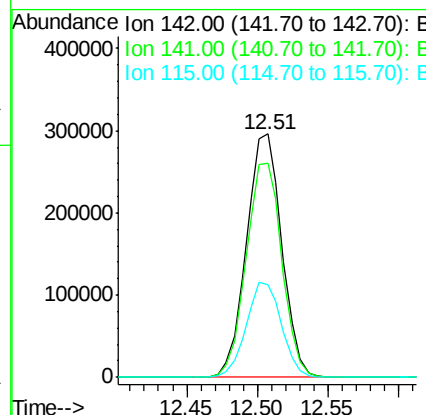
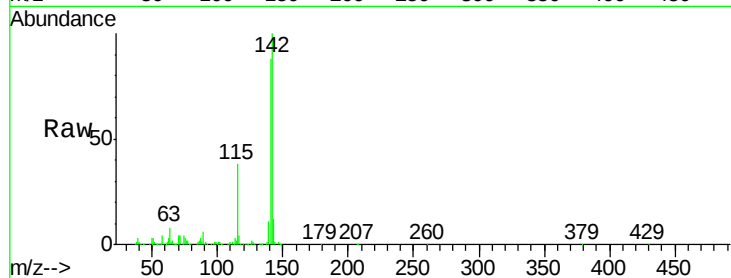




#37
 2-Methylnaphthalene
 Concen: 38.19 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

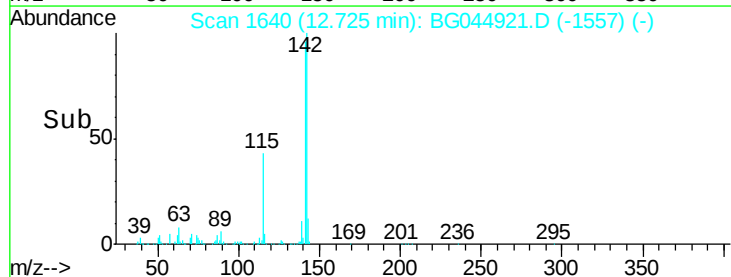
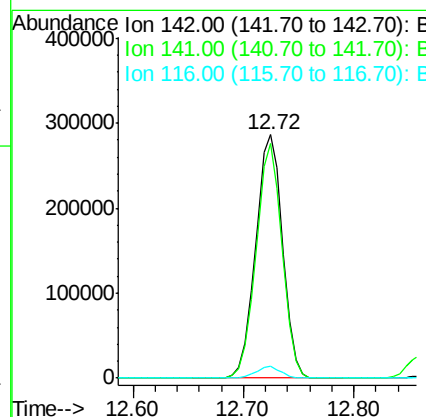
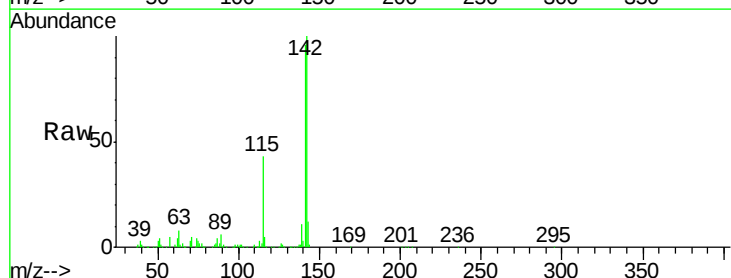
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	75.1	112.7
115	38.2	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 38.21 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	74.7	112.1
116	4.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

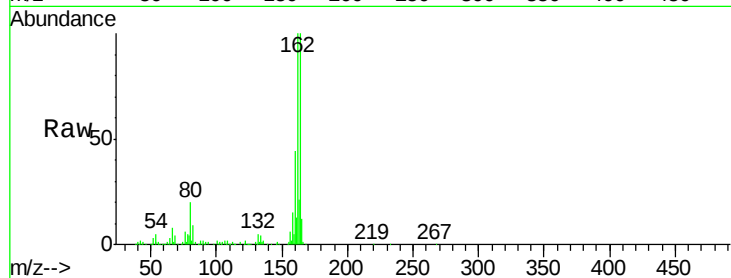
Tgt Ion:164 Resp: 221311

Ion Ratio Lower Upper

164 100

162 99.5 76.7 115.1

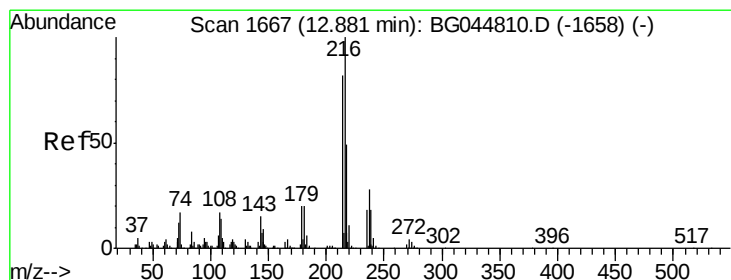
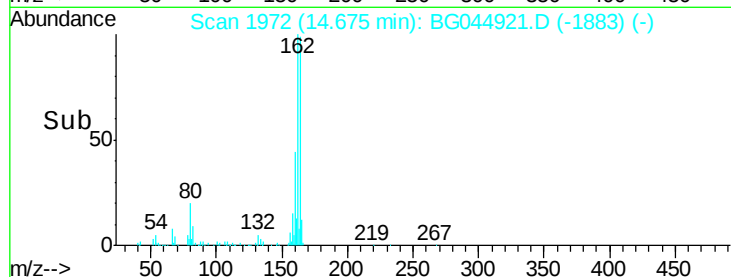
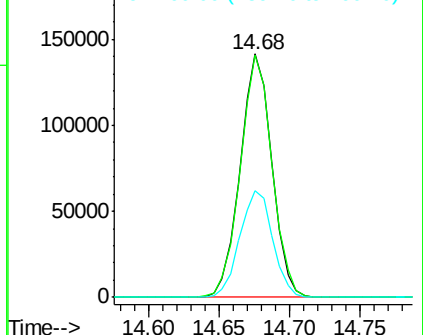
160 43.9 35.0 52.4



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: 37.83 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:216 Resp: 275729

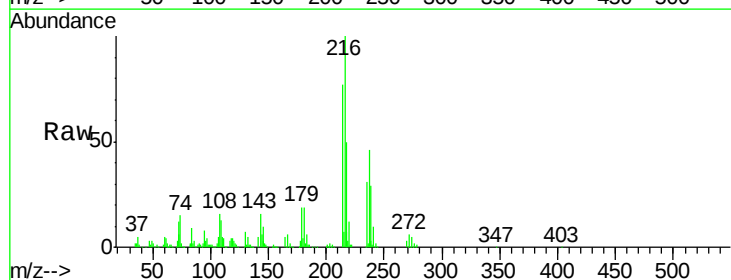
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 19.7 16.2 24.2

108 20.2 14.6 22.0

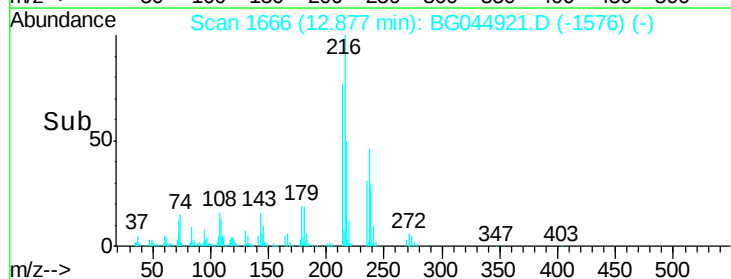
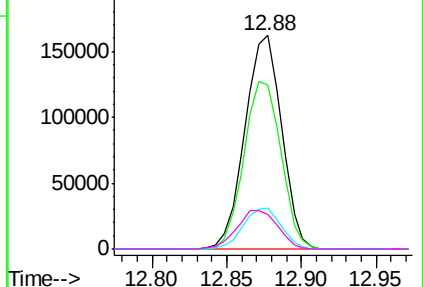


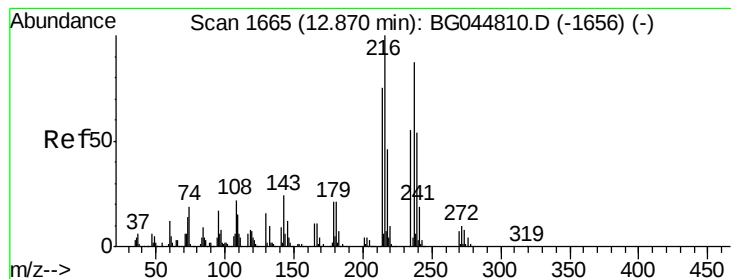
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.59 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

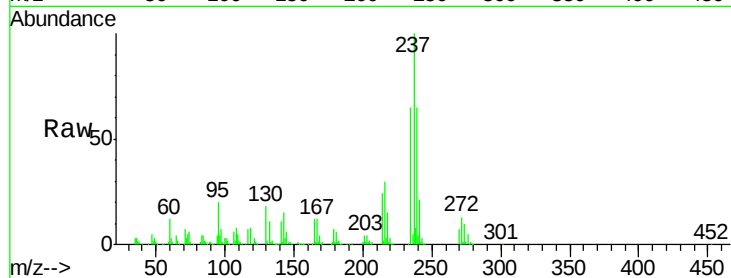
Tgt Ion:237 Resp: 380737

Ion Ratio Lower Upper

237 100

235 65.1 42.9 82.9

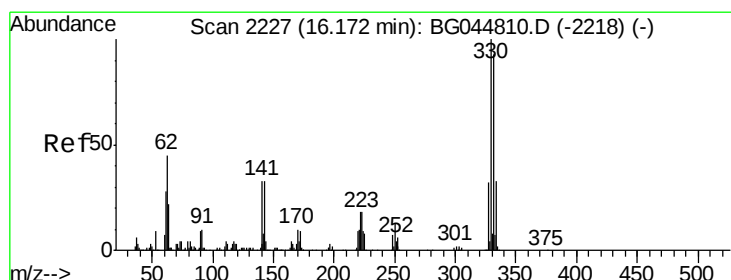
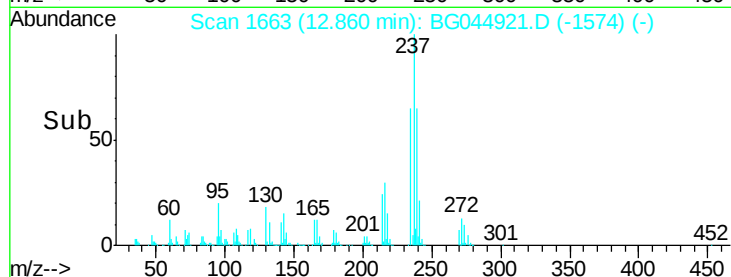
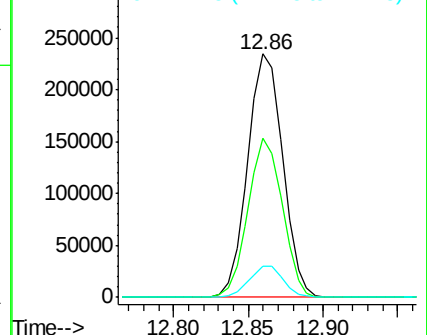
272 12.7 0.0 31.6



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: 87.54 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

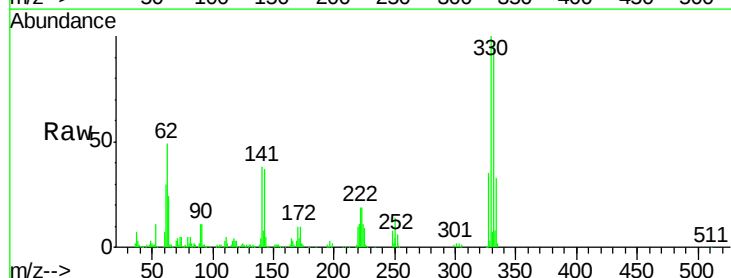
Tgt Ion:330 Resp: 253661

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

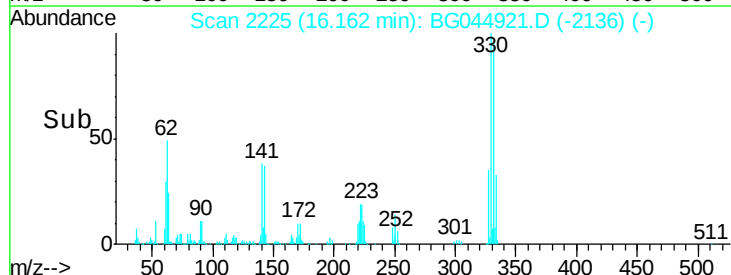
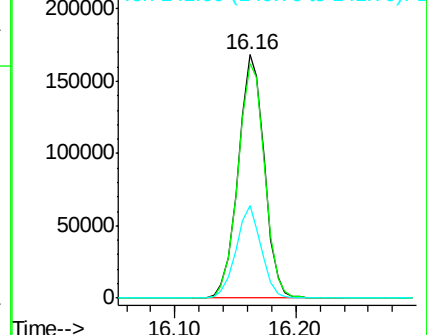
141 36.5 29.5 44.3



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: 42.65 ng

RT: 13.11 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

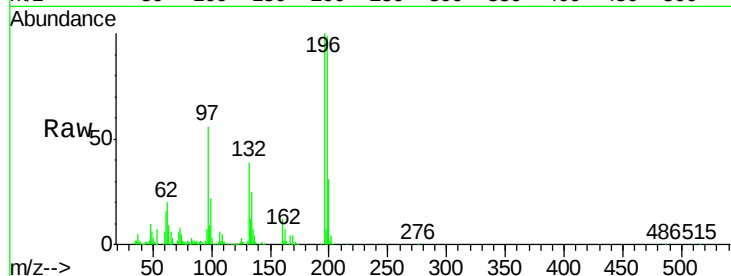
Tgt Ion:196 Resp: 206283

Ion Ratio Lower Upper

196 100

198 98.8 74.9 112.3

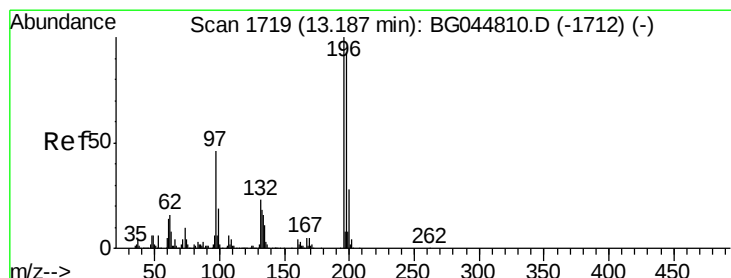
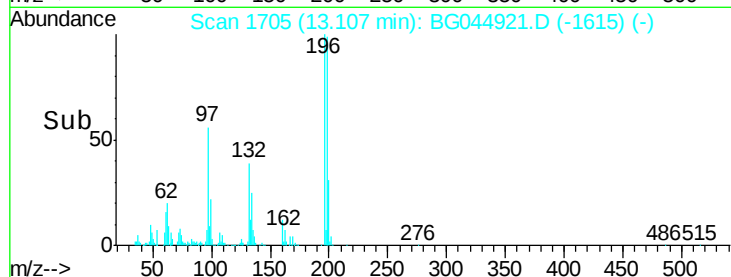
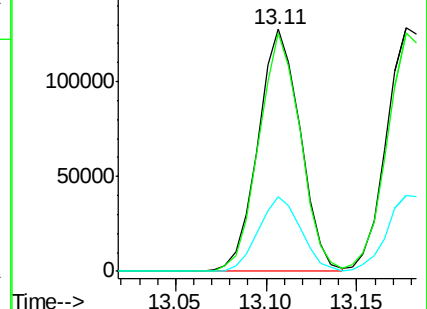
200 30.9 25.8 38.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.17 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Tgt Ion:196 Resp: 221547

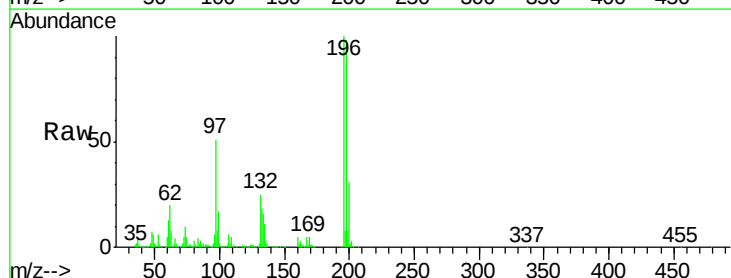
Ion Ratio Lower Upper

196 100

198 97.8 74.2 111.4

97 50.7 36.7 55.1

132 24.8 18.8 28.2

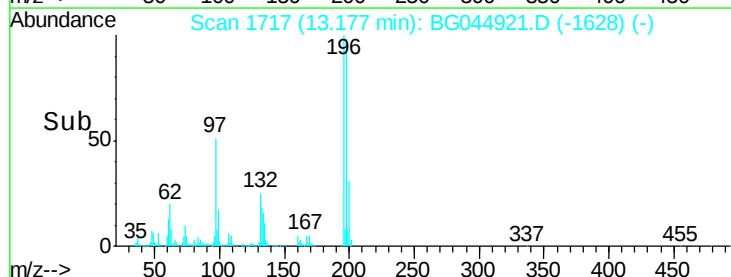
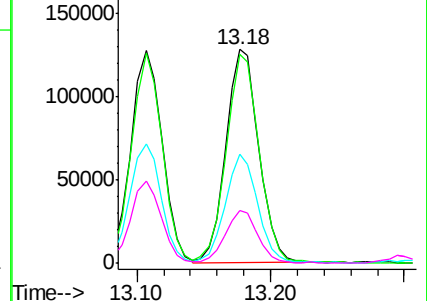


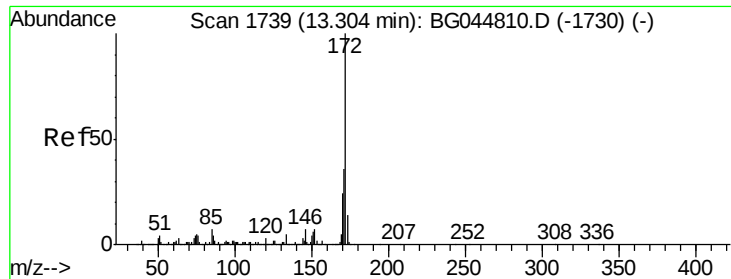
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

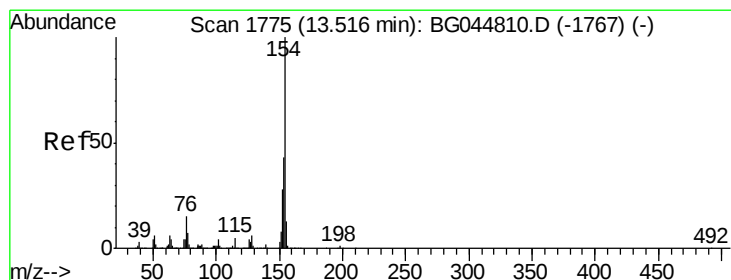
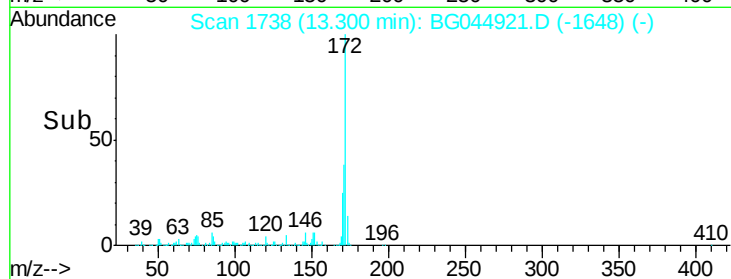
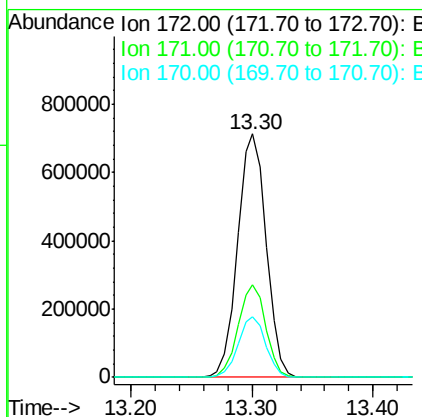
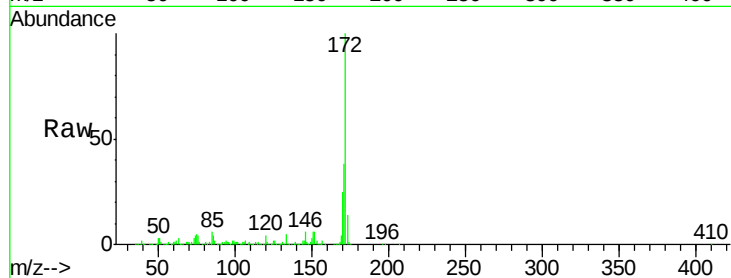




#45
 2-Fluorobiphenyl
 Concen: 75.73 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

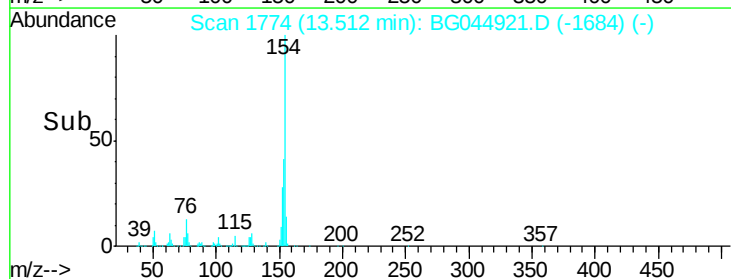
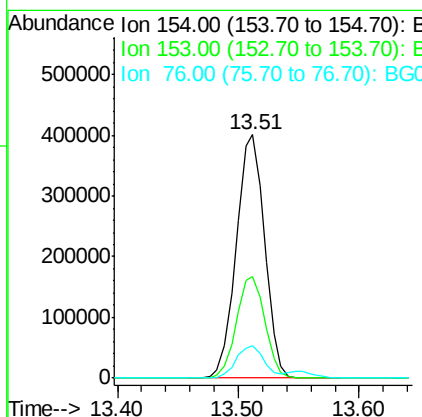
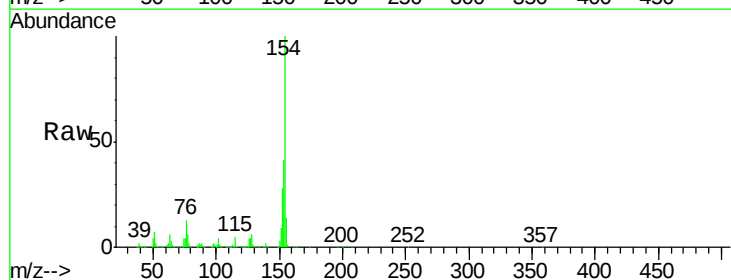
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

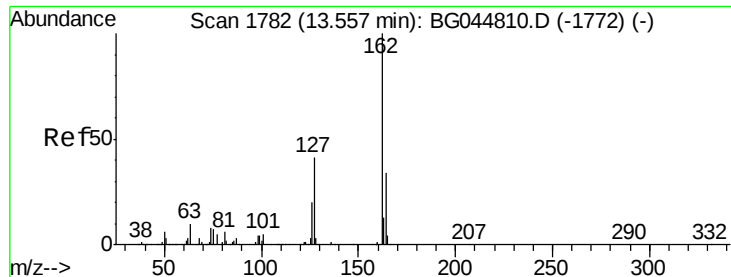
Tgt Ion:172 Resp: 1170301
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.7 43.1
 170 24.8 19.0 28.6



#46
 1,1'-Biphenyl
 Concen: 37.00 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:154 Resp: 654401
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.9 62.9
 76 13.3 0.0 34.6

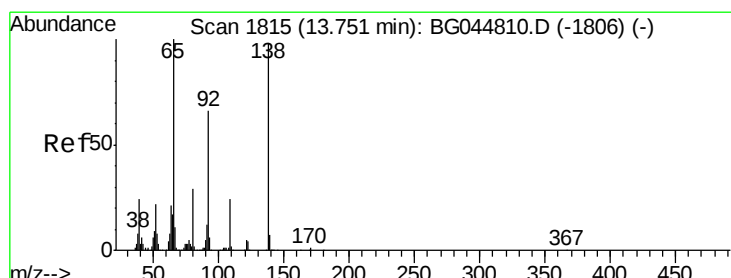
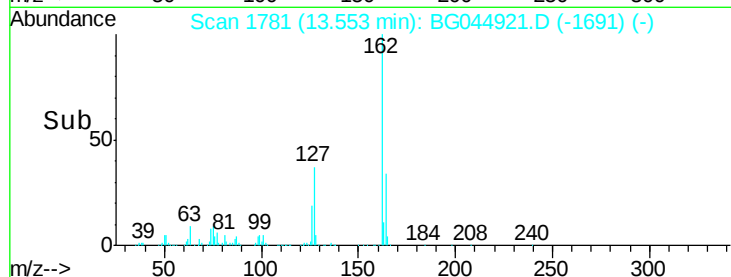
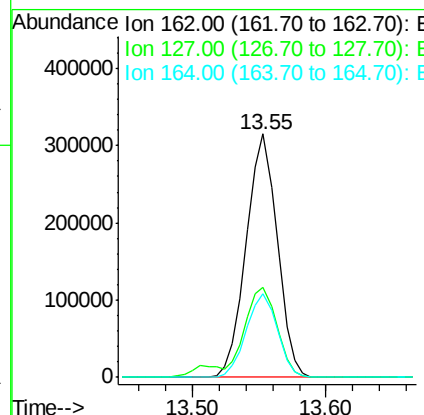
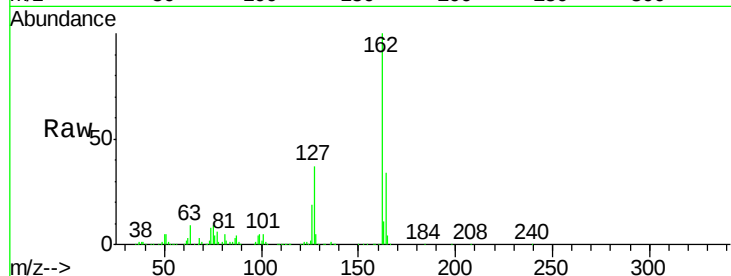




#47
 2-Chloronaphthalene
 Concen: 37.54 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

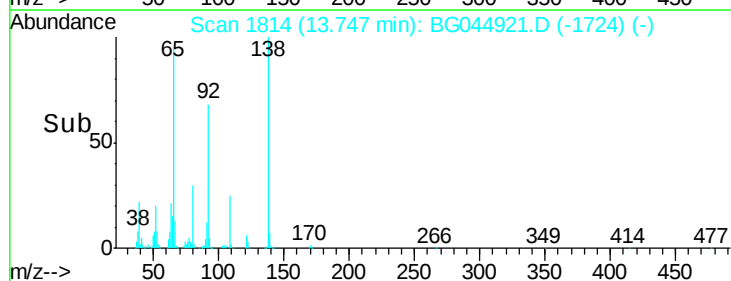
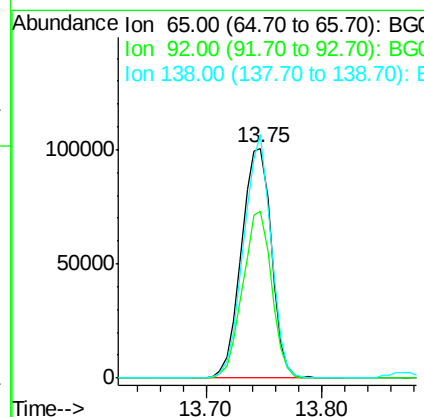
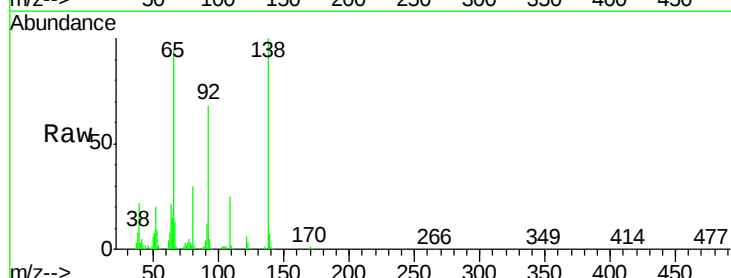
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

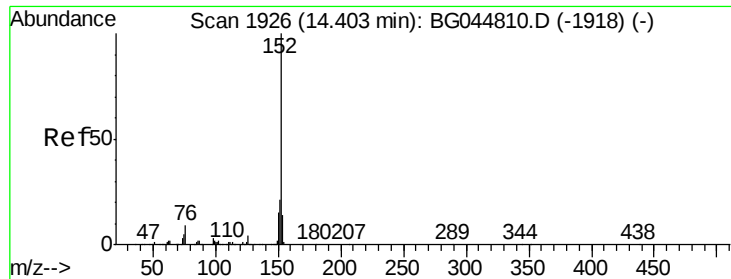
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.1	49.7
164	34.3	27.4	41.2



#48
 2-Nitroaniline
 Concen: 38.39 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	52.6	79.0
138	106.1	78.3	117.5





#49

Acenaphthylene

Concen: 39.41 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

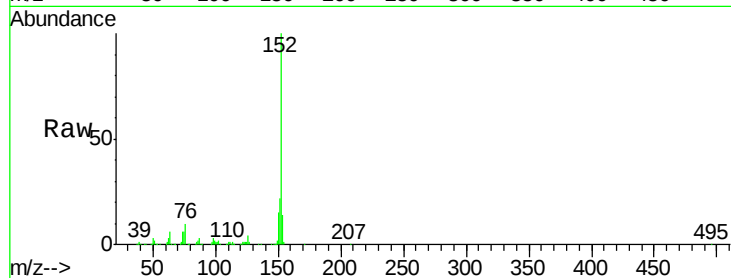
Tgt Ion:152 Resp: 834144

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

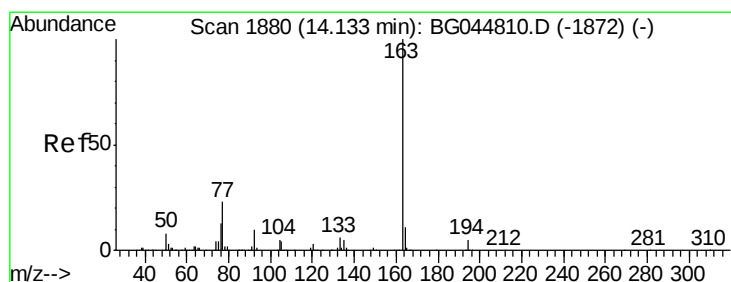
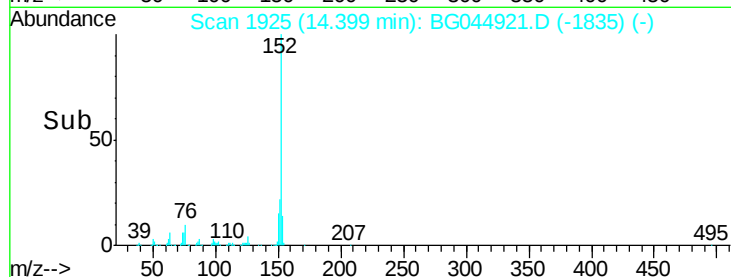
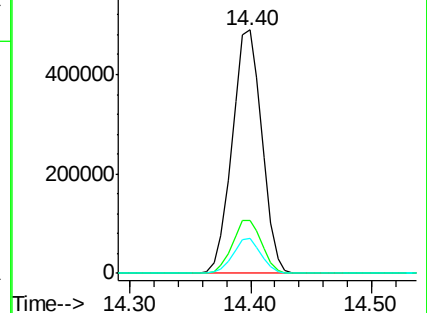
153 14.2 10.8 16.2



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: 38.61 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

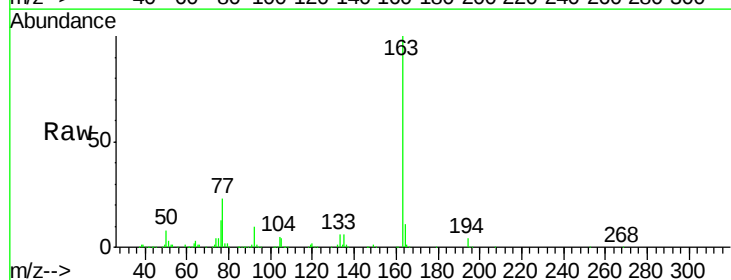
Tgt Ion:163 Resp: 680521

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

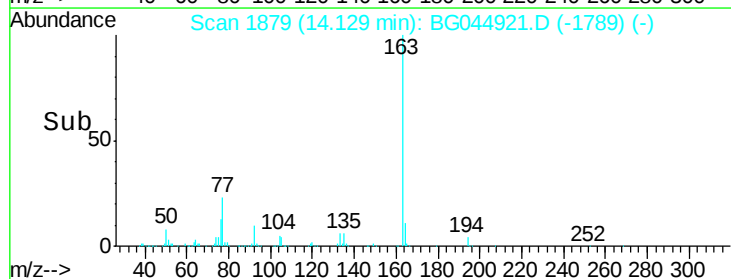
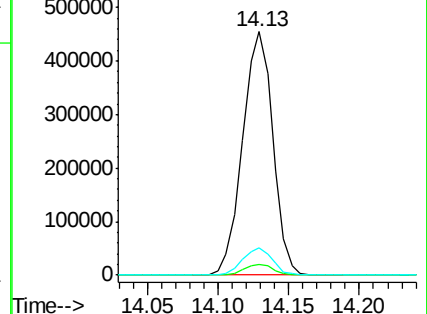
164 11.4 9.1 13.7

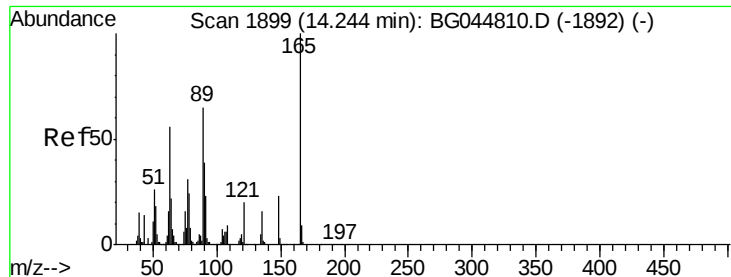


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

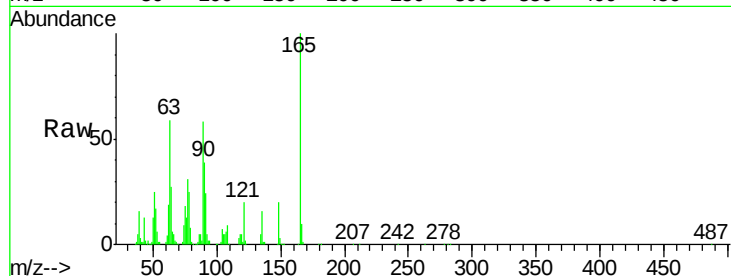




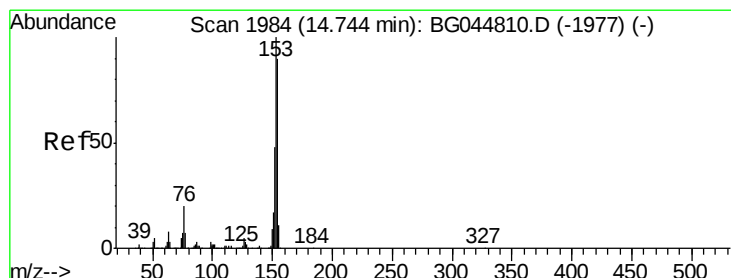
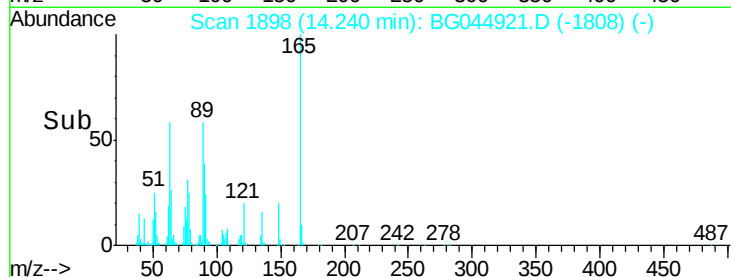
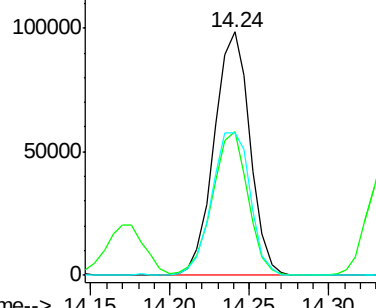
#51
 2,6-Dinitrotoluene
 Concen: 43.41 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tgt Ion:165 Resp: 154221
 Ion Ratio Lower Upper
 165 100
 63 59.3 45.8 68.8
 89 58.4 51.8 77.6

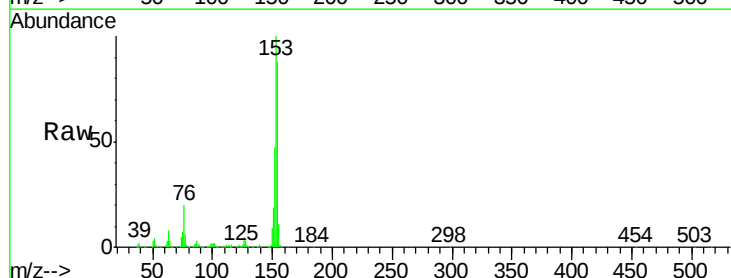


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

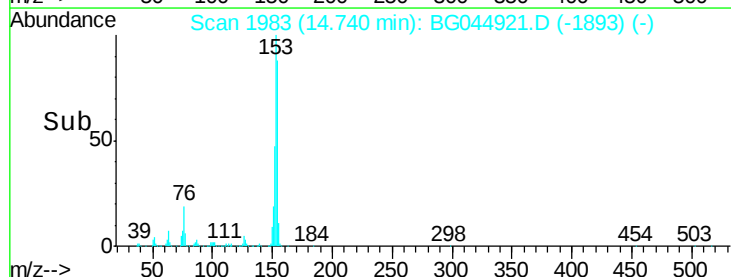
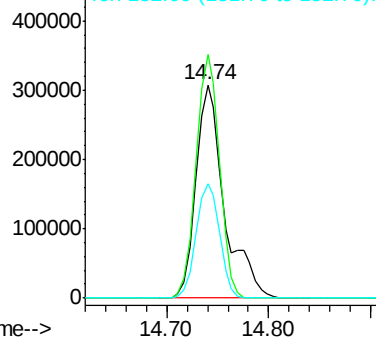


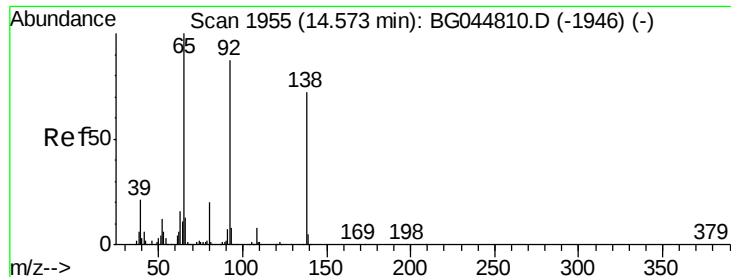
#52
 Acenaphthene
 Concen: 43.28 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:154 Resp: 599979
 Ion Ratio Lower Upper
 154 100
 153 114.1 89.0 133.6
 152 53.4 43.0 64.6



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

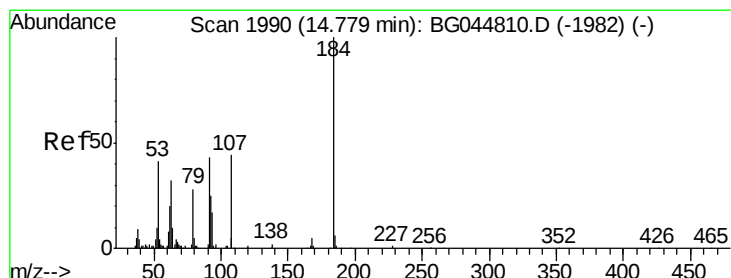
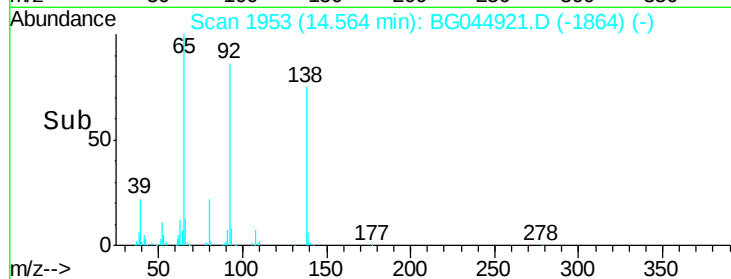
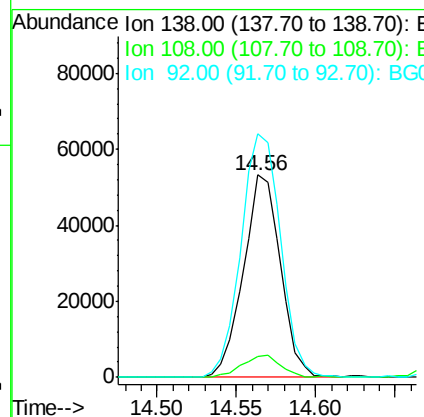
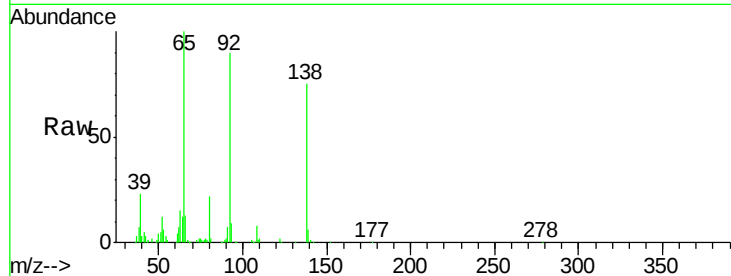




#53
 3-Nitroaniline
 Concen: 21.15 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

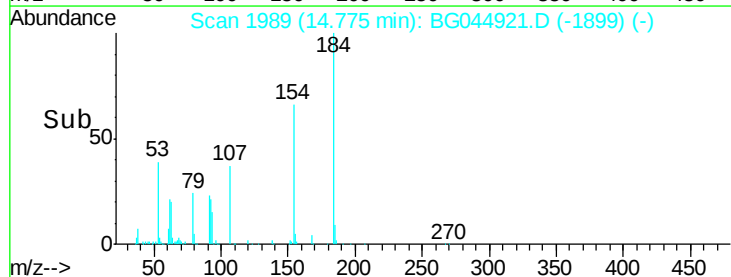
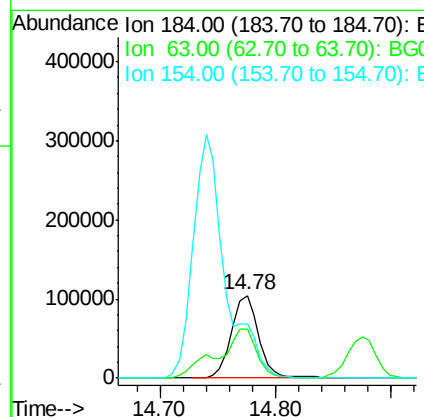
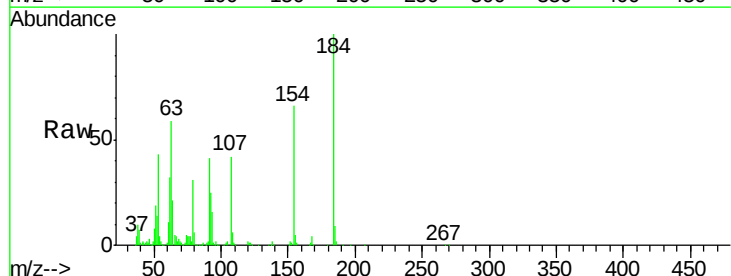
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

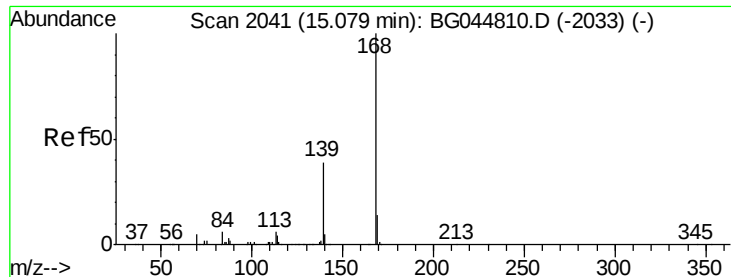
Tgt Ion:138 Resp: 86402
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.0 13.4
 92 120.3 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 90.86 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:184 Resp: 171023
 Ion Ratio Lower Upper
 184 100
 63 58.8 45.5 68.3
 154 65.7 49.1 73.7

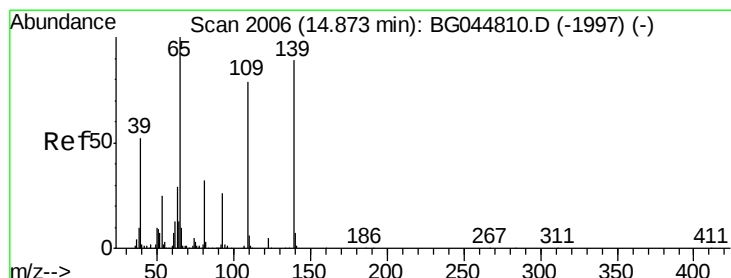
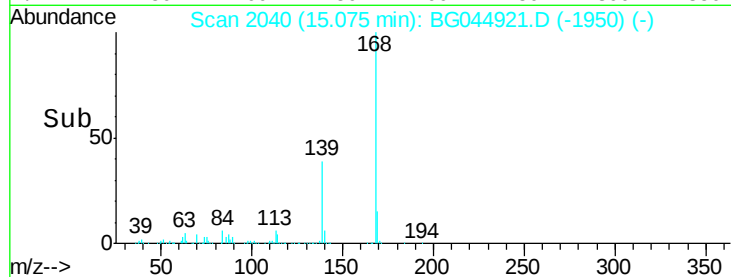
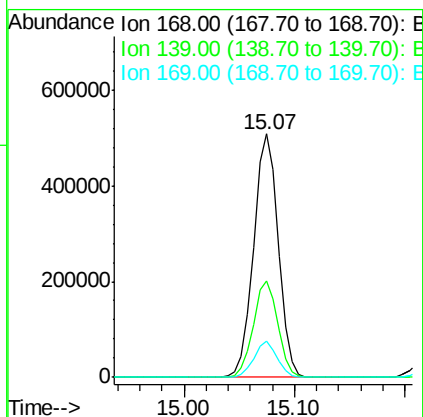
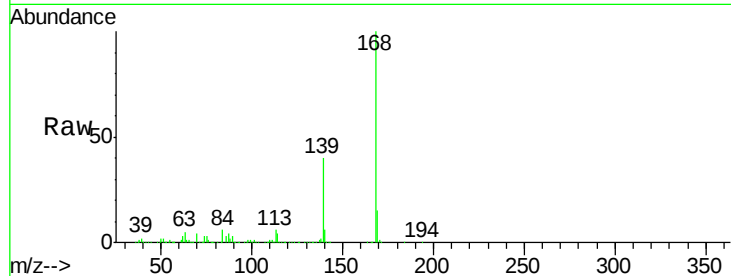




#55
Dibenzofuran
Concen: 39.46 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

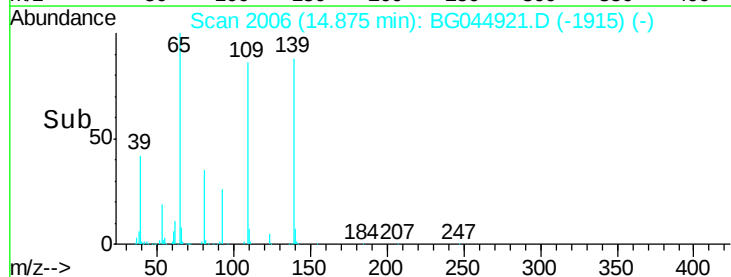
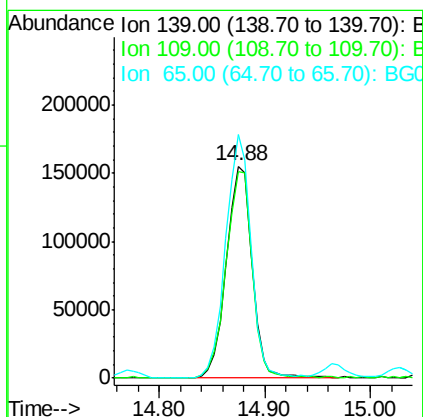
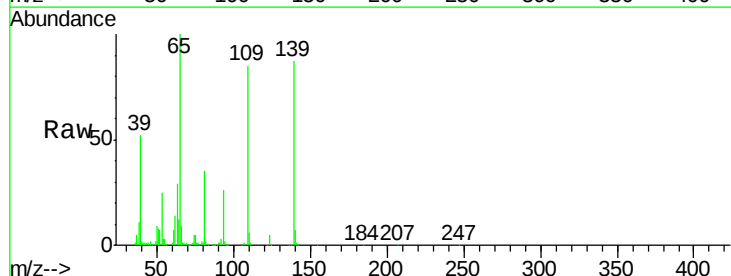
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

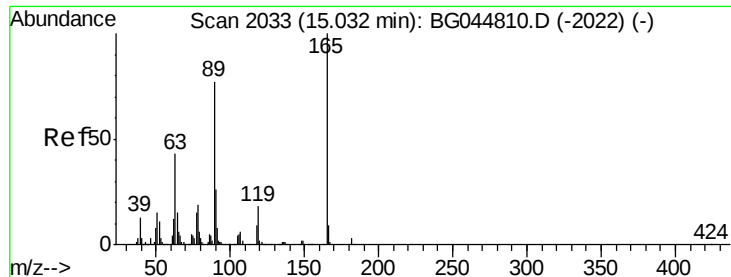
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.0
169	14.6	11.1	16.7



#56
4-Nitrophenol
Concen: 84.06 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	68.8	108.8
65	115.0	92.5	132.5

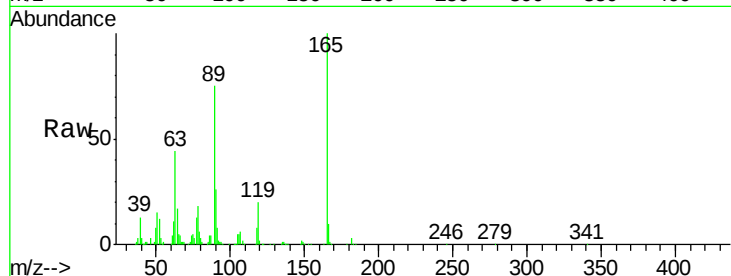




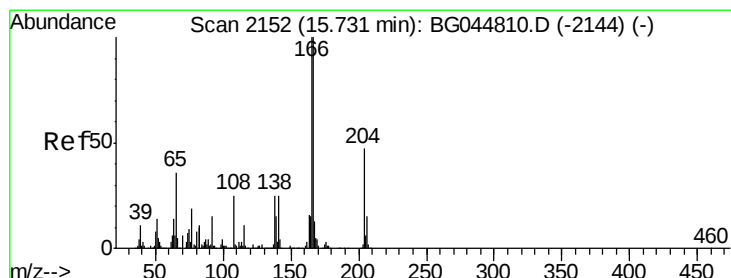
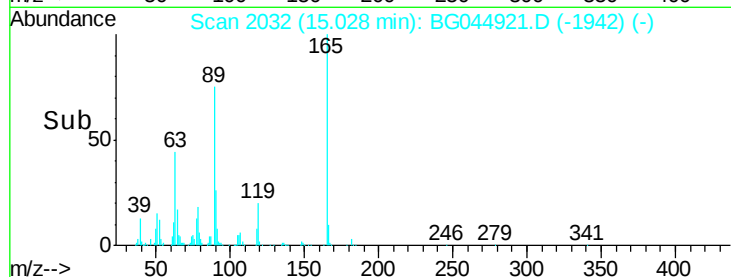
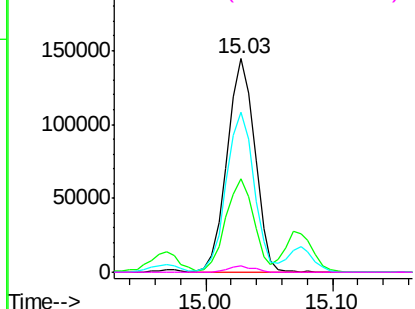
#57
2,4-Dinitrotoluene
Concen: 44.88 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB127705BSD

Tgt Ion:165 Resp: 218710
Ion Ratio Lower Upper
165 100
63 43.8 34.6 52.0
89 74.7 61.3 91.9
182 2.8 2.2 3.2

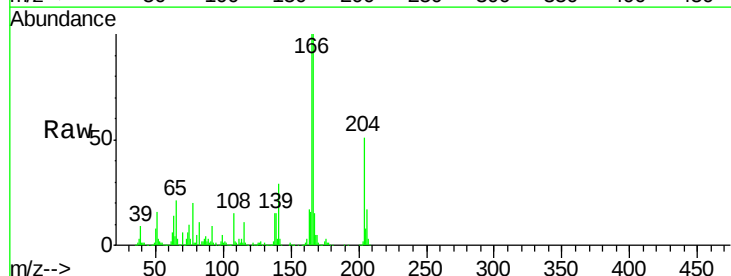


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

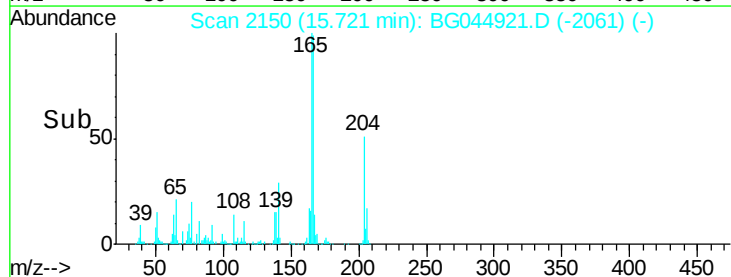
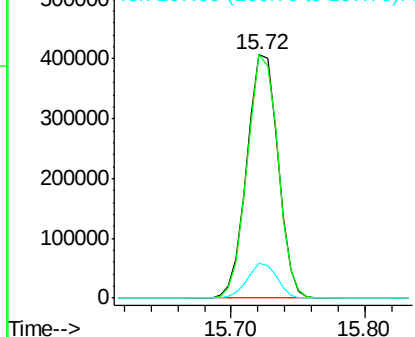


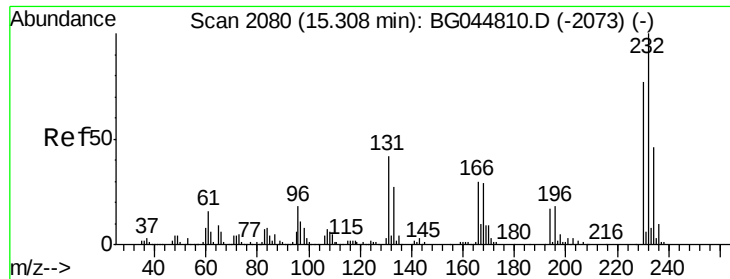
#58
Fluorene
Concen: 39.56 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:166 Resp: 654157
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 14.5 10.6 16.0



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

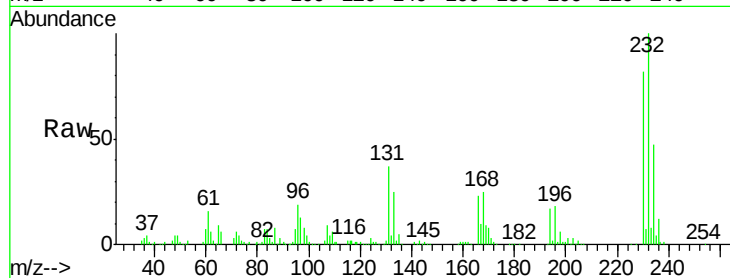




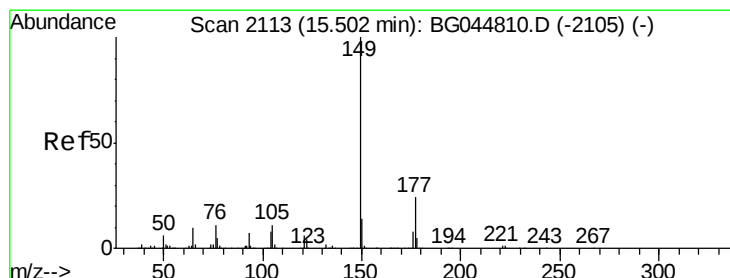
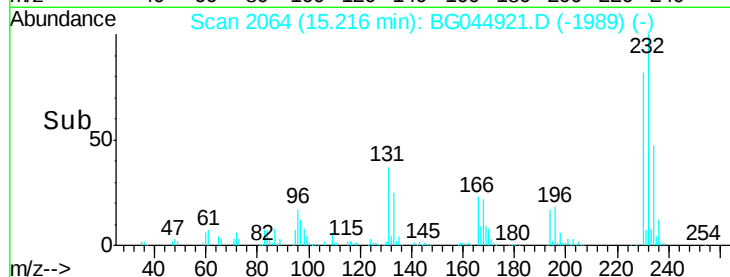
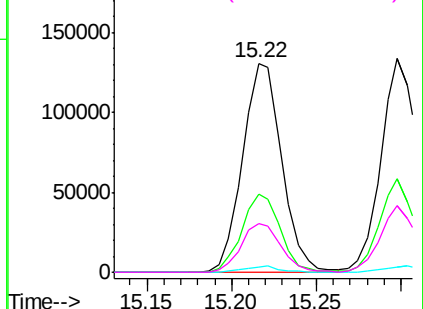
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.62 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.09 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

Tgt Ion: 232 Resp: 210664
 Ion Ratio Lower Upper
 232 100
 131 36.8 31.8 47.8
 130 2.6 2.2 3.2
 166 23.8 20.2 30.2

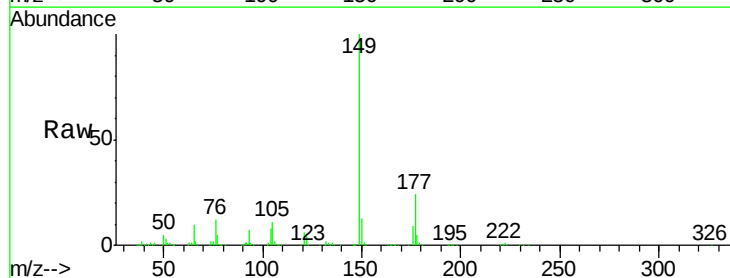


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

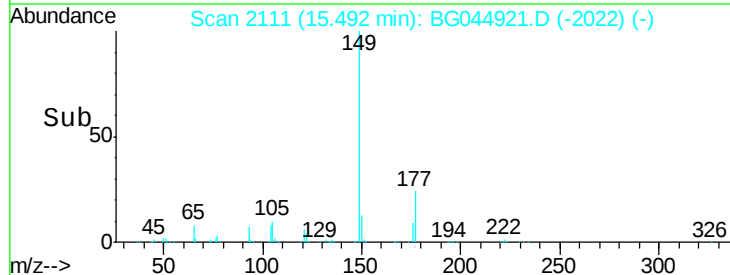
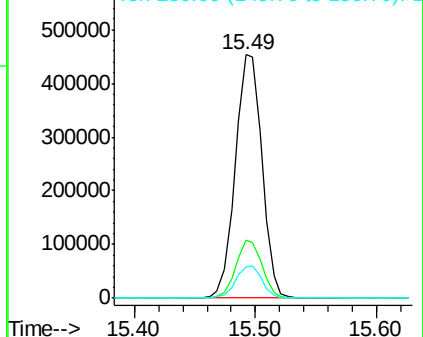


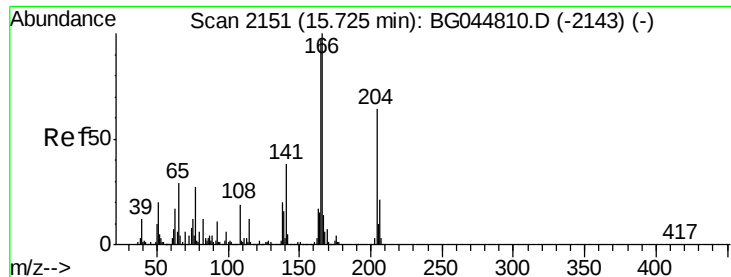
#60
 Diethylphthalate
 Concen: 37.85 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion: 149 Resp: 695849
 Ion Ratio Lower Upper
 149 100
 177 24.0 19.3 28.9
 150 12.7 11.0 16.6



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

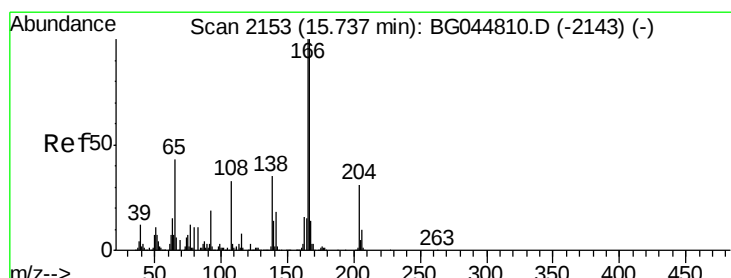
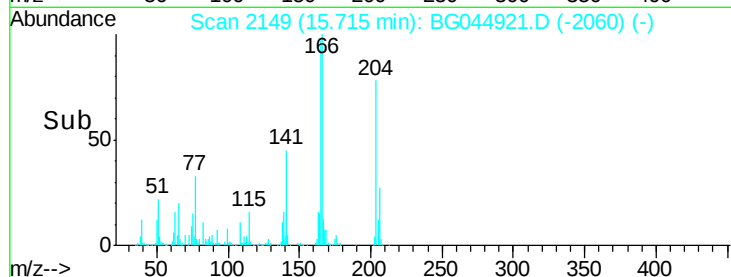
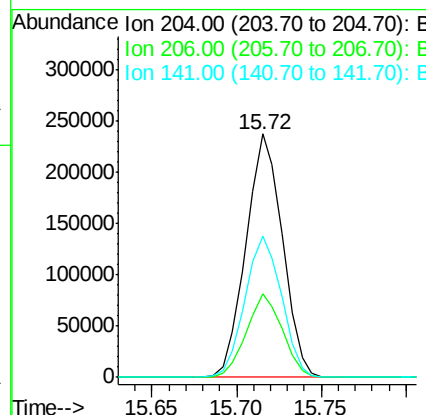
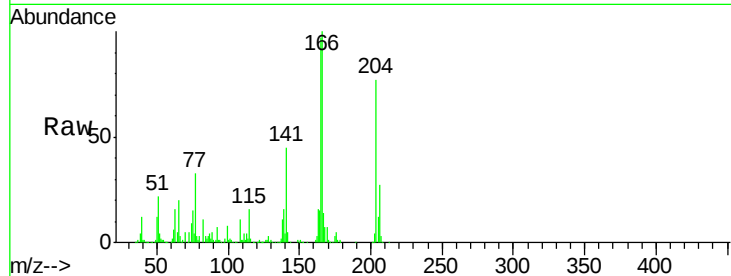




#61
 4-Chlorophenyl-phenylether
 Concen: 40.18 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

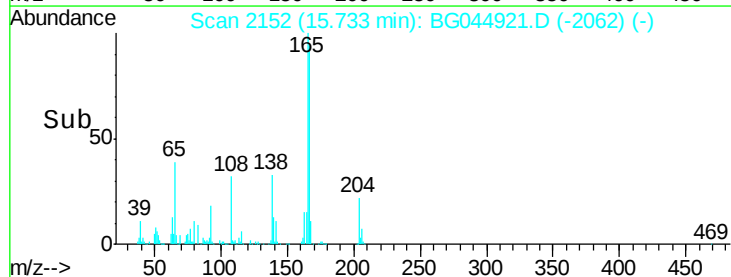
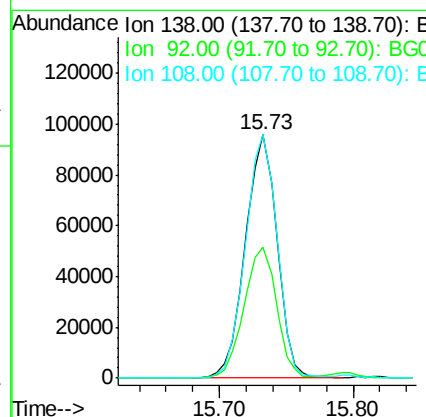
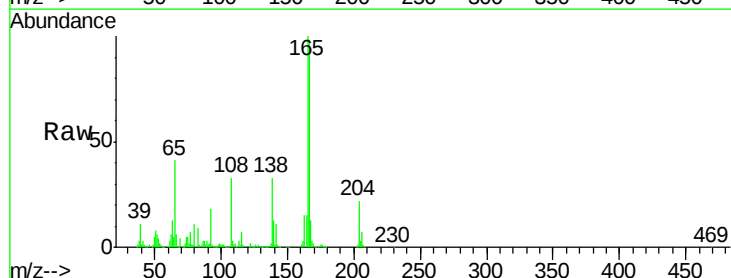
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

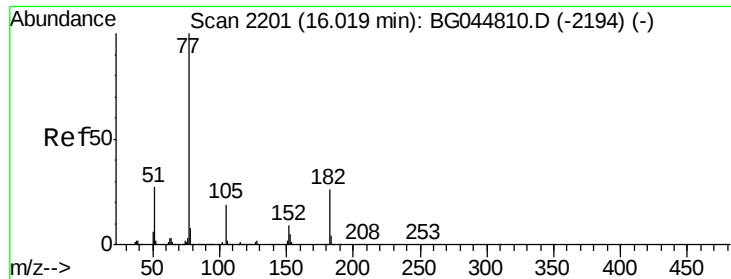
Tgt Ion:204 Resp: 357726
 Ion Ratio Lower Upper
 204 100
 206 34.6 26.2 39.2
 141 58.2 47.7 71.5



#62
 4-Nitroaniline
 Concen: 36.14 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion:138 Resp: 157403
 Ion Ratio Lower Upper
 138 100
 92 53.9 34.5 74.5
 108 100.1 74.5 114.5





#63

Azobenzene

Concen: 36.18 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

Tgt Ion: 77 Resp: 690654

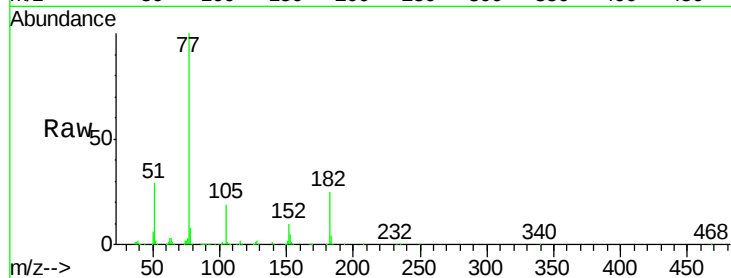
Ion Ratio Lower Upper

77 100

182 25.2 6.4 46.4

105 18.8 0.0 39.1

51 29.1 7.3 47.3

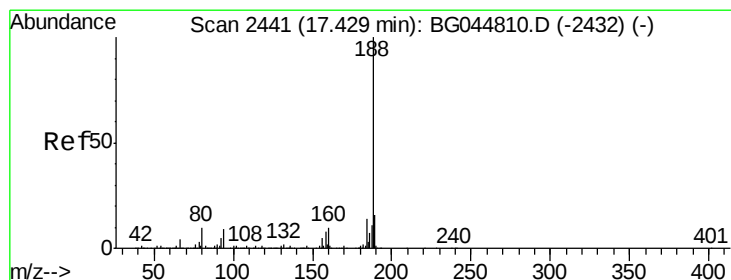
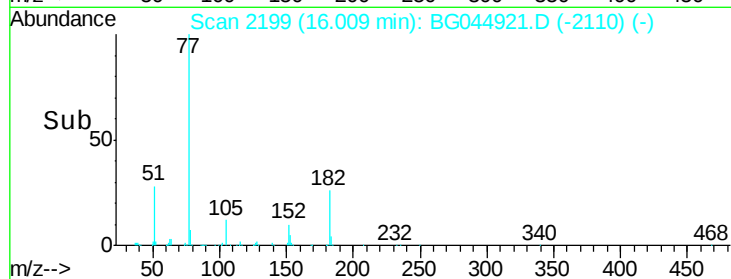
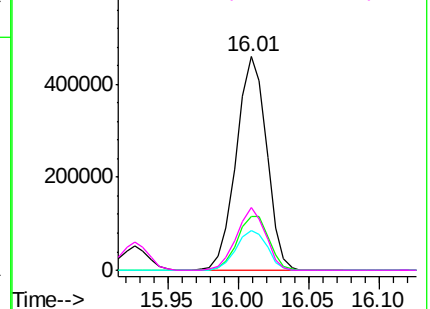


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

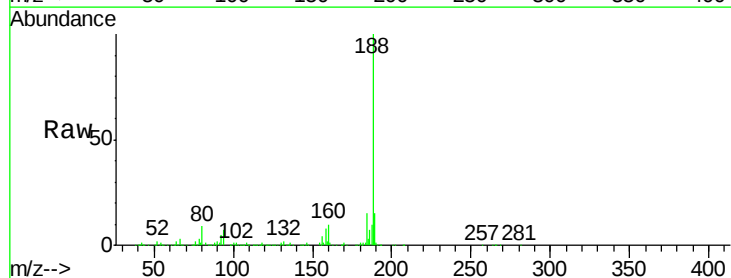
Tgt Ion: 188 Resp: 522239

Ion Ratio Lower Upper

188 100

94 7.2 7.3 10.9#

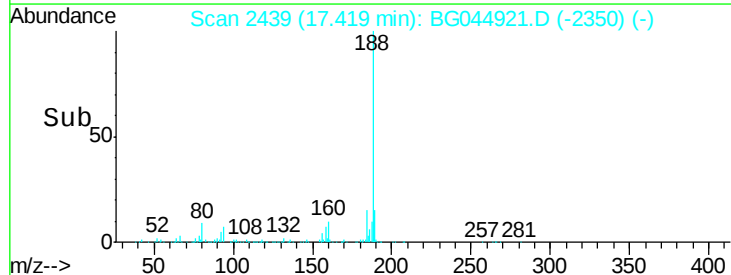
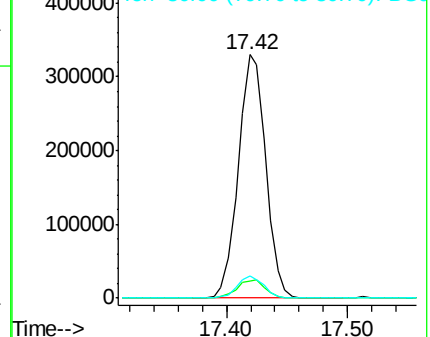
80 9.3 8.0 12.0

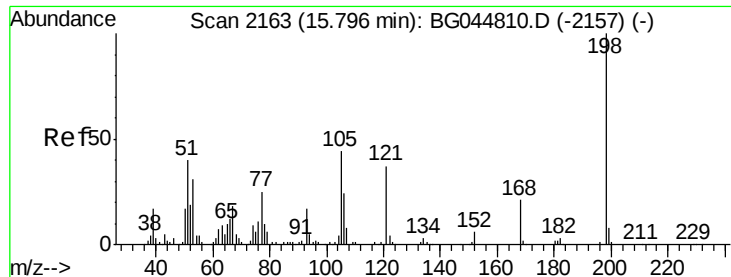


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

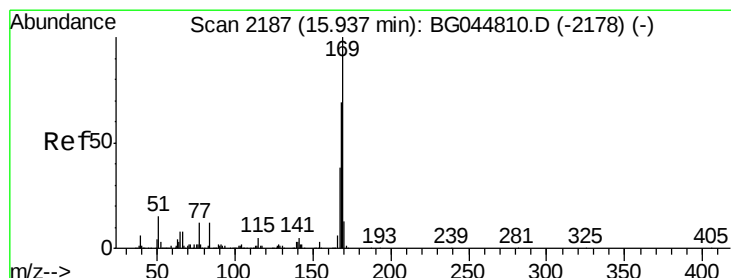
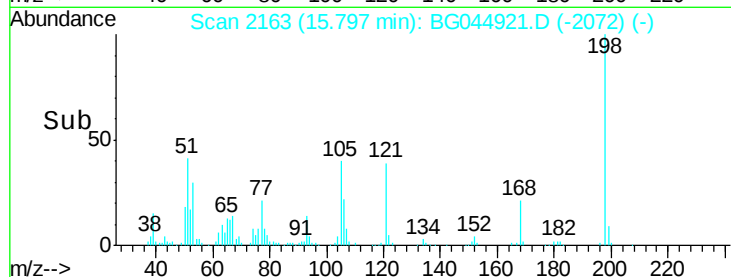
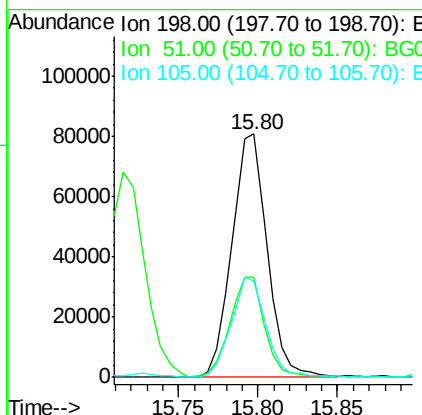
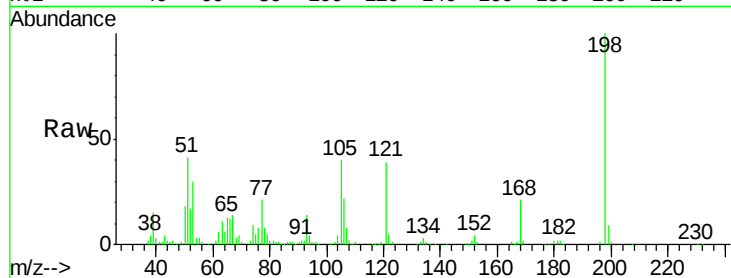




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.19 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

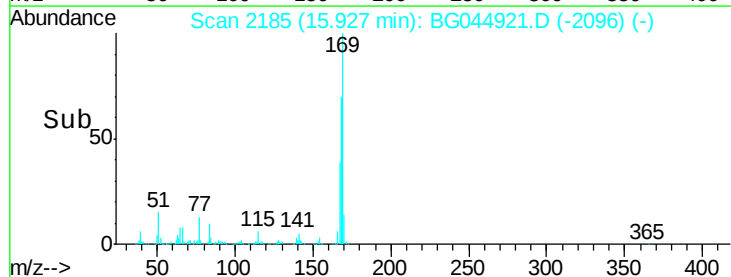
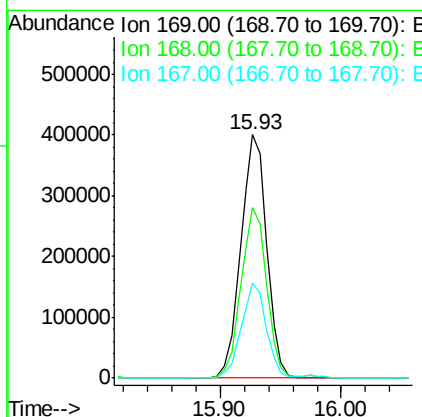
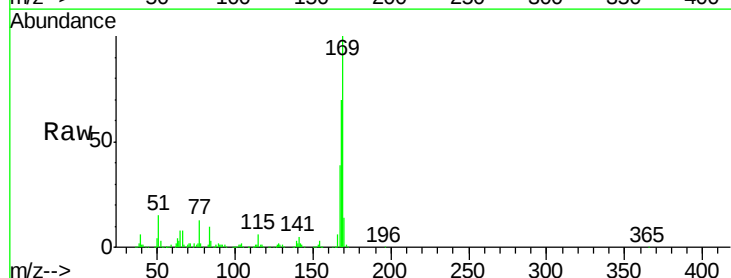
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BSD

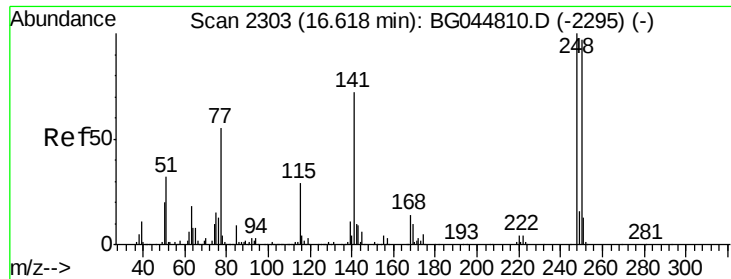
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.1	61.1
105	39.8	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.97 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044921.D
 Acq: 20 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.4	83.2
167	39.0	30.1	45.1

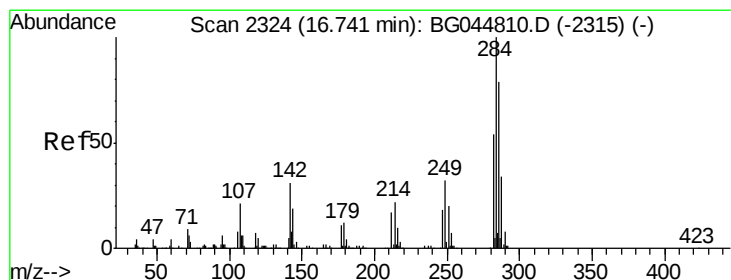
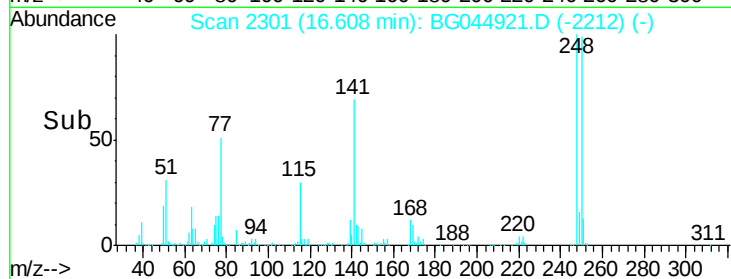
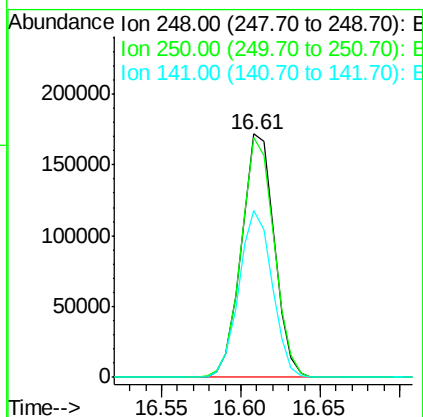
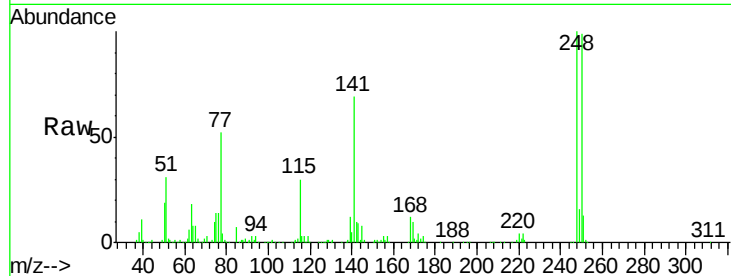




#67
4-Bromophenyl-phenylether
Concen: 37.94 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

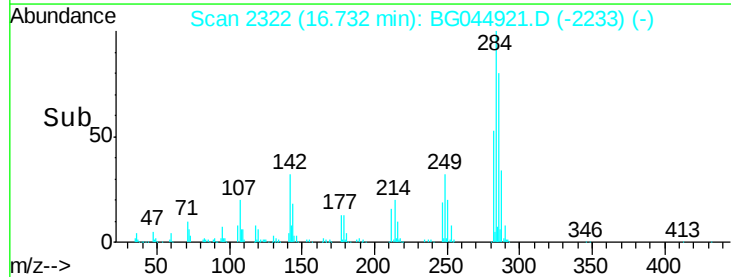
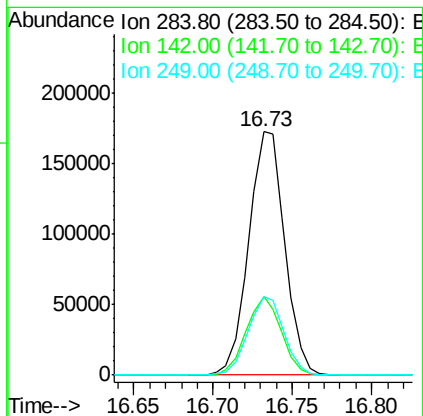
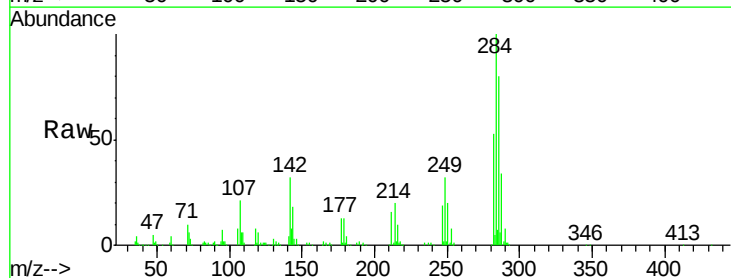
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

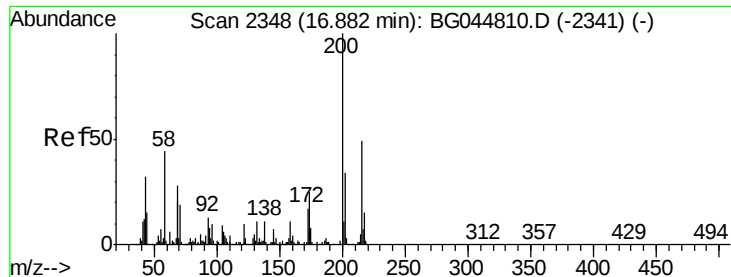
Tgt Ion:248 Resp: 247723
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 68.6 57.5 86.3



#68
Hexachlorobenzene
Concen: 38.19 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:284 Resp: 270499
Ion Ratio Lower Upper
284 100
142 32.3 25.0 37.6
249 32.1 25.8 38.8





#69

Atrazine

Concen: 41.41 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

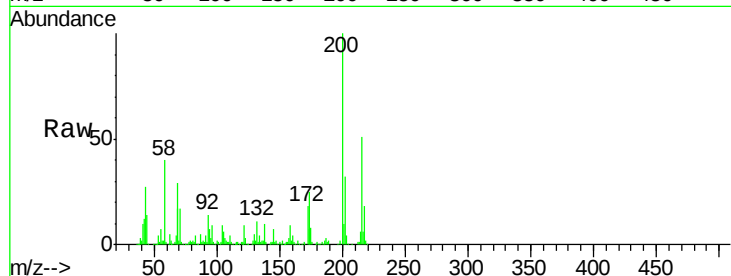
Tgt Ion:200 Resp: 238556

Ion Ratio Lower Upper

200 100

173 25.1 5.3 45.3

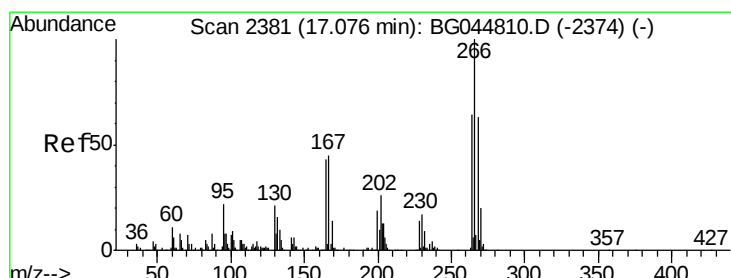
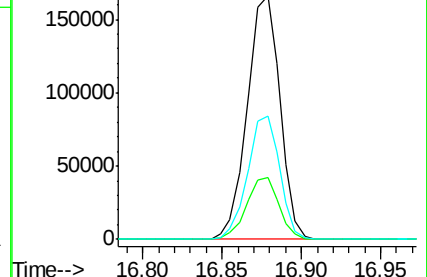
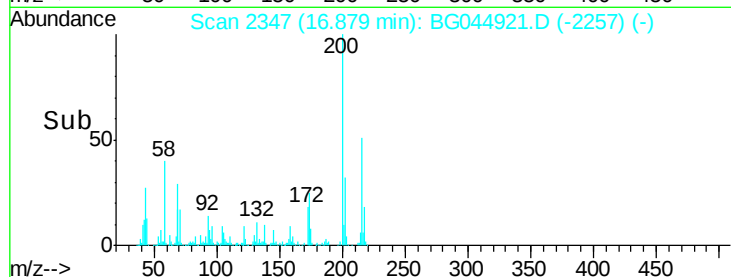
215 50.8 28.9 68.9



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: 84.76 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

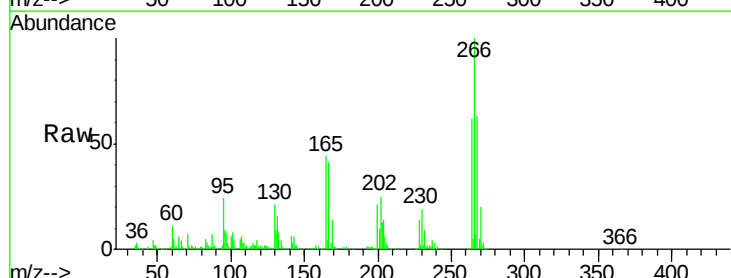
Tgt Ion:266 Resp: 330305

Ion Ratio Lower Upper

266 100

268 63.0 50.3 75.5

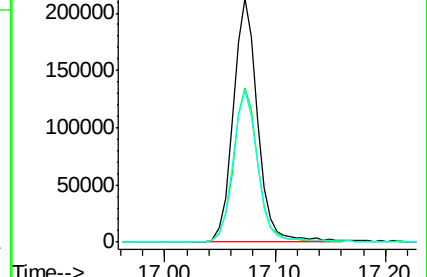
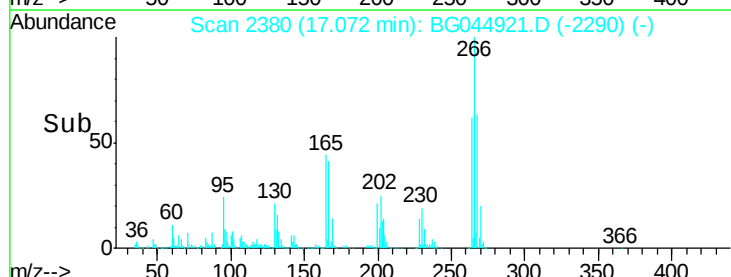
264 62.3 51.4 77.2

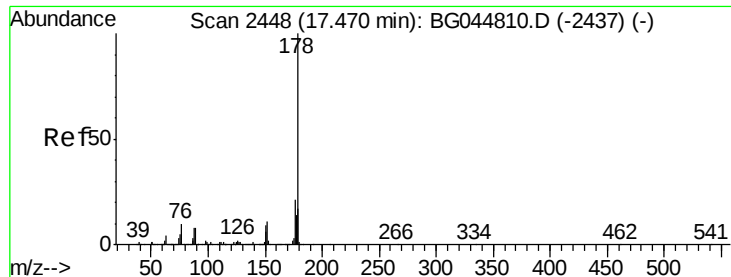


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

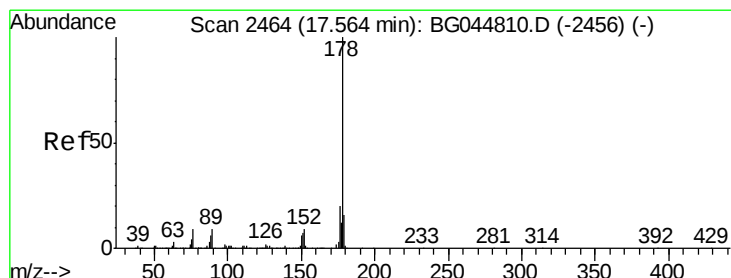
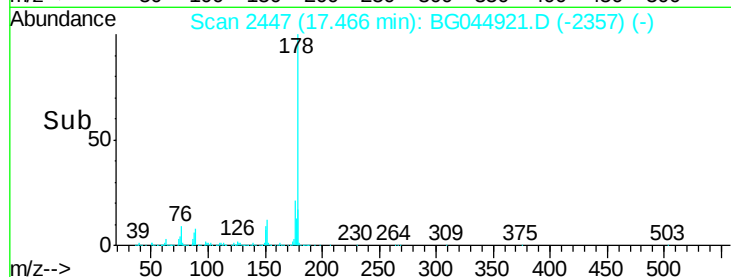
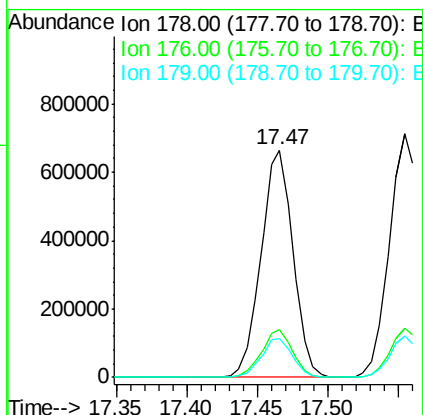
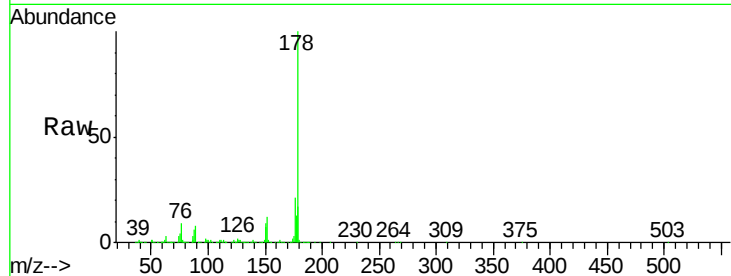




#71
Phenanthrene
Concen: 37.82 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

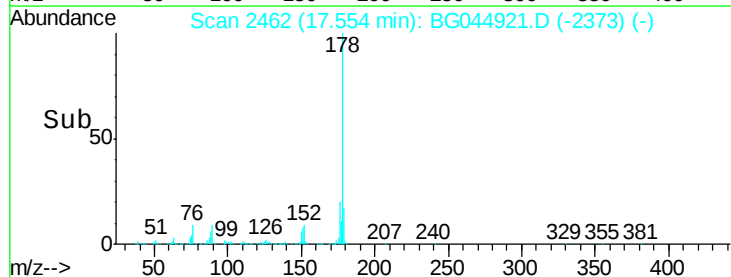
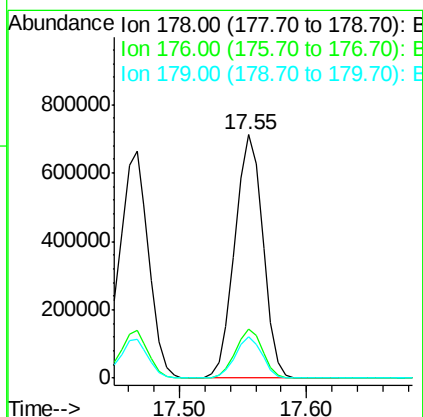
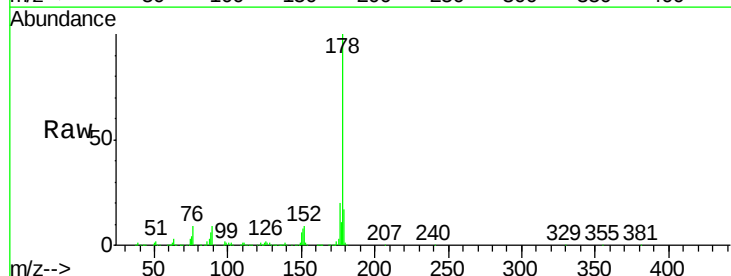
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

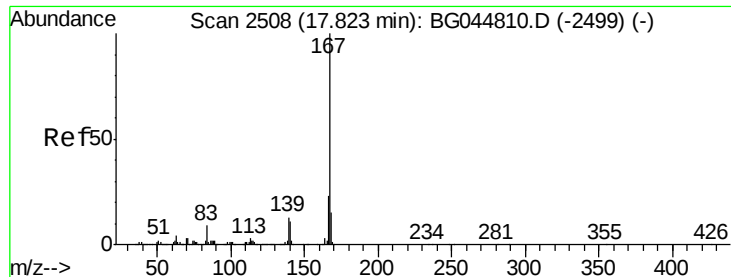
Tgt Ion:178 Resp: 1055557
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.1 13.5 20.3



#72
Anthracene
Concen: 39.59 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:178 Resp: 1089572
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.9 13.2 19.8





#73

Carbazole

Concen: 38.34 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

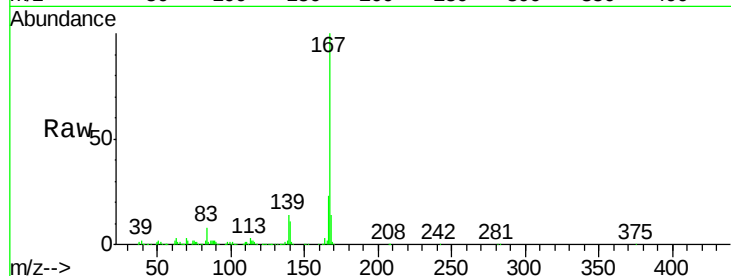
Tgt Ion:167 Resp: 1013552

Ion Ratio Lower Upper

167 100

166 23.2 18.8 28.2

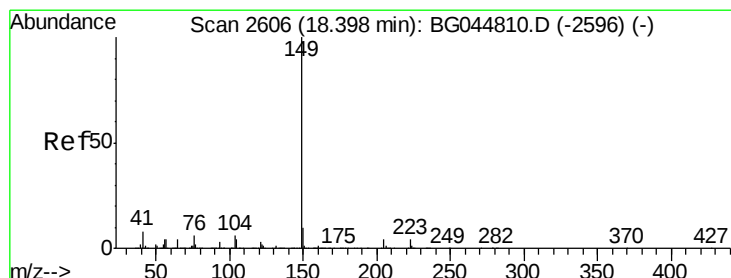
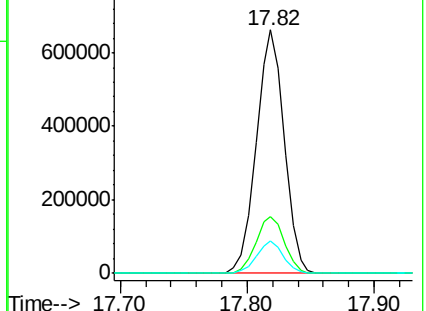
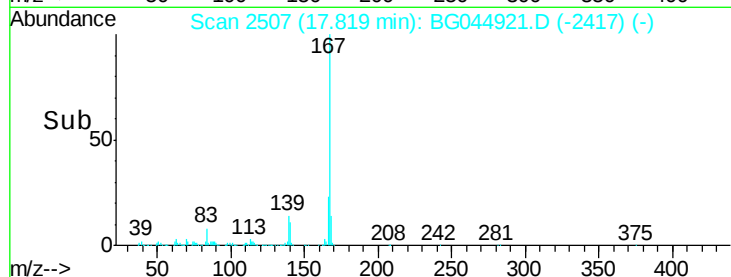
139 13.6 10.8 16.2



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: 37.16 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

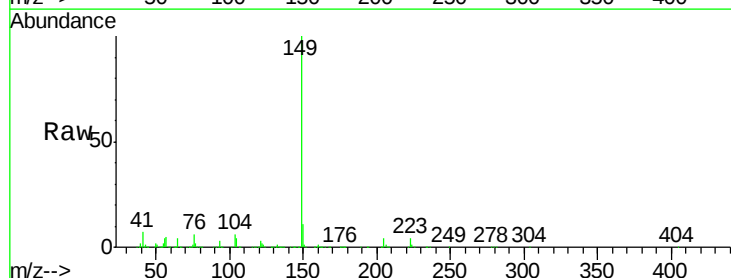
Tgt Ion:149 Resp: 1194013

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

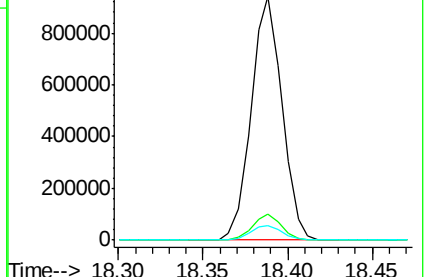
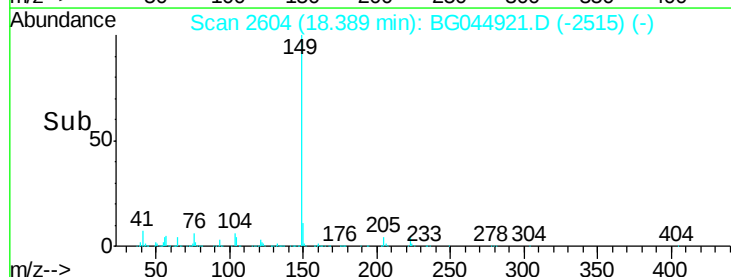
104 6.0 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.94 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

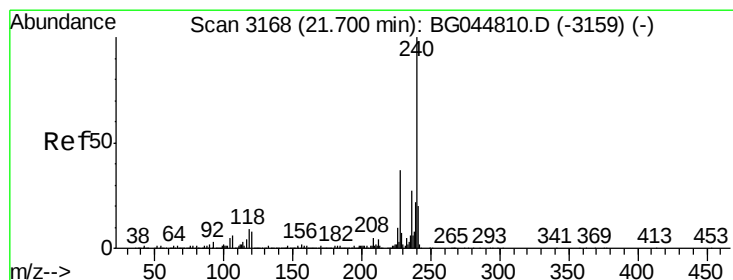
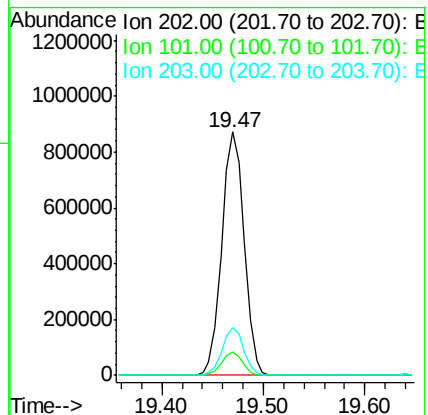
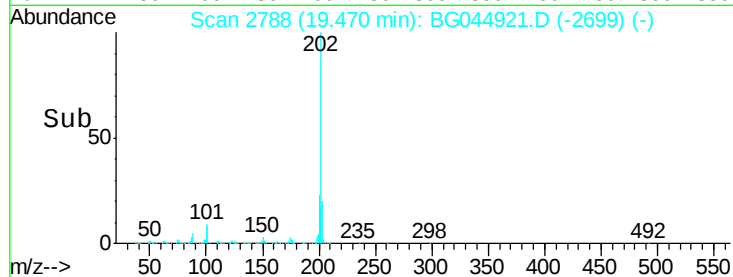
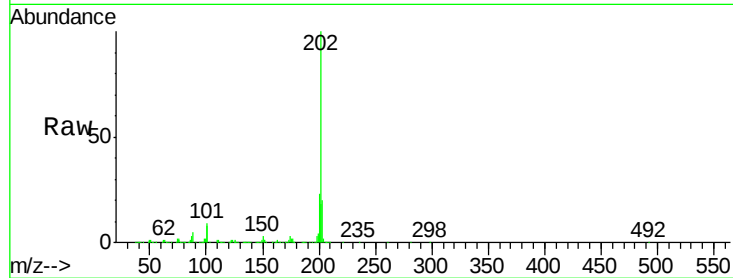
Tgt Ion:202 Resp: 1327005

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.8

203 19.6 0.0 39.4



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

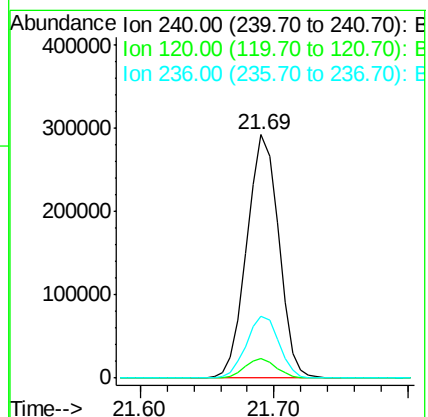
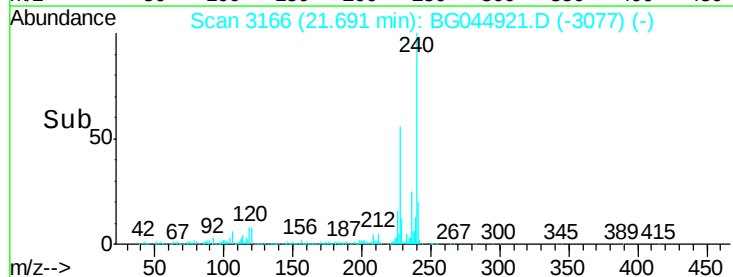
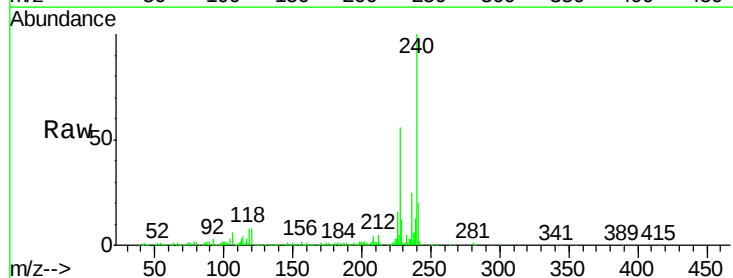
Tgt Ion:240 Resp: 483265

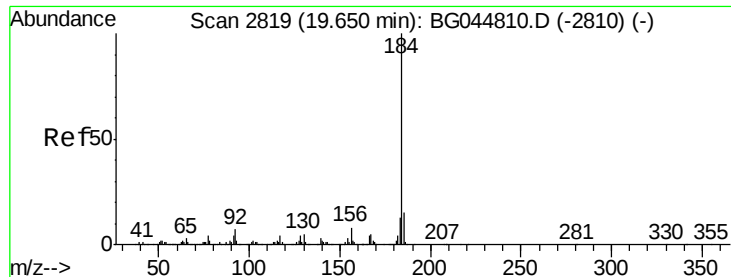
Ion Ratio Lower Upper

240 100

120 7.9 6.7 10.1

236 25.2 21.5 32.3





#77

Benzidine

Concen: 34.12 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

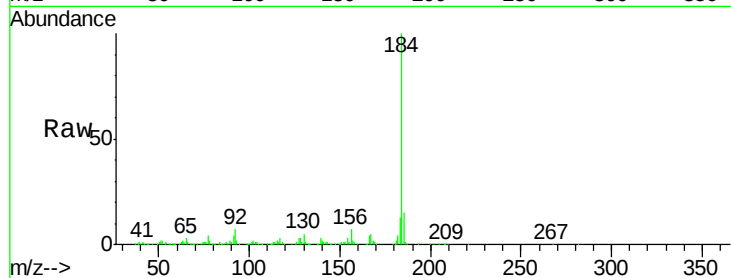
Tgt Ion:184 Resp: 535274

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

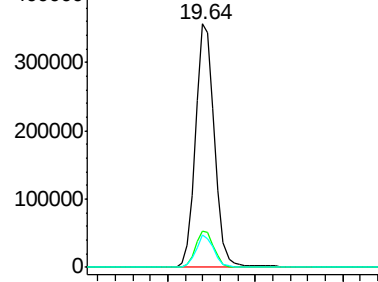
183 13.1 10.7 16.1



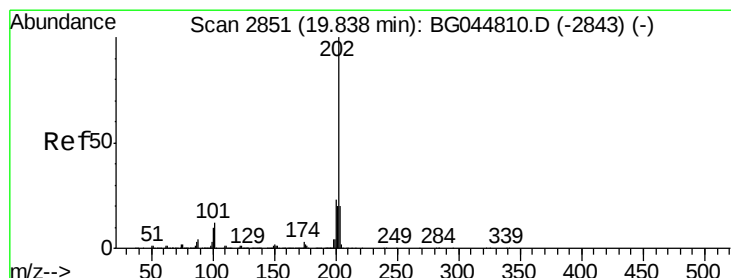
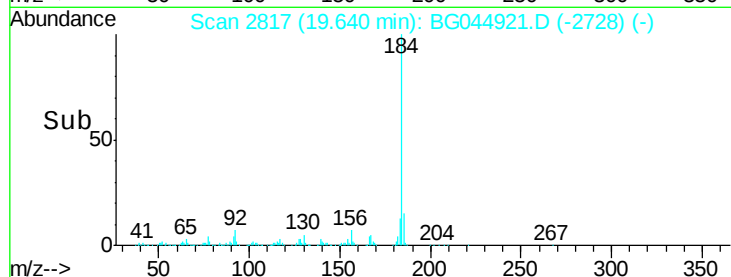
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 37.12 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

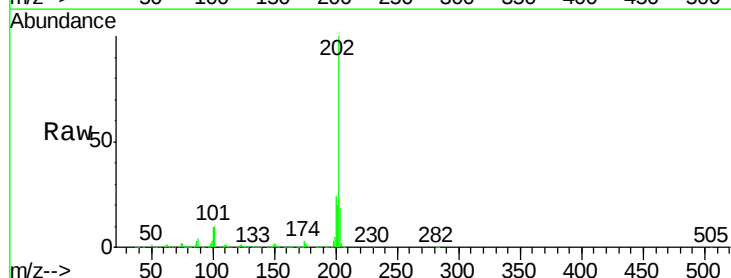
Tgt Ion:202 Resp: 1316004

Ion Ratio Lower Upper

202 100

200 23.6 18.3 27.5

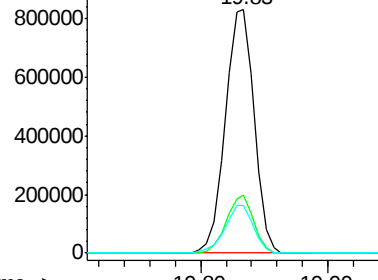
203 19.4 15.6 23.4



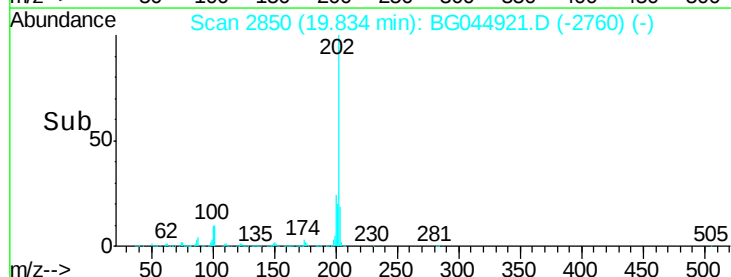
Abundance Ion 202.00 (201.70 to 202.70): E

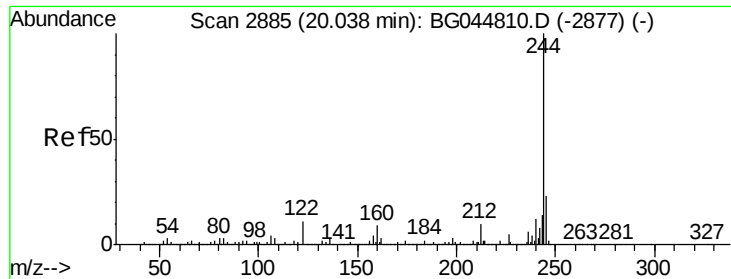
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 74.52 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

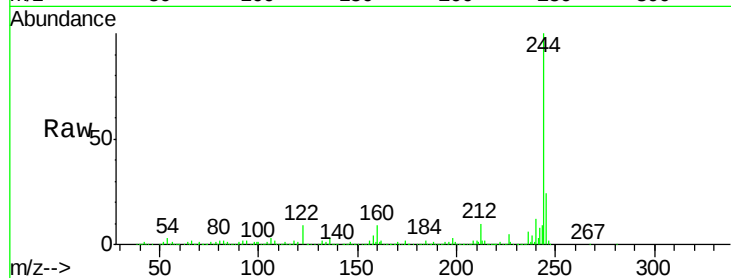
Tgt Ion:244 Resp: 1925137

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

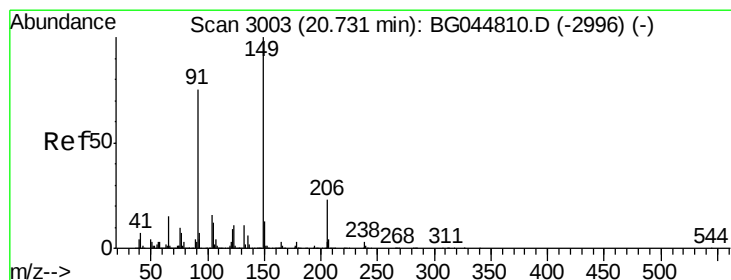
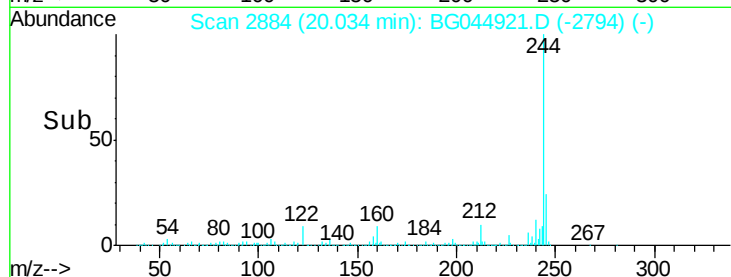
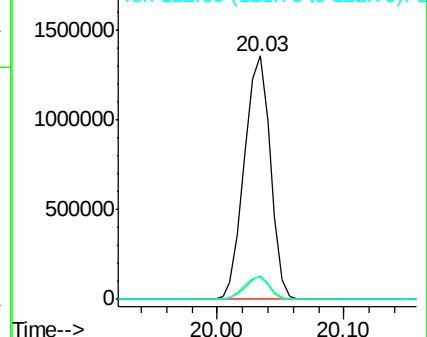
122 9.3 8.6 12.8



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: 35.40 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

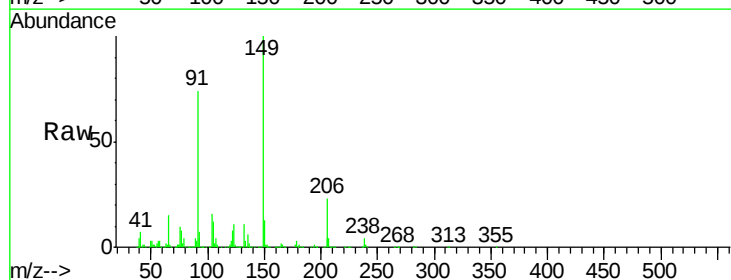
Tgt Ion:149 Resp: 558454

Ion Ratio Lower Upper

149 100

91 74.2 60.2 90.4

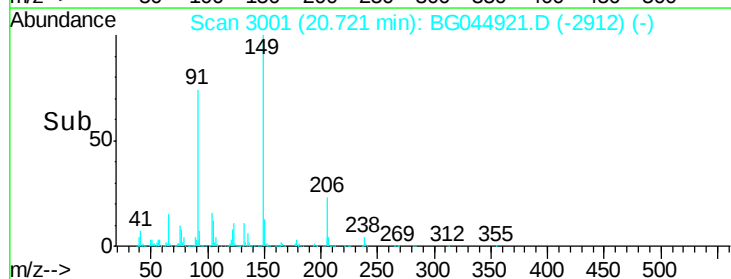
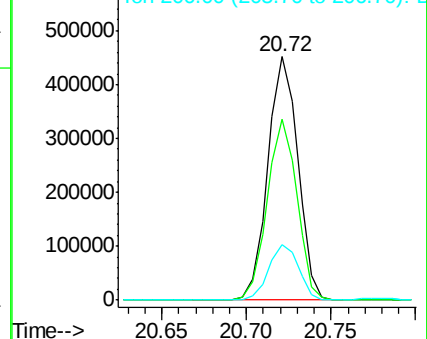
206 23.0 18.6 27.8

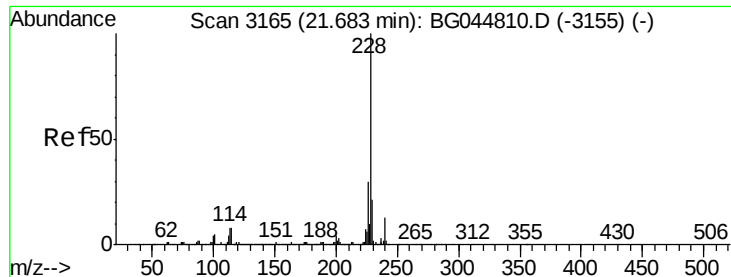


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.98 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

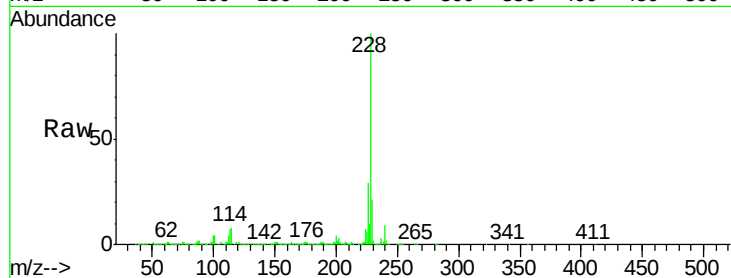
Tgt Ion:228 Resp: 1287026

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

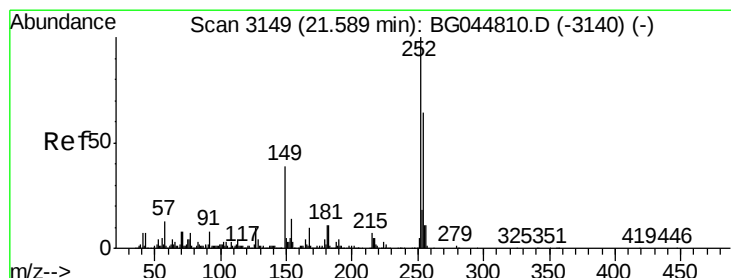
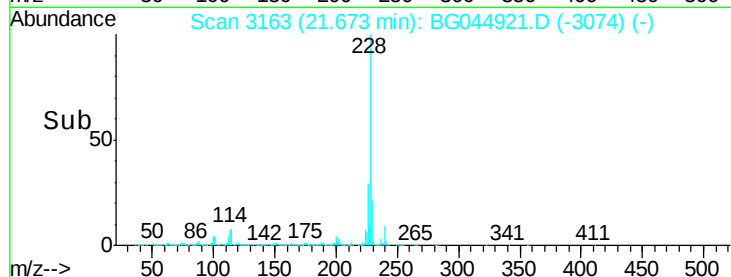
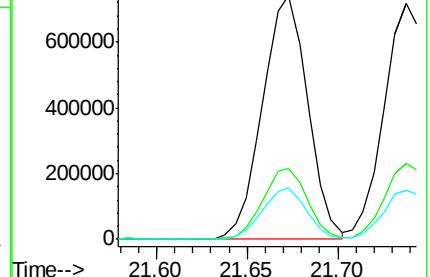
229 21.0 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.12 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

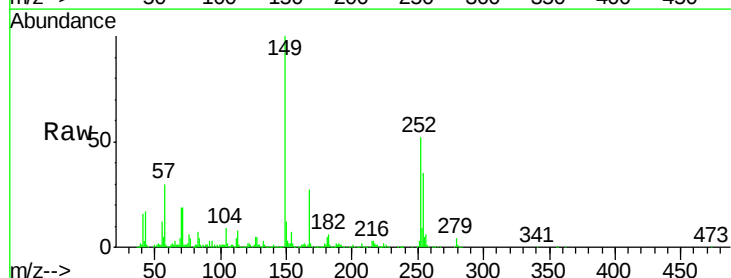
Tgt Ion:252 Resp: 297851

Ion Ratio Lower Upper

252 100

254 66.8 51.6 77.4

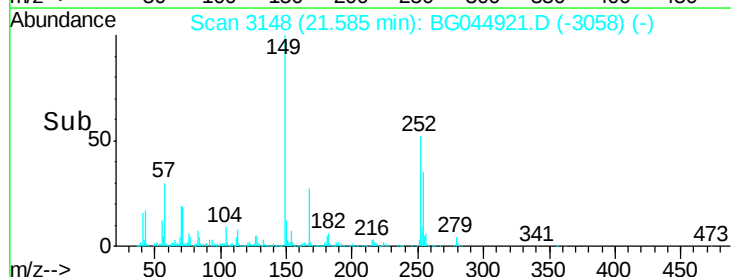
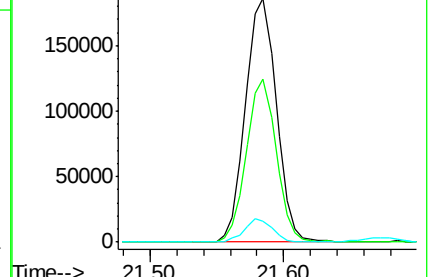
126 8.6 7.0 10.6

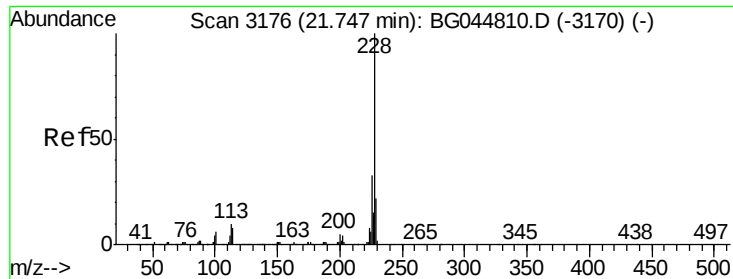


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.52 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

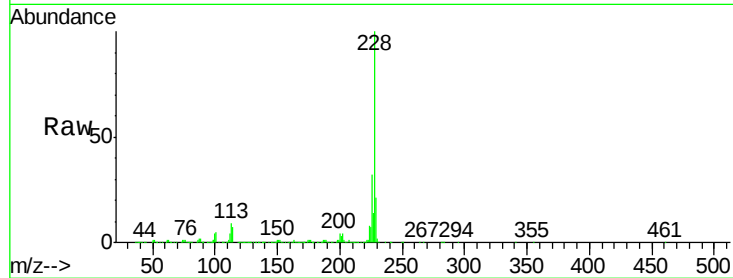
Tgt Ion:228 Resp: 1214061

Ion Ratio Lower Upper

228 100

226 32.2 25.9 38.9

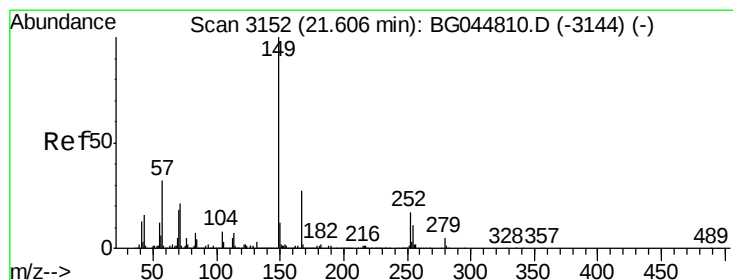
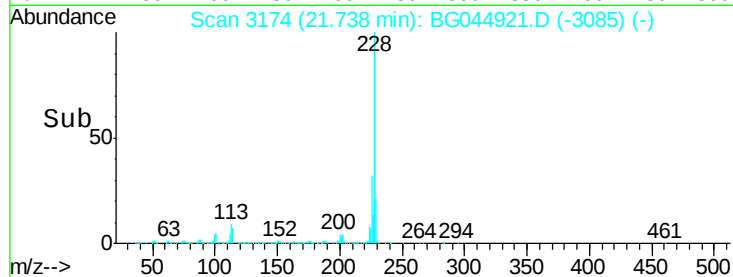
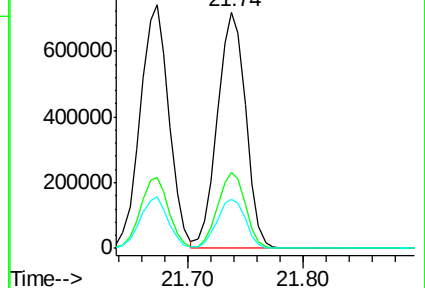
229 20.9 17.4 26.0



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: 35.28 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

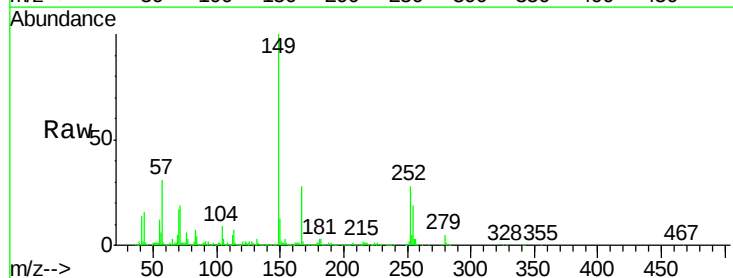
Tgt Ion:149 Resp: 768108

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

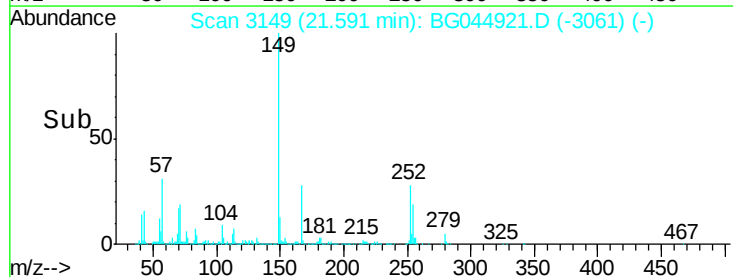
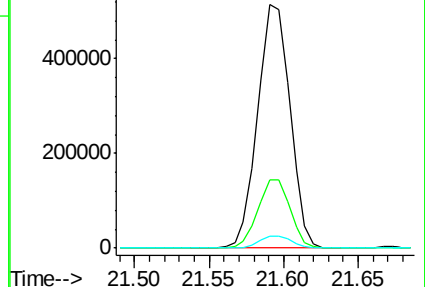
279 4.8 3.8 5.6

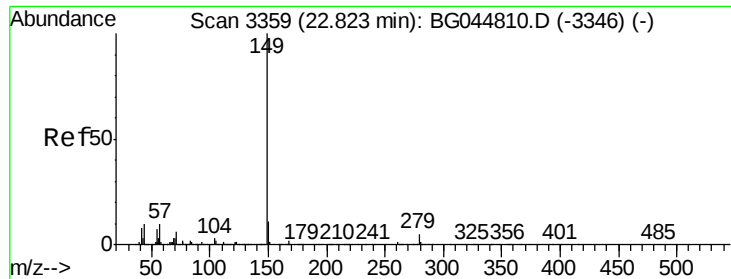


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.06 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

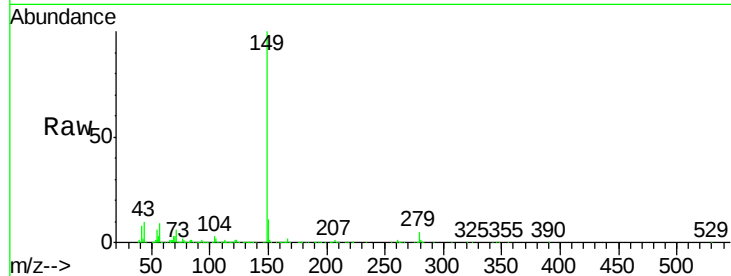
Tgt Ion:149 Resp: 1313703

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

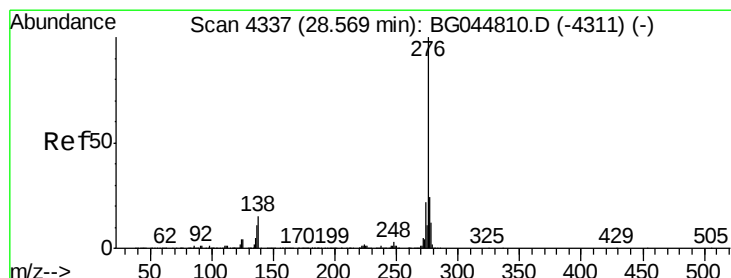
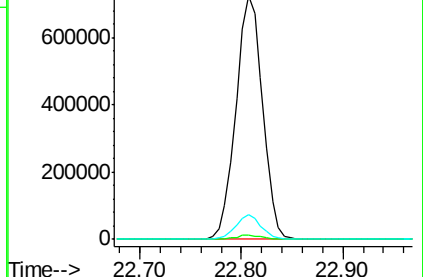
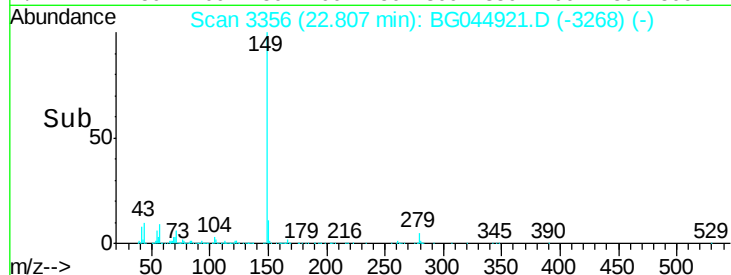
43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.61 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

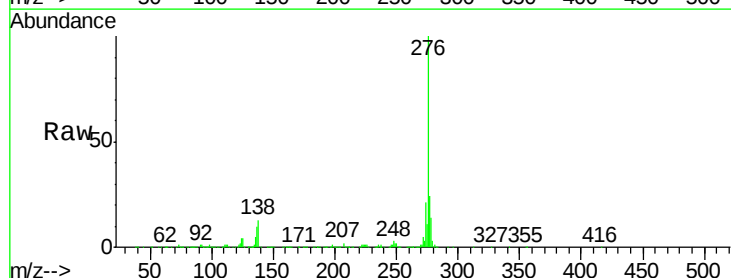
Tgt Ion:276 Resp: 1639214

Ion Ratio Lower Upper

276 100

138 12.0 7.4 11.0#

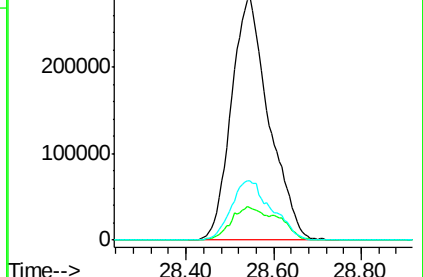
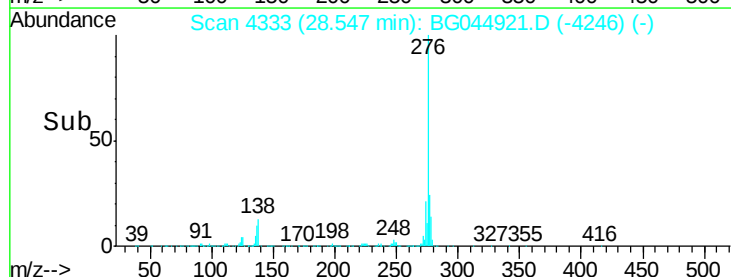
277 26.2 20.8 31.2

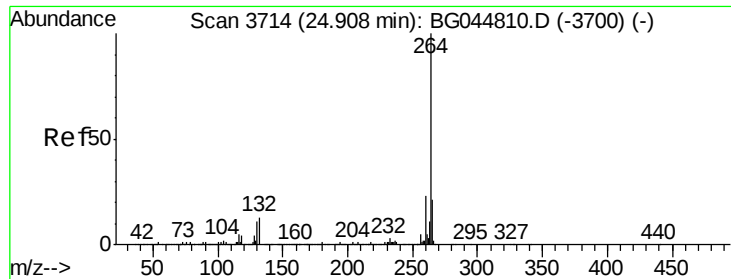


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

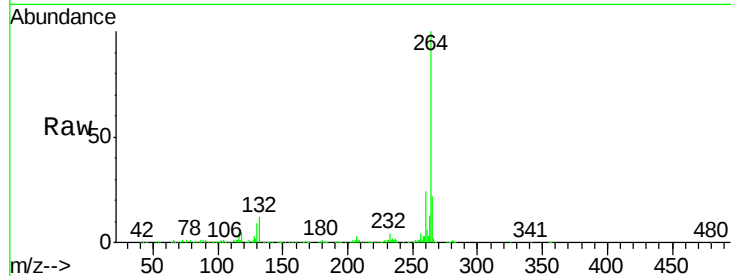
Tgt Ion:264 Resp: 540785

Ion Ratio Lower Upper

264 100

260 23.7 18.1 27.1

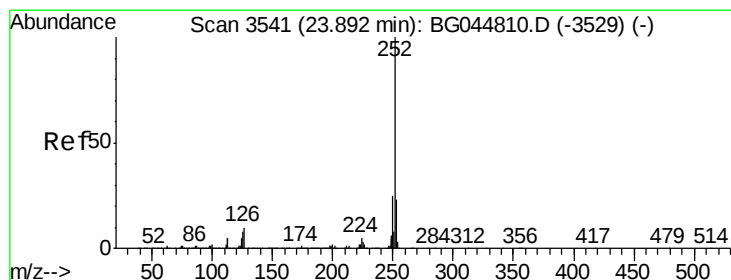
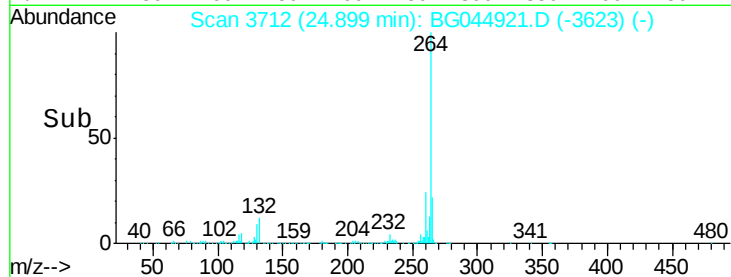
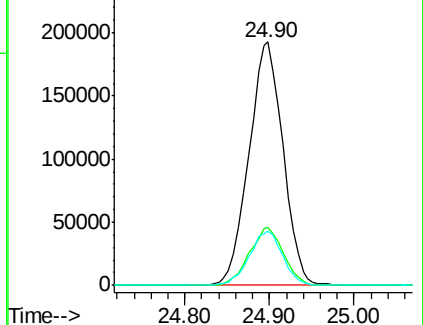
265 22.2 17.1 25.7



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: 38.96 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

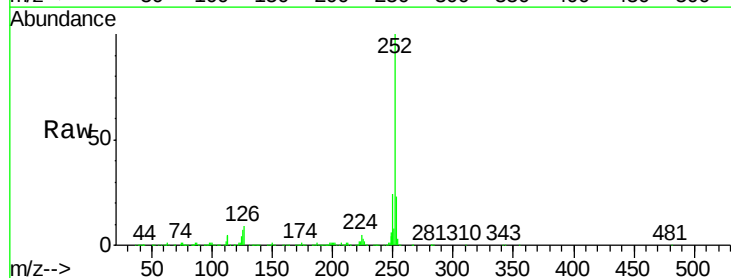
Tgt Ion:252 Resp: 1391022

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

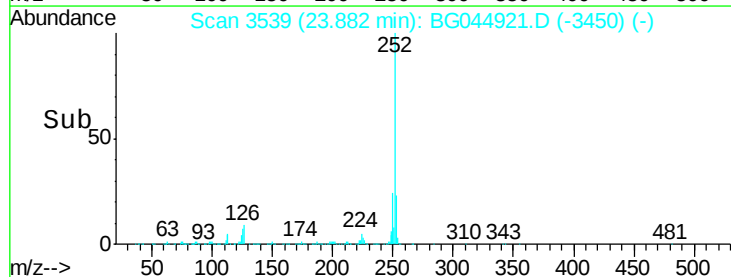
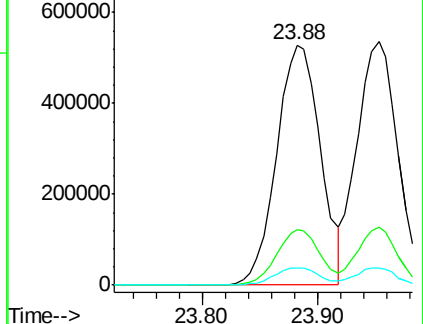
125 7.1 6.6 9.8

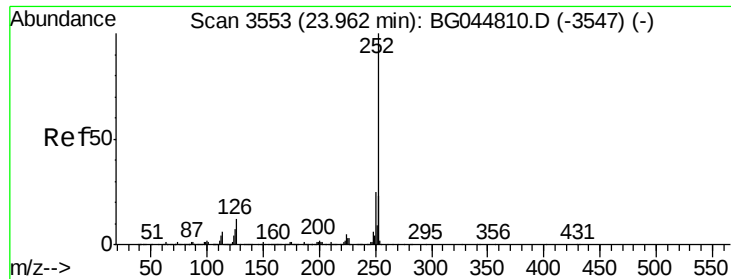


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

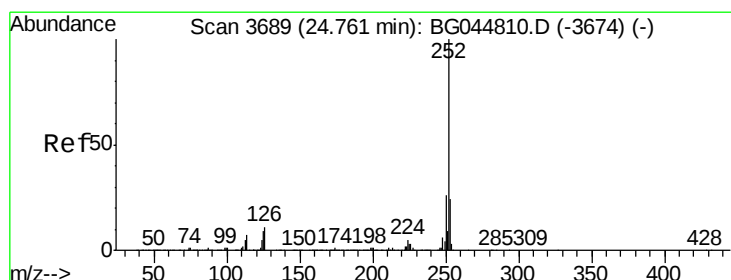
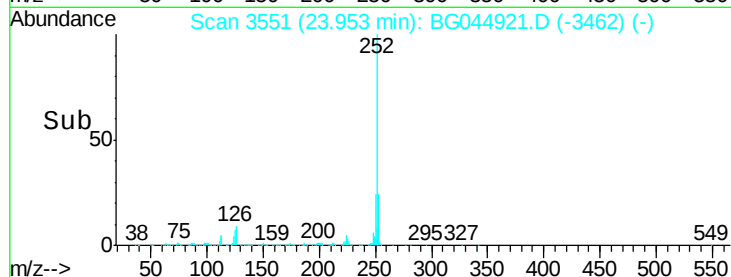
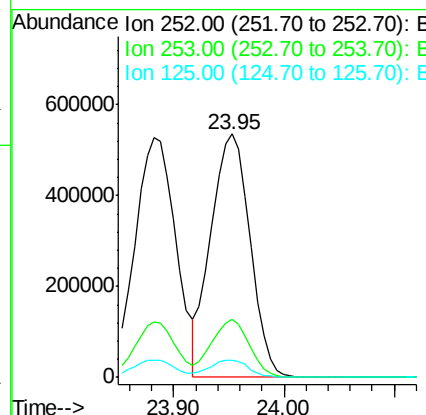
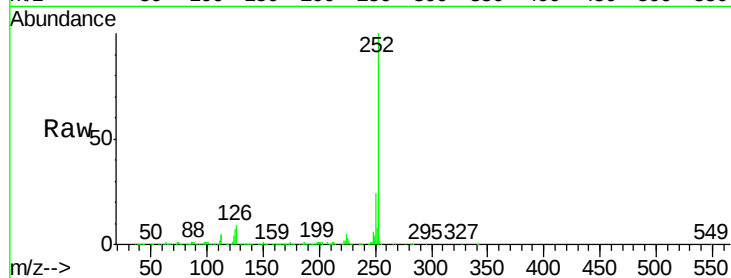




#89
Benzo(k)fluoranthene
Concen: 38.84 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

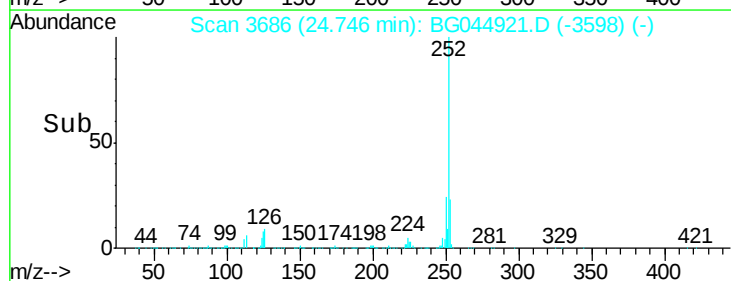
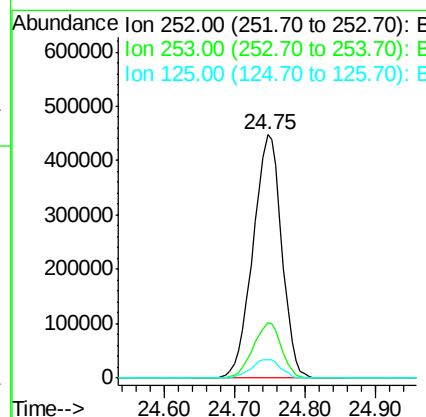
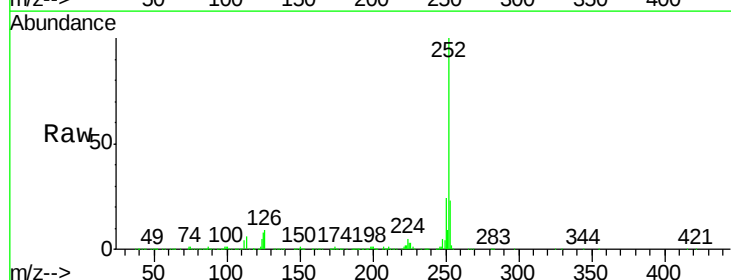
Instrument :
BNA_G
ClientSampleId :
PB127705BSD

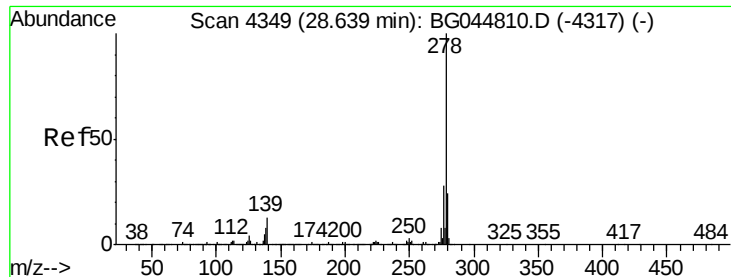
Tgt Ion:252 Resp: 1312186
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 7.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 37.98 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044921.D
Acq: 20 Mar 2020 15:55

Tgt Ion:252 Resp: 1268632
Ion Ratio Lower Upper
252 100
253 22.6 19.4 29.0
125 7.7 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 40.54 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB127705BSD

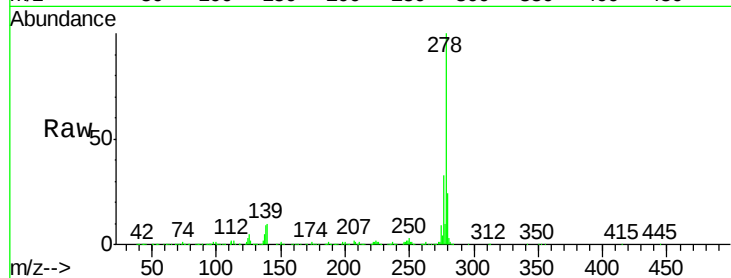
Tgt Ion:278 Resp: 1336129

Ion Ratio Lower Upper

278 100

139 10.2 10.2 15.2#

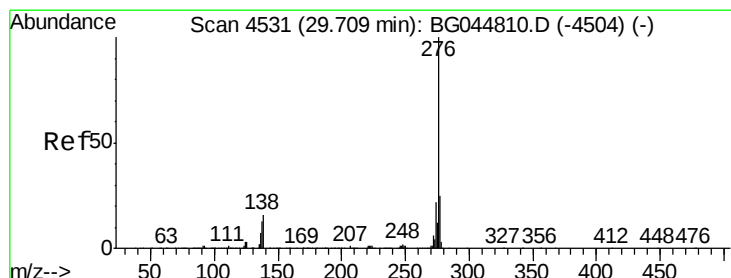
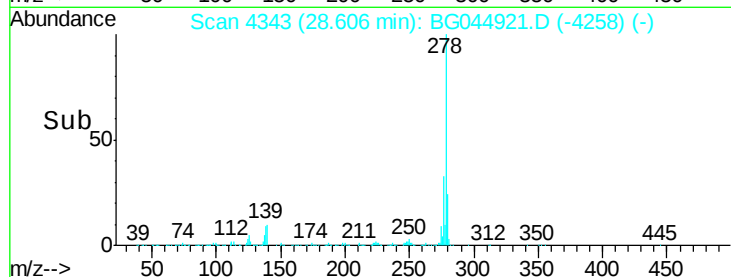
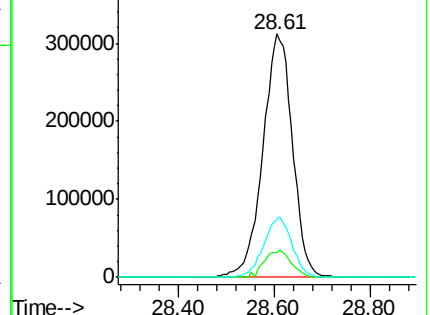
279 23.8 18.9 28.3



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: 40.54 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.03 min

Lab File: BG044921.D

Acq: 20 Mar 2020 15:55

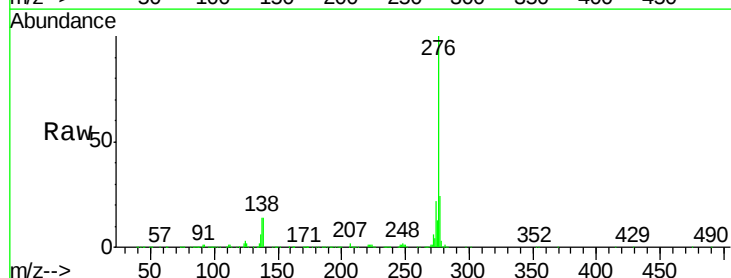
Tgt Ion:276 Resp: 1349938

Ion Ratio Lower Upper

276 100

277 23.5 20.1 30.1

138 14.3 13.0 19.6



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

