

Data File : BG044651.D
Acq On : 3 Mar 2020 4:22
Operator : CG/JU
Sample : PB127195BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Quant Time: Mar 03 06:19:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	58875	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	279676	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	194133	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	435330	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	394426	20.00	ng	-0.07
87) Perylene-d12	24.46	264	451888	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	257259	70.11	ng	-0.07
7) Phenol-d6	6.98	99	237502	47.29	ng	-0.07
23) Nitrobenzene-d5	8.96	82	463863	85.45	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	247287	89.84	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	1104019	81.44	ng	-0.06
79) Terphenyl-d14	19.83	244	1790093	85.92	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	27873	17.407	ng	98
4) n-Nitrosodimethylamine	3.55	42	36920	21.757	ng	94
6) Aniline	7.22	93	212611	34.767	ng	# 58
8) 2-Chlorophenol	7.37	128	220402	55.023	ng	97
9) Benzaldehyde	6.94	77	89761	30.391	ng	98
10) Phenol	7.01	94	133287	27.383	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	212611	51.959	ng	96
12) 1,3-Dichlorobenzene	7.69	146	199454	41.748	ng	97
13) 1,4-Dichlorobenzene	7.84	146	203492	42.382	ng	99
14) 1,2-Dichlorobenzene	8.16	146	195860	42.895	ng	98
15) Benzyl Alcohol	8.05	79	122066	36.035	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.34	45	274474	49.911	ng	100
17) 2-Methylphenol	8.26	107	173950	50.025	ng	97
18) Hexachloroethane	8.89	117	69585	39.656	ng	99
19) n-Nitroso-di-n-propylamine	8.62	70	173225	53.653	ng	98
20) 3+4-Methylphenols	8.59	107	220803	46.381	ng	98
22) Acetophenone	8.63	105	331672	47.235	ng	98
24) Nitrobenzene	9.00	77	243287	46.257	ng	98
25) Isophorone	9.53	82	487497	48.003	ng	99
26) 2-Nitrophenol	9.72	139	136363	47.808	ng	97
27) 2,4-Dimethylphenol	9.79	122	219539	54.818	ng	99
28) bis(2-Chloroethoxy)methane	10.01	93	300875	44.801	ng	100
29) 2,4-Dichlorophenol	10.26	162	238167	49.742	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	217771	39.327	ng	99
31) Naphthalene	10.66	128	660519	43.282	ng	100
32) Benzoic acid	9.94	122	30476	30.448	ng	96
33) 4-Chloroaniline	10.77	127	20374	3.031	ng	96
34) Hexachlorobutadiene	10.95	225	122396	35.197	ng	97
35) Caprolactam	11.54	113	4974	2.902	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	252581	51.248	ng	97
37) 2-Methylnaphthalene	12.27	142	522404	46.318	ng	100
38) 1-Methylnaphthalene	12.49	142	495843	46.267	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	269796	41.282	ng	99
41) Hexachlorocyclopentadiene	12.63	237	262749	83.883	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	197794	46.610	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	212956	48.852	ng	97
46) 1,1'-Biphenyl	13.29	154	685957	42.698	ng	98
47) 2-Chloronaphthalene	13.33	162	532344	42.257	ng	99
48) 2-Nitroaniline	13.53	65	159945	45.738	ng	93
49) Acenaphthylene	14.17	152	846502	45.521	ng	100
50) Dimethylphthalate	13.92	163	709227	45.263	ng	100
51) 2,6-Dinitrotoluene	14.03	165	163633	47.351	ng	96
52) Acenaphthene	14.52	154	529125	44.637	ng	100
53) 3-Nitroaniline	14.36	138	60148	16.139	ng	99
54) 2,4-Dinitrophenol	14.57	184	194711	92.863	ng	97
55) Dibenzofuran	14.86	168	835926	45.999	ng	99
56) 4-Nitrophenol	14.69	139	150378	58.658	ng	98
57) 2,4-Dinitrotoluene	14.83	165	232050	47.762	ng	99
58) Fluorene	15.51	166	667894	46.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	200369	49.914	ng	99
60) Diethylphthalate	15.29	149	714876	46.046	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	357166	45.589	ng	99
62) 4-Nitroaniline	15.53	138	147803	39.606	ng	97
63) Azobenzene	15.80	77	630263	47.701	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	148466	55.079	ng	99
66) n-Nitrosodiphenylamine	15.71	169	621278	45.752	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	245791	45.486	ng	98
68) Hexachlorobenzene	16.52	284	272091	44.536	ng	97
69) Atrazine	16.67	200	231570	46.129	ng	99
70) Pentachlorophenol	16.87	266	280716	92.636	ng	97
71) Phenanthrene	17.25	178	1097519	45.538	ng	98
72) Anthracene	17.34	178	1126968	47.448	ng	97
73) Carbazole	17.61	167	1000448	46.275	ng	99
74) Di-n-butylphthalate	18.18	149	1210984	44.700	ng	98
75) Fluoranthene	19.26	202	1313120	46.024	ng	98
77) Benzidine	19.83	184	28601	2.117	ng	# 92
78) Pyrene	19.62	202	1321197	46.144	ng	96
80) Butylbenzylphthalate	20.51	149	557242	44.494	ng	96
81) Benzo(a)anthracene	21.42	228	1274688	45.982	ng	97
82) 3,3'-Dichlorobenzidine	21.34	252	251617	22.975	ng	97
83) Chrysene	21.48	228	1231432	45.944	ng	97
84) Bis(2-ethylhexyl)phthalate	21.35	149	795876	46.120	ng	98
85) Di-n-octyl phthalate	22.49	149	1392122	45.852	ng	98
86) Indeno(1,2,3-cd)pyrene	27.88	276	1613354	46.903	ng	99
88) Benzo(b)fluoranthene	23.50	252	1372686	46.202	ng	98
89) Benzo(k)fluoranthene	23.57	252	1353947	46.966	ng	100
90) Benzo(a)pyrene	24.32	252	1262171	45.215	ng	99
91) Dibenzo(a,h)anthracene	27.93	278	1326705	48.056	ng	99
92) Benzo(g,h,i)perylene	28.94	276	1361708	49.230	ng	98

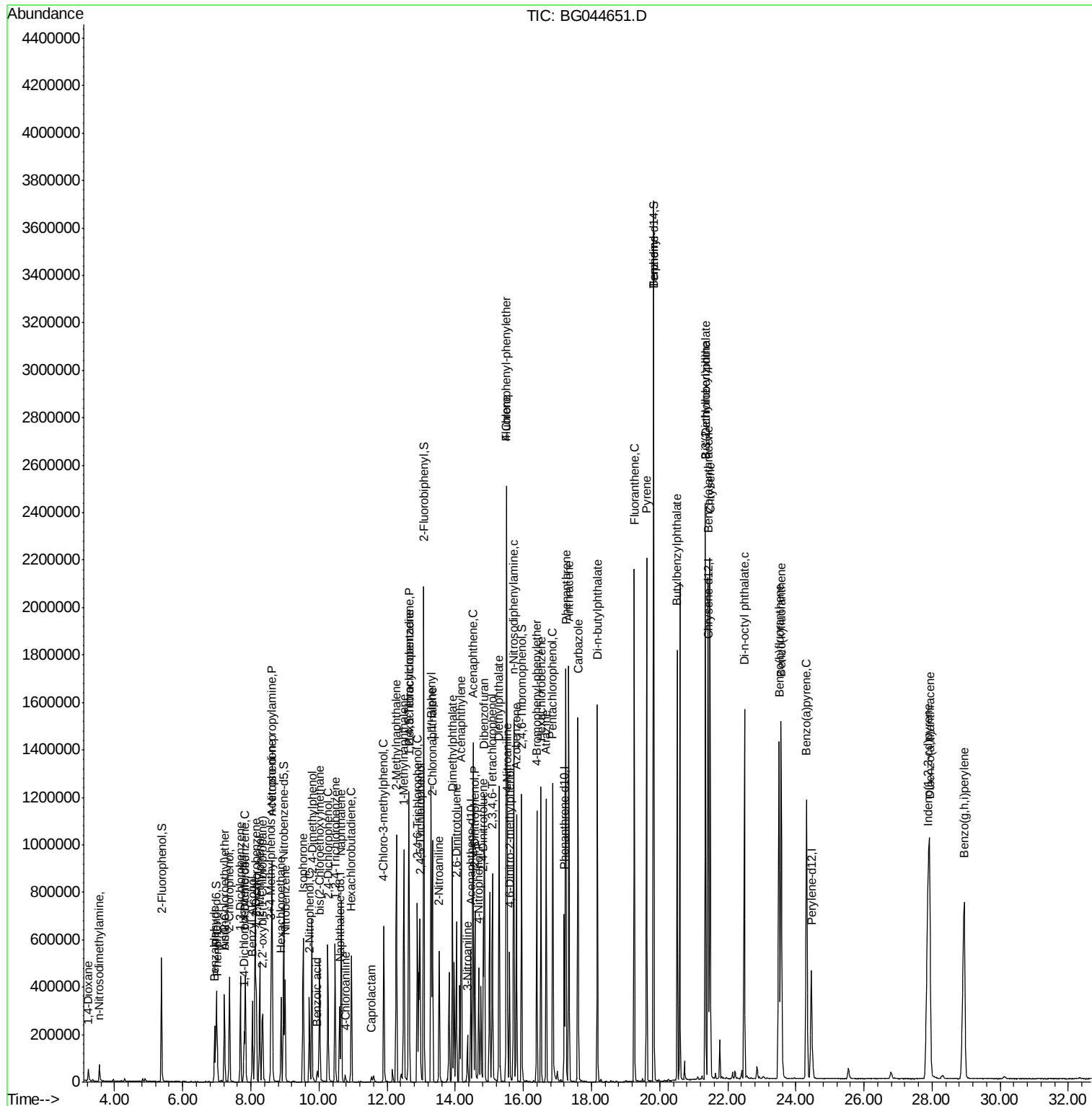
(#) = qualifier out of range (m) = manual integration (+) = signals summed

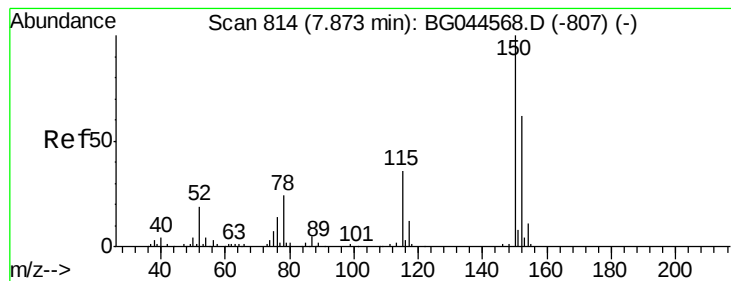
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.07 min

Lab File: BG044651.D

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BNA_G

ClientSampleId :

PB127195BSD

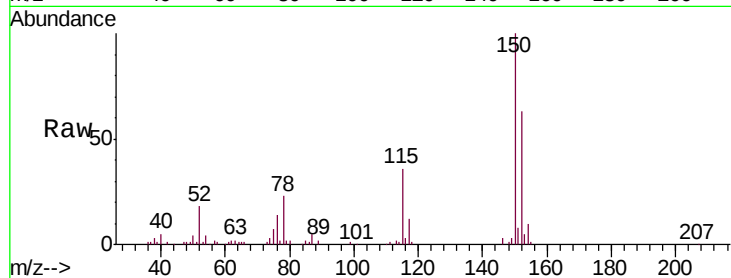
Tgt Ion:152 Resp: 58875

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

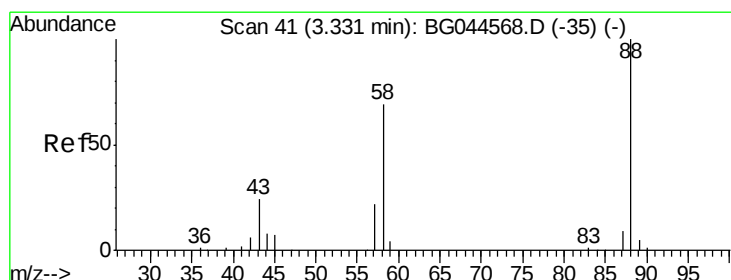
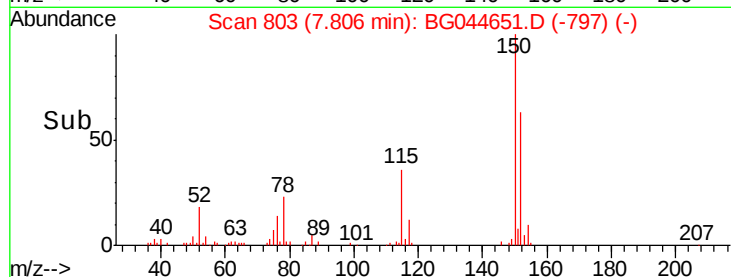
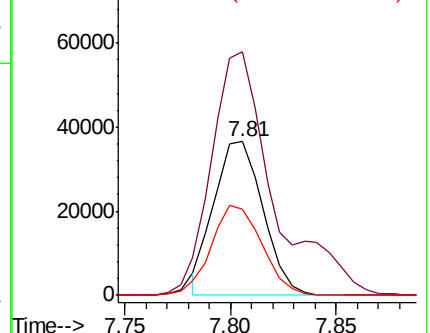
115 56.5 47.0 70.4



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: 17.407 ng

RT: 3.23 min Scan# 24

Delta R.T. -0.10 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

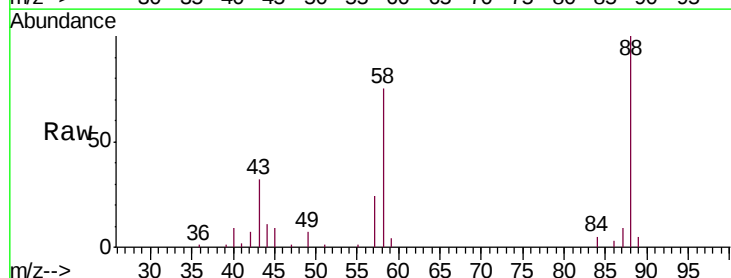
Tgt Ion: 88 Resp: 27873

Ion Ratio Lower Upper

88 100

58 68.3 55.8 83.8

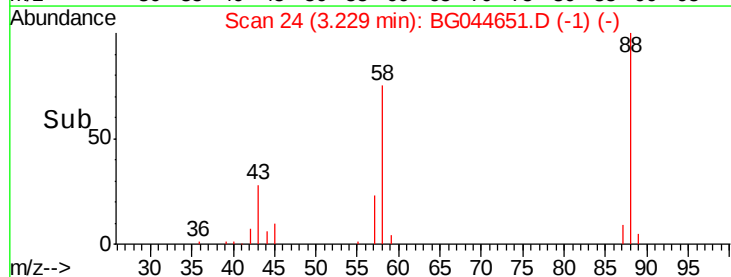
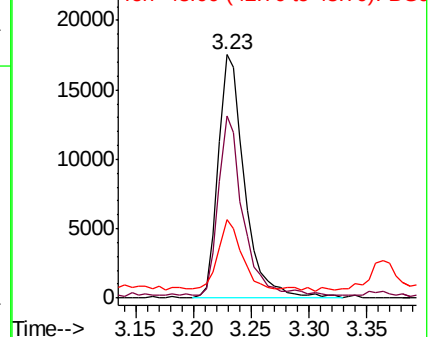
43 24.9 20.6 31.0

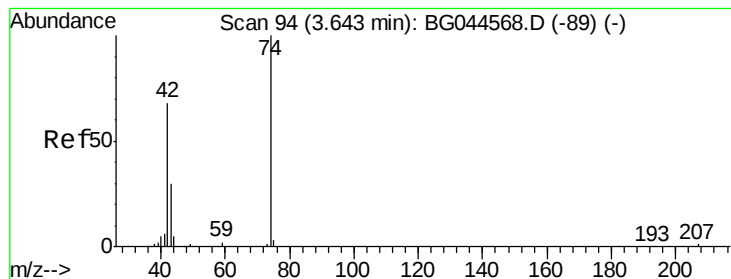


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 21.757 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.09 min

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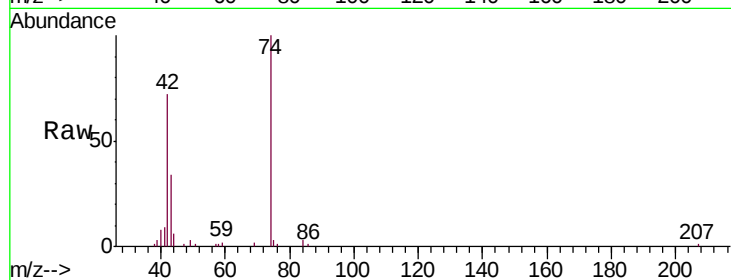
Tgt Ion: 42 Resp: 36920

Ion Ratio Lower Upper

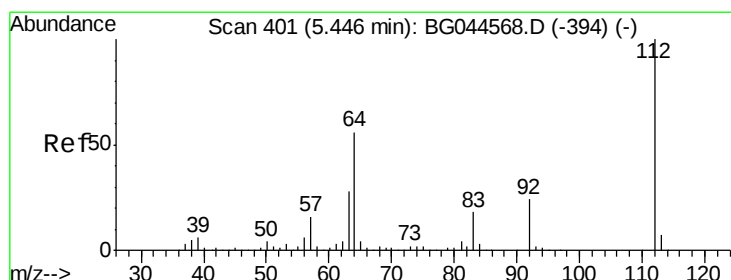
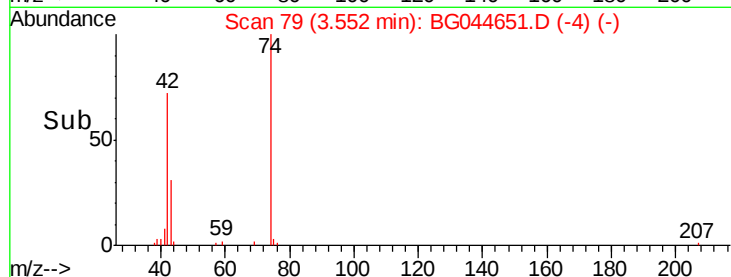
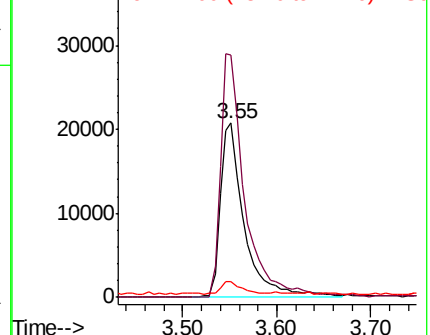
42 100

74 138.8 117.6 176.4

44 8.8 6.3 9.5



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



#5

2-Fluorophenol

Concen: 70.109 ng

RT: 5.37 min Scan# 389

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

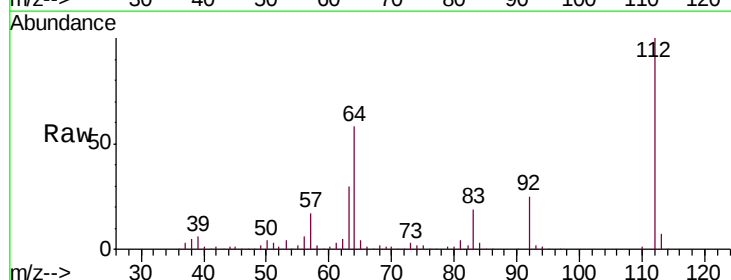
Tgt Ion: 112 Resp: 257259

Ion Ratio Lower Upper

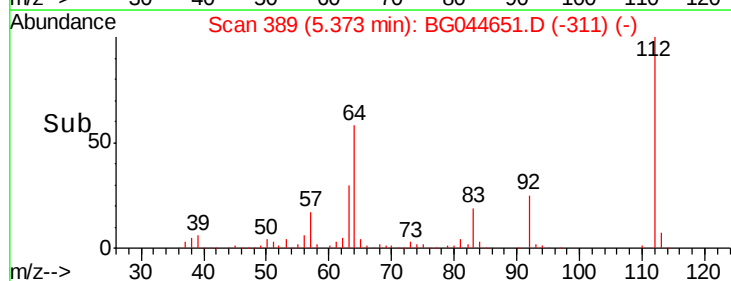
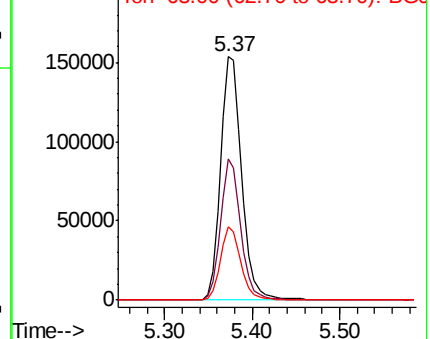
112 100

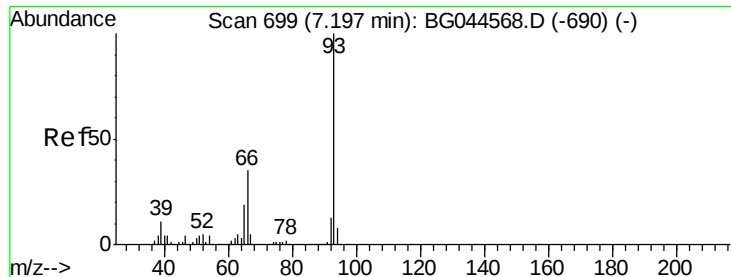
64 58.2 44.8 67.2

63 29.9 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 34.767 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.03 min

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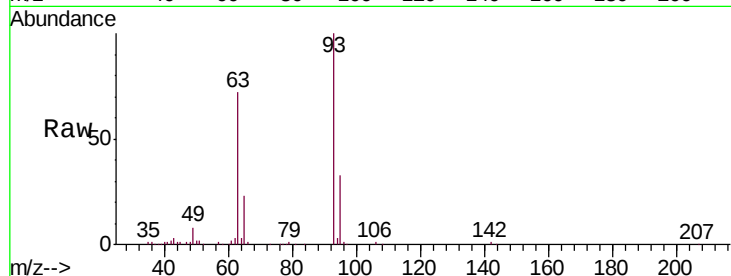
Tgt Ion: 93 Resp: 212611

Ion Ratio Lower Upper

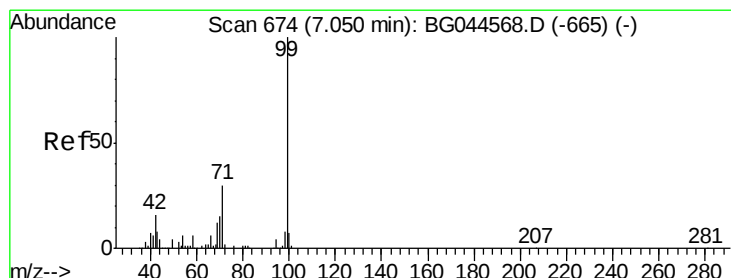
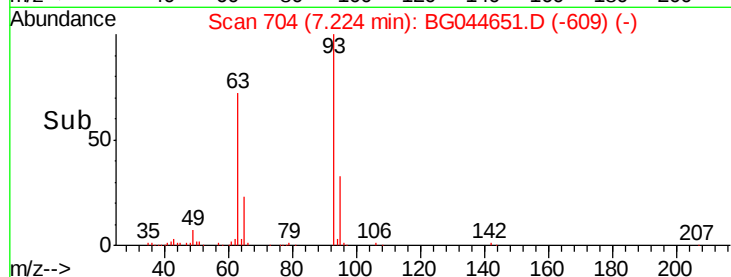
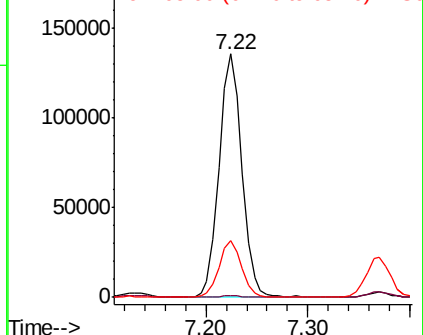
93 100

66 0.6 27.8 41.8#

65 23.3 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 47.285 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

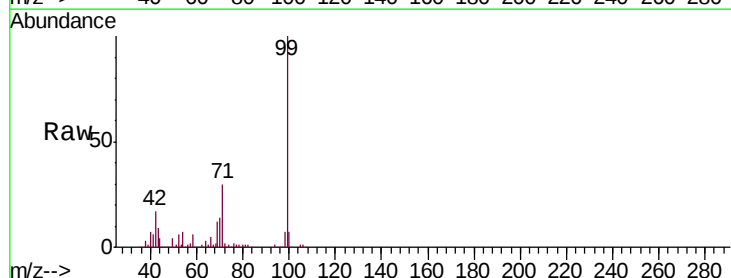
Tgt Ion: 99 Resp: 237502

Ion Ratio Lower Upper

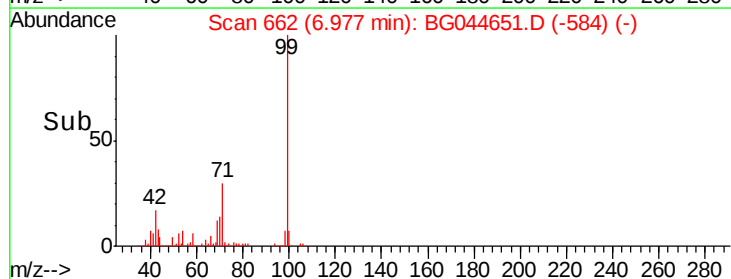
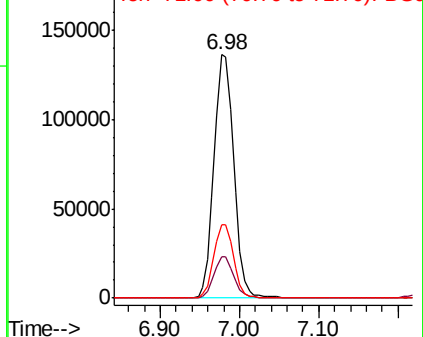
99 100

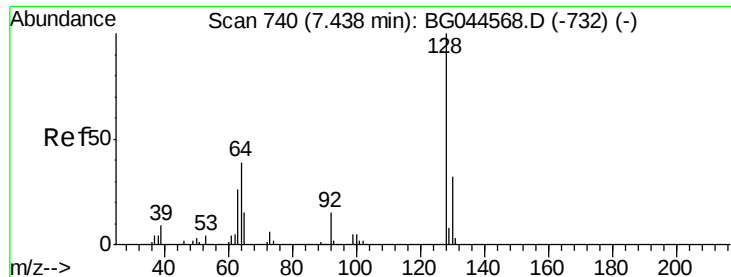
42 16.9 12.8 19.2

71 30.0 24.4 36.6



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





#8

2-Chlorophenol

Concen: 55.023 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.07 min

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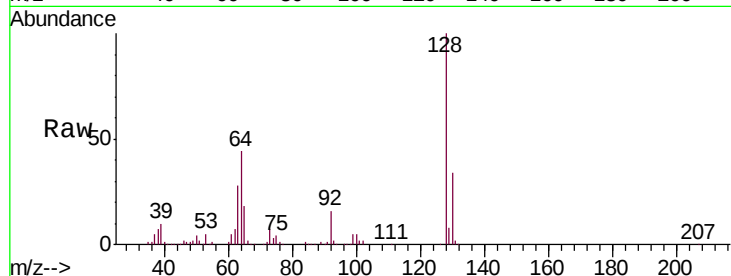
Tgt Ion:128 Resp: 220402

Ion Ratio Lower Upper

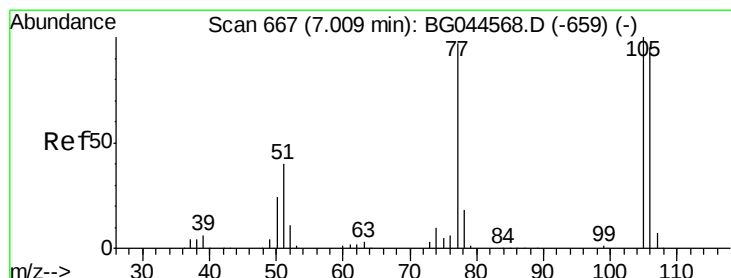
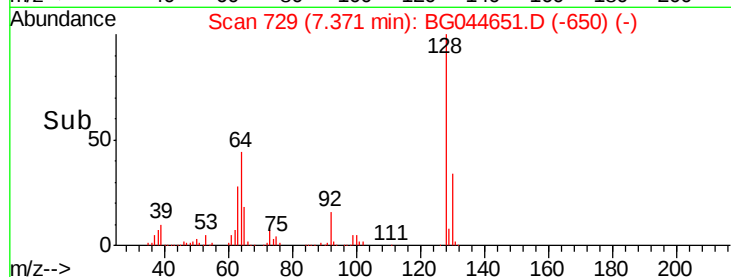
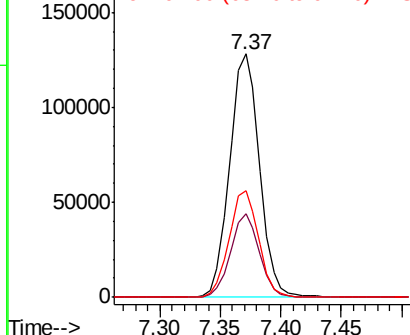
128 100

130 34.3 12.3 52.3

64 43.7 22.5 62.5



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: 30.391 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

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Acq: 3 Mar 2020 4:22

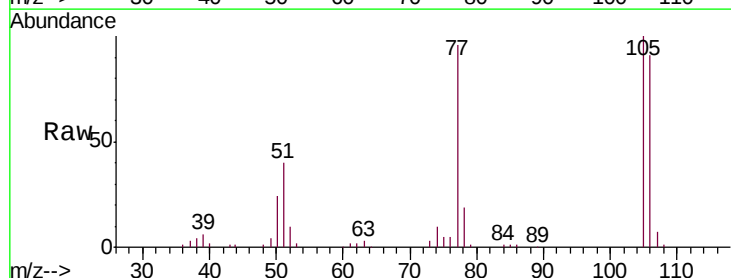
Tgt Ion: 77 Resp: 89761

Ion Ratio Lower Upper

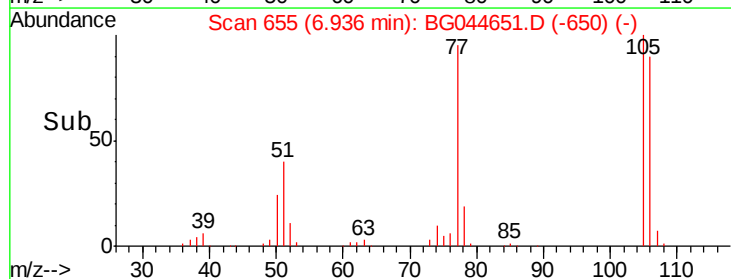
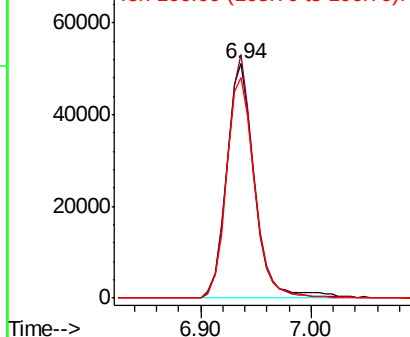
77 100

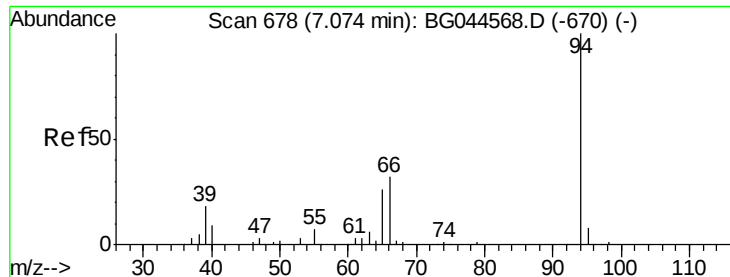
105 104.0 83.6 123.6

106 94.2 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 27.383 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.07 min

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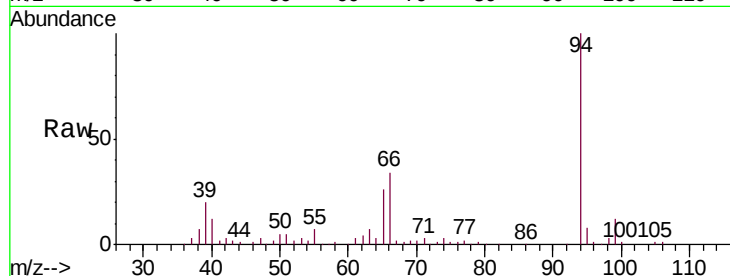
Tgt Ion: 94 Resp: 133287

Ion Ratio Lower Upper

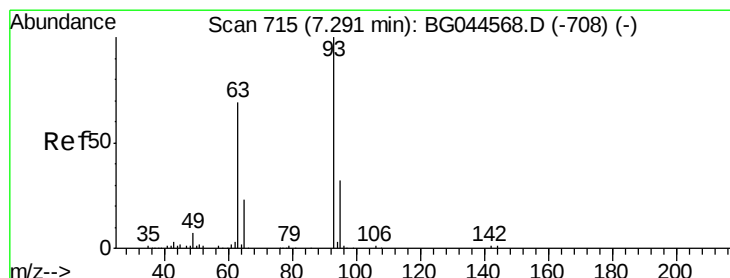
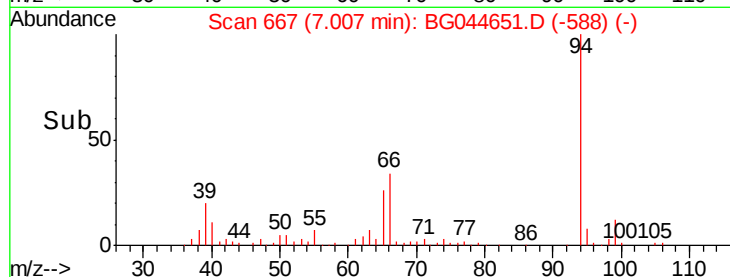
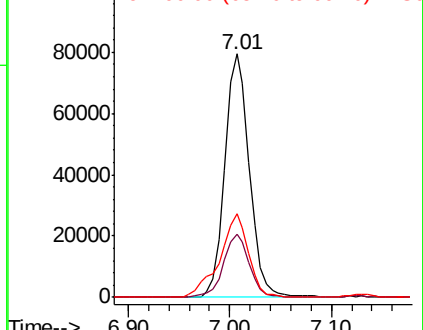
94 100

65 25.9 6.4 46.4

66 34.4 13.9 53.9



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: 51.959 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

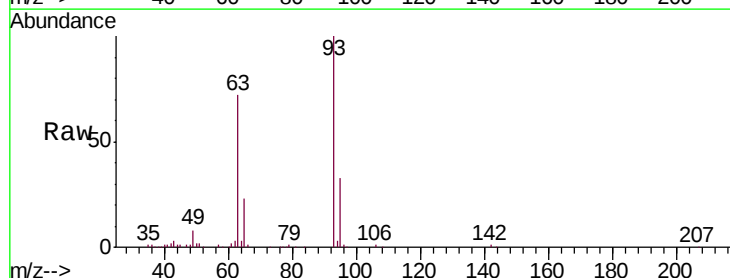
Tgt Ion: 93 Resp: 212611

Ion Ratio Lower Upper

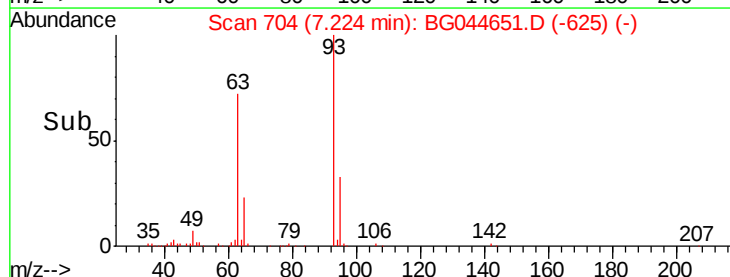
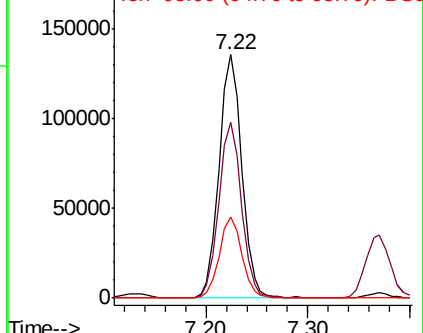
93 100

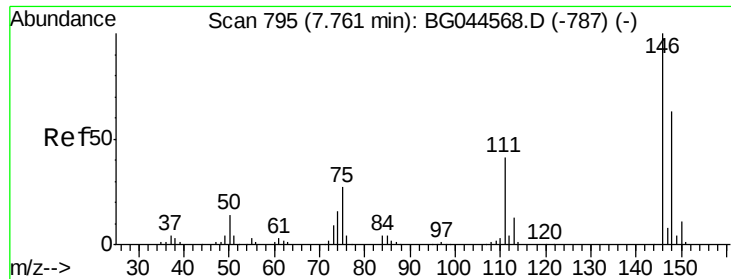
63 72.4 48.9 88.9

95 33.3 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

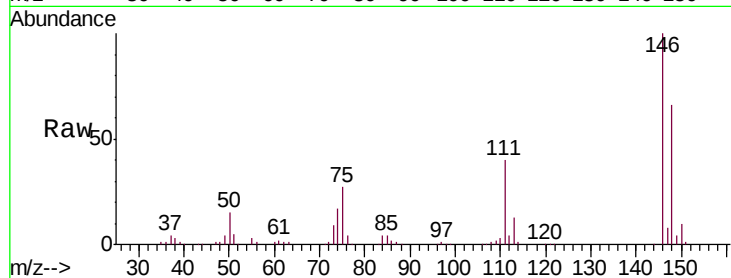




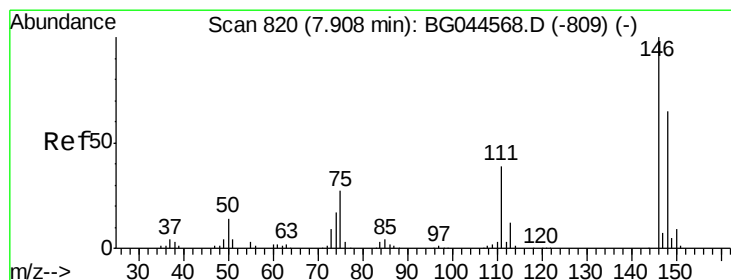
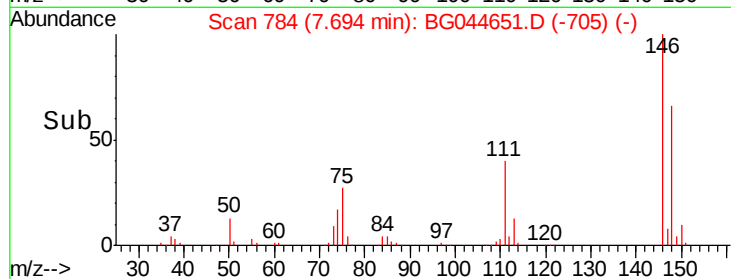
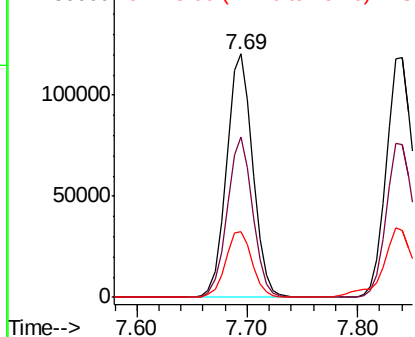
#12
 1,3-Dichlorobenzene
 Concen: 41.748 ng
 RT: 7.69 min Scan# 784
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:146 Resp: 199454
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 75.8
 75 27.0 21.4 32.0

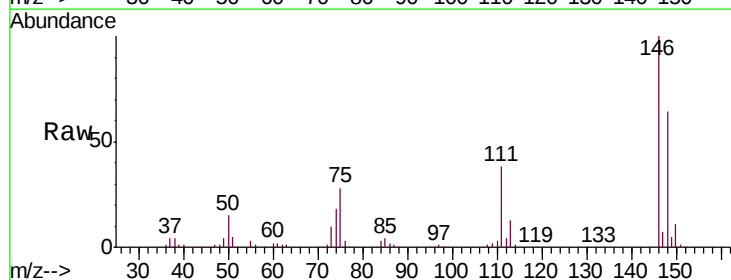


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

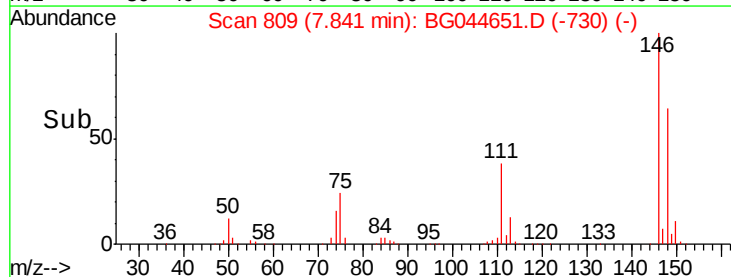
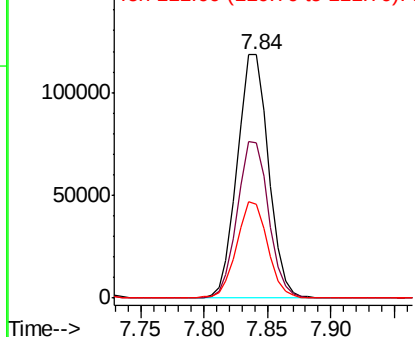


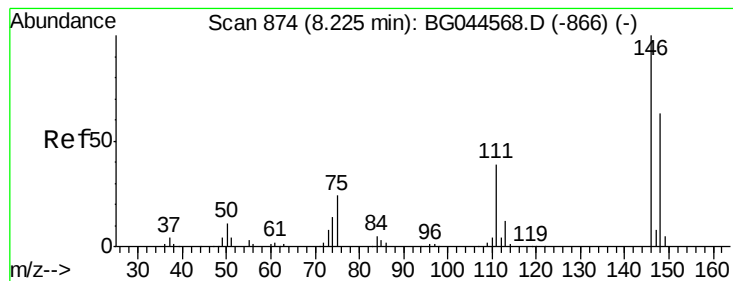
#13
 1,4-Dichlorobenzene
 Concen: 42.382 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:146 Resp: 203492
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 38.3 30.8 46.2



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





#14

1,2-Dichlorobenzene

Concen: 42.895 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

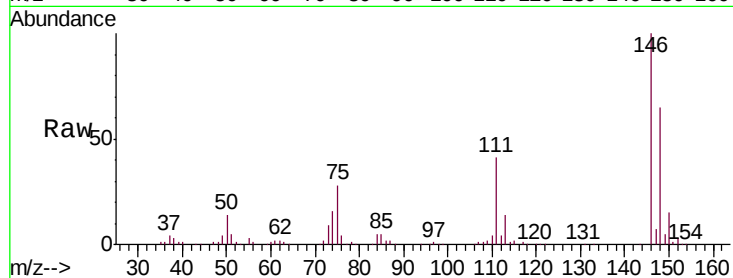
Tgt Ion:146 Resp: 195860

Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

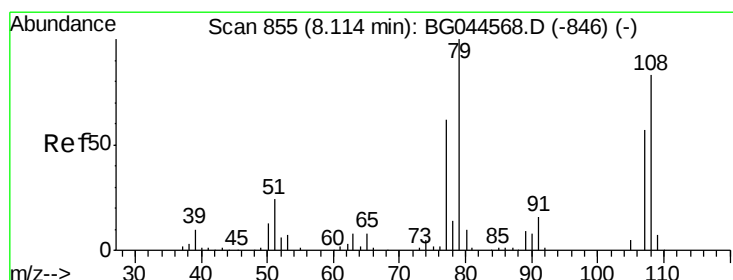
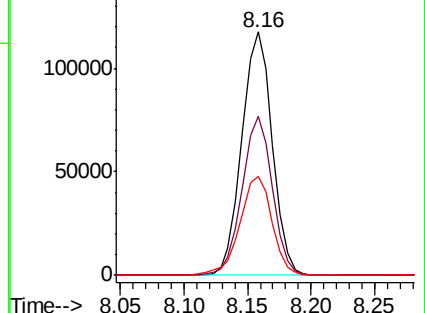
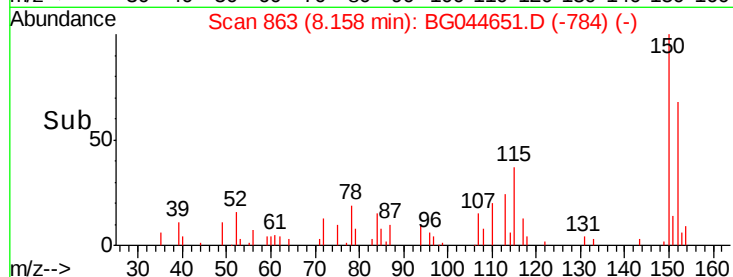
111 40.6 31.8 47.6



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: 36.035 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

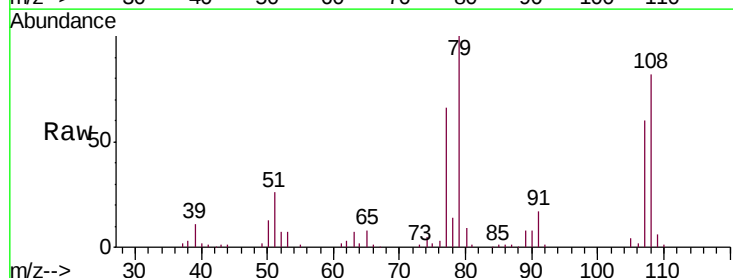
Tgt Ion: 79 Resp: 122066

Ion Ratio Lower Upper

79 100

108 82.2 66.0 99.0

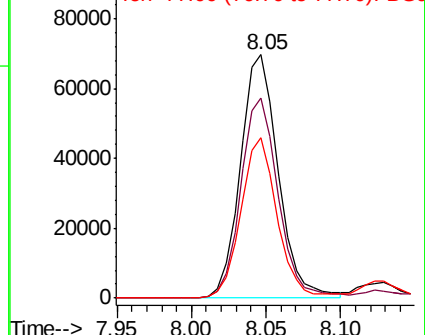
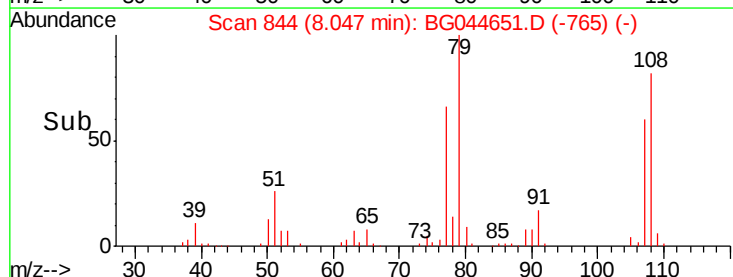
77 66.2 49.6 74.4

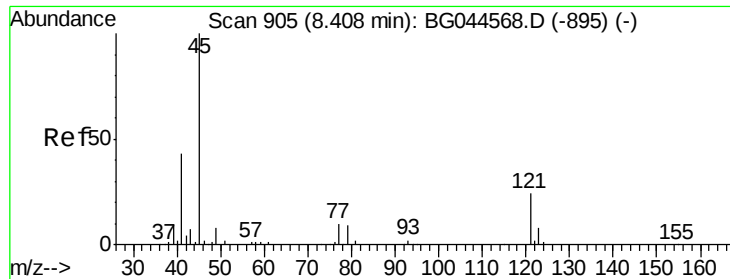


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

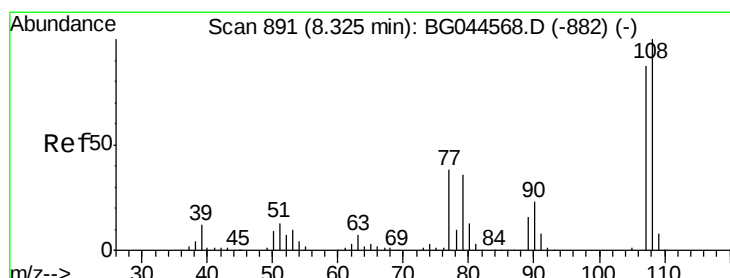
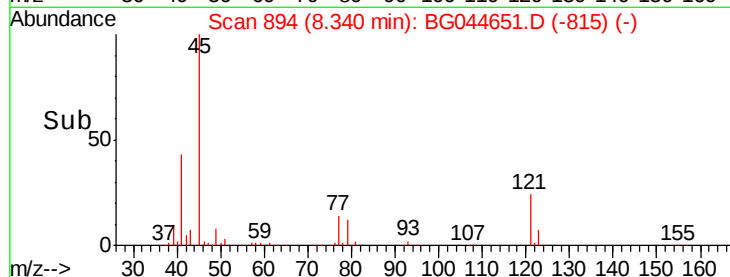
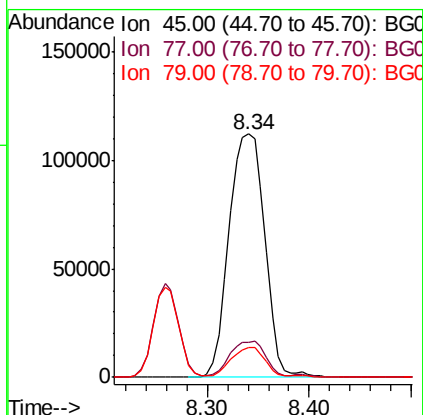
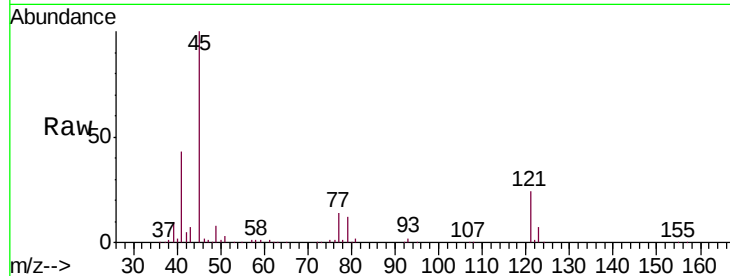




#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.911 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

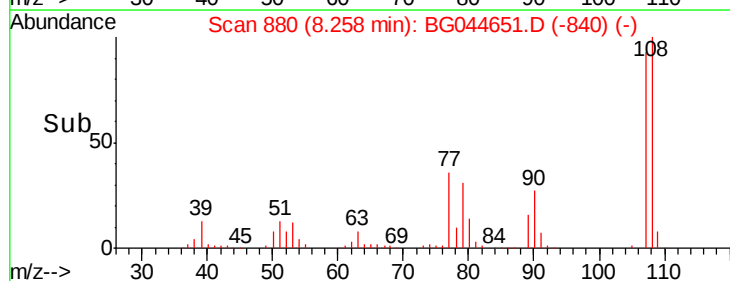
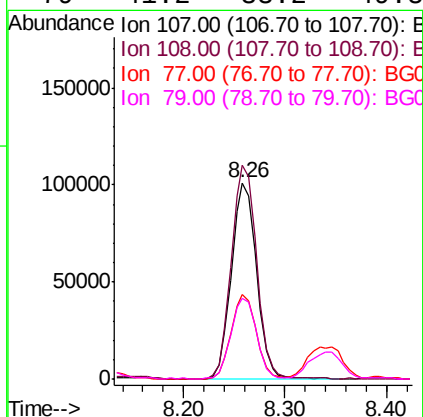
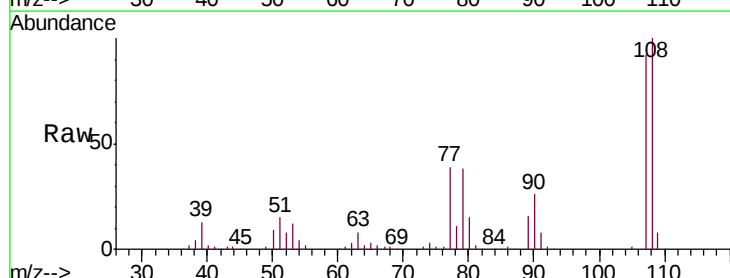
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

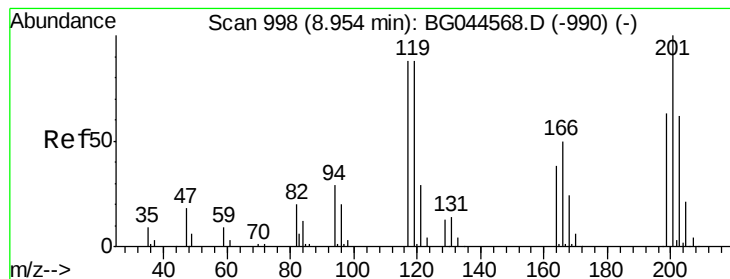
Tgt Ion: 45 Resp: 274474
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.4
79 12.2 0.0 32.3



#17
2-Methylphenol
Concen: 50.025 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion: 107 Resp: 173950
Ion Ratio Lower Upper
107 100
108 109.1 91.7 137.5
77 42.9 35.1 52.7
79 41.2 33.2 49.8





#18

Hexachloroethane

Concen: 39.656 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

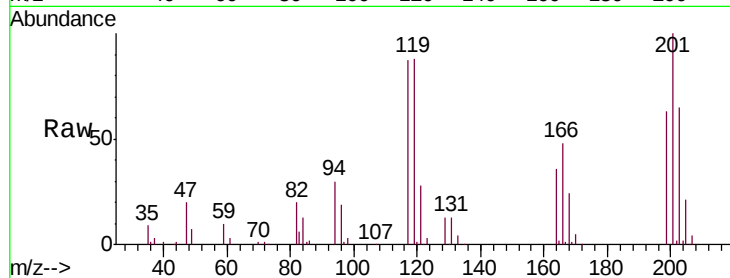
Tgt Ion:117 Resp: 69585

Ion Ratio Lower Upper

117 100

119 100.4 80.0 120.0

201 114.4 90.5 135.7

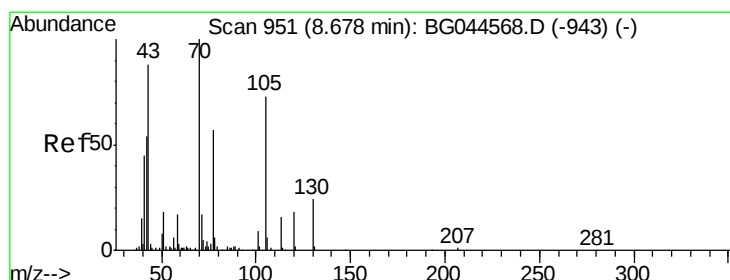
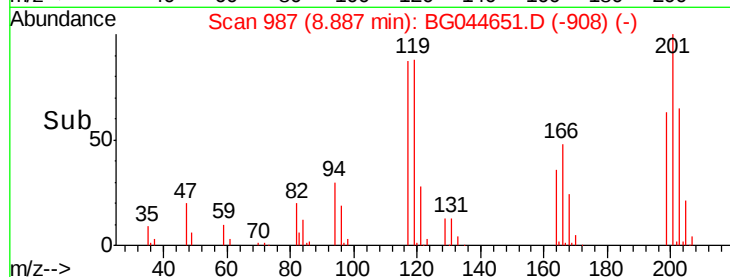
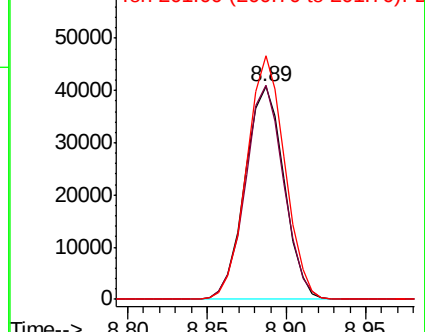


Abundance

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: 53.653 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion: 70 Resp: 173225

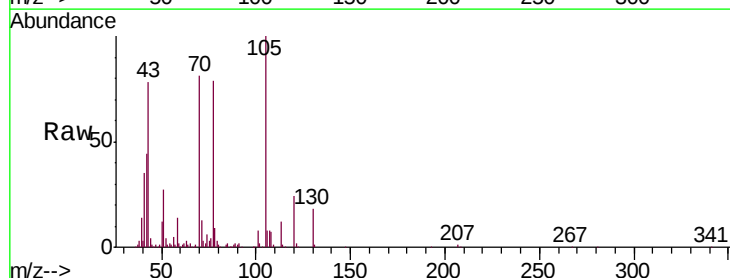
Ion Ratio Lower Upper

70 100

42 54.8 43.4 65.0

101 9.7 7.5 11.3

130 22.0 18.9 28.3



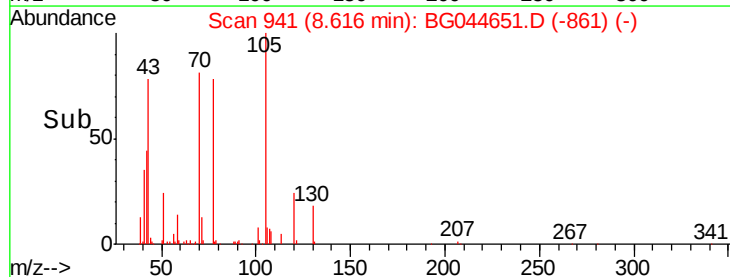
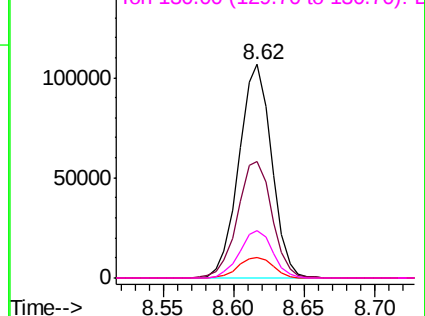
Abundance

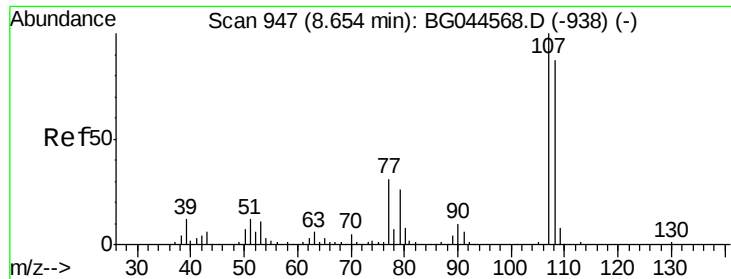
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

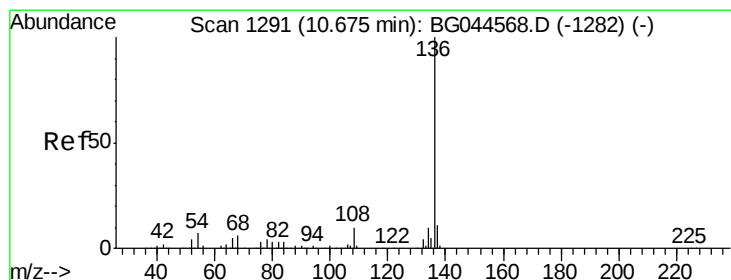
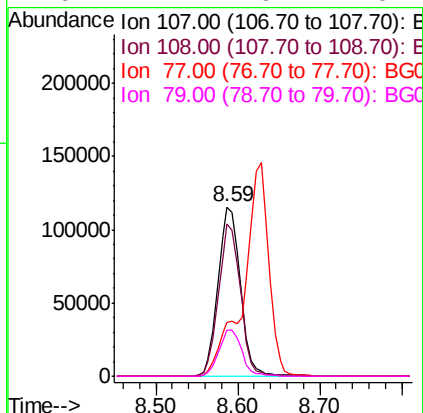
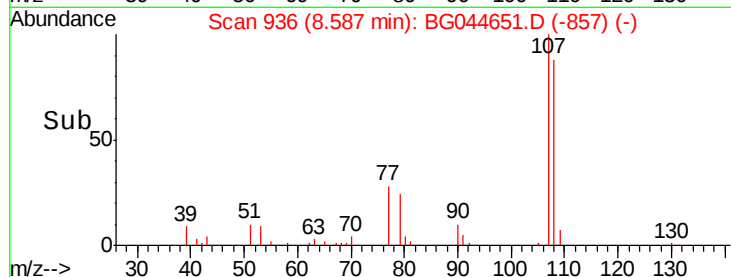
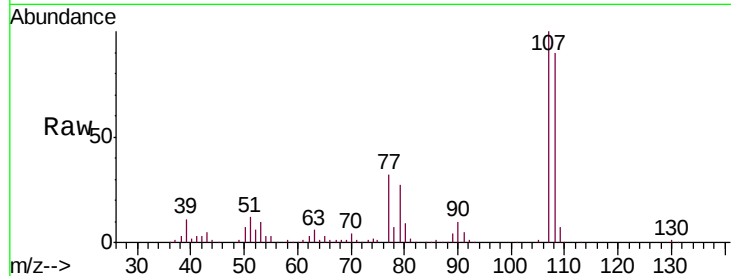




#20
3+4-Methylphenols
Concen: 46.381 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

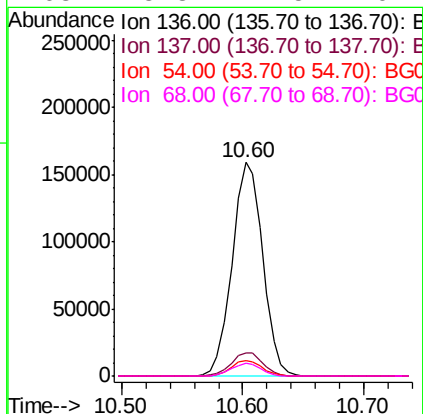
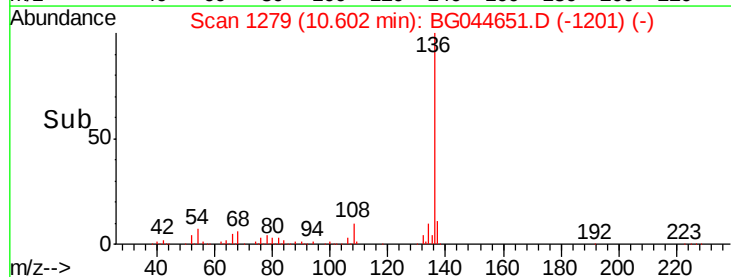
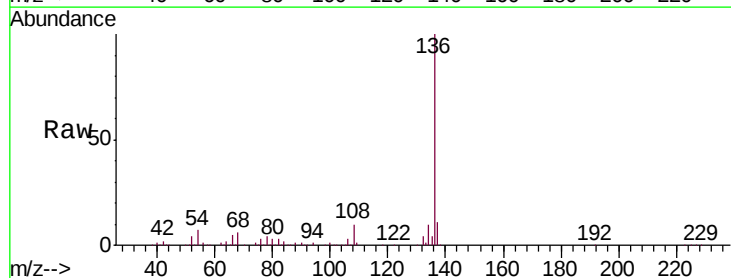
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

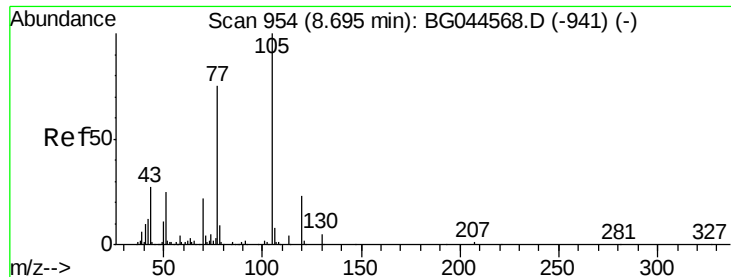
Tgt Ion:	107	Resp:	220803
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	32.0	11.3	51.3
79	27.2	6.4	46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:	136	Resp:	279676
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	5.7	8.5
68	5.8	4.5	6.7

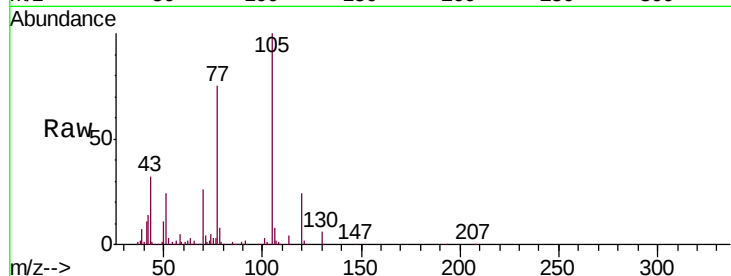




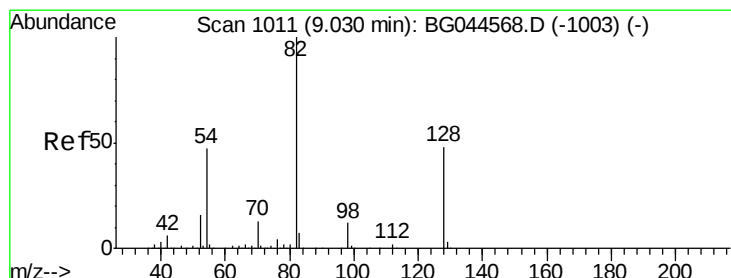
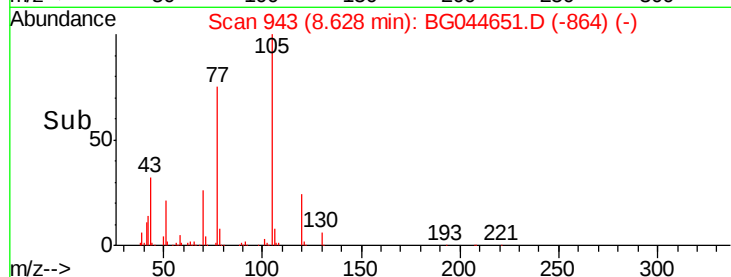
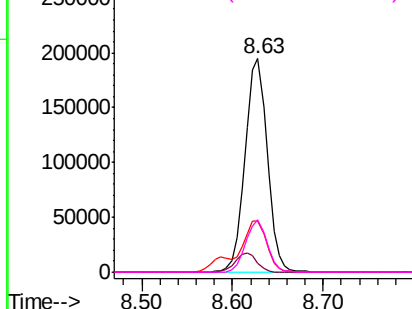
#22
Acetophenone
Concen: 47.235 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tgt Ion: 105 Resp: 331672
Ion Ratio Lower Upper
105 100
71 4.1 2.8 4.2
51 23.7 19.9 29.9
120 24.4 18.6 28.0

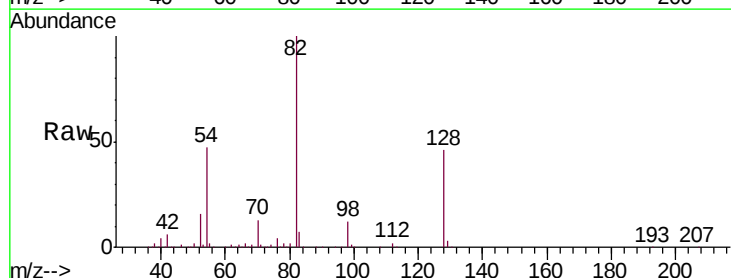


Abundance Ion 105.00 (104.70 to 105.70): E
300000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

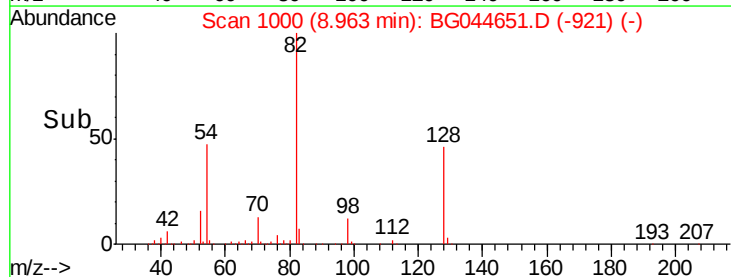
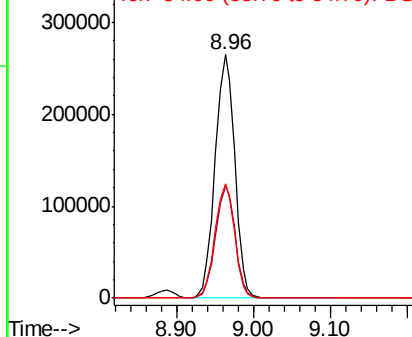


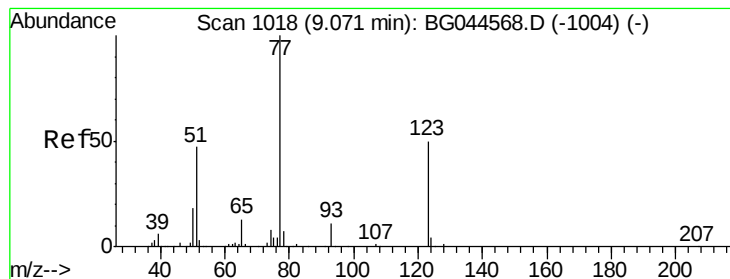
#23
Nitrobenzene-d5
Concen: 85.447 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion: 82 Resp: 463863
Ion Ratio Lower Upper
82 100
128 45.9 38.1 57.1
54 46.8 37.5 56.3



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





#24

Nitrobenzene

Concen: 46.257 ng

RT: 9.00 min Scan# 1007

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

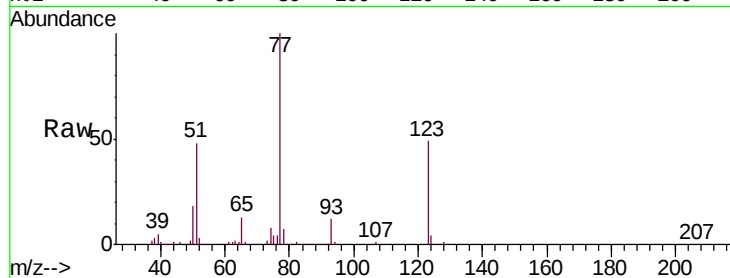
Tgt Ion: 77 Resp: 243287

Ion Ratio Lower Upper

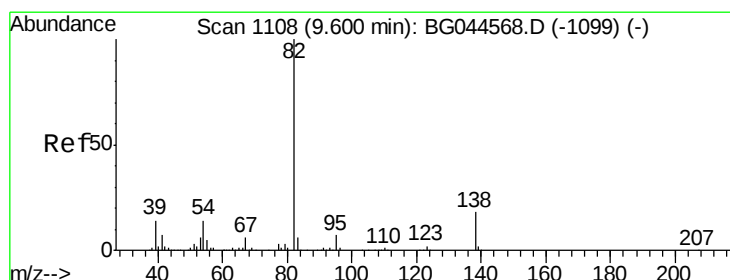
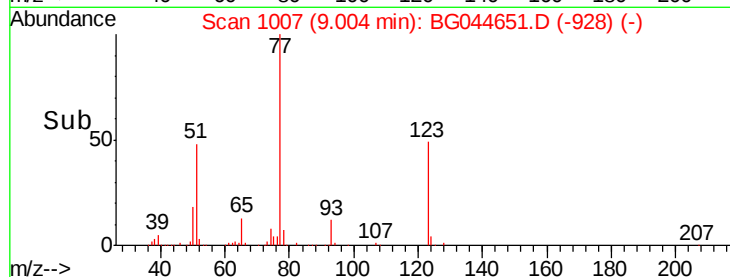
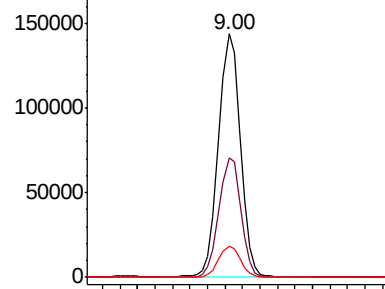
77 100

123 48.8 40.1 60.1

65 13.0 10.4 15.6



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: 48.003 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

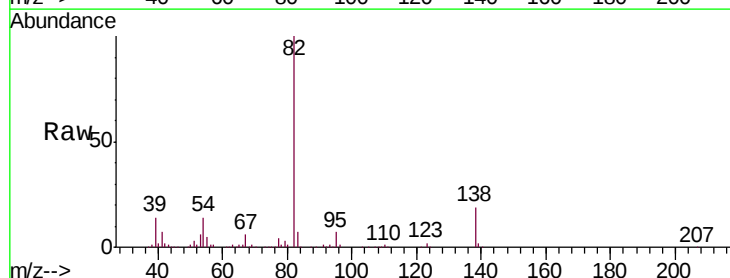
Tgt Ion: 82 Resp: 487497

Ion Ratio Lower Upper

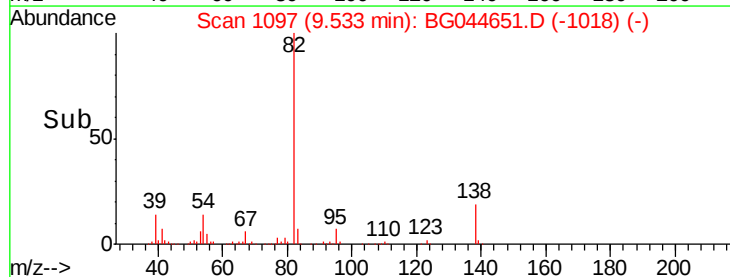
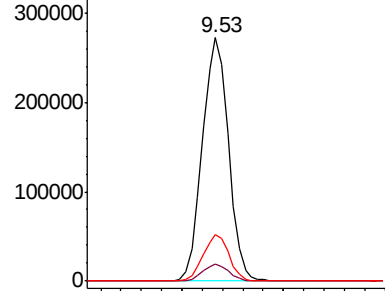
82 100

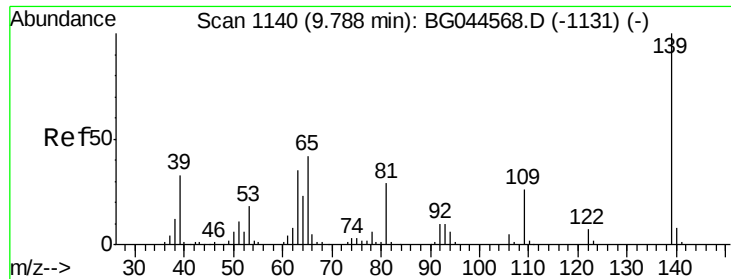
95 7.2 5.6 8.4

138 18.8 14.7 22.1



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

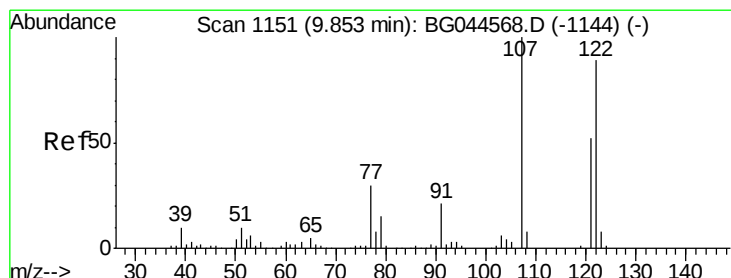
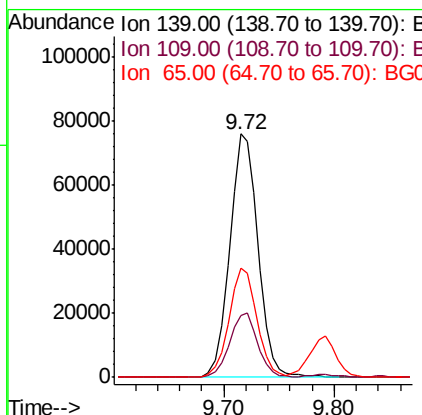
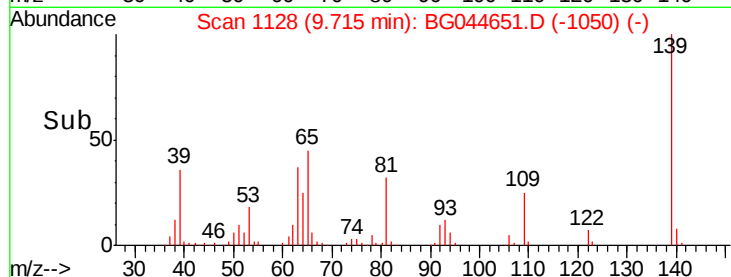
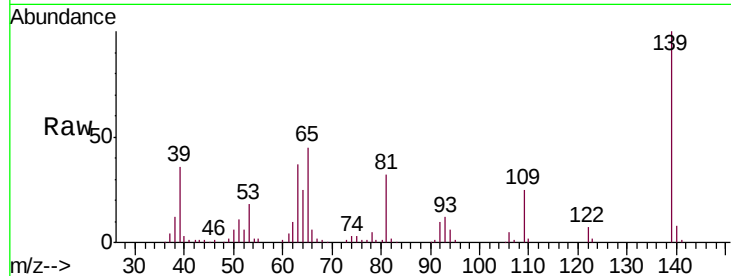




#26
2-Nitrophenol
Concen: 47.808 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

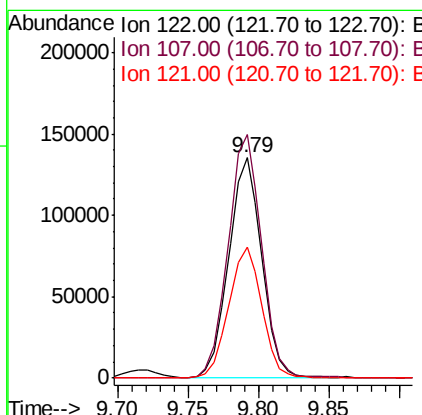
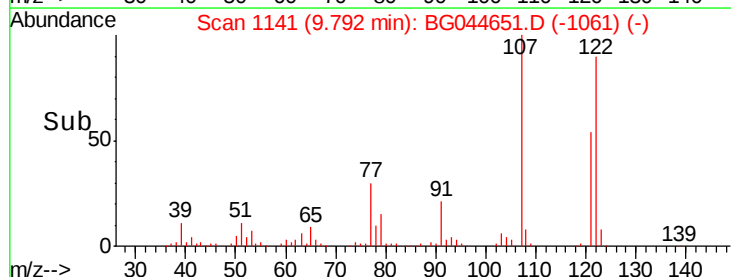
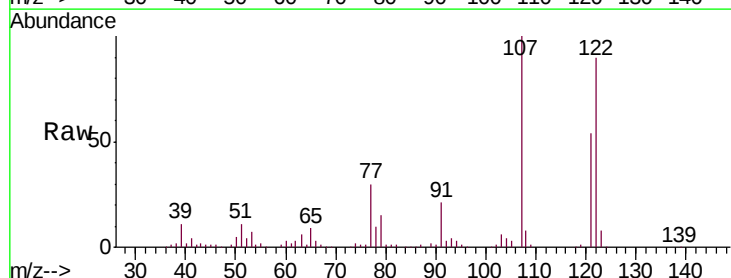
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

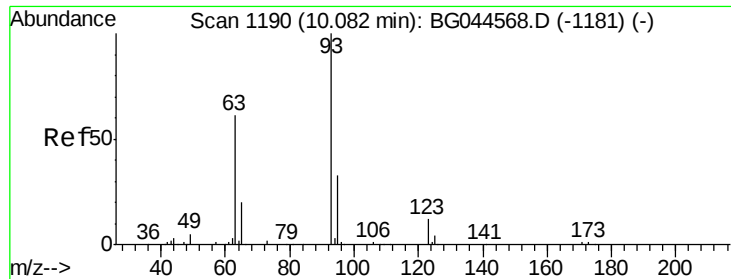
Tgt Ion:139 Resp: 136363
Ion Ratio Lower Upper
139 100
109 25.4 20.6 31.0
65 44.7 33.3 49.9



#27
2,4-Dimethylphenol
Concen: 54.818 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:122 Resp: 219539
Ion Ratio Lower Upper
122 100
107 110.6 89.4 134.0
121 59.3 46.5 69.7

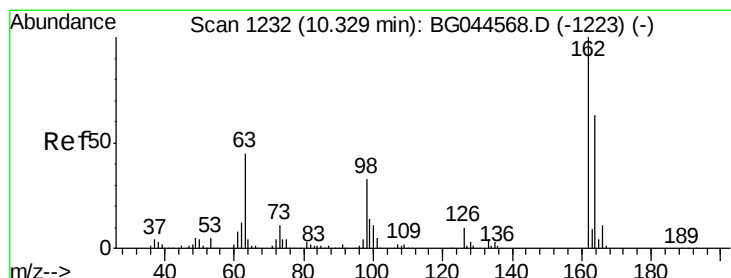
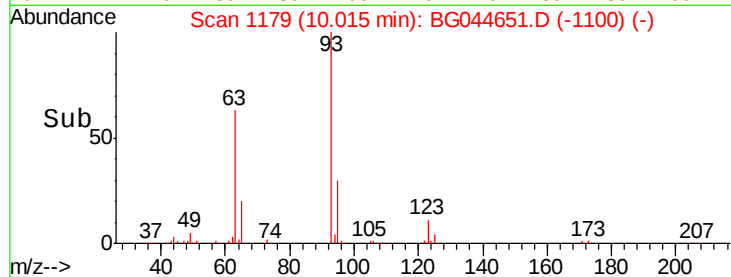
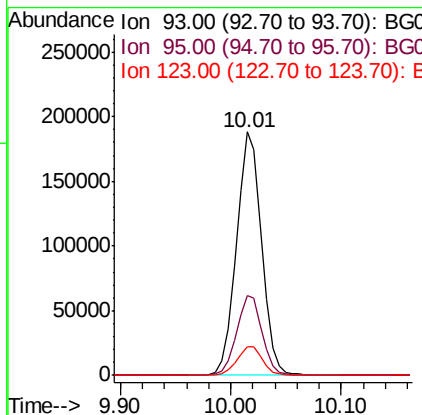
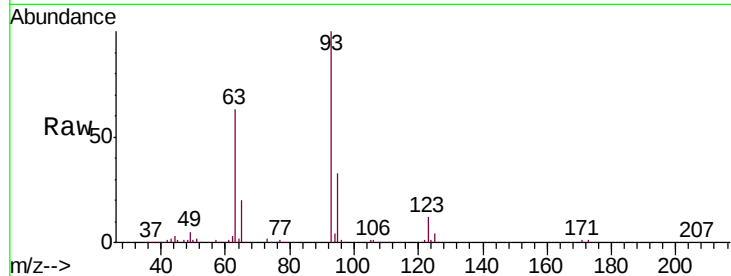




#28
bis(2-Chloroethoxy)methane
Concen: 44.801 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

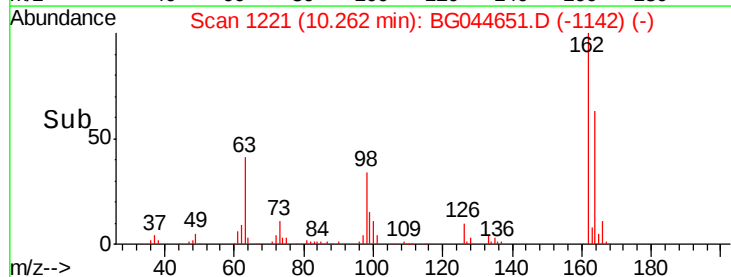
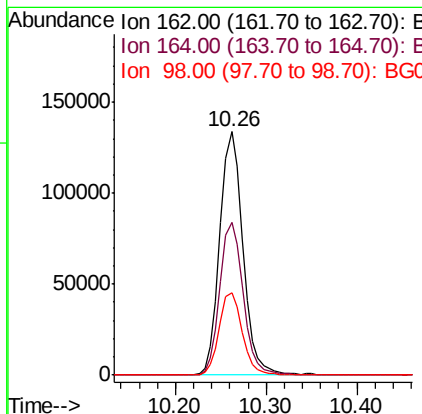
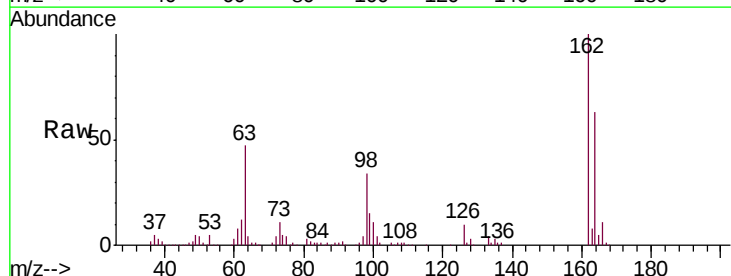
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

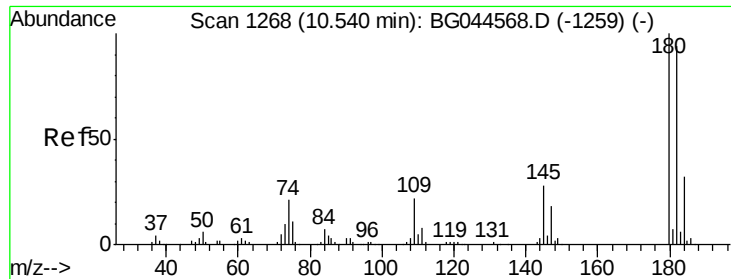
Tgt Ion: 93 Resp: 300875
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.9 9.7 14.5



#29
2,4-Dichlorophenol
Concen: 49.742 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion: 162 Resp: 238167
Ion Ratio Lower Upper
162 100
164 62.5 43.2 83.2
98 33.7 13.2 53.2

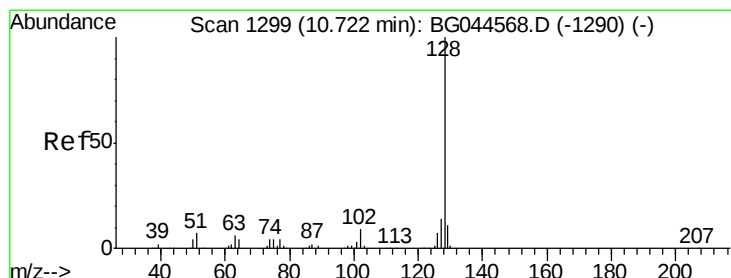
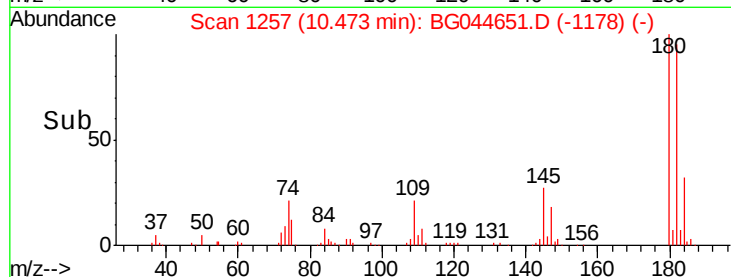
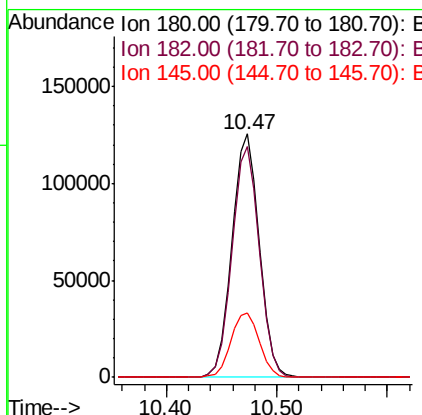
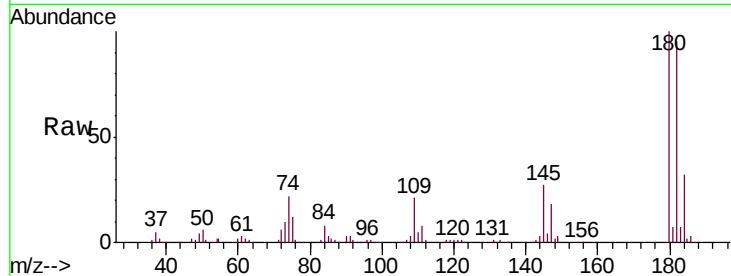




#30
 1,2,4-Trichlorobenzene
 Concen: 39.327 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

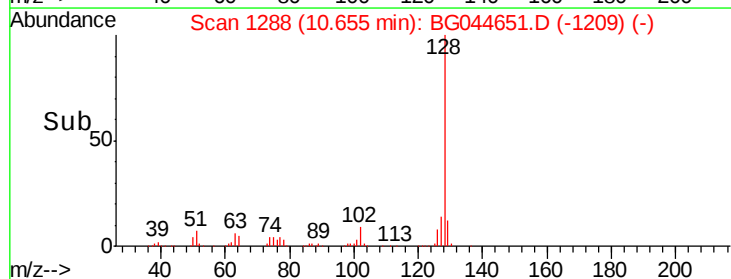
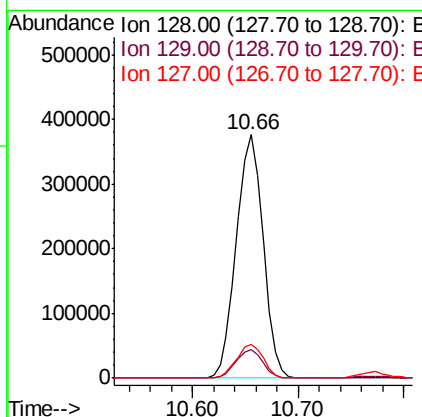
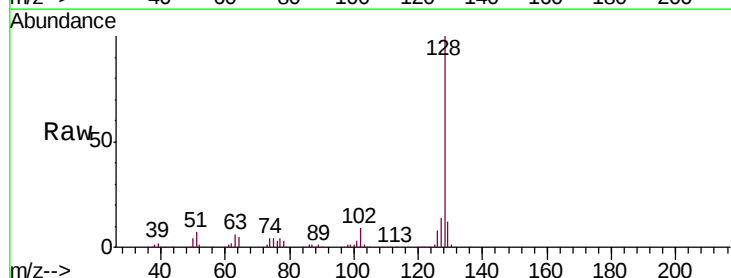
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

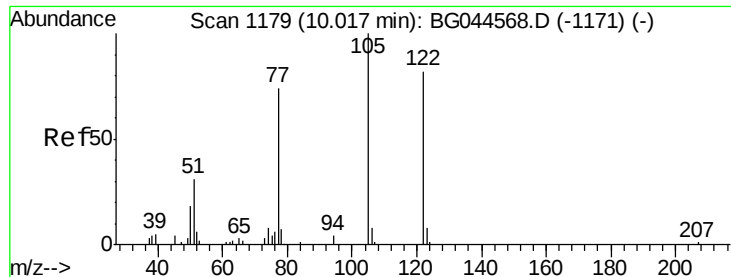
Tgt Ion:180 Resp: 217771
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.6 113.4
 145 26.6 22.2 33.2



#31
 Naphthalene
 Concen: 43.282 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:128 Resp: 660519
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 13.7 11.0 16.4

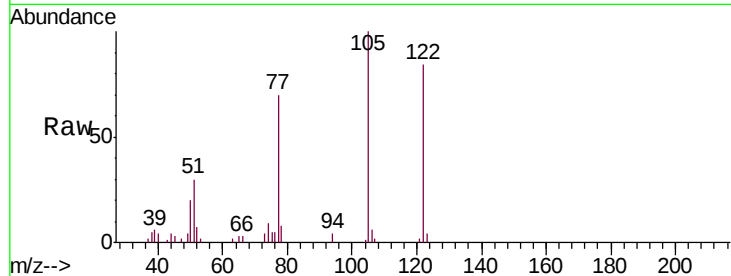




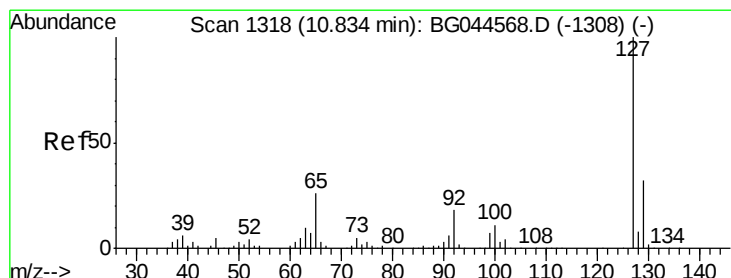
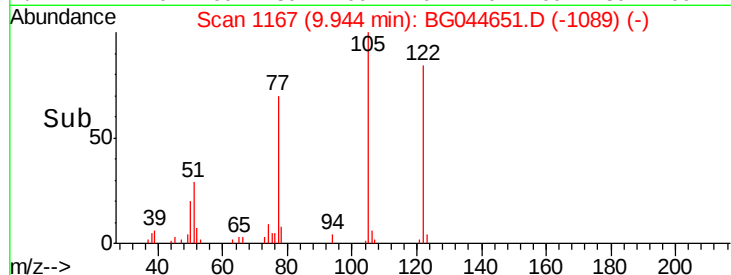
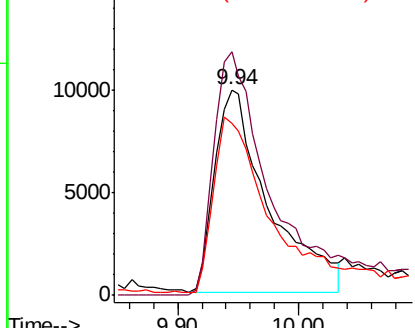
#32
Benzoic acid
Concen: 30.448 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tgt Ion:122 Resp: 30476
Ion Ratio Lower Upper
122 100
105 118.6 101.4 141.4
77 83.4 69.8 109.8

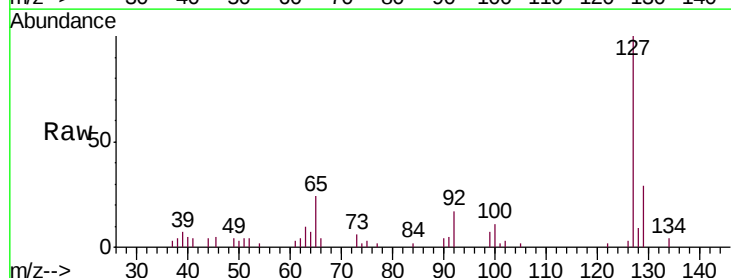


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

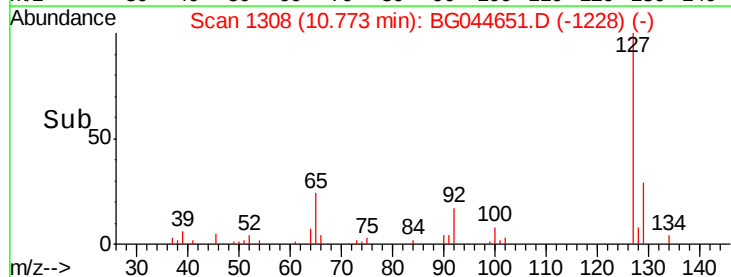
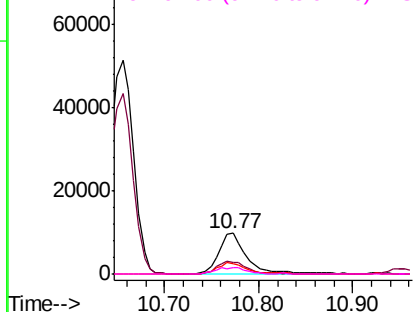


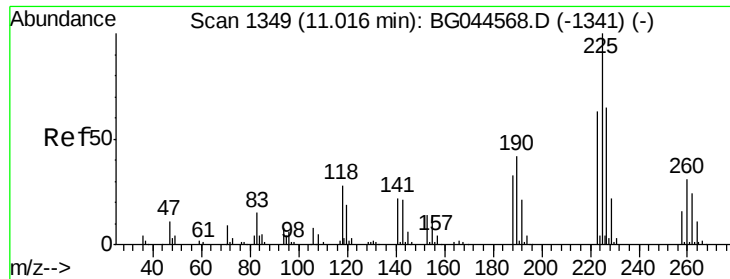
#33
4-Chloroaniline
Concen: 3.031 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:127 Resp: 20374
Ion Ratio Lower Upper
127 100
129 29.3 25.9 38.9
65 24.2 20.7 31.1
92 17.1 14.2 21.2



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

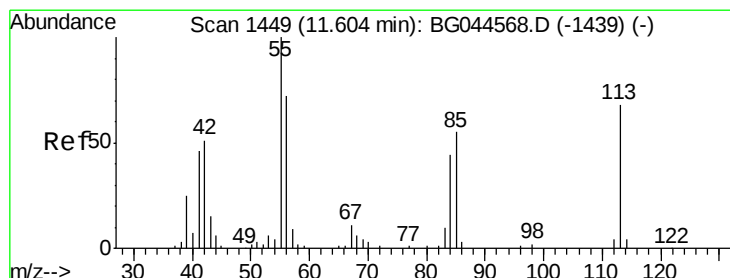
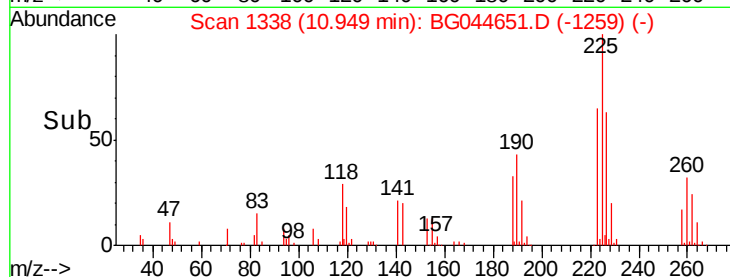
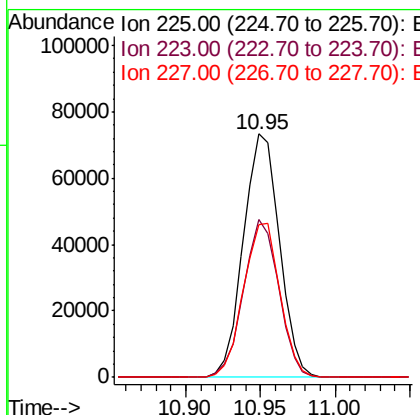
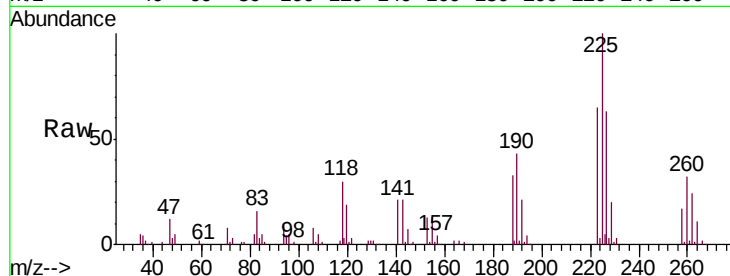




#34
Hexachlorobutadiene
Concen: 35.197 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

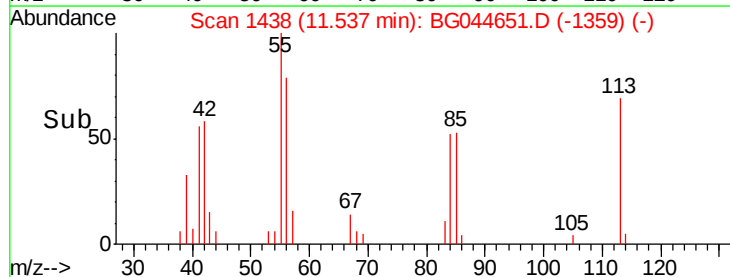
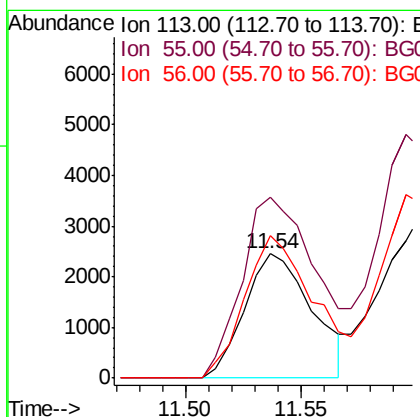
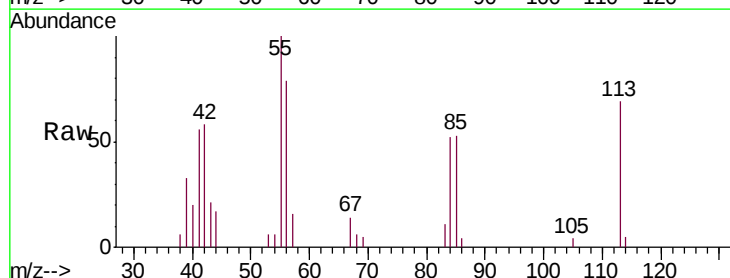
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

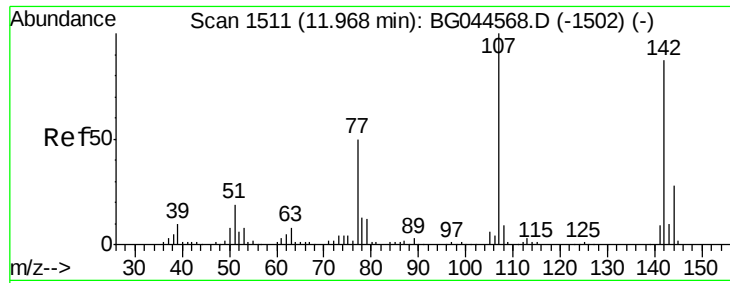
Tgt Ion: 225 Resp: 122396
Ion Ratio Lower Upper
225 100
223 65.1 50.6 76.0
227 62.7 52.1 78.1



#35
Caprolactam
Concen: 2.902 ng
RT: 11.54 min Scan# 1438
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion: 113 Resp: 4974
Ion Ratio Lower Upper
113 100
55 145.3 127.8 167.8
56 114.5 86.9 126.9

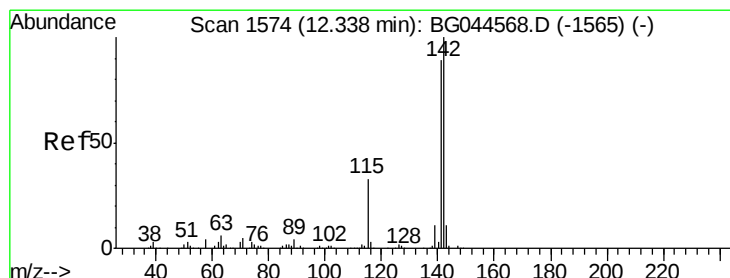
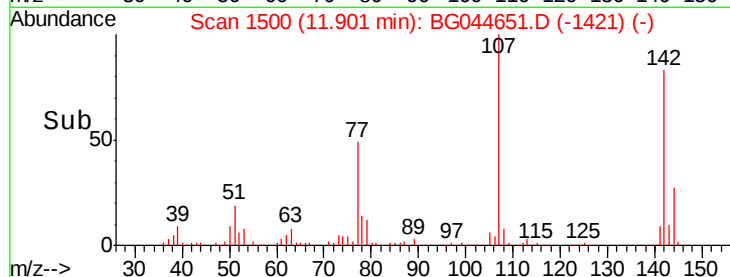
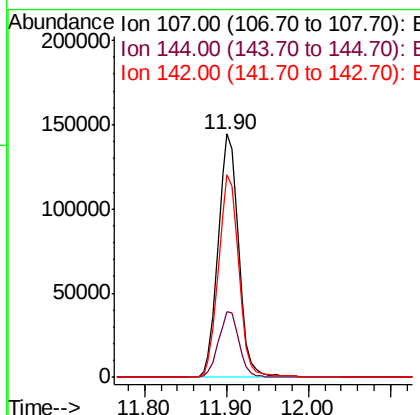
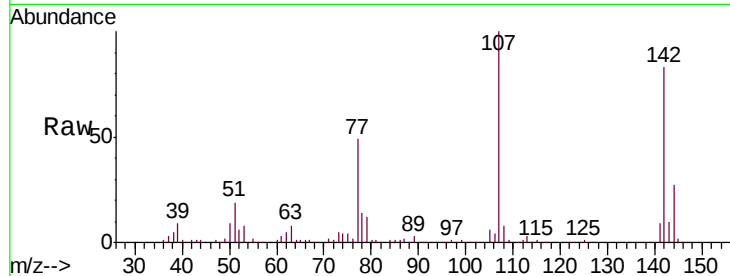




#36
 4-Chloro-3-methylphenol
 Concen: 51.248 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

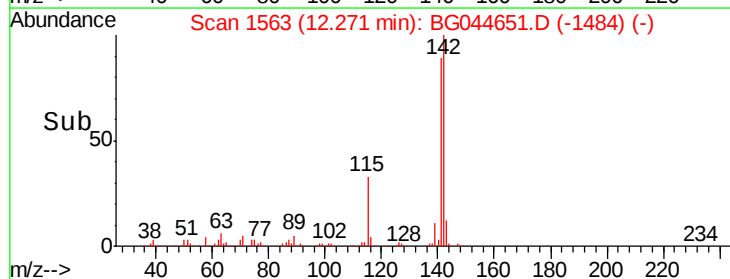
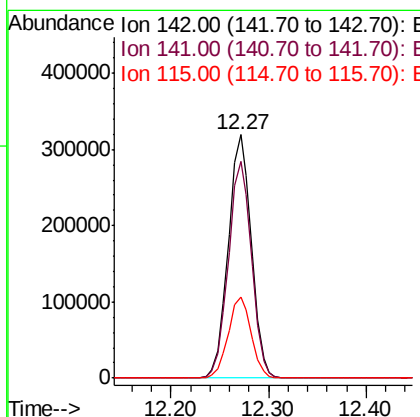
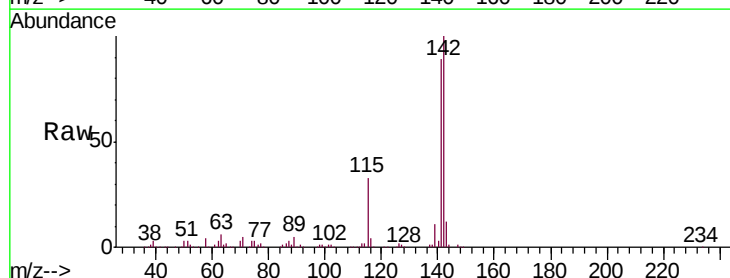
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

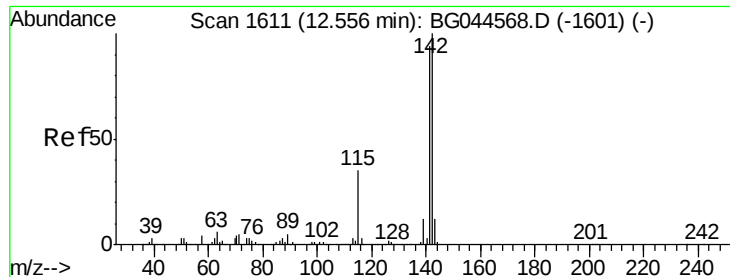
Tgt Ion:107 Resp: 252581
 Ion Ratio Lower Upper
 107 100
 144 26.8 22.3 33.5
 142 83.0 69.3 103.9



#37
 2-Methylnaphthalene
 Concen: 46.318 ng
 RT: 12.27 min Scan# 1563
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:142 Resp: 522404
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 33.5 26.2 39.2

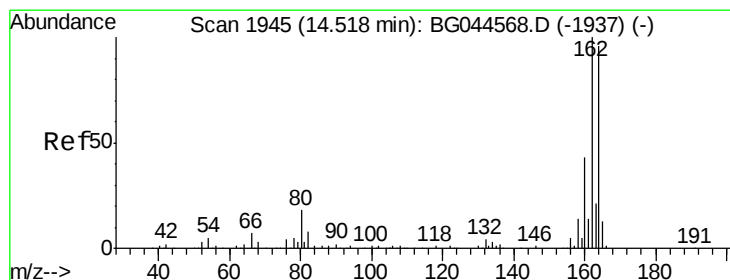
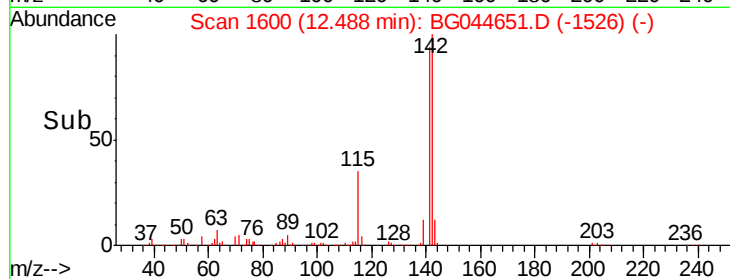
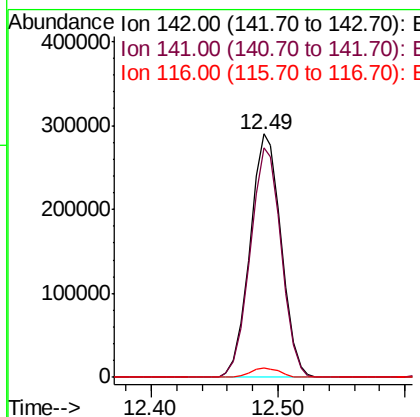
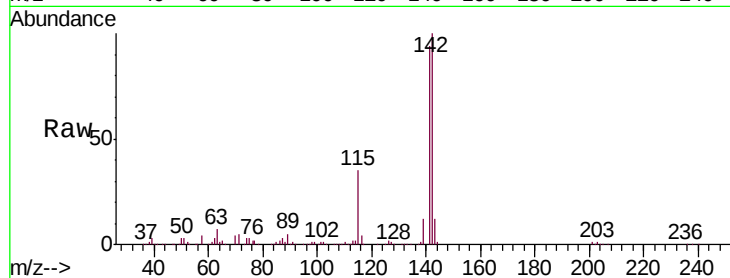




#38
1-Methylnaphthalene
Concen: 46.267 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

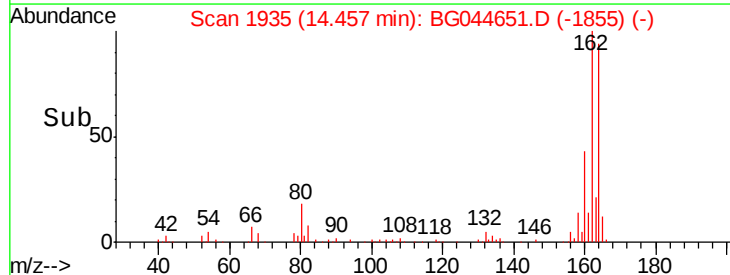
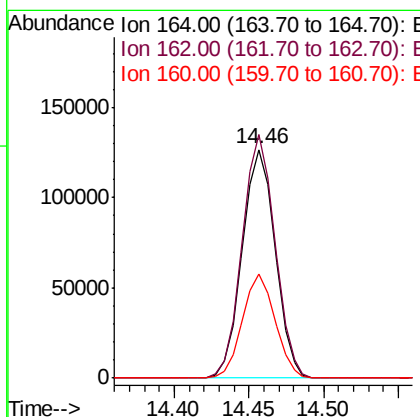
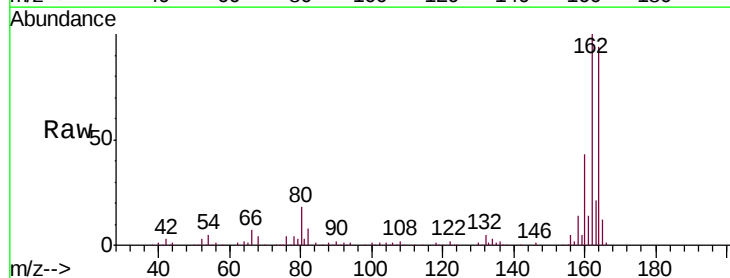
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

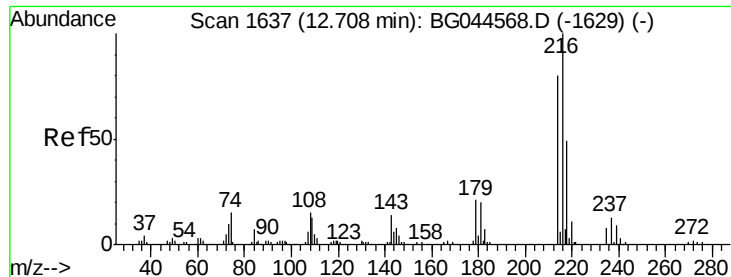
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.1	112.7
116	3.7	2.6	4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.6	125.4
160	45.5	36.2	54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.282 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

Tgt Ion:216 Resp: 269796

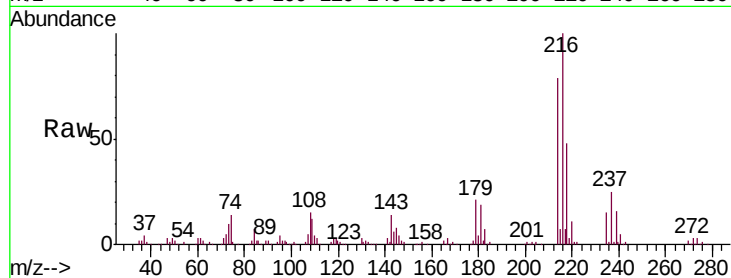
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 20.3 16.2 24.2

108 17.4 12.6 18.8

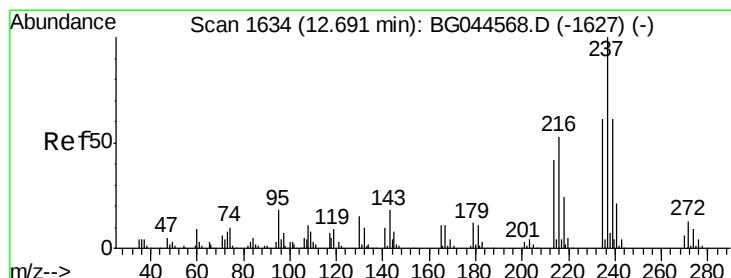
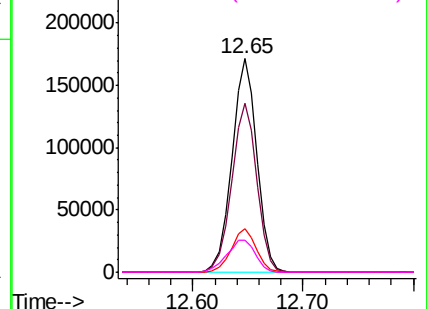
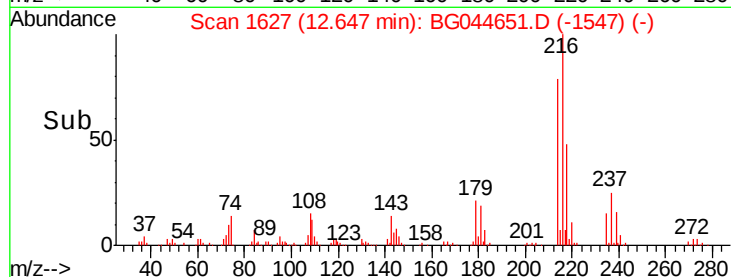


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.883 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

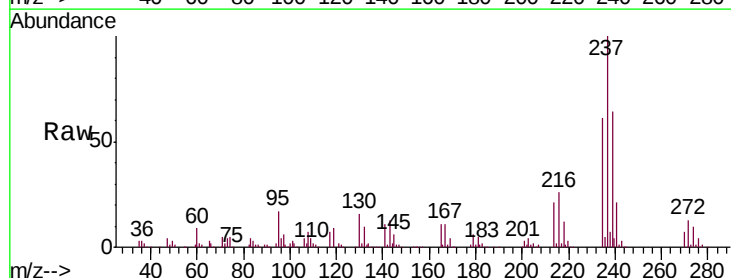
Tgt Ion:237 Resp: 262749

Ion Ratio Lower Upper

237 100

235 60.8 40.7 80.7

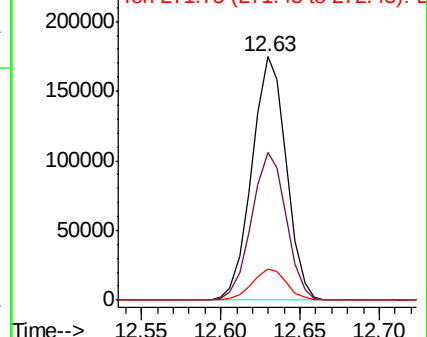
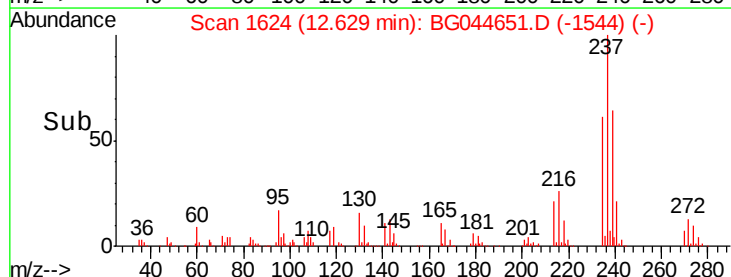
272 12.7 0.0 32.7

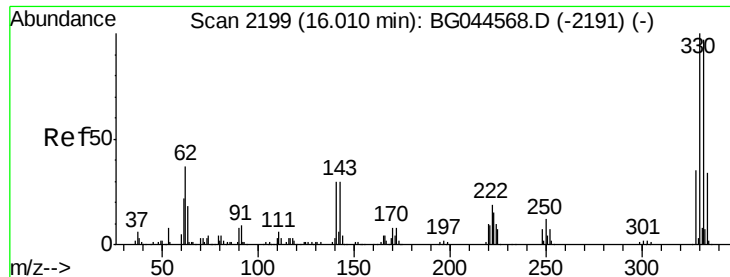


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

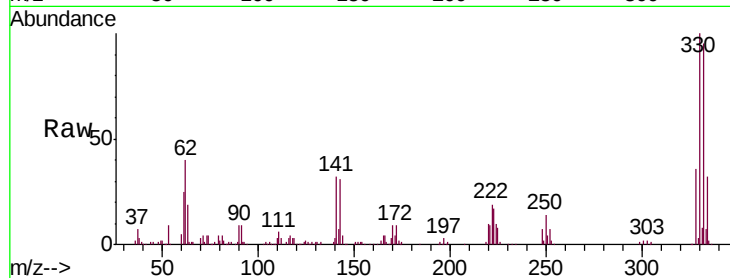




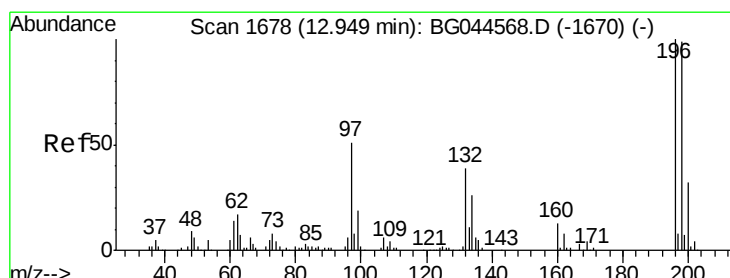
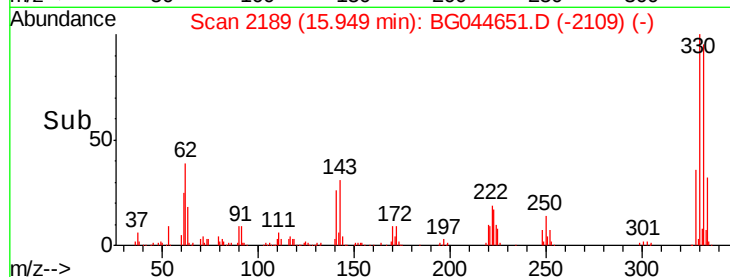
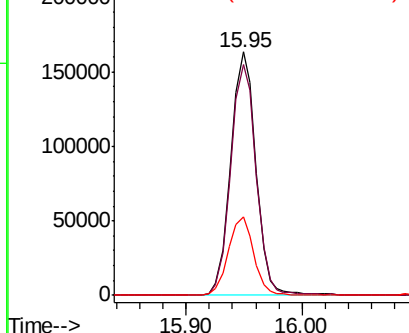
#42
 2,4,6-Tribromophenol
 Concen: 89.836 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:330 Resp: 247287
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 32.6 26.1 39.1

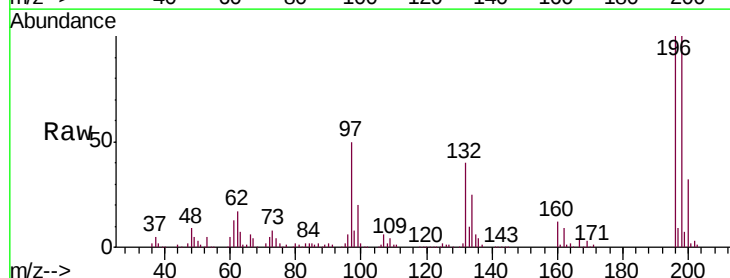


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

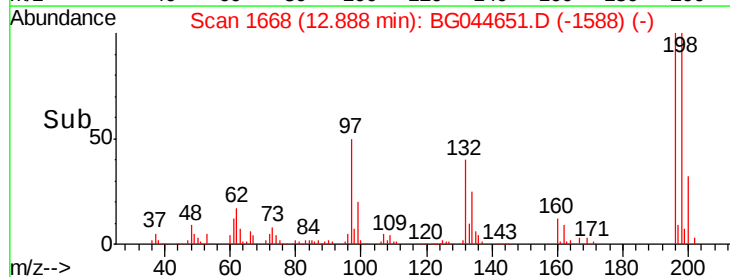
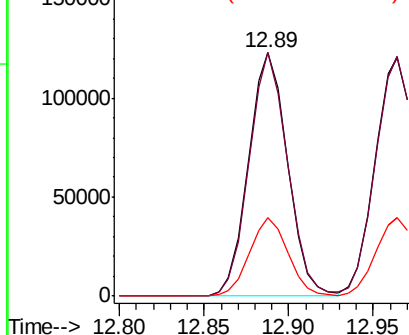


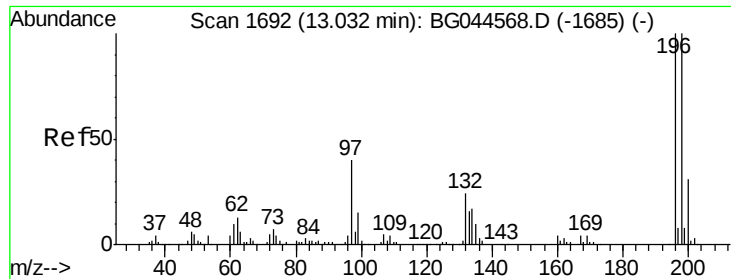
#43
 2,4,6-Trichlorophenol
 Concen: 46.610 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:196 Resp: 197794
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.2 118.8
 200 32.1 25.7 38.5



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

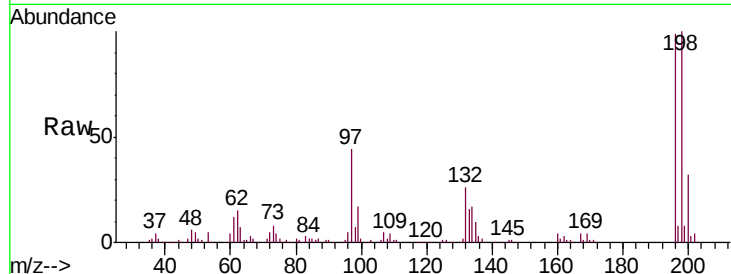




#44
 2,4,5-Trichlorophenol
 Concen: 48.852 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.3	118.9
97	44.2	32.3	48.5
132	26.0	19.1	28.7



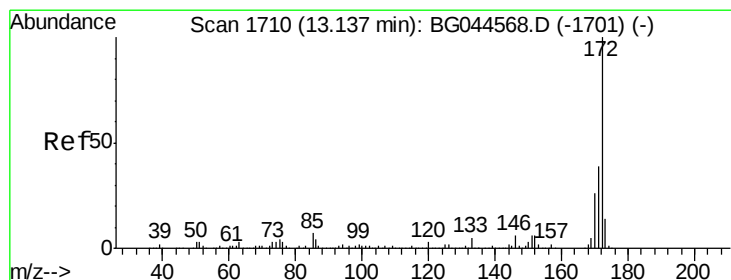
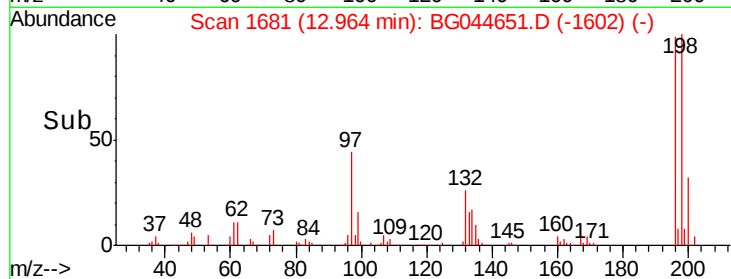
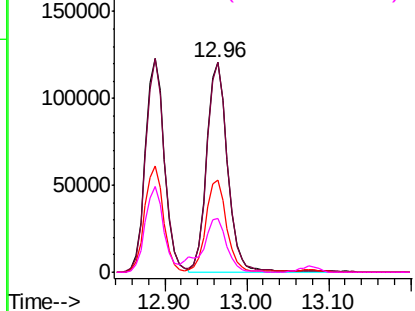
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

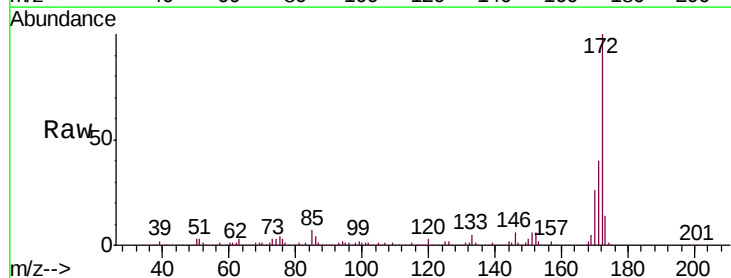
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.436 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	26.4	21.0	31.4

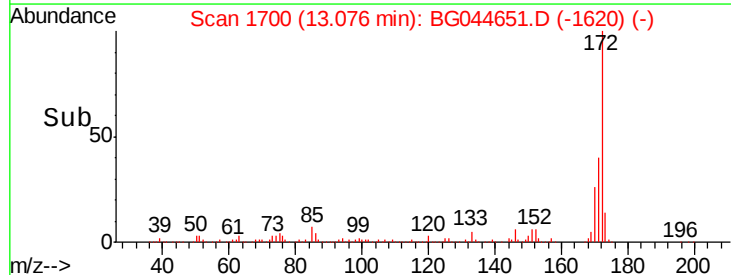
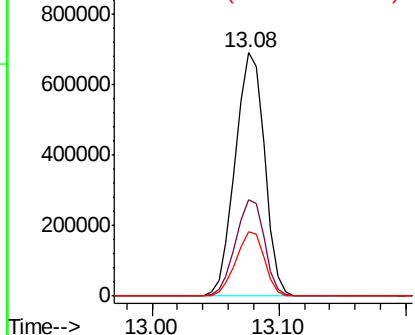


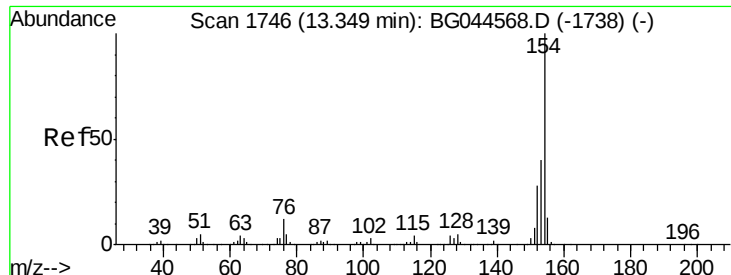
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

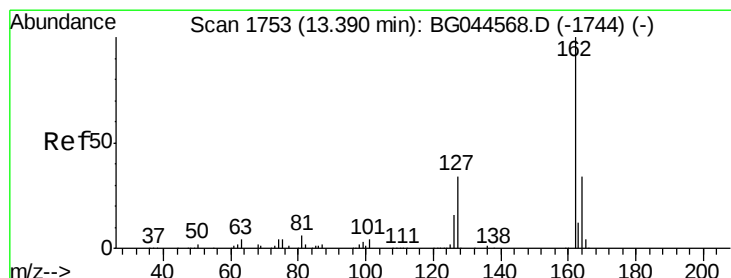
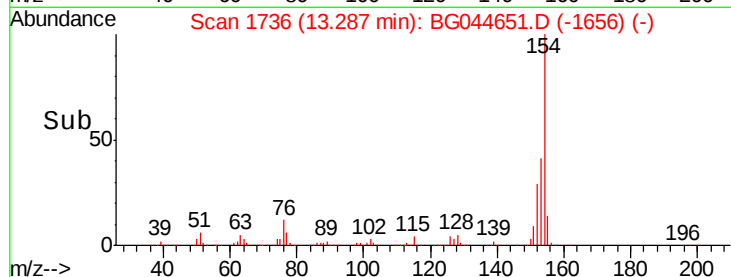
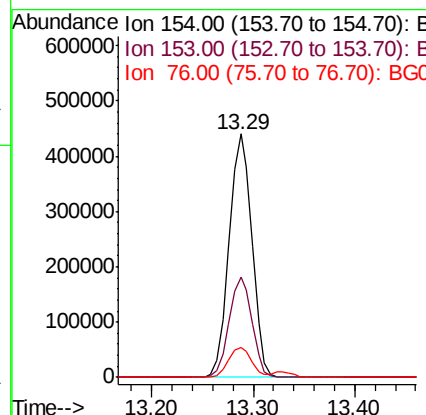
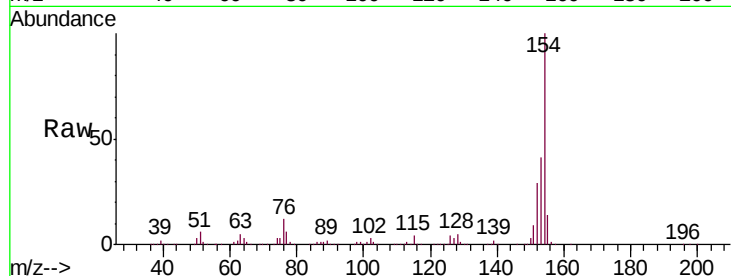




#46
 1,1'-Biphenyl
 Concen: 42.698 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

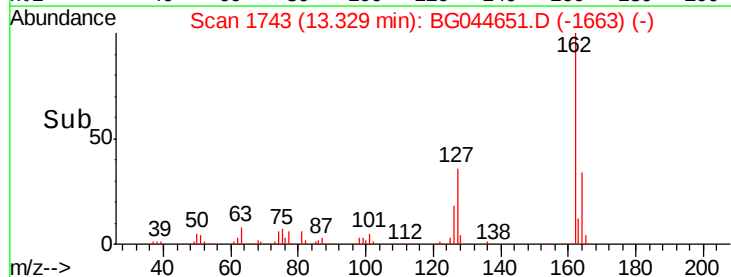
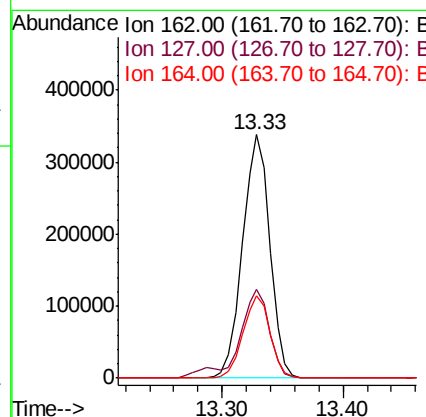
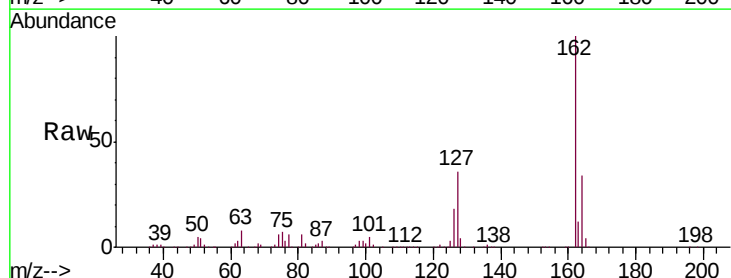
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

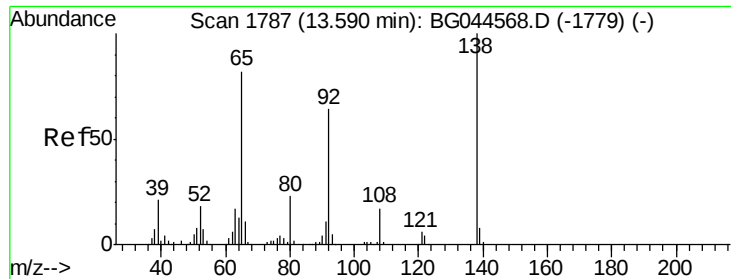
Tgt Ion:154 Resp: 685957
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.2 60.2
 76 12.2 0.0 31.8



#47
 2-Chloronaphthalene
 Concen: 42.257 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:162 Resp: 532344
 Ion Ratio Lower Upper
 162 100
 127 36.4 28.7 43.1
 164 33.7 27.3 40.9





#48

2-Nitroaniline

Concen: 45.738 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

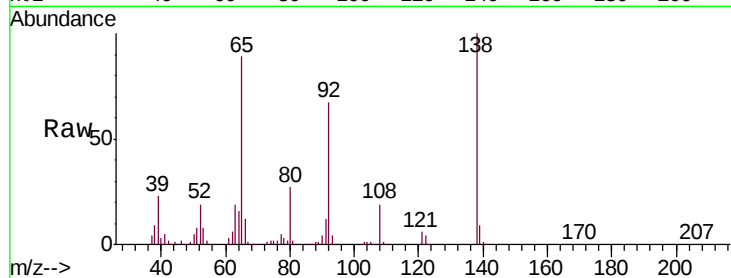
Tgt Ion: 65 Resp: 159945

Ion Ratio Lower Upper

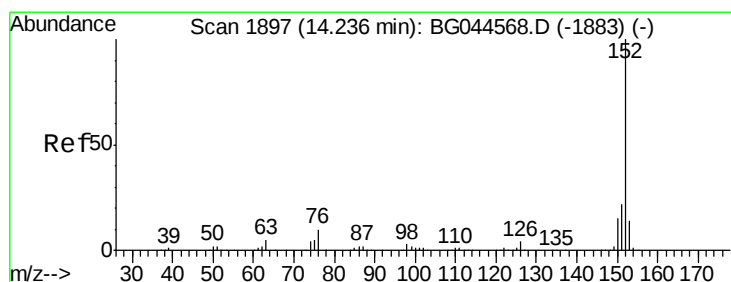
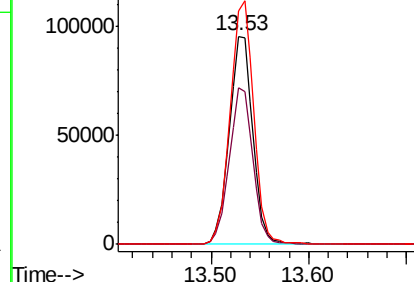
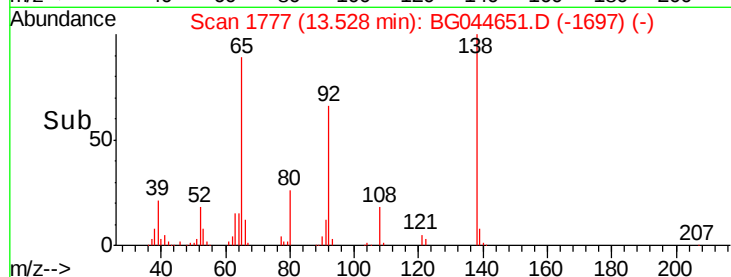
65 100

92 75.1 62.2 93.2

138 112.1 97.6 146.4



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



#49

Acenaphthylene

Concen: 45.521 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

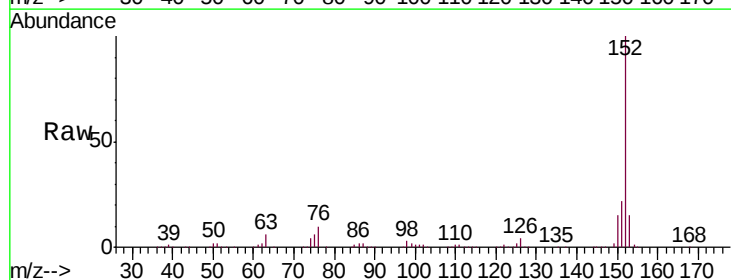
Tgt Ion: 152 Resp: 846502

Ion Ratio Lower Upper

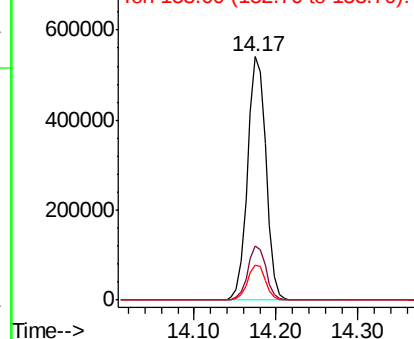
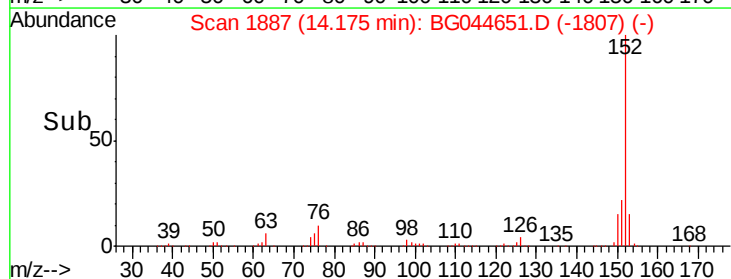
152 100

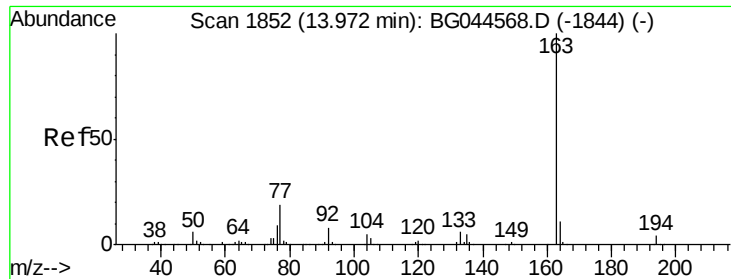
151 22.1 17.7 26.5

153 14.6 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 45.263 ng

RT: 13.92 min Scan# 1843

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

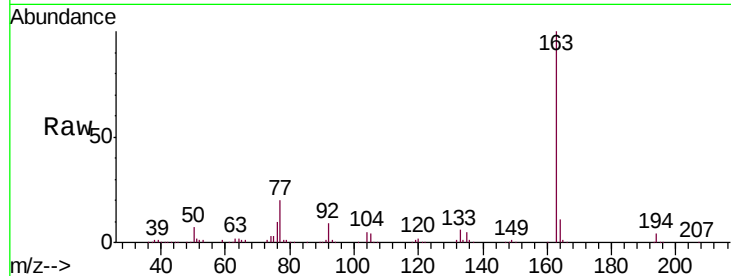
Tgt Ion:163 Resp: 709227

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

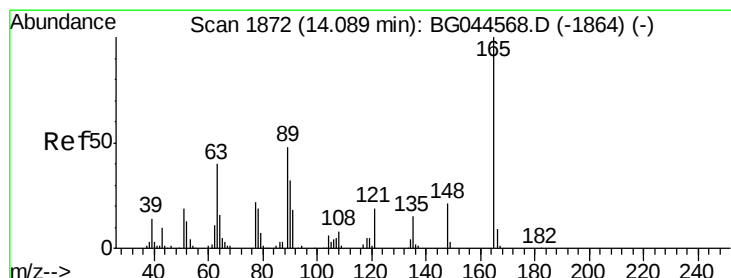
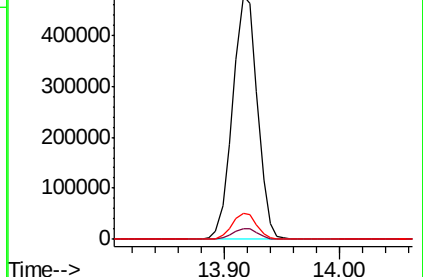
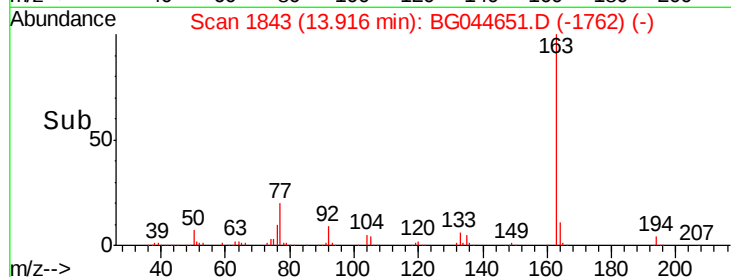
164 10.9 8.7 13.1



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: 47.351 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

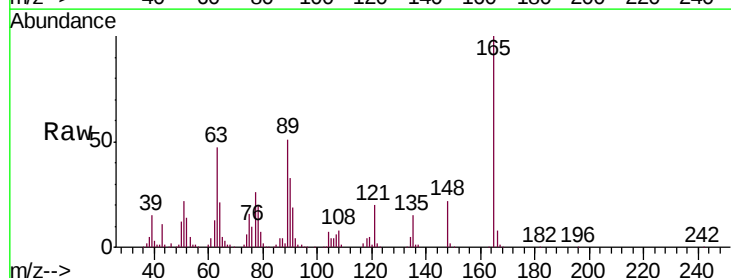
Tgt Ion:165 Resp: 163633

Ion Ratio Lower Upper

165 100

63 47.2 35.8 53.6

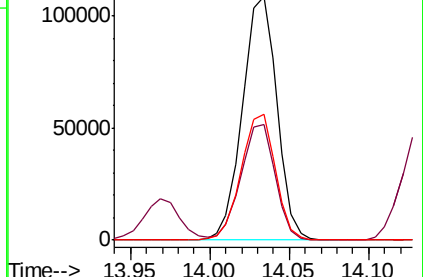
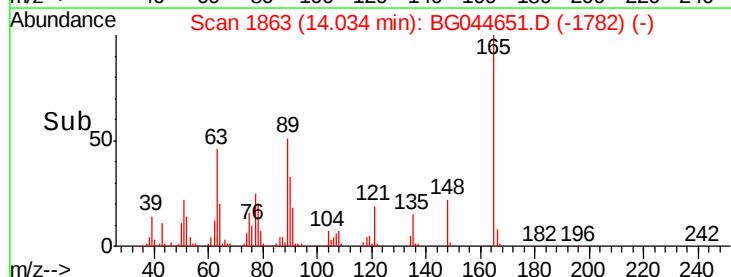
89 51.4 38.7 58.1

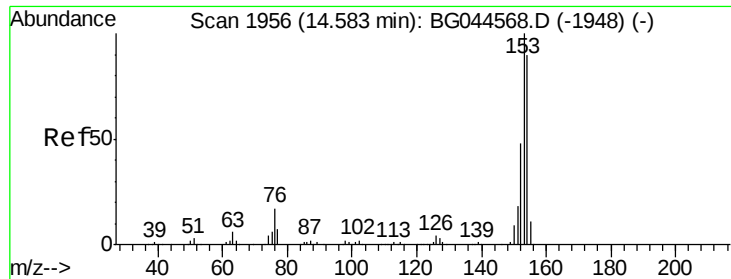


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 44.637 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

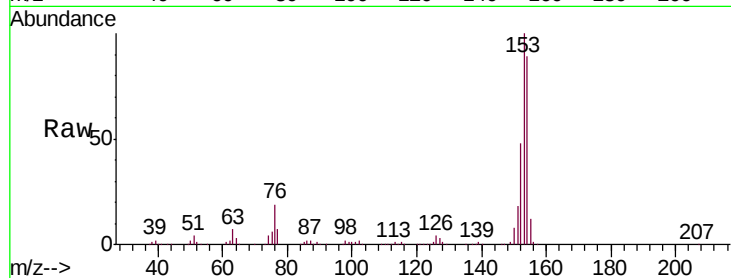
Tgt Ion:154 Resp: 529125

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.0

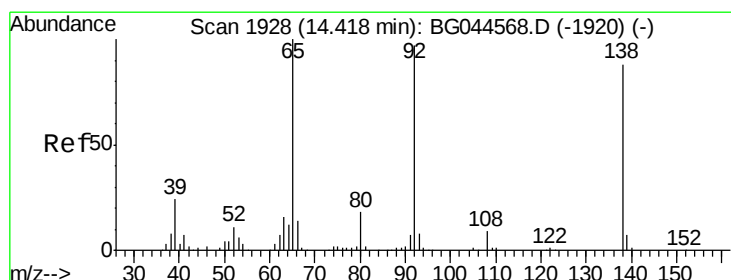
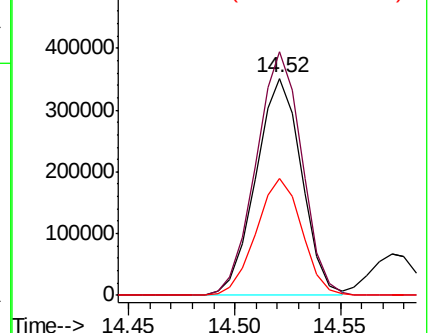
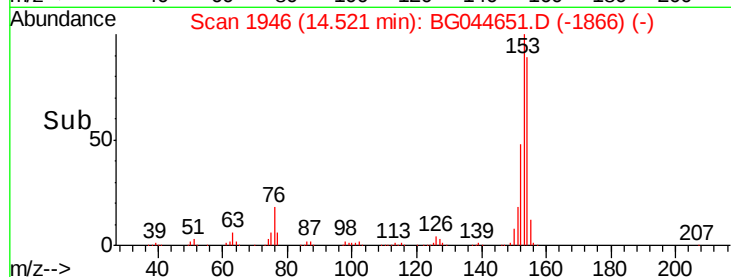
152 53.8 43.0 64.4



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: 16.139 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

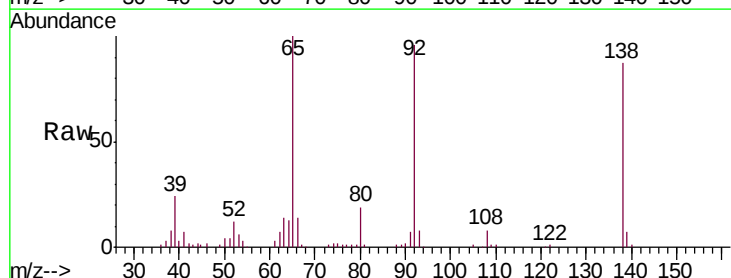
Tgt Ion:138 Resp: 60148

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

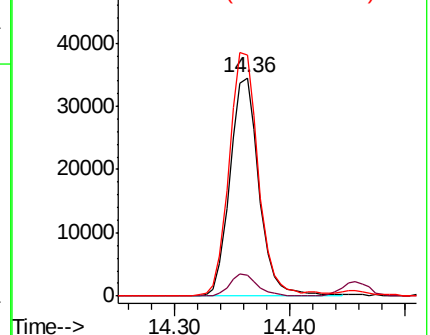
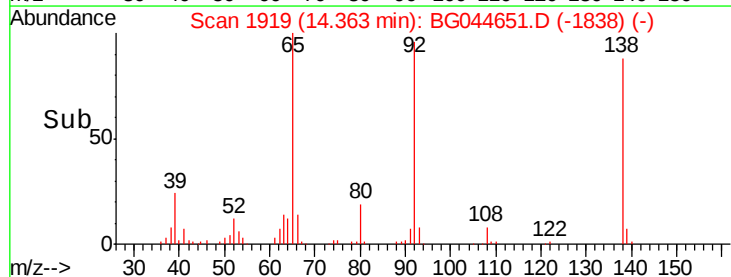
92 110.3 87.4 131.2

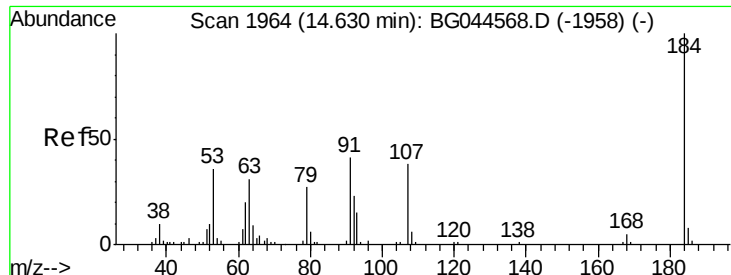


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

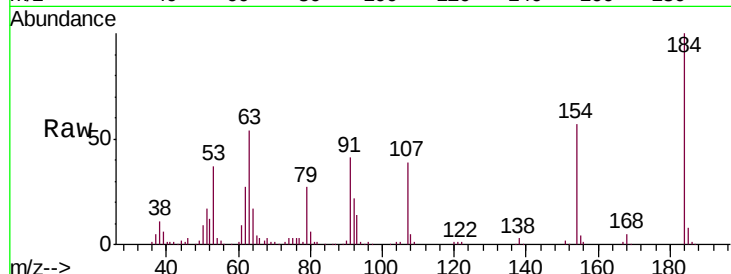




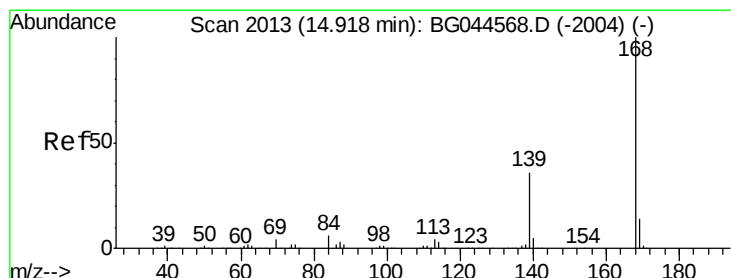
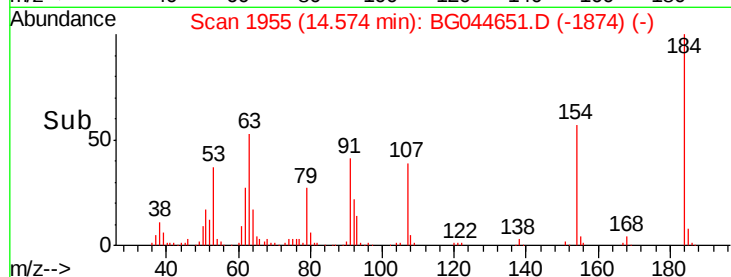
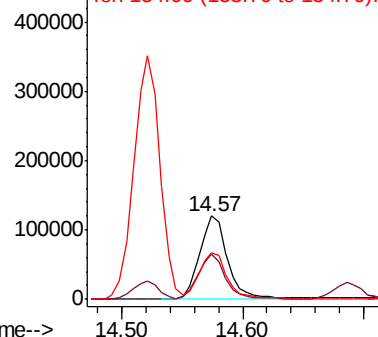
#54
2,4-Dinitrophenol
Concen: 92.863 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.05 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tgt Ion:184 Resp: 194711
Ion Ratio Lower Upper
184 100
63 53.8 42.1 63.1
154 56.7 43.4 65.2

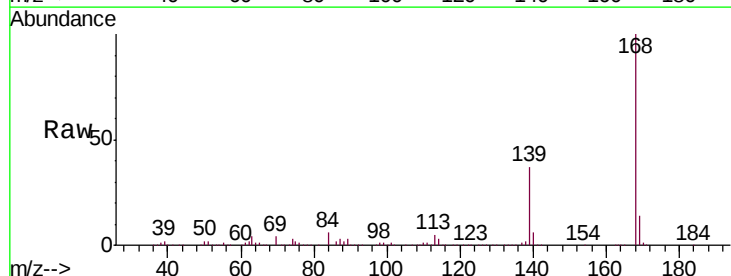


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

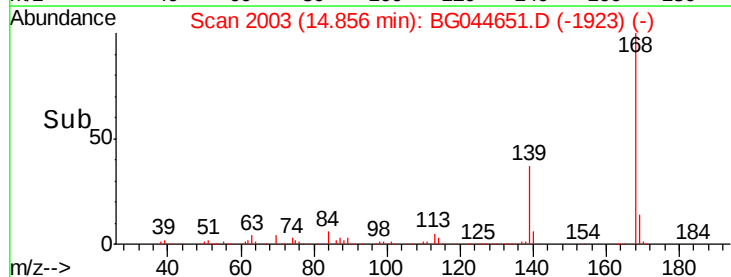
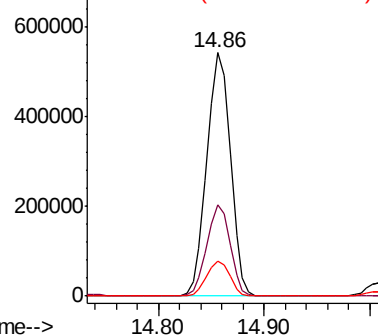


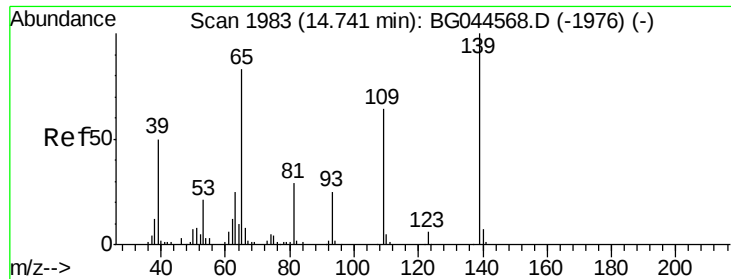
#55
Dibenzofuran
Concen: 45.999 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:168 Resp: 835926
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8
169 14.3 11.0 16.6



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

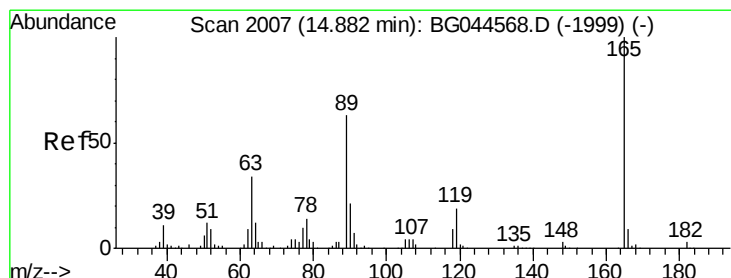
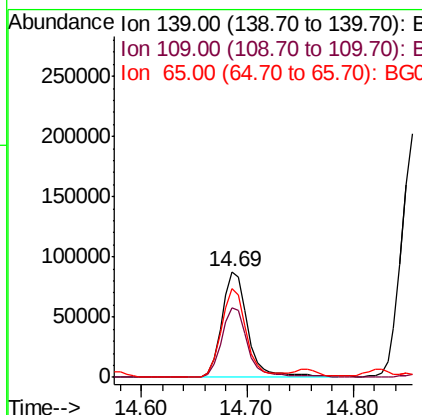
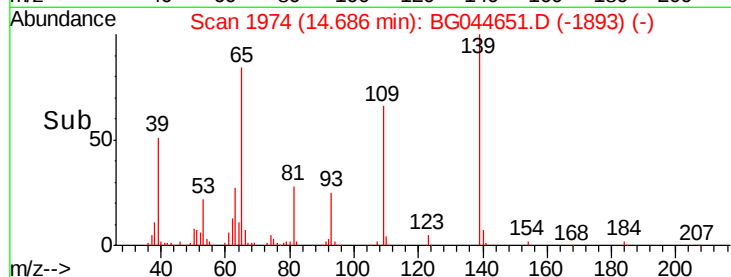
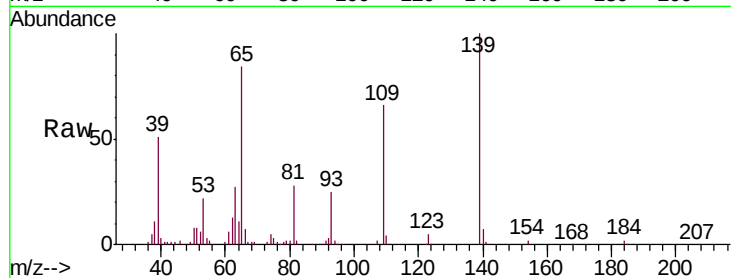




#56
4-Nitrophenol
Concen: 58.658 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

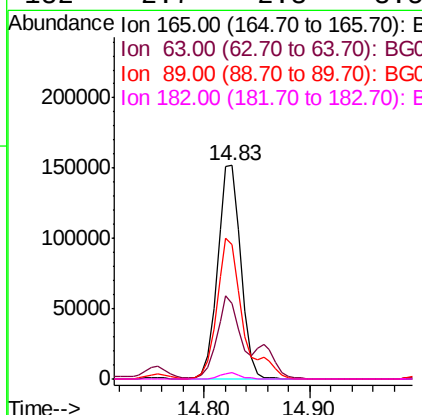
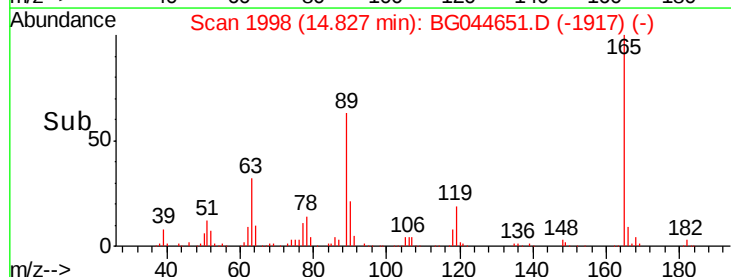
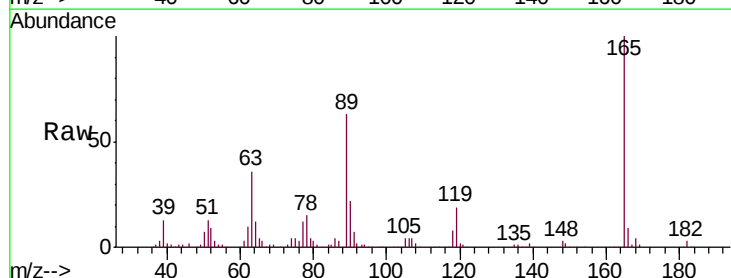
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

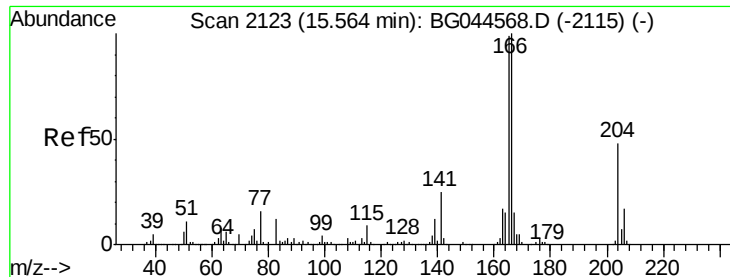
Tgt Ion:139 Resp: 150378
Ion Ratio Lower Upper
139 100
109 66.2 43.8 83.8
65 84.2 63.6 103.6



#57
2,4-Dinitrotoluene
Concen: 47.762 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:165 Resp: 232050
Ion Ratio Lower Upper
165 100
63 35.6 27.5 41.3
89 63.0 50.0 75.0
182 2.7 2.3 3.5





#58

Fluorene

Concen: 46.353 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

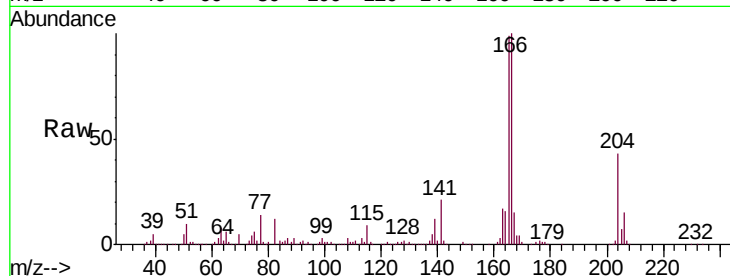
Tgt Ion:166 Resp: 667894

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

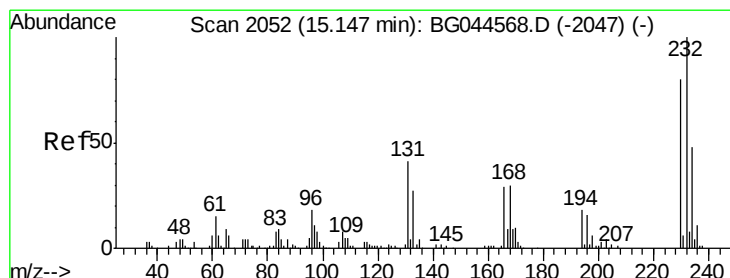
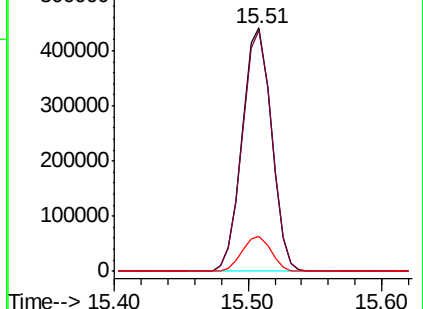
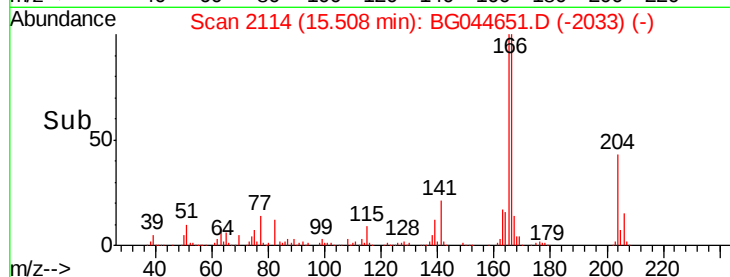
167 14.6 11.7 17.5



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: 49.914 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion:232 Resp: 200369

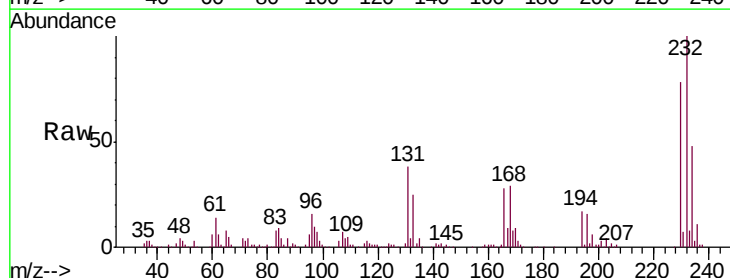
Ion Ratio Lower Upper

232 100

131 39.0 31.8 47.6

130 2.1 1.8 2.6

166 28.8 22.7 34.1

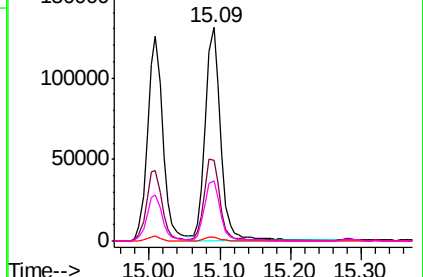
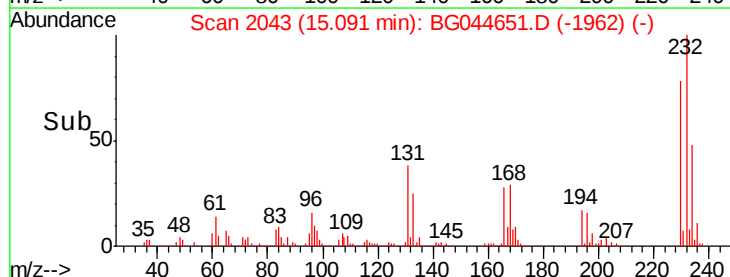


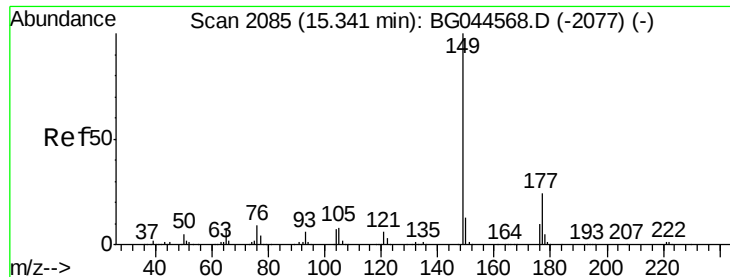
Abundance Ion 232.00 (231.70 to 232.70): E

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

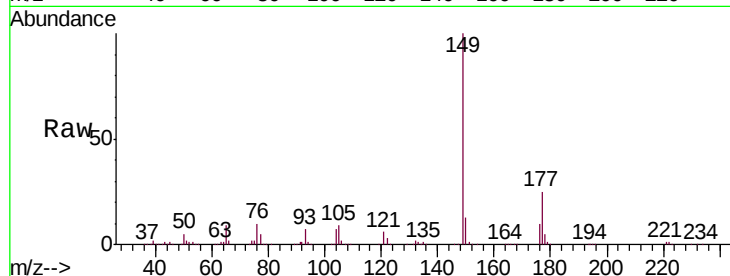




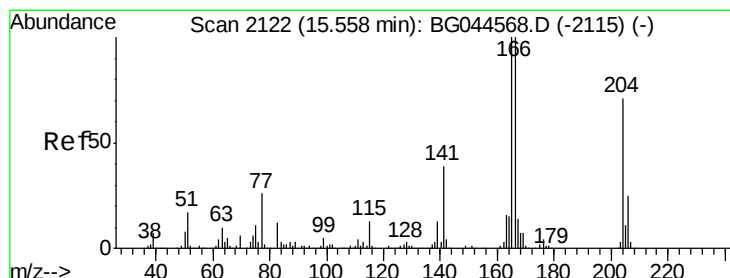
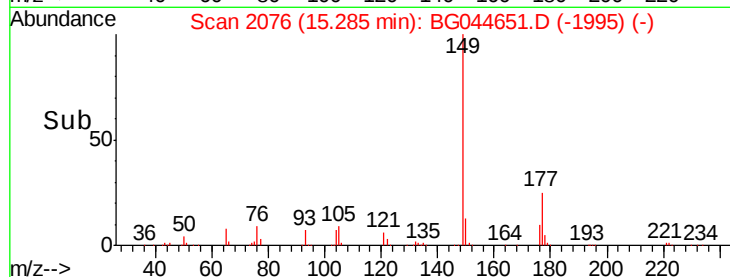
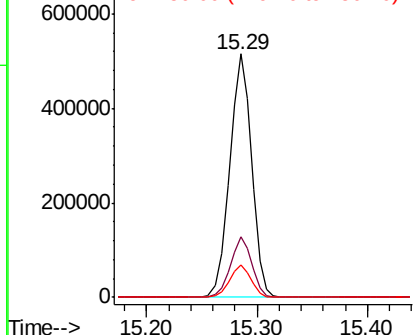
#60
Diethylphthalate
Concen: 46.046 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tgt Ion:149 Resp: 714876
Ion Ratio Lower Upper
149 100
177 24.8 19.2 28.8
150 13.1 10.2 15.4

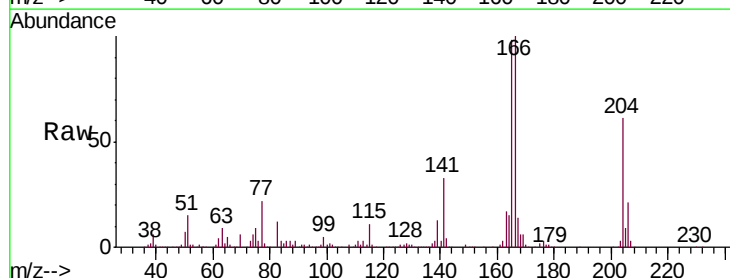


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

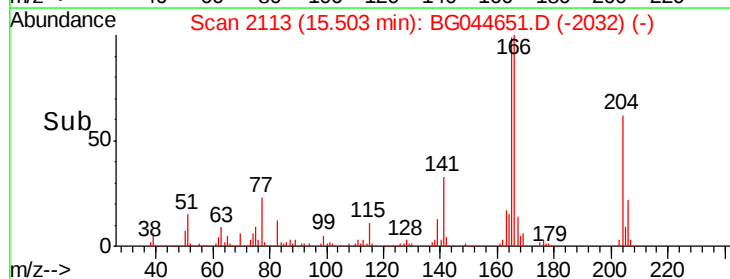
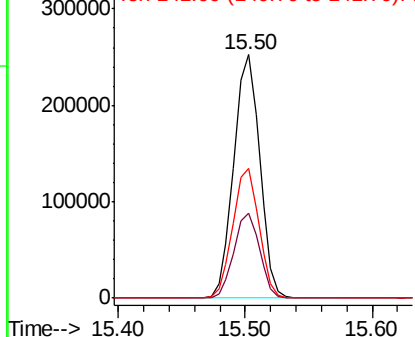


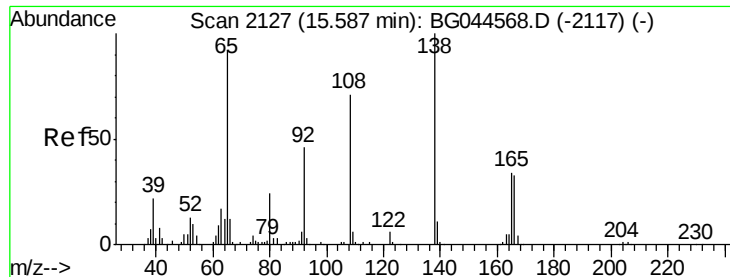
#61
4-Chlorophenyl-phenylether
Concen: 45.589 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:204 Resp: 357166
Ion Ratio Lower Upper
204 100
206 34.8 27.8 41.8
141 53.2 43.8 65.8



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





#62

4-Nitroaniline

Concen: 39.606 ng

RT: 15.53 min Scan# 2117

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

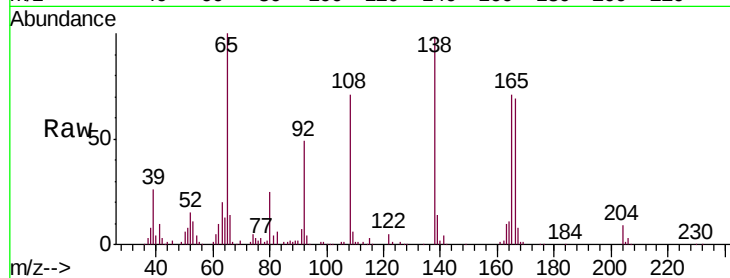
Tgt Ion:138 Resp: 147803

Ion Ratio Lower Upper

138 100

92 50.0 26.4 66.4

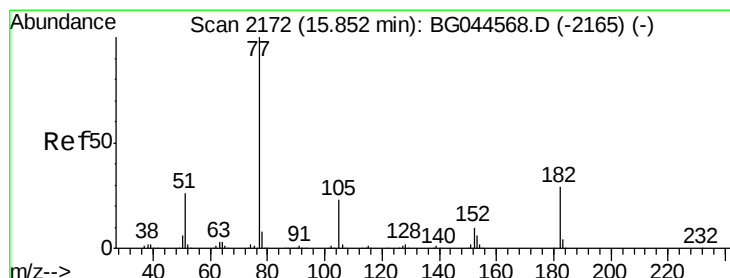
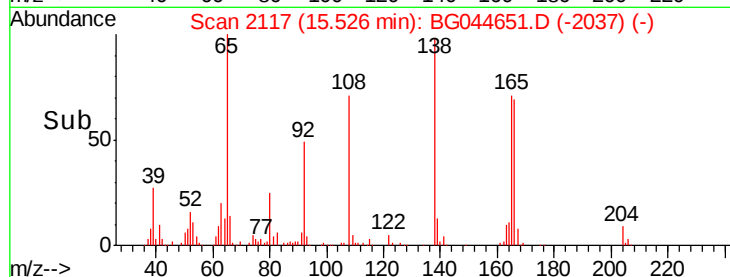
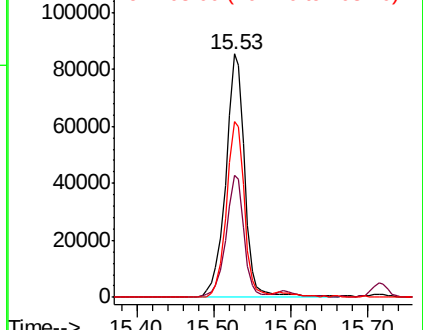
108 72.3 50.5 90.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 47.701 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion: 77 Resp: 630263

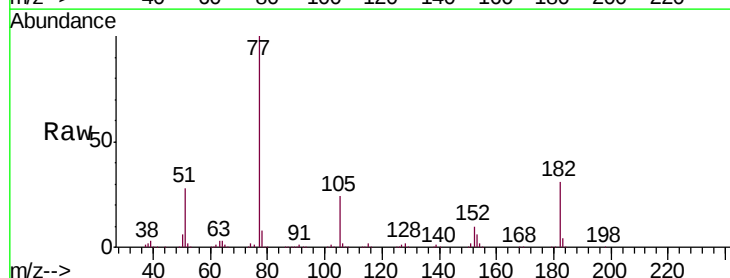
Ion Ratio Lower Upper

77 100

182 30.7 9.4 49.4

105 23.9 3.4 43.4

51 28.0 6.4 46.4

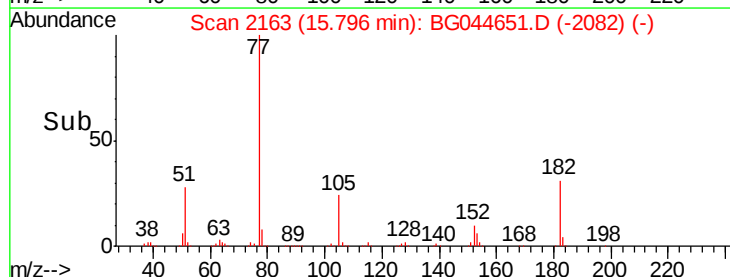
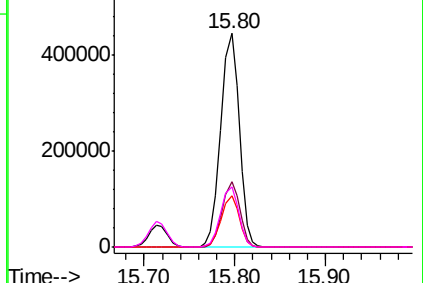


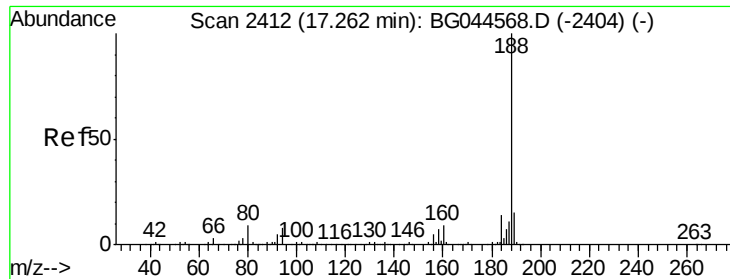
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

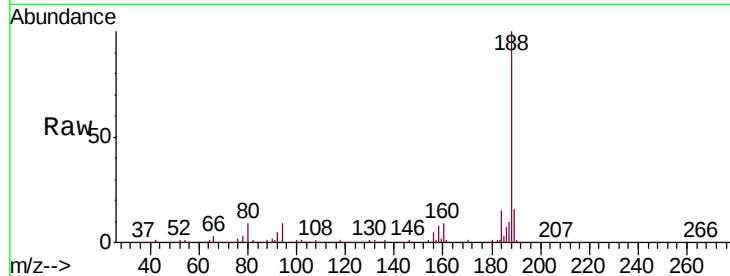




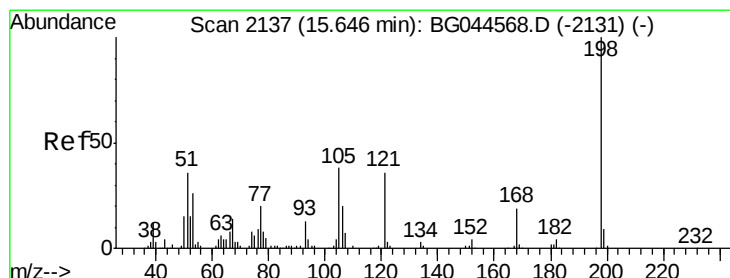
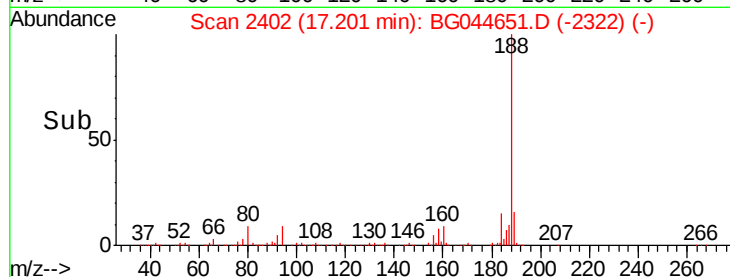
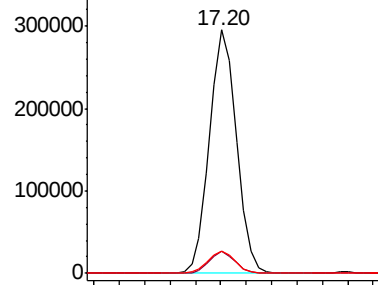
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tgt Ion:188 Resp: 435330
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.3 7.6 11.4

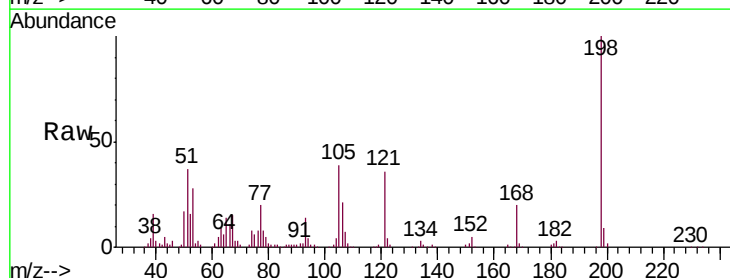


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

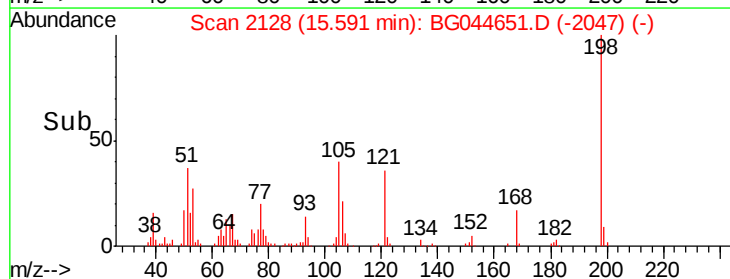
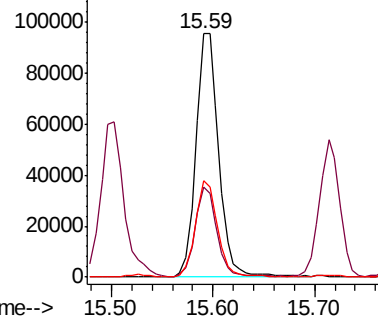


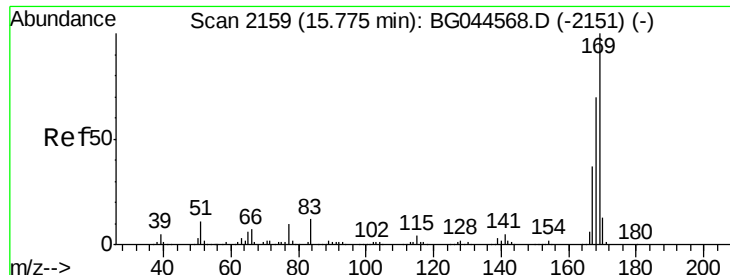
#65
4,6-Dinitro-2-methylphenol
Concen: 55.079 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:198 Resp: 148466
Ion Ratio Lower Upper
198 100
51 37.1 17.0 57.0
105 39.4 18.4 58.4



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

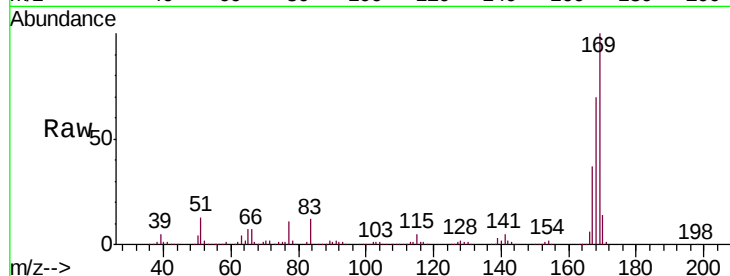




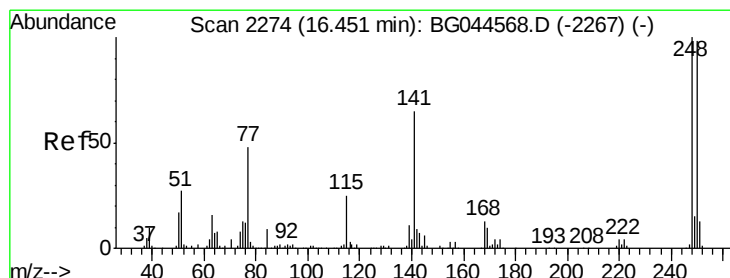
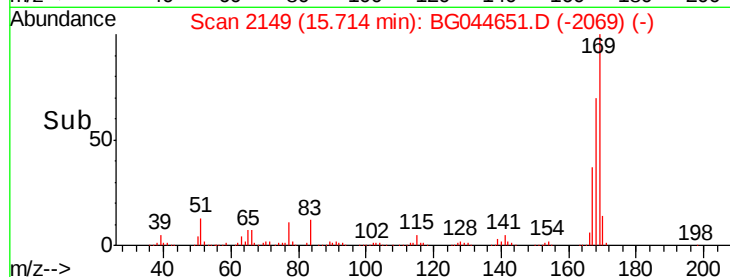
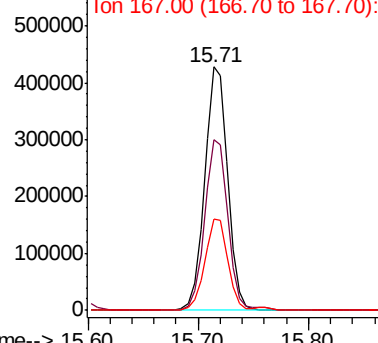
#66
 n-Nitrosodiphenylamine
 Concen: 45.752 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:169 Resp: 621278
 Ion Ratio Lower Upper
 169 100
 168 70.0 56.1 84.1
 167 37.4 29.4 44.0

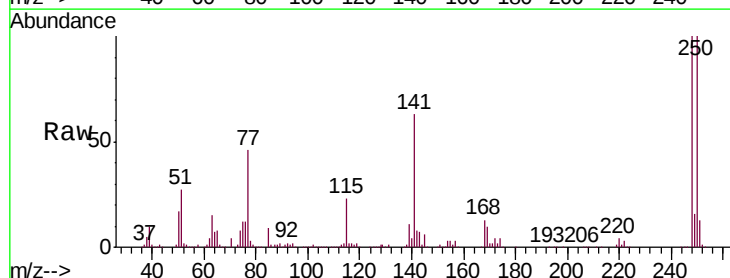


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

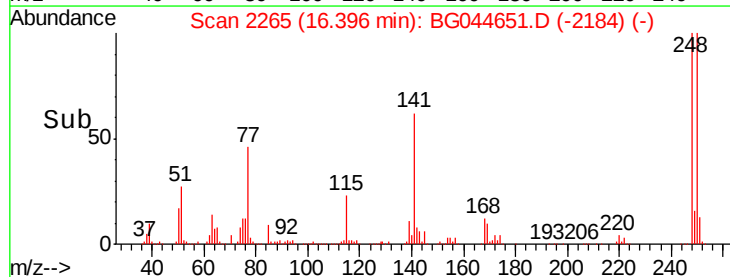
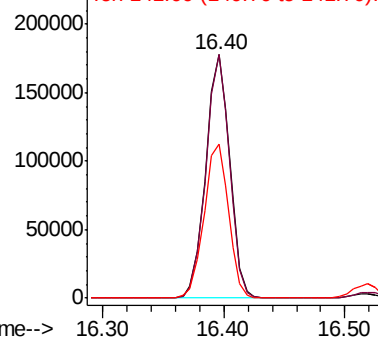


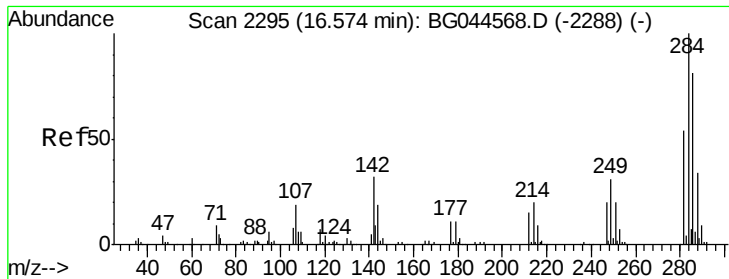
#67
 4-Bromophenyl-phenylether
 Concen: 45.486 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:248 Resp: 245791
 Ion Ratio Lower Upper
 248 100
 250 100.1 78.7 118.1
 141 63.1 52.3 78.5



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





#68

Hexachlorobenzene

Concen: 44.536 ng

RT: 16.52 min Scan# 2286

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

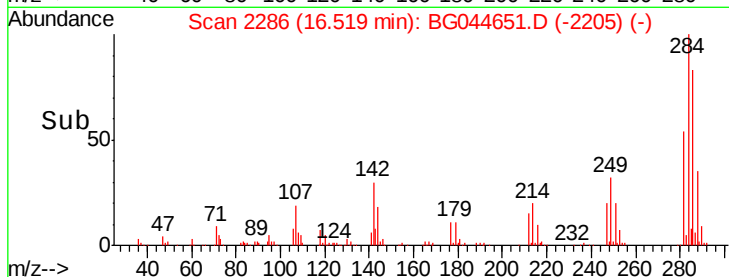
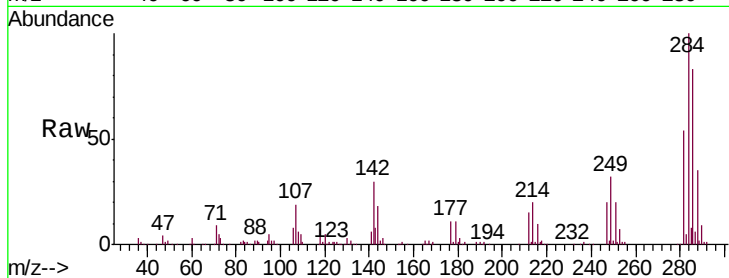
Tgt Ion:284 Resp: 272091

Ion Ratio Lower Upper

284 100

142 30.3 25.6 38.4

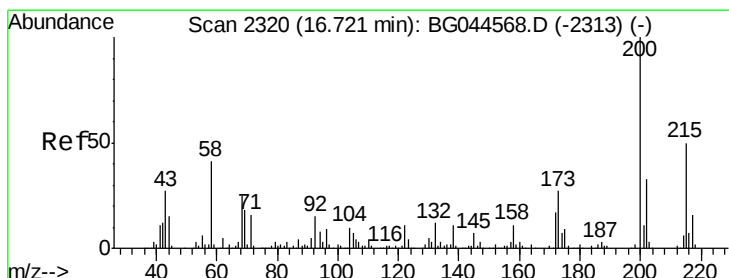
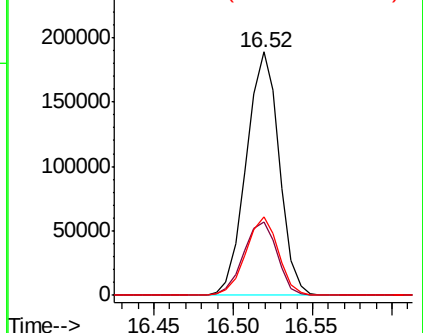
249 32.1 24.6 36.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 46.129 ng

RT: 16.67 min Scan# 2312

Delta R.T. -0.05 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

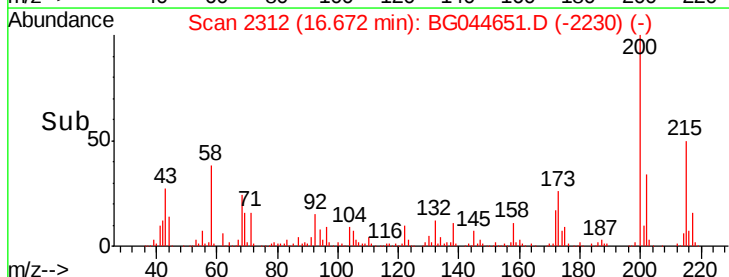
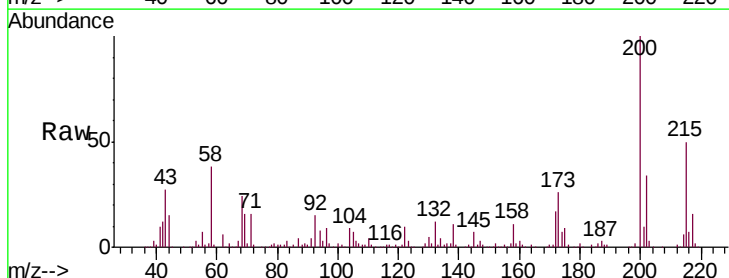
Tgt Ion:200 Resp: 231570

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

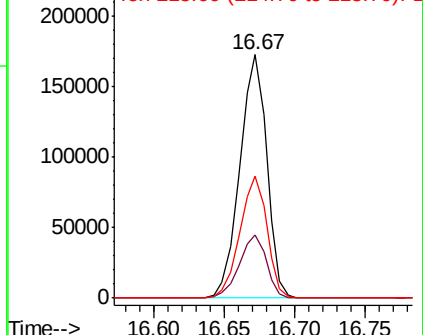
215 50.1 30.3 70.3

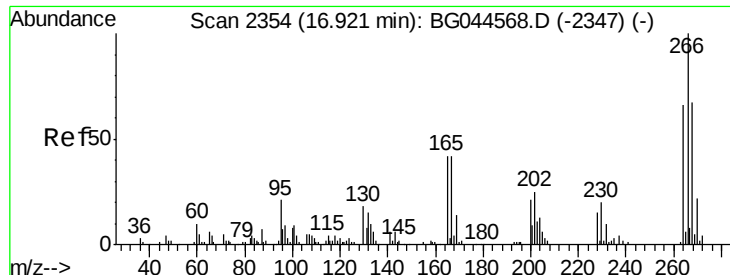


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

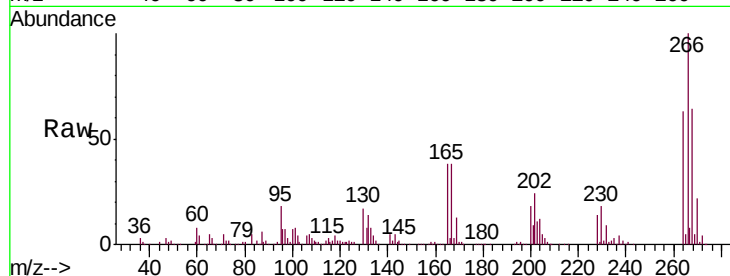




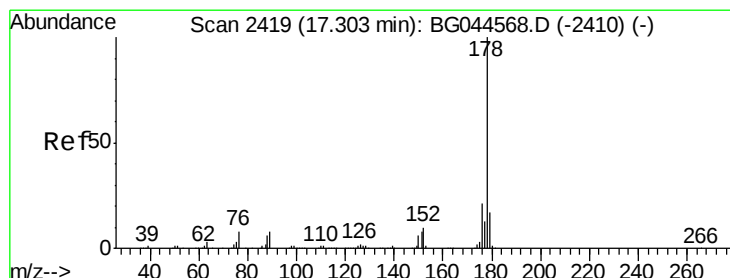
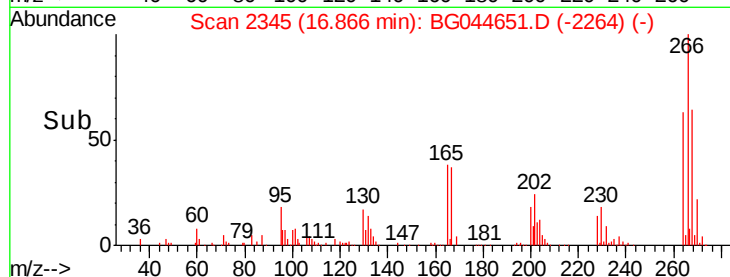
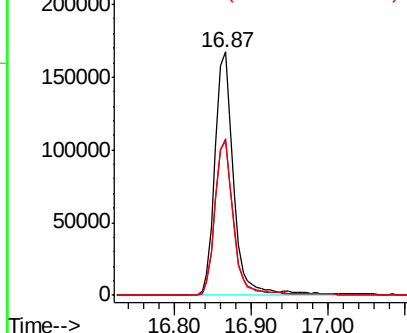
#70
 Pentachlorophenol
 Concen: 92.636 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:266 Resp: 280716
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.4 80.0
 264 63.3 53.0 79.4

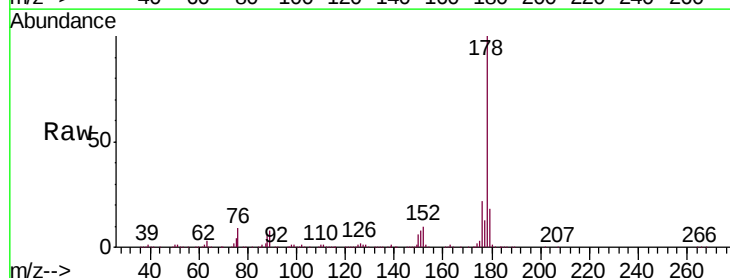


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

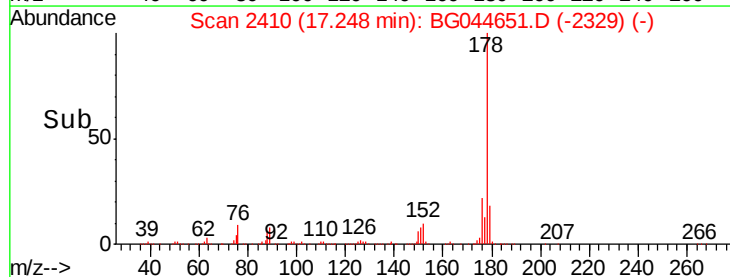
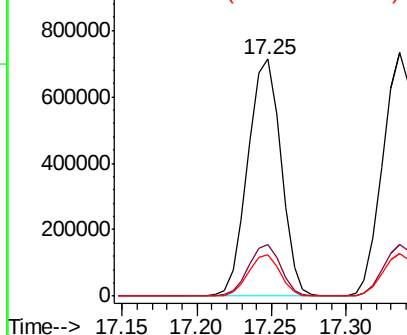


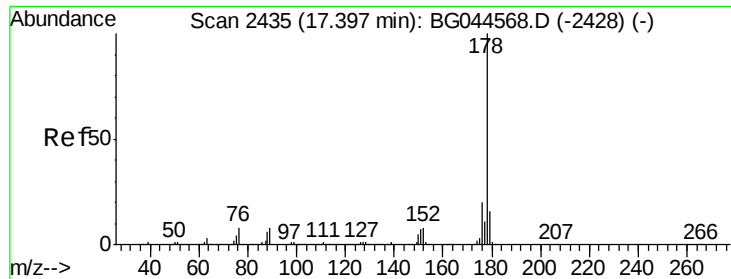
#71
 Phenanthrene
 Concen: 45.538 ng
 RT: 17.25 min Scan# 2410
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:178 Resp: 1097519
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.6 25.0
 179 17.6 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

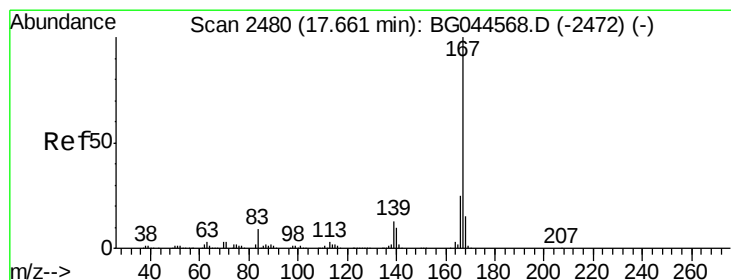
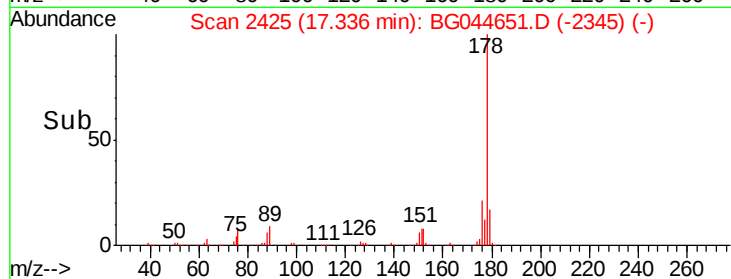
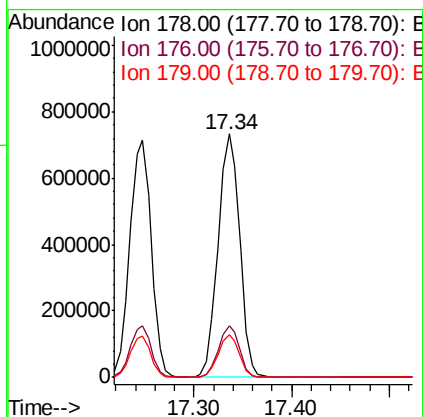
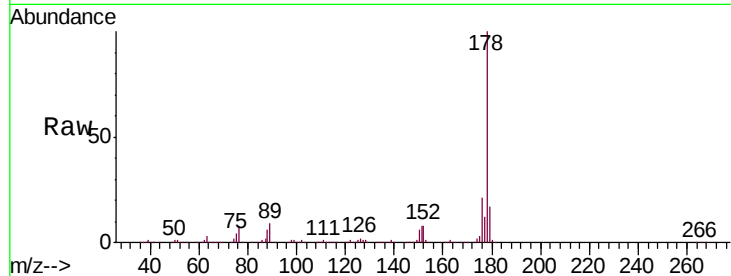




#72
 Anthracene
 Concen: 47.448 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

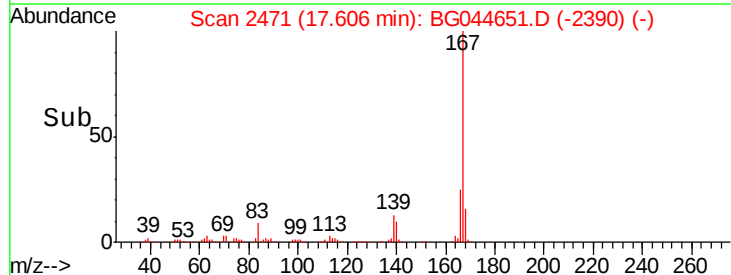
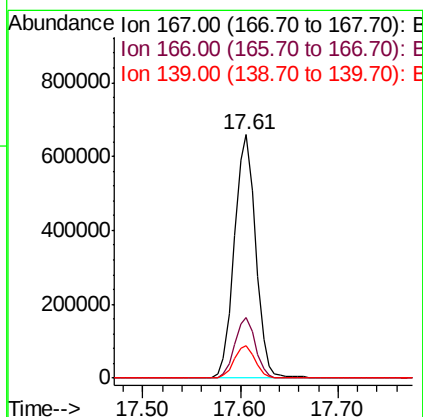
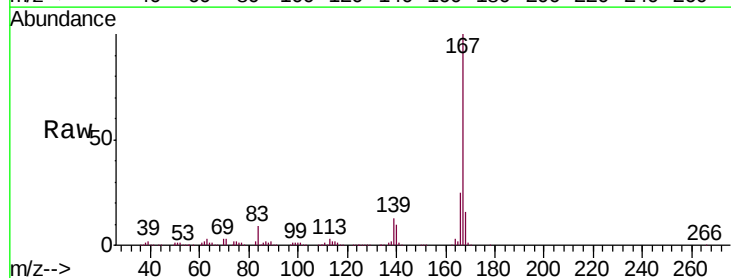
Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

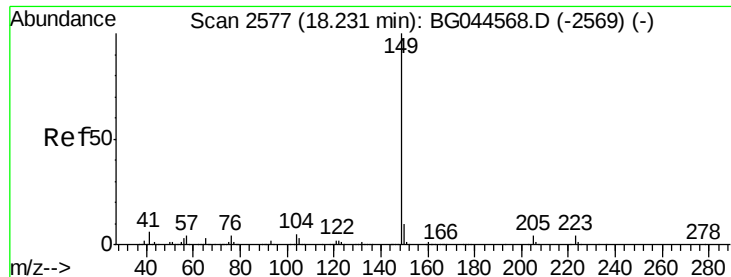
Tgt Ion:178 Resp: 1126968
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.9 23.9
 179 17.4 13.1 19.7



#73
 Carbazole
 Concen: 46.275 ng
 RT: 17.61 min Scan# 2471
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:167 Resp: 1000448
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.7 29.5
 139 13.5 10.6 15.8

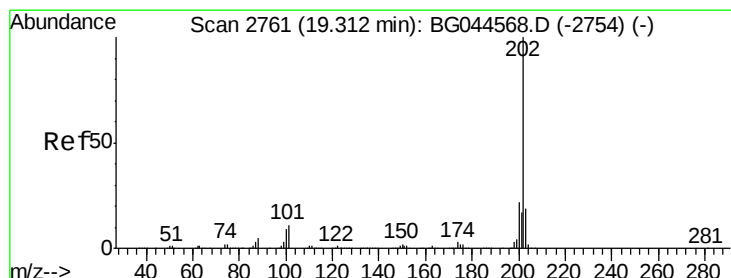
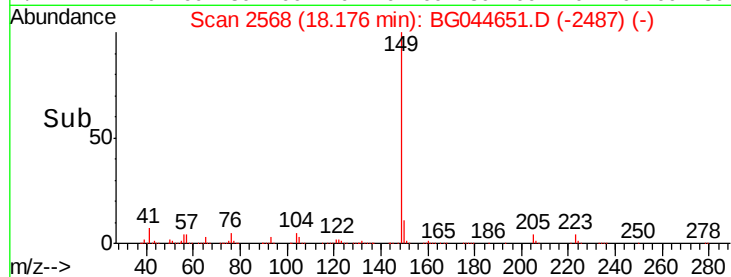
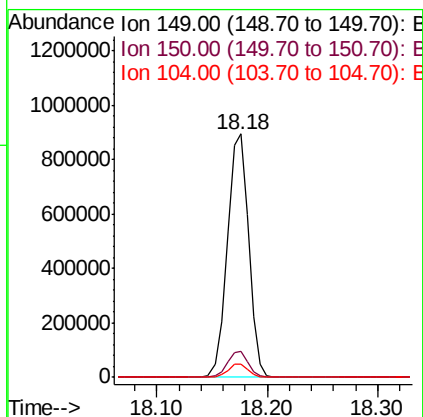
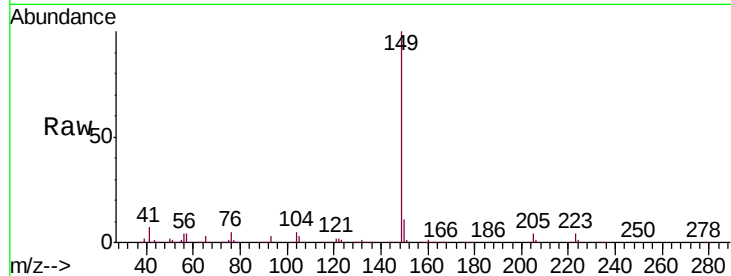




#74
Di-n-butylphthalate
Concen: 44.700 ng
RT: 18.18 min Scan# 2568
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

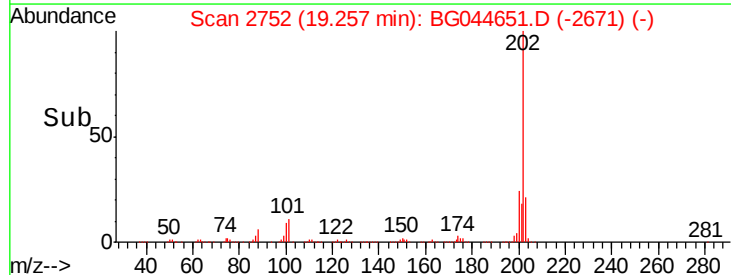
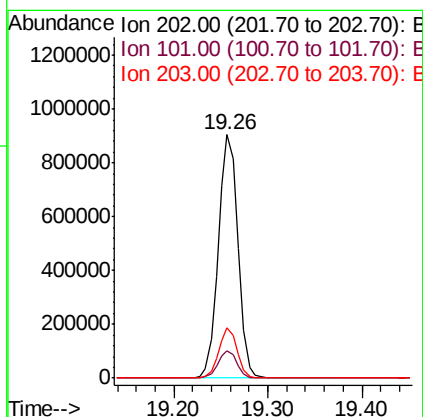
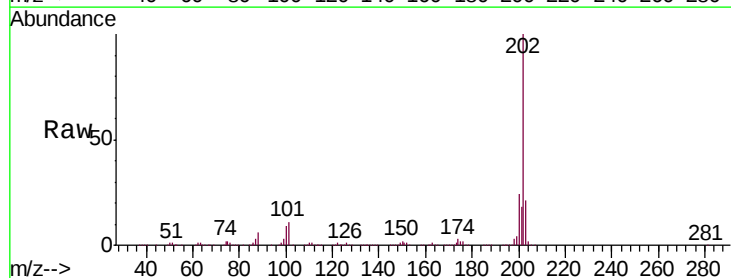
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

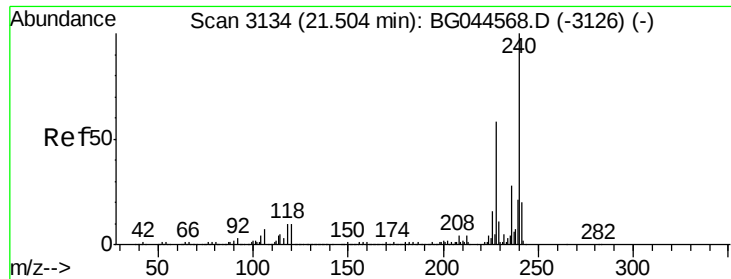
Tgt Ion:149 Resp: 1210984
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.8
104 5.4 4.0 6.0



#75
Fluoranthene
Concen: 46.024 ng
RT: 19.26 min Scan# 2752
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:202 Resp: 1313120
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.0
203 20.7 0.0 39.2

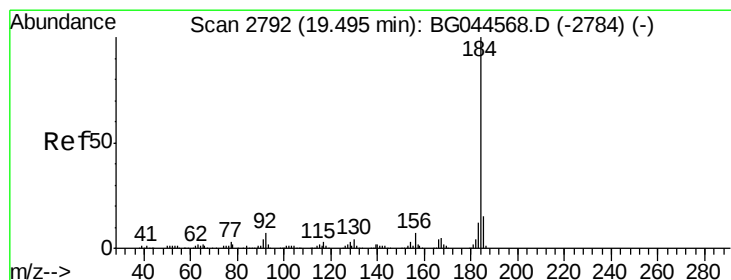
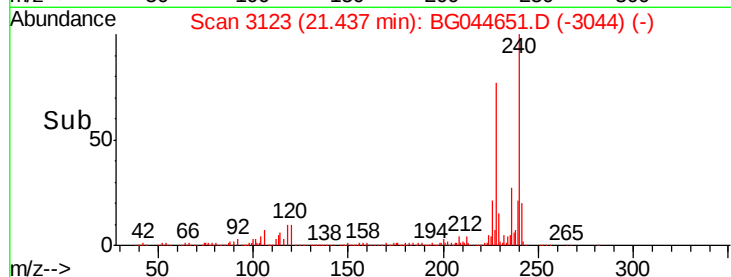
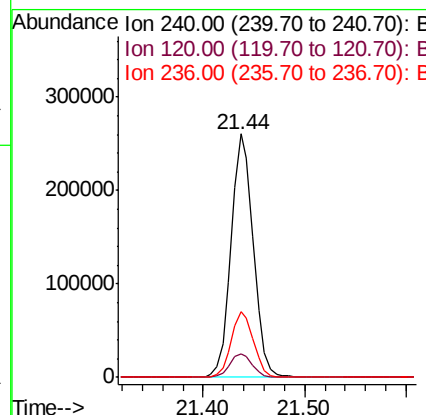
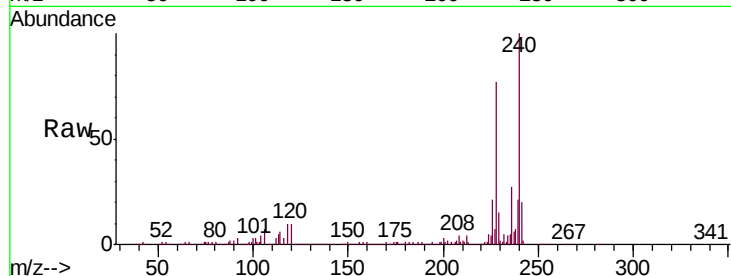




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

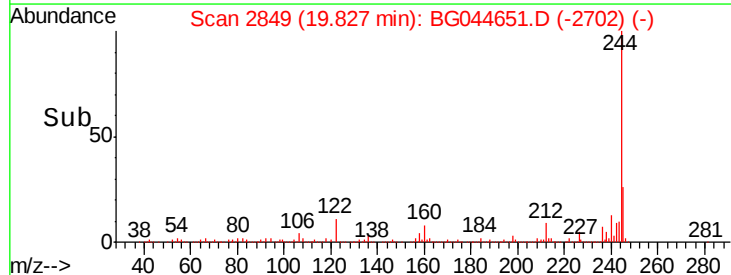
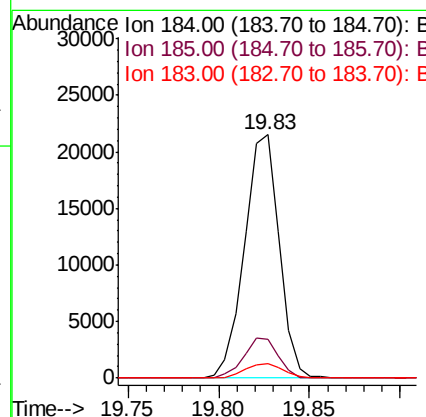
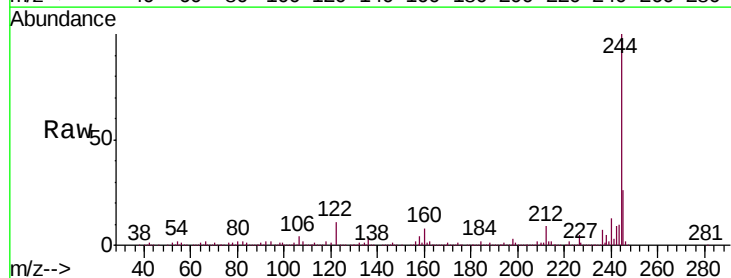
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

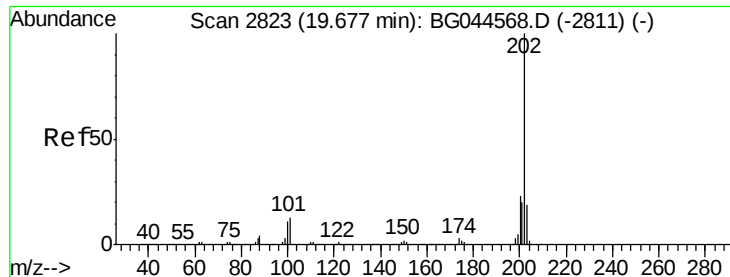
Tgt Ion:240 Resp: 394426
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 27.1 22.3 33.5



#77
Benzidine
Concen: 2.117 ng
RT: 19.83 min Scan# 2849
Delta R.T. 0.33 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:184 Resp: 28601
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 6.2 9.9 14.9#





#78

Pyrene

Concen: 46.144 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

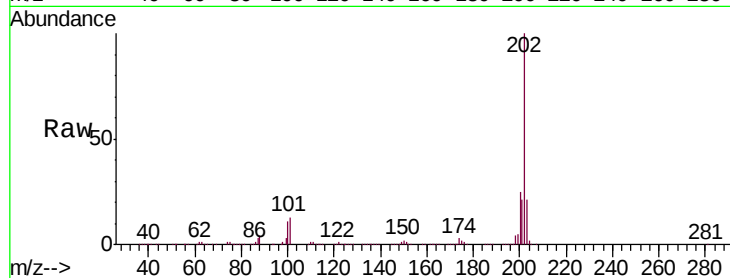
Tgt Ion:202 Resp: 1321197

Ion Ratio Lower Upper

202 100

200 25.1 18.6 28.0

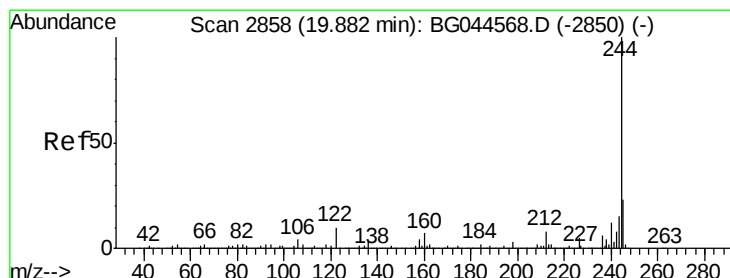
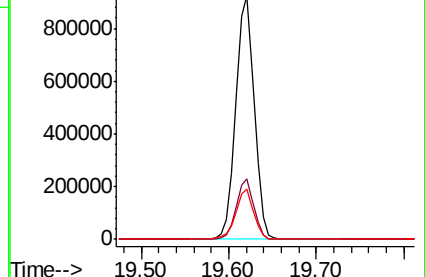
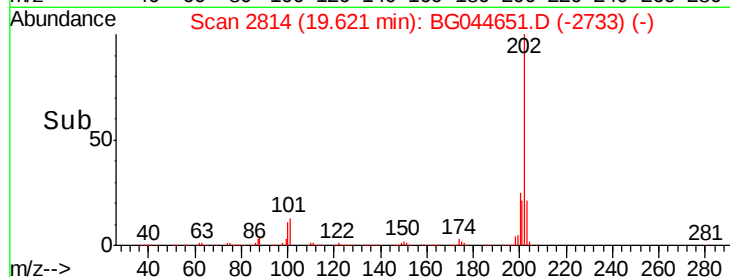
203 20.7 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 85.916 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

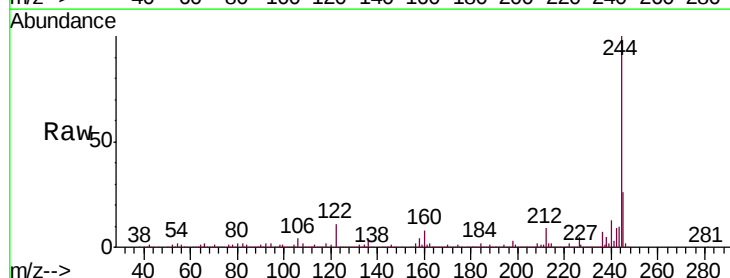
Tgt Ion:244 Resp: 1790093

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

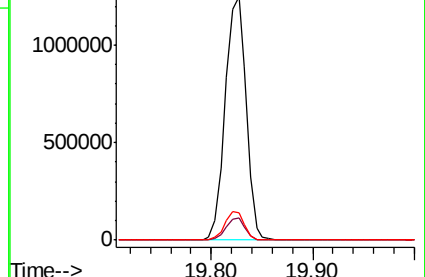
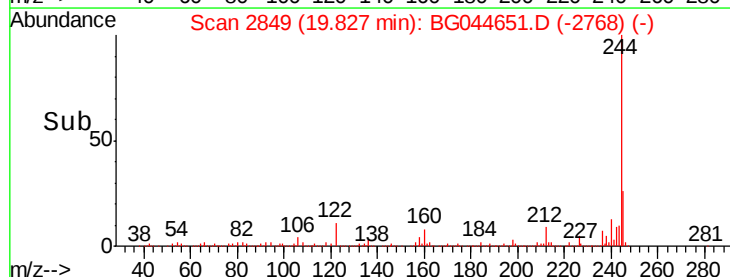
122 11.3 8.2 12.4

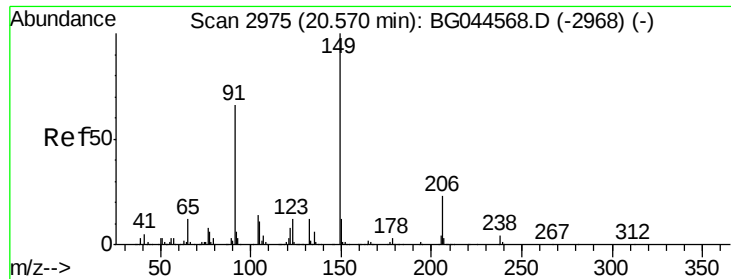


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

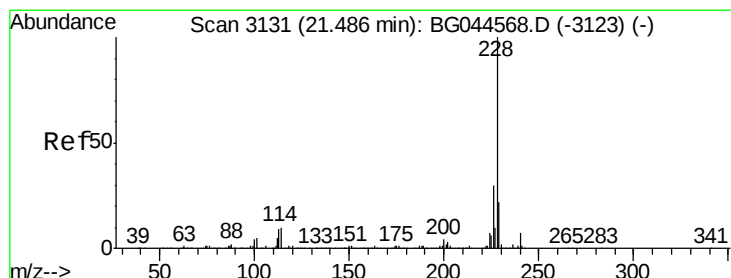
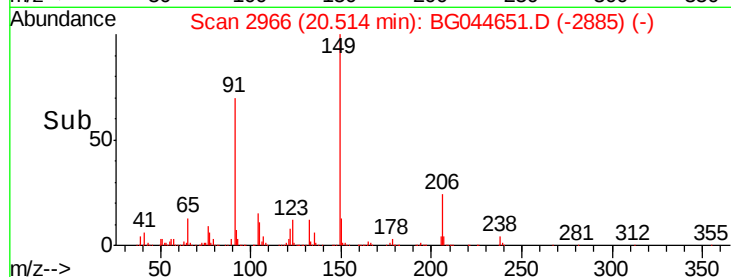
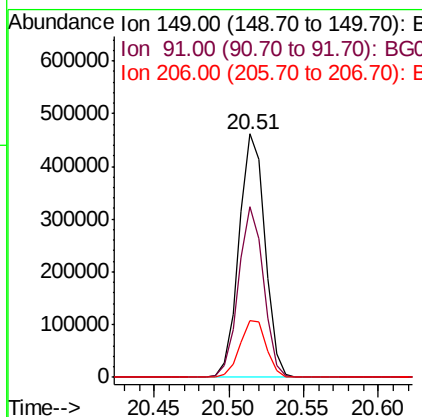
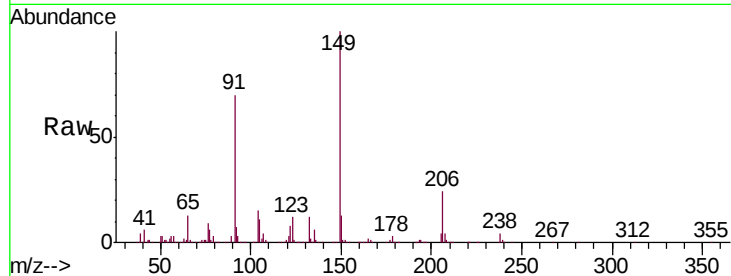




#80
Butylbenzylphthalate
Concen: 44.494 ng
RT: 20.51 min Scan# 2966
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

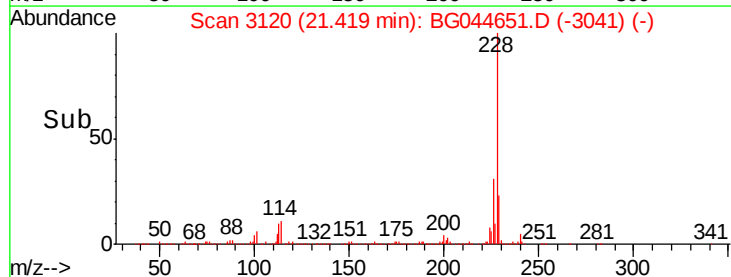
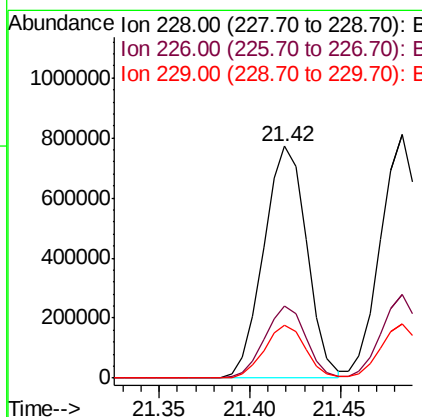
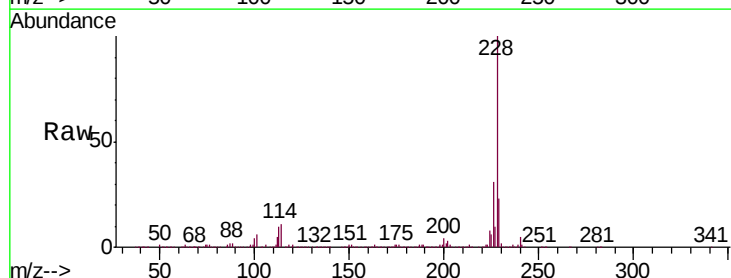
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

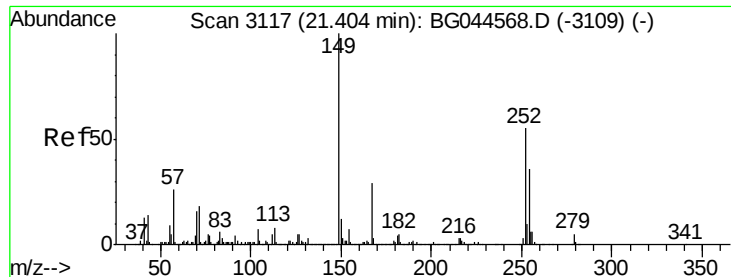
Tgt Ion:149 Resp: 557242
Ion Ratio Lower Upper
149 100
91 69.9 52.7 79.1
206 23.5 18.6 28.0



#81
Benzo(a)anthracene
Concen: 45.982 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:228 Resp: 1274688
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 22.9 17.2 25.8

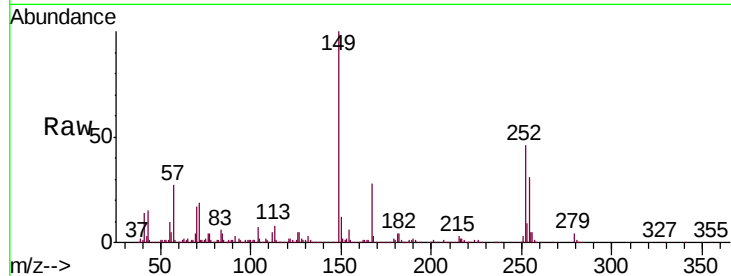




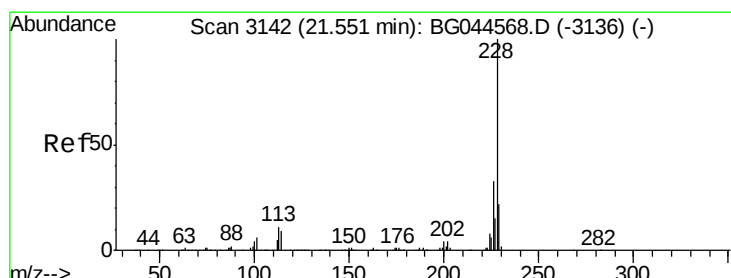
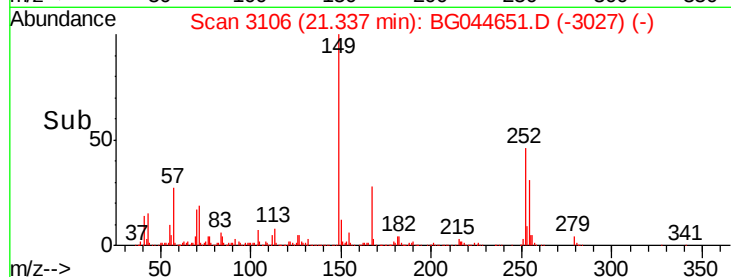
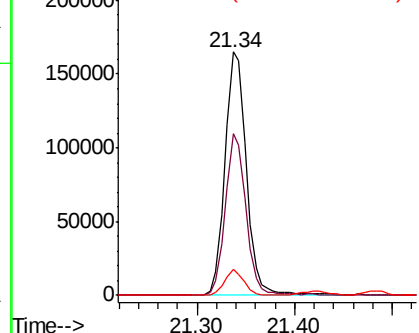
#82
 3,3'-Dichlorobenzidine
 Concen: 22.975 ng
 RT: 21.34 min Scan# 3106
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:252 Resp: 251617
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.5 77.3
 126 10.6 7.8 11.6

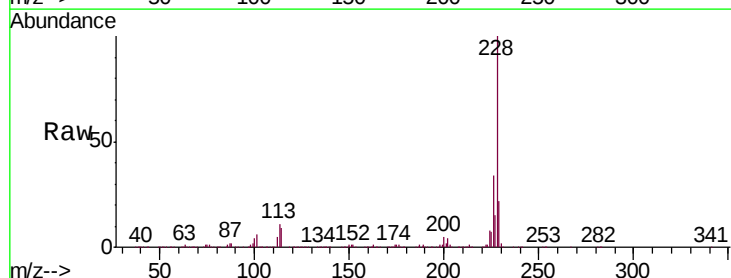


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

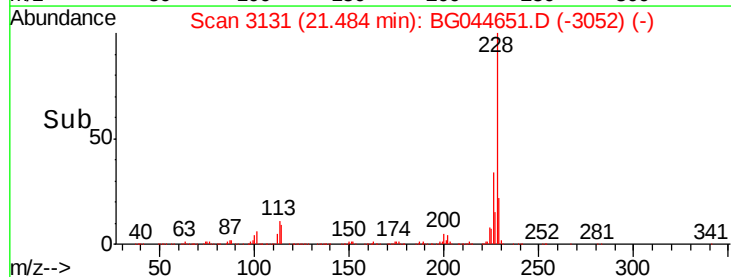
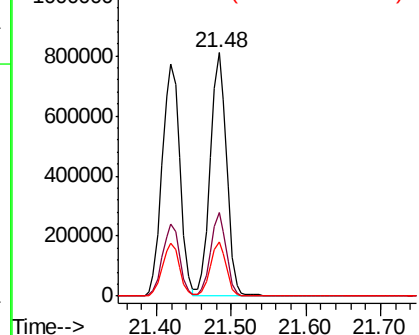


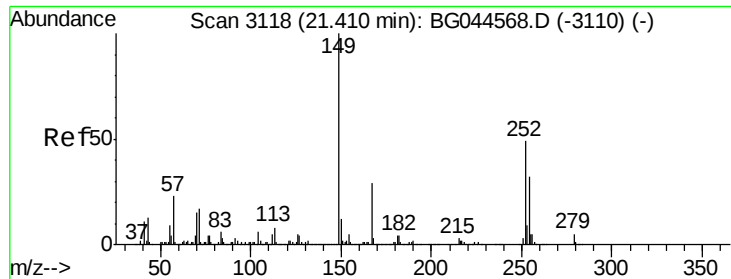
#83
 Chrysene
 Concen: 45.944 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:228 Resp: 1231432
 Ion Ratio Lower Upper
 228 100
 226 34.2 26.1 39.1
 229 22.5 17.2 25.8



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

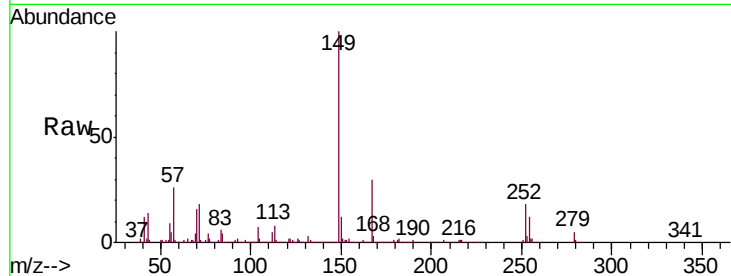




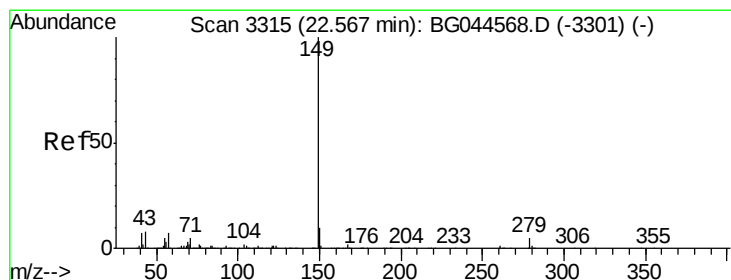
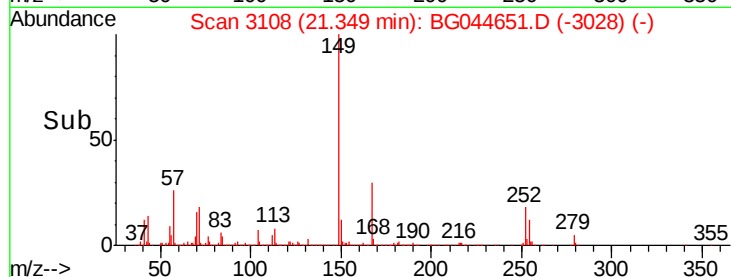
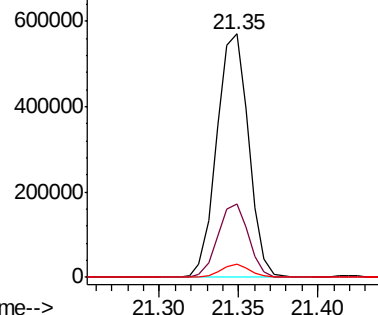
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.120 ng
 RT: 21.35 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tgt Ion:149 Resp: 795876
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.4 35.0
 279 5.2 4.2 6.4

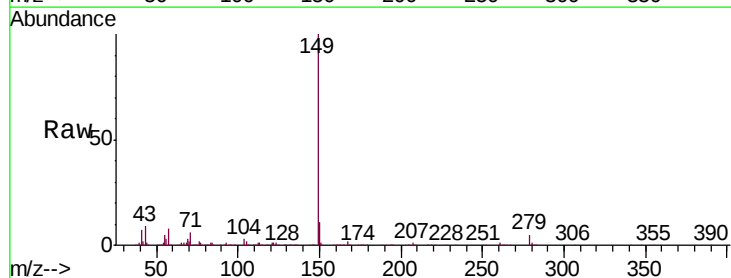


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

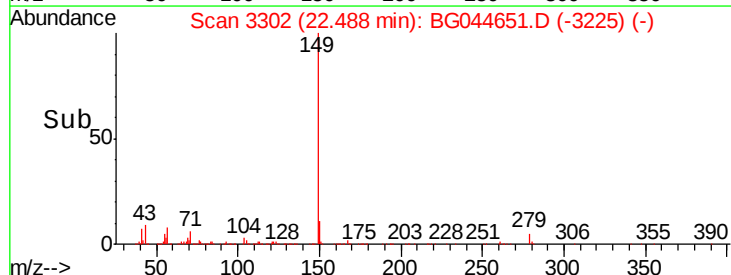
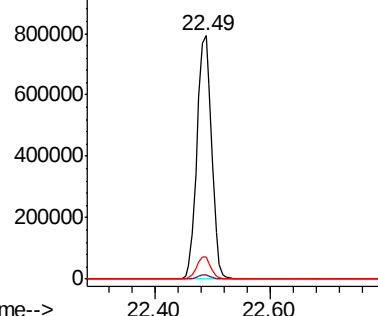


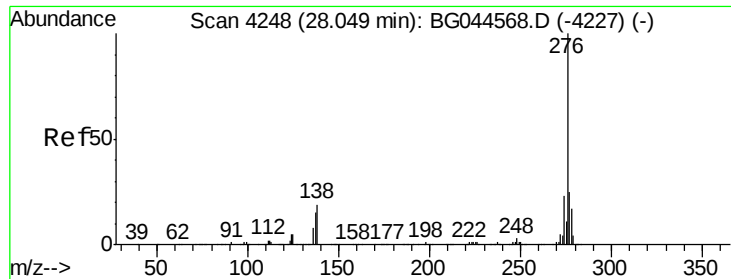
#85
 Di-n-octyl phthalate
 Concen: 45.852 ng
 RT: 22.49 min Scan# 3302
 Delta R.T. -0.08 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:149 Resp: 1392122
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.0 6.6 10.0



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: 46.903 ng

RT: 27.88 min Scan# 4219

Delta R.T. -0.17 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

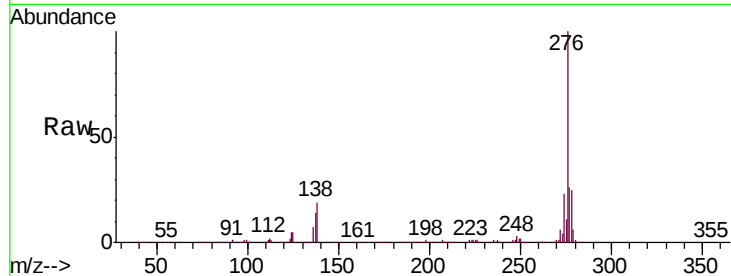
Tgt Ion:276 Resp: 1613354

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.4

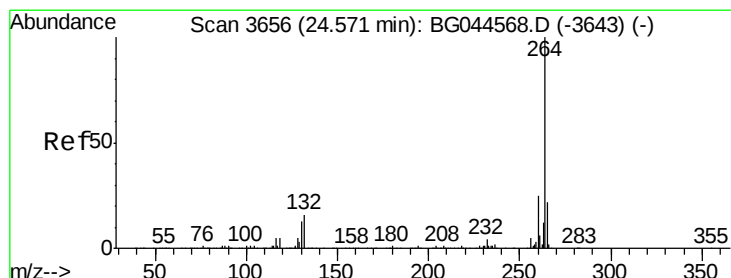
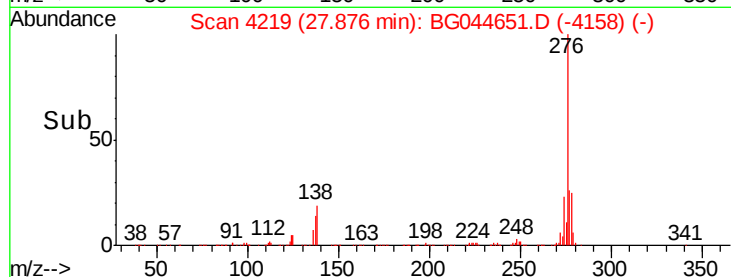
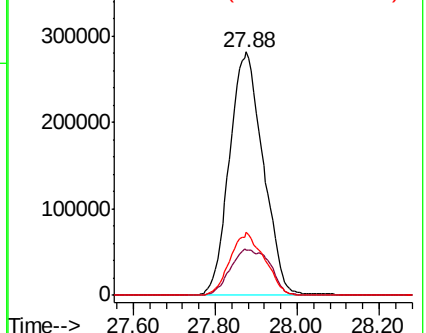
277 26.3 20.7 31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

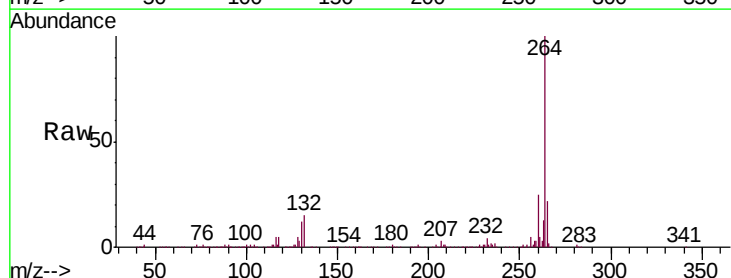
Tgt Ion:264 Resp: 451888

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

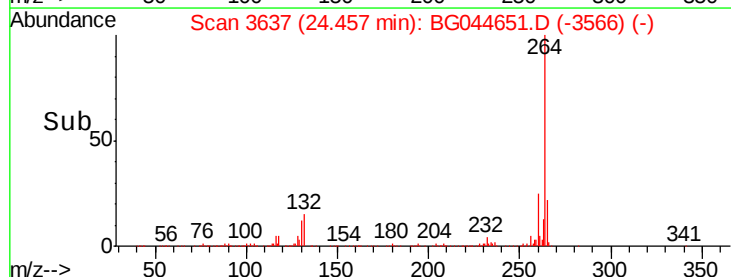
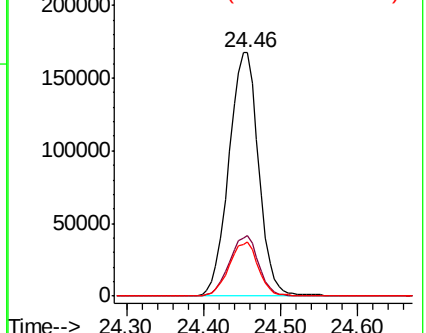
265 22.2 17.8 26.8

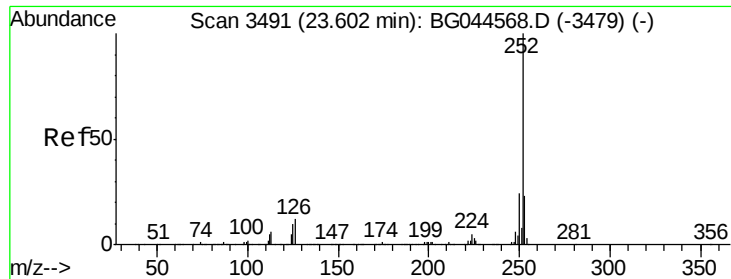


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

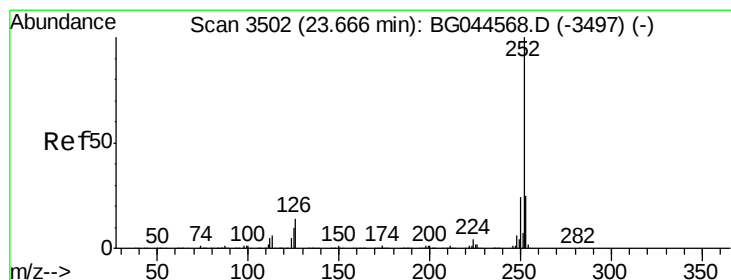
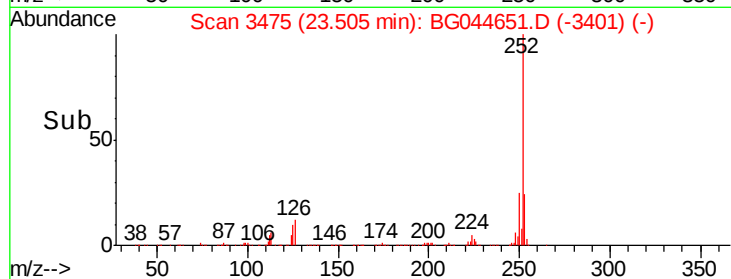
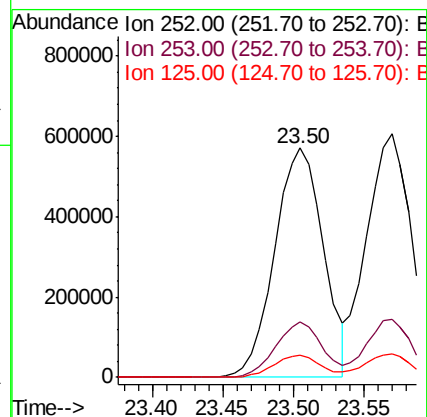
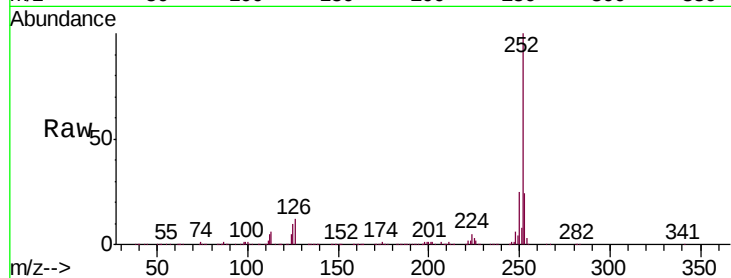




#88
Benzo(b)fluoranthene
Concen: 46.202 ng
RT: 23.50 min Scan# 3475
Delta R.T. -0.10 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

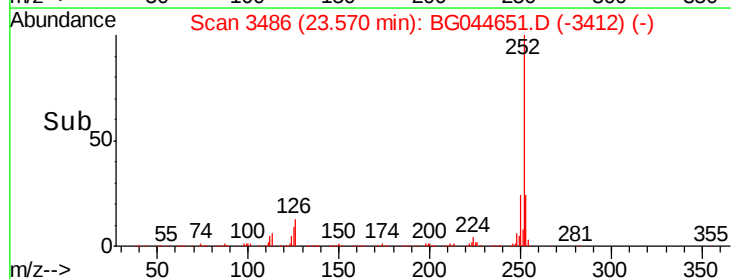
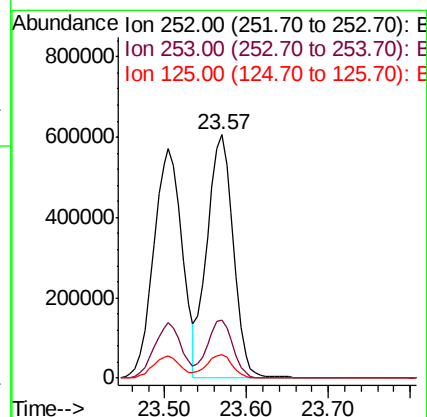
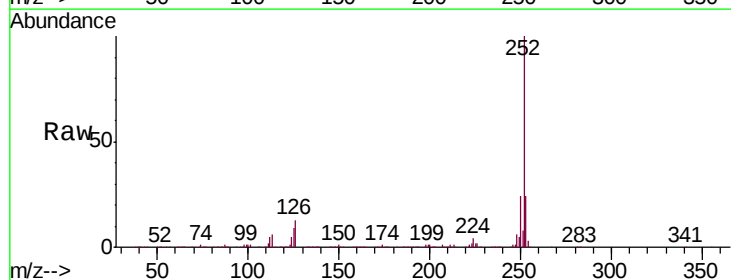
Instrument :
BNA_G
ClientSampleId :
PB127195BSD

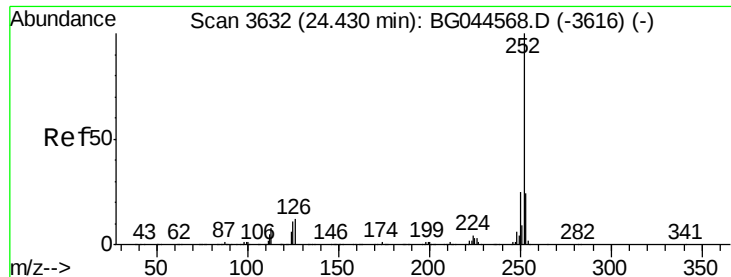
Tgt Ion:252 Resp: 1372686
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 9.6 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 46.966 ng
RT: 23.57 min Scan# 3486
Delta R.T. -0.10 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:252 Resp: 1353947
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.6
125 9.4 7.8 11.8





#90

Benzo(a)pyrene

Concen: 45.215 ng

RT: 24.32 min Scan# 3613

Delta R.T. -0.11 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

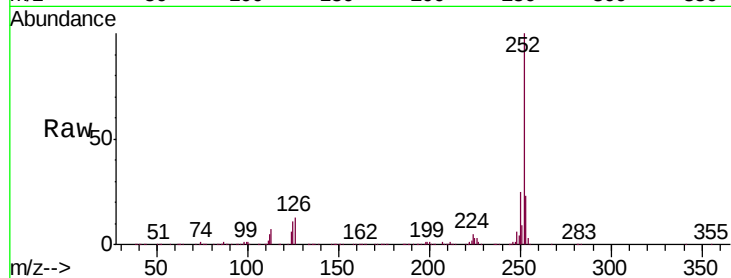
Tgt Ion:252 Resp: 1262171

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.4

125 10.5 8.5 12.7

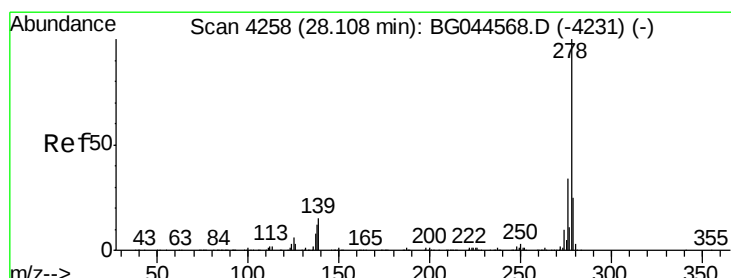
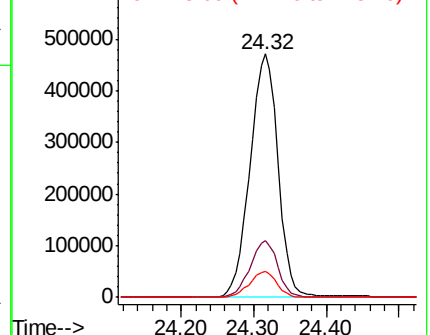
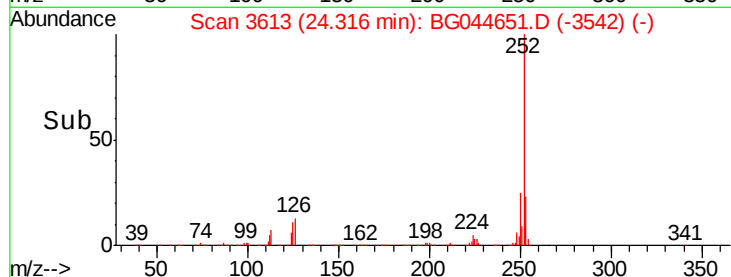


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 48.056 ng

RT: 27.93 min Scan# 4228

Delta R.T. -0.18 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

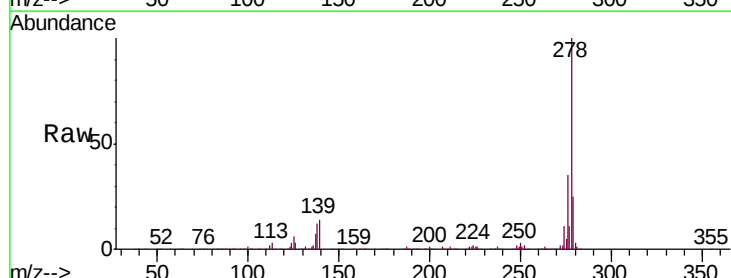
Tgt Ion:278 Resp: 1326705

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

279 25.0 19.8 29.6

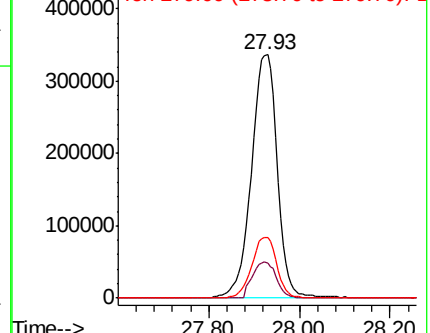
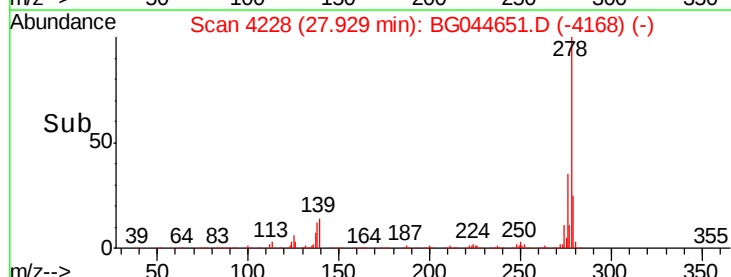


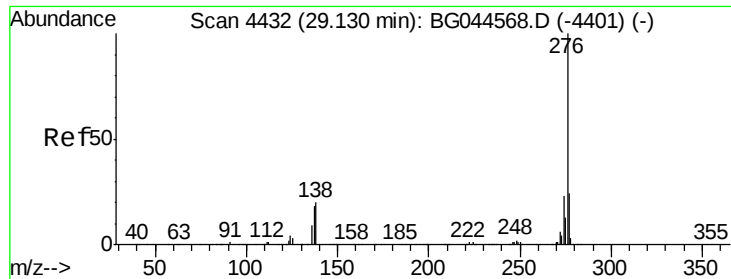
Abundance

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: 49.230 ng

RT: 28.94 min Scan# 4400

Delta R.T. -0.19 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

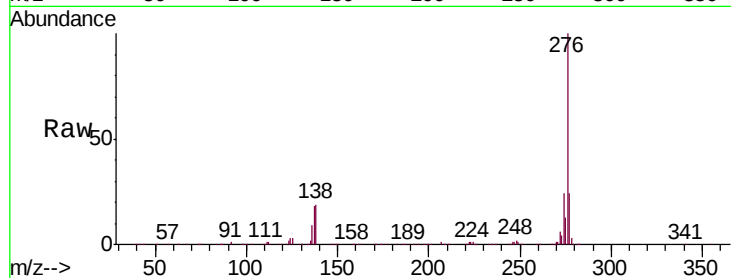
Tgt Ion:276 Resp: 1361708

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 18.6 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

400000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

