

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045620.D
 Acq On : 5 Jun 2020 17:29
 Operator : CG/JU
 Sample : PB129333BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Quant Time: Jun 05 18:28:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65020	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	248274	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174673	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	403105	20.00	ng	0.00
76) Chrysene-d12	21.61	240	381425	20.00	ng	0.00
87) Perylene-d12	24.75	264	414255	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	602537	181.10	ng	0.00
7) Phenol-d6	7.15	99	830345	175.35	ng	0.00
23) Nitrobenzene-d5	9.12	82	535963	117.72	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	391139	175.09	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1168771	113.50	ng	0.00
79) Terphenyl-d14	19.96	244	1927285	117.85	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	80801	48.975 ng	93
3) Pyridine	3.81	79	188839	41.097 ng	96
4) n-Nitrosodimethylamine	3.72	42	86663	57.638 ng	97
6) Aniline	7.28	93	270041	43.685 ng	97
8) 2-Chlorophenol	7.53	128	219325	60.114 ng	98
9) Benzaldehyde	7.09	77	135212	43.826 ng	97
10) Phenol	7.18	94	290670	59.558 ng	99
11) bis(2-Chloroethyl)ether	7.37	93	201425	52.913 ng	94
12) 1,3-Dichlorobenzene	7.85	146	235806	53.782 ng	98
13) 1,4-Dichlorobenzene	7.99	146	239307	55.307 ng	98
14) 1,2-Dichlorobenzene	8.31	146	223035	53.594 ng	98
15) Benzyl Alcohol	8.20	79	224185	57.309 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188822	52.255 ng	97
17) 2-Methylphenol	8.42	107	193323	52.922 ng	98
18) Hexachloroethane	9.04	117	91681	55.324 ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	180098	54.999 ng	96
20) 3+4-Methylphenols	8.75	107	261829	52.635 ng	95
22) Acetophenone	8.78	105	329911	56.066 ng	# 97
24) Nitrobenzene	9.16	77	274325	56.238 ng	96
25) Isophorone	9.69	82	492540	54.932 ng	98
26) 2-Nitrophenol	9.87	139	120839	57.910 ng	93
27) 2,4-Dimethylphenol	9.95	122	200190	64.684 ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	268712	57.146 ng	98
29) 2,4-Dichlorophenol	10.43	162	218977	59.917 ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	240134	55.605 ng	96
31) Naphthalene	10.81	128	651448	56.308 ng	99
32) Benzoic acid	10.14	122	124573	56.848 ng	93
33) 4-Chloroaniline	10.92	127	143613	29.696 ng	96
34) Hexachlorobutadiene	11.10	225	166883	54.668 ng	98
35) Caprolactam	11.70	113	44465	33.147 ng	87
36) 4-Chloro-3-methylphenol	12.08	107	247505	60.100 ng	94
37) 2-Methylnaphthalene	12.42	142	487054	56.482 ng	97
38) 1-Methylnaphthalene	12.42	142	487054	59.793 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	275843	56.538 ng	99

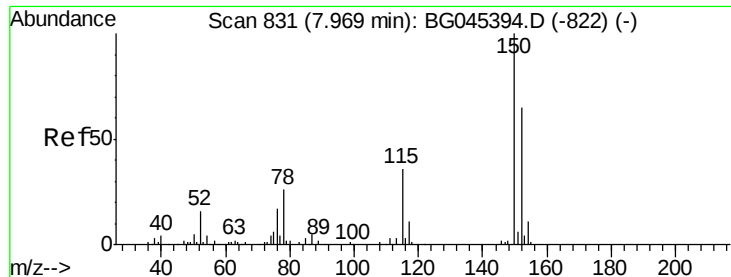
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045620.D
 Acq On : 5 Jun 2020 17:29
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	328434	116.631	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	196074	57.853	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	200783	51.842	nq	98
46) 1,1'-Biphenyl	13.43	154	619126	57.685	nq	98
47) 2-Chloronaphthalene	13.47	162	477208	54.754	nq	99
48) 2-Nitroaniline	13.68	65	160848	56.105	nq	93
49) Acenaphthylene	14.32	152	794275	56.737	nq	99
50) Dimethylphthalate	14.06	163	649451	54.200	nq	99
51) 2,6-Dinitrotoluene	14.17	165	151918	56.186	nq	98
52) Acenaphthene	14.66	154	467963	49.938	nq	96
53) 3-Nitroaniline	14.51	138	100341	36.506	nq	# 92
54) 2,4-Dinitrophenol	14.72	184	180422	100.373	nq	94
55) Dibenzofuran	15.00	168	760783	54.670	nq	98
56) 4-Nitrophenol	14.85	139	229523	110.298	nq	92
57) 2,4-Dinitrotoluene	14.97	165	211486	54.007	nq	98
58) Fluorene	15.65	166	633530	55.415	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196497	57.669	nq	99
60) Diethylphthalate	15.42	149	672766	53.943	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	351614	53.746	nq	99
62) 4-Nitroaniline	15.68	138	150898	52.589	nq	99
63) Azobenzene	15.94	77	648559	55.770	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	142776	60.816	nq	96
66) n-Nitrosodiphenylamine	15.86	169	566376	58.519	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	246187	56.401	nq	97
68) Hexachlorobenzene	16.66	284	265159	58.080	nq	96
69) Atrazine	16.81	200	215867	54.150	nq	97
70) Pentachlorophenol	17.01	266	293547	123.832	nq	98
71) Phenanthrene	17.39	178	1014255	57.635	nq	99
72) Anthracene	17.48	178	1038379	58.758	nq	98
73) Carbazole	17.75	167	962708	55.886	nq	100
74) Di-n-butylphthalate	18.31	149	1139146	55.096	nq	99
75) Fluoranthene	19.40	202	1257926	56.199	nq	99
77) Benzidine	19.58	184	623165	58.172	nq	99
78) Pyrene	19.76	202	1257573	57.839	nq	99
80) Butylbenzylphthalate	20.65	149	521635	55.582	nq	98
81) Benzo(a)anthracene	21.59	228	1242037	58.454	nq	98
82) 3,3'-Dichlorobenzidine	21.50	252	349022	41.875	nq	99
83) Chrysene	21.65	228	1152034	56.387	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	735537	57.015	nq	98
85) Di-n-octyl phthalate	22.69	149	1227575	55.403	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1527003	57.155	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1286459	57.904	nq	97
89) Benzo(k)fluoranthene	23.83	252	1269372	60.815	nq	100
90) Benzo(a)pyrene	24.61	252	1185807	57.310	nq	97
91) Dibenzo(a,h)anthracene	28.39	278	1242050	59.735	nq	99
92) Benzo(g,h,i)perylene	29.44	276	1252504	60.230	nq	99

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

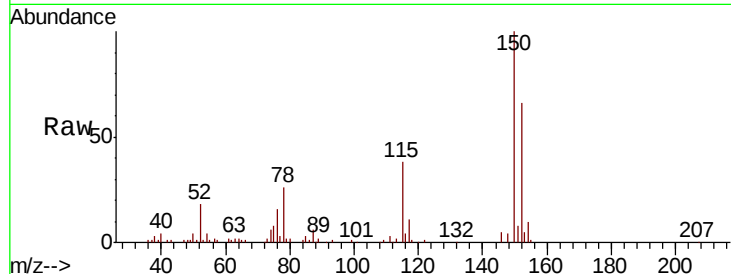


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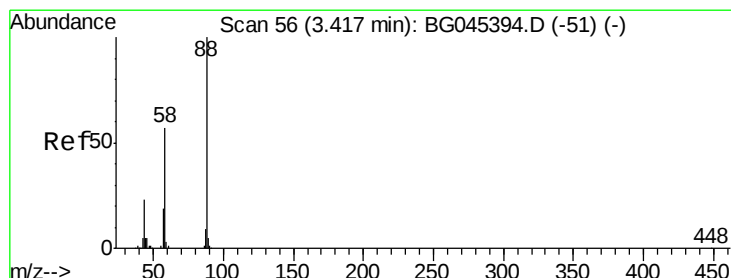
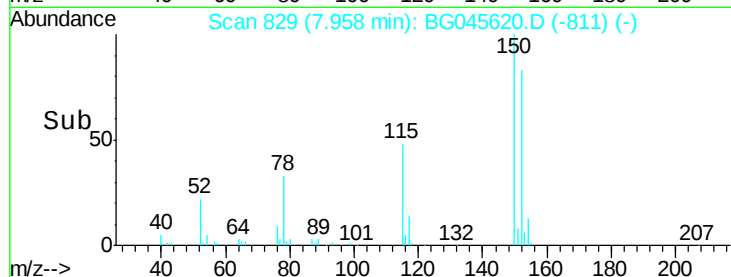
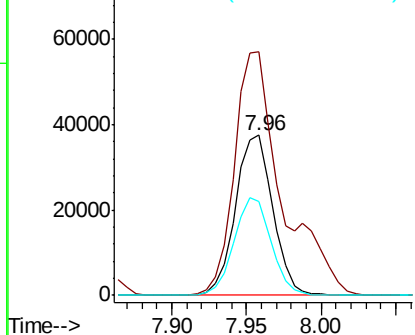
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:152 Resp: 65020
Ion Ratio Lower Upper
152 100
150 152.3 122.4 183.6
115 58.5 44.2 66.4



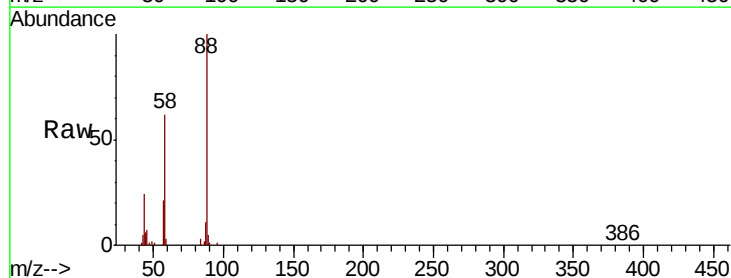
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



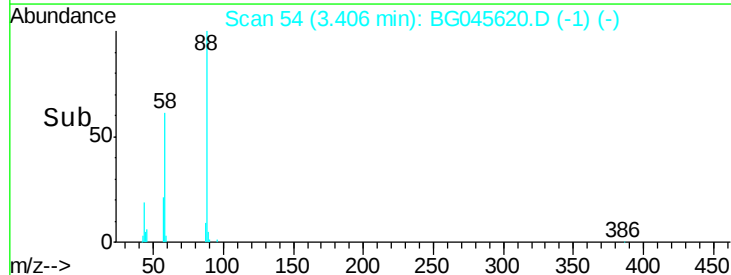
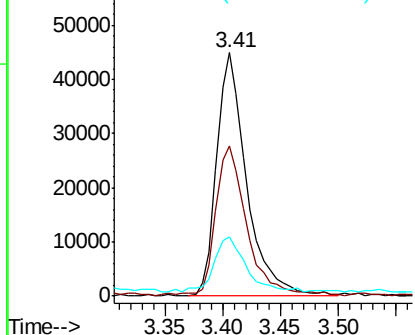
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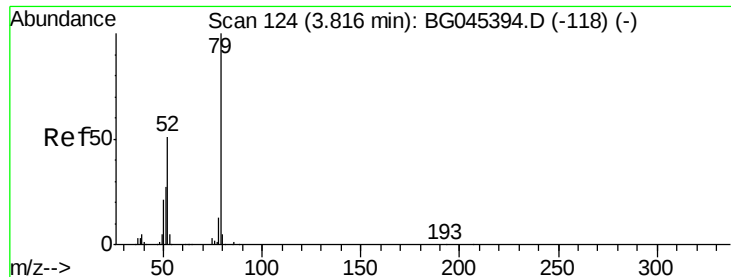
1,4-Dioxane
Concen: 48.975 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion: 88 Resp: 80801
Ion Ratio Lower Upper
88 100
58 62.7 45.7 68.5
43 23.0 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.097 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

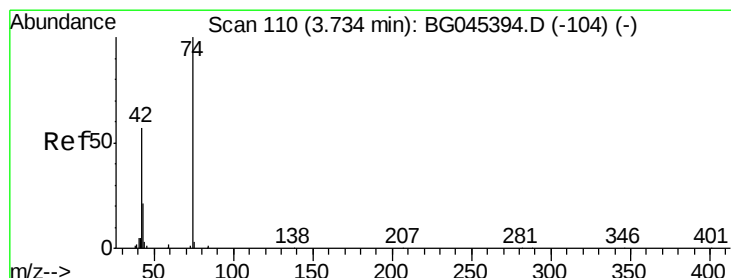
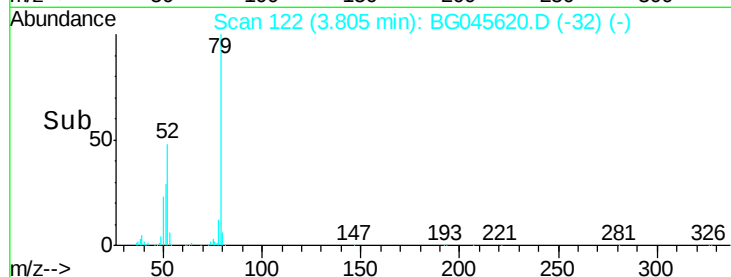
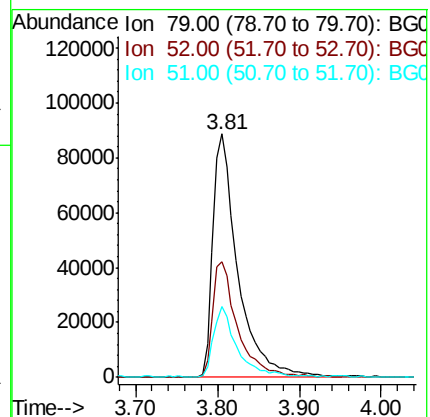
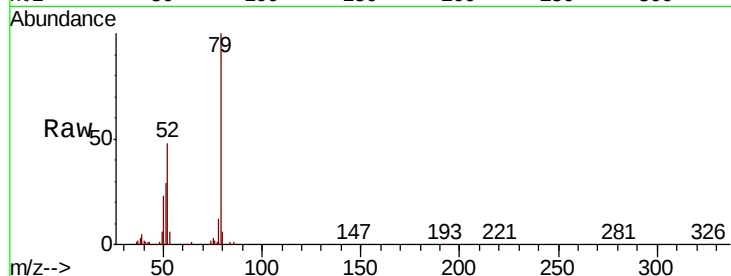
Tot Ion: 79 Resp: 188839

Ion Ratio Lower Upper

79 100

52 47.6 40.8 61.2

51 29.0 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 57.638 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

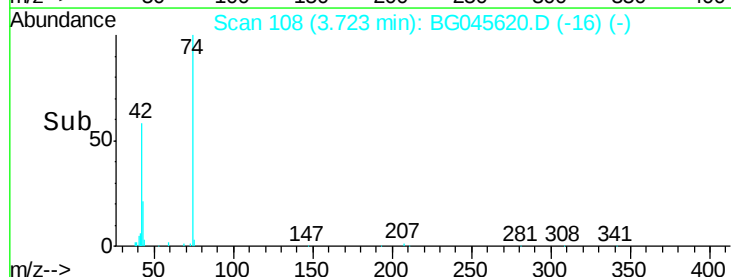
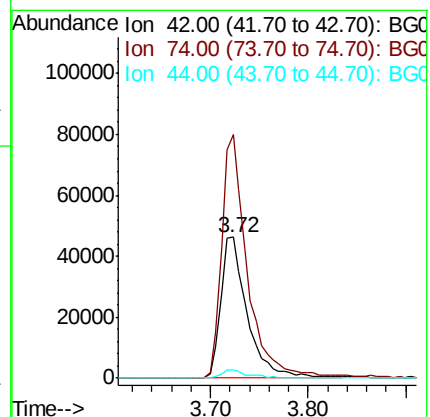
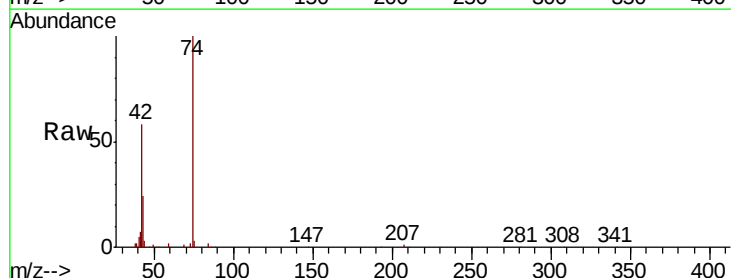
Tgt Ion: 42 Resp: 86663

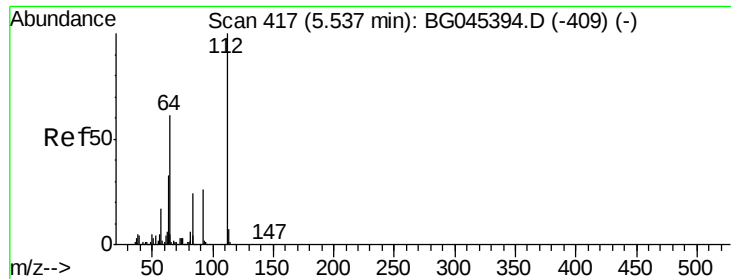
Ion Ratio Lower Upper

42 100

74 172.9 141.3 211.9

44 6.0 4.2 6.4





#5

2-Fluorophenol

Concen: 181.104 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

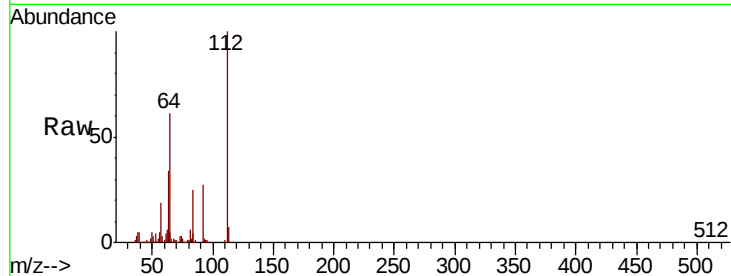
Tot Ion:112 Resp: 602537

Ion Ratio Lower Upper

112 100

64 60.9 48.6 72.8

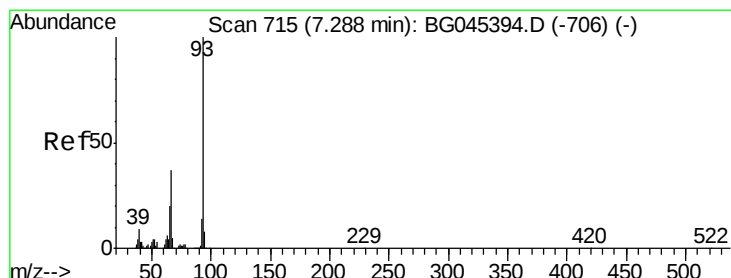
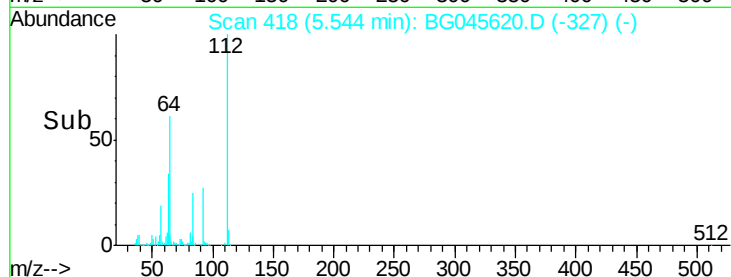
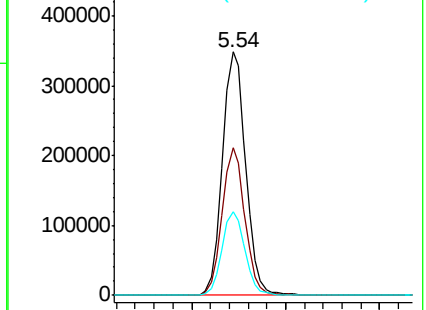
63 34.2 26.5 39.7



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: 43.685 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

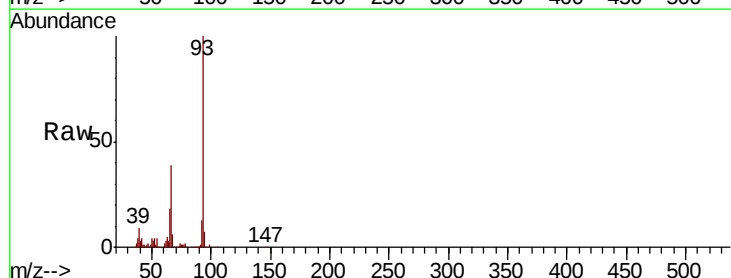
Tgt Ion: 93 Resp: 270041

Ion Ratio Lower Upper

93 100

66 38.7 29.6 44.4

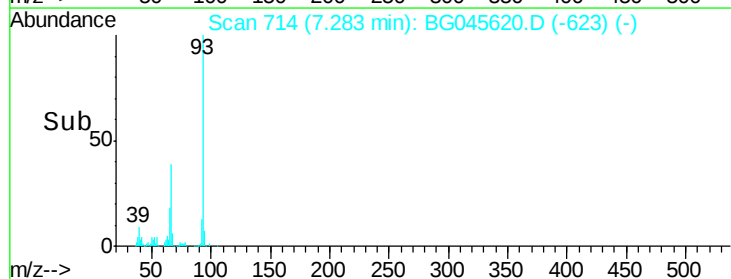
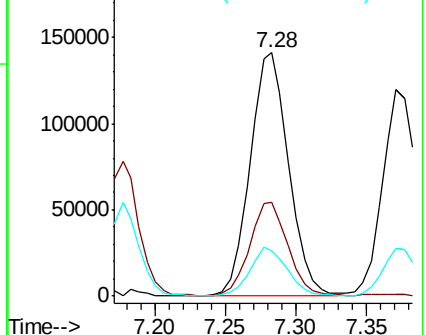
65 18.3 15.9 23.9

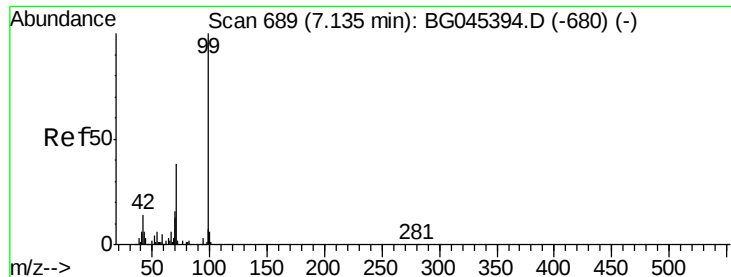


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 175.350 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

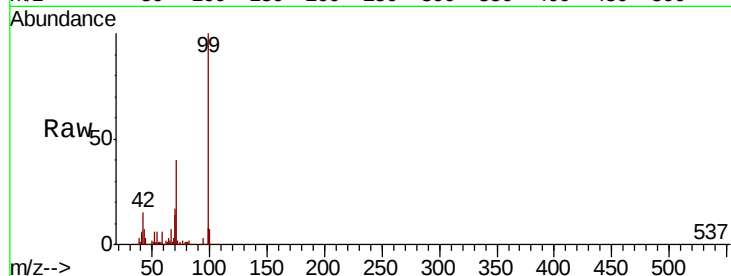
Tot Ion: 99 Resp: 830345

Ion Ratio Lower Upper

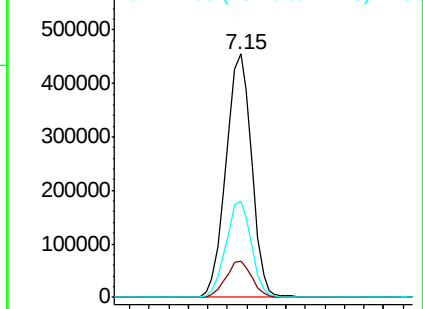
99 100

42 15.0 11.3 16.9

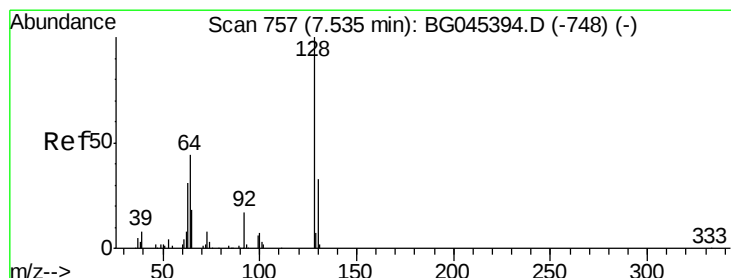
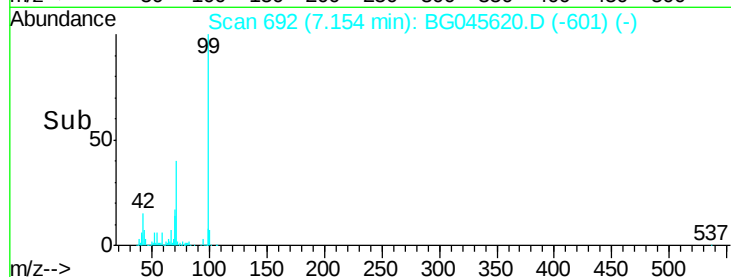
71 39.7 30.8 46.2



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



Time-->



#8

2-Chlorophenol

Concen: 60.114 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

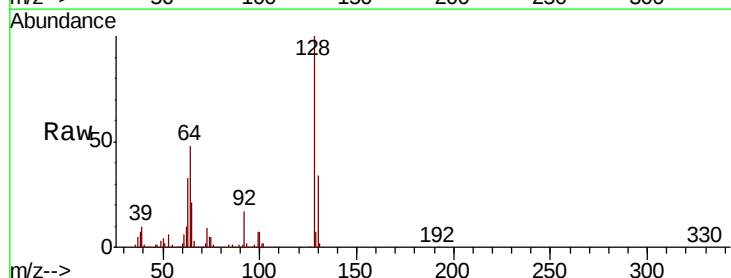
Tgt Ion:128 Resp: 219325

Ion Ratio Lower Upper

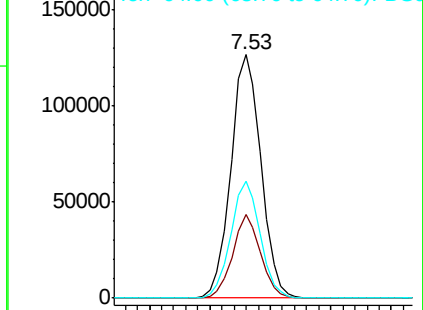
128 100

130 34.4 12.6 52.6

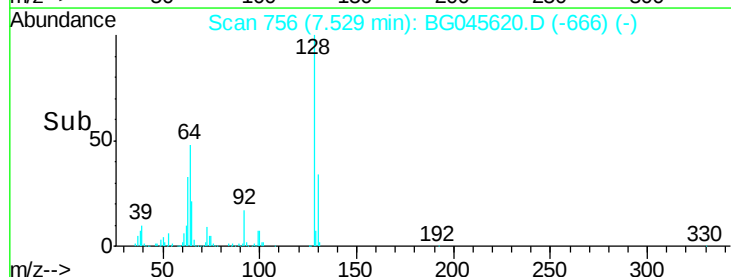
64 47.9 27.0 67.0

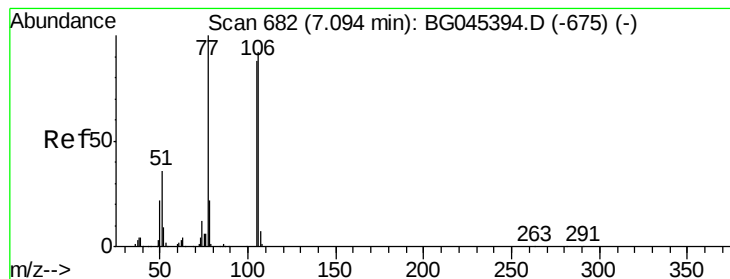


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 43.826 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

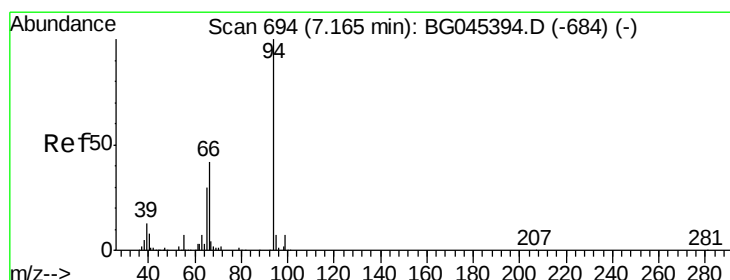
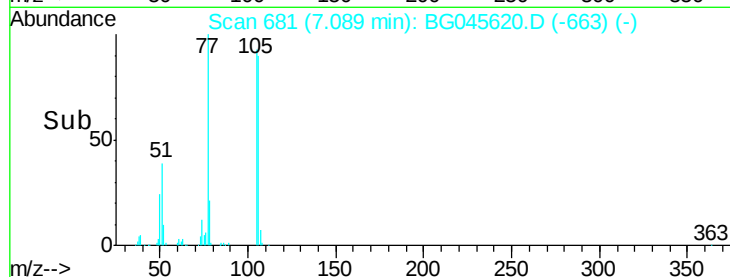
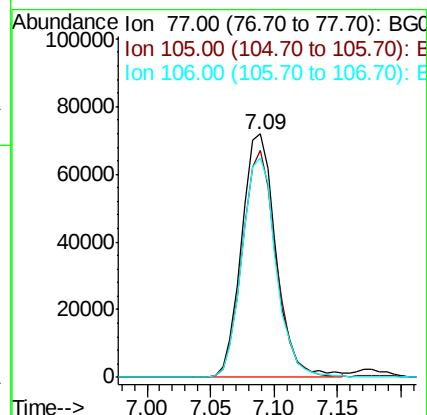
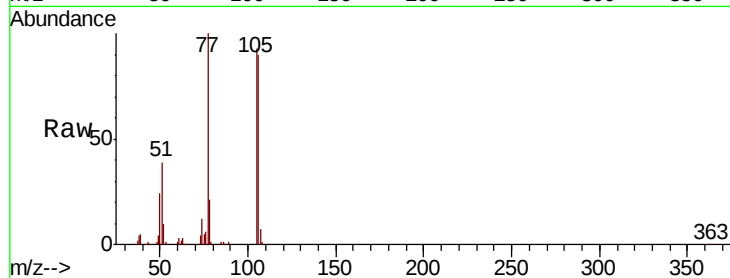
Tot Ion: 77 Resp: 135212

Ion Ratio Lower Upper

77 100

105 93.3 68.5 108.5

106 89.8 71.6 111.6



#10

Phenol

Concen: 59.558 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

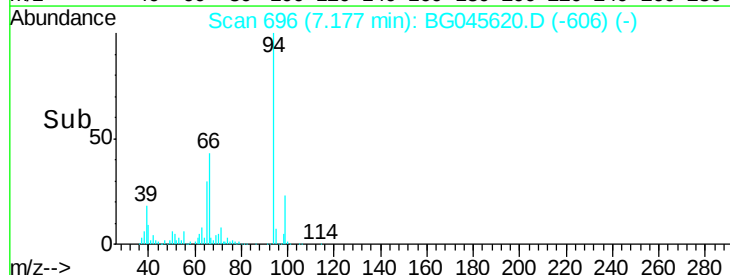
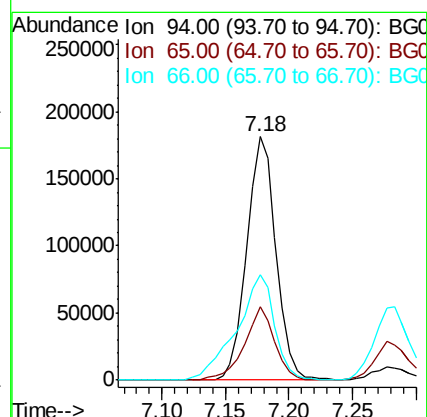
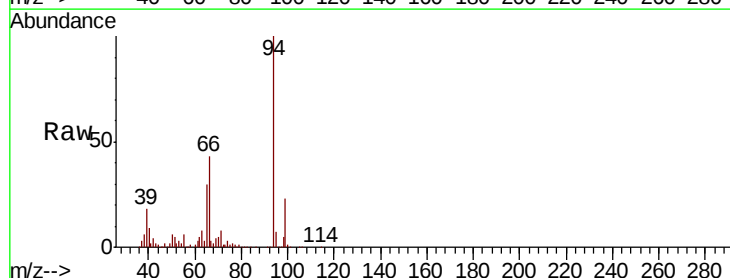
Tgt Ion: 94 Resp: 290670

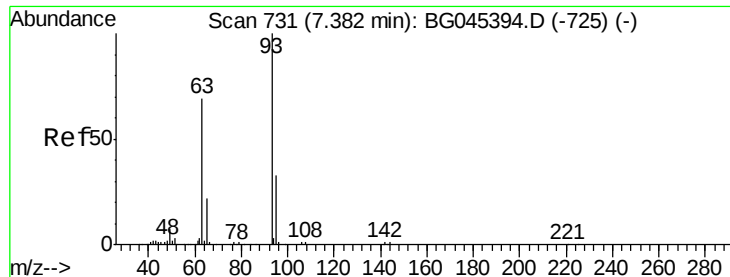
Ion Ratio Lower Upper

94 100

65 30.0 9.8 49.8

66 43.1 22.0 62.0

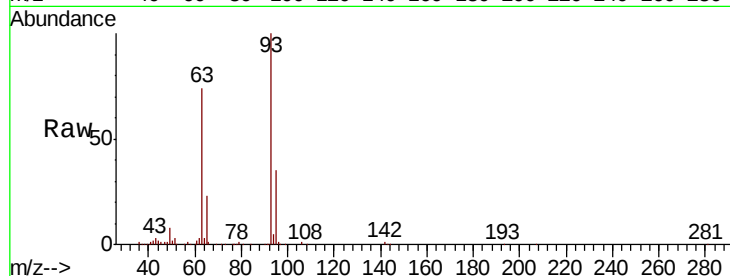




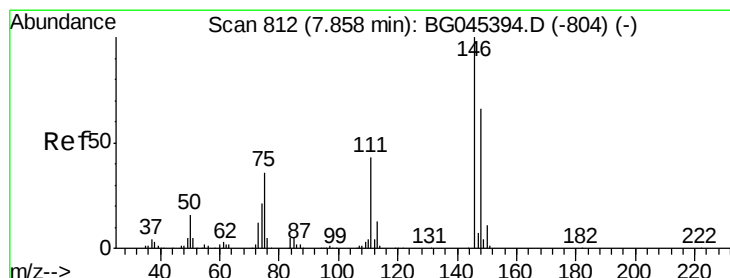
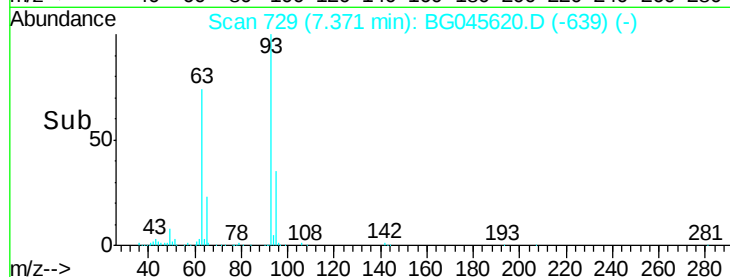
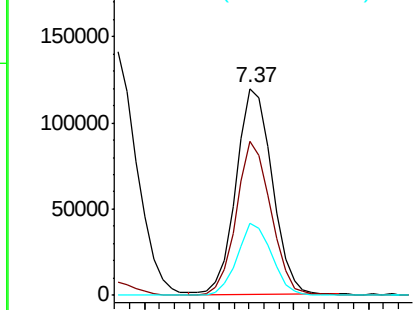
#11
bis(2-Chloroethyl)ether
Concen: 52.913 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	48.4	88.4
95	34.7	12.4	52.4

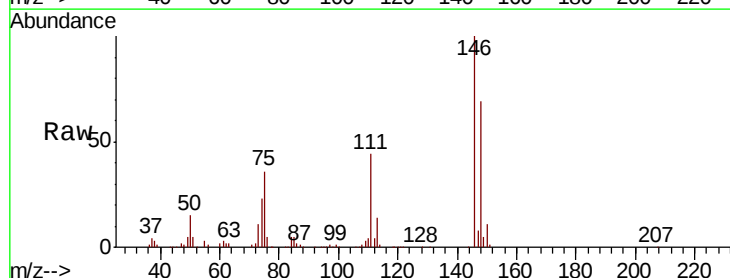


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

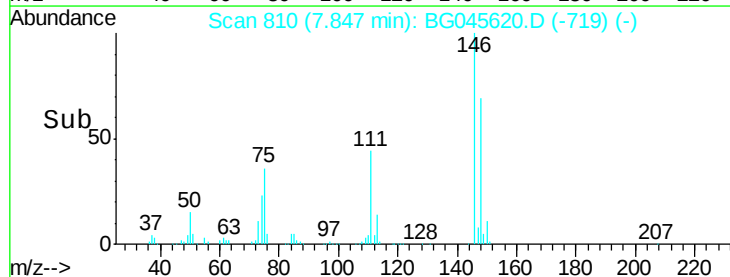
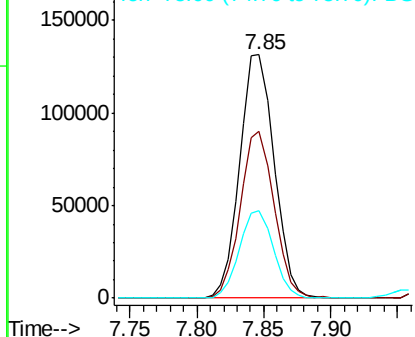


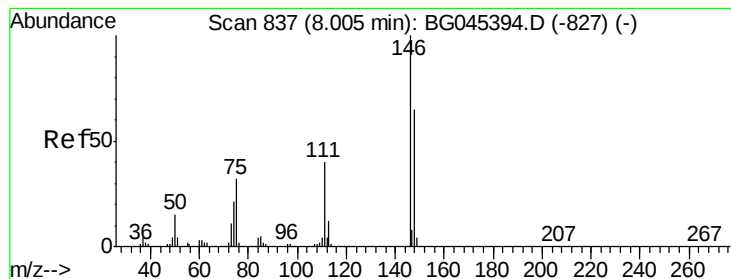
#12
1,3-Dichlorobenzene
Concen: 53.782 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	53.2	79.8
75	36.0	28.6	43.0



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





#13

1,4-Dichlorobenzene

Concen: 55.307 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

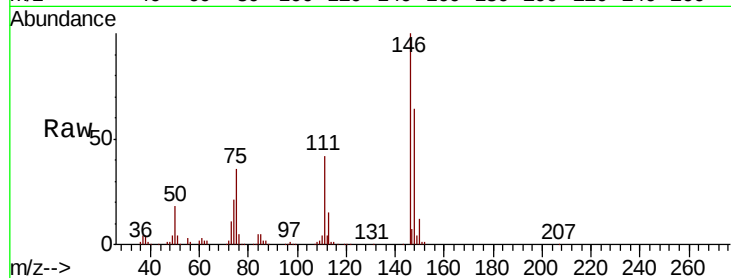
Tot Ion:146 Resp: 239307

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

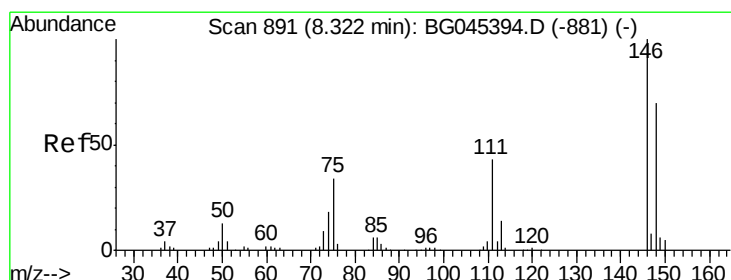
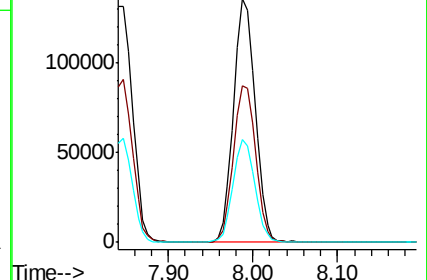
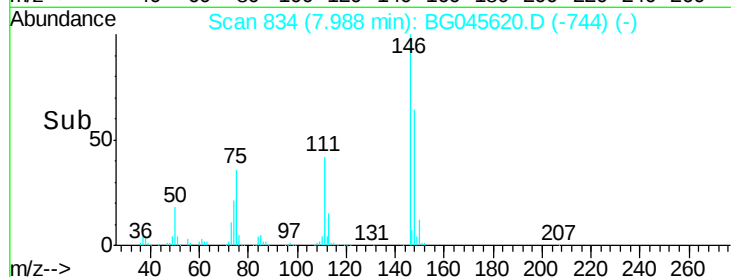
111 42.1 32.1 48.1



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: 53.594 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

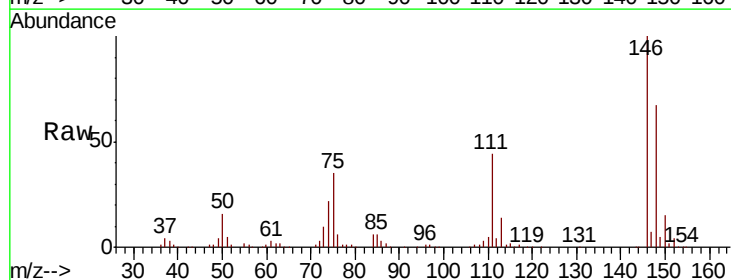
Tgt Ion:146 Resp: 223035

Ion Ratio Lower Upper

146 100

148 67.0 55.9 83.9

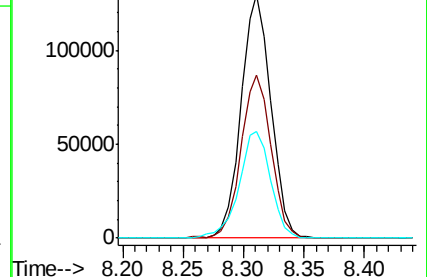
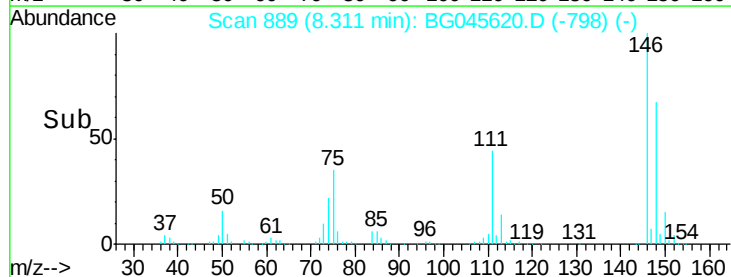
111 43.6 35.0 52.4



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: 57.309 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

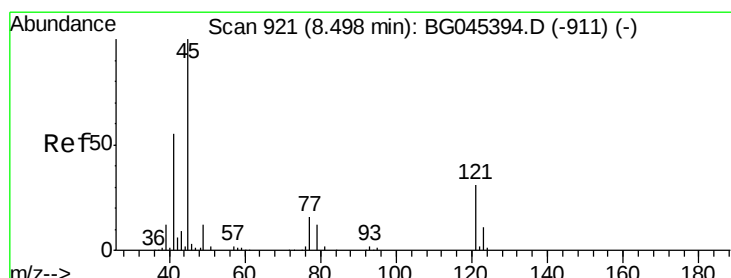
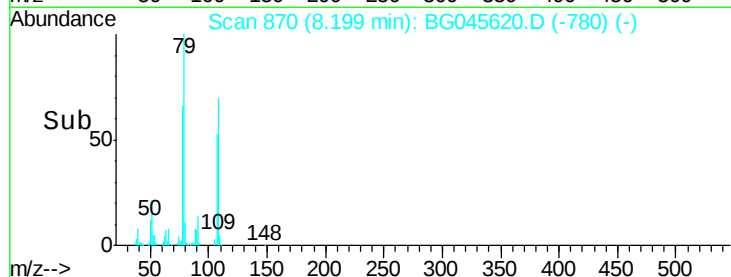
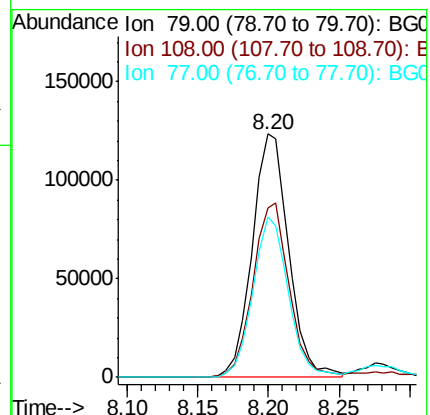
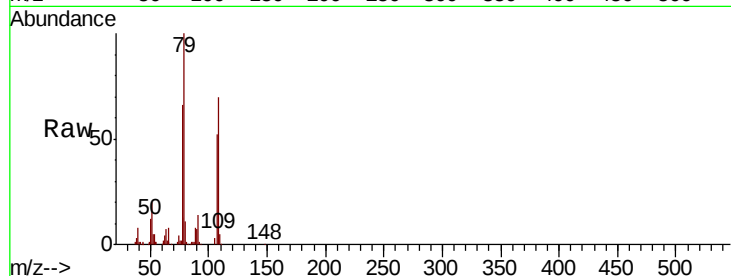
Tot Ion: 79 Resp: 224185

Ion Ratio Lower Upper

79 100

108 69.5 58.2 87.4

77 65.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.255 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

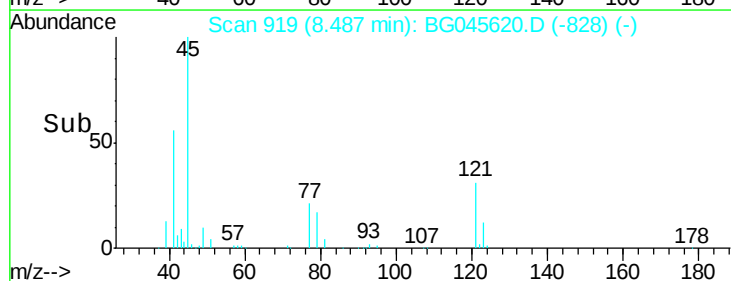
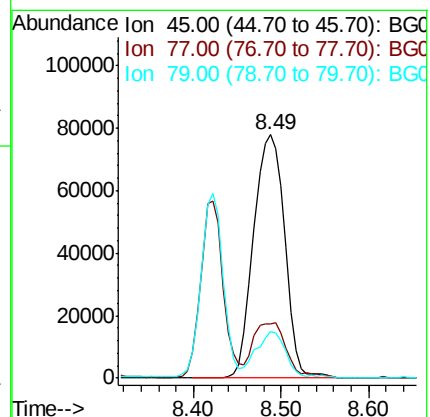
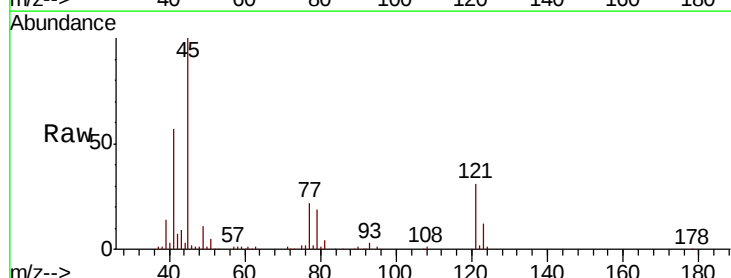
Tgt Ion: 45 Resp: 188822

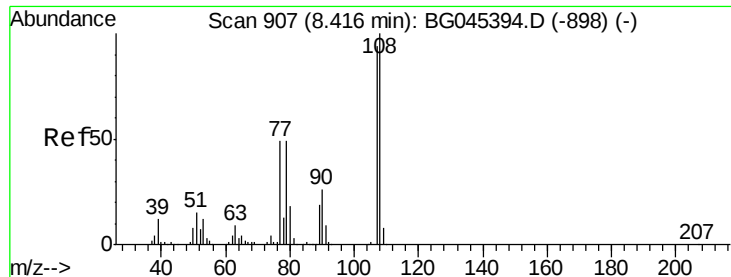
Ion Ratio Lower Upper

45 100

77 22.0 4.0 44.0

79 19.0 0.0 38.6





#17

2-Methylphenol

Concen: 52.922 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

Tot Ion:107 Resp: 193323

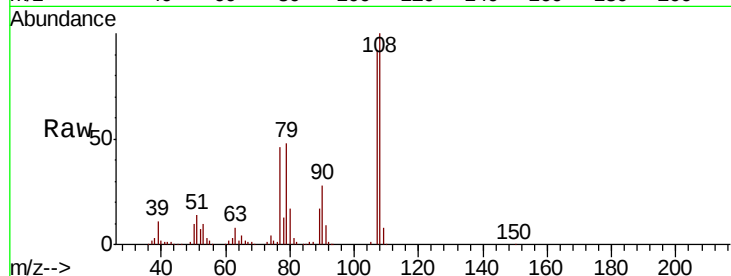
Ion Ratio Lower Upper

107 100

108 108.2 85.2 127.8

77 49.3 41.6 62.4

79 51.6 41.8 62.8

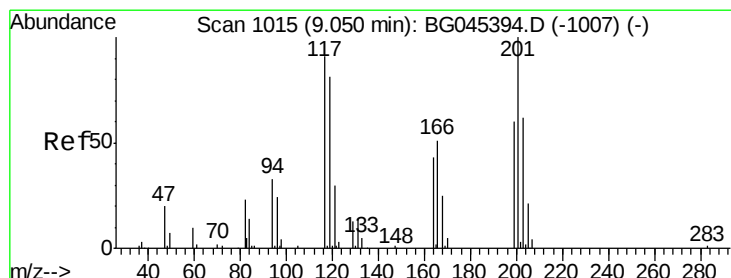
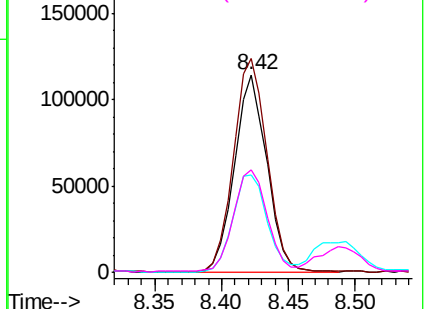
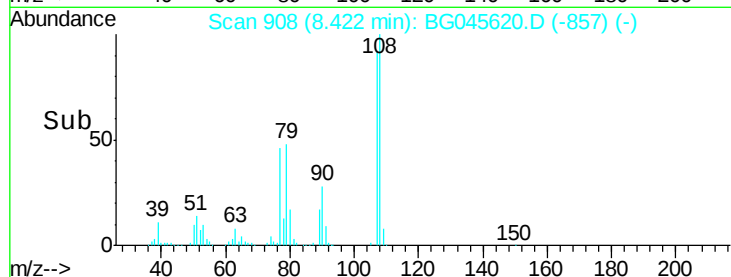


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 55.324 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

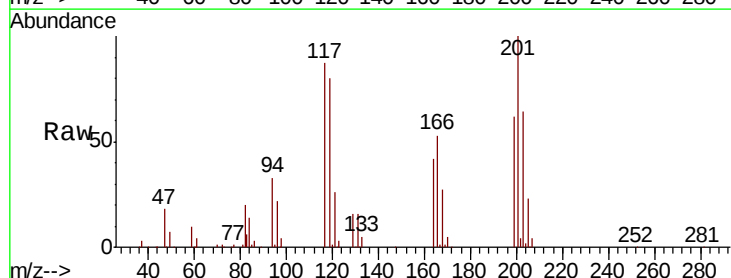
Tgt Ion:117 Resp: 91681

Ion Ratio Lower Upper

117 100

119 92.3 71.3 106.9

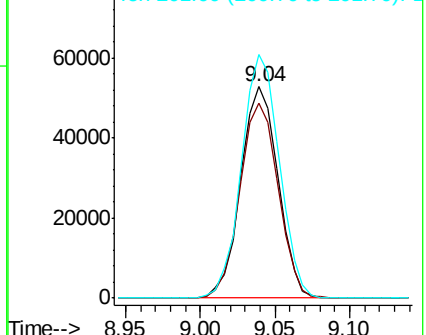
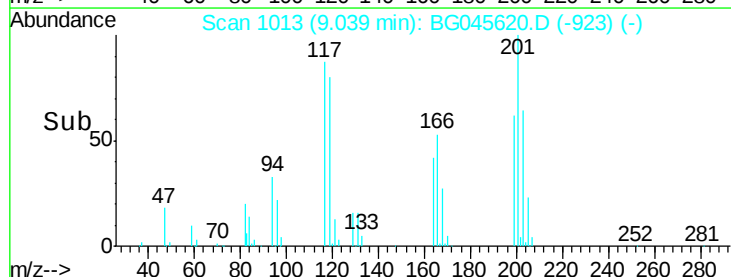
201 115.1 87.5 131.3

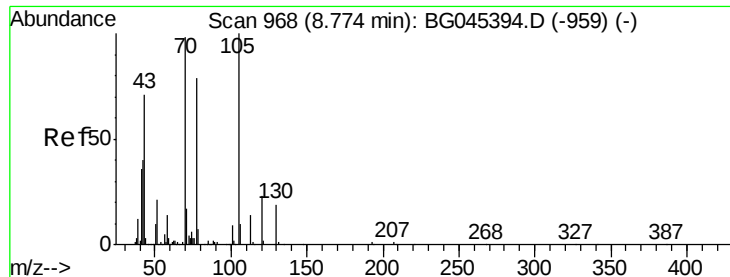


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

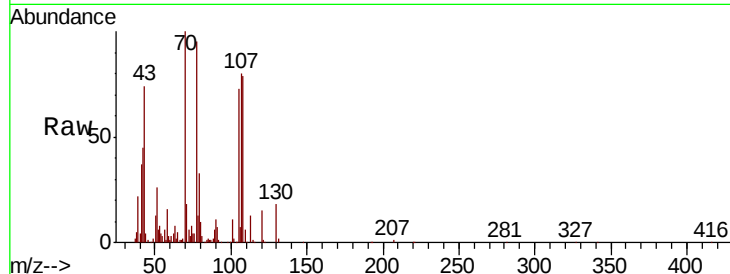




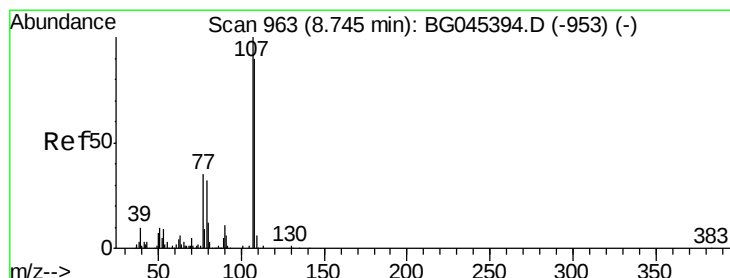
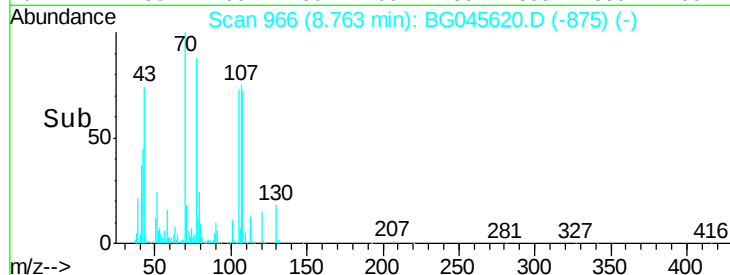
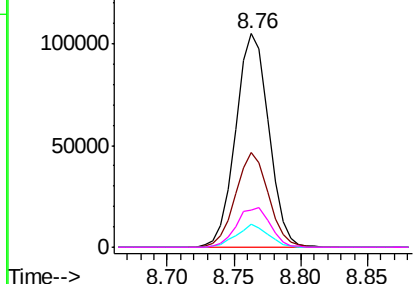
#19
n-Nitroso-di-n-propylamine
Concen: 54.999 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion: 70 Resp: 180098
Ion Ratio Lower Upper
70 100
42 44.6 33.2 49.8
101 10.8 7.8 11.6
130 17.5 15.4 23.2



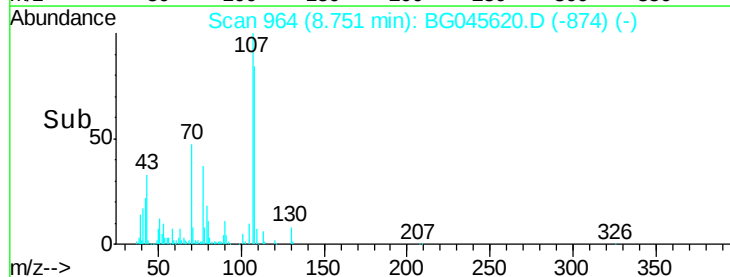
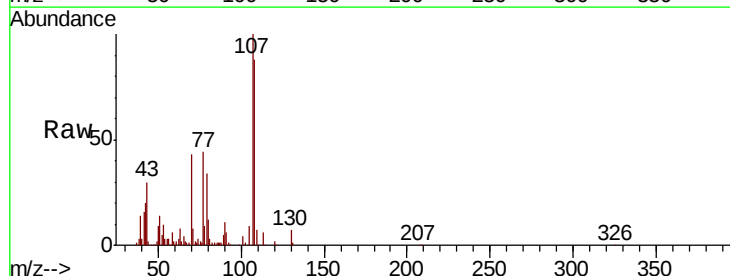
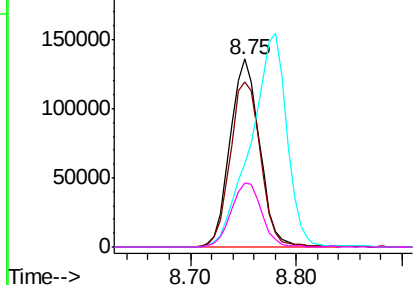
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

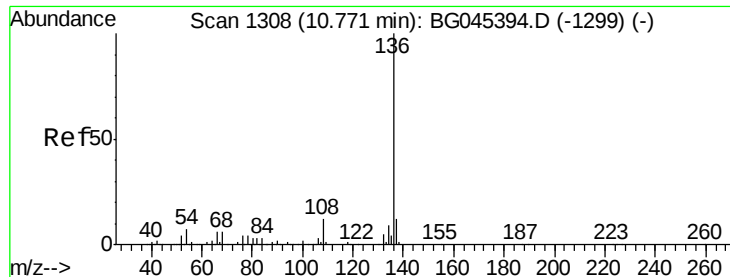


#20
3+4-Methylphenols
Concen: 52.635 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion: 107 Resp: 261829
Ion Ratio Lower Upper
107 100
108 88.2 70.3 110.3
77 44.2 15.4 55.4
79 33.8 12.6 52.6

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

Tot Ion:136 Resp: 248274

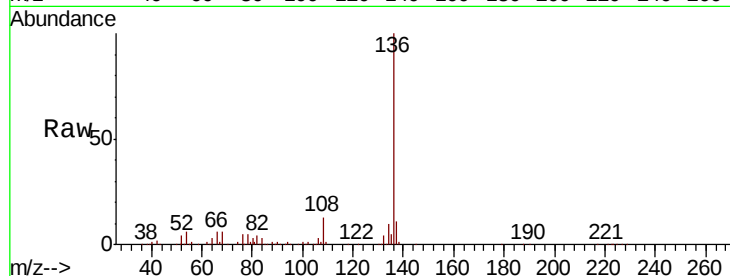
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 6.4 5.8 8.6

68 5.6 4.5 6.7

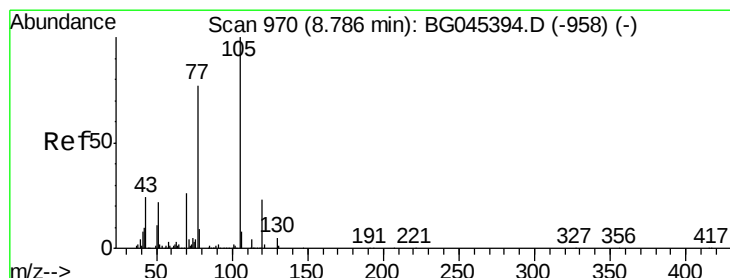
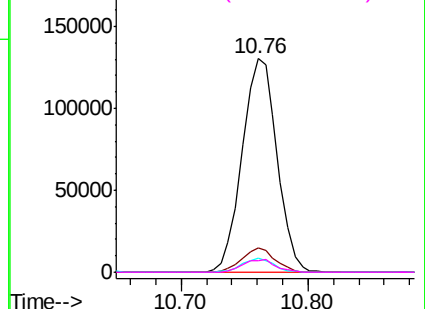
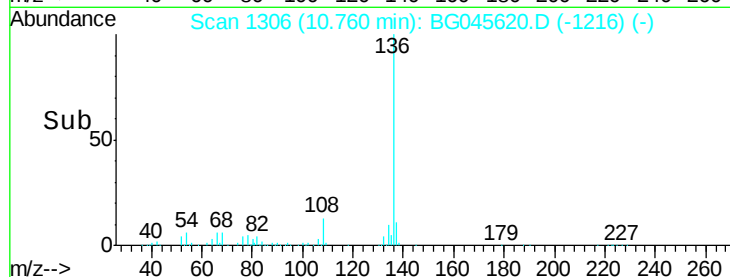


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 56.066 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:105 Resp: 329911

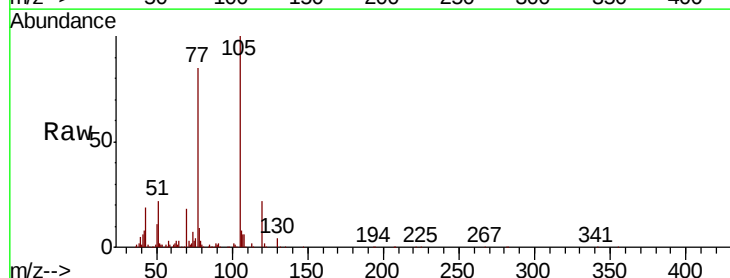
Ion Ratio Lower Upper

105 100

71 2.8 3.4 5.0#

51 21.9 18.2 27.2

120 21.7 18.6 27.8

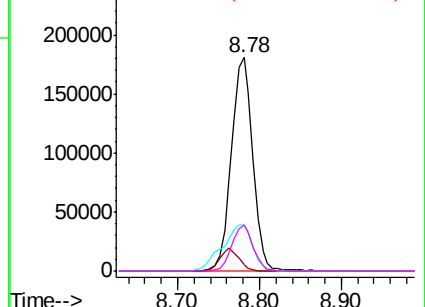
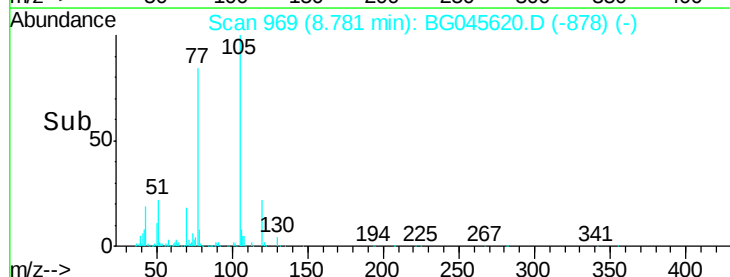


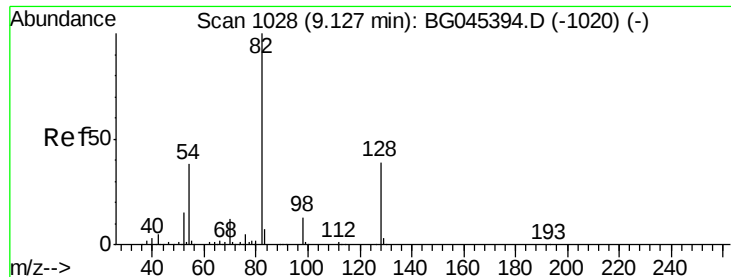
Abundance Ion 105.00 (104.70 to 105.70): E

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: 117.720 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

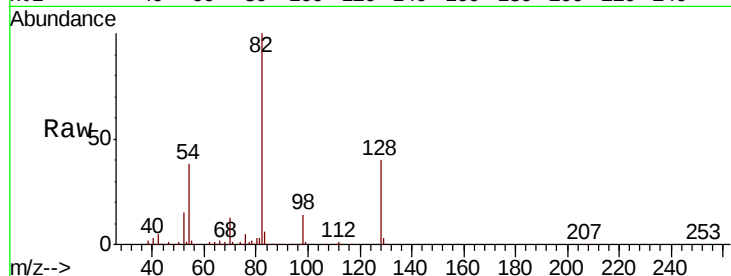
Tot Ion: 82 Resp: 535963

Ion Ratio Lower Upper

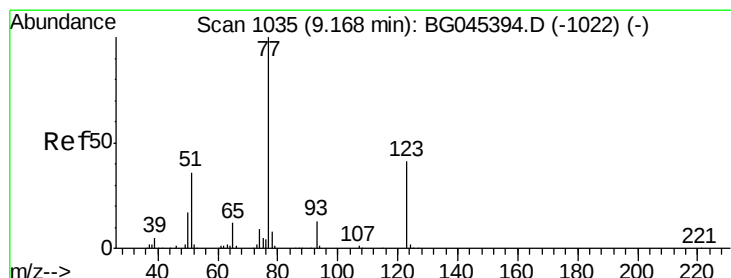
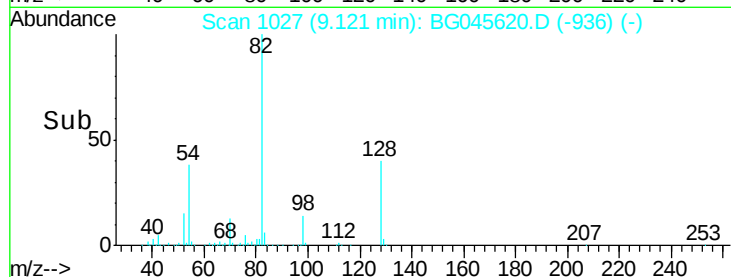
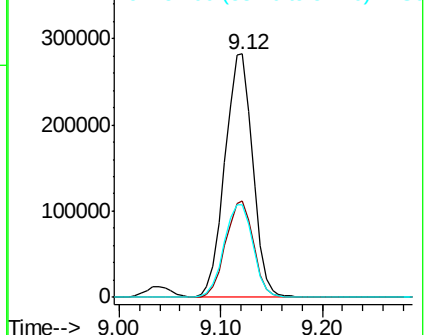
82 100

128 39.8 30.9 46.3

54 38.1 30.3 45.5



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



#24

Nitrobenzene

Concen: 56.238 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

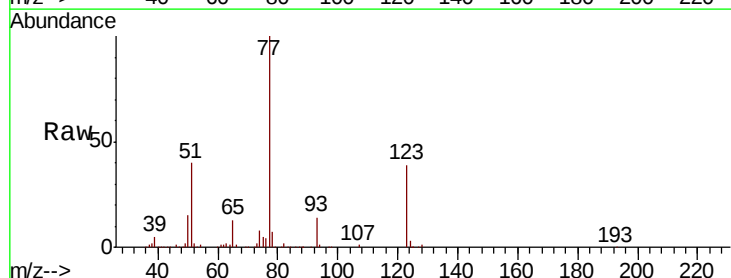
Tgt Ion: 77 Resp: 274325

Ion Ratio Lower Upper

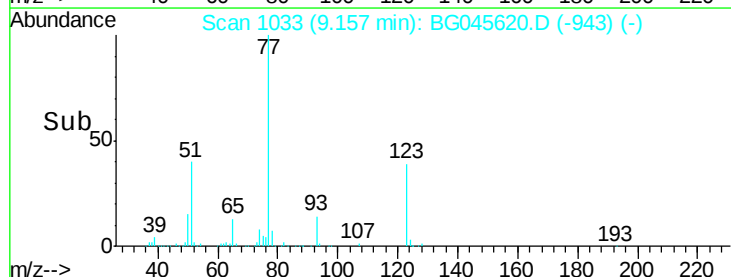
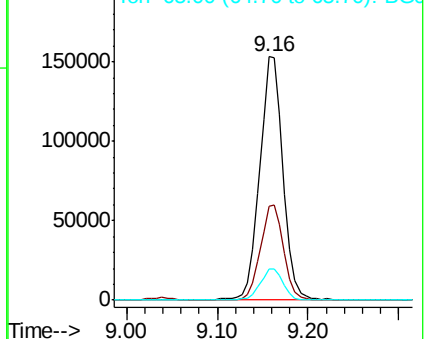
77 100

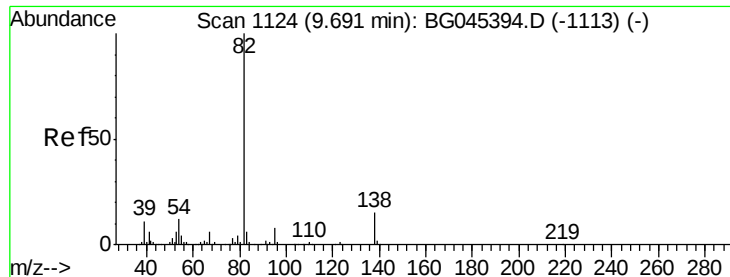
123 38.8 32.9 49.3

65 12.8 9.4 14.2



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: 54.932 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

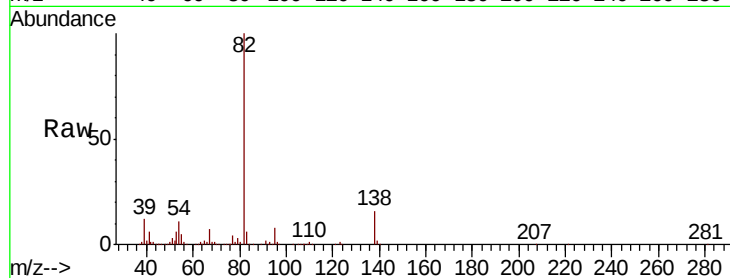
Tot Ion: 82 Resp: 492540

Ion Ratio Lower Upper

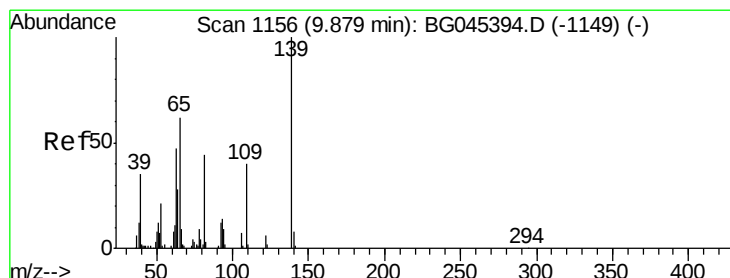
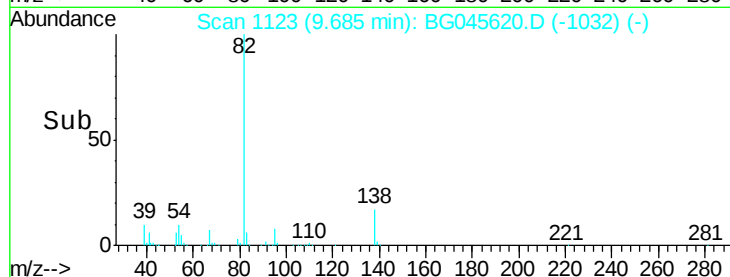
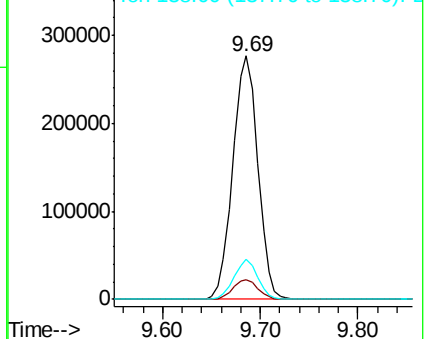
82 100

95 8.0 6.7 10.1

138 16.4 12.2 18.4



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: 57.910 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

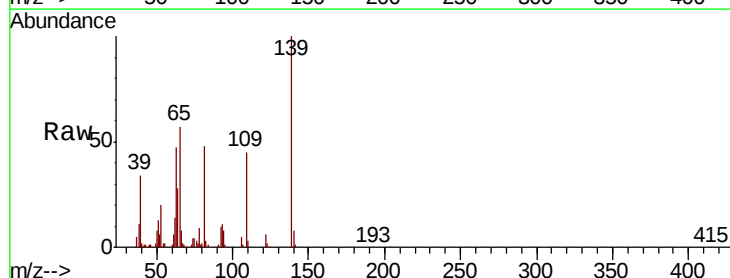
Tgt Ion: 139 Resp: 120839

Ion Ratio Lower Upper

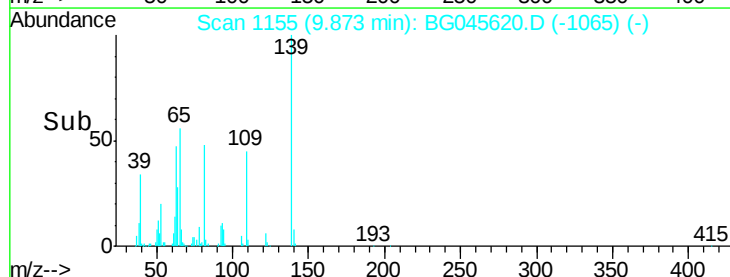
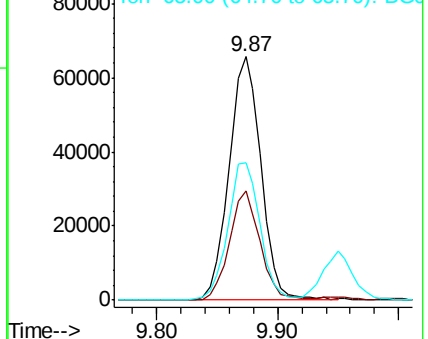
139 100

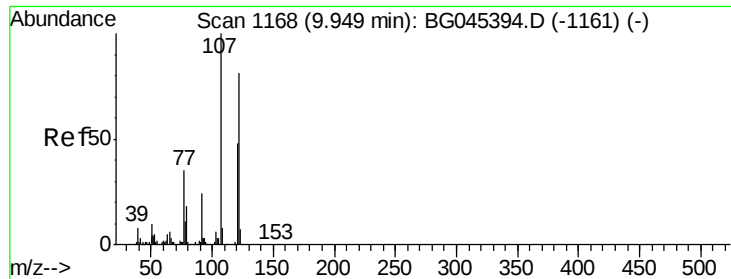
109 44.9 32.2 48.4

65 56.5 49.6 74.4



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

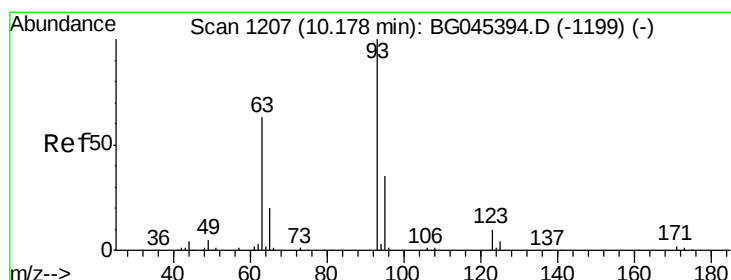
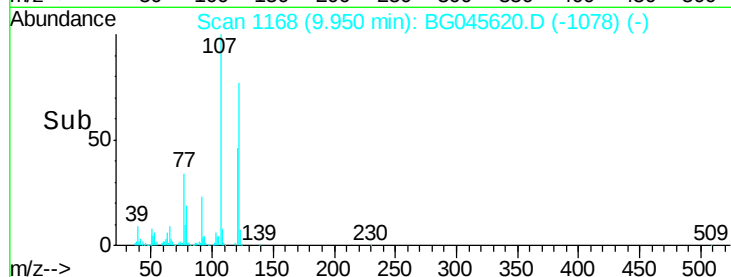
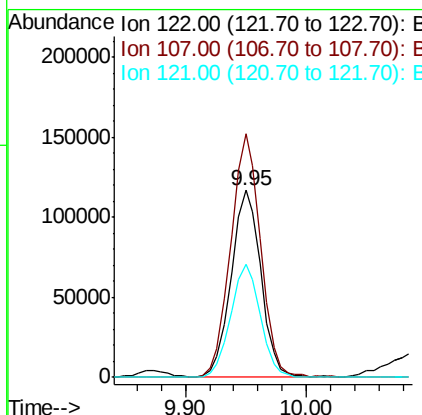
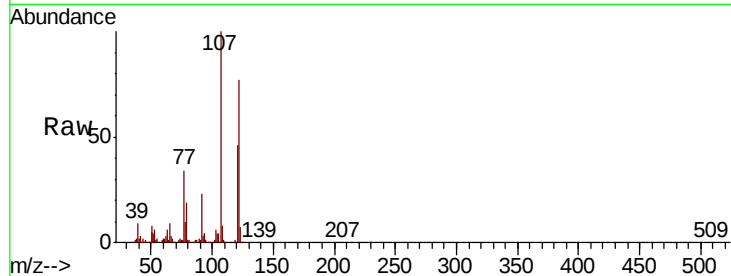




#27
2,4-Dimethylphenol
Concen: 64.684 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

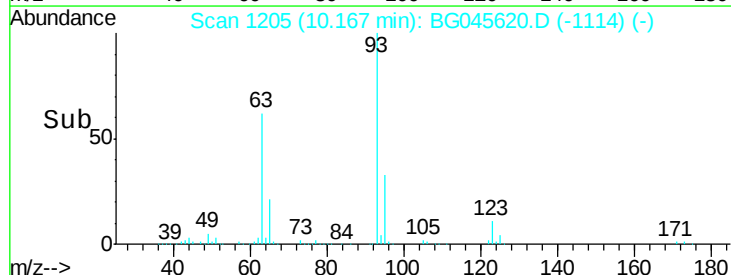
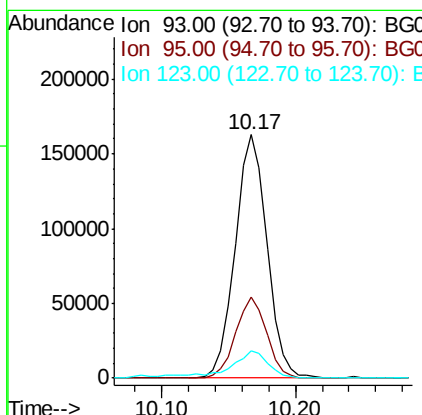
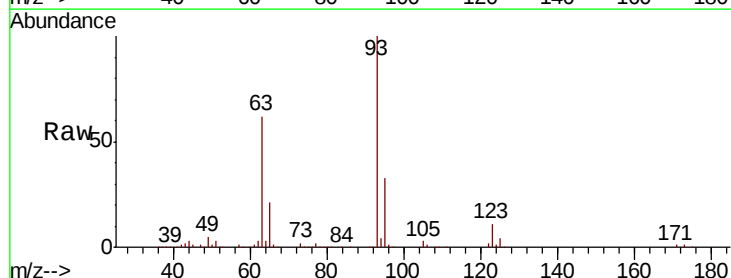
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.3	99.0	148.4
121	60.5	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 57.146 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.6	41.4
123	11.0	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 59.917 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

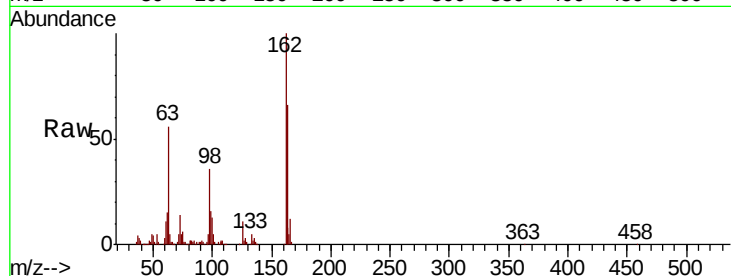
Tot Ion:162 Resp: 218977

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

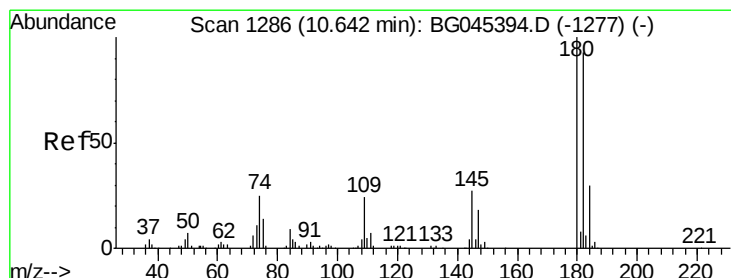
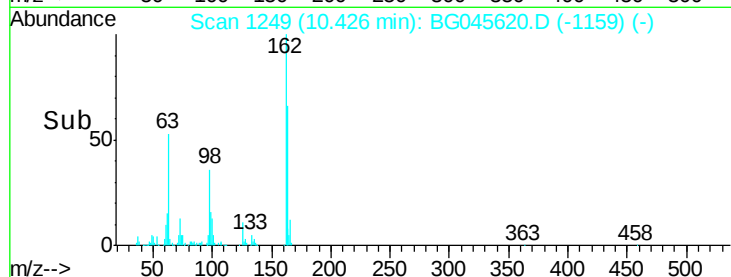
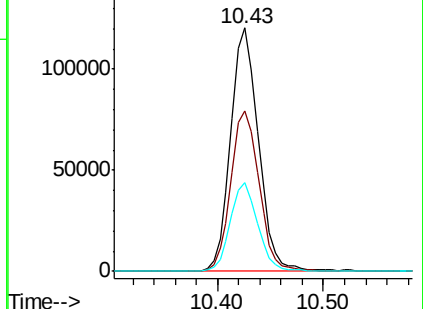
98 36.2 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 55.605 ng

RT: 10.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

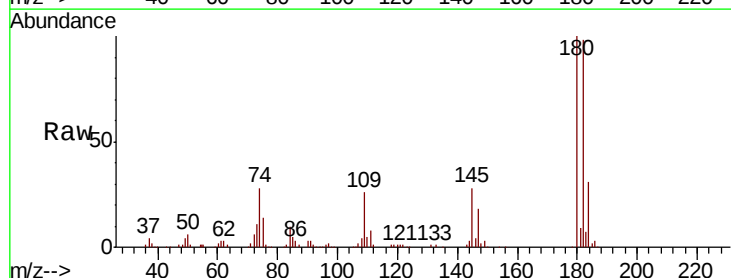
Tgt Ion:180 Resp: 240134

Ion Ratio Lower Upper

180 100

182 98.2 74.8 112.2

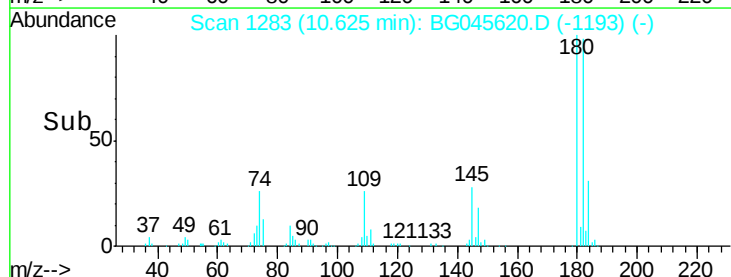
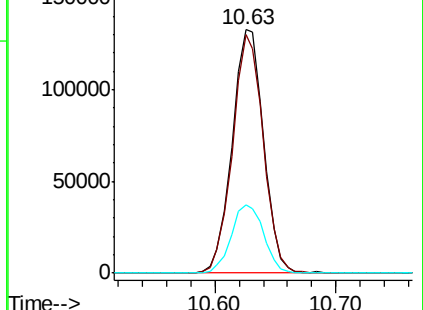
145 28.1 21.9 32.9

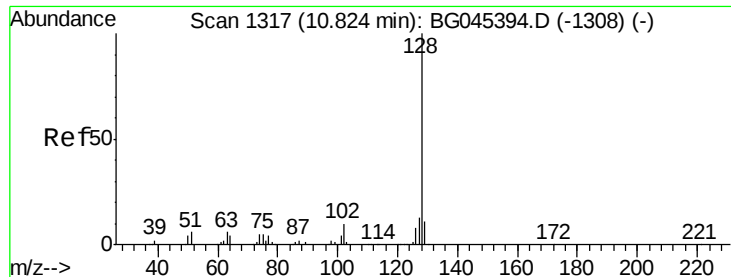


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

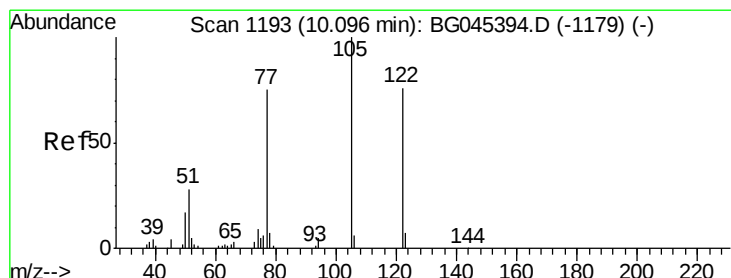
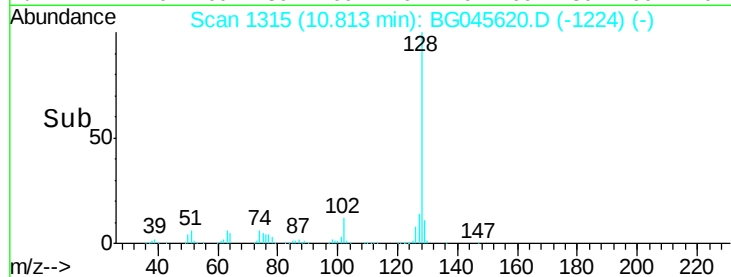
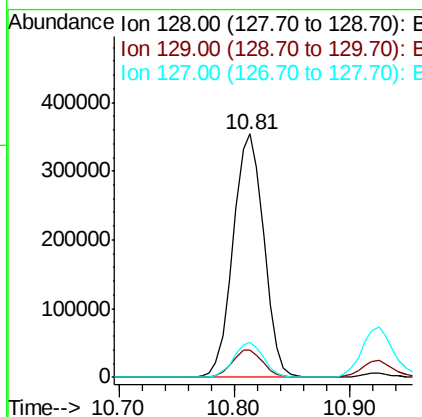
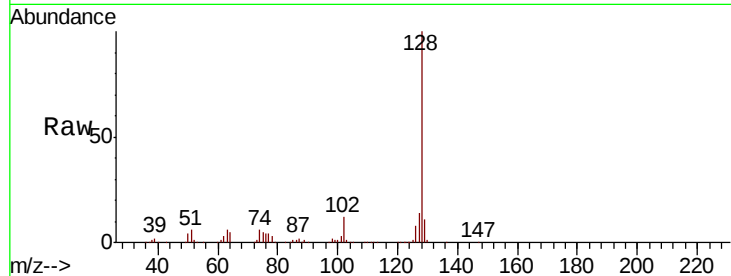




#31
Naphthalene
Concen: 56.308 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

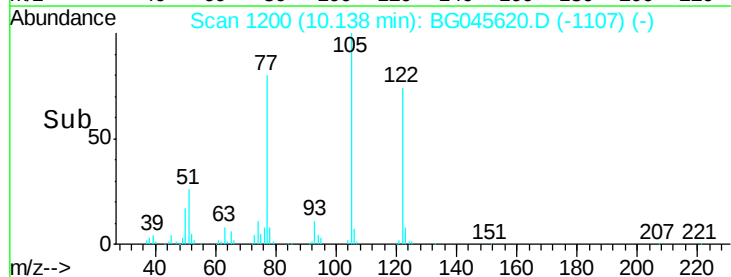
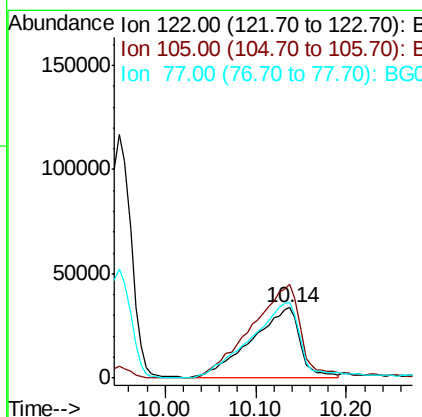
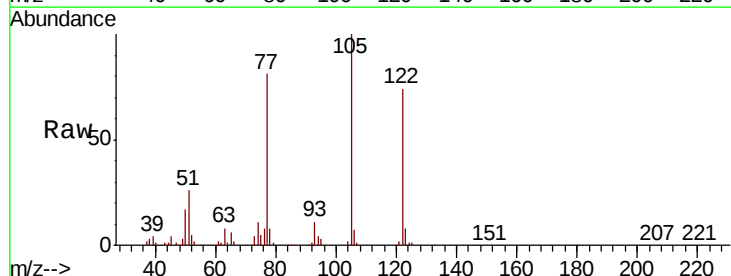
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:128 Resp: 651448
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.3 10.7 16.1



#32
Benzoic acid
Concen: 56.848 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:122 Resp: 124573
Ion Ratio Lower Upper
122 100
105 134.3 107.9 147.9
77 108.1 78.9 118.9

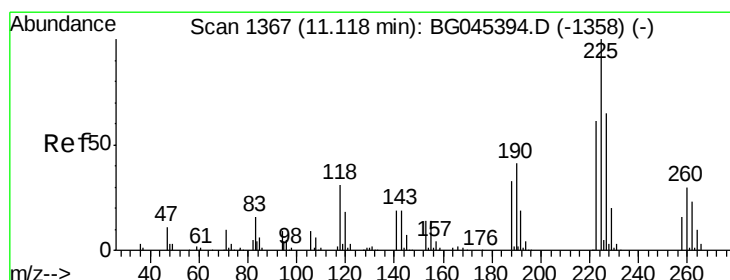
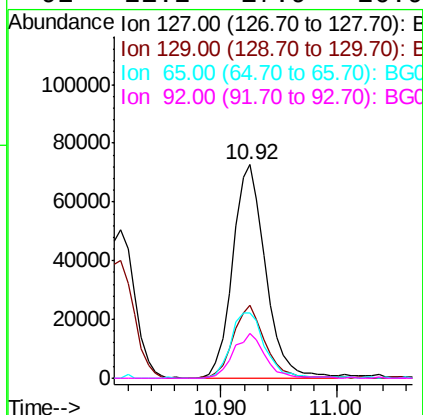
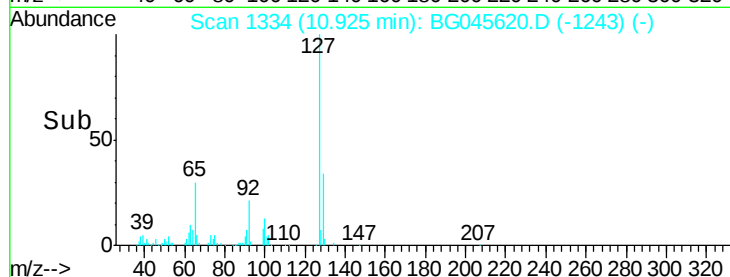
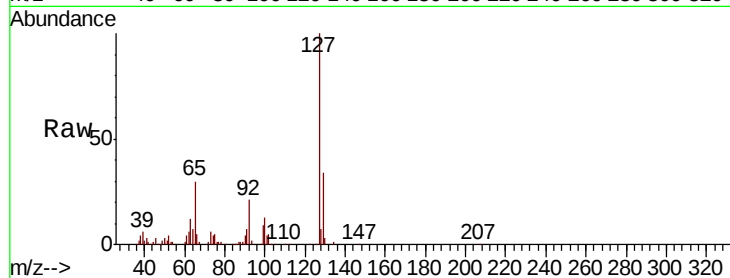




#33
4-Chloroaniline
Concen: 29.696 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

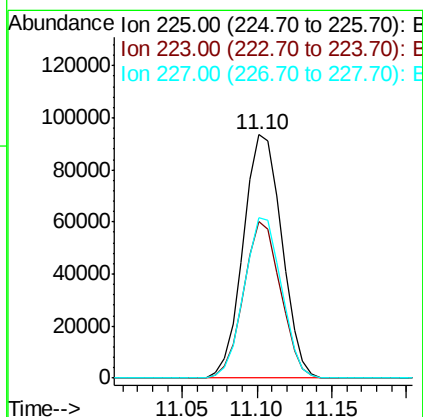
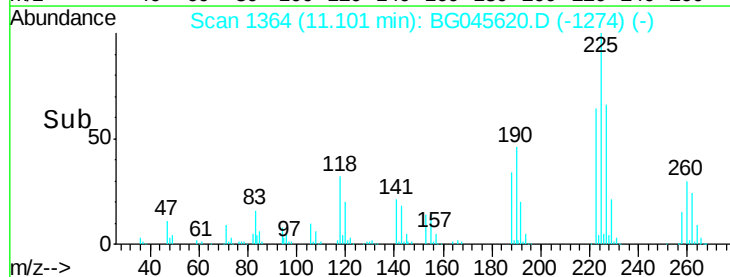
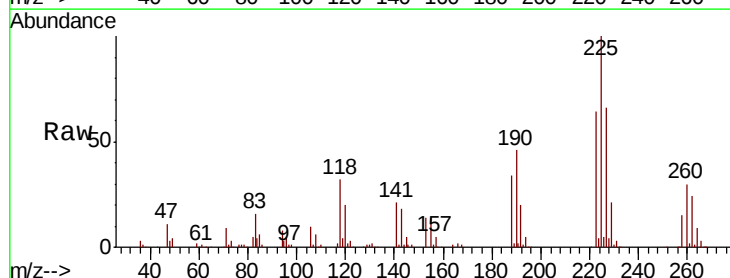
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:	127	Resp:	143613
Ion	Ratio	Lower	Upper
127	100		
129	34.1	24.7	37.1
65	30.3	26.2	39.2
92	21.2	17.9	26.9



#34
Hexachlorobutadiene
Concen: 54.668 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:	225	Resp:	166883
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.1	73.7
227	65.9	52.0	78.0





#35

Caprolactam

Concen: 33.147 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

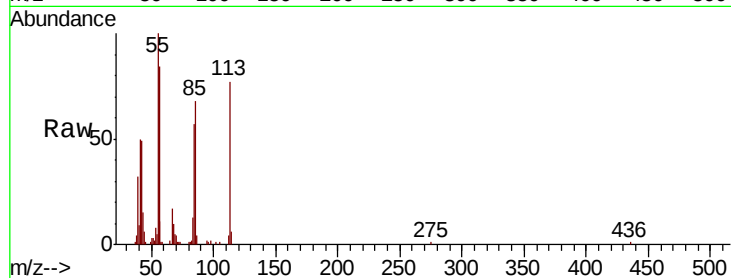
Tot Ion:113 Resp: 44465

Ion Ratio Lower Upper

113 100

55 129.6 96.0 136.0

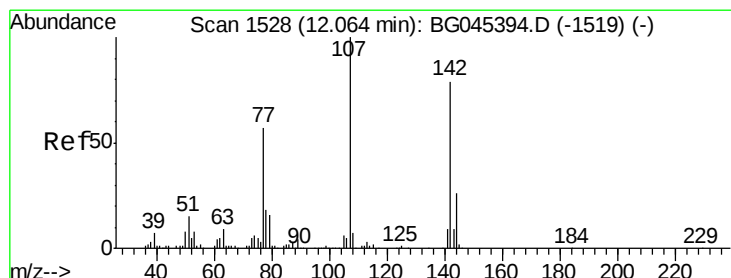
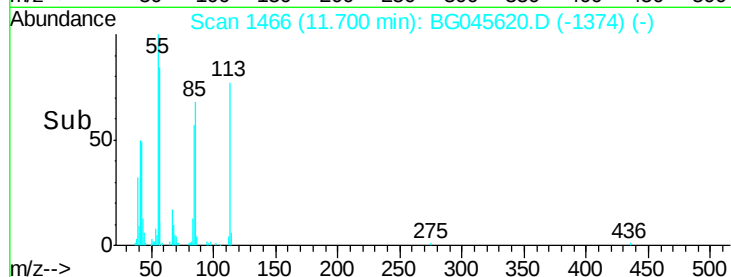
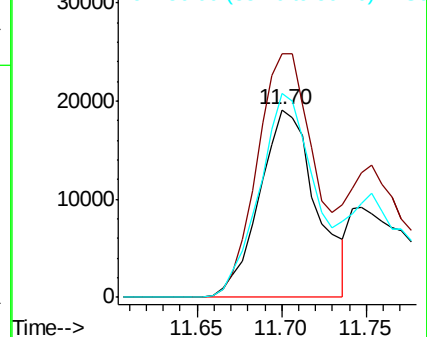
56 108.7 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 60.100 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

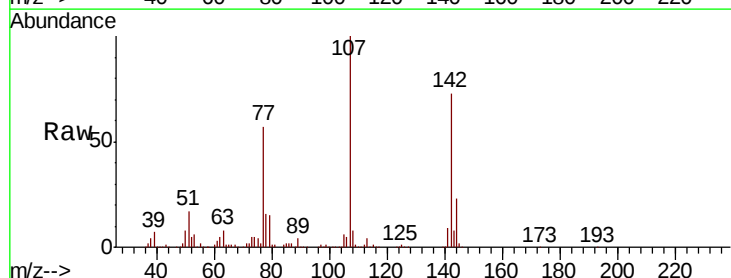
Tgt Ion:107 Resp: 247505

Ion Ratio Lower Upper

107 100

144 23.2 20.8 31.2

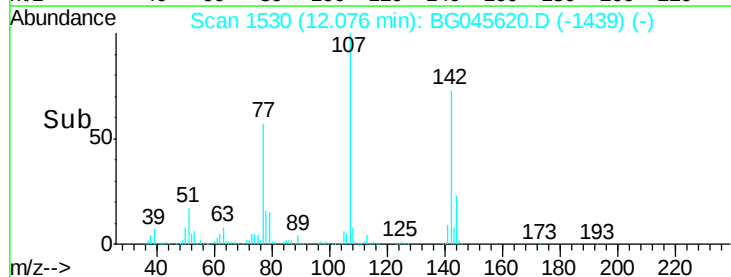
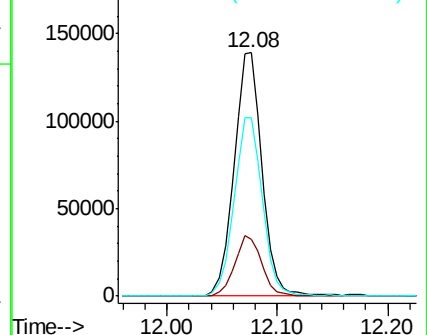
142 73.1 62.8 94.2

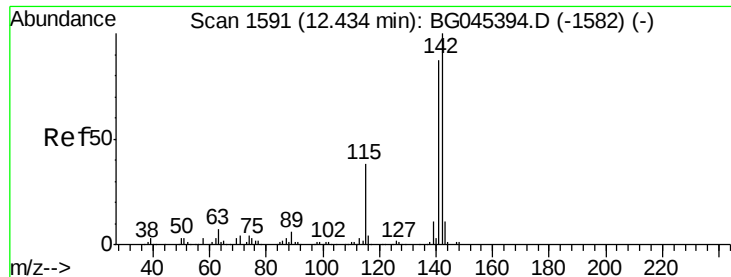


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

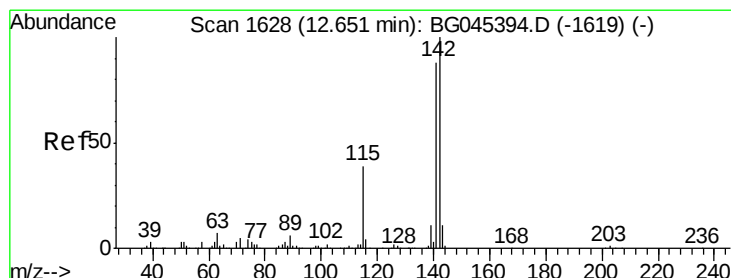
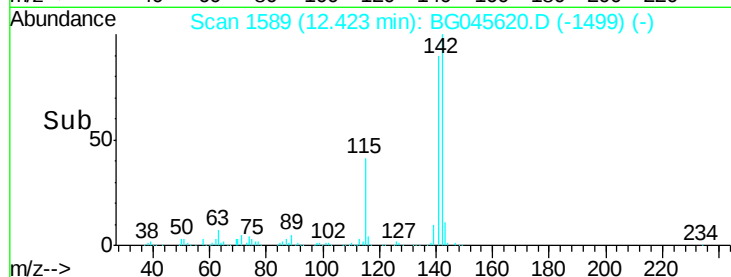
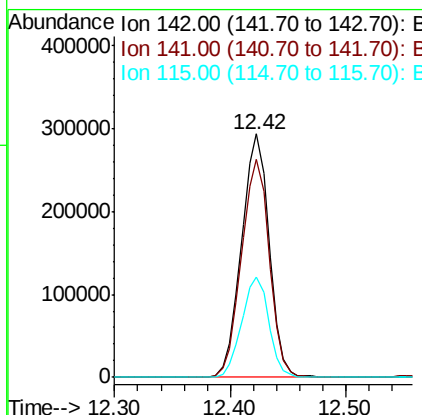
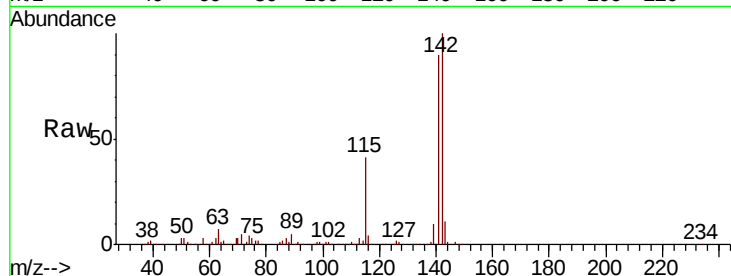




#37
 2-Methylnaphthalene
 Concen: 56.482 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

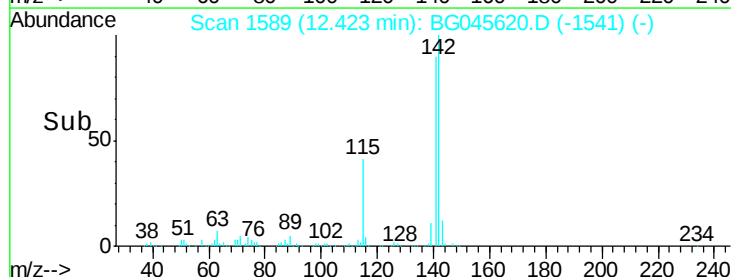
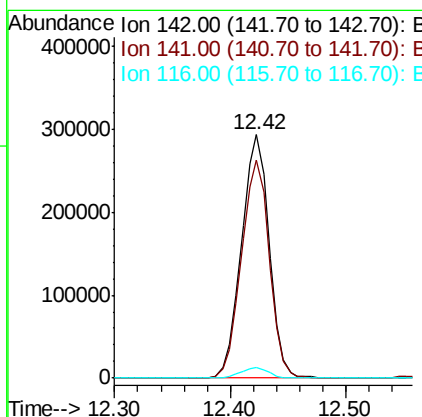
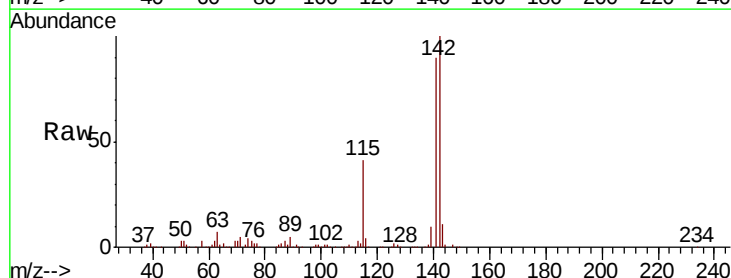
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.0	105.0
115	41.2	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 59.793 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

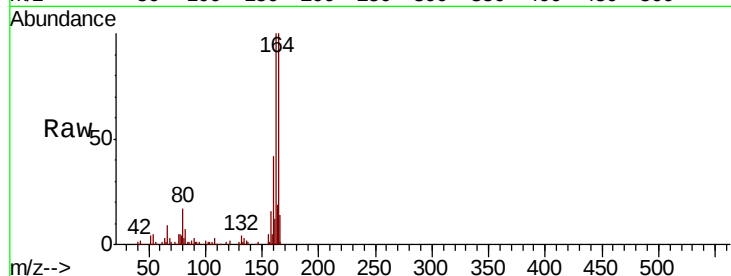
Tot Ion:164 Resp: 174673

Ion Ratio Lower Upper

164 100

162 100.3 76.9 115.3

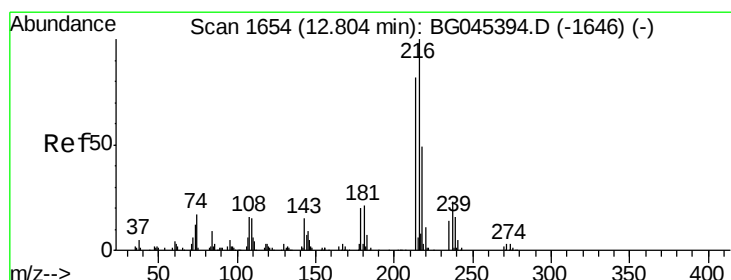
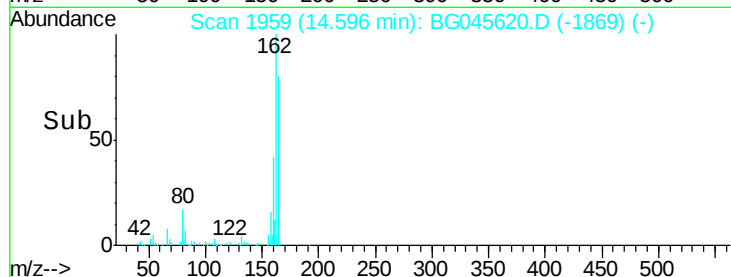
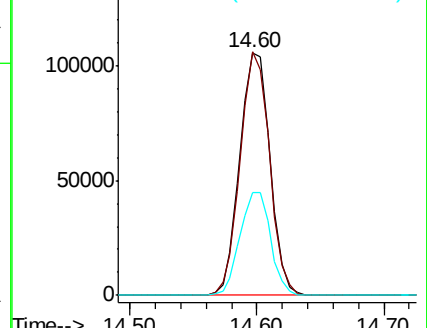
160 42.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.538 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:216 Resp: 275843

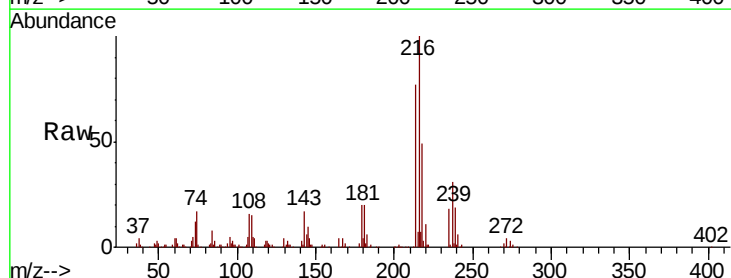
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 20.2 16.1 24.1

108 19.4 13.8 20.6

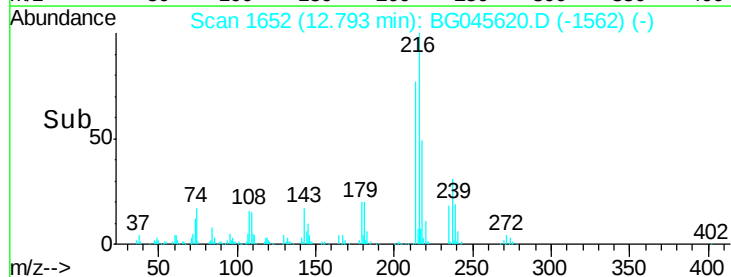
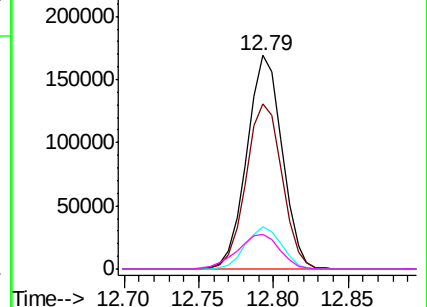


Abundance Ion 216.00 (215.70 to 216.70): E

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: 116.631 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

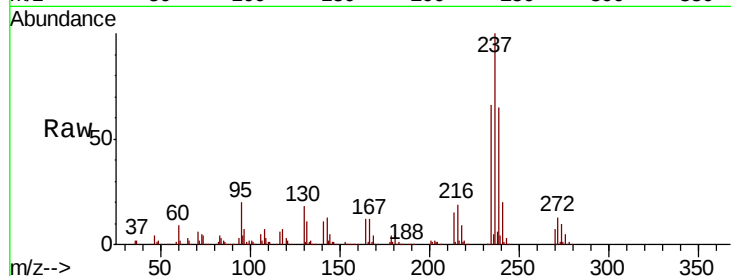
Tot Ion:237 Resp: 328434

Ion Ratio Lower Upper

237 100

235 65.5 44.4 84.4

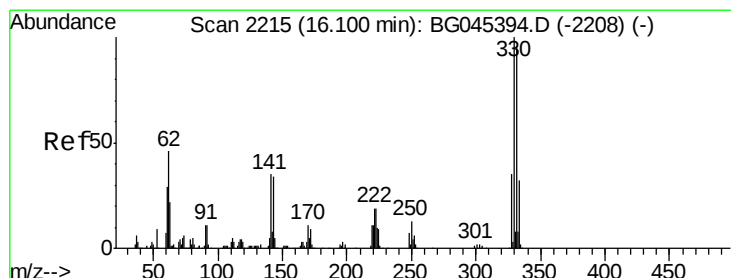
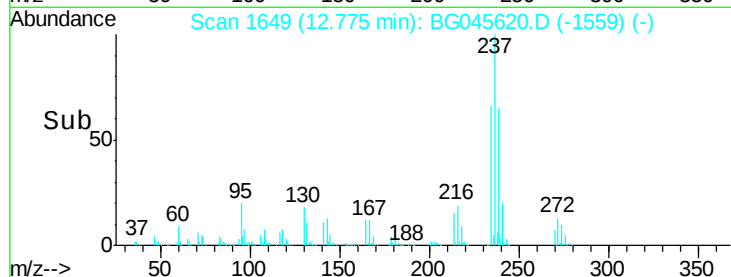
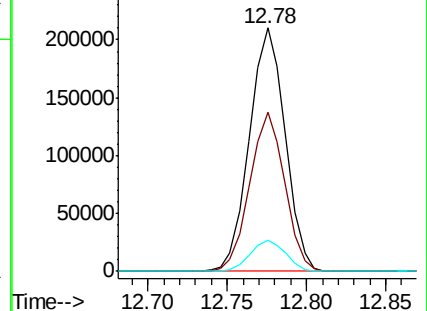
272 13.0 0.0 32.5



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: 175.095 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

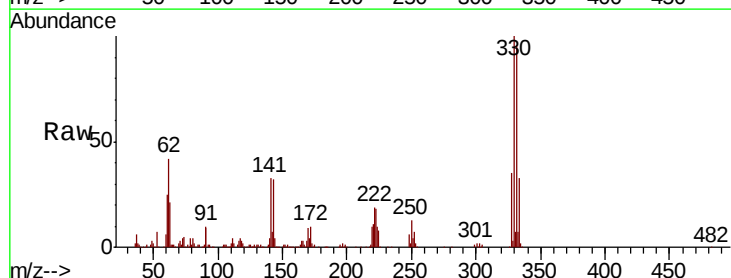
Tgt Ion:330 Resp: 391139

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

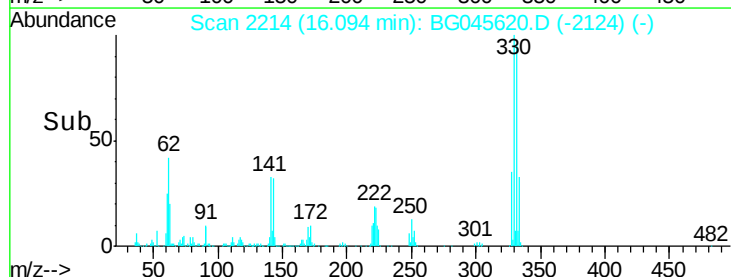
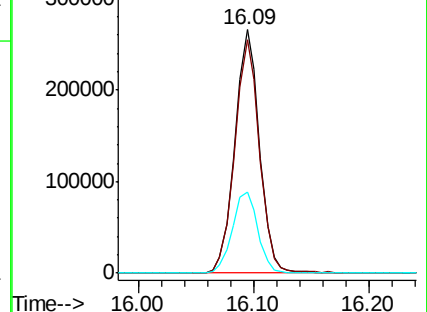
141 34.6 28.2 42.4

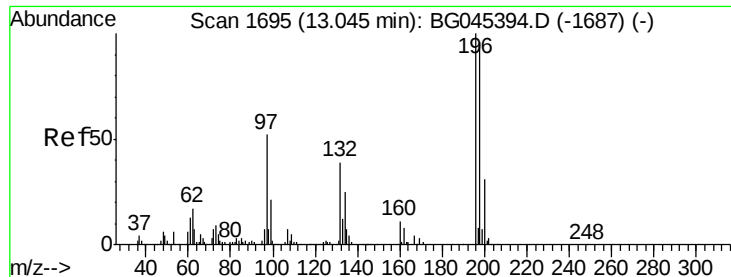


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

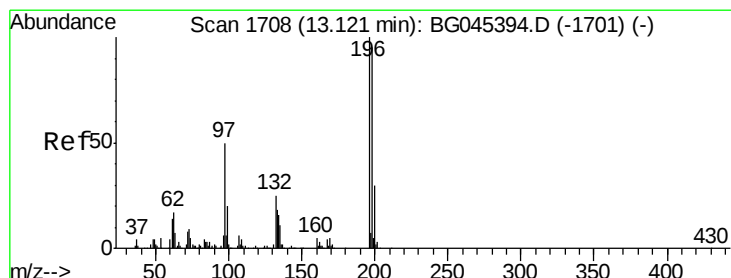
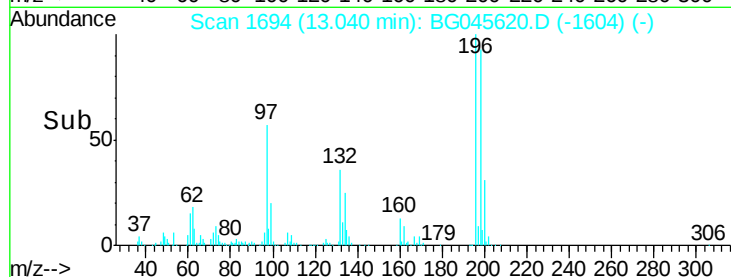
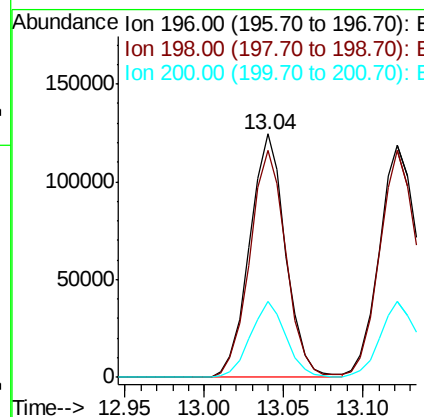
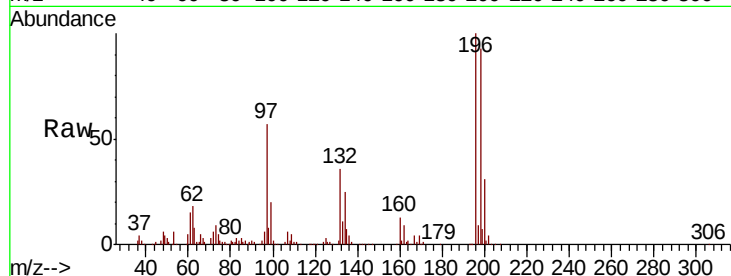




#43
 2,4,6-Trichlorophenol
 Concen: 57.853 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

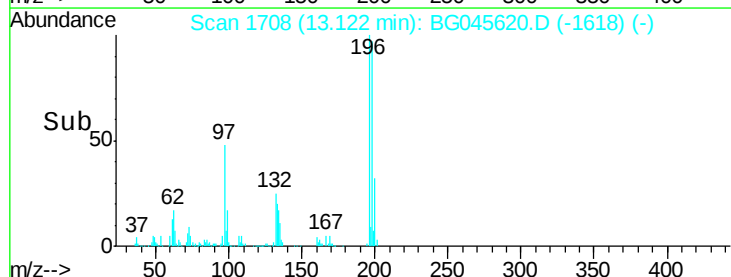
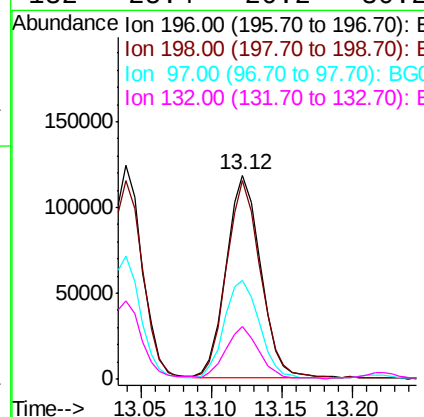
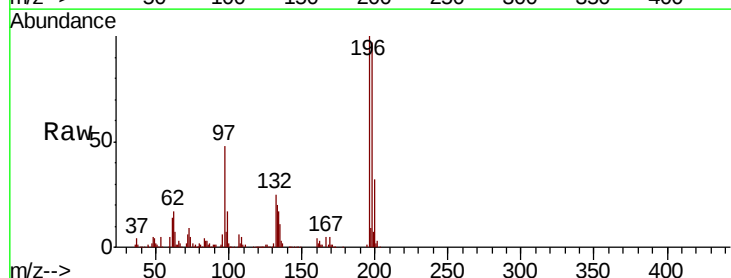
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion:196 Resp: 196074
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.7 115.1
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.842 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion:196 Resp: 200783
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.1 114.1
 97 48.1 40.0 60.0
 132 25.4 20.2 30.2

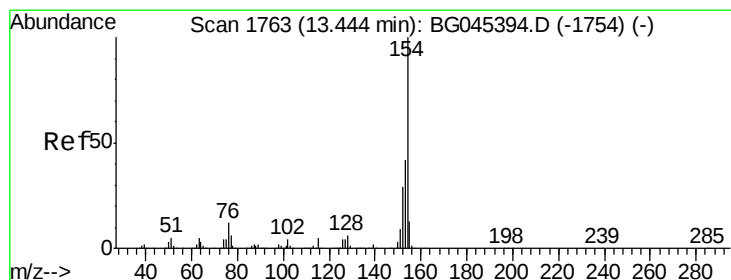
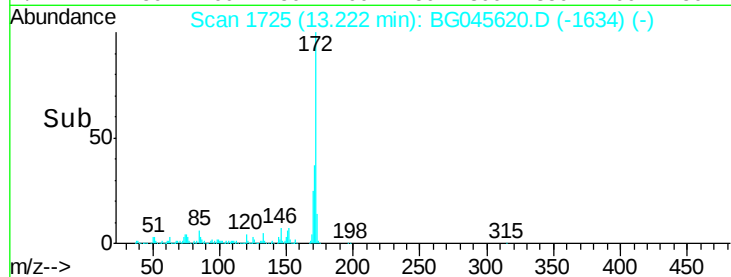
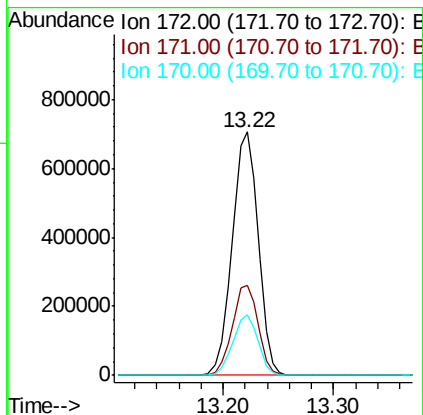
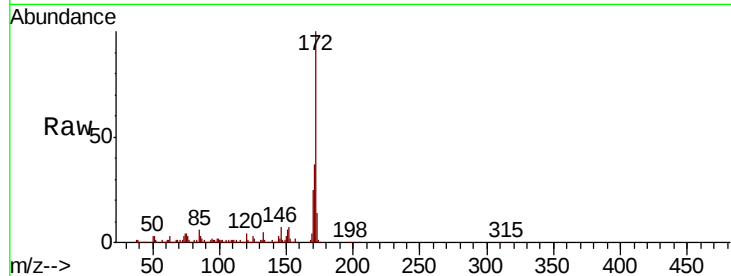




#45
2-Fluorobiphenyl
Concen: 113.497 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

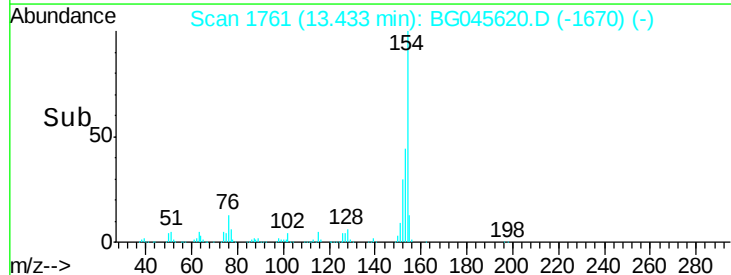
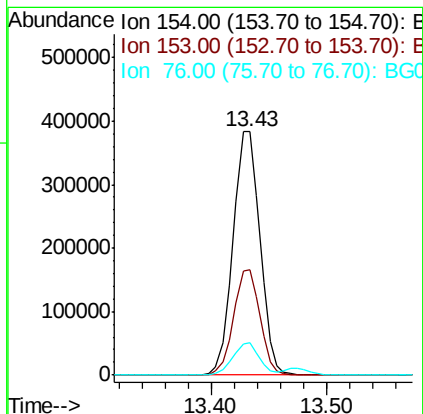
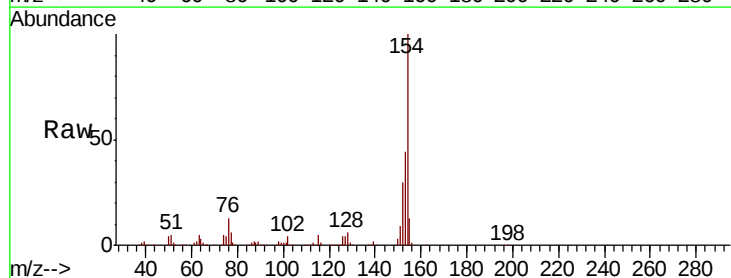
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:172 Resp: 1168771
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.0 18.5 27.7



#46
1,1'-Biphenyl
Concen: 57.685 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:154 Resp: 619126
Ion Ratio Lower Upper
154 100
153 43.5 22.2 62.2
76 13.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 54.754 ng

RT: 13.47 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

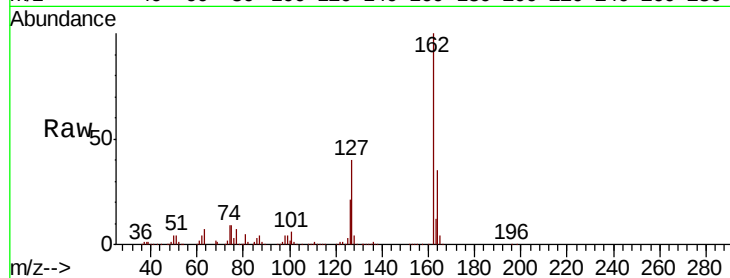
Tot Ion:162 Resp: 477208

Ion Ratio Lower Upper

162 100

127 39.9 31.6 47.4

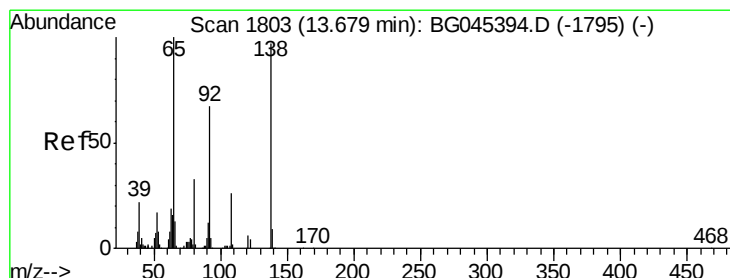
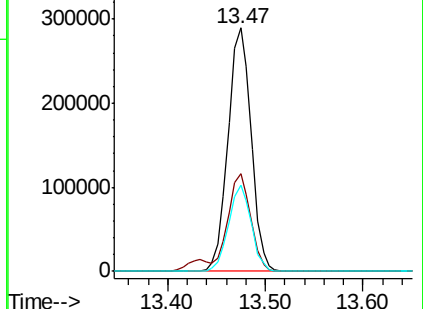
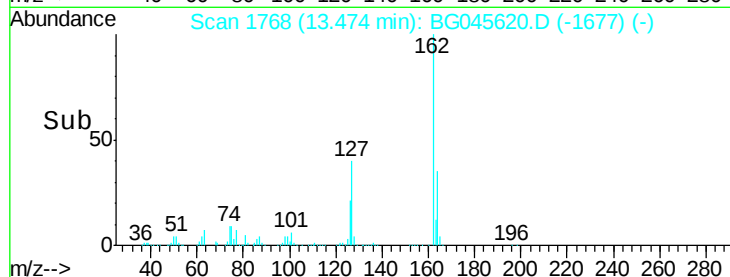
164 35.4 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 56.105 ng

RT: 13.68 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

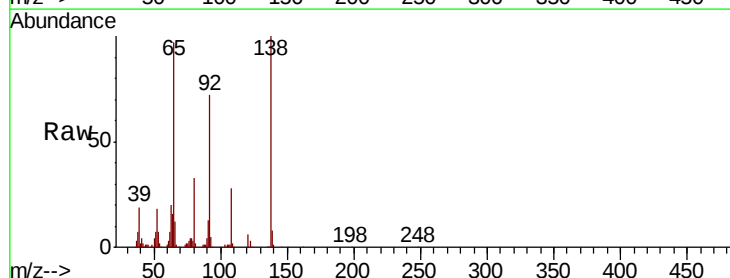
Tgt Ion: 65 Resp: 160848

Ion Ratio Lower Upper

65 100

92 74.3 53.8 80.8

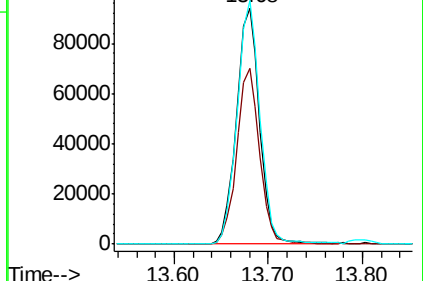
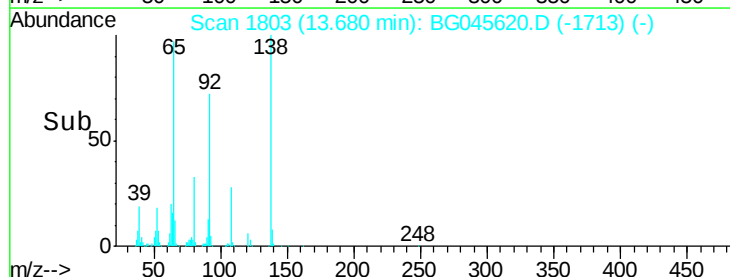
138 103.2 77.9 116.9

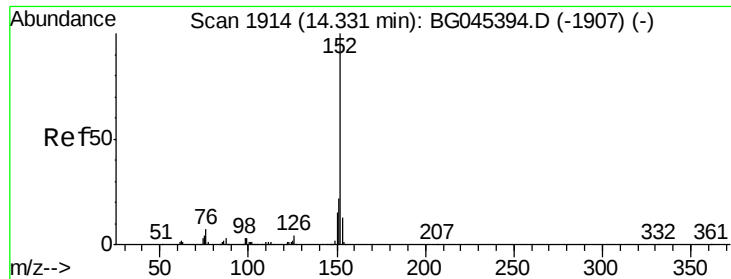


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 56.737 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

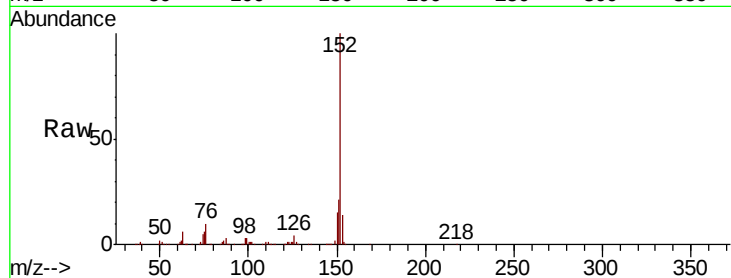
Tot Ion:152 Resp: 794275

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.2

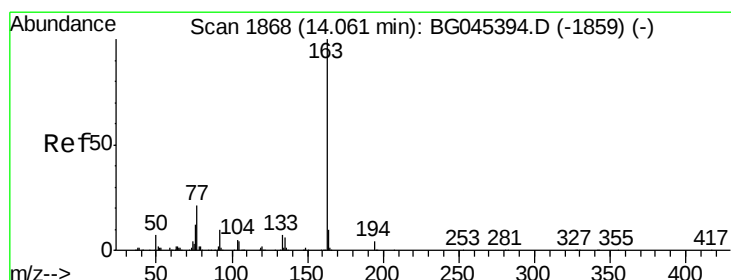
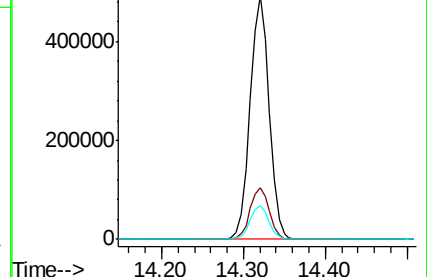
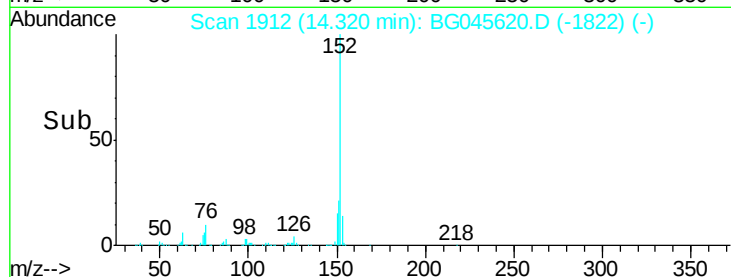
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.200 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

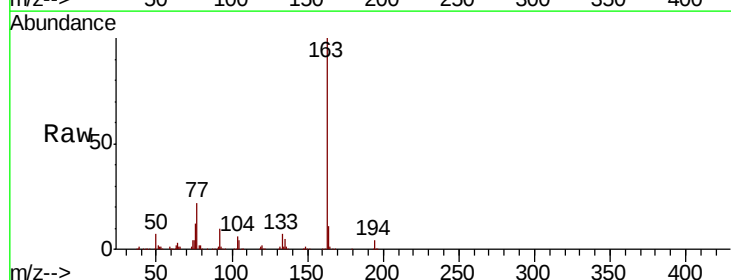
Tgt Ion:163 Resp: 649451

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

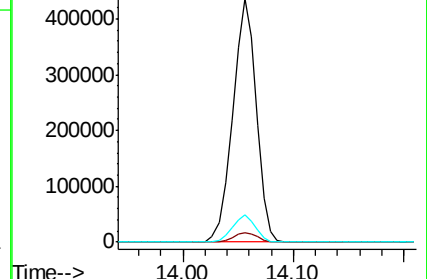
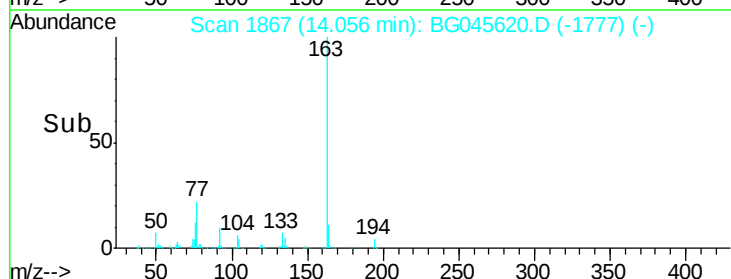
164 11.0 8.3 12.5

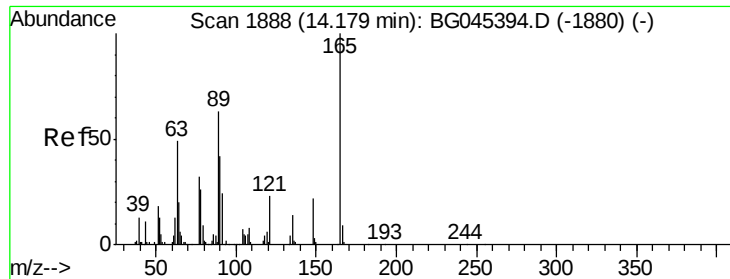


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

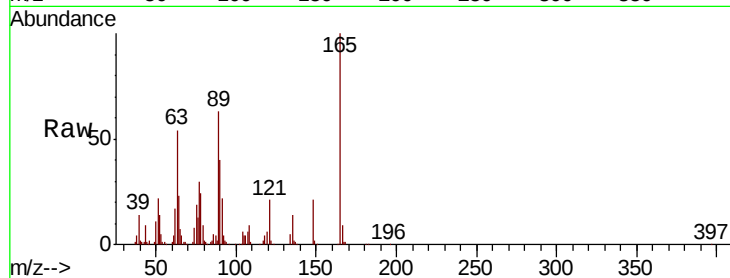




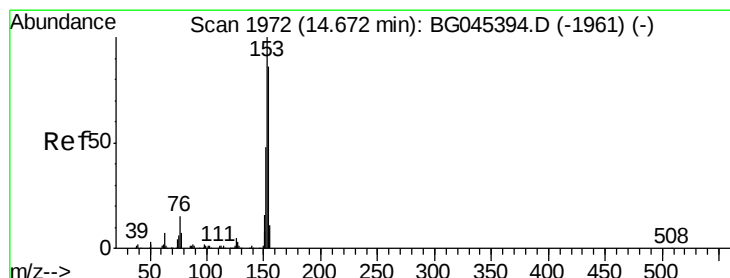
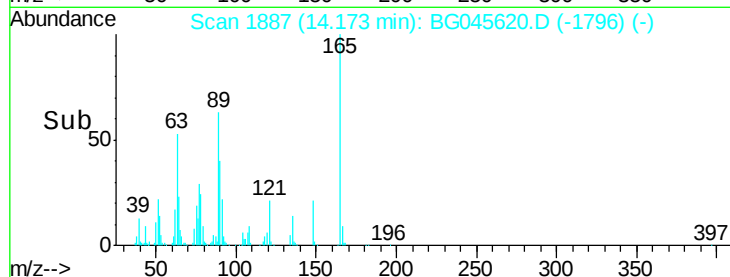
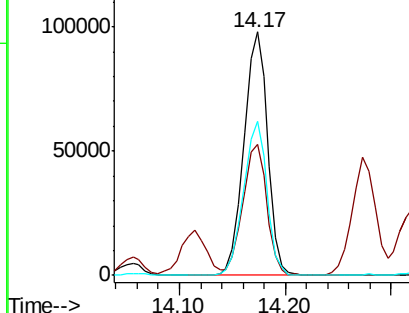
#51
 2,6-Dinitrotoluene
 Concen: 56.186 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	45.0	67.4
89	63.4	50.2	75.4

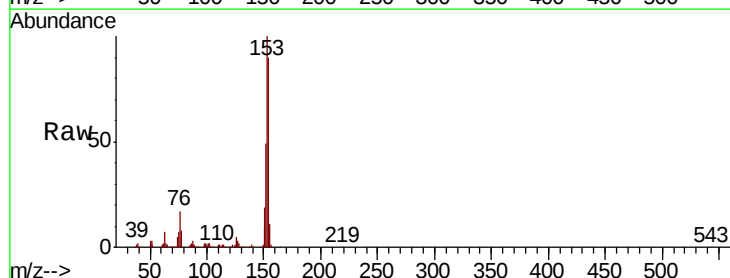


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

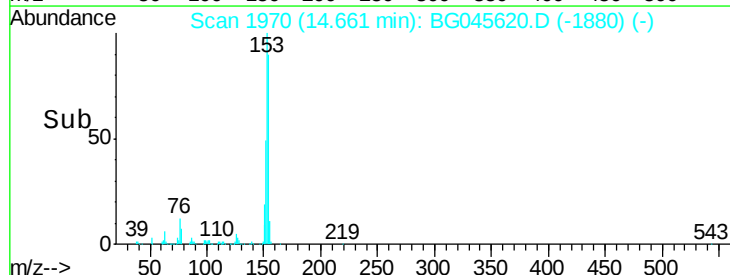
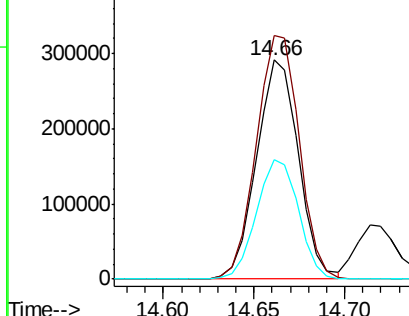


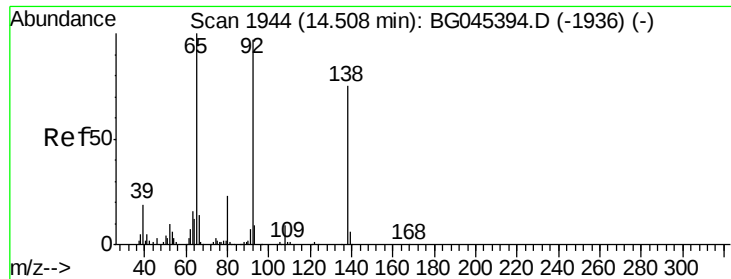
#52
 Acenaphthene
 Concen: 49.938 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	92.8	139.2
152	54.5	44.6	66.8



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

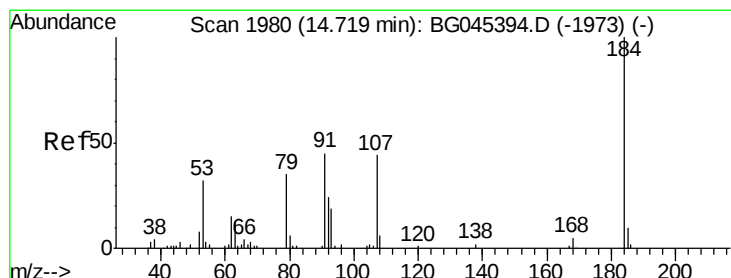
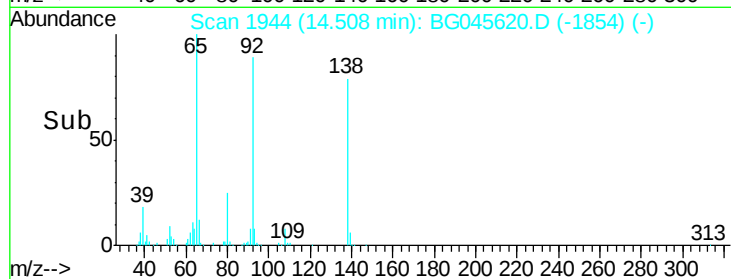
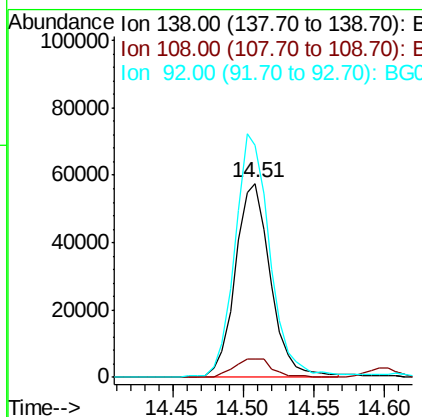
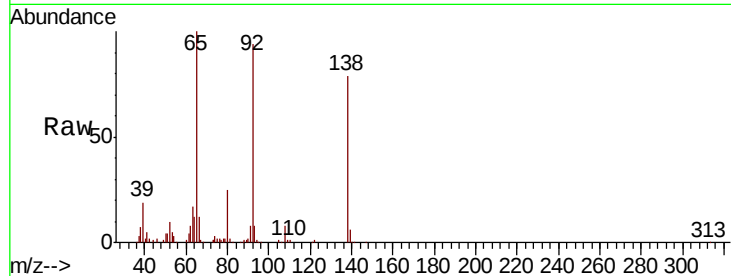




#53
 3-Nitroaniline
 Concen: 36.506 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

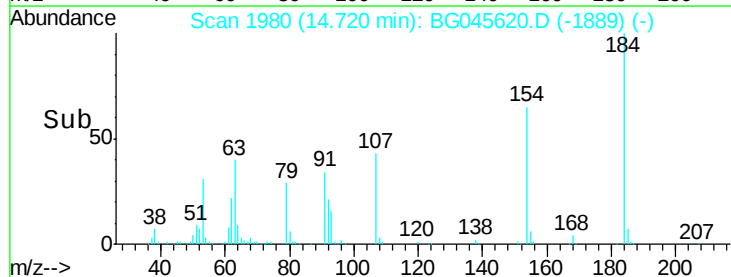
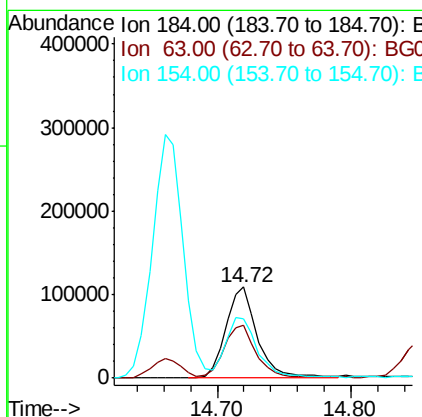
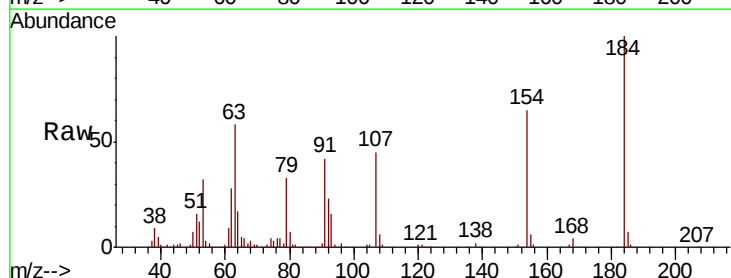
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

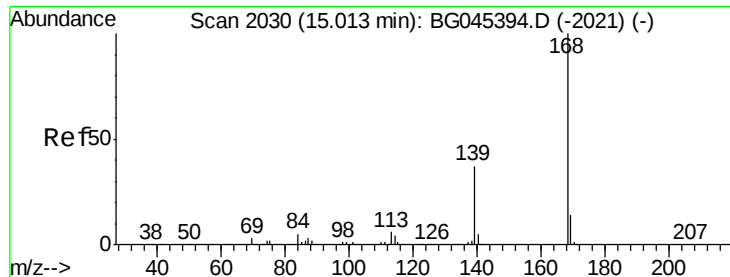
Tot Ion:138 Resp: 100341
 Ion Ratio Lower Upper
 138 100
 108 9.7 9.8 14.6#
 92 119.5 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 100.373 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion:184 Resp: 180422
 Ion Ratio Lower Upper
 184 100
 63 58.3 47.8 71.6
 154 65.3 58.3 87.5





#55

Dibenzofuran

Concen: 54.670 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

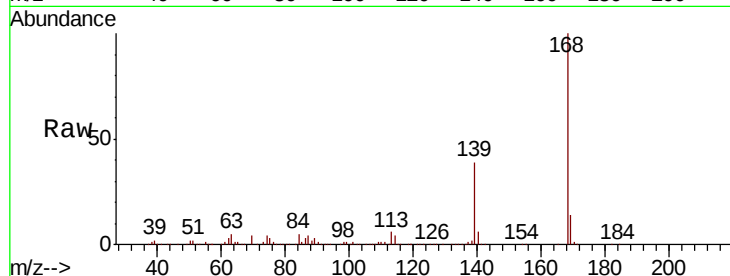
Tot Ion:168 Resp: 760783

Ion Ratio Lower Upper

168 100

139 38.9 29.9 44.9

169 14.0 10.9 16.3

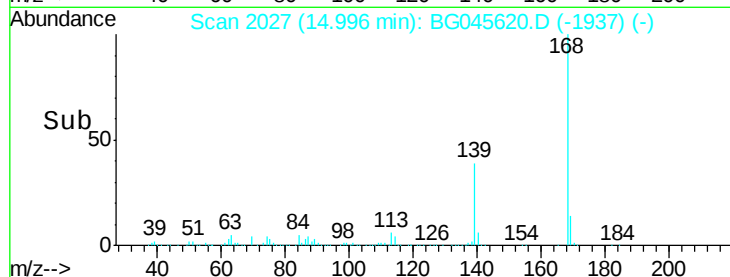


Abundance Ion 168.00 (167.70 to 168.70): E

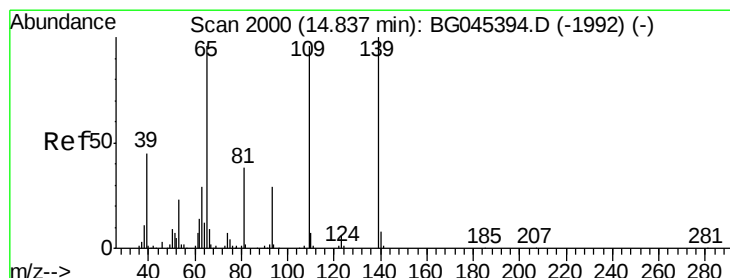
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



Time-->



#56

4-Nitrophenol

Concen: 110.298 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

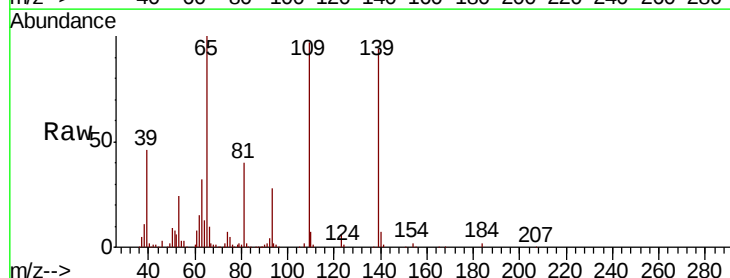
Tgt Ion:139 Resp: 229523

Ion Ratio Lower Upper

139 100

109 102.4 75.6 115.6

65 105.8 76.8 116.8

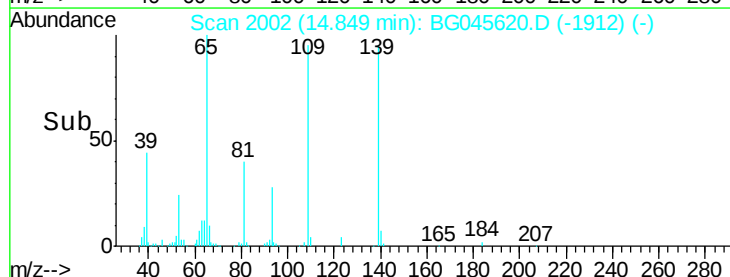


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

Time-->



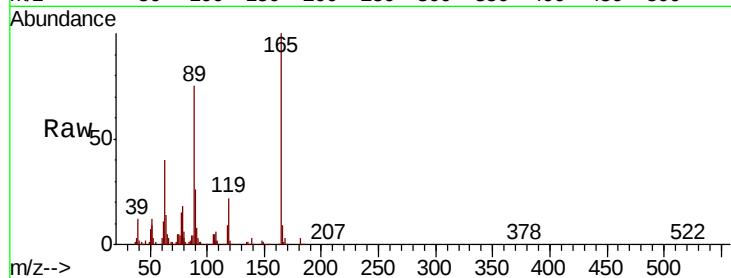
Time-->



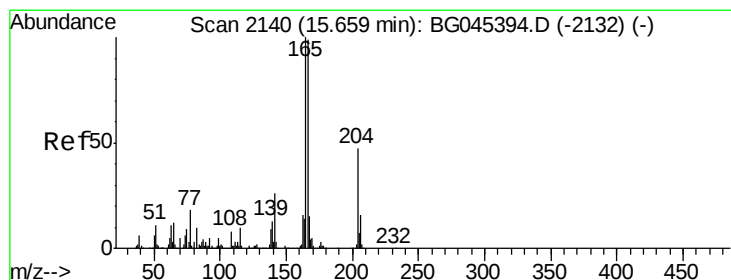
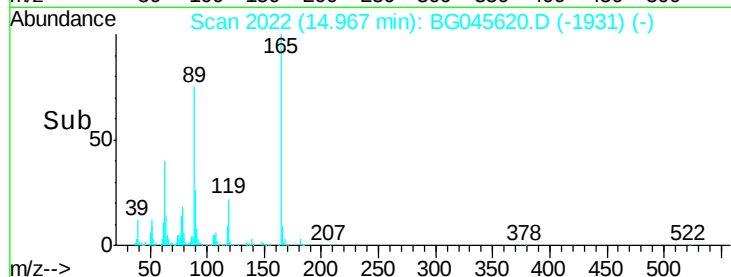
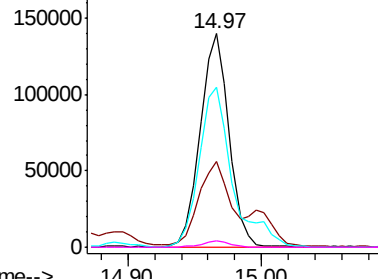
#57
2,4-Dinitrotoluene
Concen: 54.007 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:165 Resp: 211486
Ion Ratio Lower Upper
165 100
63 40.4 32.5 48.7
89 75.2 61.8 92.6
182 2.9 2.3 3.5

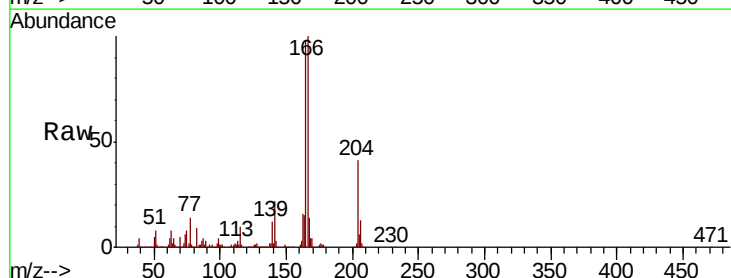


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

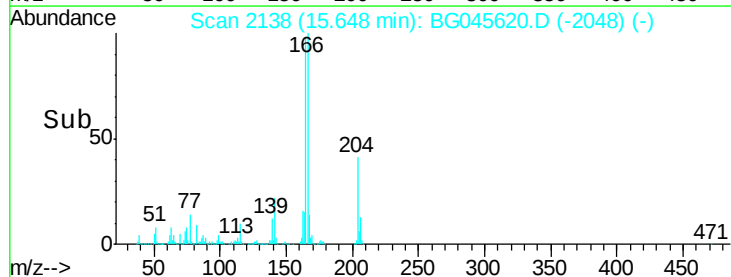
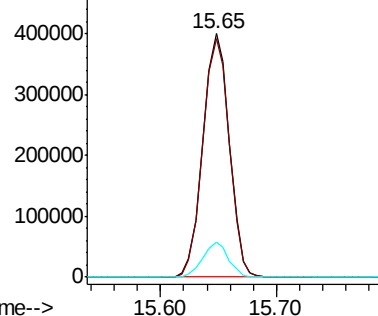


#58
Fluorene
Concen: 55.415 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:166 Resp: 633530
Ion Ratio Lower Upper
166 100
165 98.2 80.8 121.2
167 14.4 12.0 18.0



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

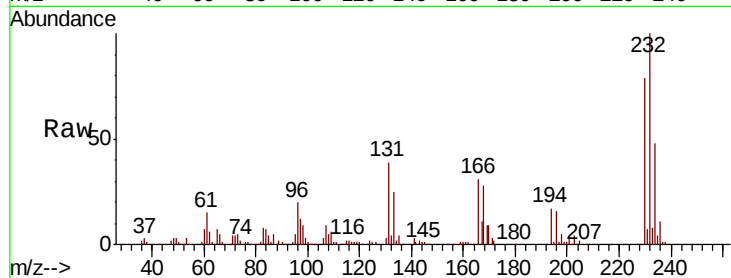




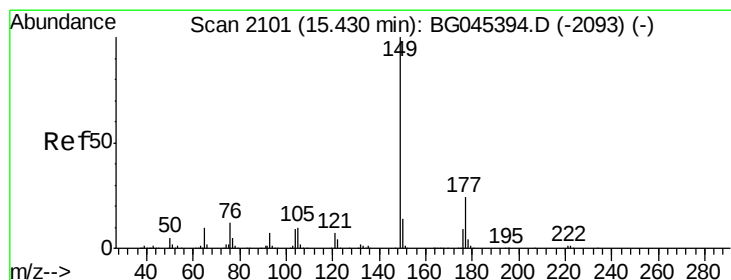
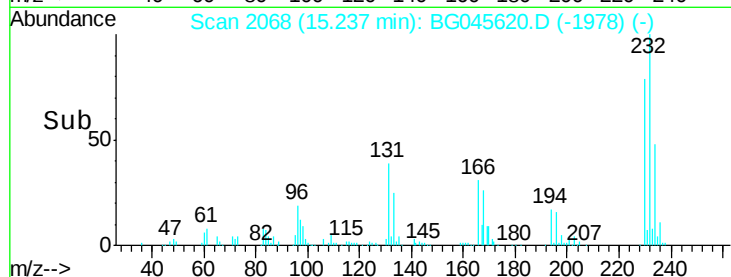
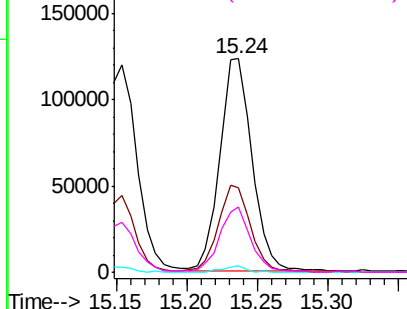
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.669 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion:232	Resp:	196497
Ion Ratio	Lower	Upper
232	100	
131	40.7	33.7 50.5
130	2.2	2.1 3.1
166	28.9	23.2 34.8

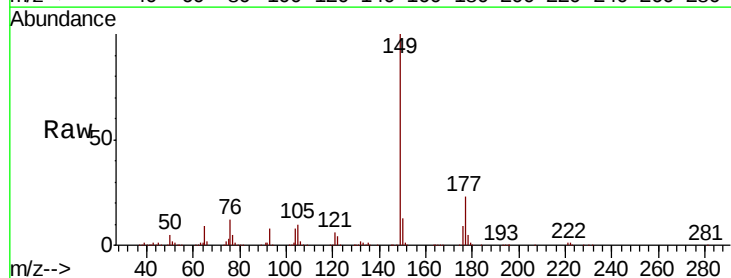


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

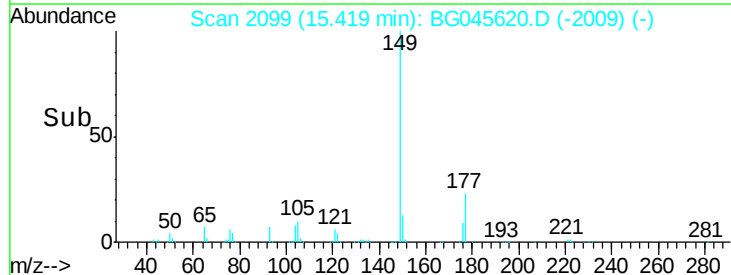
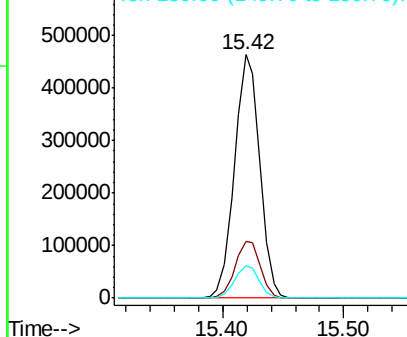


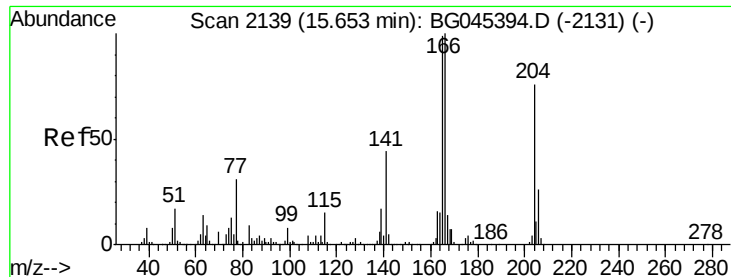
#60
 Diethylphthalate
 Concen: 53.943 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion:149	Resp:	672766
Ion Ratio	Lower	Upper
149	100	
177	23.1	19.0 28.4
150	13.1	11.4 17.0



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

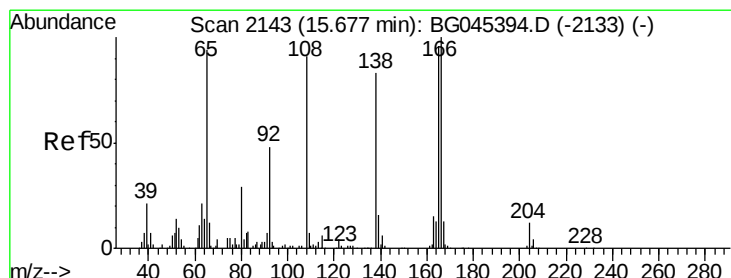
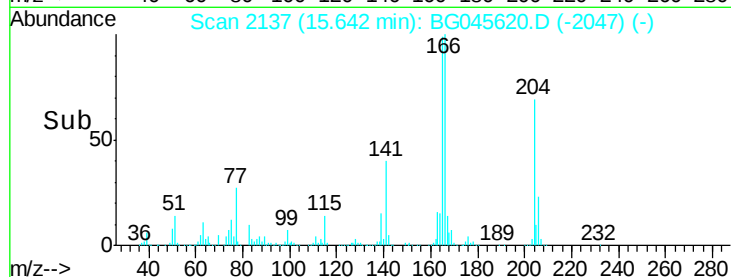
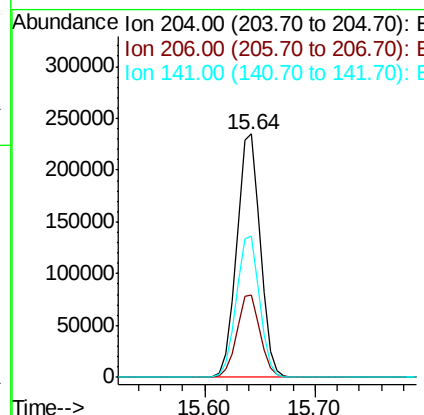
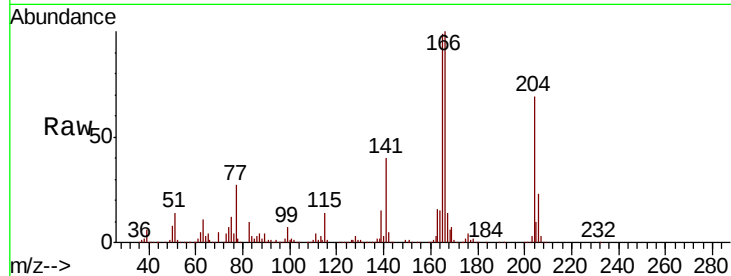




#61
 4-Chlorophenyl-phenylether
 Concen: 53.746 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

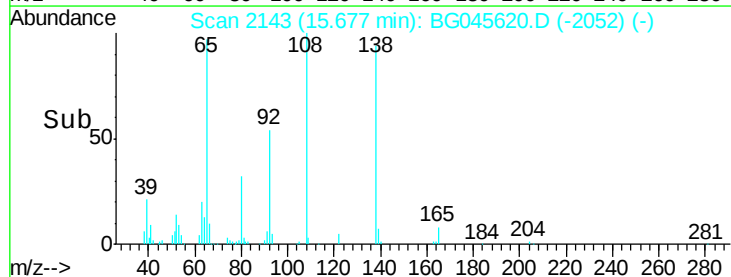
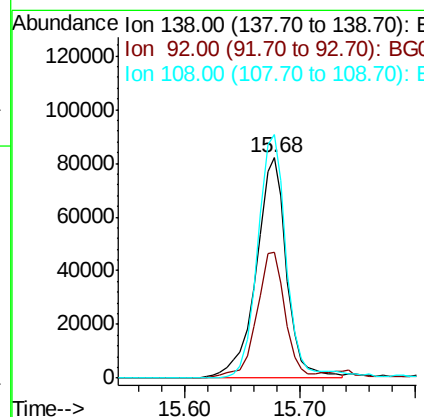
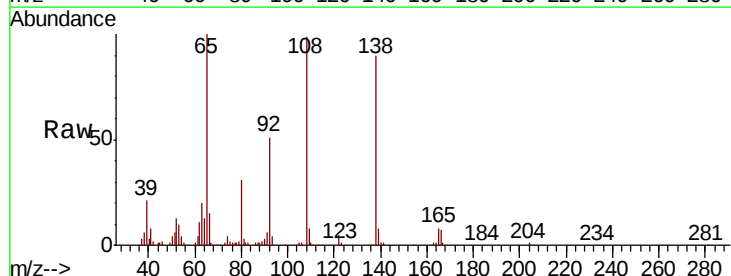
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

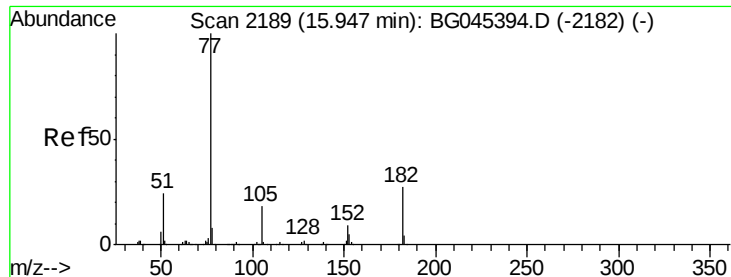
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.3	40.9
141	58.1	45.9	68.9



#62
 4-Nitroaniline
 Concen: 52.589 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	38.0	78.0
108	110.6	89.3	129.3

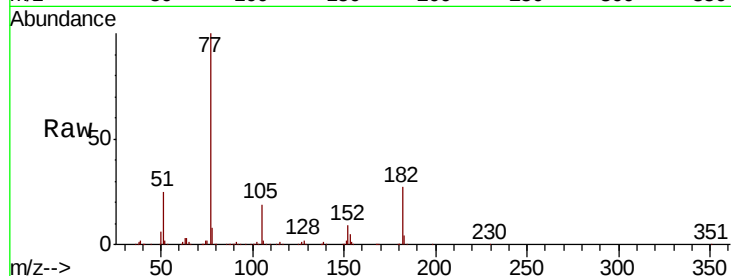




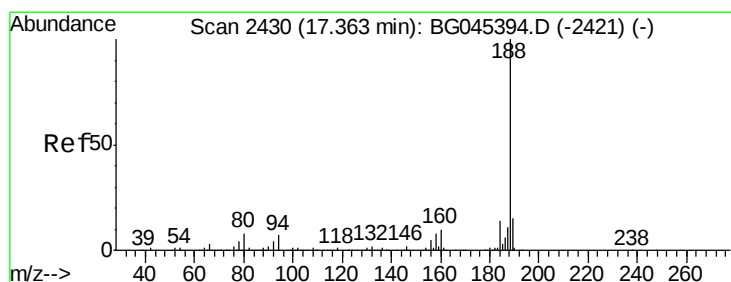
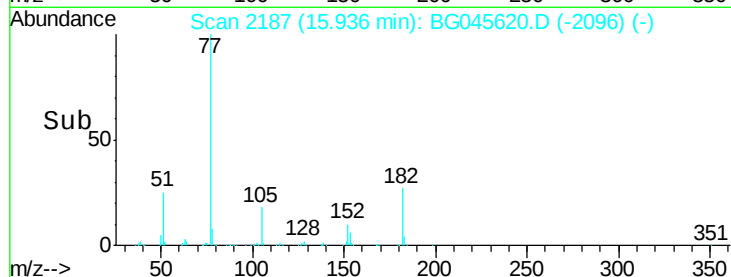
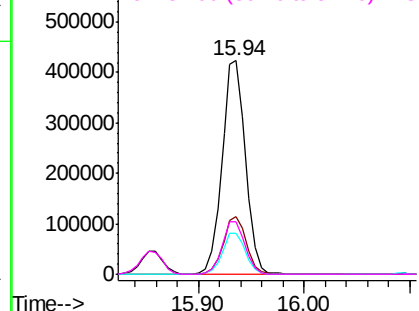
#63
Azobenzene
Concen: 55.770 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:	77	Resp:	648559
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.5	46.5
105	19.3	0.0	37.9
51	24.8	4.1	44.1

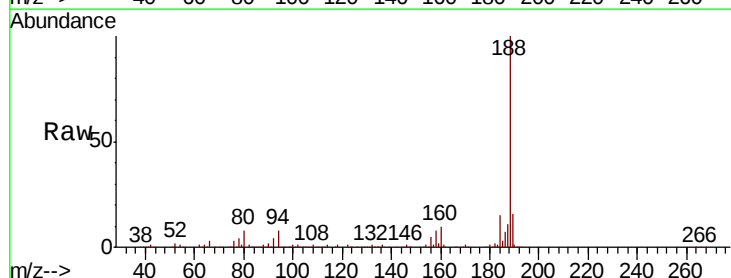


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

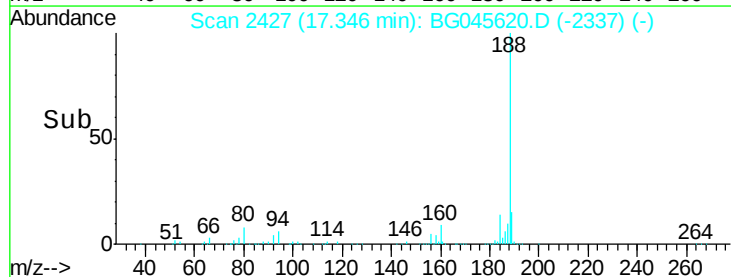
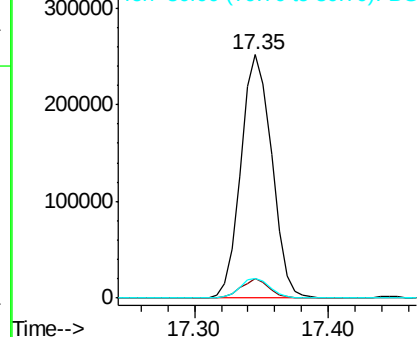


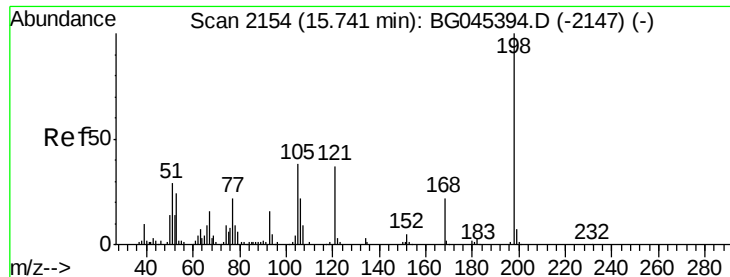
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:	188	Resp:	403105
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.5	8.3
80	8.1	6.6	10.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 60.816 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

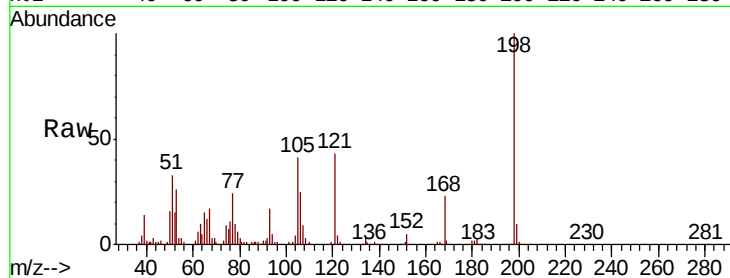
Tot Ion:198 Resp: 142776

Ion Ratio Lower Upper

198 100

51 32.5 10.0 50.0

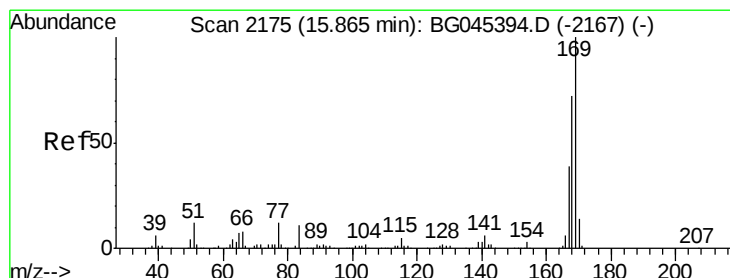
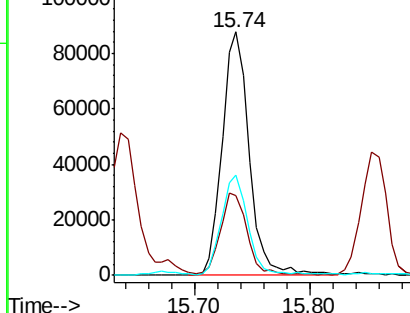
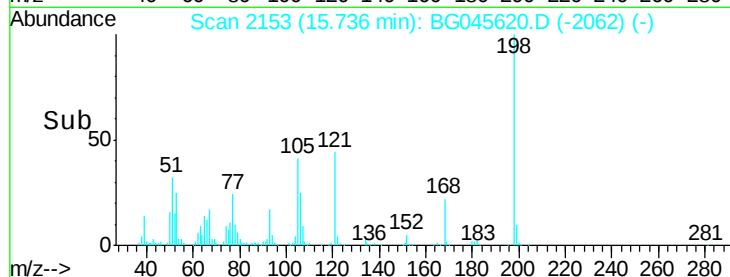
105 41.1 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.519 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

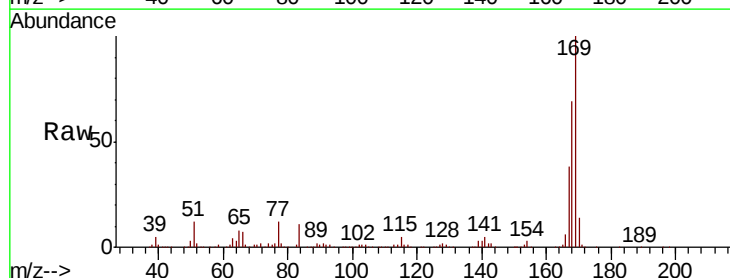
Tgt Ion:169 Resp: 566376

Ion Ratio Lower Upper

169 100

168 69.4 57.8 86.6

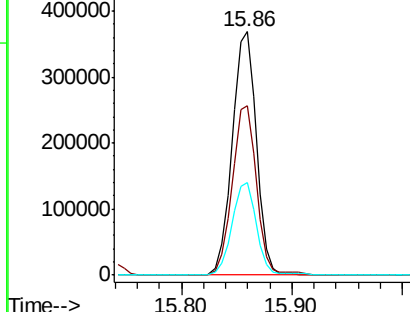
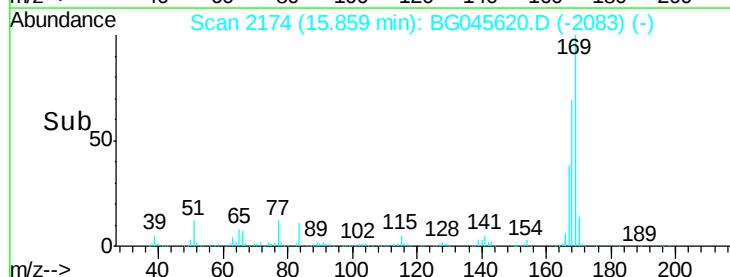
167 38.0 31.5 47.3



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

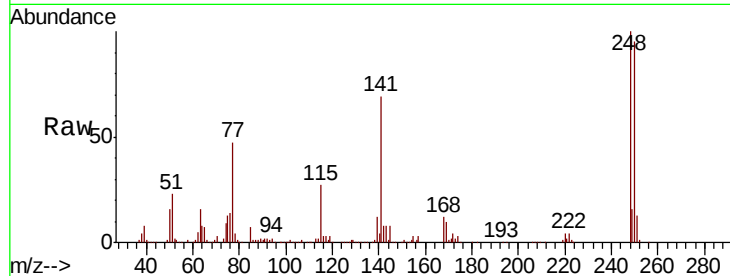




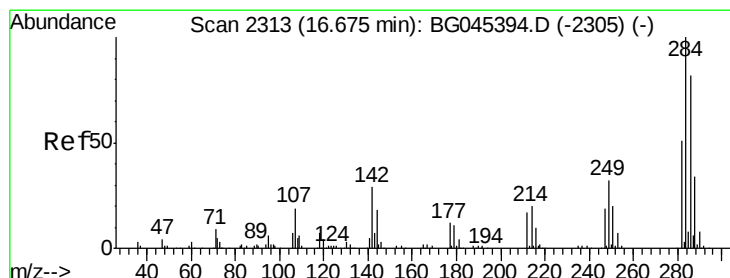
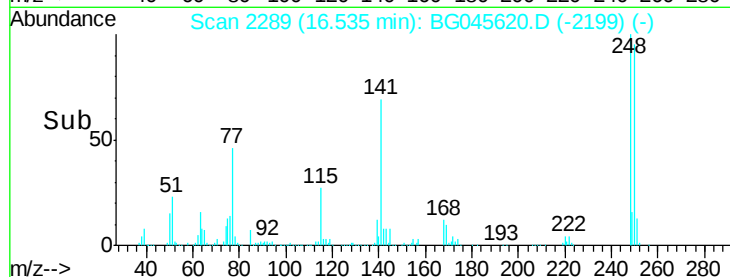
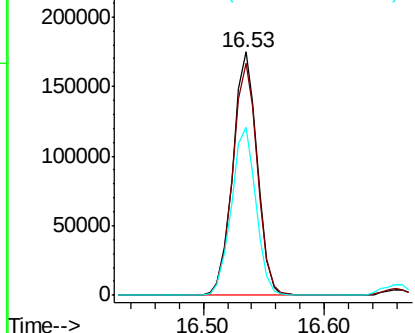
#67
4-Bromophenyl-phenylether
Concen: 56.401 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:248 Resp: 246187
Ion Ratio Lower Upper
248 100
250 95.5 78.6 117.8
141 69.0 58.2 87.2

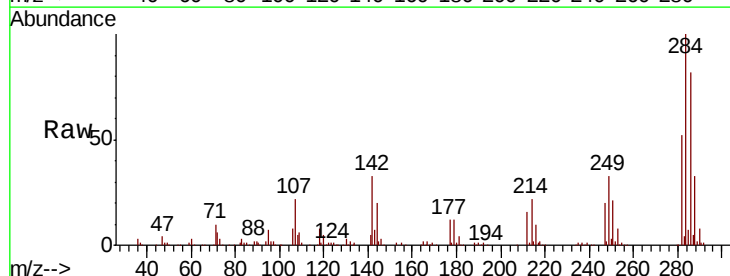


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

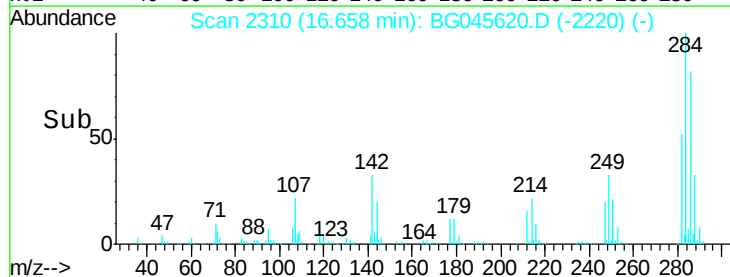
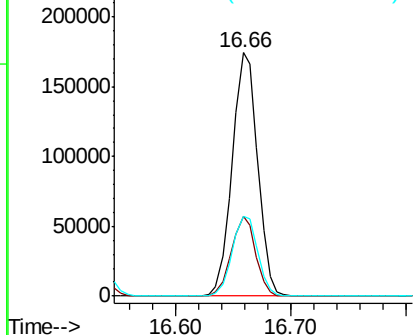


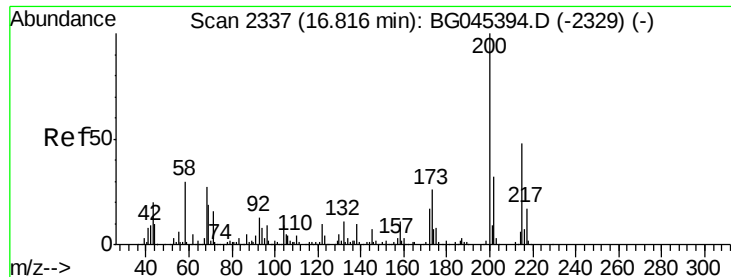
#68
Hexachlorobenzene
Concen: 58.080 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:284 Resp: 265159
Ion Ratio Lower Upper
284 100
142 32.5 23.0 34.6
249 32.7 25.8 38.6



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





#69

Atrazine

Concen: 54.150 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

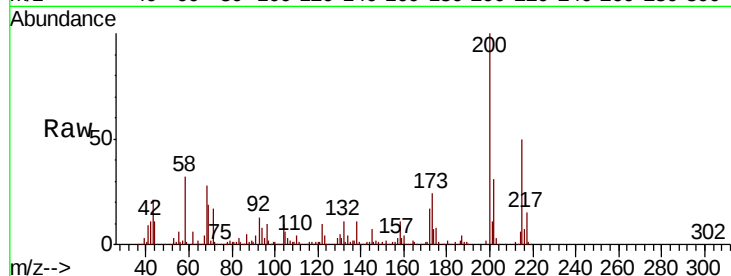
Tot Ion:200 Resp: 215867

Ion Ratio Lower Upper

200 100

173 23.7 5.5 45.5

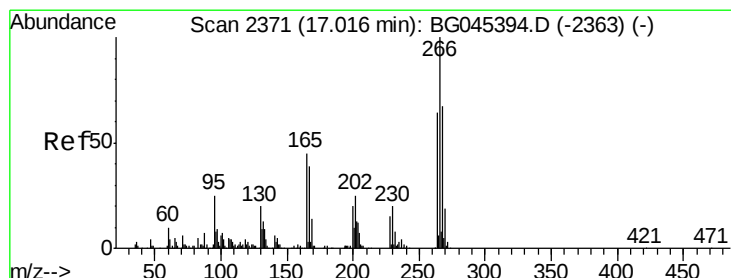
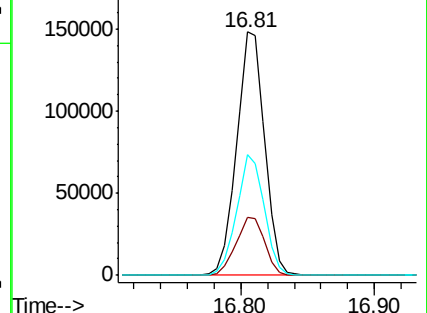
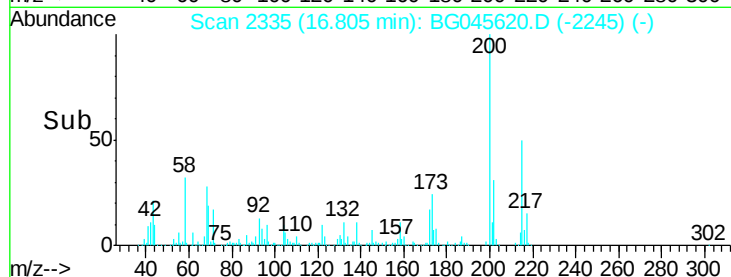
215 49.6 28.2 68.2



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: 123.832 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

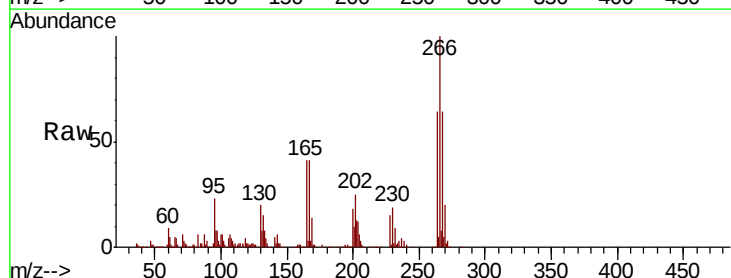
Tgt Ion:266 Resp: 293547

Ion Ratio Lower Upper

266 100

268 64.2 53.2 79.8

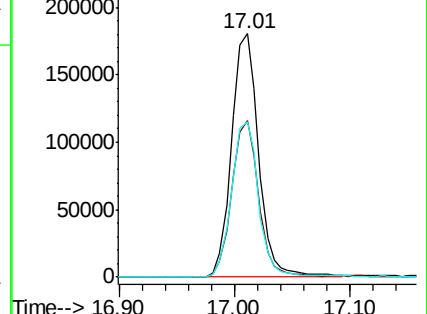
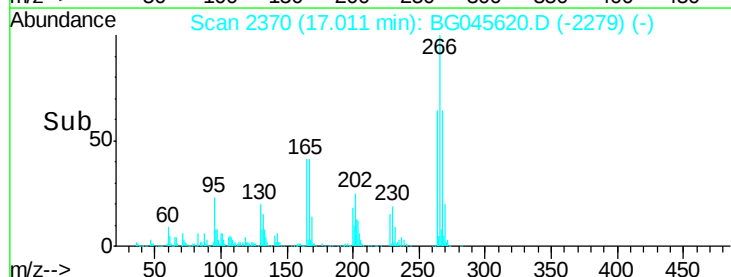
264 63.6 51.0 76.4

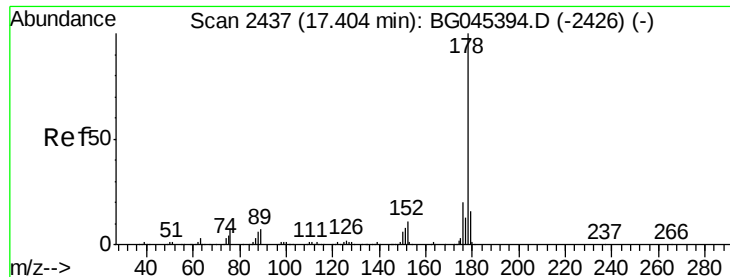


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

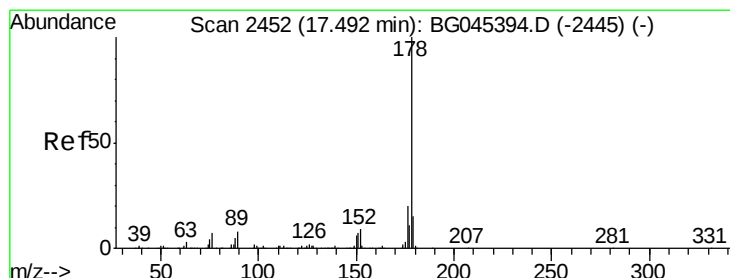
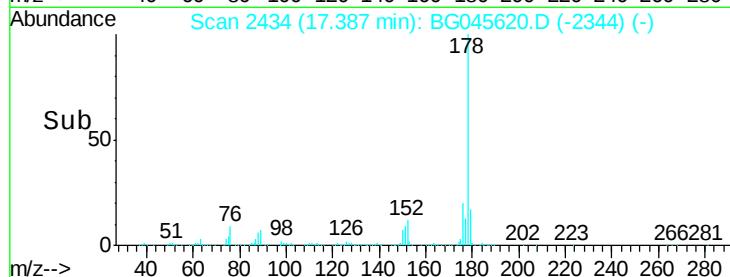
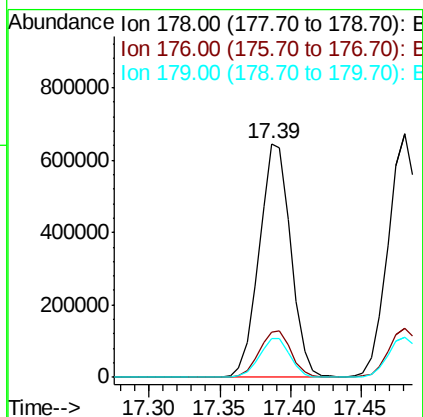
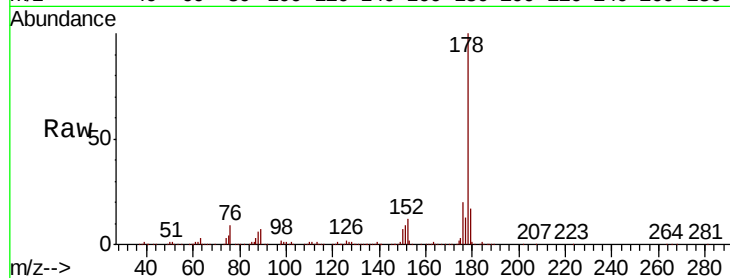




#71
Phenanthrene
Concen: 57.635 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

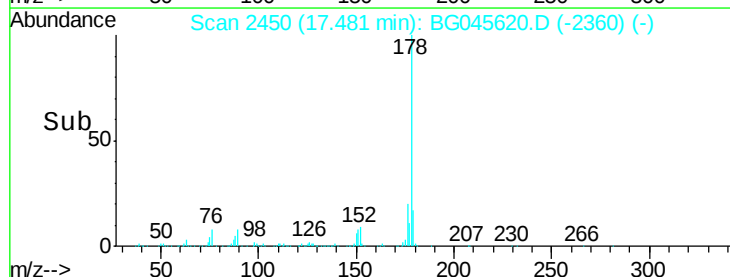
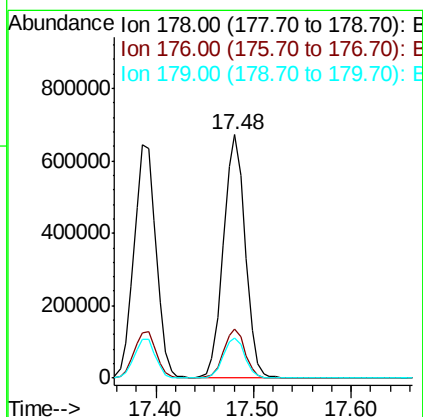
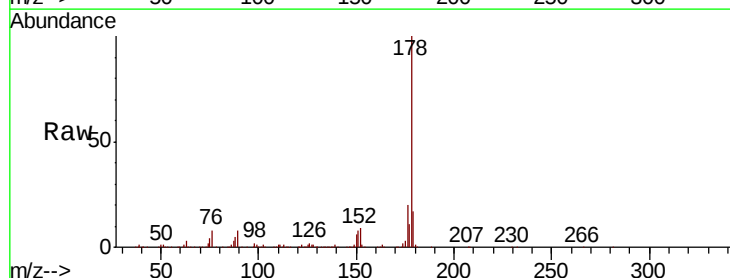
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:178 Resp: 1014255
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 16.7 13.1 19.7



#72
Anthracene
Concen: 58.758 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:178 Resp: 1038379
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.7 12.2 18.4

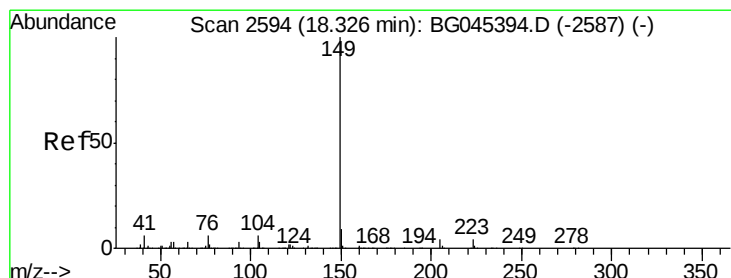
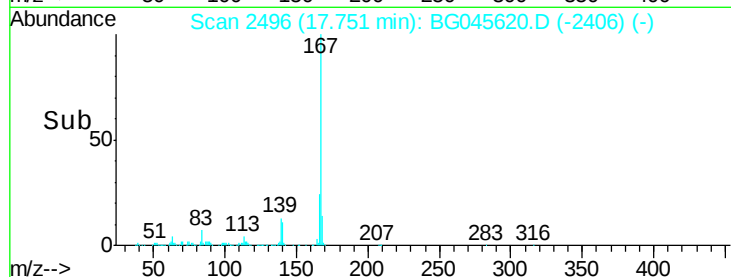
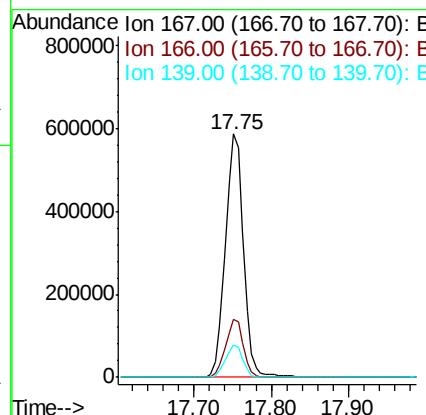
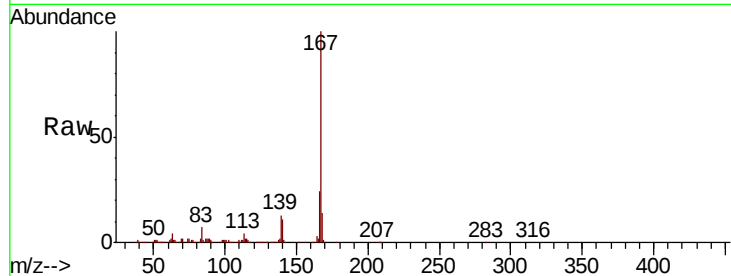




#73
 Carbazole
 Concen: 55.886 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

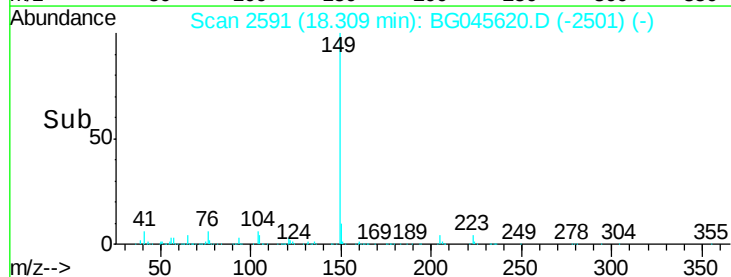
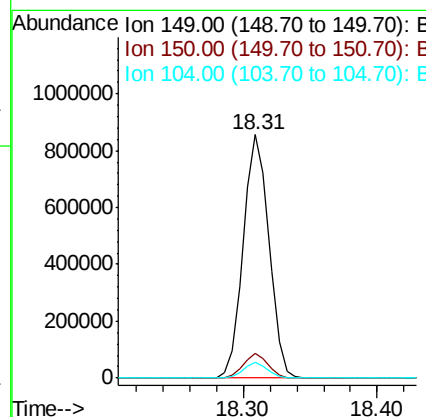
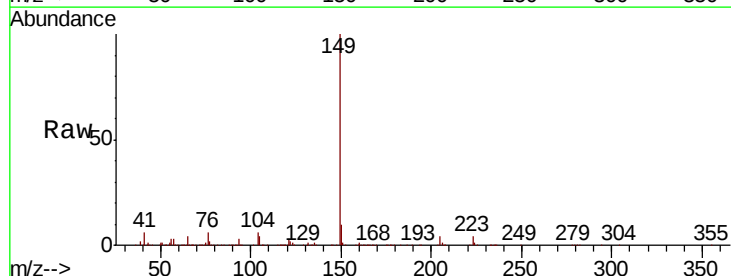
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

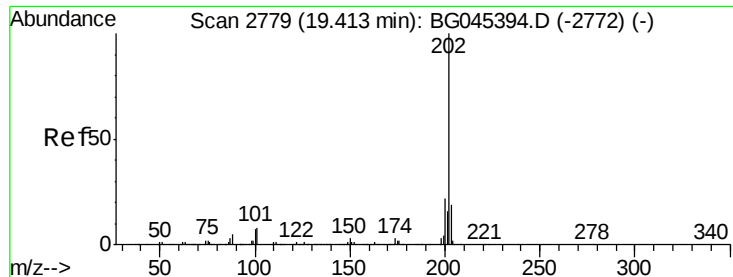
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.2	28.8
139	13.5	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 55.096 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045620.D
 Acq: 5 Jun 2020 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 56.199 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

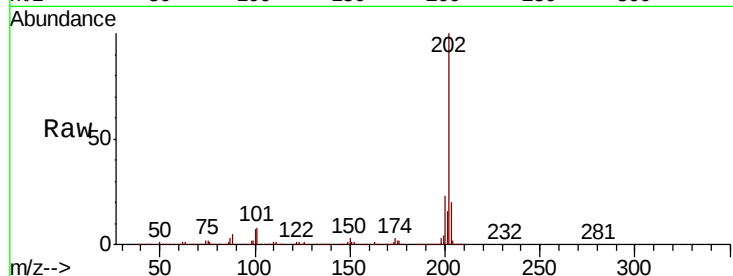
Tot Ion:202 Resp: 1257926

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

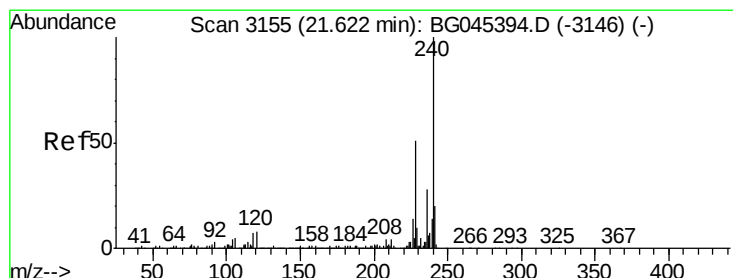
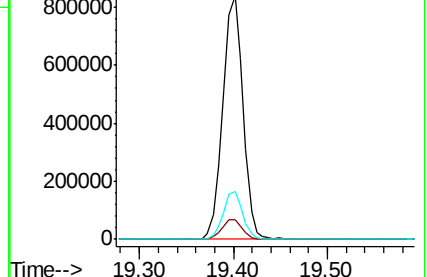
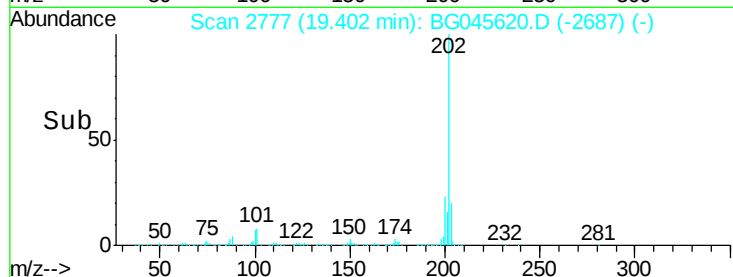
203 19.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

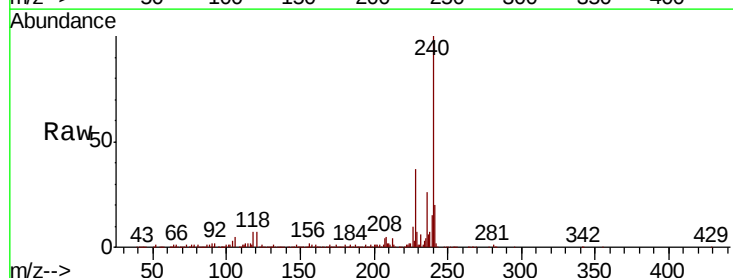
Tgt Ion:240 Resp: 381425

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

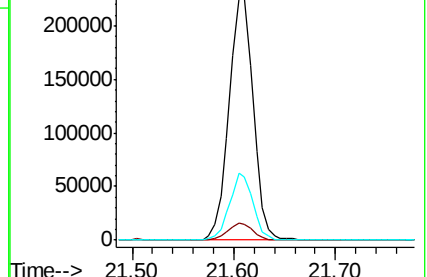
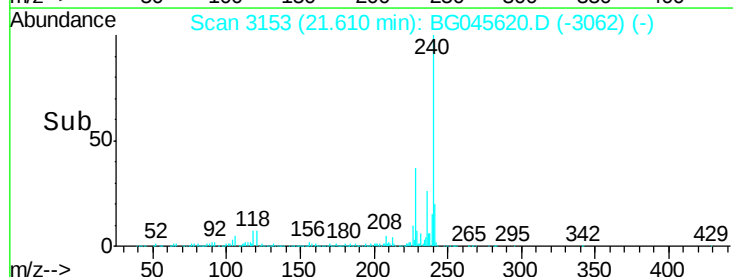
236 26.1 22.3 33.5

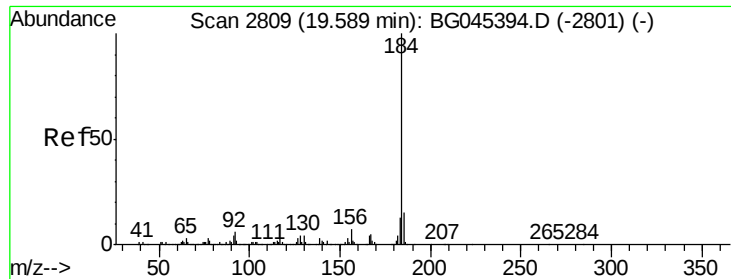


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.172 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

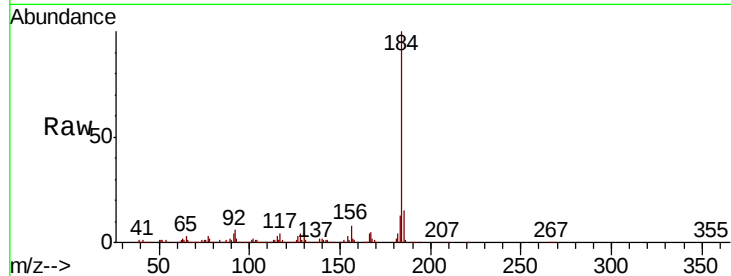
Tot Ion:184 Resp: 623165

Ion Ratio Lower Upper

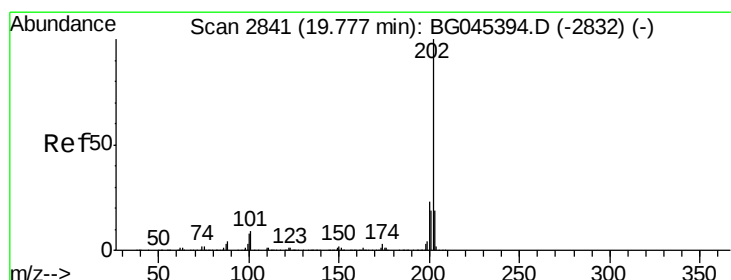
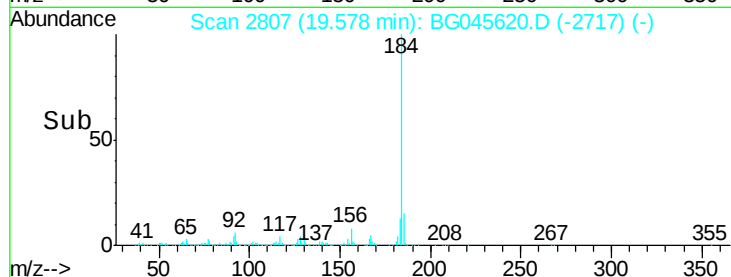
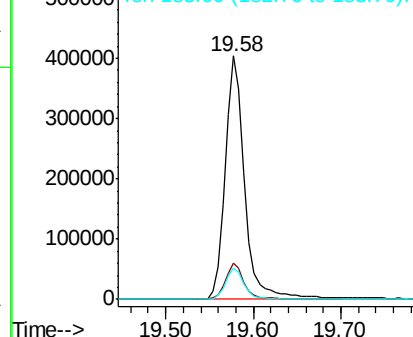
184 100

185 14.9 11.7 17.5

183 12.9 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.839 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

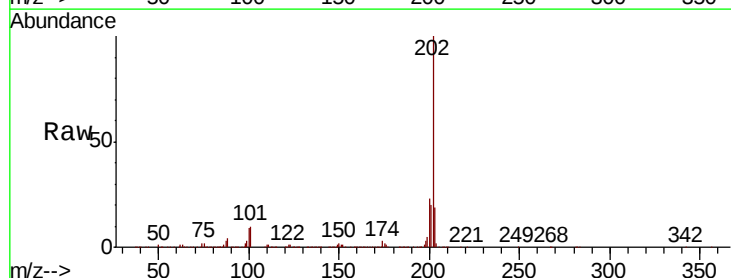
Tgt Ion:202 Resp: 1257573

Ion Ratio Lower Upper

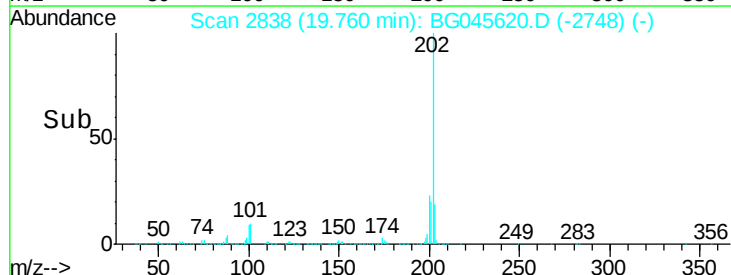
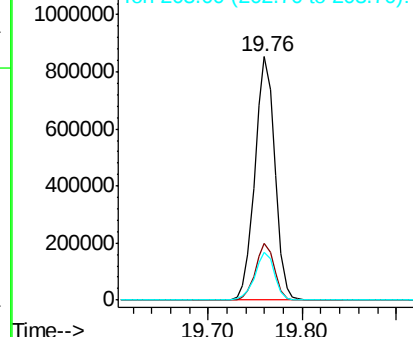
202 100

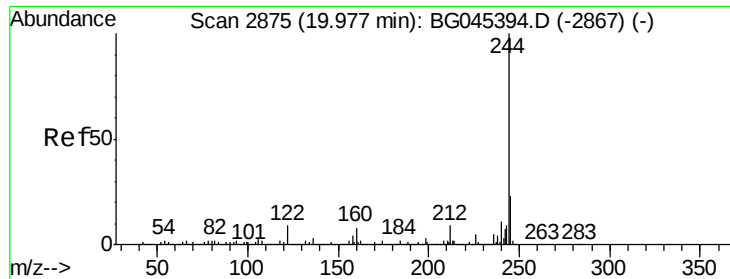
200 23.1 18.2 27.2

203 19.5 15.1 22.7



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: 117.848 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

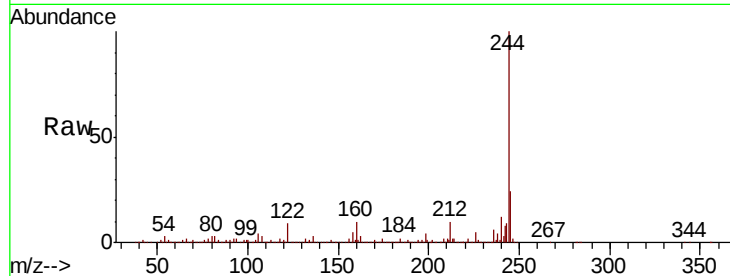
BNA_G

ClientSampleId :

PB129333BSD

Tot Ion:244 Resp: 1927285

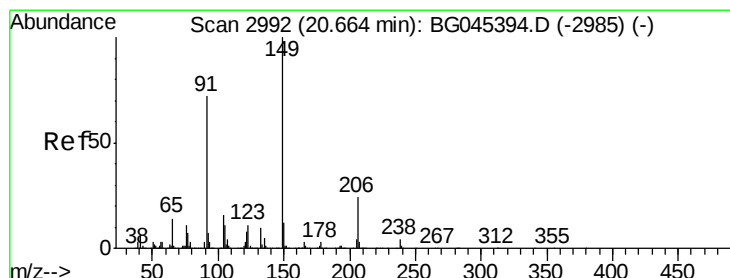
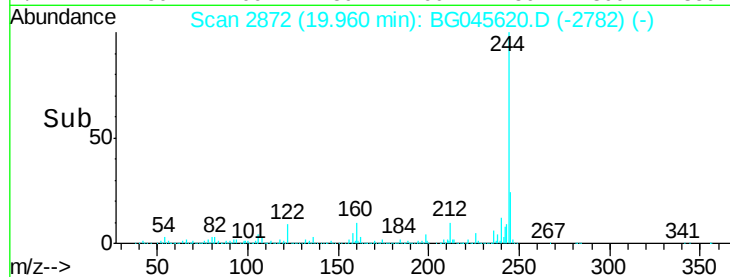
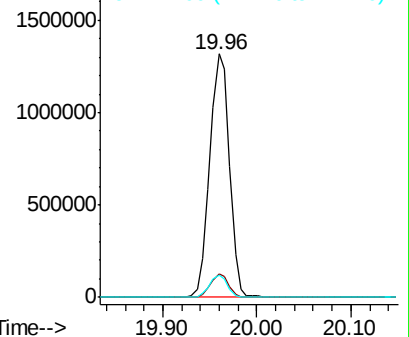
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.0
122	9.3	6.8	10.2



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: 55.582 ng

RT: 20.65 min Scan# 2989

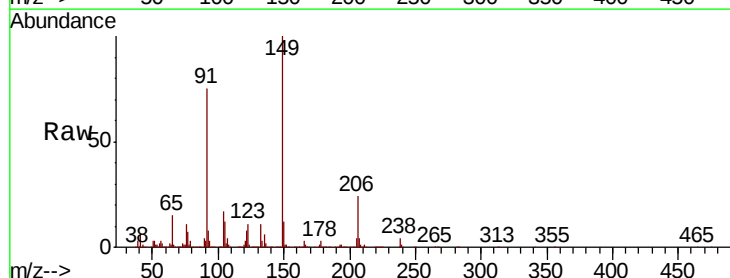
Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Tgt Ion:149 Resp: 521635

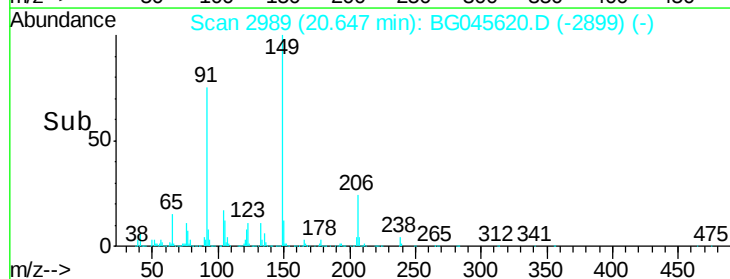
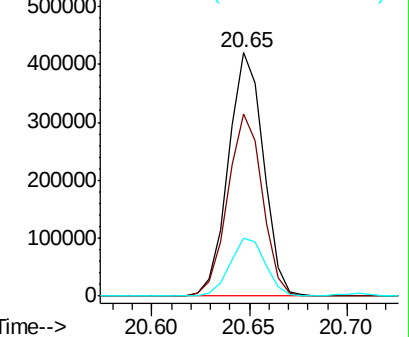
Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.8	86.6
206	23.9	19.1	28.7

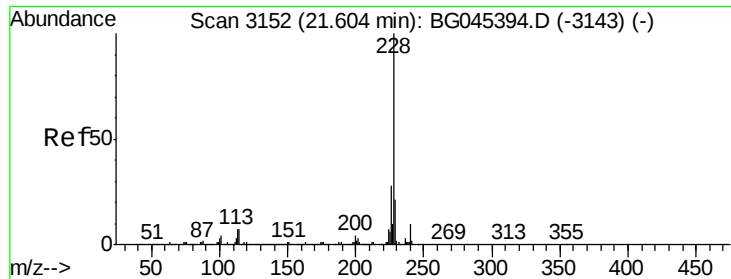


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.454 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

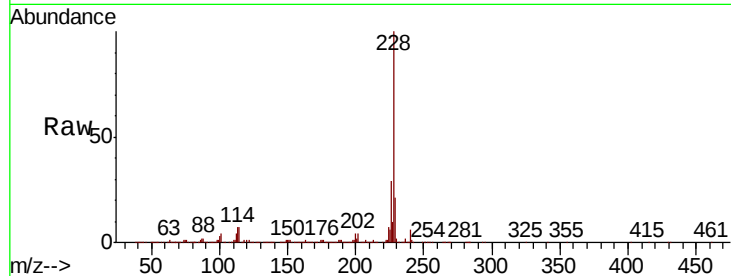
Tot Ion:228 Resp: 1242037

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

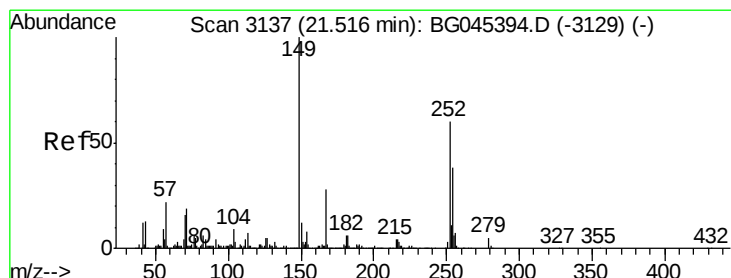
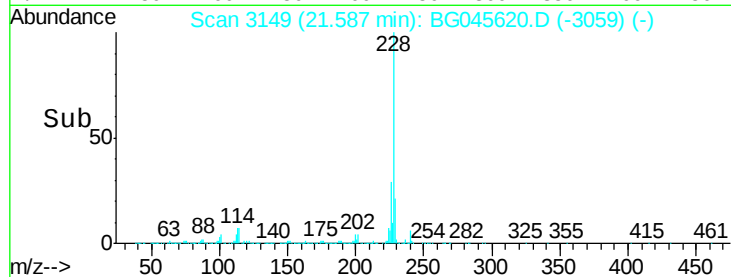
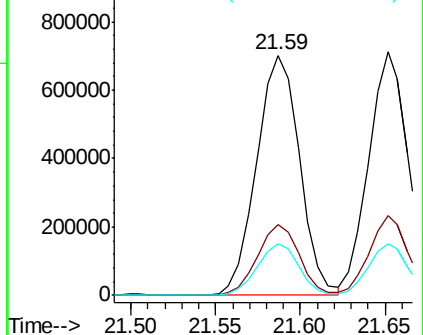
229 21.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.875 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

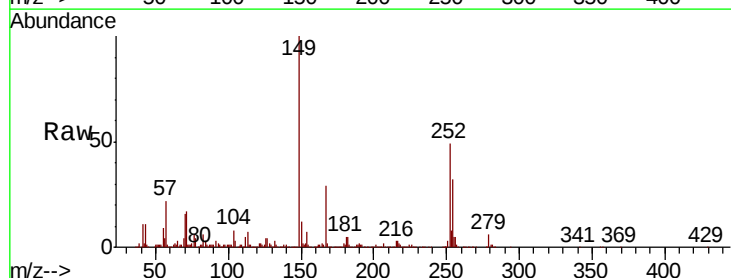
Tgt Ion:252 Resp: 349022

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

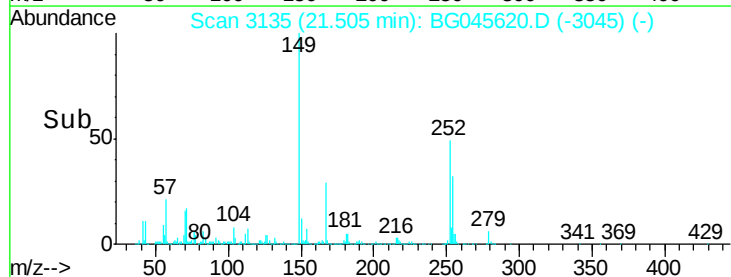
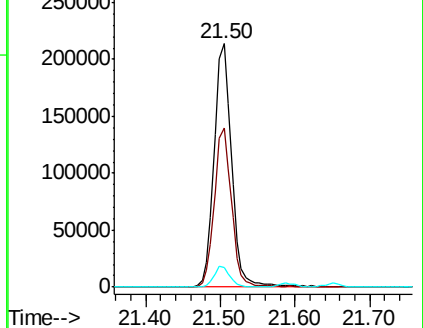
126 8.3 6.6 10.0



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: 56.387 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

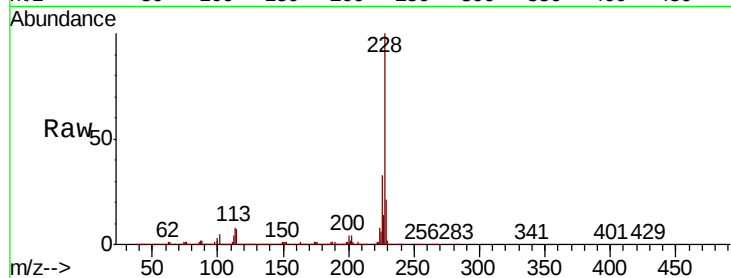
Tot Ion:228 Resp: 1152034

Ion Ratio Lower Upper

228 100

226 32.7 25.2 37.8

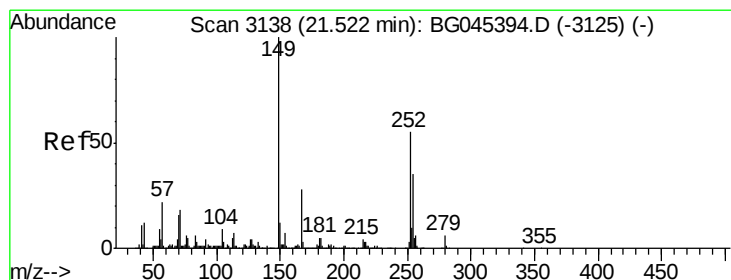
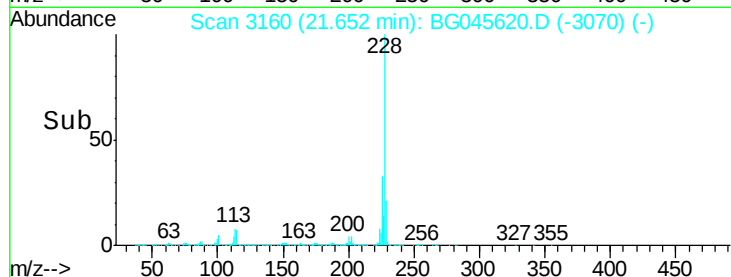
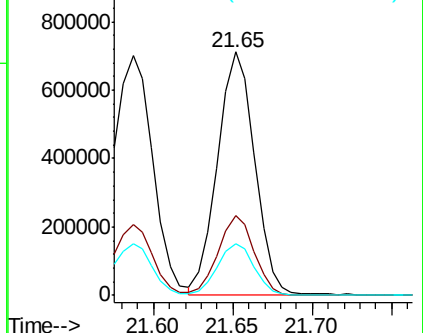
229 21.4 16.7 25.1



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: 57.015 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

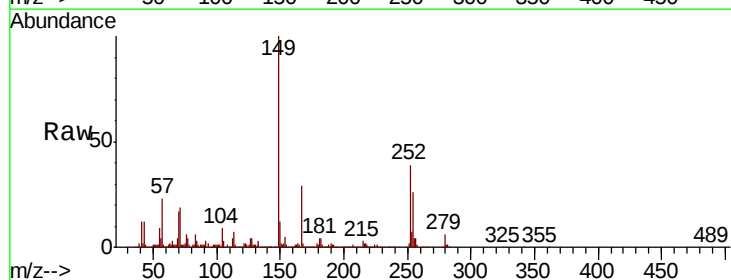
Tgt Ion:149 Resp: 735537

Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

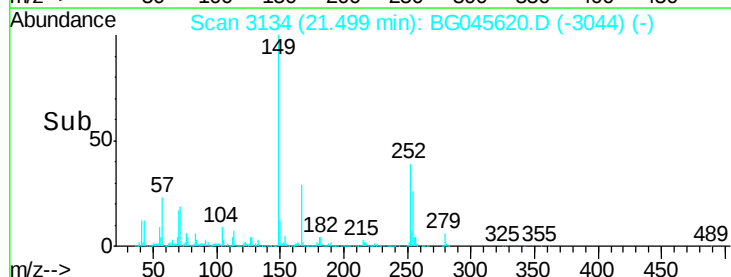
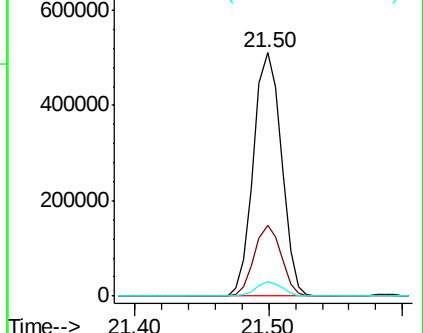
279 5.9 4.7 7.1

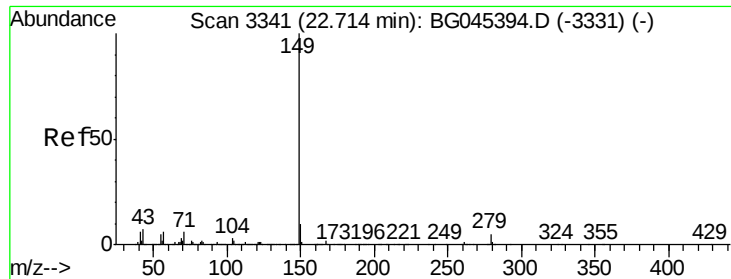


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.403 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

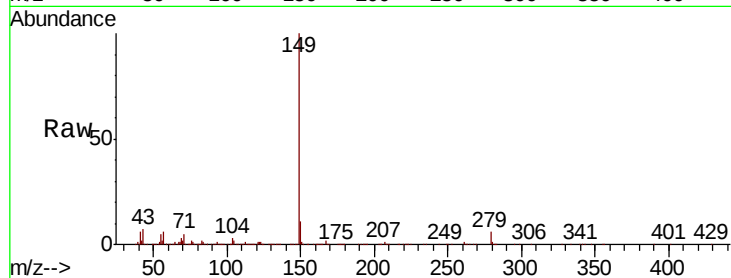
Tot Ion:149 Resp: 1227575

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

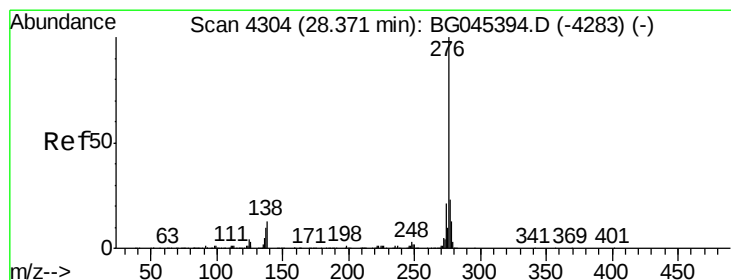
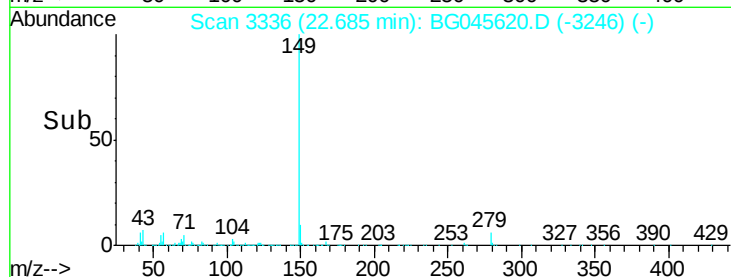
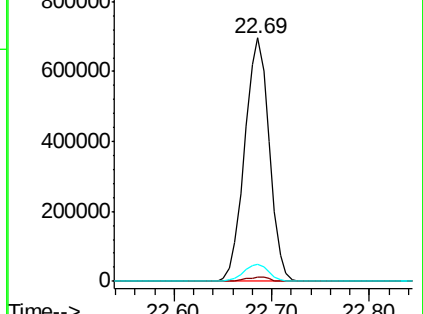
43 7.2 5.8 8.8



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: 57.155 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

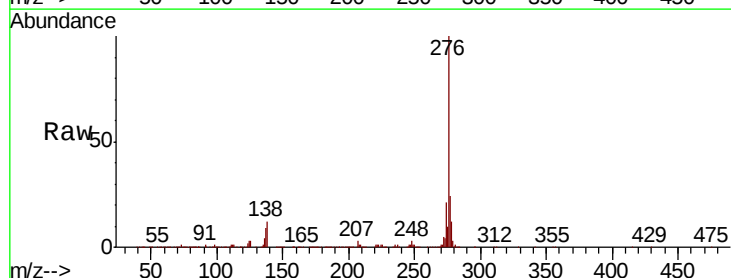
Tgt Ion:276 Resp: 1527003

Ion Ratio Lower Upper

276 100

138 15.1 8.6 12.8#

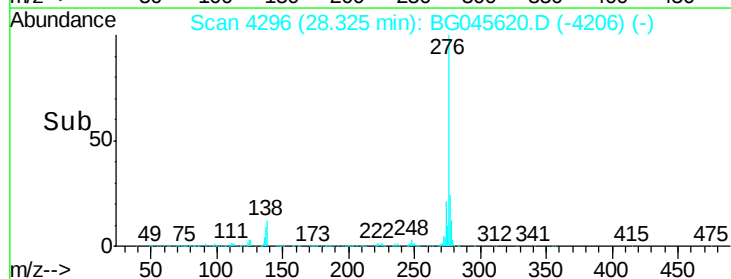
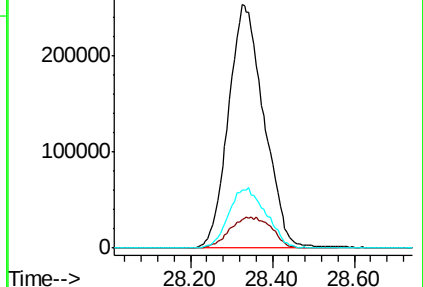
277 25.8 20.2 30.4

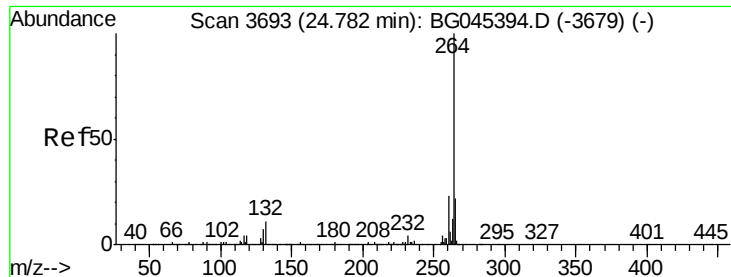


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

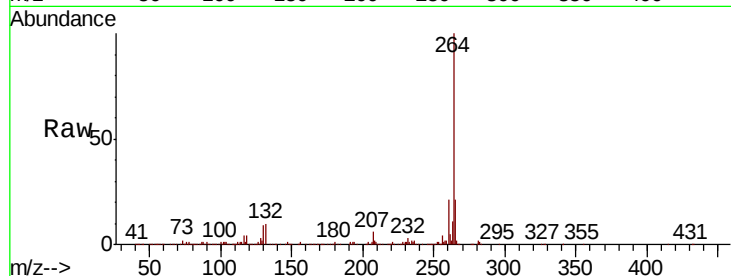
Tot Ion:264 Resp: 414255

Ion Ratio Lower Upper

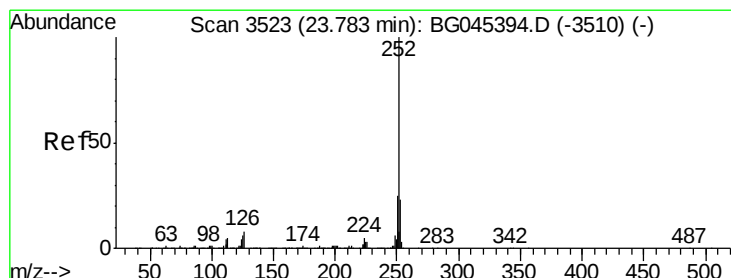
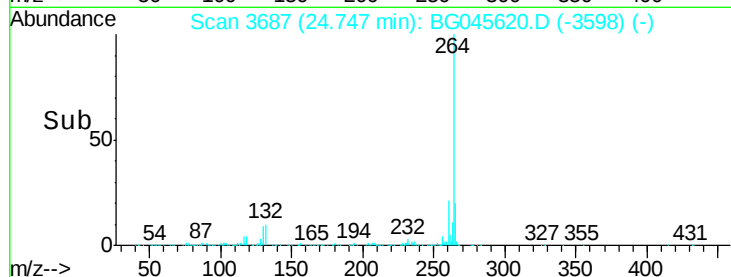
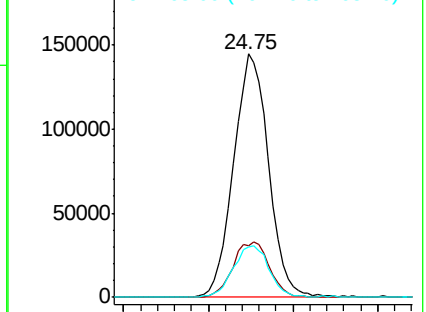
264 100

260 21.4 18.2 27.4

265 20.7 17.6 26.4



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: 57.904 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

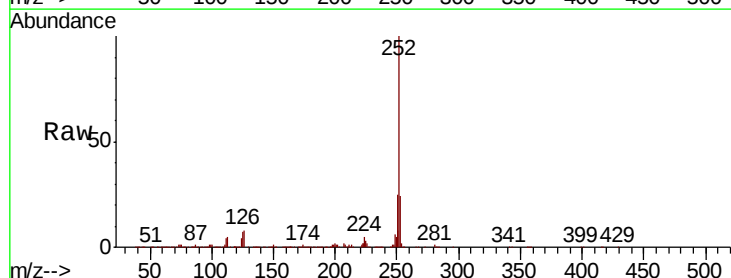
Tgt Ion:252 Resp: 1286459

Ion Ratio Lower Upper

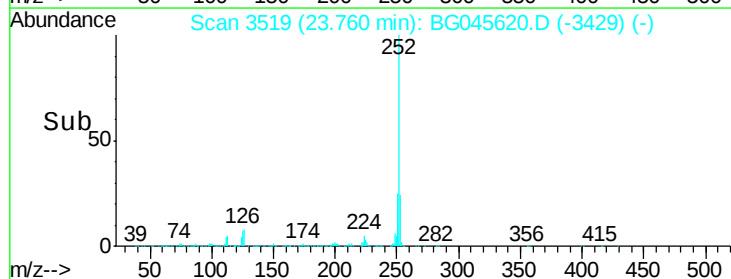
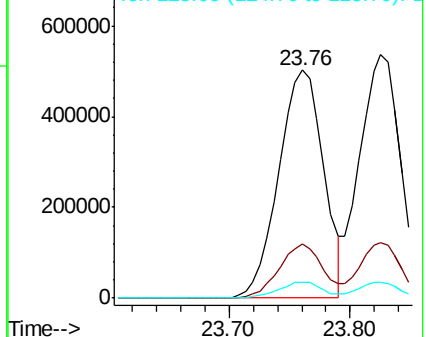
252 100

253 23.8 18.1 27.1

125 7.1 5.0 7.6



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





#89

Benzo(k)fluoranthene

Concen: 60.815 ng

RT: 23.83 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

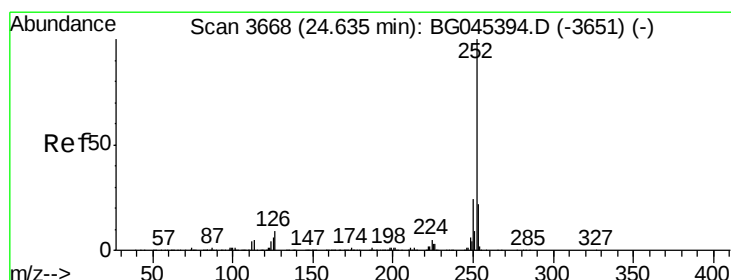
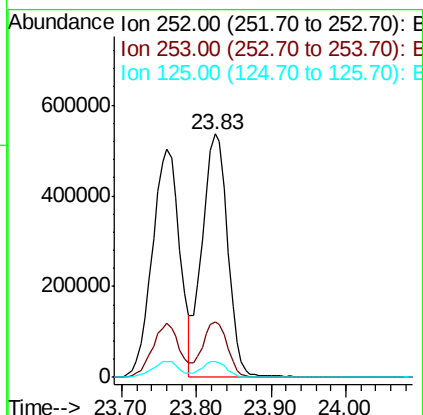
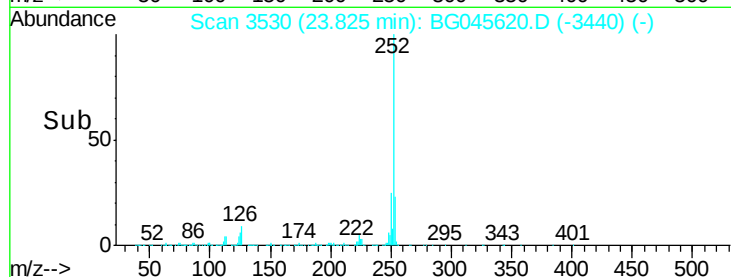
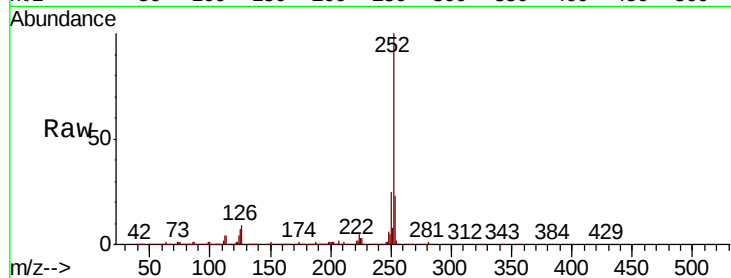
Tot Ion:252 Resp: 1269372

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 6.5 5.7 8.5



#90

Benzo(a)pyrene

Concen: 57.310 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG045620.D

Acq: 5 Jun 2020 17:29

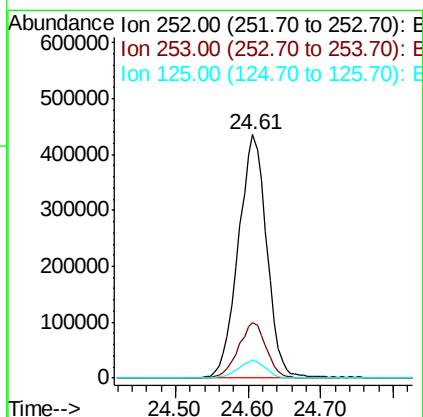
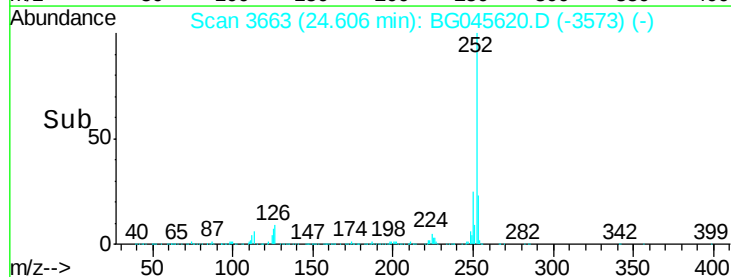
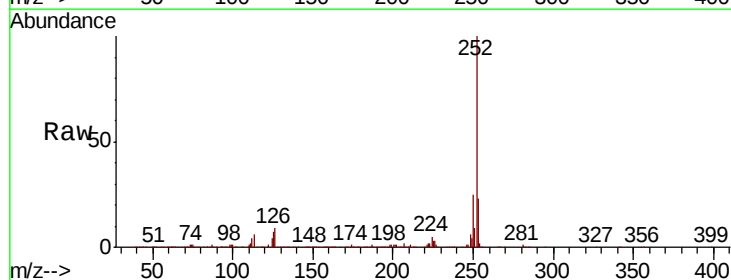
Tgt Ion:252 Resp: 1185807

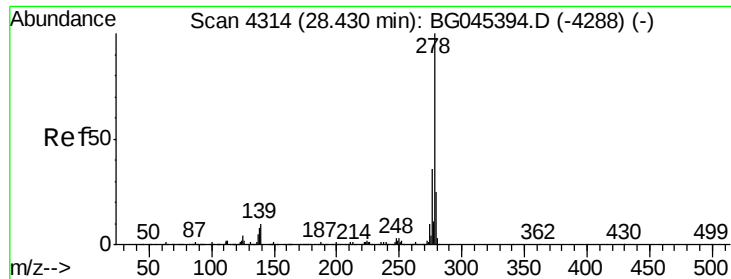
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 7.5 5.0 7.6

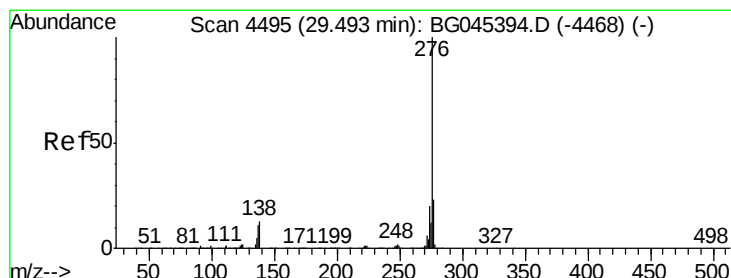
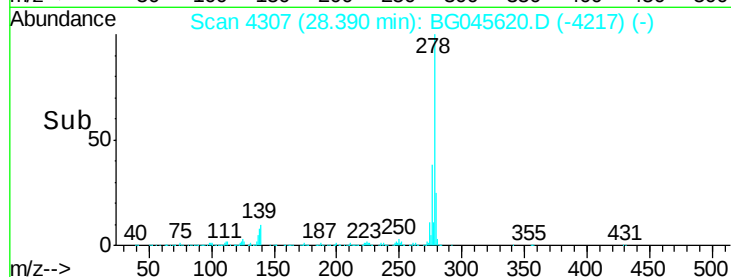
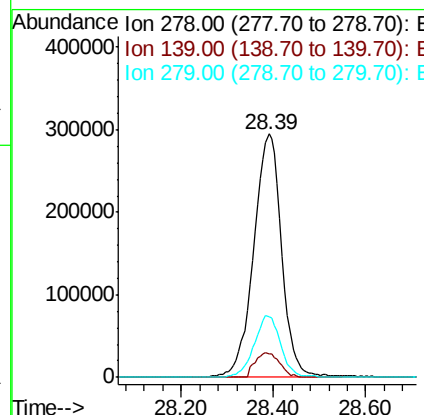
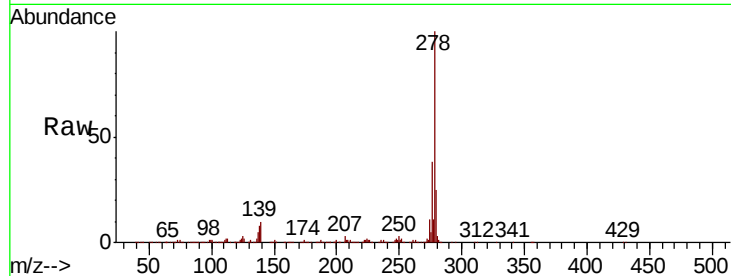




#91
Dibenzo(a,h)anthracene
Concen: 59.735 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:278 Resp: 1242050
Ion Ratio Lower Upper
278 100
139 9.7 7.8 11.8
279 25.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 60.230 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045620.D
Acq: 5 Jun 2020 17:29

Tgt Ion:276 Resp: 1252504
Ion Ratio Lower Upper
276 100
277 23.1 18.1 27.1
138 13.7 10.2 15.4

