

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045639.D
 Acq On : 8 Jun 2020 12:13
 Operator : CG/JU
 Sample : PB129333BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Quant Time: Jun 08 13:09:17 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	7.95	152	54904	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	223560	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	176354	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	452738	20.00	ng	0.00
76) Chrysene-d12	21.60	240	415929	20.00	ng	0.00
87) Perylene-d12	24.75	264	446505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	408999	145.58	ng	0.00
7) Phenol-d6	7.15	99	586655	146.71	ng	0.00
23) Nitrobenzene-d5	9.12	82	374984	91.47	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311702	138.20	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	887637	85.37	ng	0.00
79) Terphenyl-d14	19.96	244	1633056	91.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	52760	37.871	ng	# 97
3) Pyridine	3.80	79	117517	30.288	ng	97
4) n-Nitrosodimethylamine	3.71	42	54734	43.109	ng	85
6) Aniline	7.28	93	214779	41.147	ng	99
8) 2-Chlorophenol	7.52	128	150750	48.931	ng	97
9) Benzaldehyde	7.08	77	90162	34.608	ng	95
10) Phenol	7.17	94	203996	49.500	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	136370	42.424	ng	100
12) 1,3-Dichlorobenzene	7.84	146	153601	41.488	ng	98
13) 1,4-Dichlorobenzene	7.99	146	154745	42.353	ng	95
14) 1,2-Dichlorobenzene	8.30	146	148781	42.338	ng	95
15) Benzyl Alcohol	8.20	79	159505	48.288	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	130744	42.849	ng	95
17) 2-Methylphenol	8.42	107	139736	45.301	ng	95
18) Hexachloroethane	9.03	117	59290	42.370	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	129716	46.912	ng	98
20) 3+4-Methylphenols	8.75	107	188715	44.927	ng	96
22) Acetophenone	8.77	105	232335	43.848	ng	97
24) Nitrobenzene	9.16	77	191227	43.537	ng	97
25) Isophorone	9.68	82	365138	45.225	ng	100
26) 2-Nitrophenol	9.87	139	86380	45.972	ng	95
27) 2,4-Dimethylphenol	9.94	122	149415	53.615	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	192557	45.477	ng	98
29) 2,4-Dichlorophenol	10.42	162	160538	48.783	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	168190	43.251	ng	97
31) Naphthalene	10.81	128	467115	44.838	ng	98
32) Benzoic acid	10.11	122	81579	44.077	ng	96
33) 4-Chloroaniline	10.92	127	151108	34.700	ng	99
34) Hexachlorobutadiene	11.10	225	116915	42.534	ng	95
35) Caprolactam	11.69	113	33061	27.370	ng	87
36) 4-Chloro-3-methylphenol	12.07	107	190680	51.420	ng	97
37) 2-Methylnaphthalene	12.42	142	367104	47.278	ng	98
38) 1-Methylnaphthalene	12.42	142	367104	50.050	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	208904	42.410	ng	98

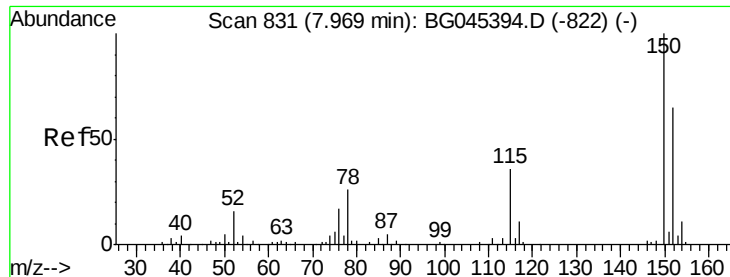
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	250238	88.016	ng	96
43) 2,4,6-Trichlorophenol	13.03	196	148777	43.479	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	157396	40.252	ng	98
46) 1,1'-Biphenyl	13.43	154	484118	44.676	ng	99
47) 2-Chloronaphthalene	13.47	162	369148	41.952	ng	97
48) 2-Nitroaniline	13.67	65	130462	45.072	ng	94
49) Acenaphthylene	14.32	152	632460	44.747	ng	99
50) Dimethylphthalate	14.06	163	551420	45.580	ng	100
51) 2,6-Dinitrotoluene	14.17	165	119530	43.786	ng	94
52) Acenaphthene	14.66	154	372453	39.367	ng	97
53) 3-Nitroaniline	14.50	138	98271	35.413	ng	97
54) 2,4-Dinitrophenol	14.71	184	155099	86.273	ng	97
55) Dibenzofuran	15.00	168	620213	44.144	ng	96
56) 4-Nitrophenol	14.85	139	184267	87.706	ng	92
57) 2,4-Dinitrotoluene	14.96	165	181351	45.870	ng	96
58) Fluorene	15.65	166	528267	45.767	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	156715	45.555	ng	99
60) Diethylphthalate	15.42	149	579517	46.024	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	293802	44.481	ng	98
62) 4-Nitroaniline	15.67	138	128315	44.292	ng	100
63) Azobenzene	15.93	77	549402	46.793	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	117212	44.453	ng	96
66) n-Nitrosodiphenylamine	15.85	169	474306	43.634	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	207909	42.410	ng	97
68) Hexachlorobenzene	16.66	284	226550	44.183	ng	99
69) Atrazine	16.81	200	188967	42.205	ng	97
70) Pentachlorophenol	17.00	266	234877	88.220	ng	97
71) Phenanthrene	17.39	178	888420	44.950	ng	100
72) Anthracene	17.48	178	907772	45.736	ng	99
73) Carbazole	17.75	167	844409	43.645	ng	99
74) Di-n-butylphthalate	18.31	149	1008239	43.418	ng	99
75) Fluoranthene	19.40	202	1114958	44.351	ng	99
77) Benzidine	19.58	184	606356	51.907	ng	99
78) Pyrene	19.76	202	1100819	46.429	ng	100
80) Butylbenzylphthalate	20.65	149	442336	43.223	ng	99
81) Benzo(a)anthracene	21.59	228	1037705	44.786	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	340787	37.496	ng	97
83) Chrysene	21.65	228	987037	44.304	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	624862	44.418	ng	99
85) Di-n-octyl phthalate	22.68	149	1053094	43.585	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1281814	43.998	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1129172	47.154	ng	99
89) Benzo(k)fluoranthene	23.82	252	1053213	46.815	ng	99
90) Benzo(a)pyrene	24.61	252	1006099	45.112	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	1043536	46.563	ng	99
92) Benzo(g,h,i)perylene	29.44	276	1062089	47.385	ng	99

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

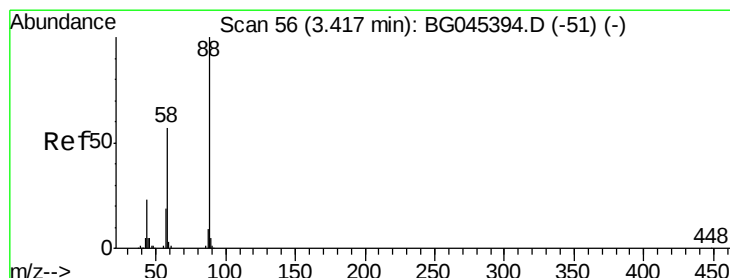
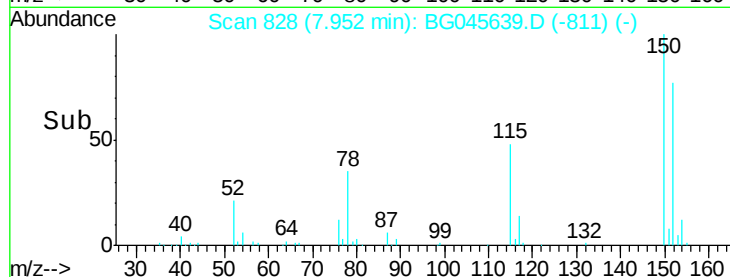
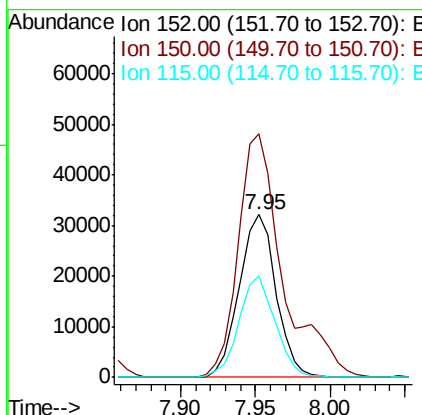
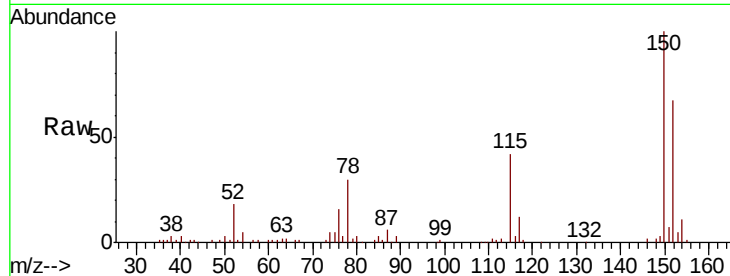


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

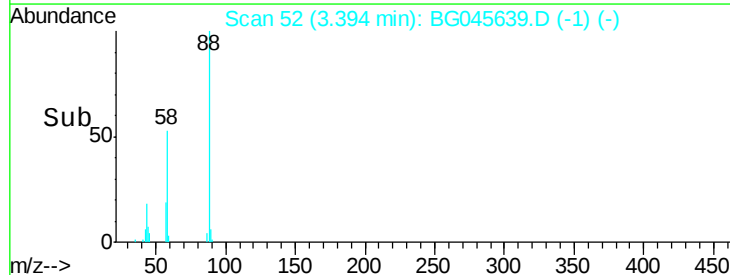
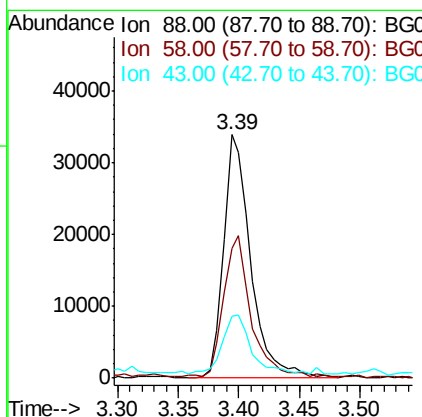
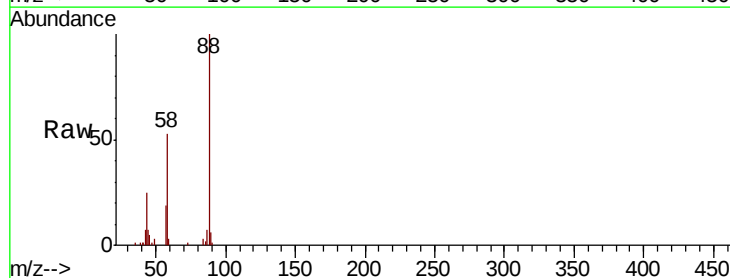
Tot Ion:152 Resp: 54904
Ion Ratio Lower Upper
152 100
150 150.0 122.4 183.6
115 62.3 44.2 66.4

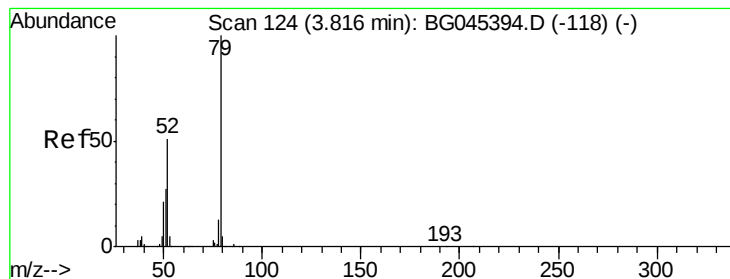


#2

1,4-Dioxane
Concen: 37.871 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion: 88 Resp: 52760
Ion Ratio Lower Upper
88 100
58 57.6 45.7 68.5
43 25.2 16.8 25.2#





#3

Pvridine

Concen: 30.288 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

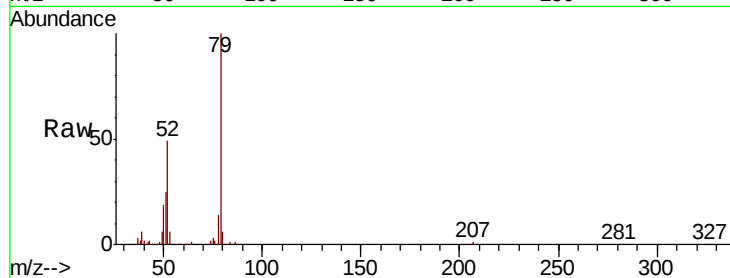
Tot Ion: 79 Resp: 117517

Ion Ratio Lower Upper

79 100

52 48.8 40.8 61.2

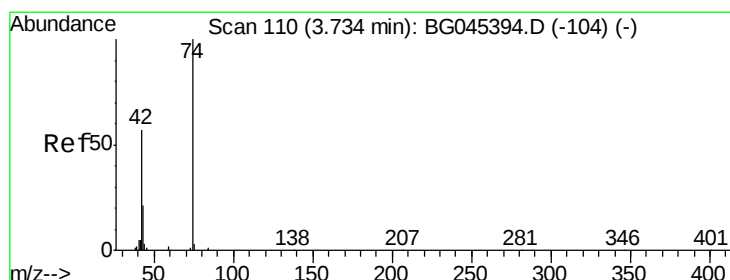
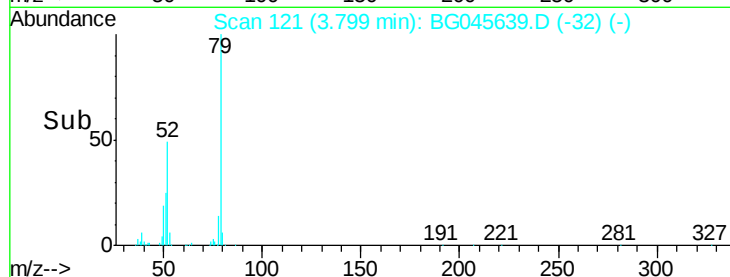
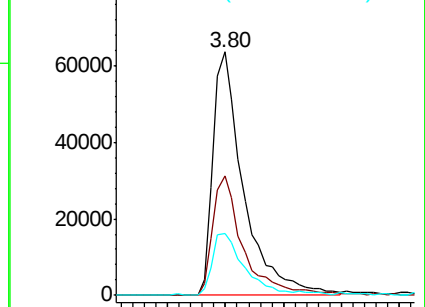
51 25.5 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.109 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

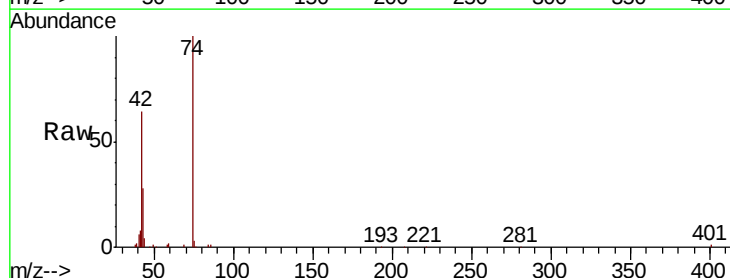
Tgt Ion: 42 Resp: 54734

Ion Ratio Lower Upper

42 100

74 155.5 141.3 211.9

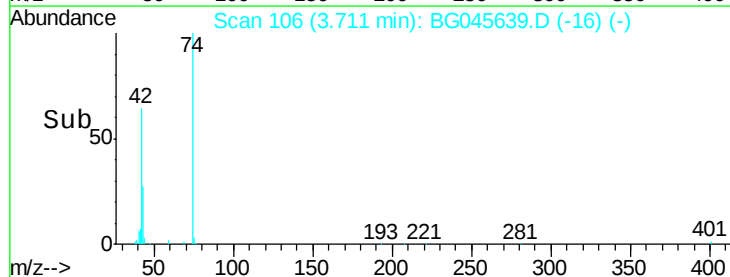
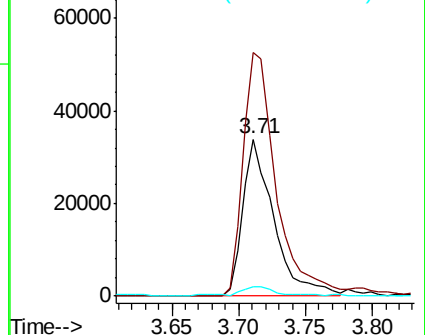
44 5.9 4.2 6.4

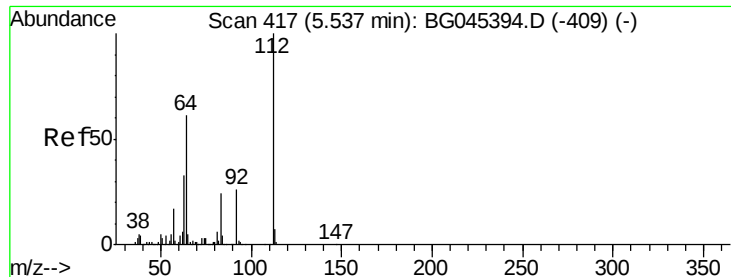


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.582 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

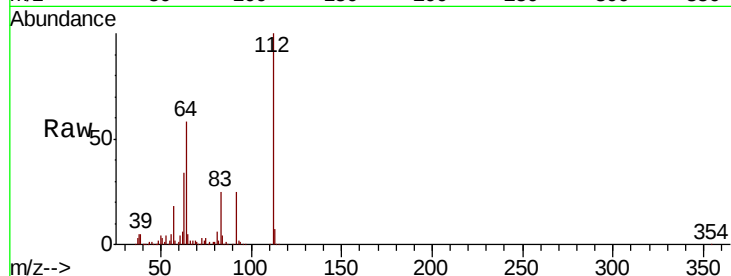
Tot Ion:112 Resp: 408999

Ion Ratio Lower Upper

112 100

64 57.7 48.6 72.8

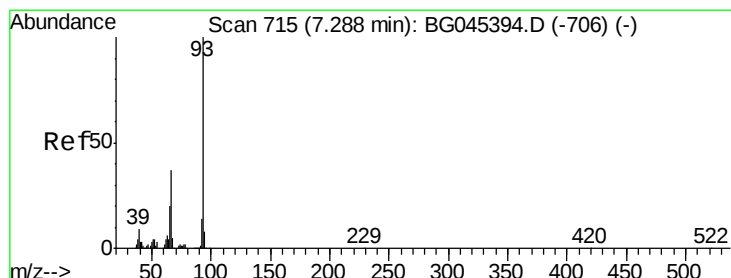
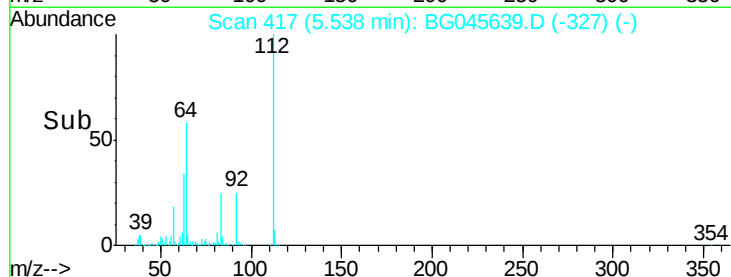
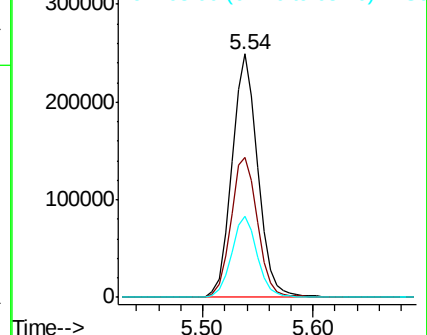
63 33.5 26.5 39.7



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: 41.147 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

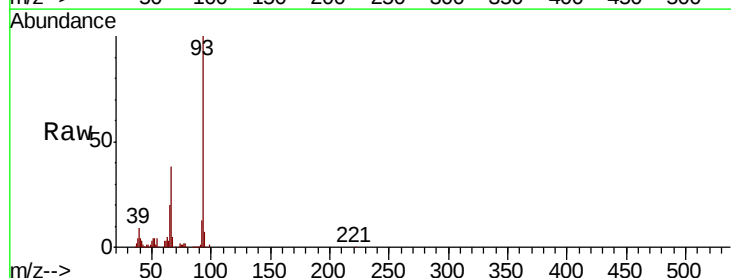
Tgt Ion: 93 Resp: 214779

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

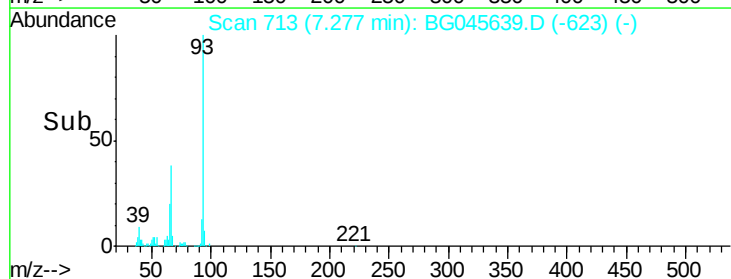
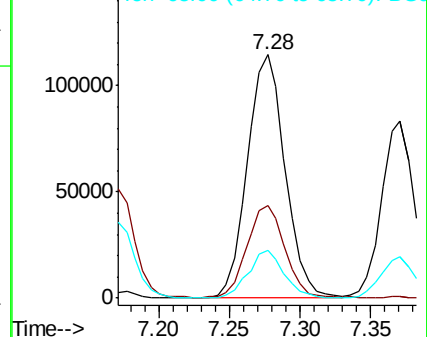
65 19.8 15.9 23.9

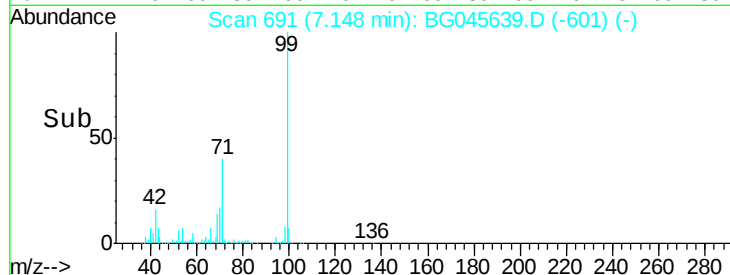
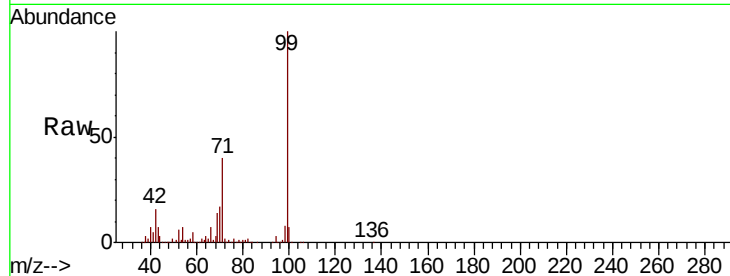


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.714 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

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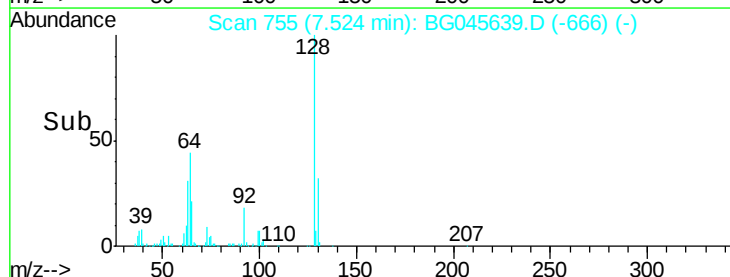
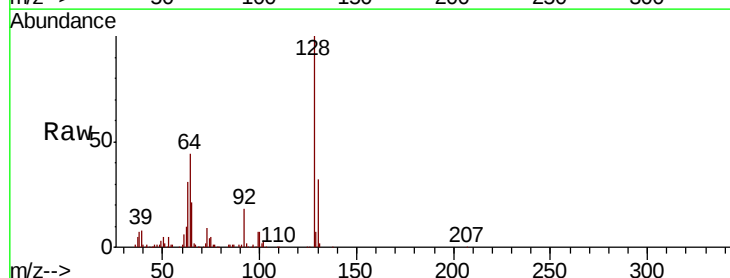
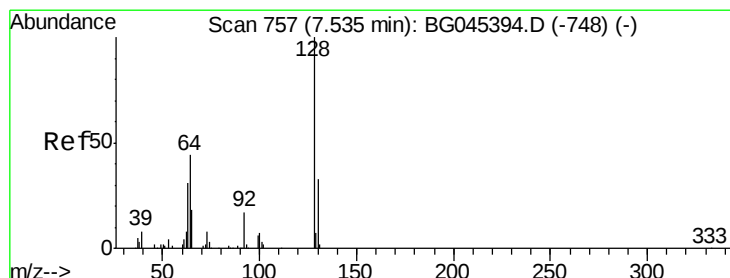
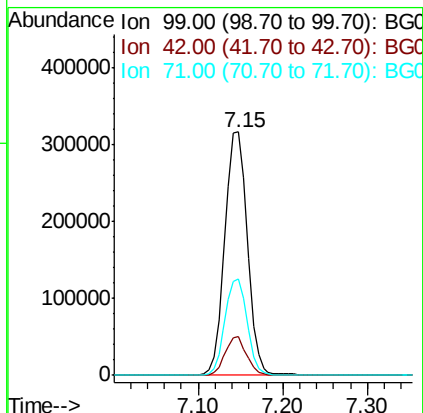
Tot Ion: 99 Resp: 586655

Ion Ratio Lower Upper

99 100

42 15.9 11.3 16.9

71 39.7 30.8 46.2



#8

2-Chlorophenol

Concen: 48.931 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

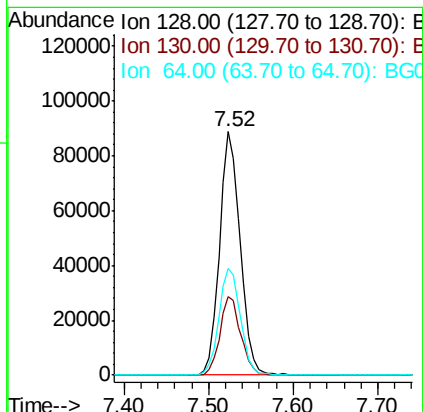
Tgt Ion:128 Resp: 150750

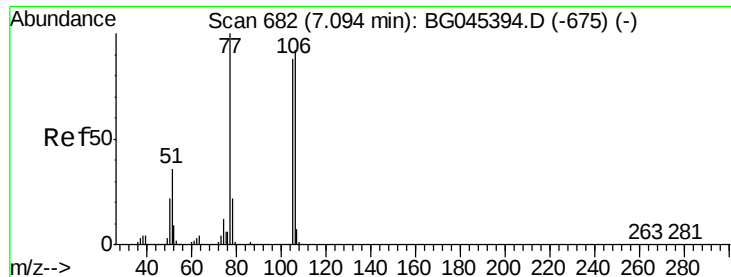
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 43.9 27.0 67.0





#9

Benzaldehyde

Concen: 34.608 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

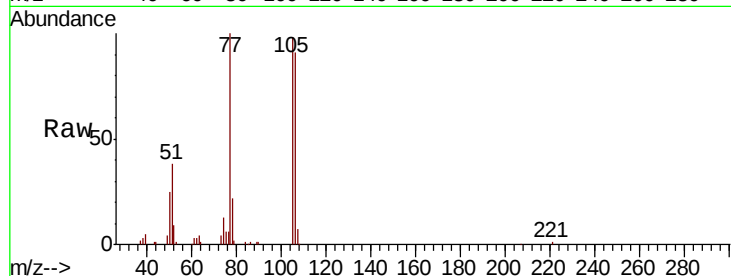
Tot Ion: 77 Resp: 90162

Ion Ratio Lower Upper

77 100

105 97.6 68.5 108.5

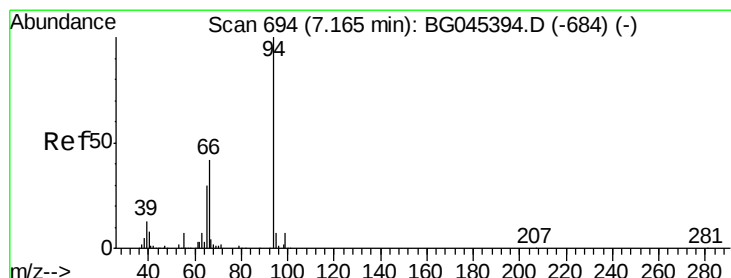
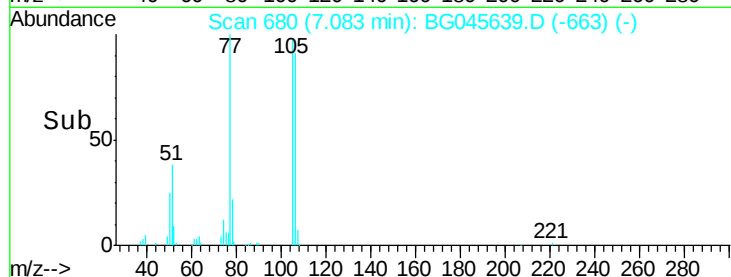
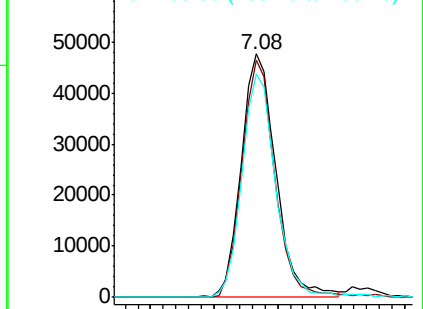
106 91.4 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.500 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

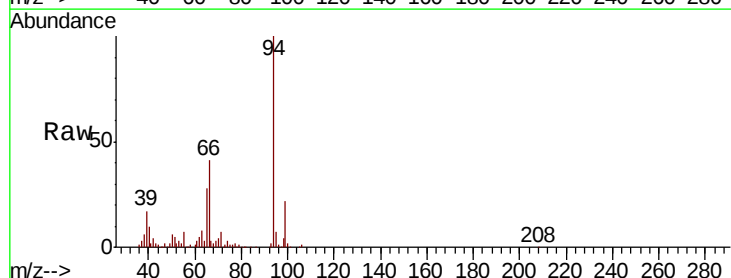
Tgt Ion: 94 Resp: 203996

Ion Ratio Lower Upper

94 100

65 28.4 9.8 49.8

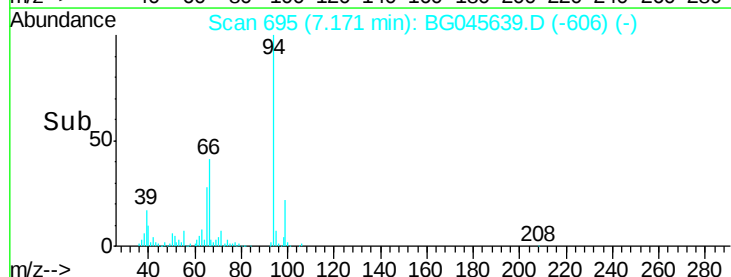
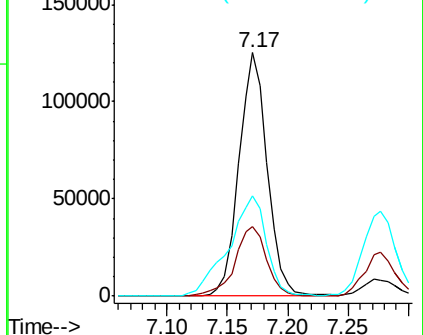
66 41.0 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.424 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

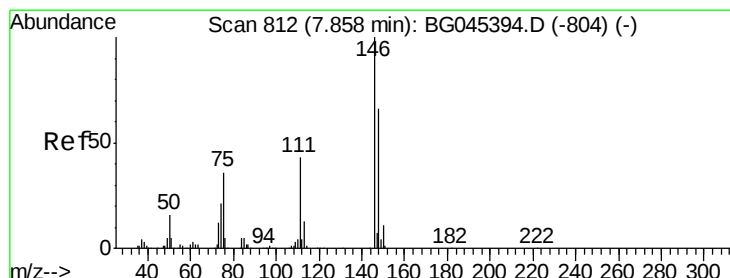
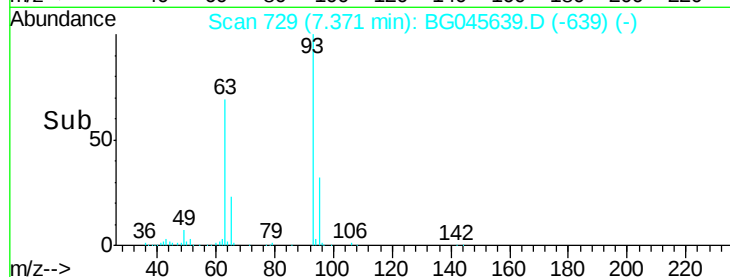
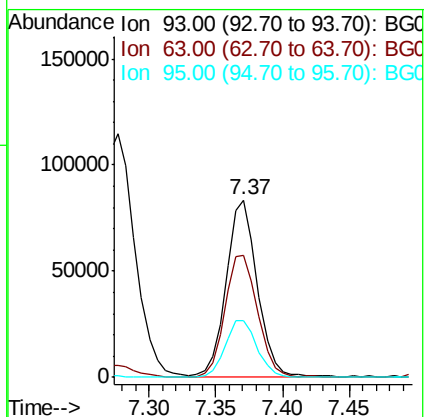
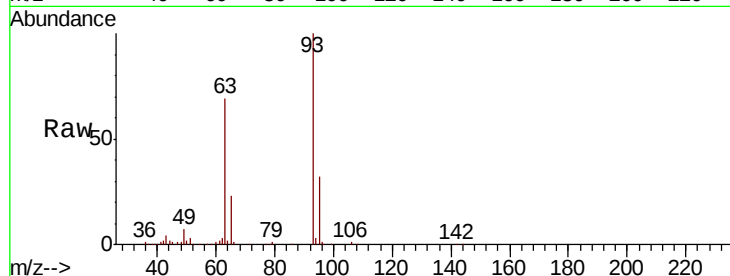
Tot Ion: 93 Resp: 136370

Ion Ratio Lower Upper

93 100

63 68.8 48.4 88.4

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.488 ng

RT: 7.84 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

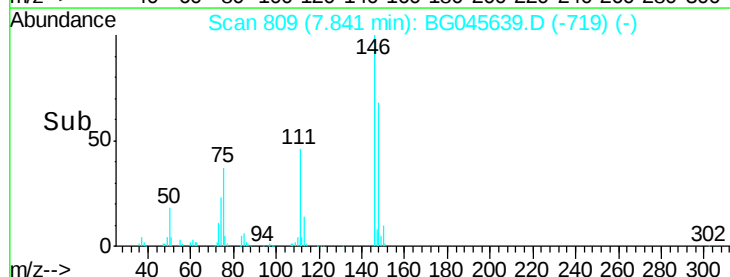
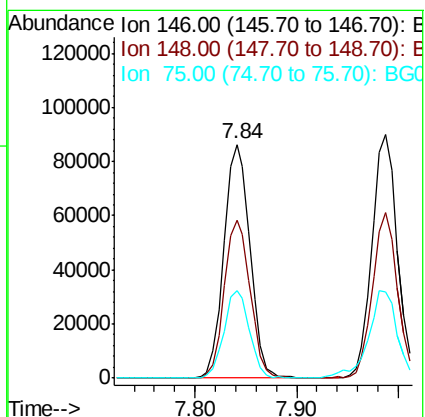
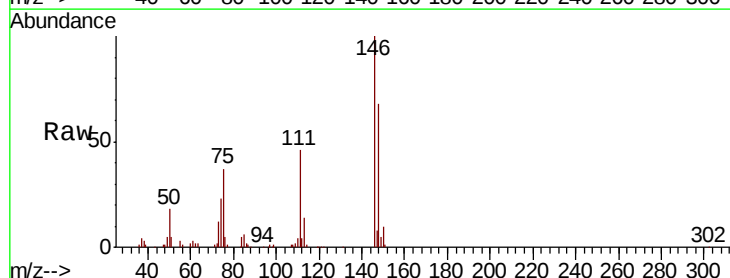
Tgt Ion: 146 Resp: 153601

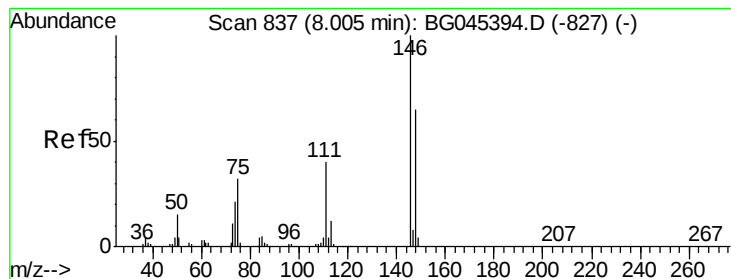
Ion Ratio Lower Upper

146 100

148 67.6 53.2 79.8

75 37.4 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 42.353 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

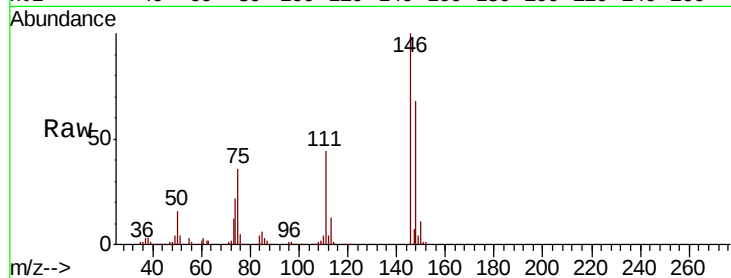
Tot Ion:146 Resp: 154745

Ion Ratio Lower Upper

146 100

148 68.2 51.8 77.8

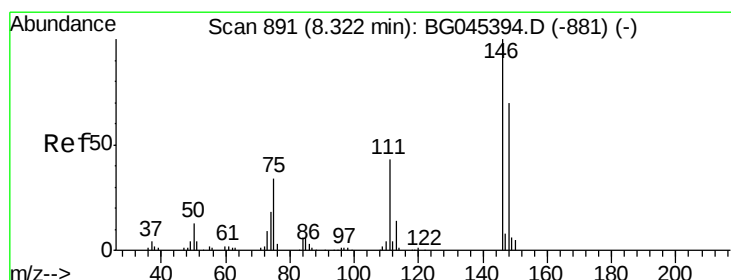
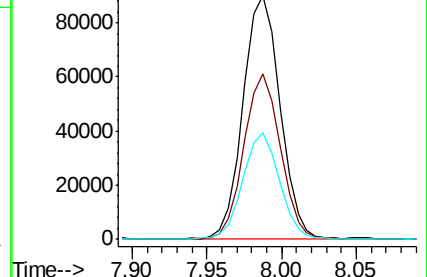
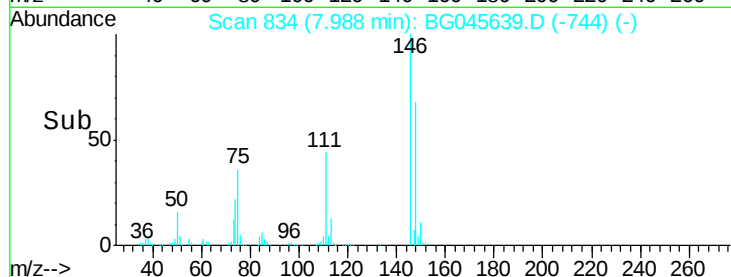
111 43.7 32.1 48.1



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: 42.338 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

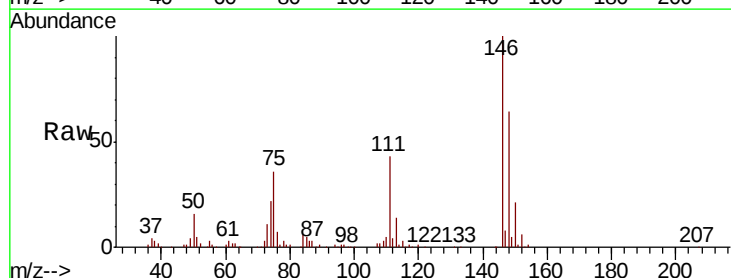
Tgt Ion:146 Resp: 148781

Ion Ratio Lower Upper

146 100

148 63.8 55.9 83.9

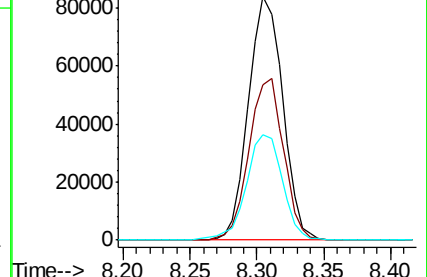
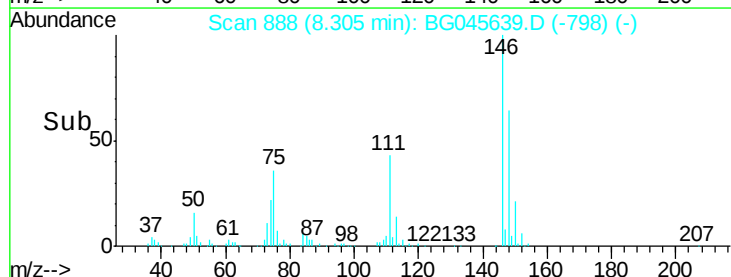
111 43.1 35.0 52.4

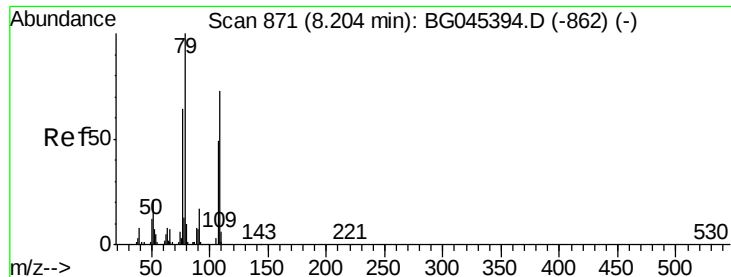


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.288 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

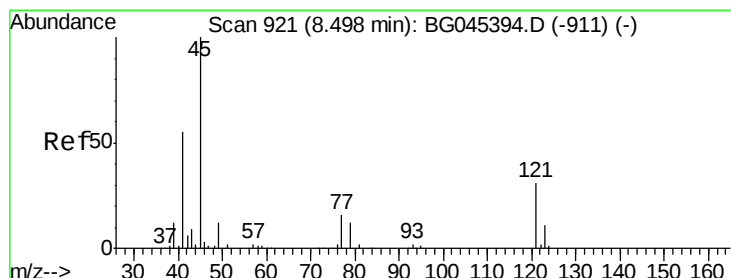
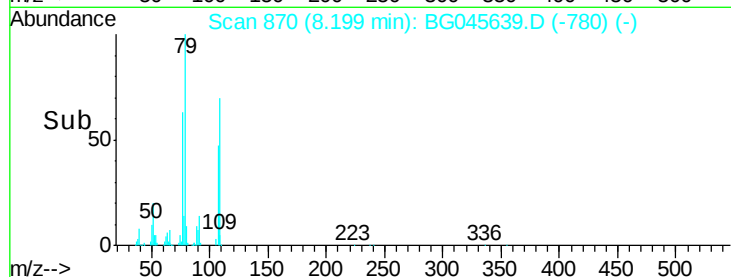
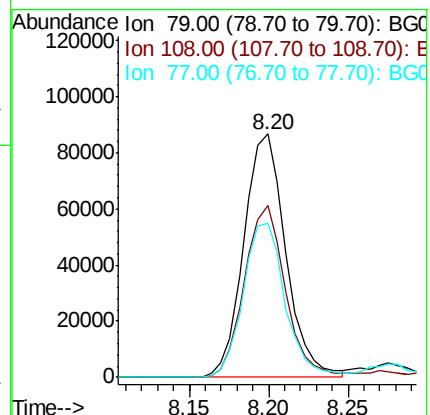
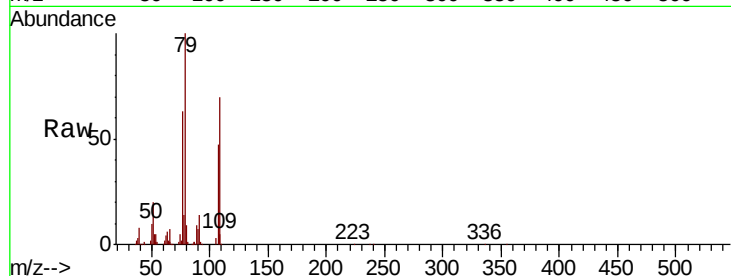
Tot Ion: 79 Resp: 159505

Ion Ratio Lower Upper

79 100

108 70.5 58.2 87.4

77 63.3 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.849 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

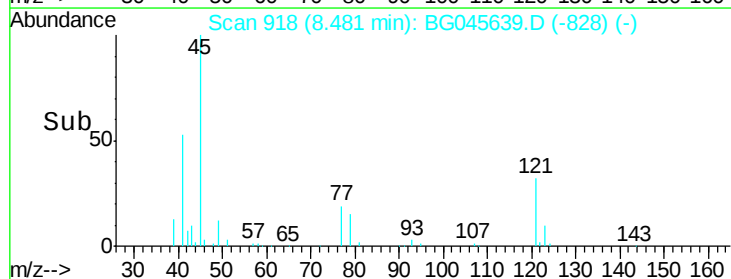
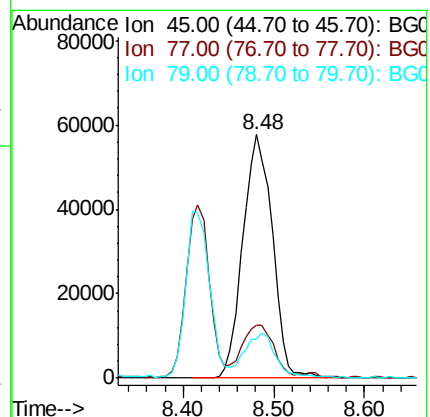
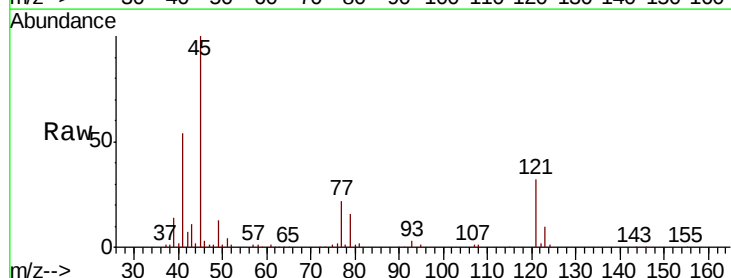
Tgt Ion: 45 Resp: 130744

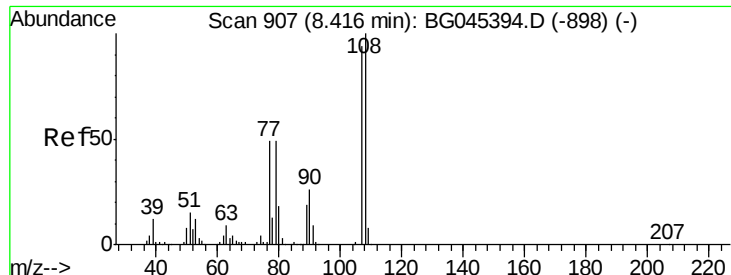
Ion Ratio Lower Upper

45 100

77 21.8 4.0 44.0

79 16.1 0.0 38.6

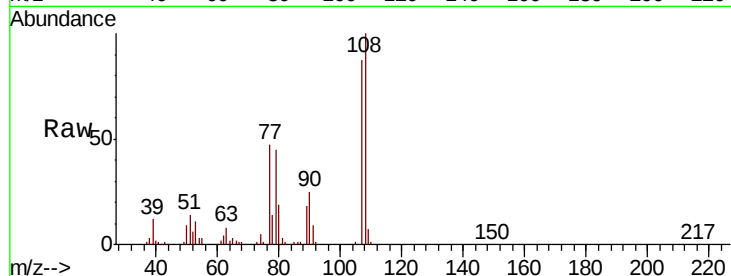




#17
2-Methylphenol
Concen: 45.301 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:	107	Resp:	139736
Ion	Ratio	Lower	Upper
107	100		
108	114.7	85.2	127.8
77	54.3	41.6	62.4
79	51.9	41.8	62.8



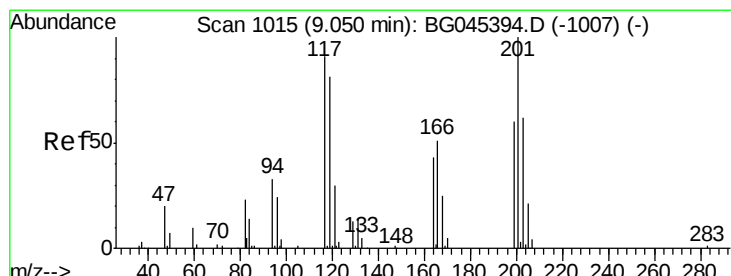
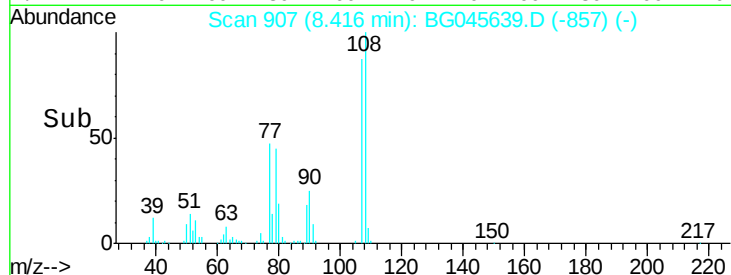
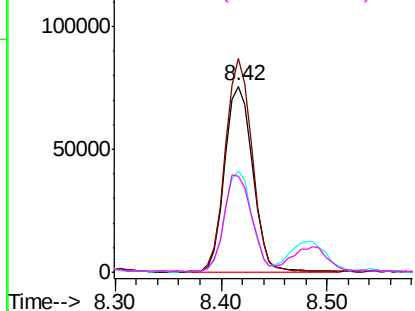
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

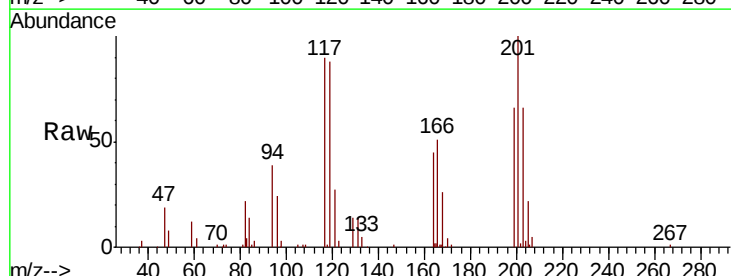
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.370 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:	117	Resp:	59290
Ion	Ratio	Lower	Upper
117	100		
119	97.7	71.3	106.9
201	111.4	87.5	131.3

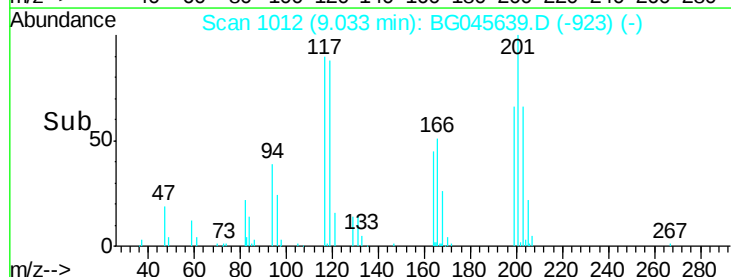
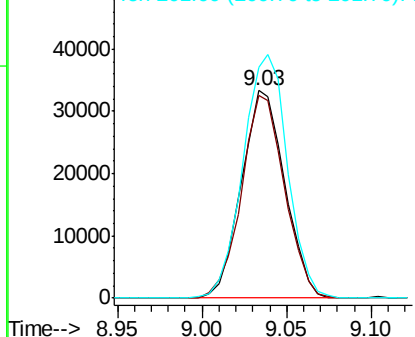


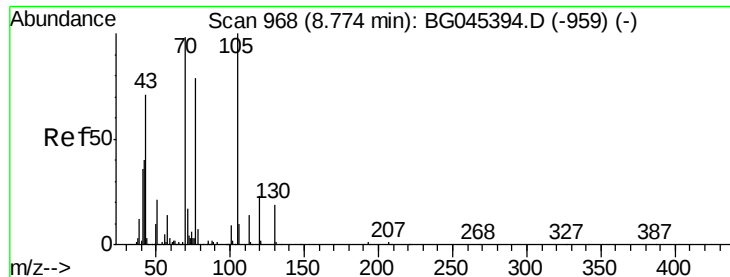
Abundance

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

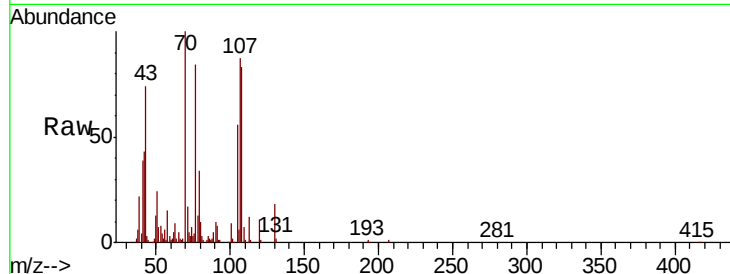




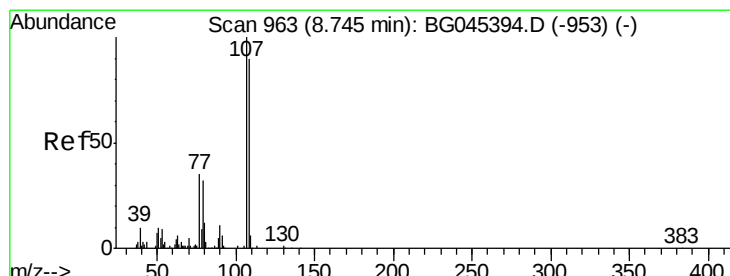
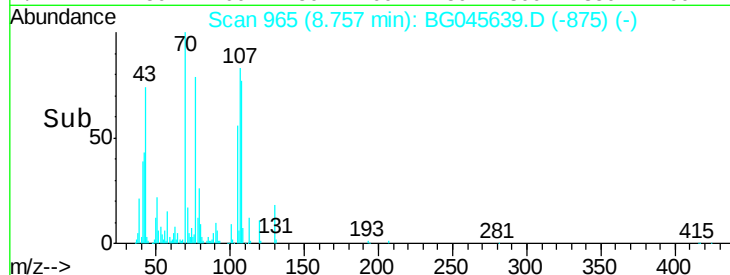
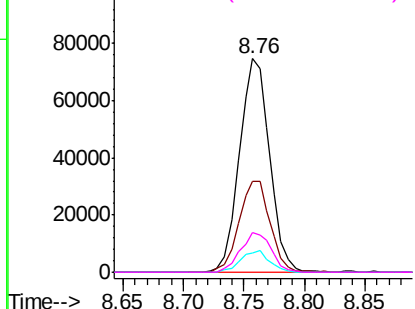
#19
n-Nitroso-di-n-propylamine
Concen: 46.912 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion: 70 Resp: 129716
Ion Ratio Lower Upper
70 100
42 42.7 33.2 49.8
101 8.9 7.8 11.6
130 18.3 15.4 23.2

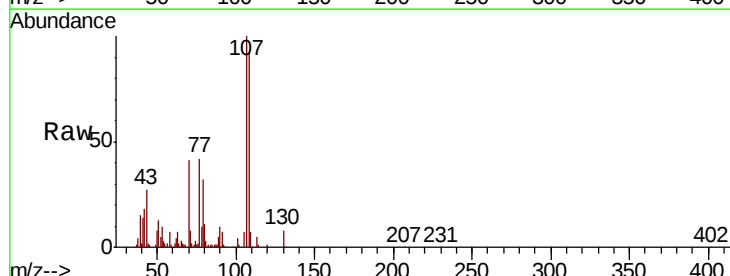


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

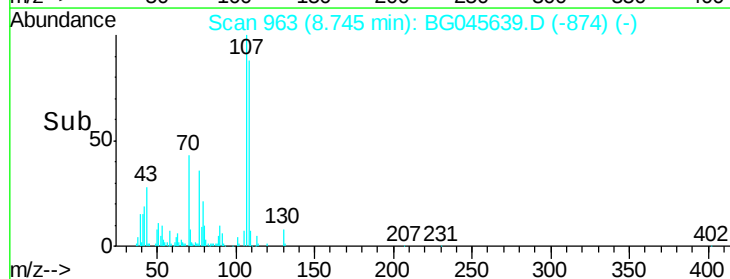
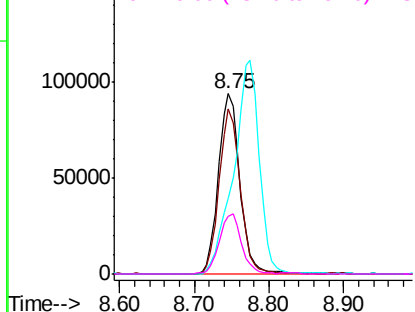


#20
3+4-Methylphenols
Concen: 44.927 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion: 107 Resp: 188715
Ion Ratio Lower Upper
107 100
108 91.9 70.3 110.3
77 41.6 15.4 55.4
79 32.0 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

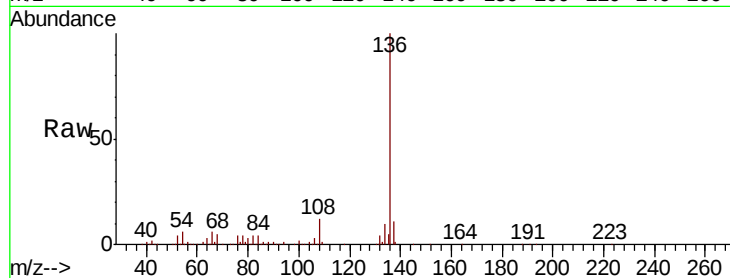




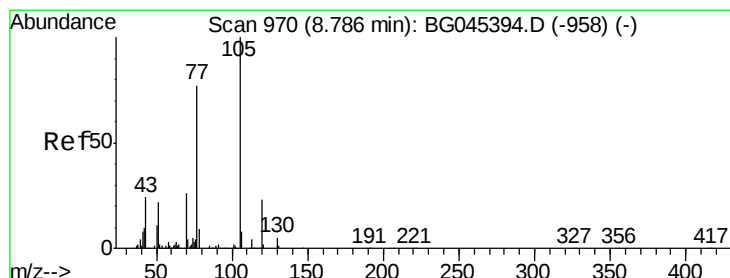
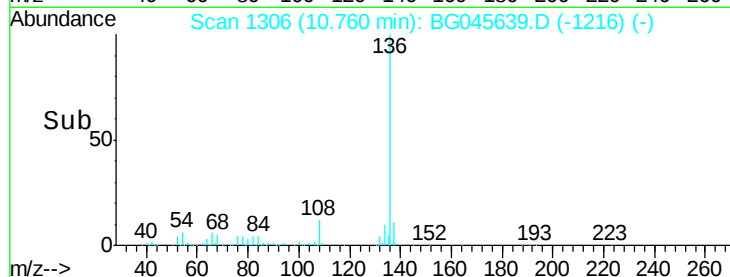
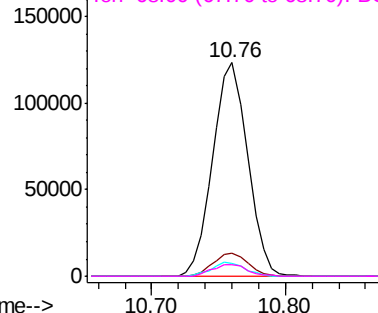
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:136	Resp:	223560
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.4	14.2
54 6.0	5.8	8.6
68 5.2	4.5	6.7

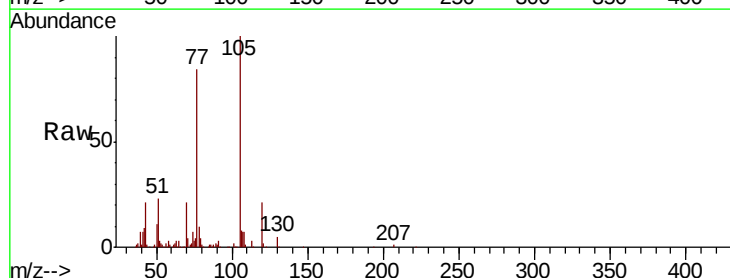


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

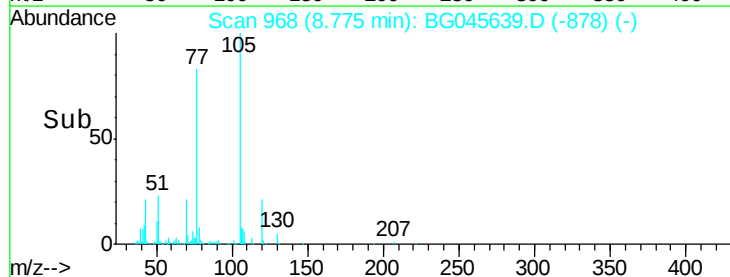
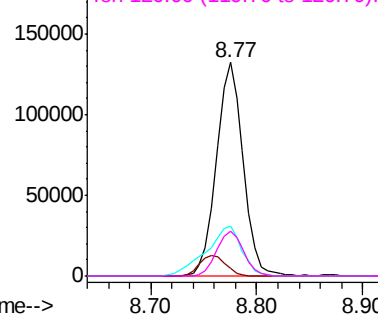


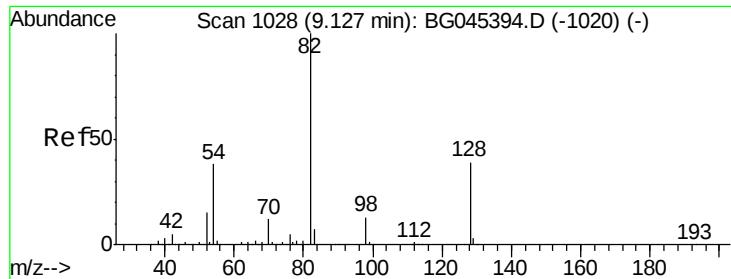
#22
Acetophenone
Concen: 43.848 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt	Ion:105	Resp:	232335
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	23.1	18.2	27.2
120	20.7	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

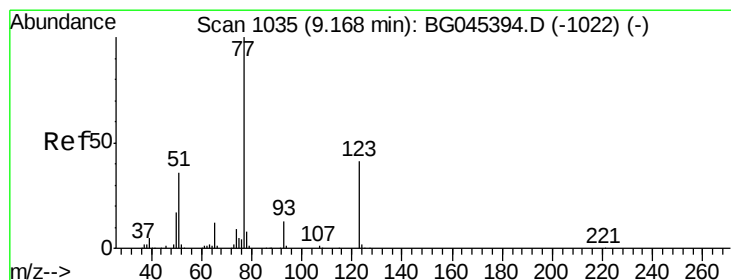
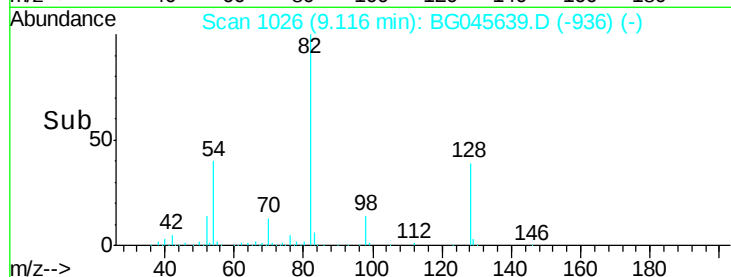
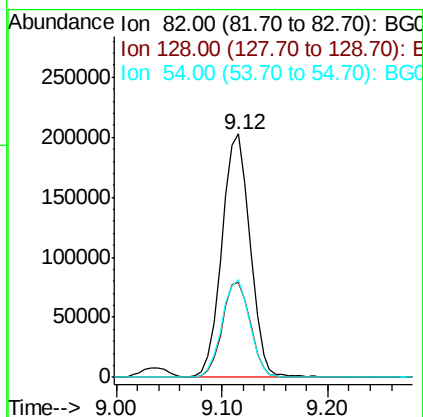
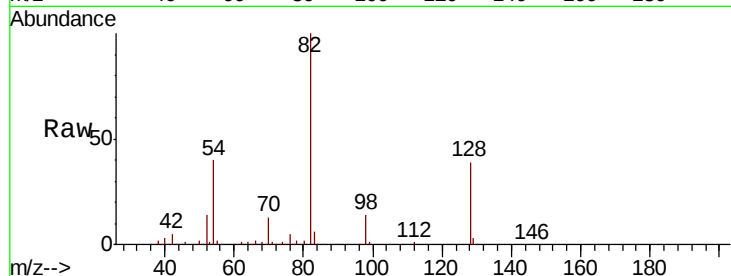




#23
Nitrobenzene-d5
Concen: 91.467 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

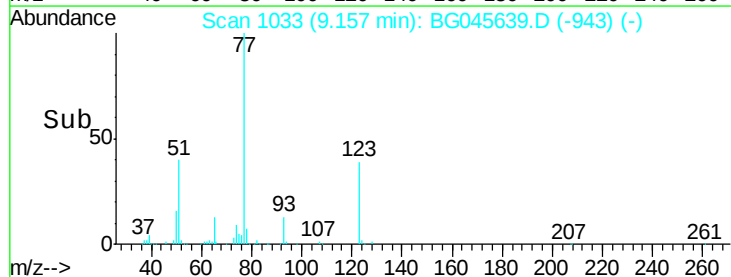
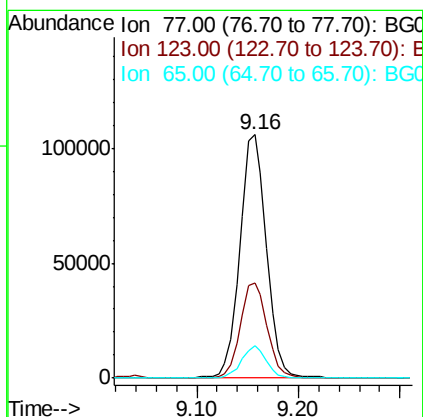
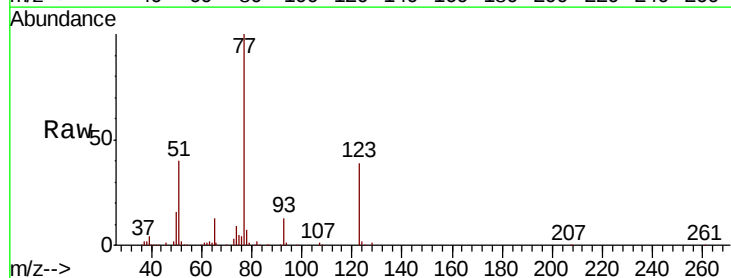
Instrument :
BNA_G
ClientSampleId :
PB129333BS

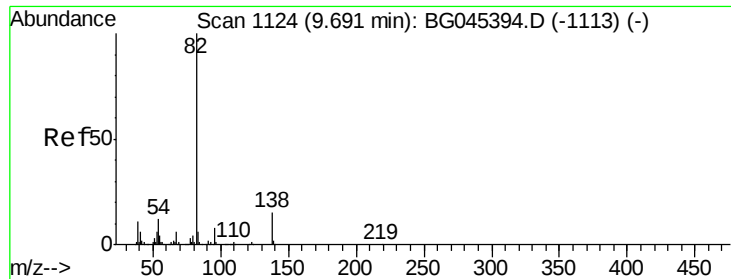
Tot Ion	82	Resp	374984
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.9	46.3
54	40.0	30.3	45.5



#24
Nitrobenzene
Concen: 43.537 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion	77	Resp	191227
Ion Ratio	Lower	Upper	
77	100		
123	39.0	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 45.225 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

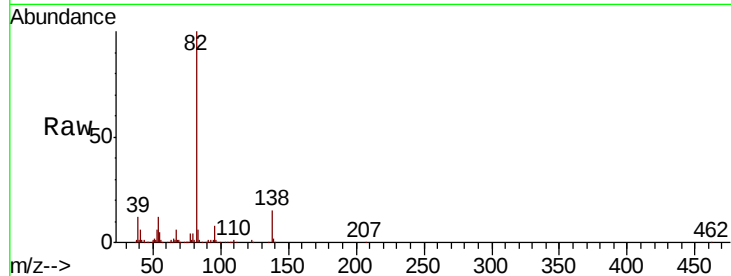
Tot Ion: 82 Resp: 365138

Ion Ratio Lower Upper

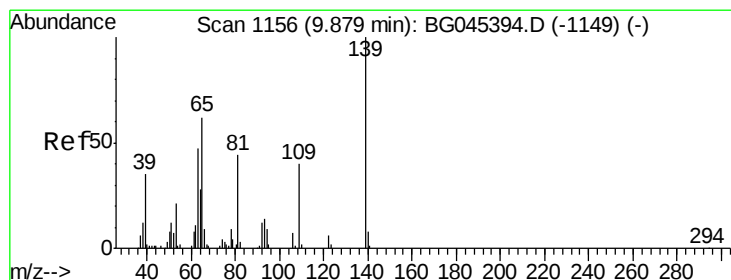
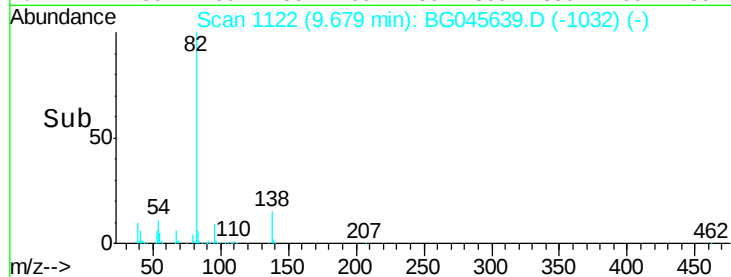
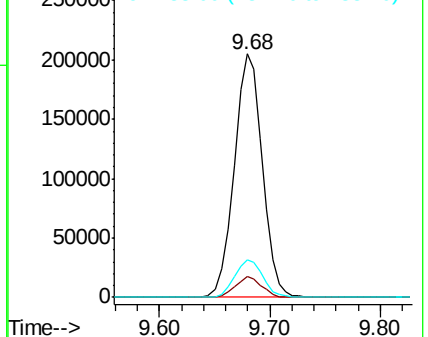
82 100

95 8.5 6.7 10.1

138 15.2 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: 45.972 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

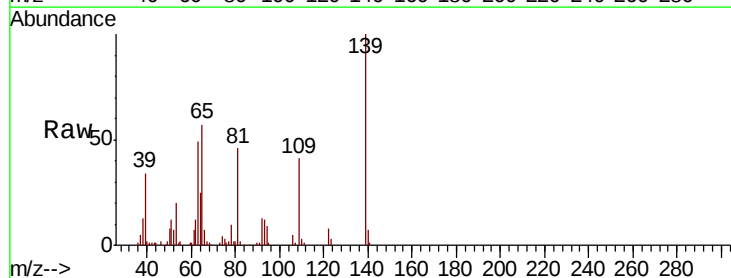
Tgt Ion: 139 Resp: 86380

Ion Ratio Lower Upper

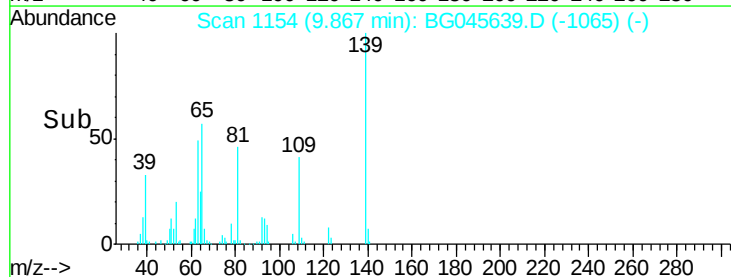
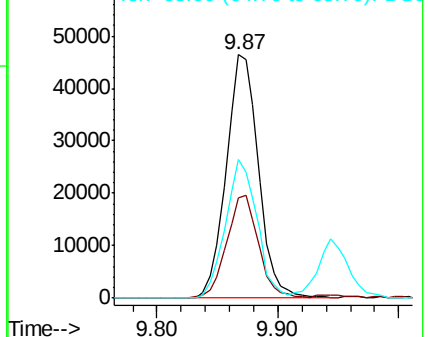
139 100

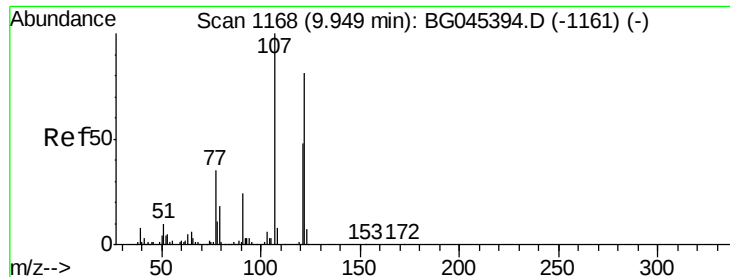
109 41.4 32.2 48.4

65 56.8 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

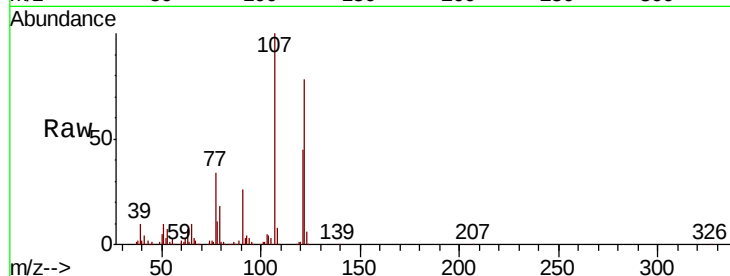




#27
 2,4-Dimethylphenol
 Concen: 53.615 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	99.0	148.4
121	58.0	47.7	71.5

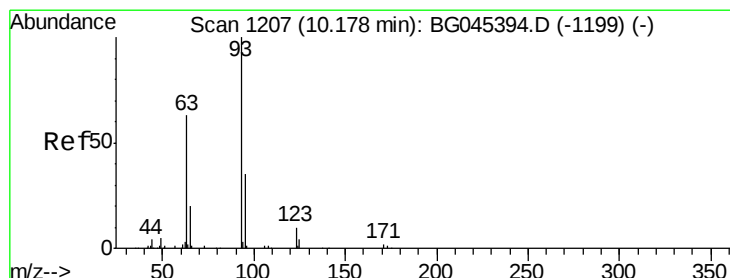
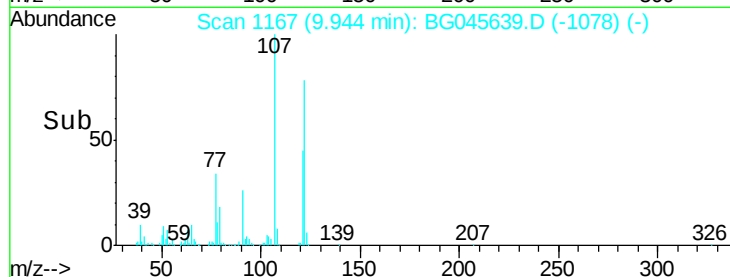
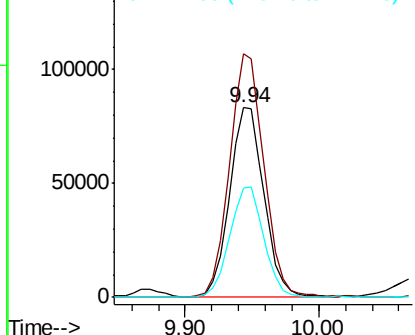


Abundance

Ion 122.00 (121.70 to 122.70): E

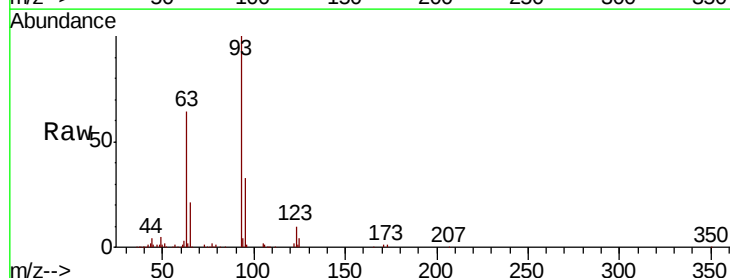
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.477 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.6	41.4
123	10.3	8.1	12.1

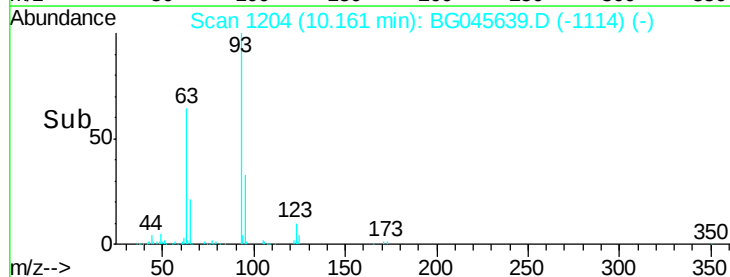
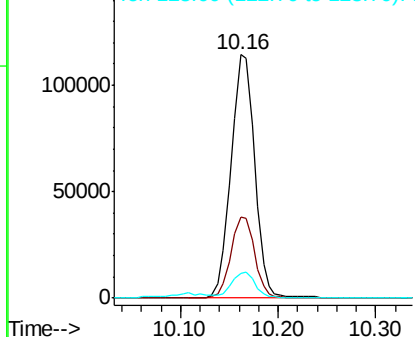


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.783 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampled :

PB129333BS

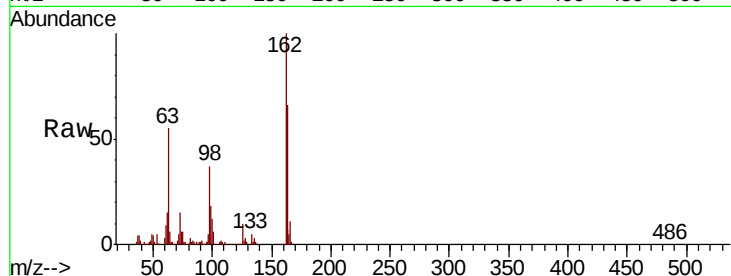
Tot Ion:162 Resp: 160538

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

98 36.9 15.2 55.2

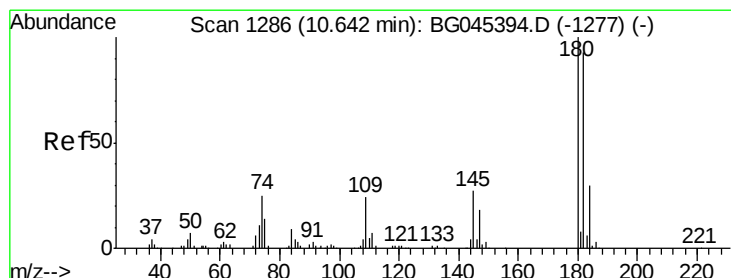
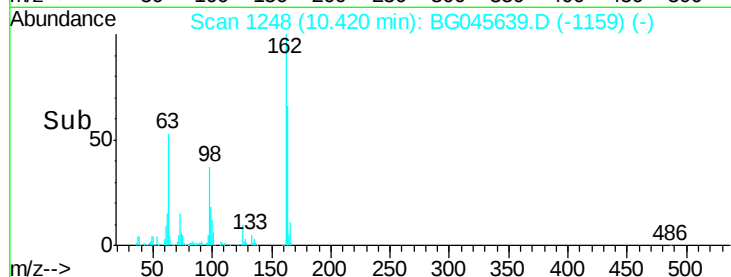


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 43.251 ng

RT: 10.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

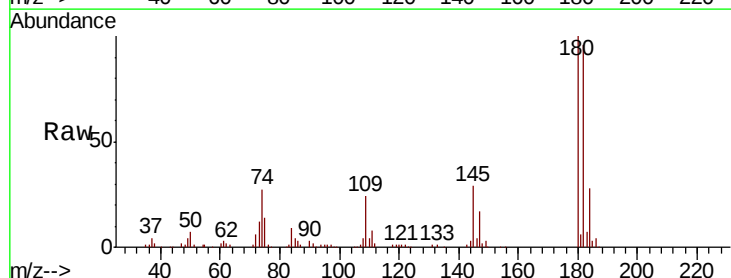
Tgt Ion:180 Resp: 168190

Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

145 29.1 21.9 32.9

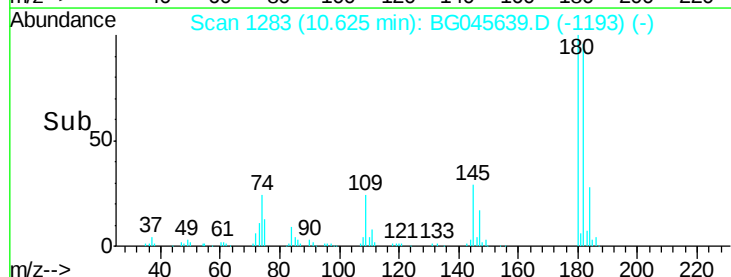


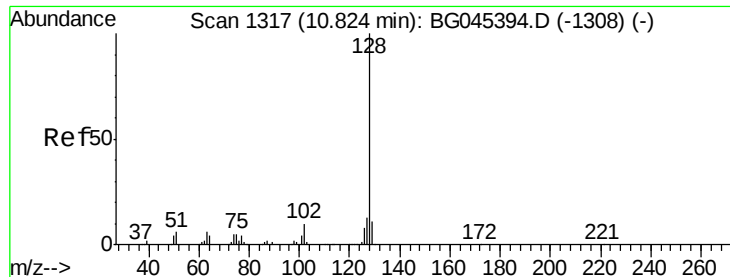
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

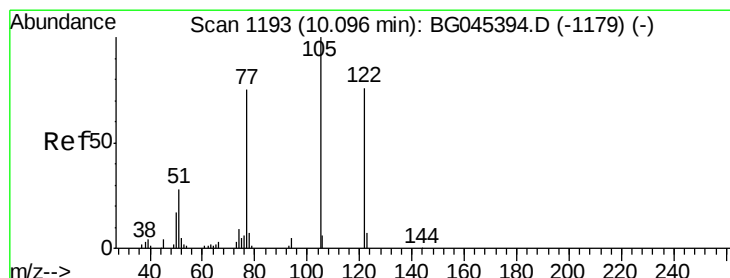
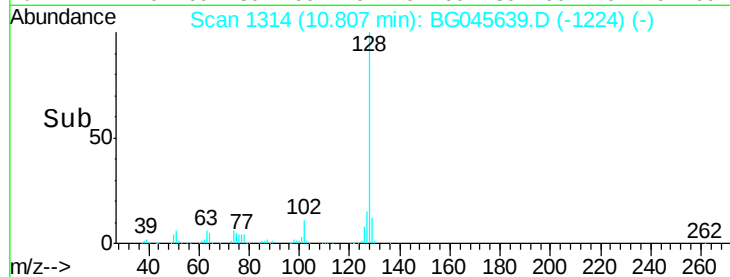
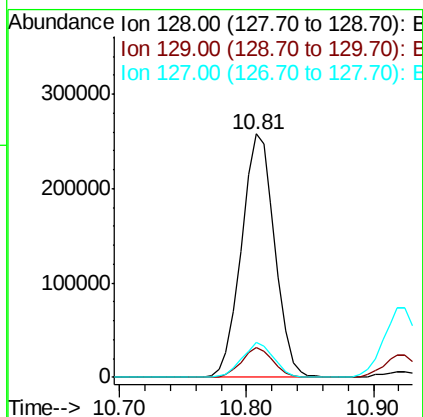
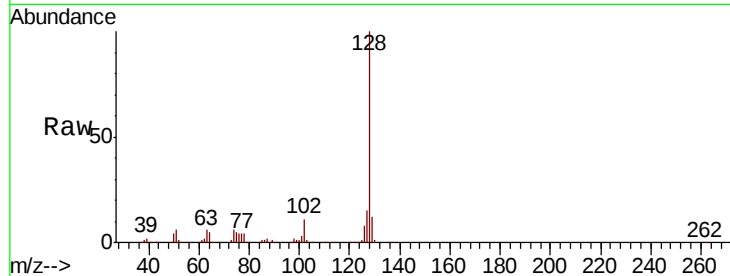




#31
Naphthalene
Concen: 44.838 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

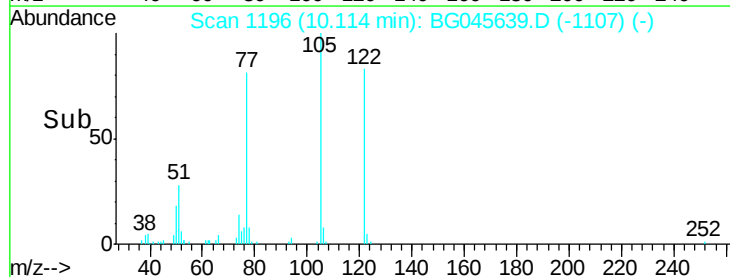
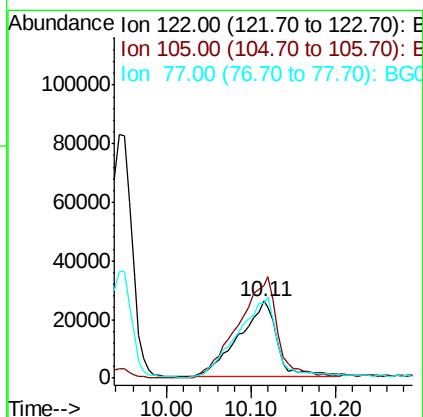
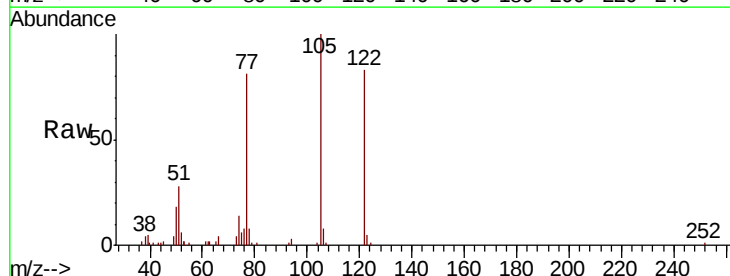
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	14.5	10.7	16.1



#32
Benzoic acid
Concen: 44.077 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	107.9	147.9
77	97.7	78.9	118.9

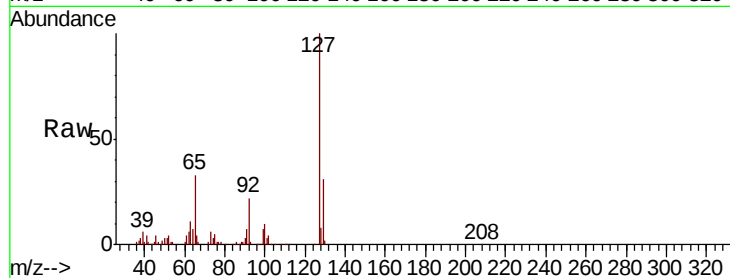




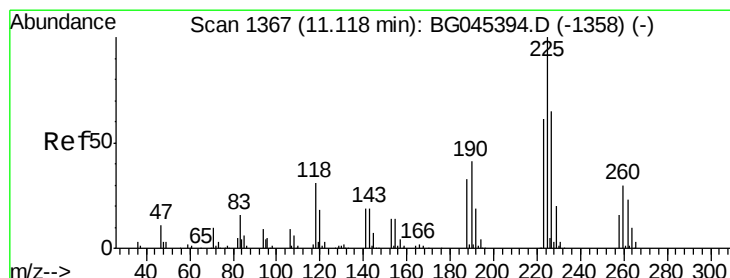
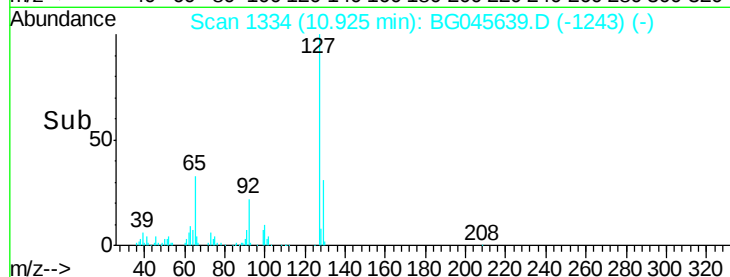
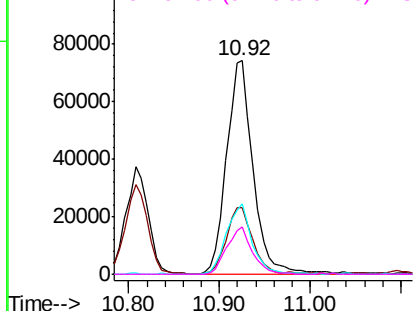
#33
4-Chloroaniline
Concen: 34.700 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:127	Resp:	151108
Ion Ratio	Lower	Upper
127 100		
129 31.5	24.7	37.1
65 33.0	26.2	39.2
92 22.3	17.9	26.9

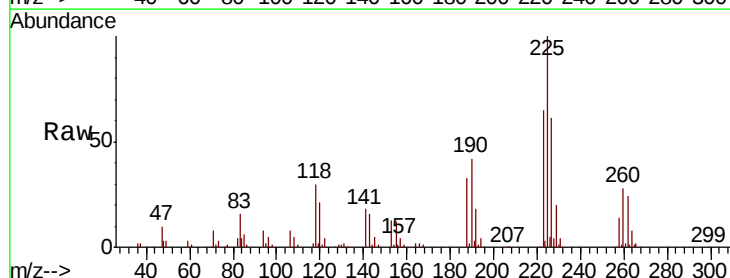


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

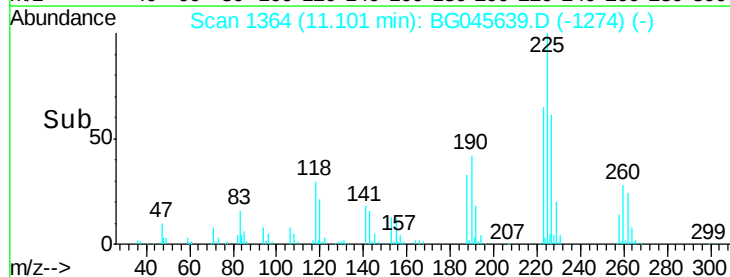
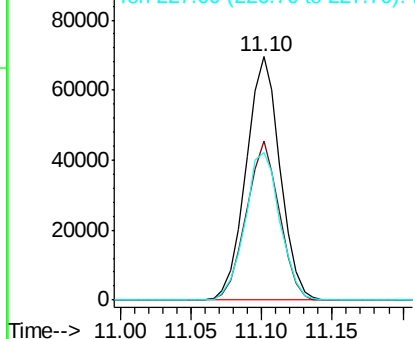


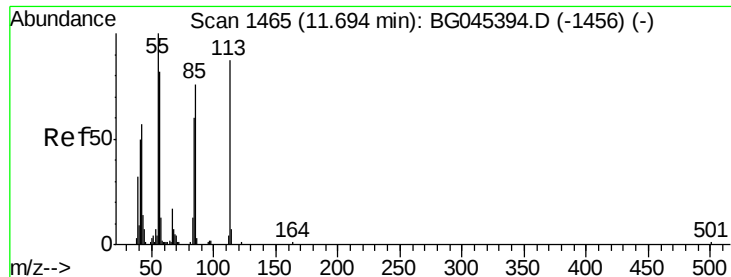
#34
Hexachlorobutadiene
Concen: 42.534 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:225	Resp: 116915
Ion Ratio	Lower Upper
225 100	
223 65.4	49.1 73.7
227 60.6	52.0 78.0



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





#35

Caprolactam

Concen: 27.370 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

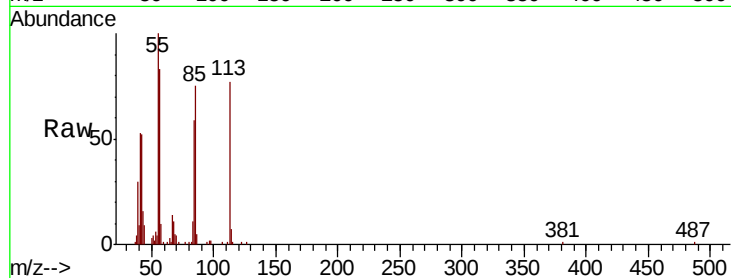
Tot Ion:113 Resp: 33061

Ion Ratio Lower Upper

113 100

55 129.8 96.0 136.0

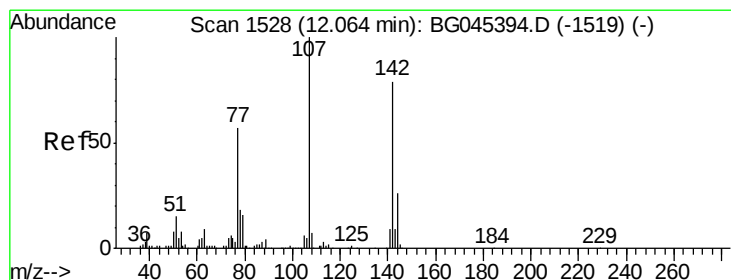
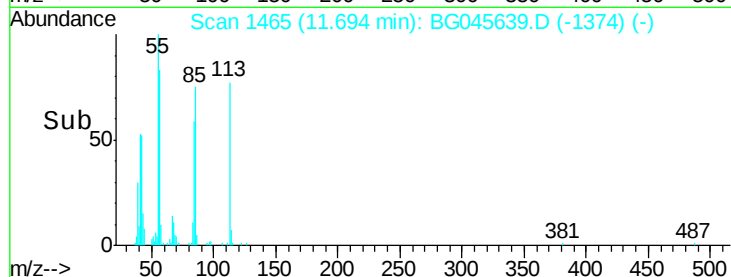
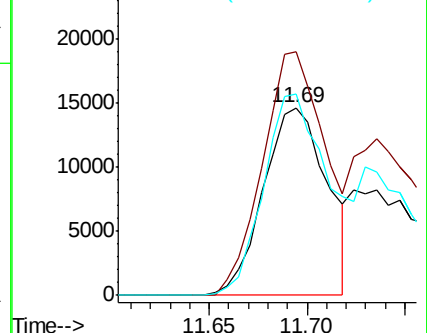
56 107.1 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.420 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

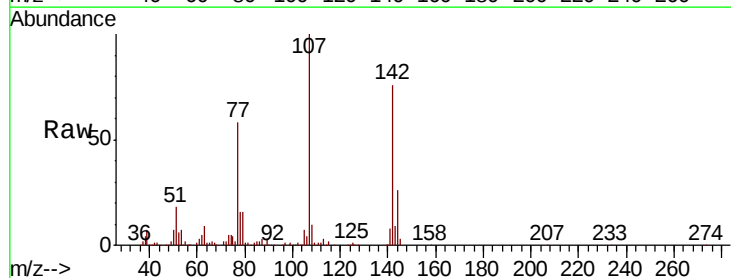
Tgt Ion:107 Resp: 190680

Ion Ratio Lower Upper

107 100

144 26.4 20.8 31.2

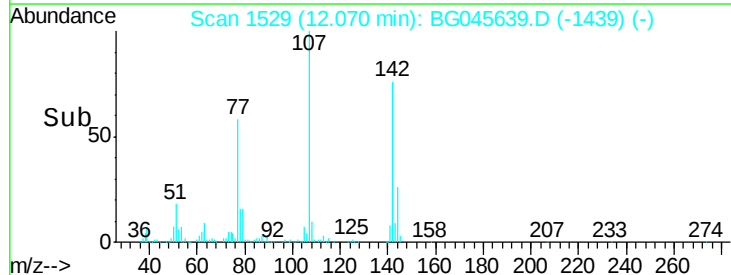
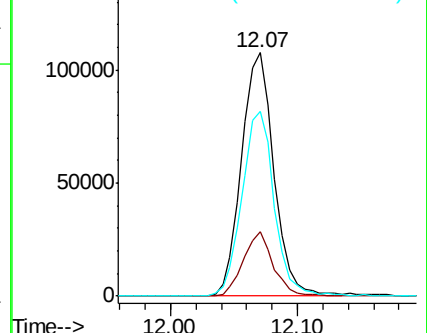
142 75.7 62.8 94.2

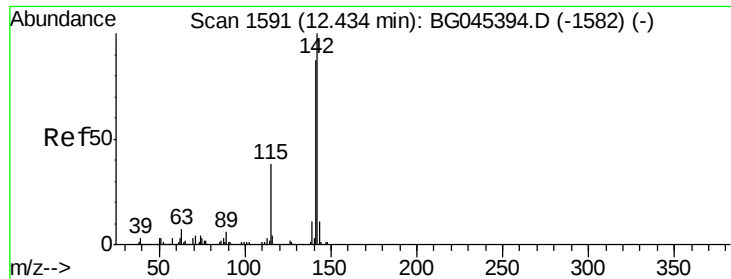


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

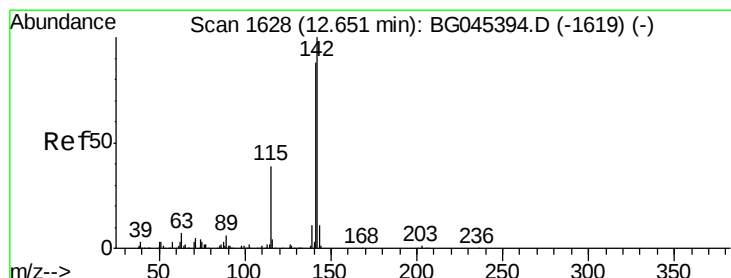
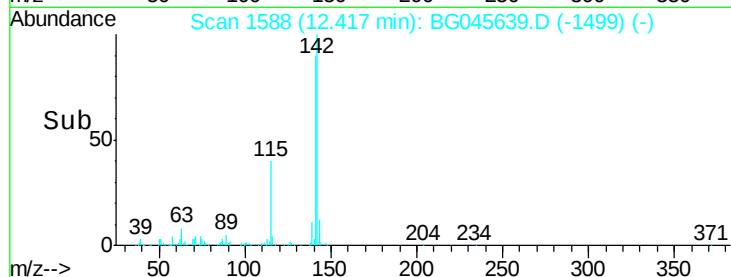
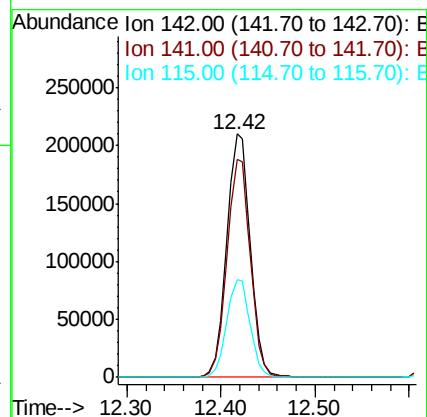
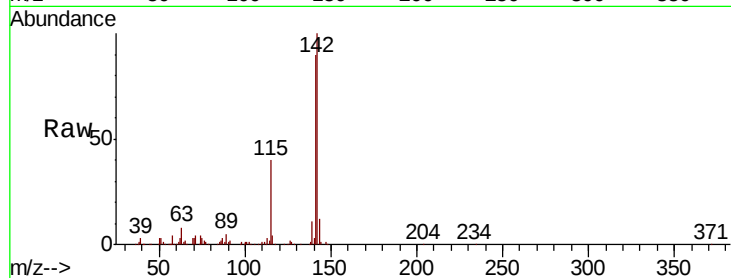




#37
2-Methylnaphthalene
Concen: 47.278 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

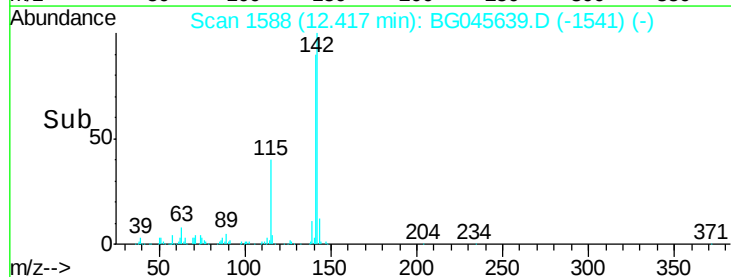
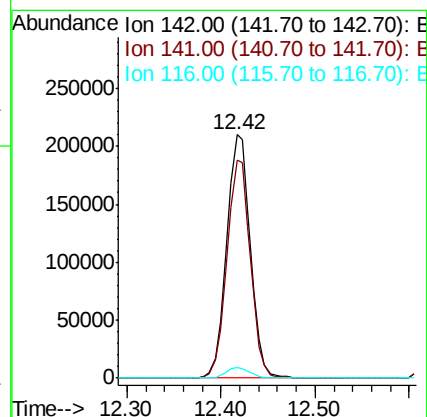
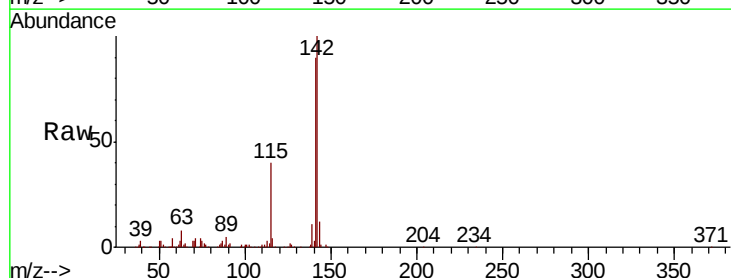
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	40.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 50.050 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.22 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
116	4.2	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: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

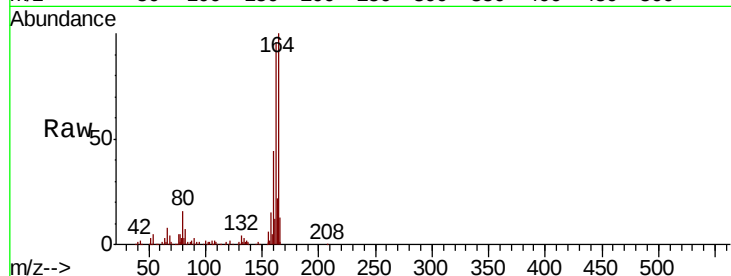
Tot Ion:164 Resp: 176354

Ion Ratio Lower Upper

164 100

162 96.1 76.9 115.3

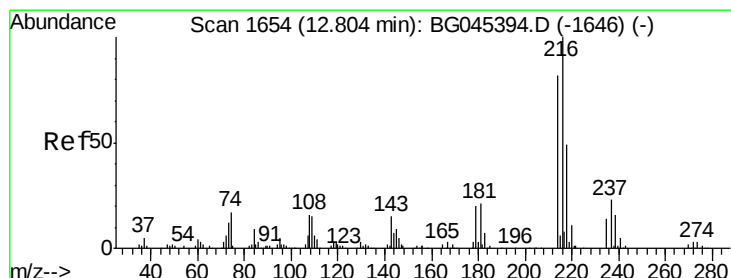
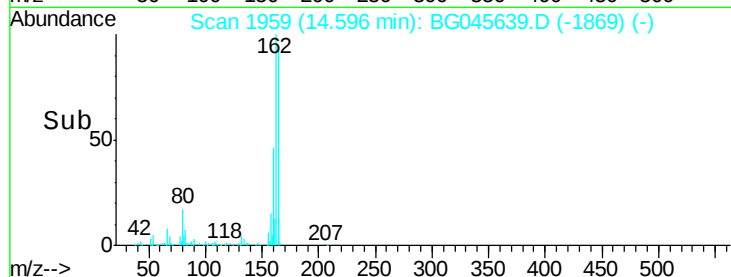
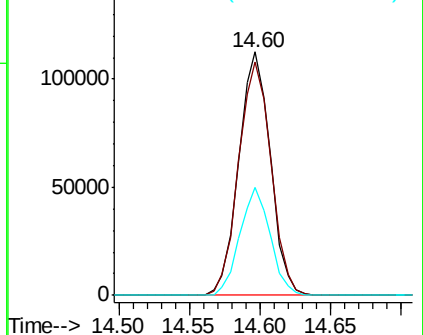
160 44.1 33.8 50.8



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: 42.410 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Tgt Ion:216 Resp: 208904

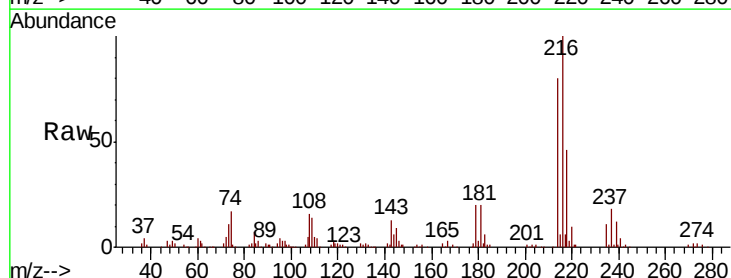
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 20.6 16.1 24.1

108 19.0 13.8 20.6

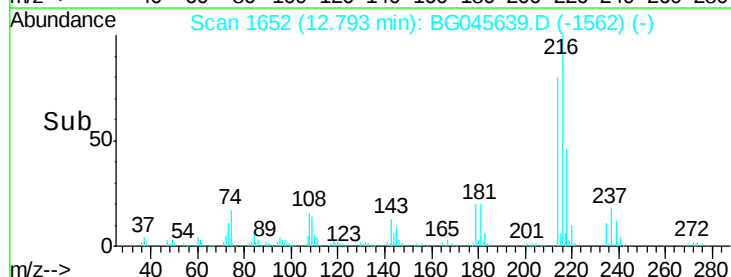
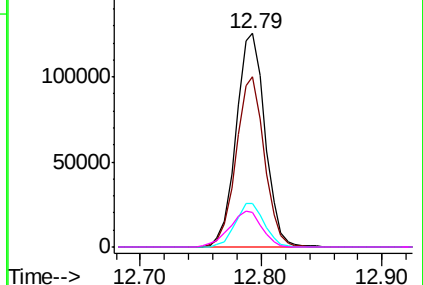


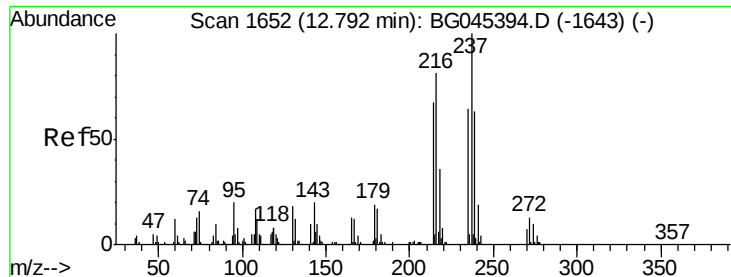
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.016 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

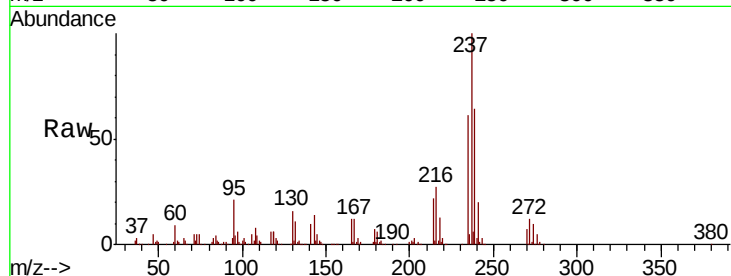
Tot Ion:237 Resp: 250238

Ion Ratio Lower Upper

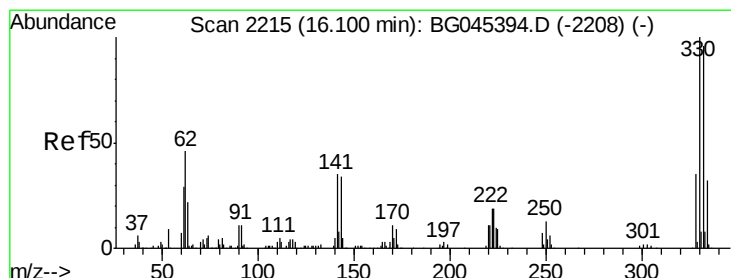
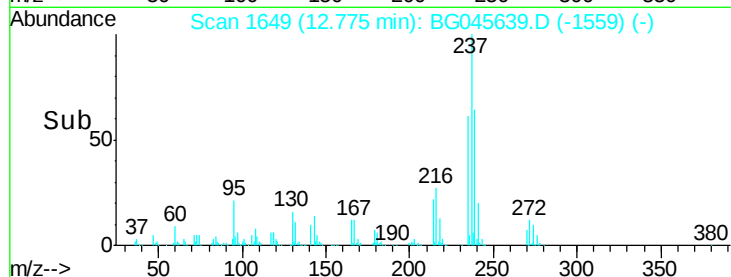
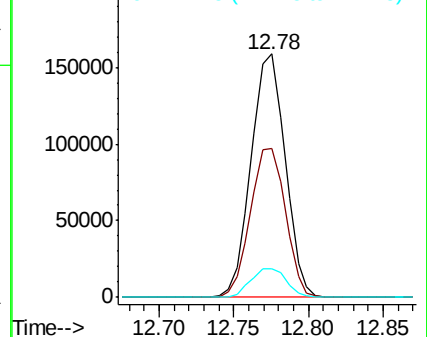
237 100

235 61.0 44.4 84.4

272 12.0 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: 138.204 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

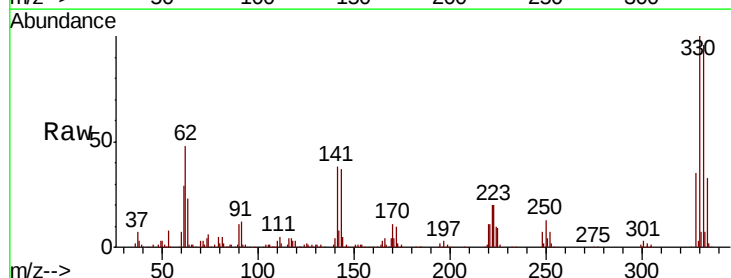
Tgt Ion:330 Resp: 311702

Ion Ratio Lower Upper

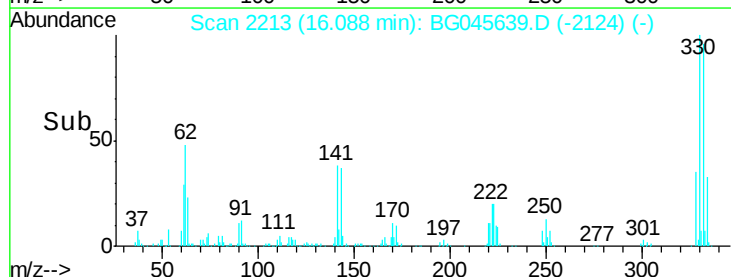
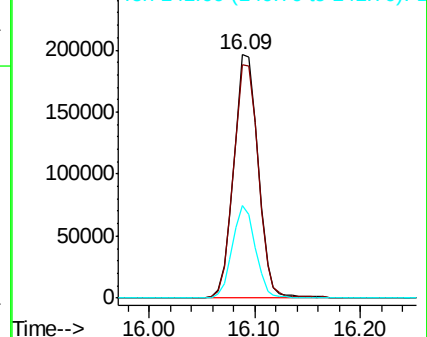
330 100

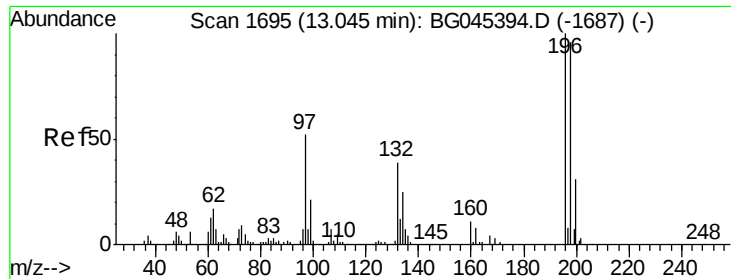
332 97.6 78.2 117.4

141 36.1 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

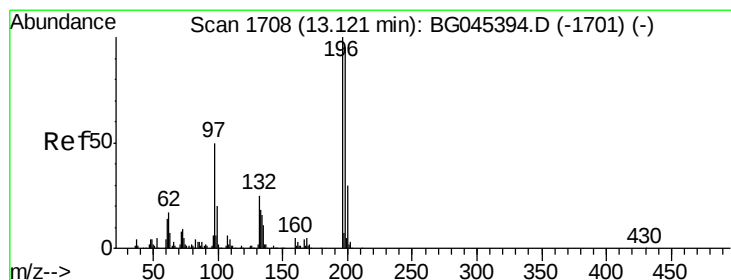
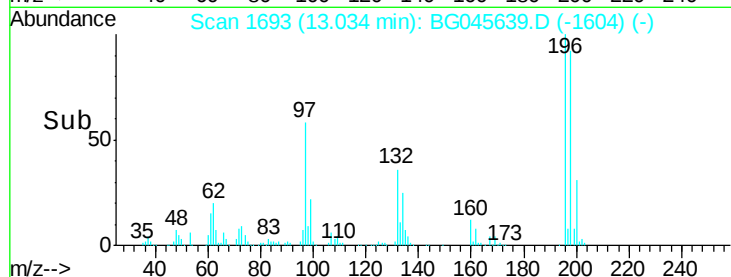
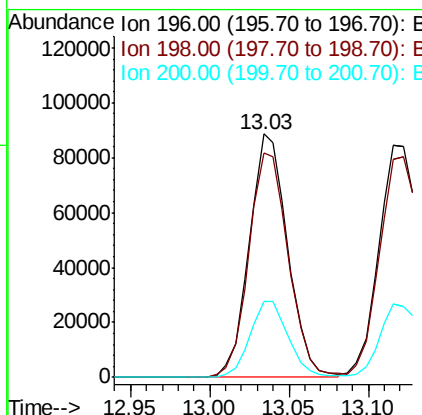
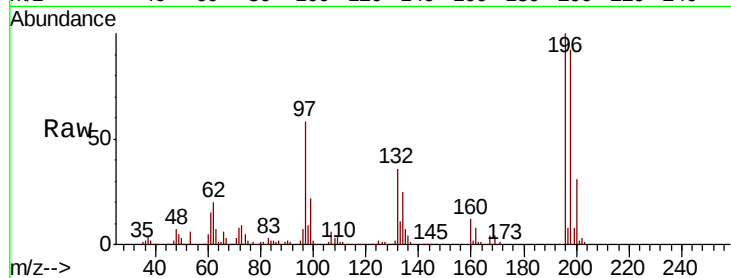




#43
2,4,6-Trichlorophenol
Concen: 43.479 ng
RT: 13.03 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

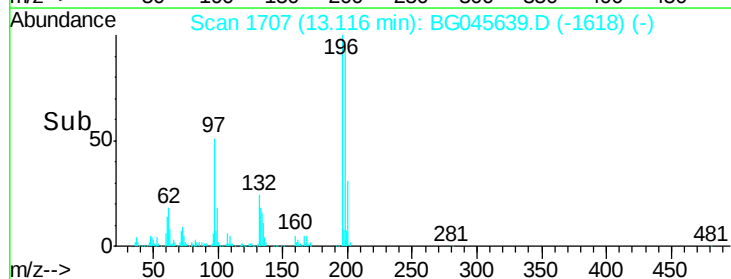
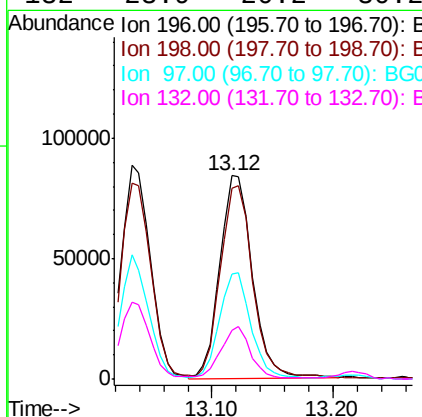
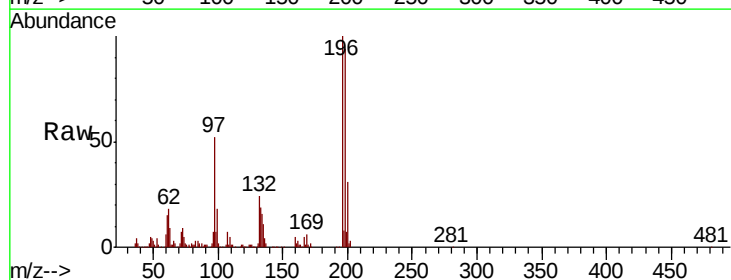
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:196 Resp: 148777
Ion Ratio Lower Upper
196 100
198 91.9 76.7 115.1
200 31.1 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 40.252 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:196 Resp: 157396
Ion Ratio Lower Upper
196 100
198 93.8 76.1 114.1
97 51.6 40.0 60.0
132 23.9 20.2 30.2

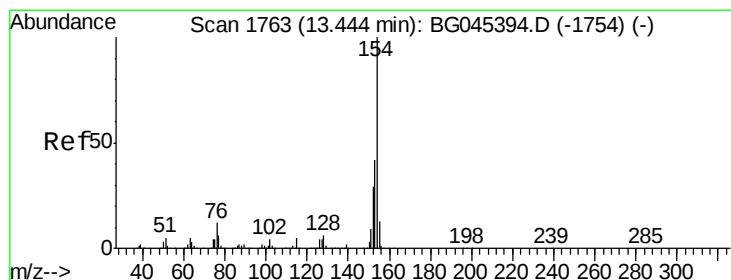
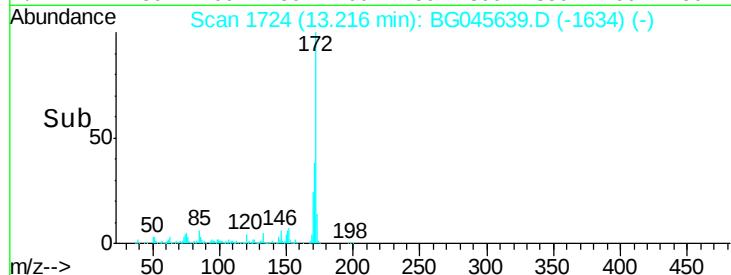
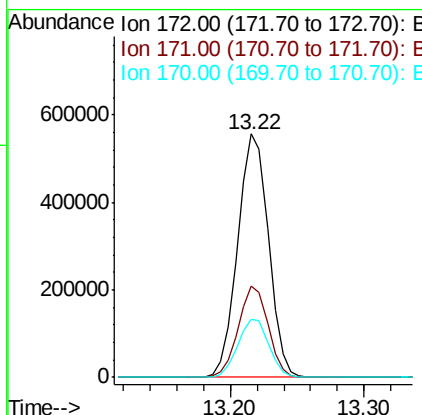
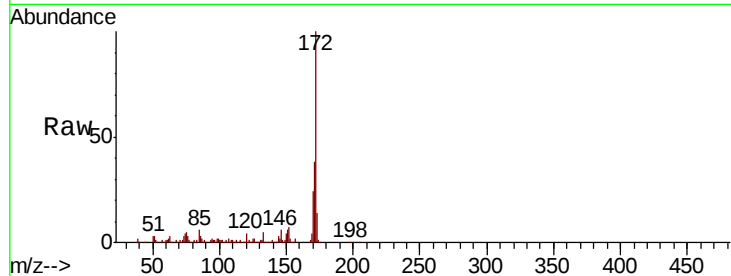




#45
2-Fluorobiphenyl
Concen: 85.375 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

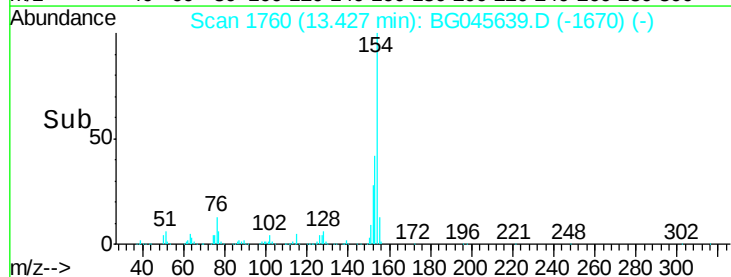
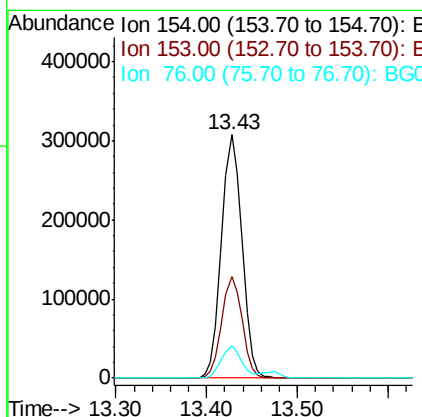
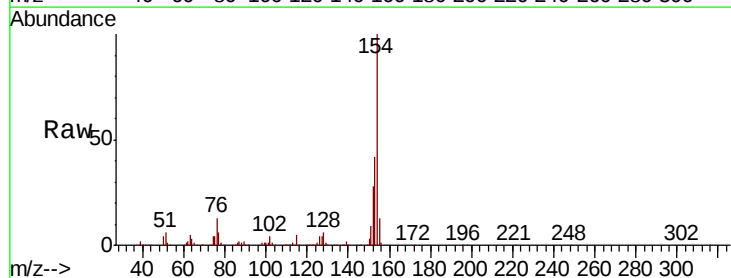
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.5	44.3
170	23.8	18.5	27.7



#46
1,1'-Biphenyl
Concen: 44.676 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.2	62.2
76	13.2	0.0	32.4

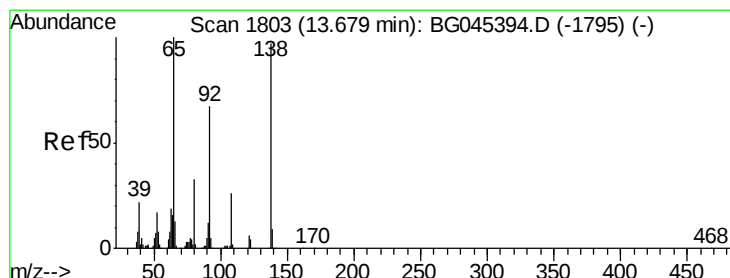
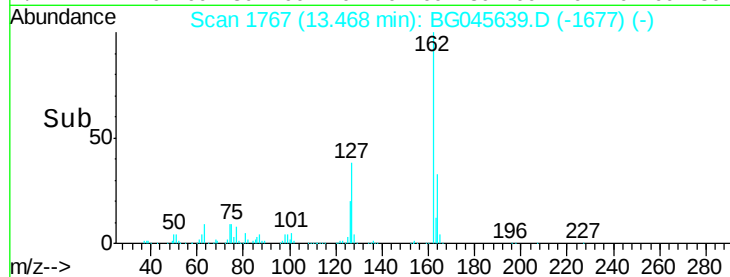
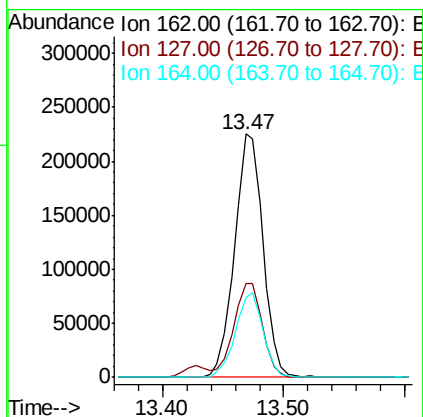
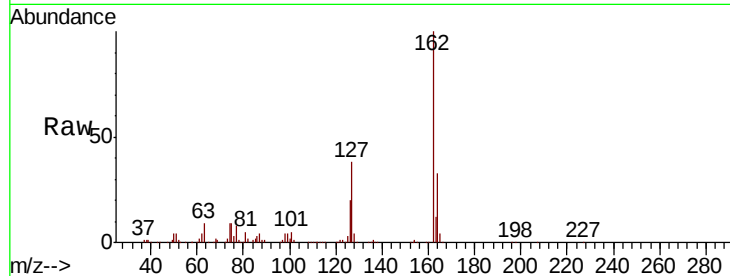




#47
2-Chloronaphthalene
Concen: 41.952 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

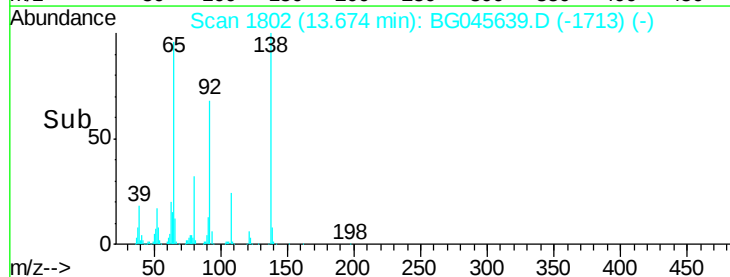
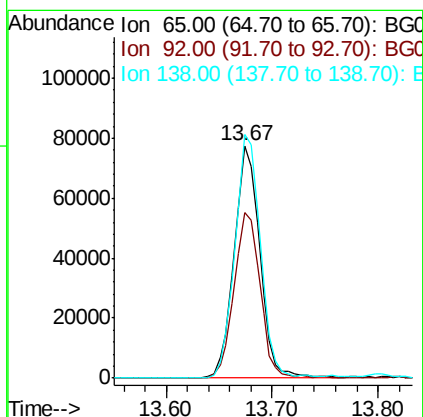
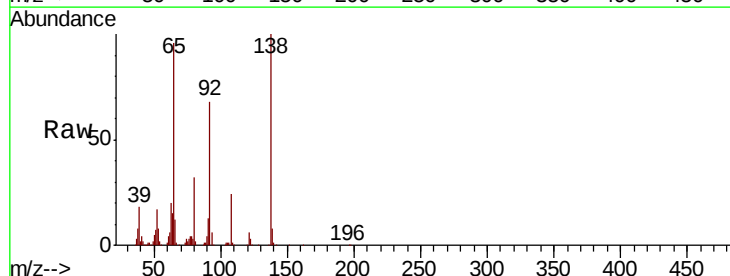
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.6	47.4
164	32.8	28.1	42.1



#48
2-Nitroaniline
Concen: 45.072 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.8	80.8
138	104.6	77.9	116.9





#49

Acenaphthylene

Concen: 44.747 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

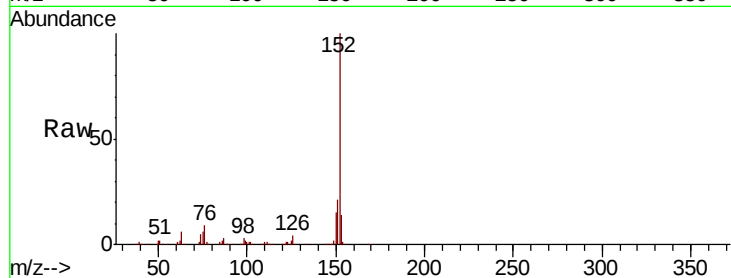
Tot Ion:152 Resp: 632460

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.2

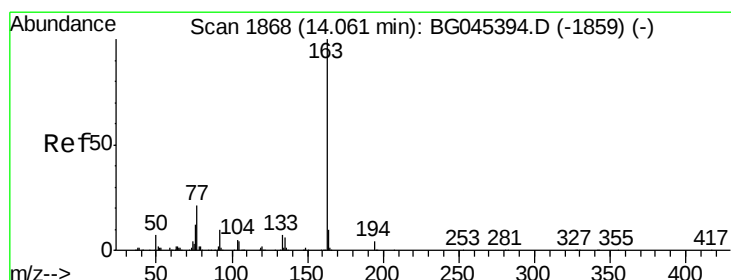
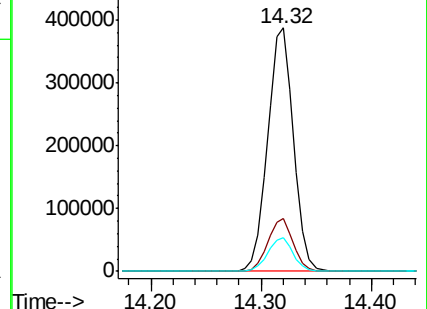
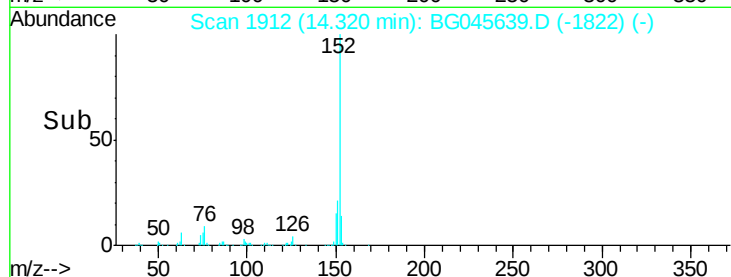
153 13.9 10.7 16.1



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: 45.580 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

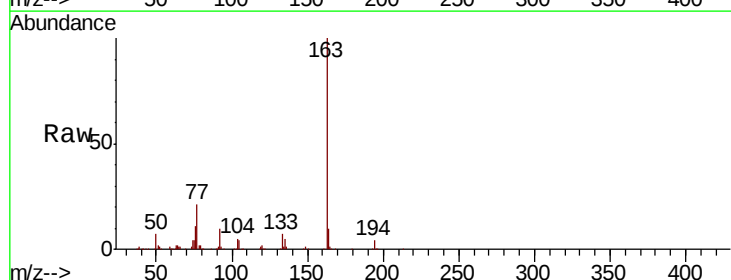
Tgt Ion:163 Resp: 551420

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

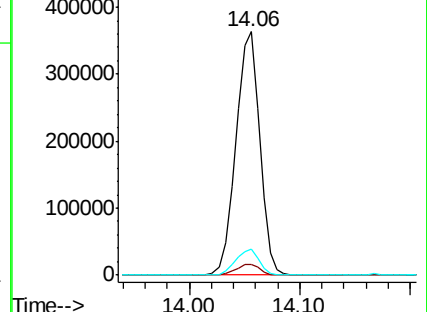
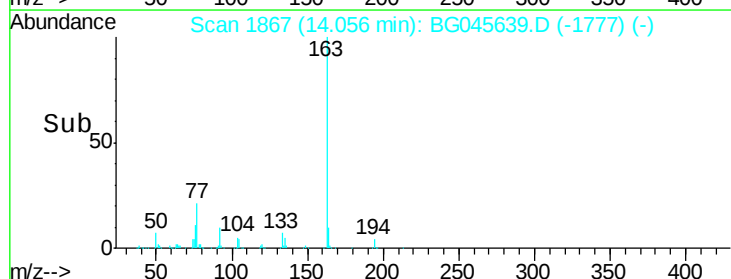
164 10.4 8.3 12.5

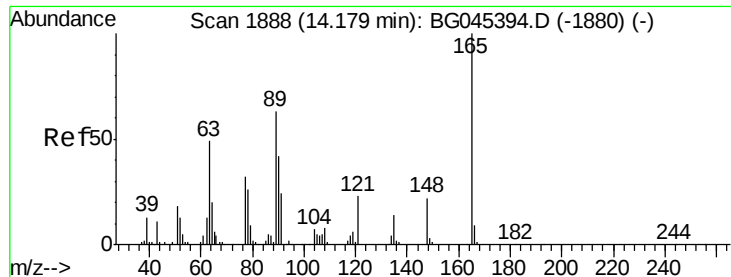


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

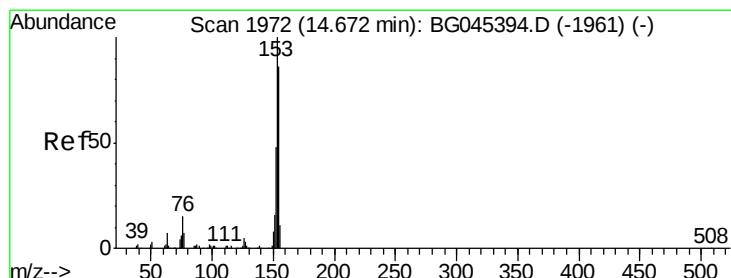
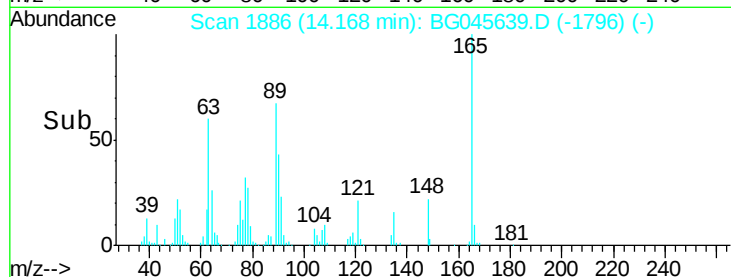
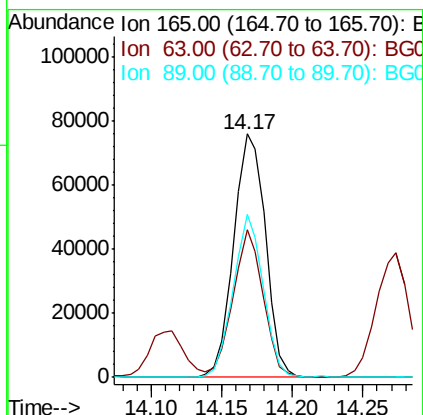
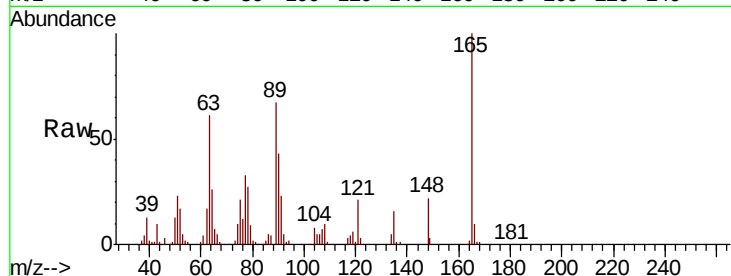




#51
 2,6-Dinitrotoluene
 Concen: 43.786 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

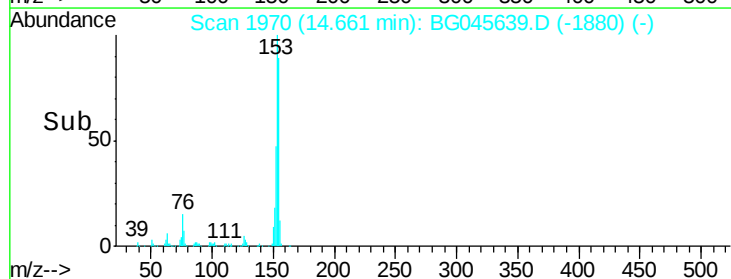
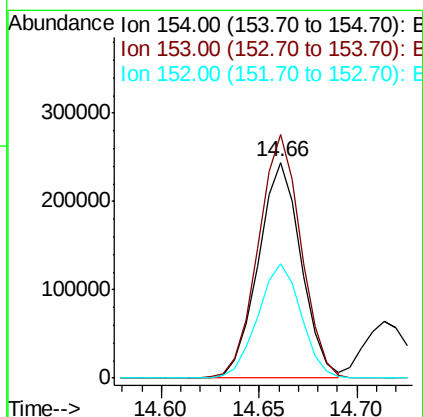
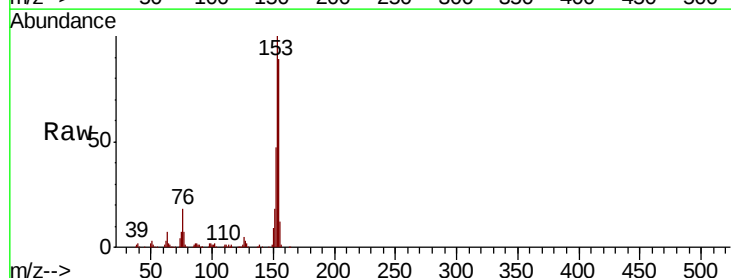
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

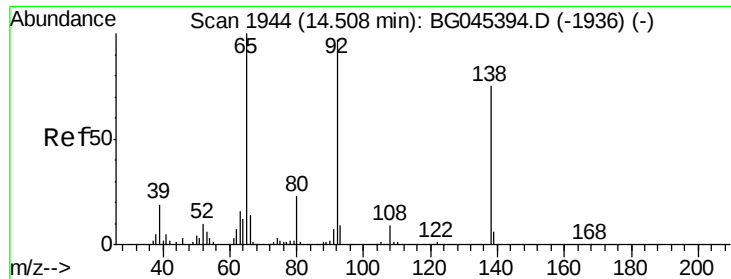
Tot Ion:165 Resp: 119530
 Ion Ratio Lower Upper
 165 100
 63 60.5 45.0 67.4
 89 66.8 50.2 75.4



#52
 Acenaphthene
 Concen: 39.367 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

Tgt Ion:154 Resp: 372453
 Ion Ratio Lower Upper
 154 100
 153 112.8 92.8 139.2
 152 52.8 44.6 66.8

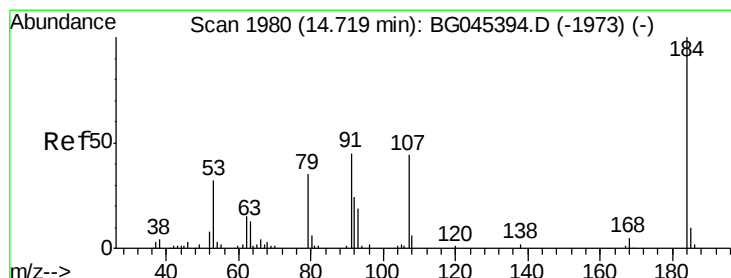
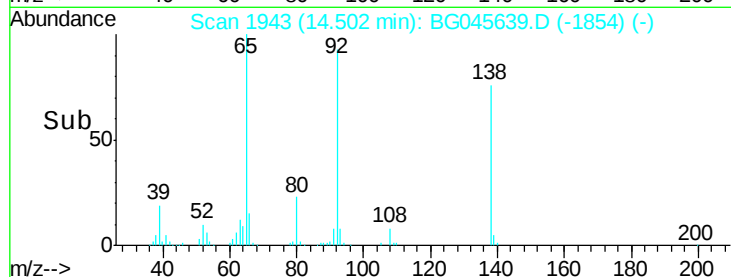
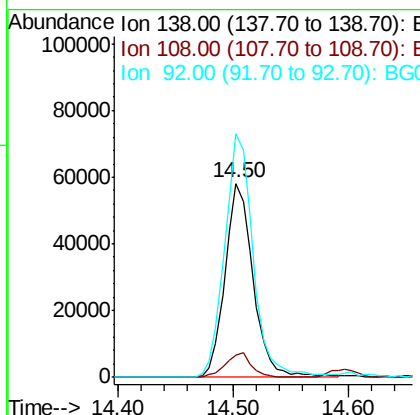
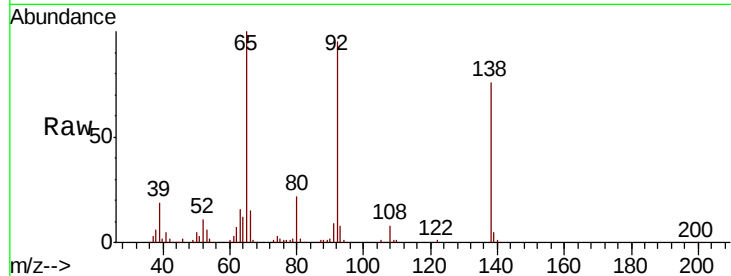




#53
3-Nitroaniline
Concen: 35.413 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

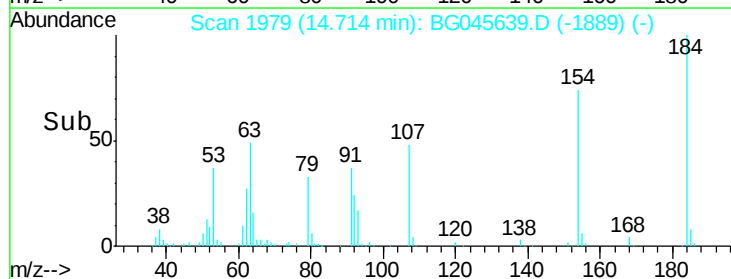
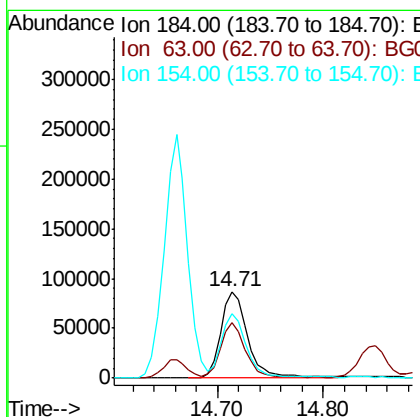
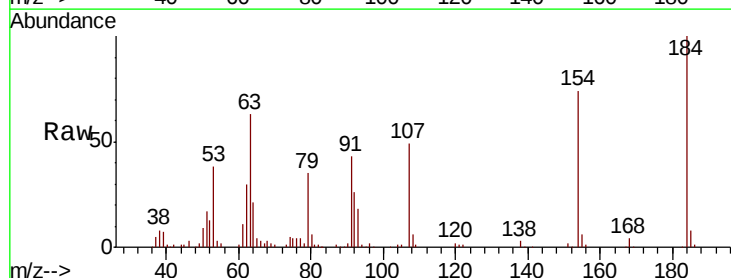
Instrument :
BNA_G
ClientSampleId :
PB129333BS

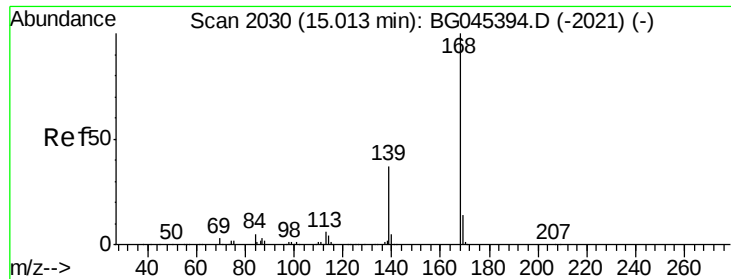
Tot Ion:138 Resp: 98271
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 125.4 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 86.273 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:184 Resp: 155099
Ion Ratio Lower Upper
184 100
63 63.3 47.8 71.6
154 74.0 58.3 87.5





#55

Dibenzofuran

Concen: 44.144 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

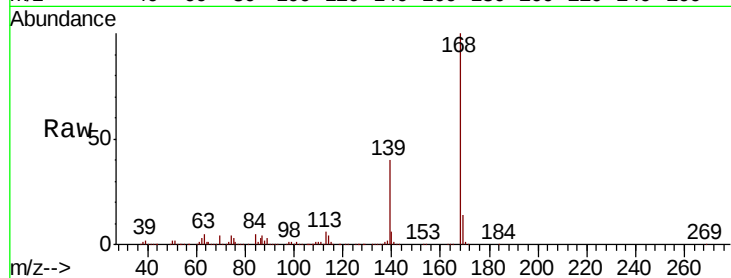
Tot Ion:168 Resp: 620213

Ion Ratio Lower Upper

168 100

139 40.0 29.9 44.9

169 14.3 10.9 16.3

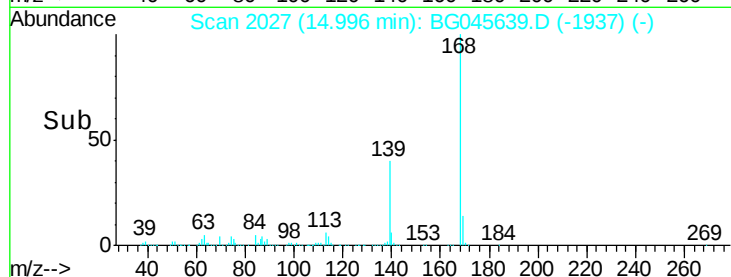


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



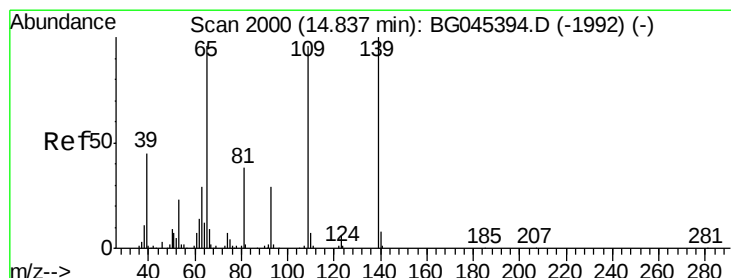
Abundance

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-->



#56

4-Nitrophenol

Concen: 87.706 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

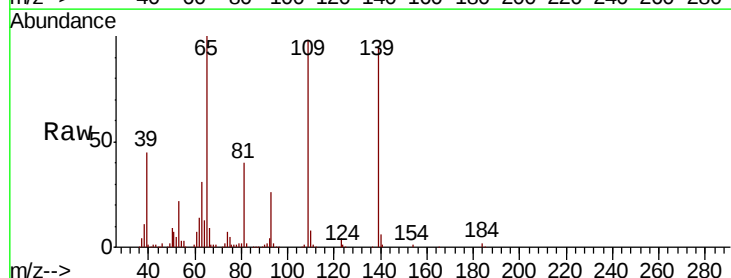
Tgt Ion:139 Resp: 184267

Ion Ratio Lower Upper

139 100

109 102.8 75.6 115.6

65 105.1 76.8 116.8

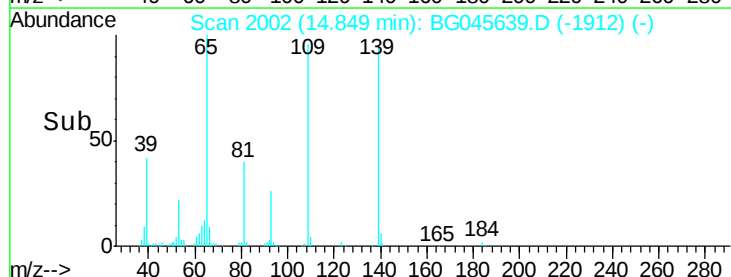


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



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): E

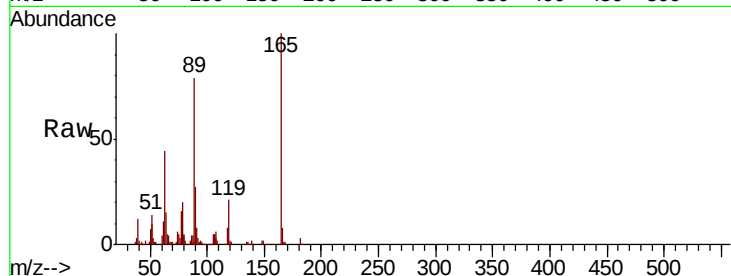
Time-->



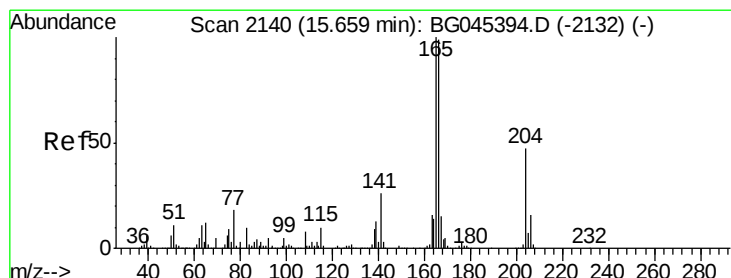
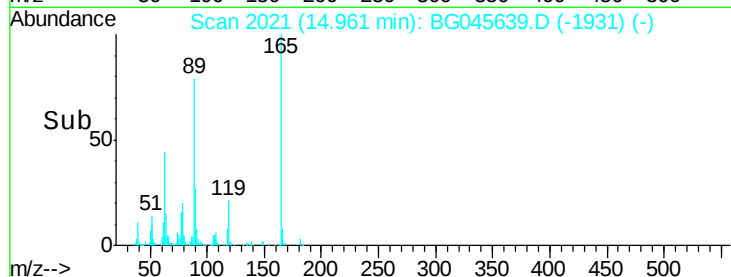
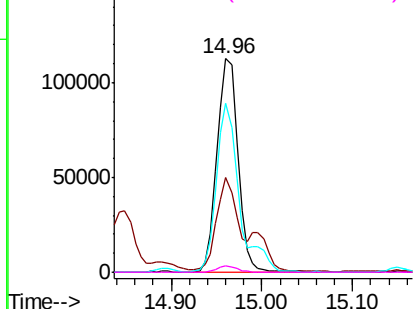
#57
2,4-Dinitrotoluene
Concen: 45.870 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:165 Resp: 181351
Ion Ratio Lower Upper
165 100
63 44.3 32.5 48.7
89 79.3 61.8 92.6
182 2.9 2.3 3.5

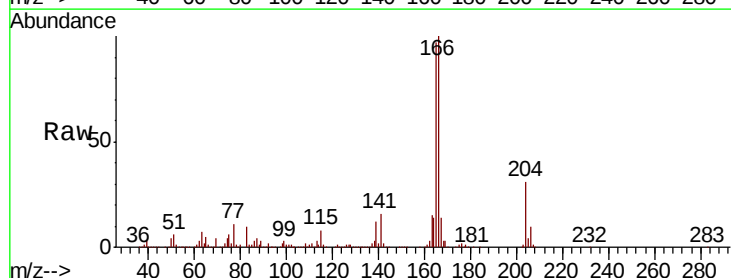


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

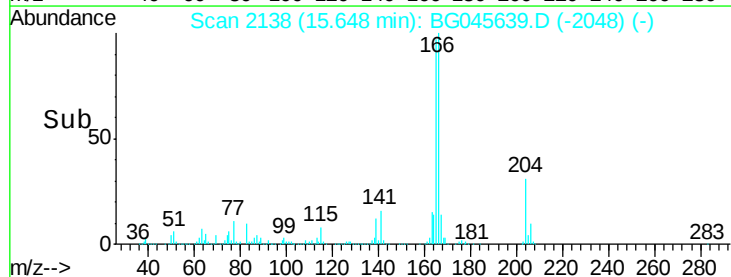
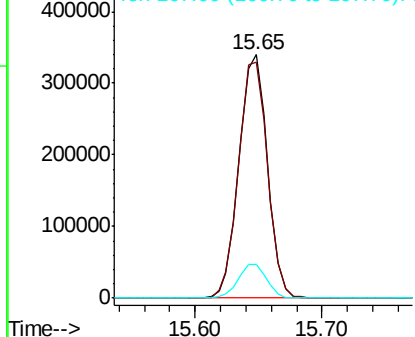


#58
Fluorene
Concen: 45.767 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:166 Resp: 528267
Ion Ratio Lower Upper
166 100
165 97.0 80.8 121.2
167 13.8 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

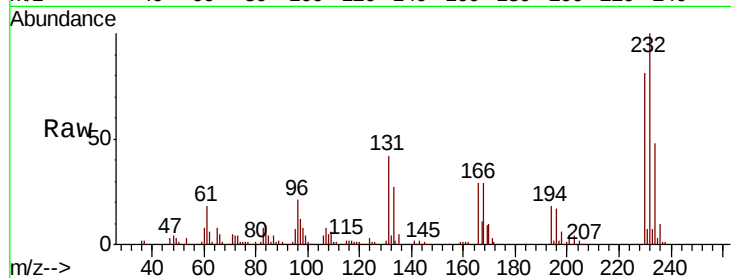




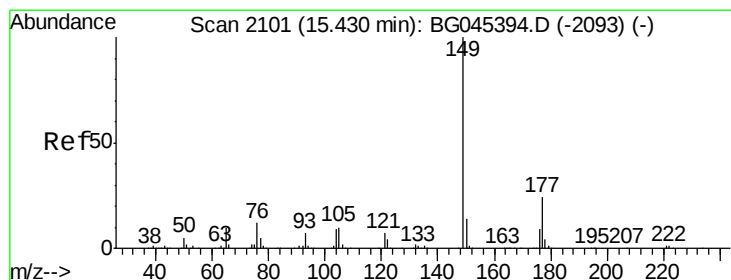
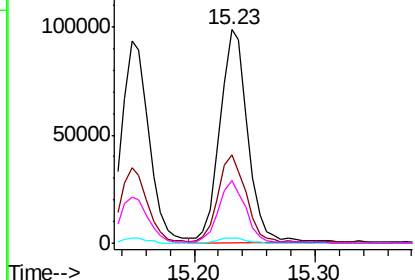
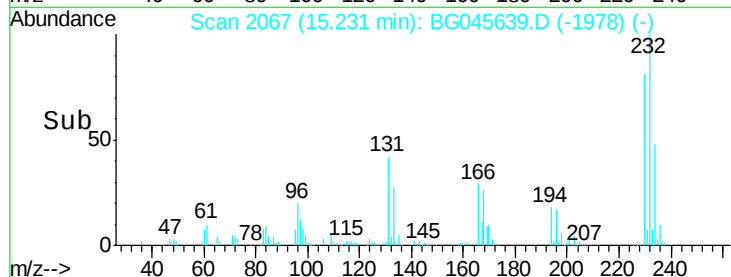
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.555 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tot Ion:232 Resp: 156715
 Ion Ratio Lower Upper
 232 100
 131 41.7 33.7 50.5
 130 2.5 2.1 3.1
 166 28.1 23.2 34.8

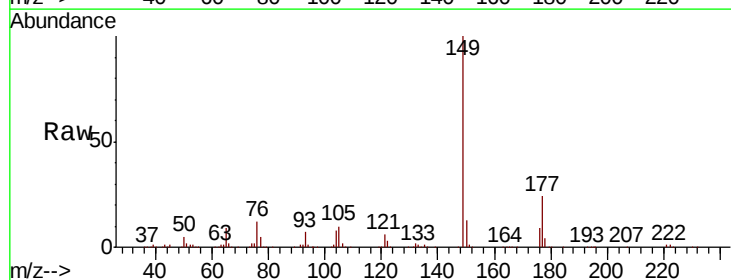


Abundance Ion 232.00 (231.70 to 232.70): E
 150000 Ion 131.00 (130.70 to 131.70): E
 100000 Ion 130.00 (129.70 to 130.70): E
 50000 Ion 166.00 (165.70 to 166.70): E

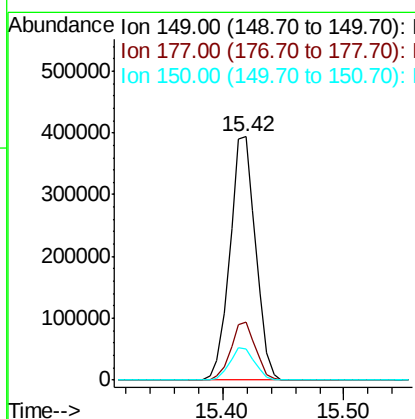
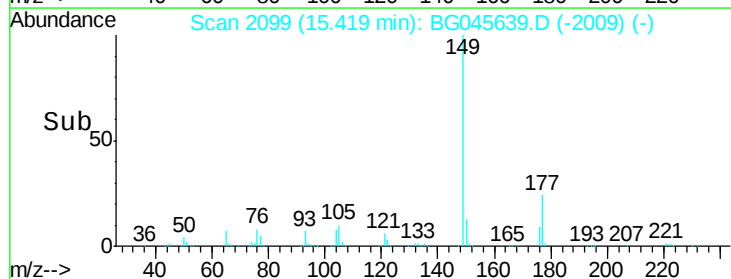


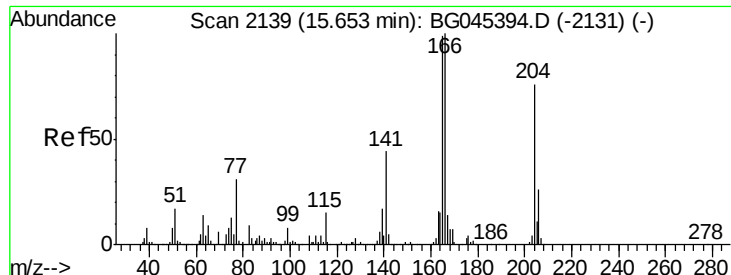
#60
 Diethylphthalate
 Concen: 46.024 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045639.D
 Acq: 8 Jun 2020 12:13

Tgt Ion:149 Resp: 579517
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.0 28.4
 150 12.6 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 177.00 (176.70 to 177.70): E
 400000 Ion 150.00 (149.70 to 150.70): E

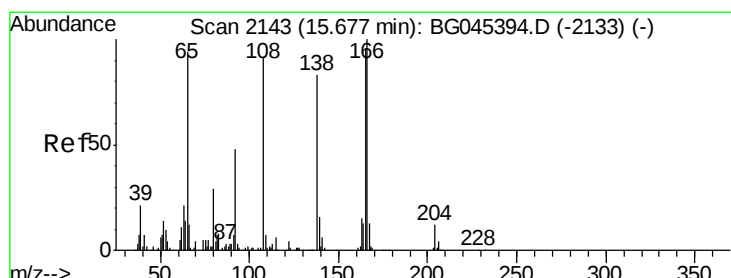
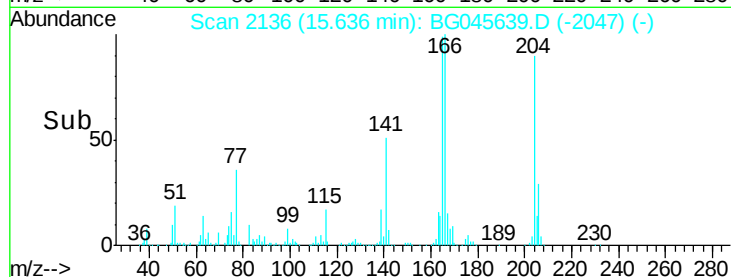
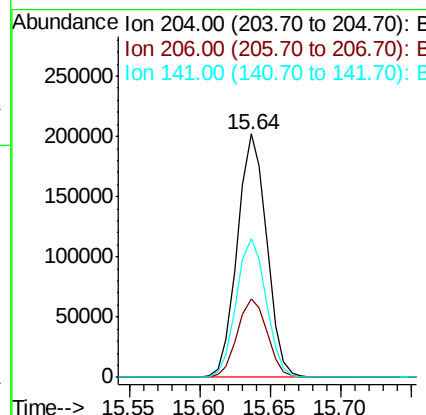
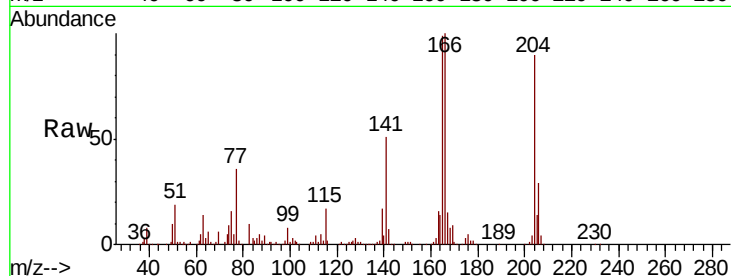




#61
4-Chlorophenyl-phenylether
Concen: 44.481 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

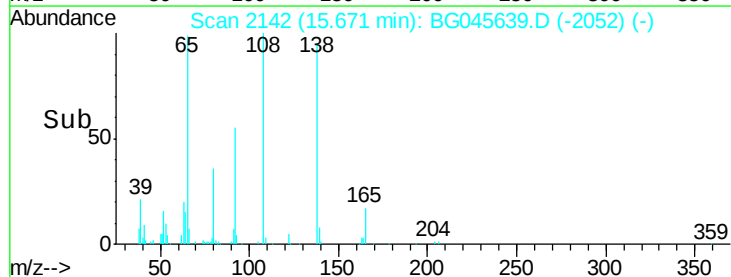
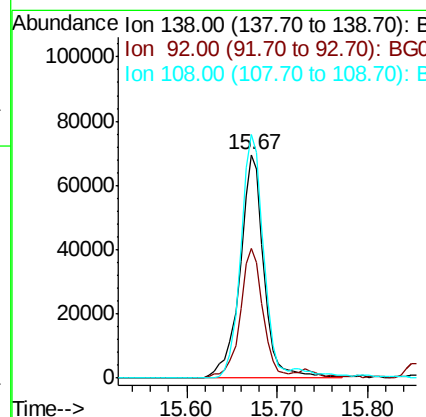
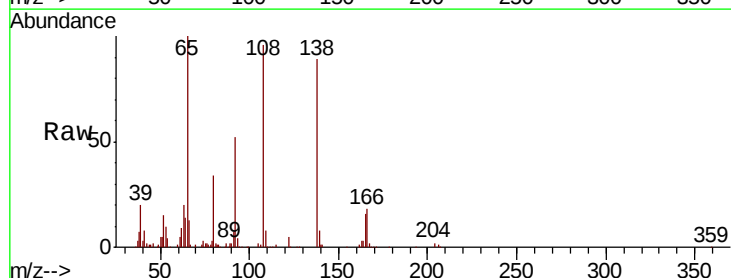
Instrument :
BNA_G
ClientSampleId :
PB129333BS

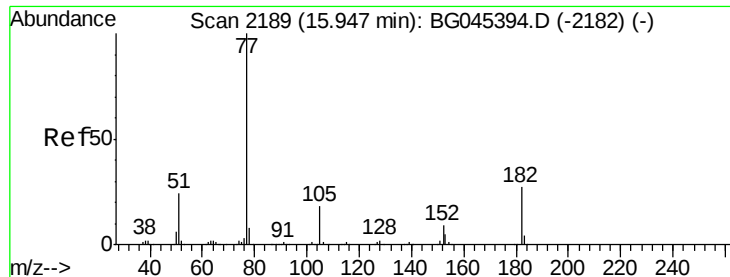
Tot Ion:204 Resp: 293802
Ion Ratio Lower Upper
204 100
206 32.1 27.3 40.9
141 56.8 45.9 68.9



#62
4-Nitroaniline
Concen: 44.292 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:138 Resp: 128315
Ion Ratio Lower Upper
138 100
92 58.2 38.0 78.0
108 108.8 89.3 129.3





#63

Azobenzene

Concen: 46.793 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

Tot Ion: 77 Resp: 549402

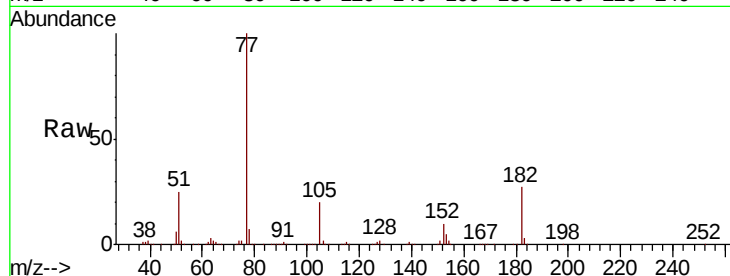
Ion Ratio Lower Upper

77 100

182 27.1 6.5 46.5

105 20.1 0.0 37.9

51 25.4 4.1 44.1

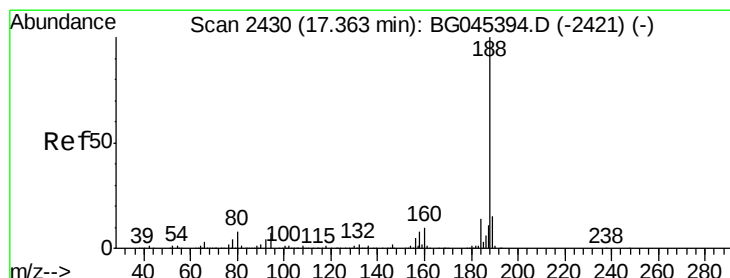
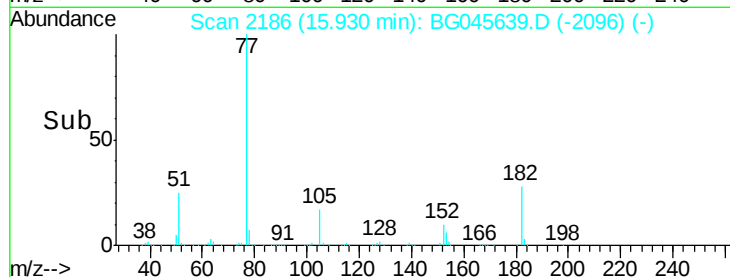
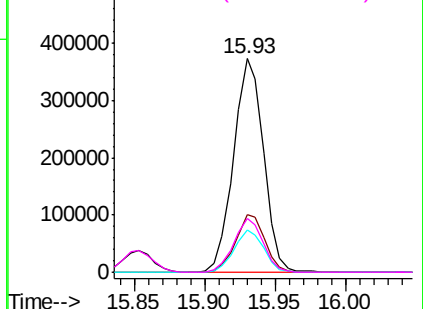


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045639.D

Acq: 8 Jun 2020 12:13

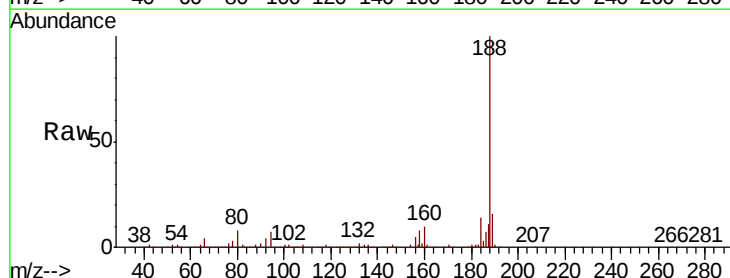
Tgt Ion: 188 Resp: 452738

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

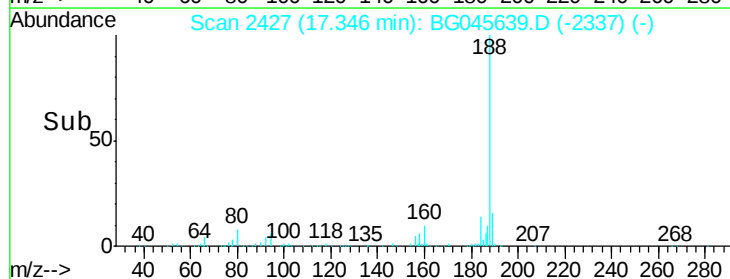
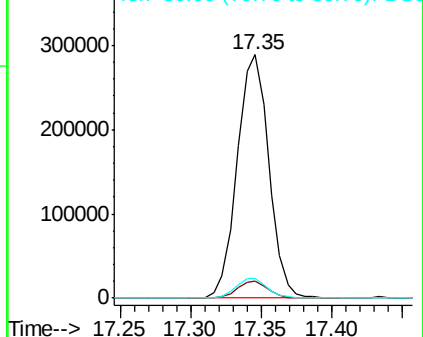
80 8.1 6.6 10.0

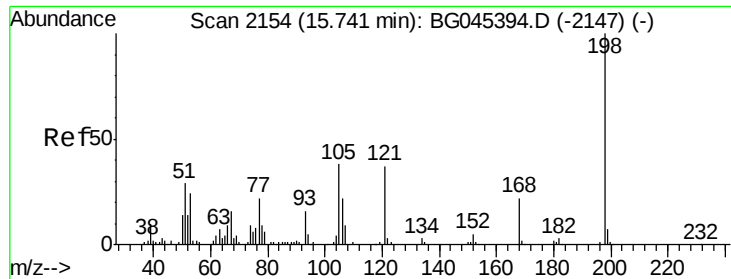


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

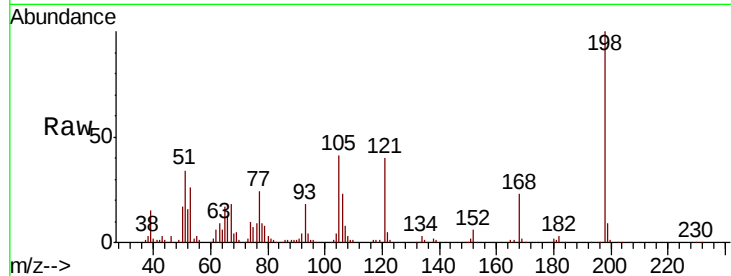




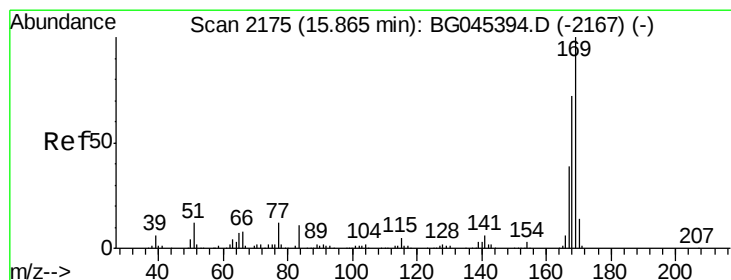
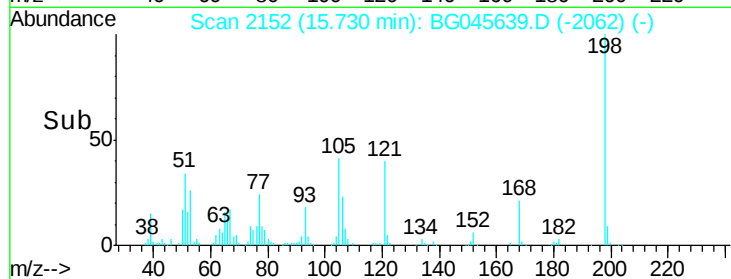
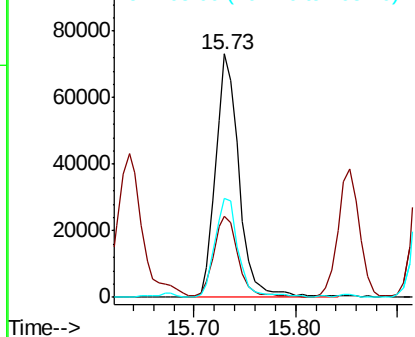
#65
4,6-Dinitro-2-methylphenol
Concen: 44.453 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:198 Resp: 117212
Ion Ratio Lower Upper
198 100
51 33.5 10.0 50.0
105 40.6 18.9 58.9

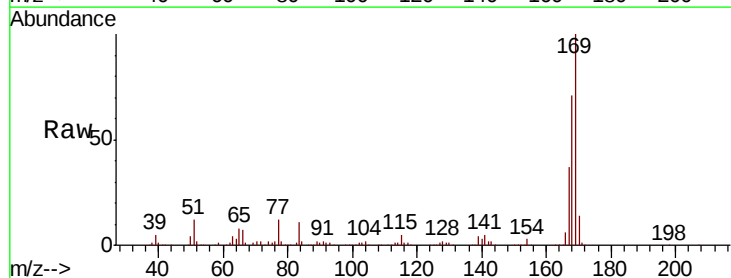


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

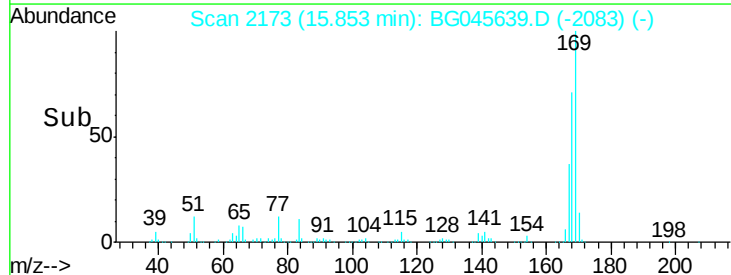
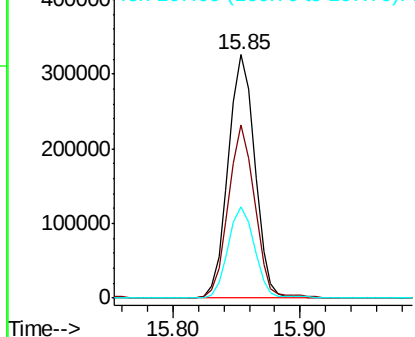


#66
n-Nitrosodiphenylamine
Concen: 43.634 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:169 Resp: 474306
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 37.4 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

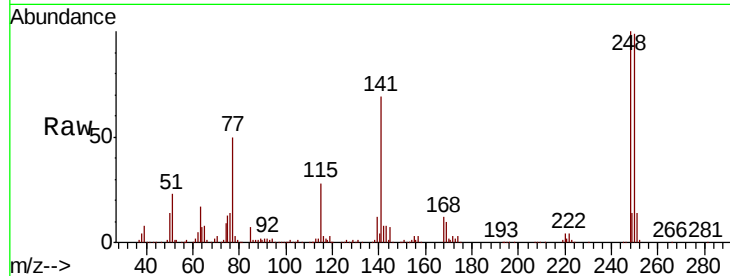




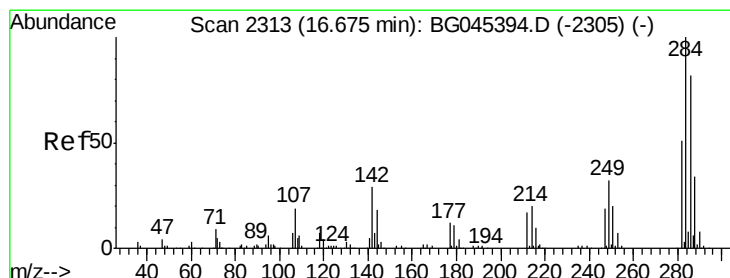
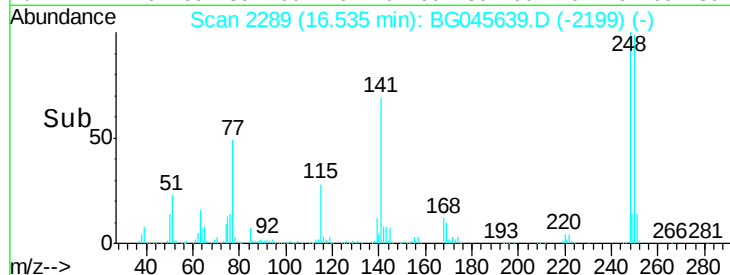
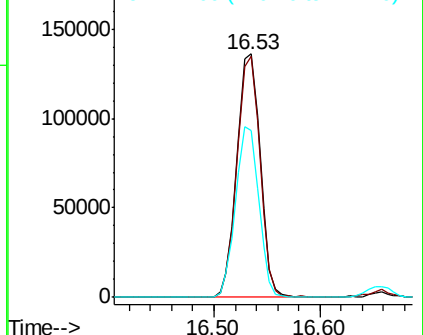
#67
4-Bromophenyl-phenylether
Concen: 42.410 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:248 Resp: 207909
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 68.5 58.2 87.2

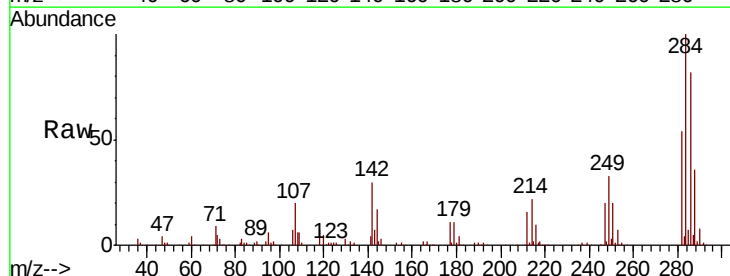


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

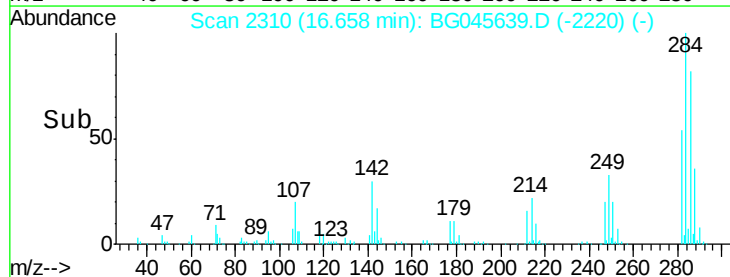
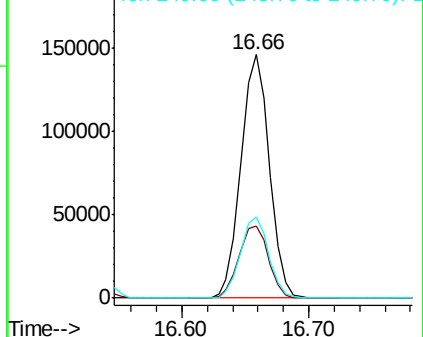


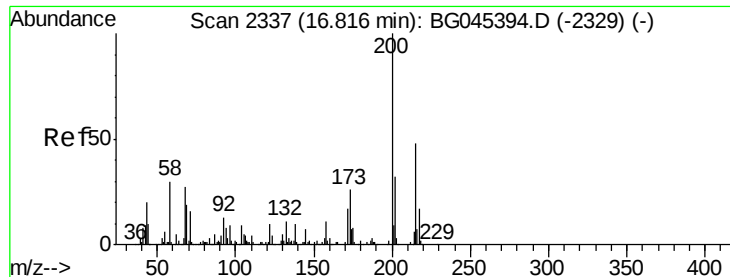
#68
Hexachlorobenzene
Concen: 44.183 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:284 Resp: 226550
Ion Ratio Lower Upper
284 100
142 29.5 23.0 34.6
249 33.1 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: 42.205 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

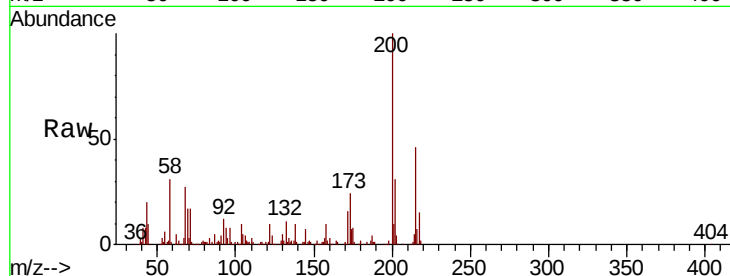
Tot Ion:200 Resp: 188967

Ion Ratio Lower Upper

200 100

173 24.2 5.5 45.5

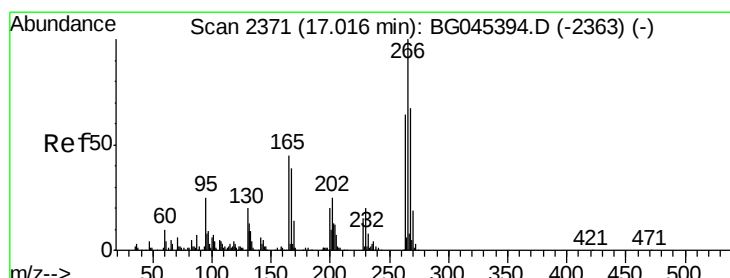
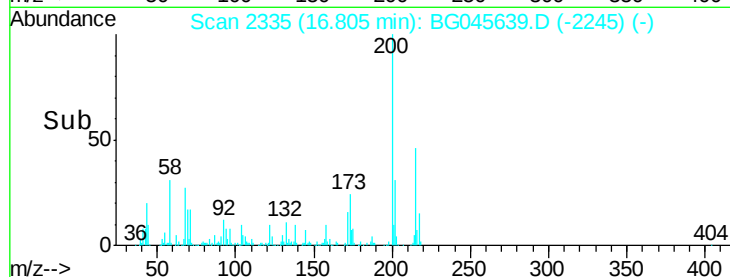
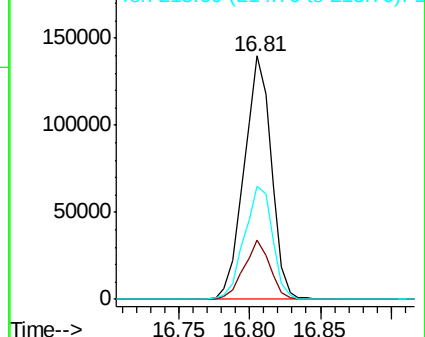
215 46.4 28.2 68.2



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: 88.220 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

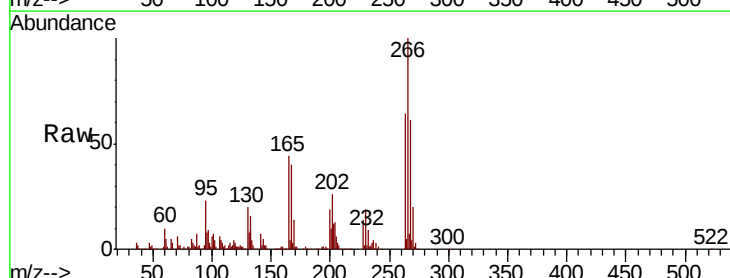
Tgt Ion:266 Resp: 234877

Ion Ratio Lower Upper

266 100

268 61.5 53.2 79.8

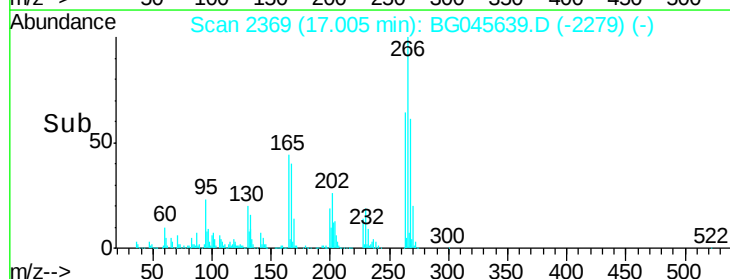
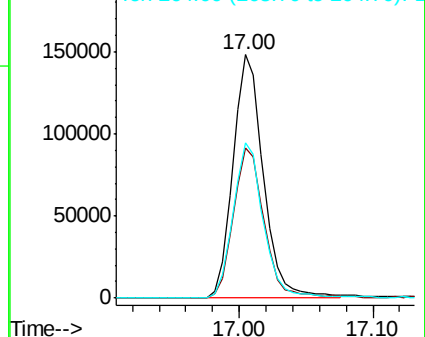
264 63.9 51.0 76.4

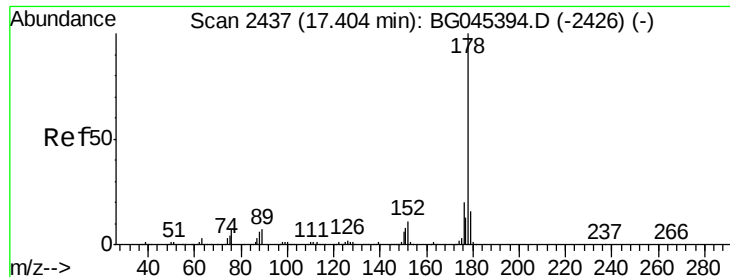


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

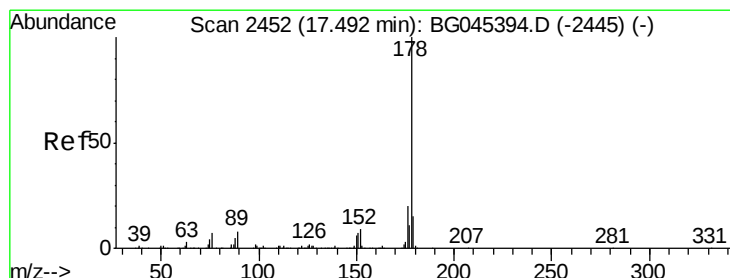
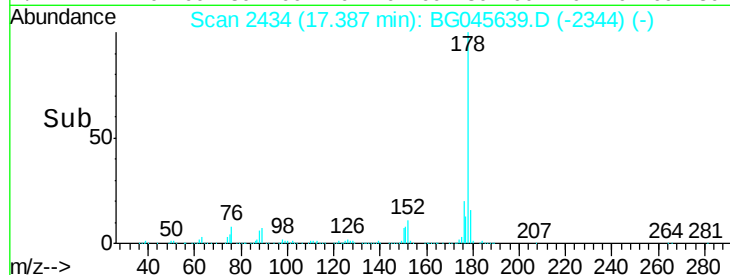
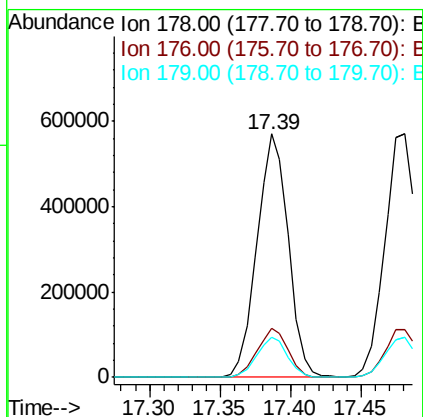
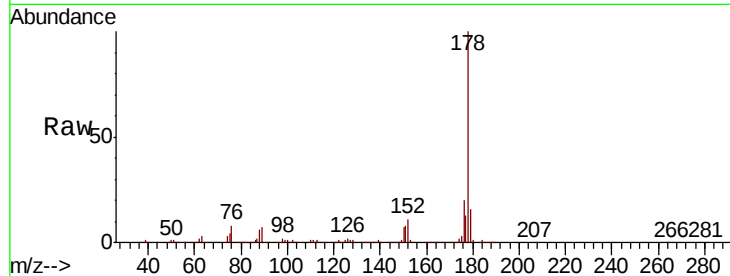




#71
Phenanthrene
Concen: 44.950 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

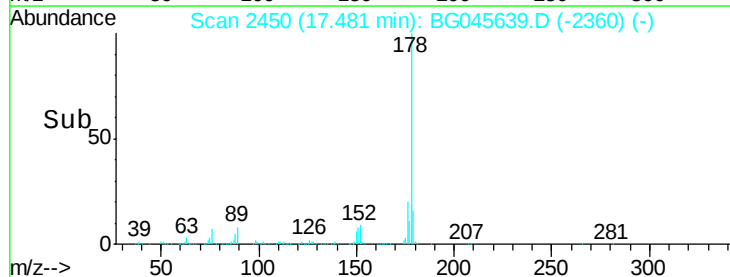
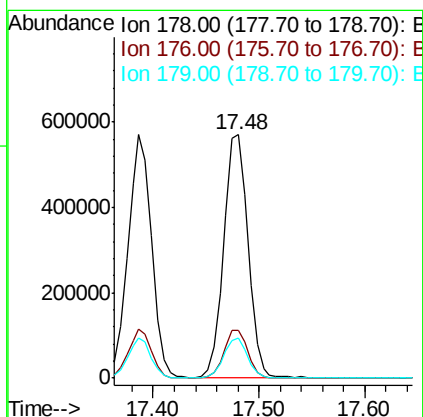
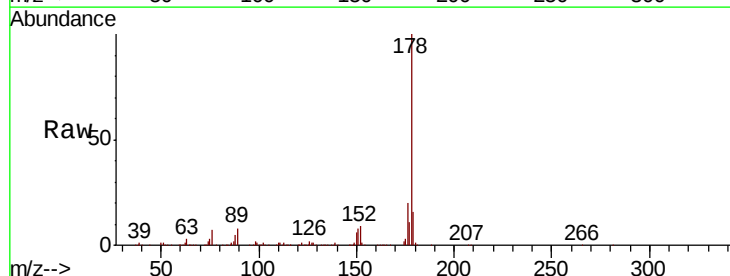
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:178 Resp: 888420
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.2 13.1 19.7



#72
Anthracene
Concen: 45.736 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:178 Resp: 907772
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 43.645 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

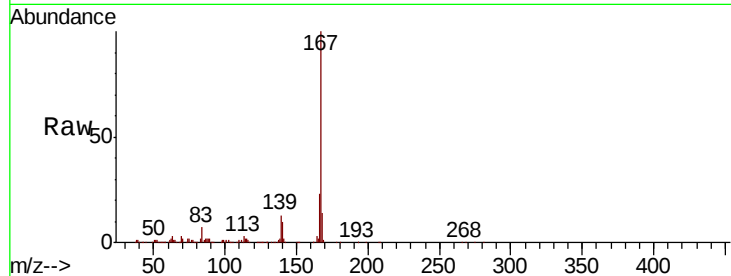
Tot Ion:167 Resp: 844409

Ion Ratio Lower Upper

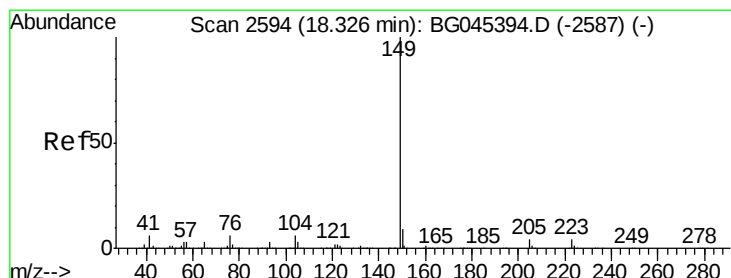
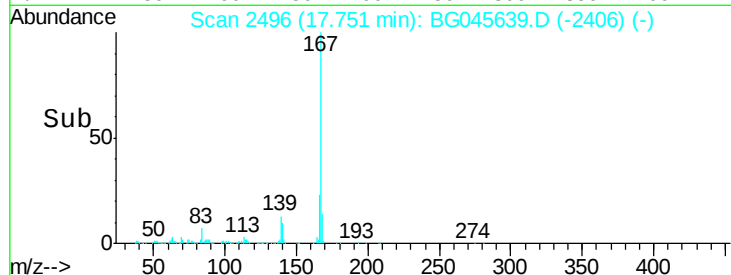
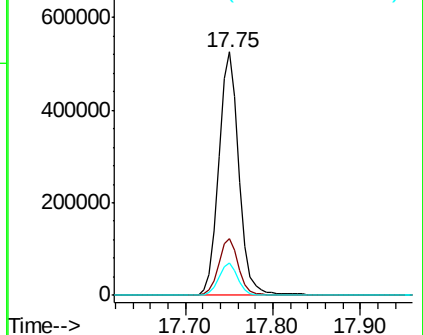
167 100

166 23.2 19.2 28.8

139 13.3 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 43.418 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

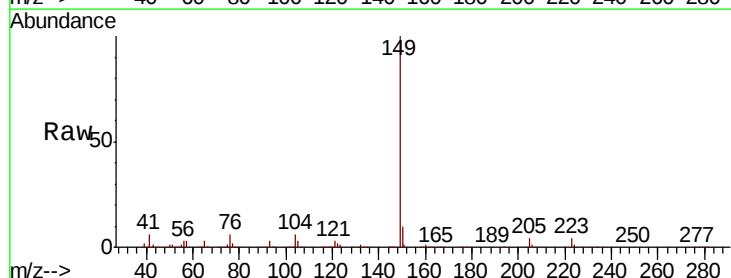
Tgt Ion:149 Resp: 1008239

Ion Ratio Lower Upper

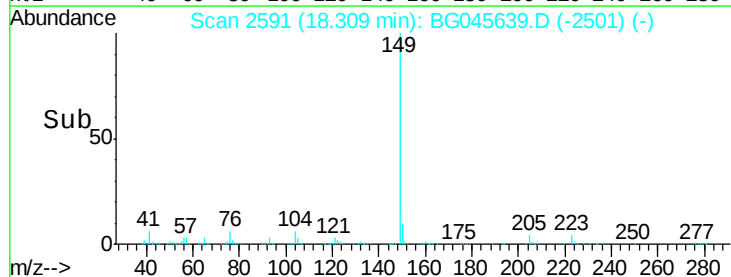
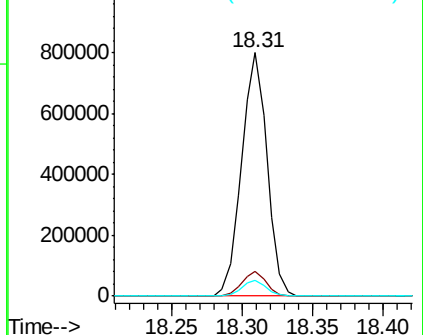
149 100

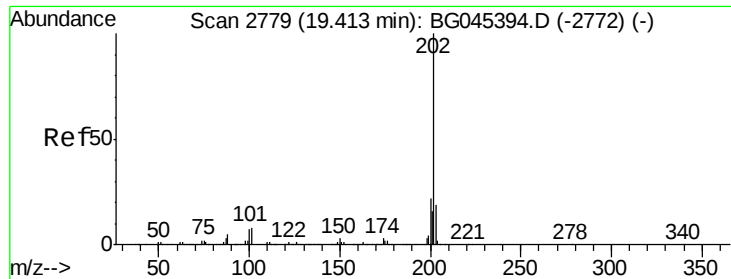
150 10.0 7.6 11.4

104 6.5 5.0 7.4



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





#75

Fluoranthene

Concen: 44.351 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

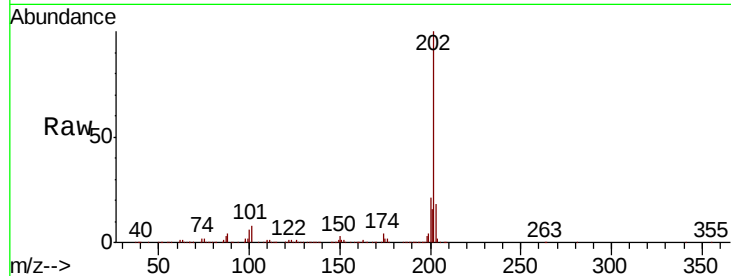
Tot Ion:202 Resp: 1114958

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

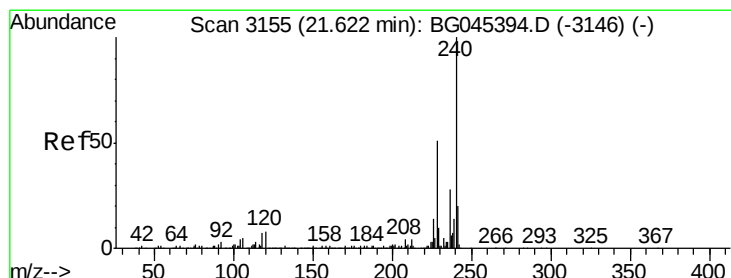
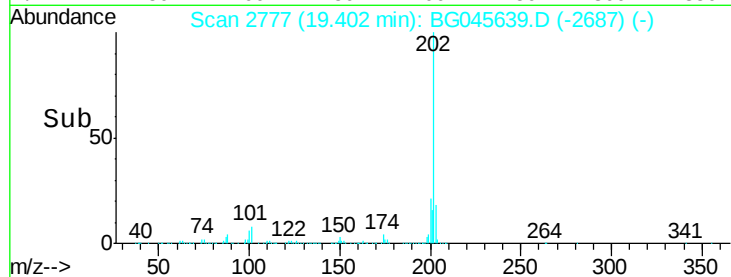
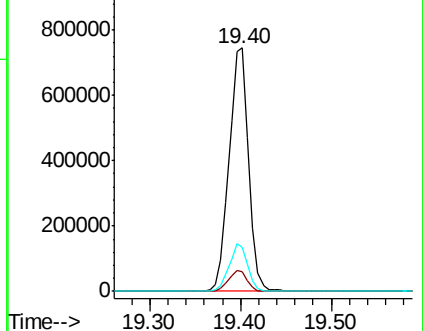
203 18.3 0.0 39.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

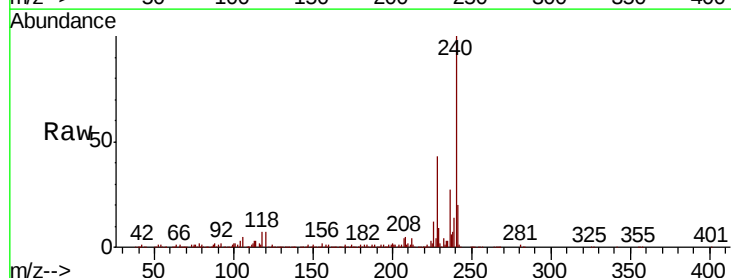
Tgt Ion:240 Resp: 415929

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

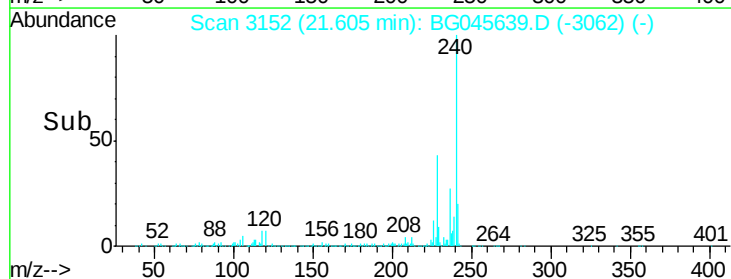
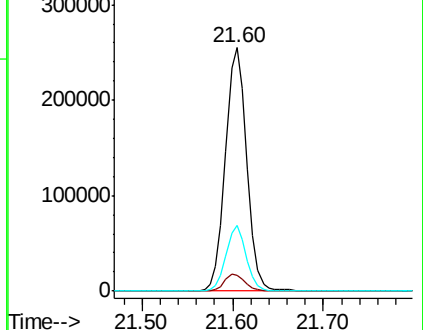
236 27.2 22.3 33.5

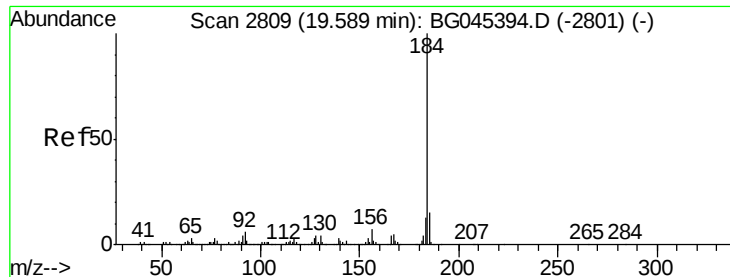


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.907 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

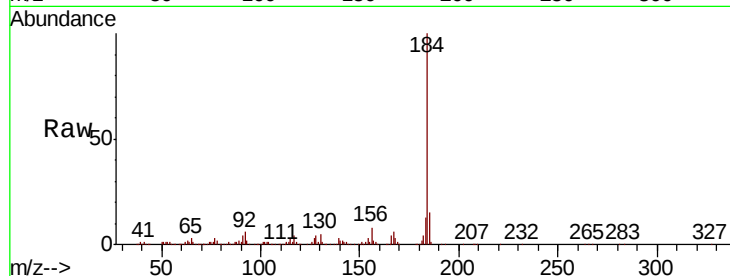
BNA_G

ClientSampleId :

PB129333BS

Tot Ion:184 Resp: 606356

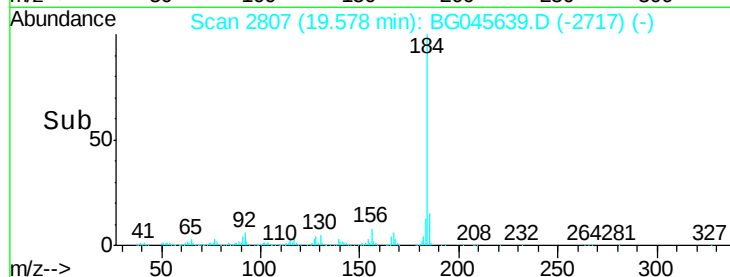
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	12.8	10.2	15.4



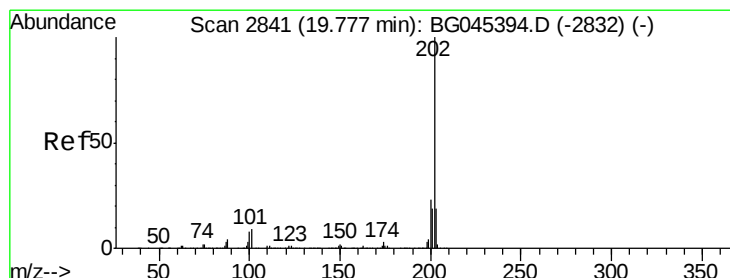
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 46.429 ng

RT: 19.76 min Scan# 2838

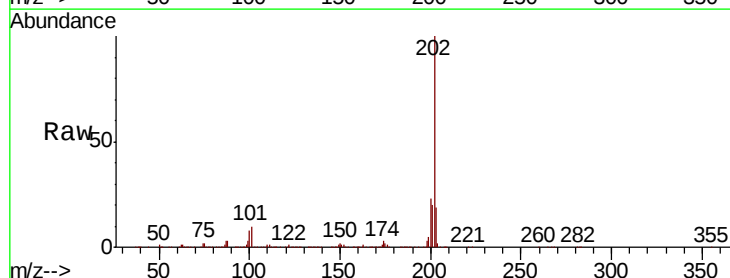
Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Tgt Ion:202 Resp: 1100819

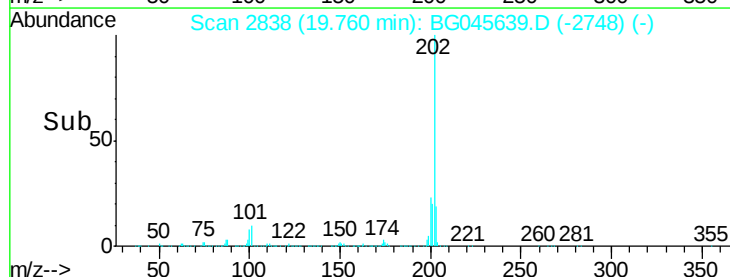
Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	19.1	15.1	22.7



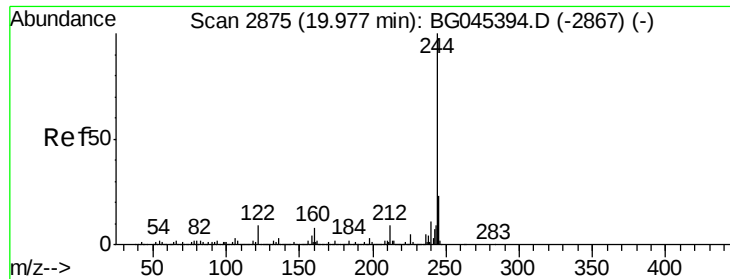
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 91.573 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

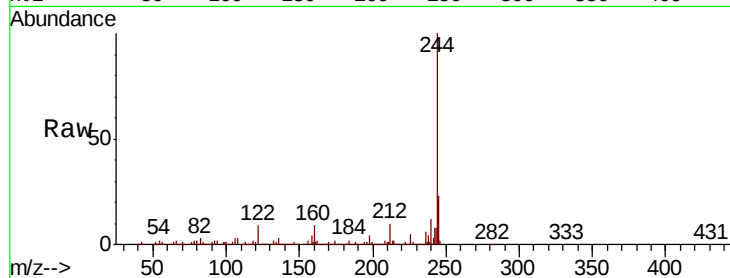
Tot Ion:244 Resp: 1633056

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

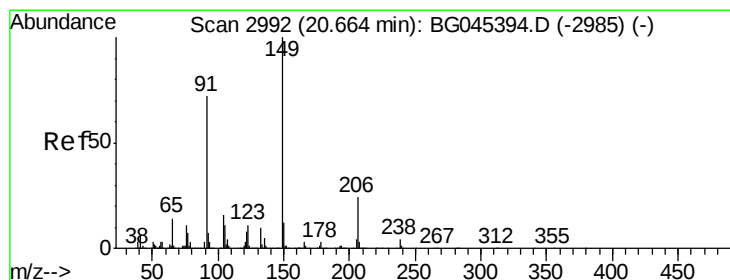
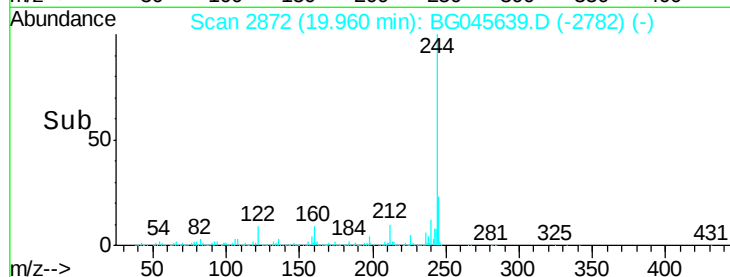
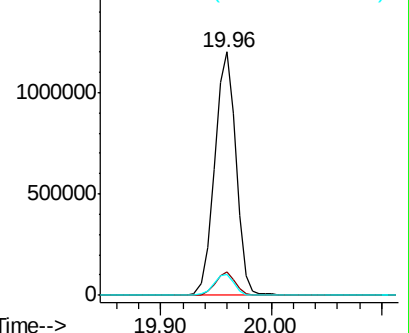
122 8.5 6.8 10.2



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: 43.223 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

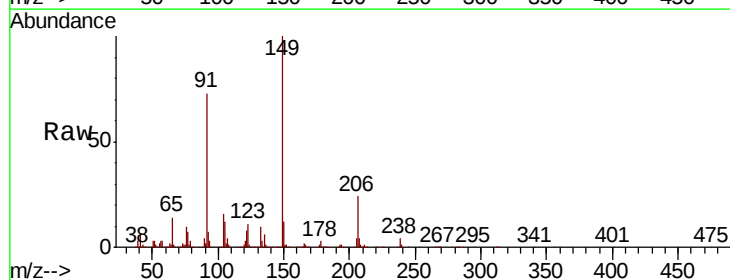
Tgt Ion:149 Resp: 442336

Ion Ratio Lower Upper

149 100

91 72.9 57.8 86.6

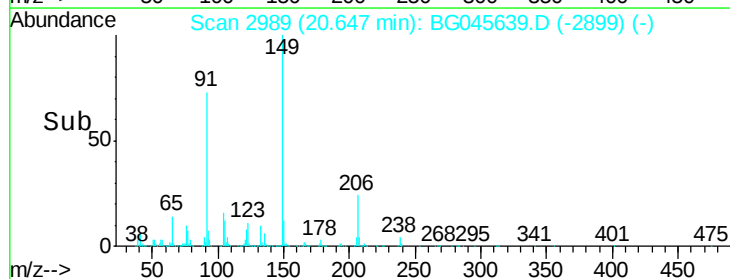
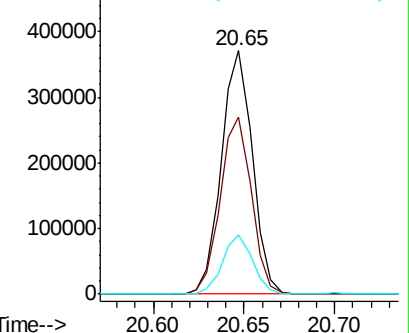
206 24.1 19.1 28.7

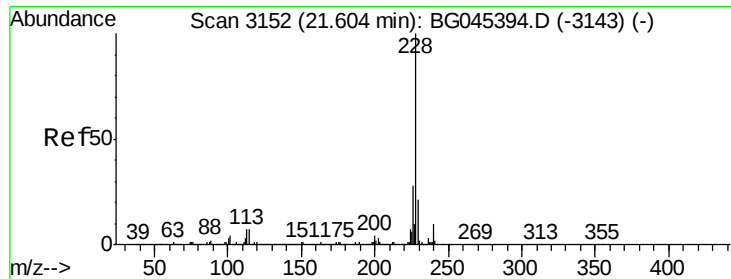


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.786 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

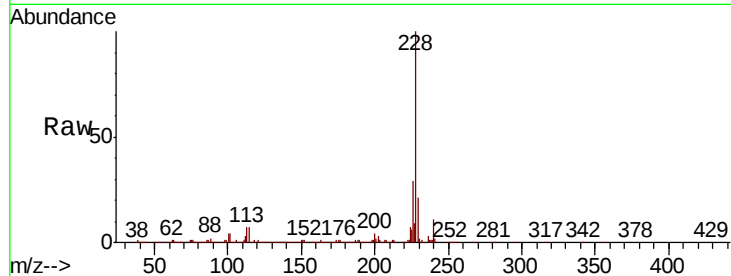
BNA_G

ClientSampleId :

PB129333BS

Tot Ion:228 Resp: 1037705

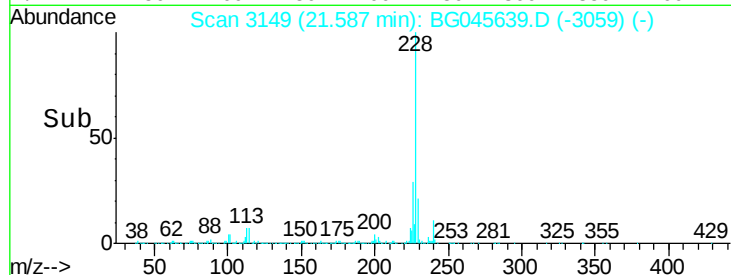
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.5	16.7	25.1



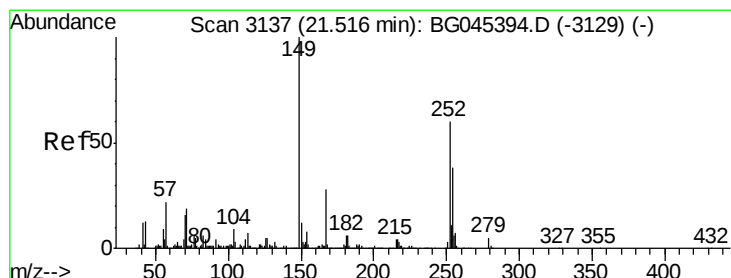
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 37.496 ng

RT: 21.50 min Scan# 3134

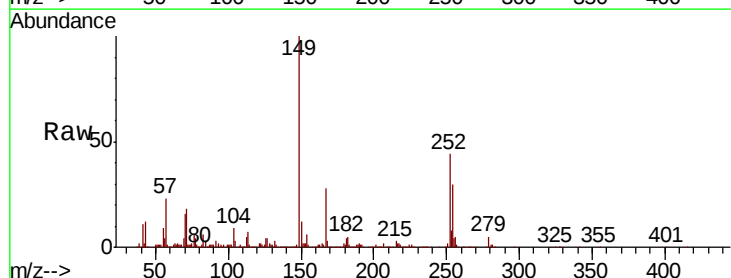
Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Tgt Ion:252 Resp: 340787

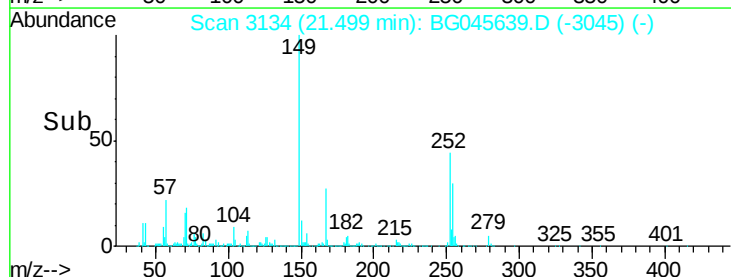
Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.3	76.9
126	8.5	6.6	10.0



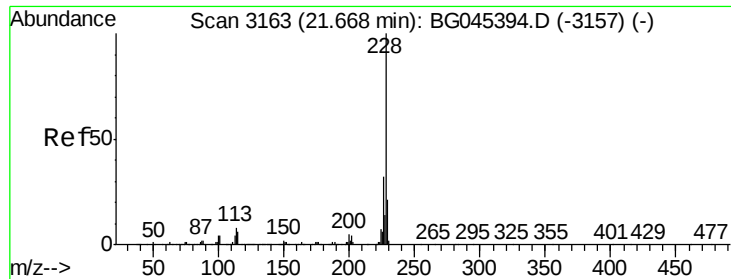
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrvsene

Concen: 44.304 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

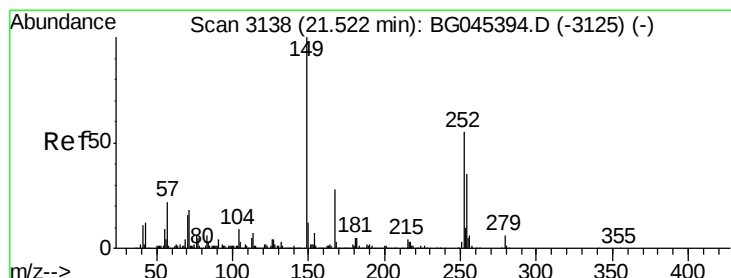
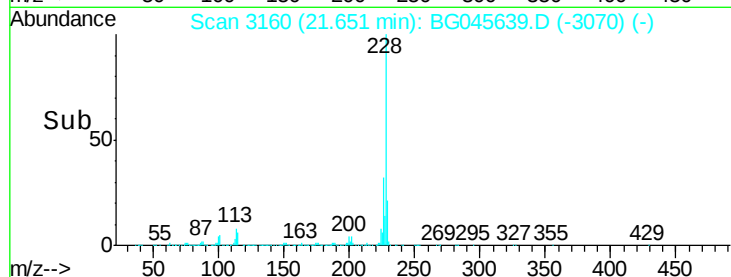
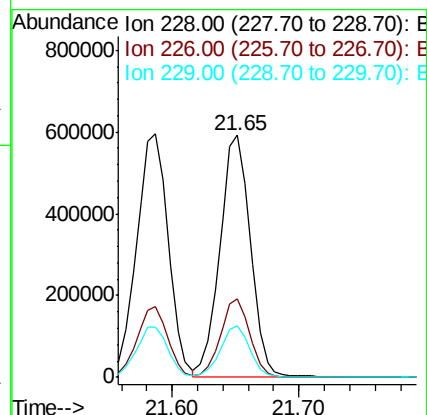
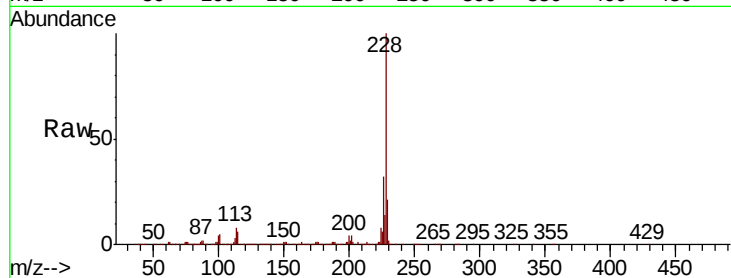
BNA_G

ClientSampleId :

PB129333BS

Tot Ion:228 Resp: 987037

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.2	37.8
229	21.1	16.7	25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.418 ng

RT: 21.50 min Scan# 3134

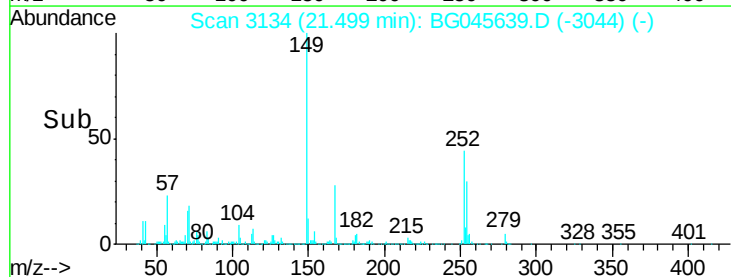
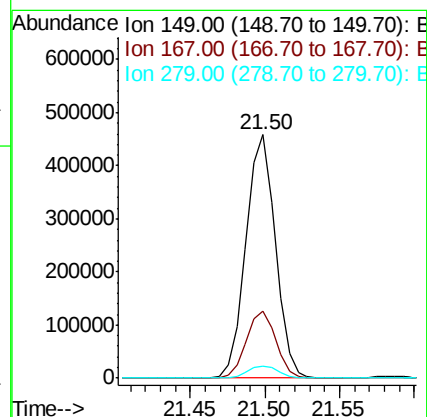
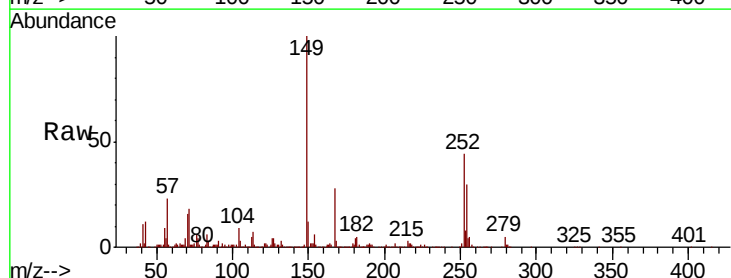
Delta R.T. 0.00 min

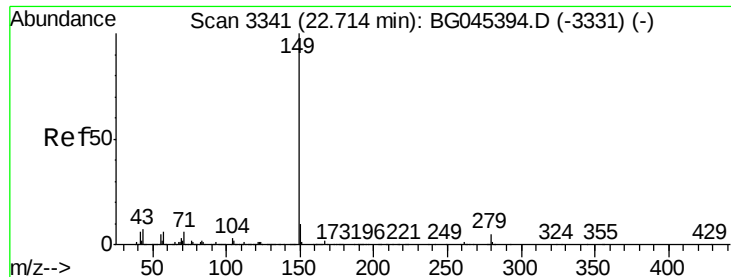
Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Tgt Ion:149 Resp: 624862

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	5.0	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 43.585 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

Instrument :

BNA_G

ClientSampleId :

PB129333BS

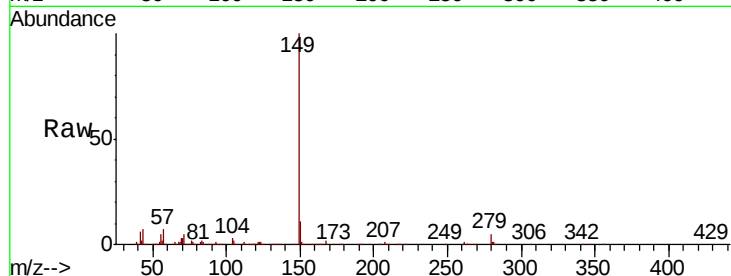
Tot Ion:149 Resp: 1053094

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

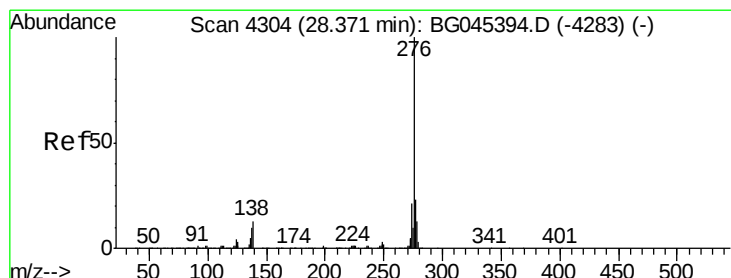
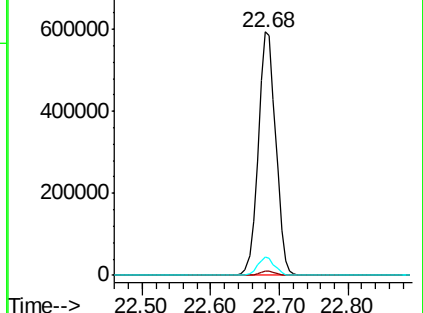
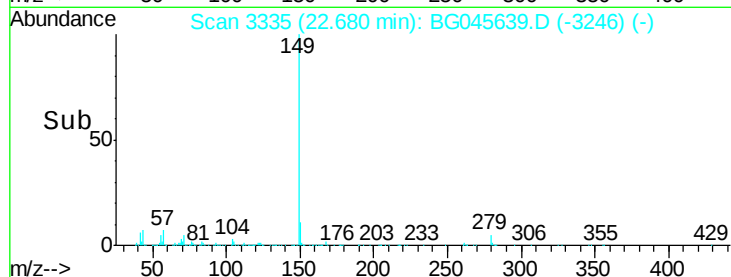
43 7.2 5.8 8.8



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: 43.998 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.00 min

Lab File: BG045639.D

Acq: 8 Jun 2020 12:13

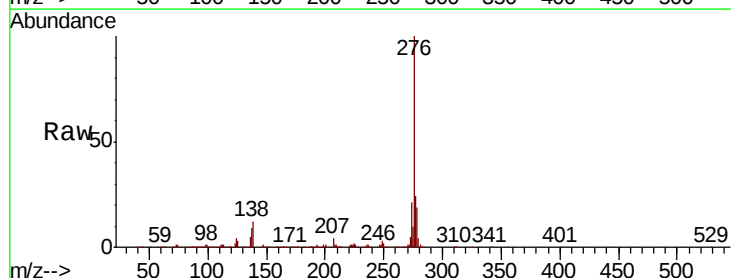
Tgt Ion:276 Resp: 1281814

Ion Ratio Lower Upper

276 100

138 6.7 8.6 12.8#

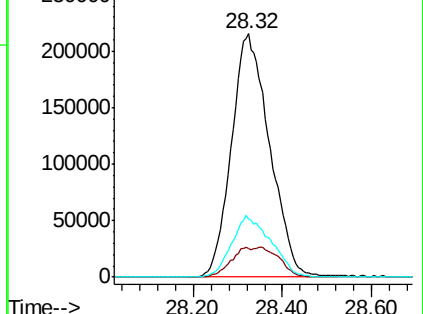
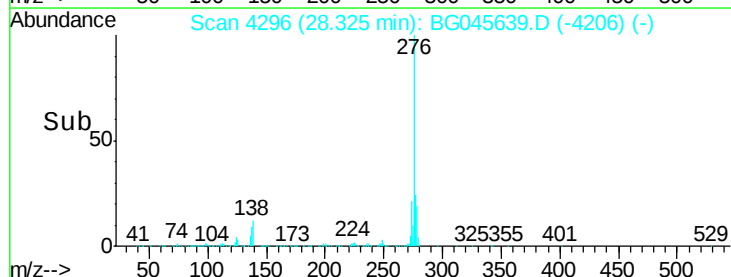
277 26.0 20.2 30.4

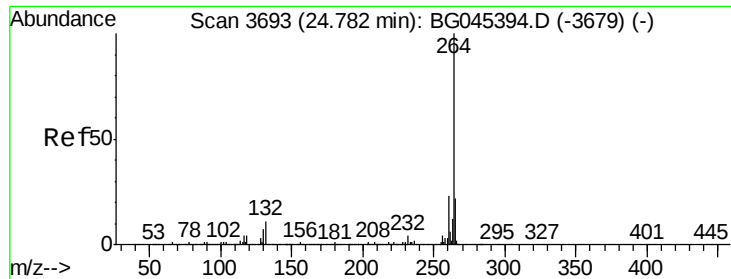


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

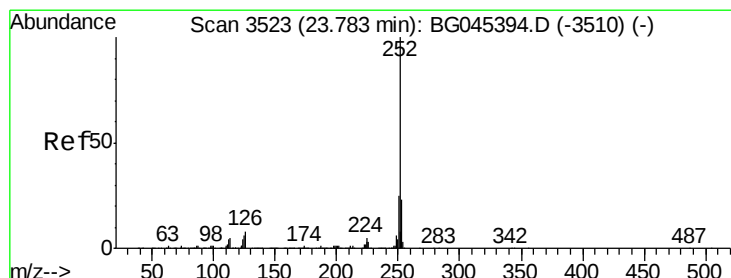
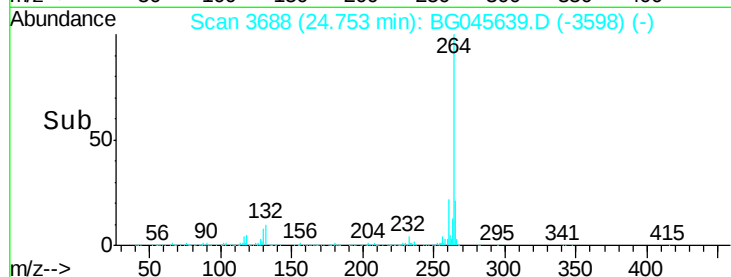
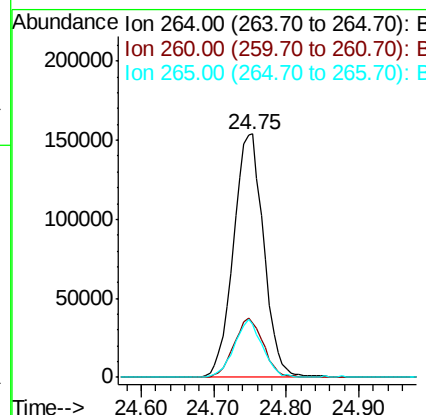
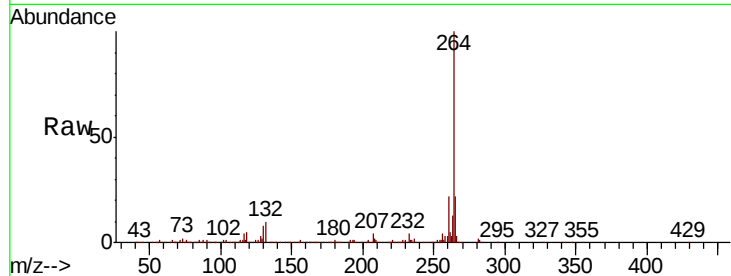




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

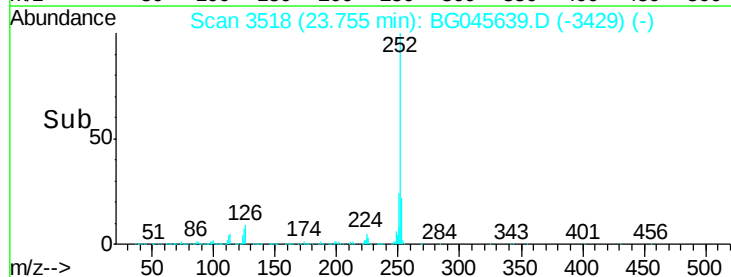
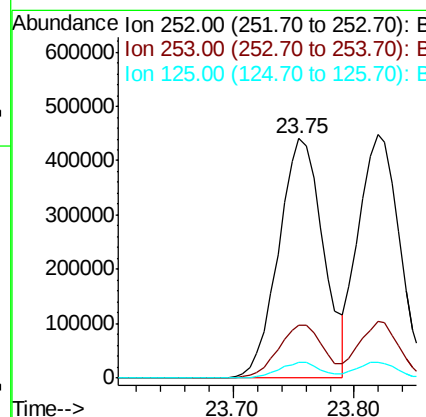
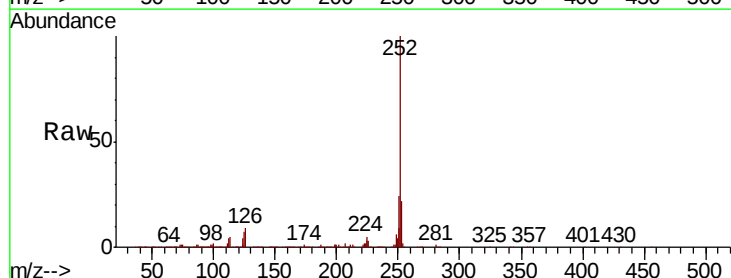
Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:264 Resp: 446505
Ion Ratio Lower Upper
264 100
260 22.2 18.2 27.4
265 21.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 47.154 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:252 Resp: 1129172
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 6.7 5.0 7.6

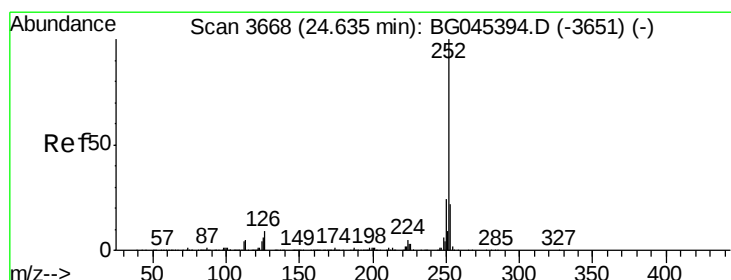
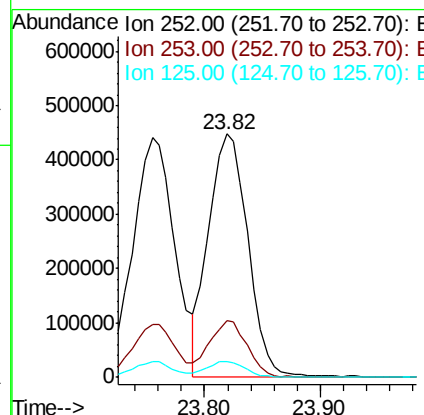
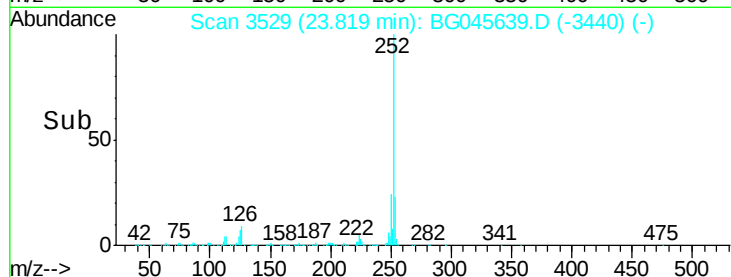
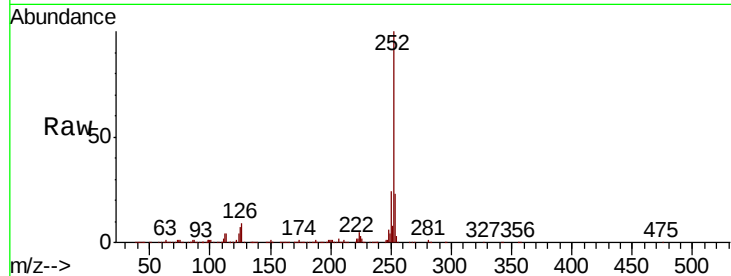




#89
Benzo(k)fluoranthene
Concen: 46.815 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

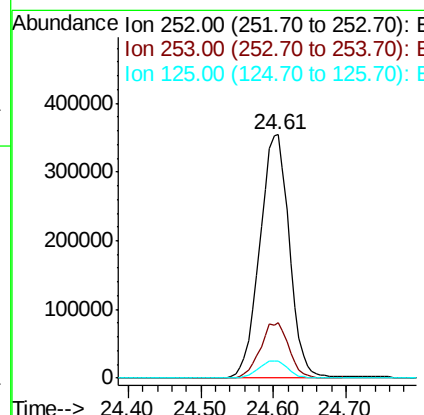
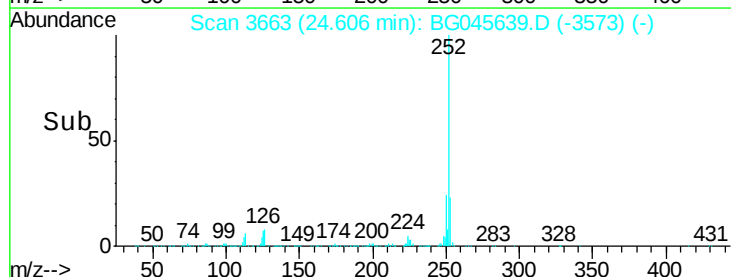
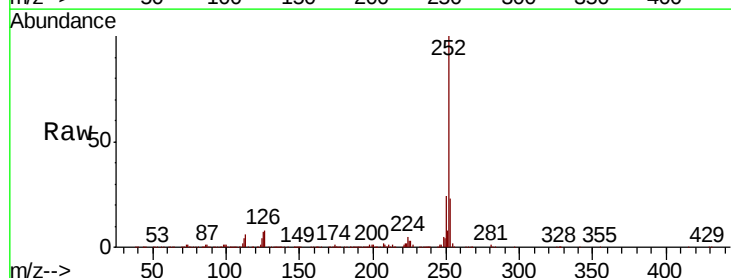
Instrument :
BNA_G
ClientSampleId :
PB129333BS

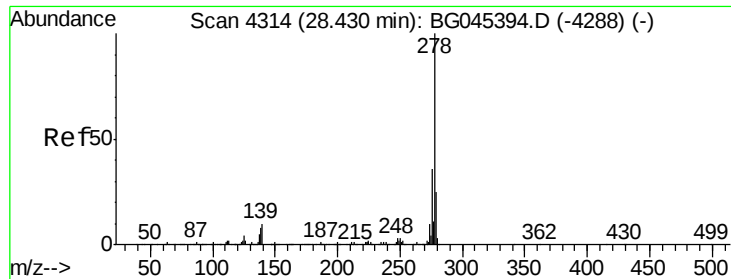
Tot Ion:252 Resp: 1053213
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 6.7 5.7 8.5



#90
Benzo(a)pyrene
Concen: 45.112 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:252 Resp: 1006099
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 6.8 5.0 7.6



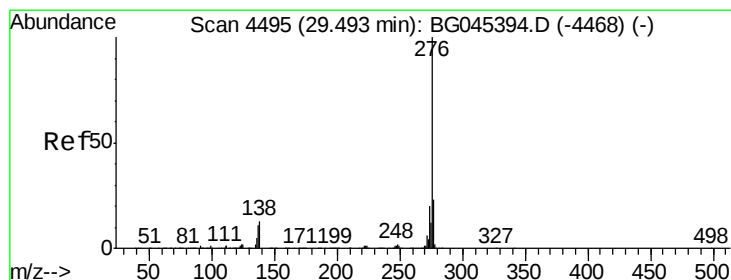
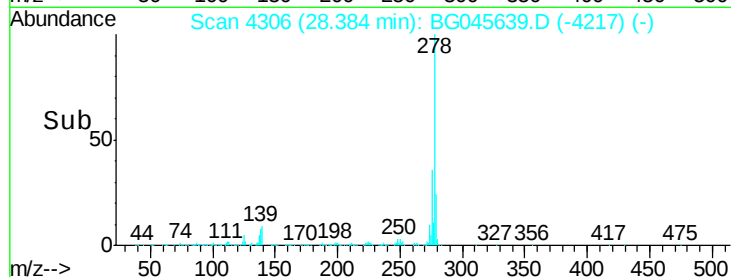
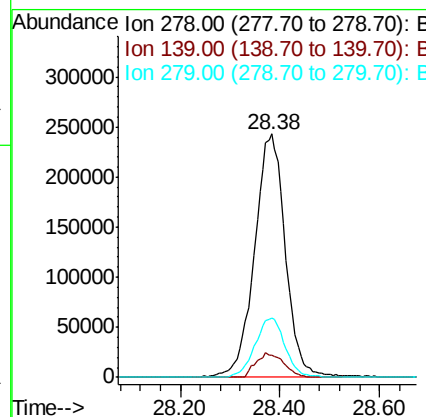
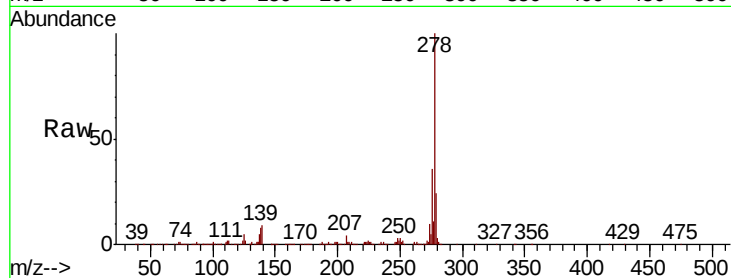


#91
Dibenzo(a,h)anthracene
Concen: 46.563 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tot Ion:278 Resp: 1043536

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	24.4	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 47.385 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045639.D
Acq: 8 Jun 2020 12:13

Tgt Ion:276 Resp: 1062089

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.1	27.1
138	12.1	10.2	15.4

