

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045605.D
 Acq On : 4 Jun 2020 14:54
 Operator : CG/JU
 Sample : PB129255BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Quant Time: Jun 04 17:21:21 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	51603	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	226097	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	175012	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	430534	20.00	ng	0.00
76) Chrysene-d12	21.60	240	378272	20.00	ng	0.00
87) Perylene-d12	24.75	264	412782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	425528	161.15	ng	0.00
7) Phenol-d6	7.15	99	624111	166.07	ng	0.00
23) Nitrobenzene-d5	9.11	82	399487	96.35	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	328159	146.62	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	977524	94.74	ng	0.00
79) Terphenyl-d14	19.96	244	1672537	103.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	50848	38.833	ng	# 97
3) Pyridine	3.80	79	116991	32.081	ng	94
4) n-Nitrosodimethylamine	3.71	42	57117	47.864	ng	91
6) Aniline	7.28	93	206071	42.004	ng	99
8) 2-Chlorophenol	7.52	128	156257	53.963	ng	99
9) Benzaldehyde	7.08	77	94450	38.574	ng	96
10) Phenol	7.17	94	214891	55.479	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	144588	47.858	ng	98
12) 1,3-Dichlorobenzene	7.84	146	161317	46.359	ng	100
13) 1,4-Dichlorobenzene	7.99	146	162082	47.199	ng	99
14) 1,2-Dichlorobenzene	8.30	146	154977	46.922	ng	96
15) Benzyl Alcohol	8.20	79	171468	55.230	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	136578	47.624	ng	97
17) 2-Methylphenol	8.42	107	150395	51.875	ng	97
18) Hexachloroethane	9.04	117	63389	48.197	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	138911	53.451	ng	98
20) 3+4-Methylphenols	8.75	107	205084	51.947	ng	# 88
22) Acetophenone	8.77	105	250333	46.715	ng	97
24) Nitrobenzene	9.16	77	205635	46.291	ng	97
25) Isophorone	9.68	82	389528	47.705	ng	96
26) 2-Nitrophenol	9.87	139	94600	49.782	ng	92
27) 2,4-Dimethylphenol	9.94	122	162747	57.744	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	210897	49.250	ng	94
29) 2,4-Dichlorophenol	10.42	162	176356	52.988	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	183361	46.624	ng	99
31) Naphthalene	10.81	128	500695	47.522	ng	100
32) Benzoic acid	10.12	122	97495	50.264	ng	96
33) 4-Chloroaniline	10.92	127	131786	29.924	ng	97
34) Hexachlorobutadiene	11.10	225	124128	44.651	ng	98
35) Caprolactam	11.69	113	37961	31.074	ng	92
36) 4-Chloro-3-methylphenol	12.07	107	211532	56.403	ng	97
37) 2-Methylnaphthalene	12.42	142	397122	50.570	ng	99
38) 1-Methylnaphthalene	12.42	142	397122	53.535	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	226183	46.270	ng	99

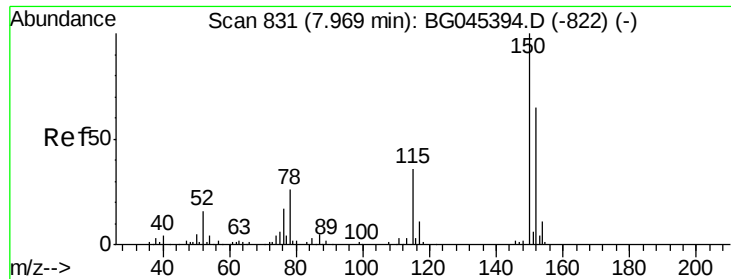
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045605.D
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 Operator : CG/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	284451	100.816	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	165452	48.723	nq	99
44) 2,4,5-Trichlorophenol	13.12	196	175176	45.143	nq	99
46) 1,1'-Biphenyl	13.43	154	520665	48.417	nq	100
47) 2-Chloronaphthalene	13.47	162	391136	44.791	nq	99
48) 2-Nitroaniline	13.67	65	133874	46.606	nq	93
49) Acenaphthylene	14.32	152	674744	48.105	nq	98
50) Dimethylphthalate	14.05	163	569464	47.433	nq	100
51) 2,6-Dinitrotoluene	14.17	165	129134	47.667	nq	99
52) Acenaphthene	14.66	154	390392	41.580	nq	98
53) 3-Nitroaniline	14.51	138	86483	31.404	nq	96
54) 2,4-Dinitrophenol	14.71	184	158127	88.483	nq	98
55) Dibenzofuran	14.99	168	659520	47.302	nq	98
56) 4-Nitrophenol	14.85	139	187271	89.819	nq	92
57) 2,4-Dinitrotoluene	14.96	165	185360	47.244	nq	97
58) Fluorene	15.65	166	544986	47.577	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	165466	48.468	nq	98
60) Diethylphthalate	15.42	149	597597	47.823	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	311016	47.448	nq	98
62) 4-Nitroaniline	15.68	138	131613	45.779	nq	93
63) Azobenzene	15.93	77	560851	48.134	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	122757	48.957	nq	91
66) n-Nitrosodiphenylamine	15.86	169	502775	48.638	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	216862	46.517	nq	96
68) Hexachlorobenzene	16.66	284	232562	47.695	nq	97
69) Atrazine	16.80	200	194829	45.759	nq	98
70) Pentachlorophenol	17.01	266	241108	95.230	nq	97
71) Phenanthrene	17.39	178	896318	47.689	nq	98
72) Anthracene	17.48	178	915472	48.502	nq	98
73) Carbazole	17.75	167	843643	45.854	nq	99
74) Di-n-butylphthalate	18.31	149	1008955	45.690	nq	99
75) Fluoranthene	19.40	202	1094656	45.789	nq	99
77) Benzidine	19.58	184	490712	46.189	nq	98
78) Pyrene	19.76	202	1084046	50.273	nq	99
80) Butylbenzylphthalate	20.65	149	433137	46.537	nq	98
81) Benzo(a)anthracene	21.59	228	1033658	49.053	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	283336	34.278	nq	97
83) Chrysene	21.65	228	976701	48.204	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	608036	47.525	nq	99
85) Di-n-octyl phthalate	22.68	149	1026498	46.714	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1272880	48.041	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1074834	48.552	nq	99
89) Benzo(k)fluoranthene	23.82	252	1067236	51.314	nq	99
90) Benzo(a)pyrene	24.61	252	994356	48.228	nq	97
91) Dibenzo(a,h)anthracene	28.39	278	1039810	50.187	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1055186	50.923	nq	97

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

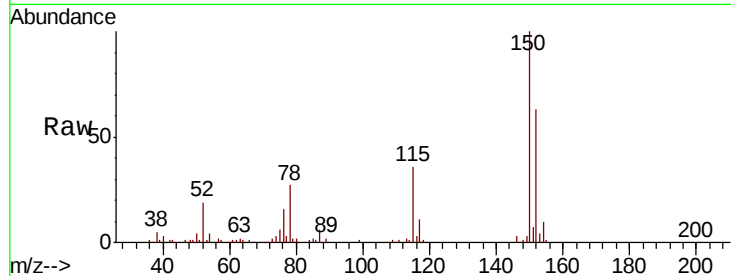


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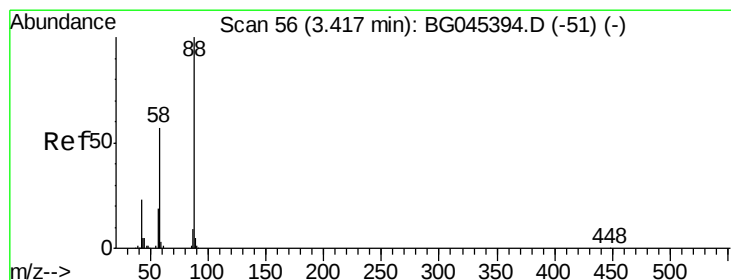
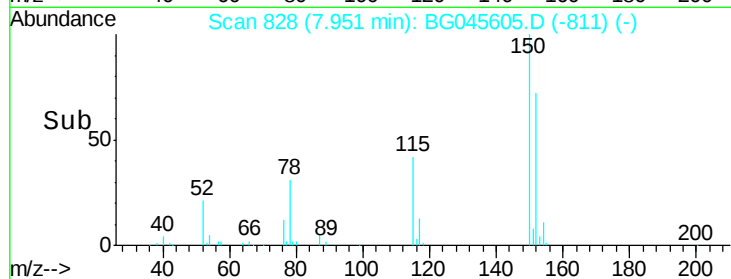
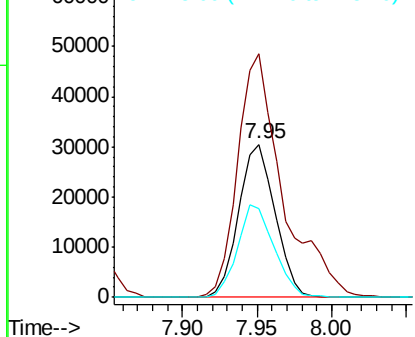
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:152 Resp: 51603
Ion Ratio Lower Upper
152 100
150 159.2 122.4 183.6
115 57.8 44.2 66.4



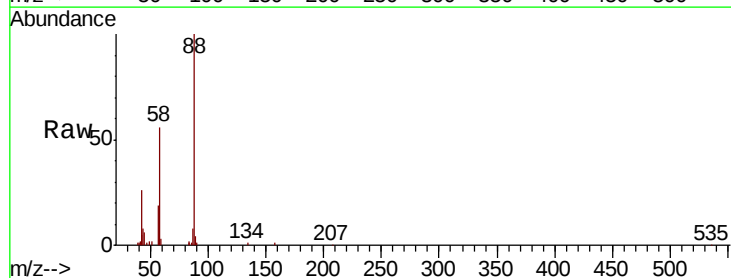
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



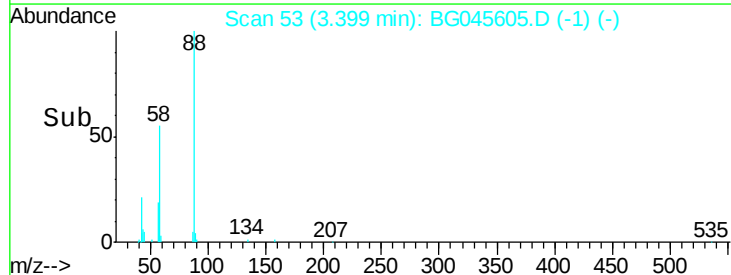
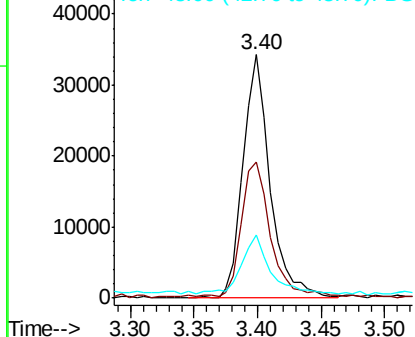
#2

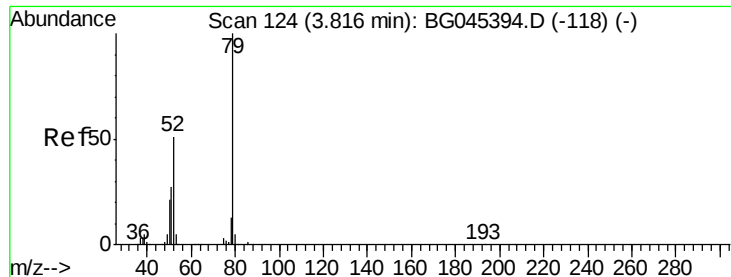
1,4-Dioxane
Concen: 38.833 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion: 88 Resp: 50848
Ion Ratio Lower Upper
88 100
58 57.4 45.7 68.5
43 26.0 16.8 25.2#



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





#3

Pvridine

Concen: 32.081 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

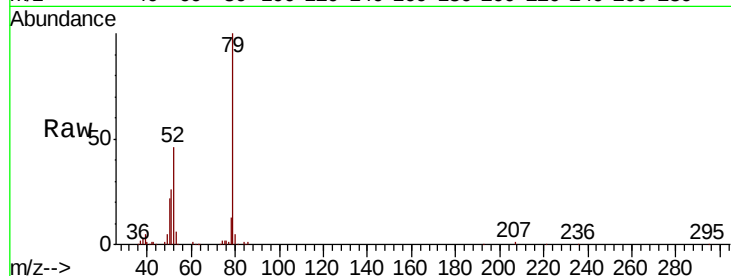
Tot Ion: 79 Resp: 116991

Ion Ratio Lower Upper

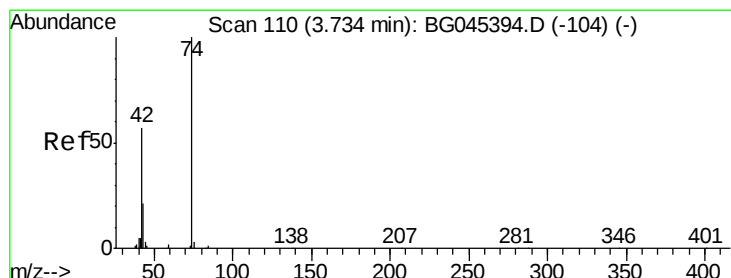
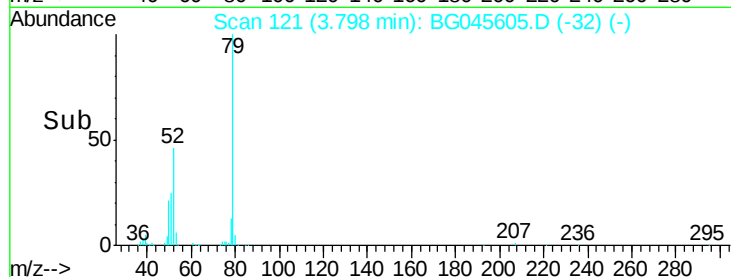
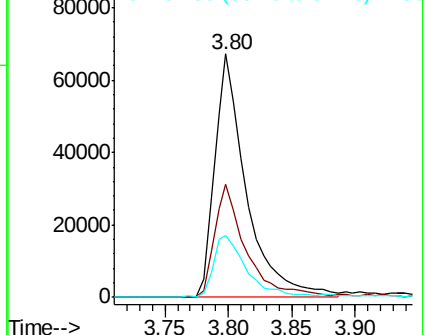
79 100

52 46.3 40.8 61.2

51 25.7 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: 47.864 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

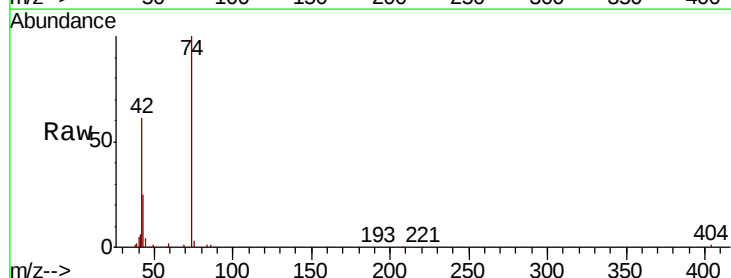
Tgt Ion: 42 Resp: 57117

Ion Ratio Lower Upper

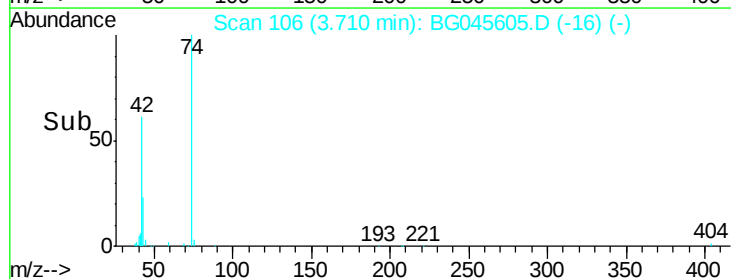
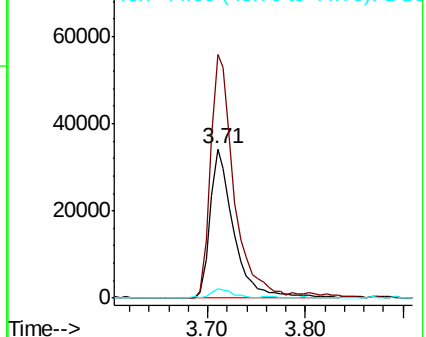
42 100

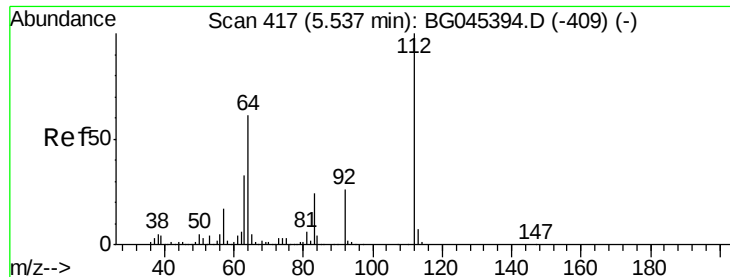
74 163.4 141.3 211.9

44 6.4 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: 161.155 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

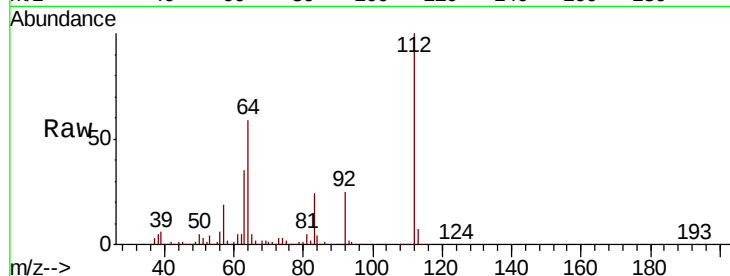
Tot Ion:112 Resp: 425528

Ion Ratio Lower Upper

112 100

64 58.8 48.6 72.8

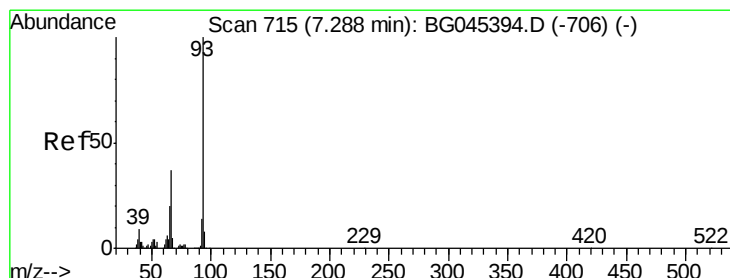
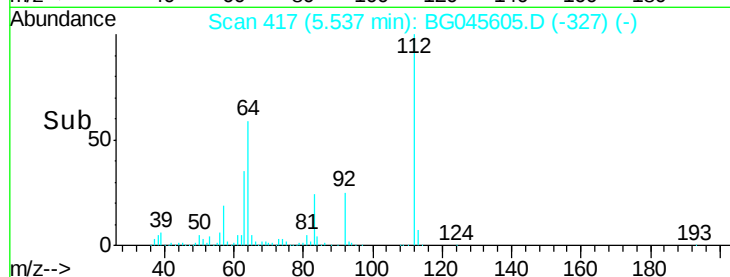
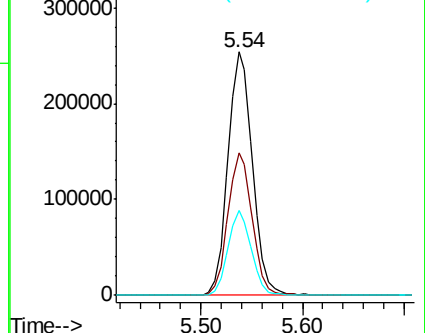
63 35.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.004 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

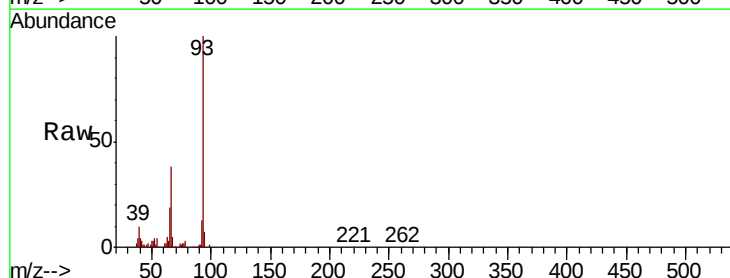
Tgt Ion: 93 Resp: 206071

Ion Ratio Lower Upper

93 100

66 37.9 29.6 44.4

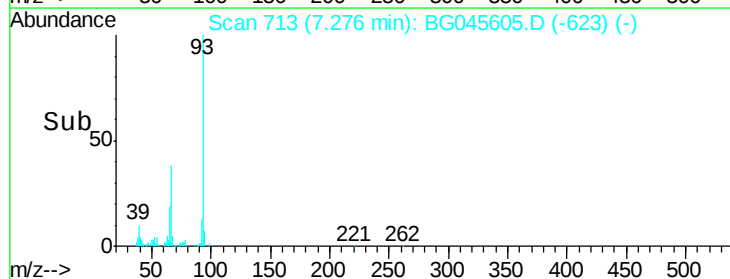
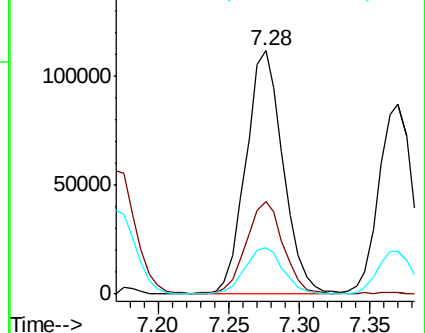
65 19.3 15.9 23.9

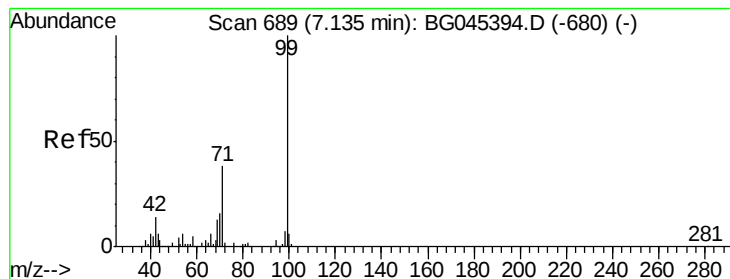


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.066 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

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ClientSampleId :

PB129255BS

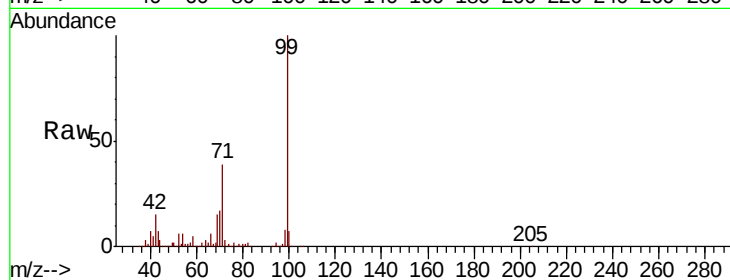
Tot Ion: 99 Resp: 624111

Ion Ratio Lower Upper

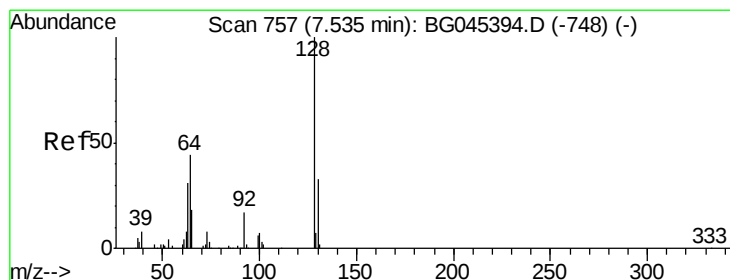
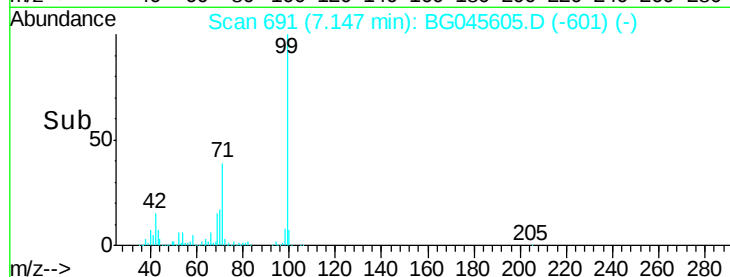
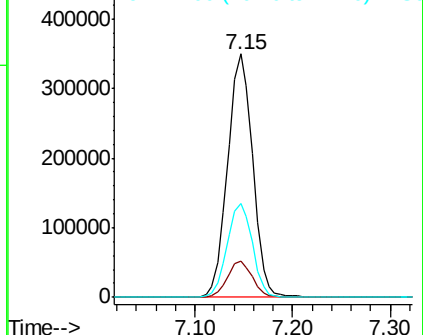
99 100

42 14.9 11.3 16.9

71 38.6 30.8 46.2



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



#8

2-Chlorophenol

Concen: 53.963 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

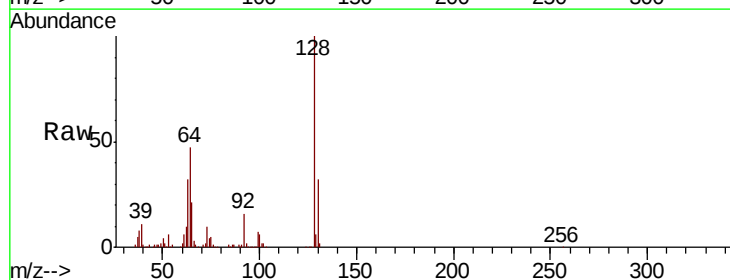
Tgt Ion:128 Resp: 156257

Ion Ratio Lower Upper

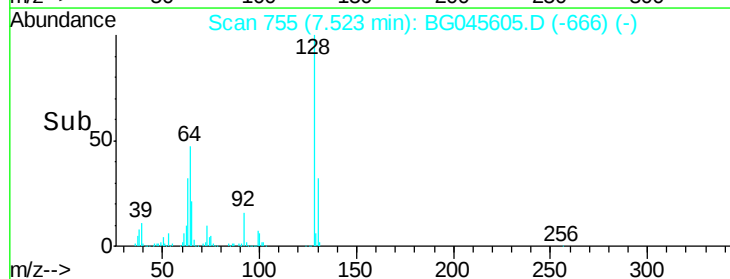
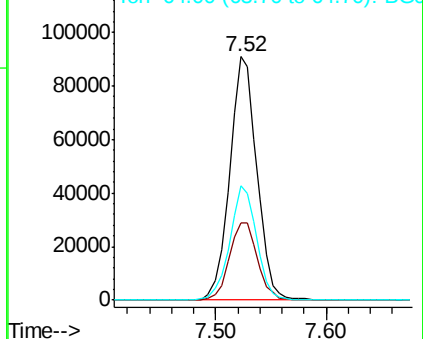
128 100

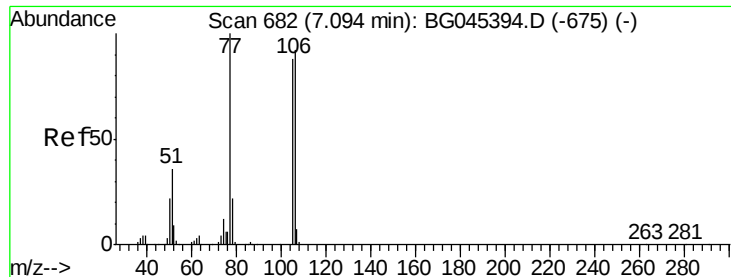
130 31.7 12.6 52.6

64 47.2 27.0 67.0



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





#9

Benzaldehyde

Concen: 38.574 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

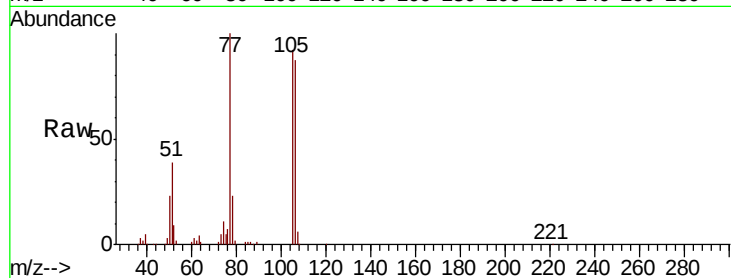
Tot Ion: 77 Resp: 94450

Ion Ratio Lower Upper

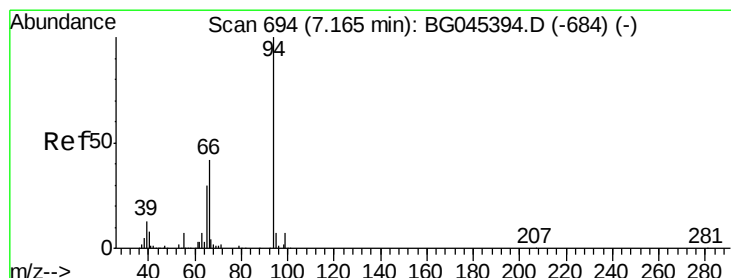
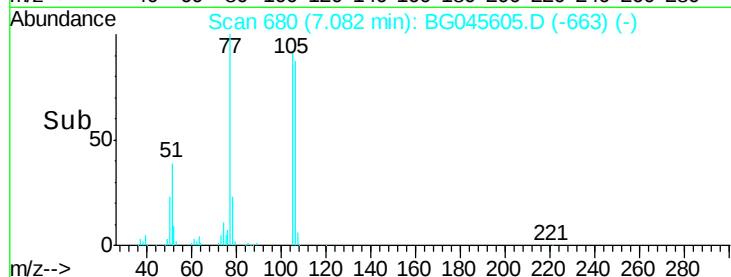
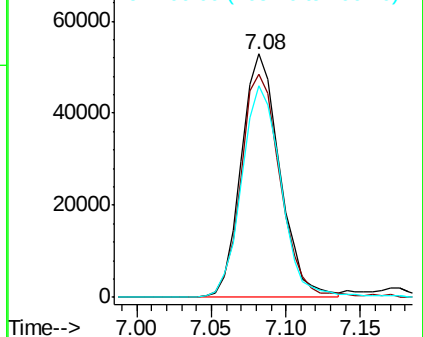
77 100

105 91.9 68.5 108.5

106 87.0 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: 55.479 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

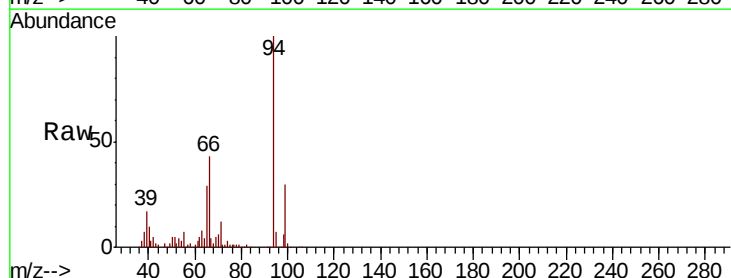
Tgt Ion: 94 Resp: 214891

Ion Ratio Lower Upper

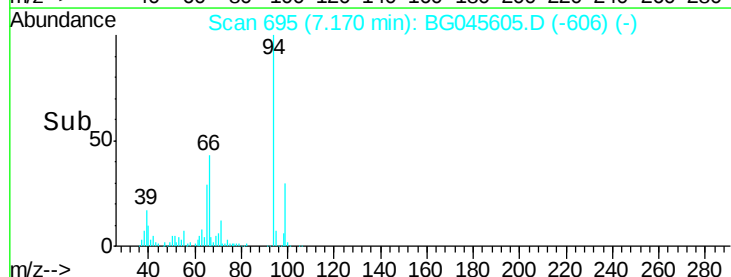
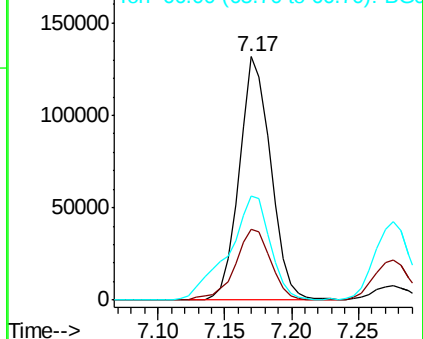
94 100

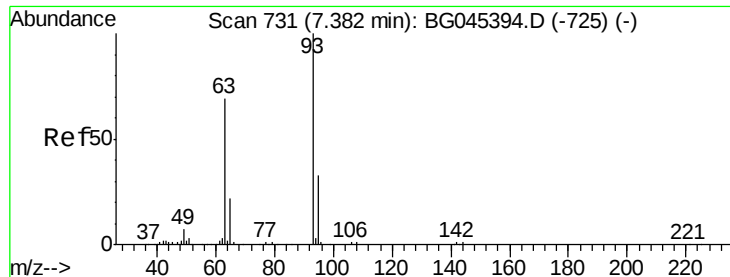
65 29.0 9.8 49.8

66 42.8 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

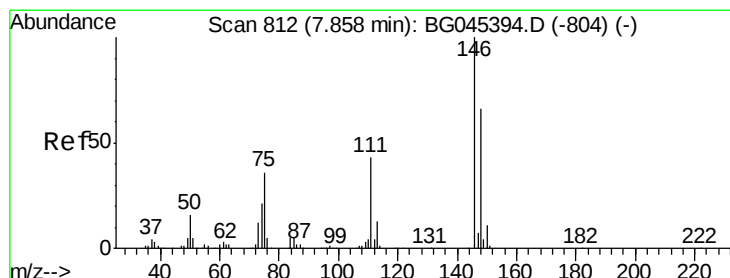
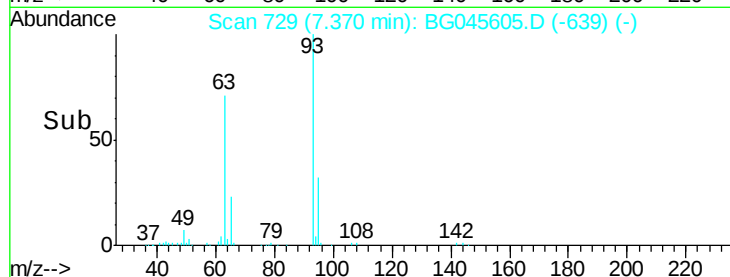
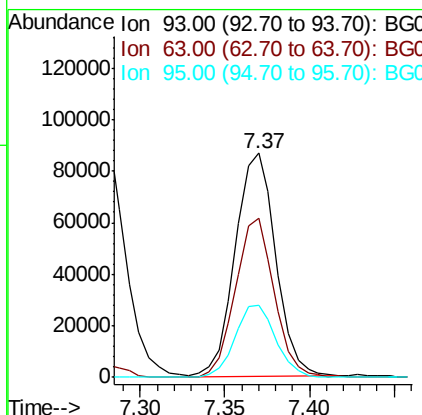
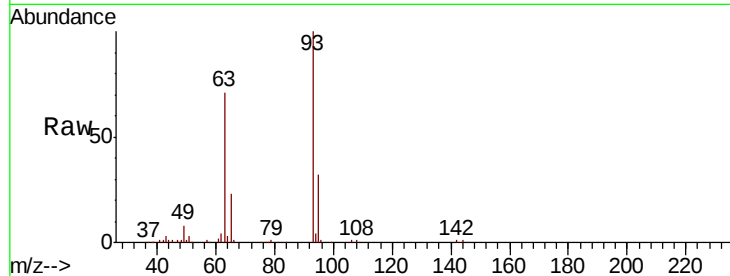




#11
bis(2-Chloroethyl)ether
Concen: 47.858 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

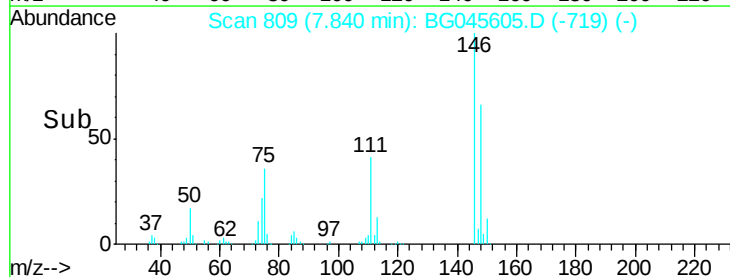
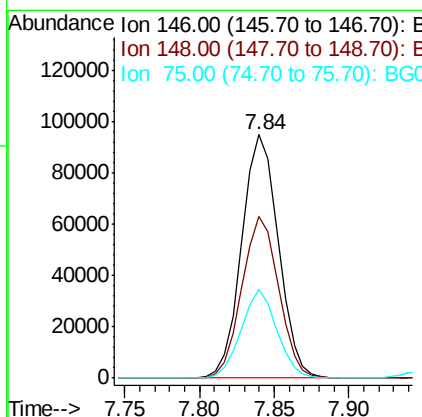
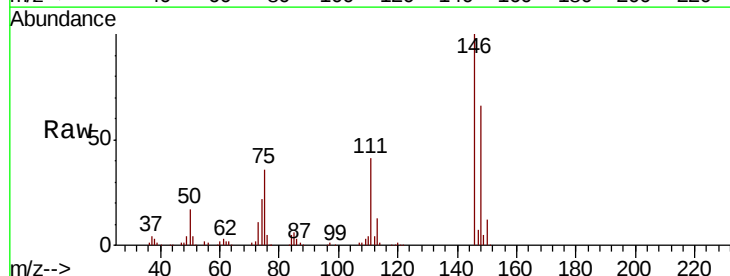
Instrument :
BNA_G
ClientSampleId :
PB129255BS

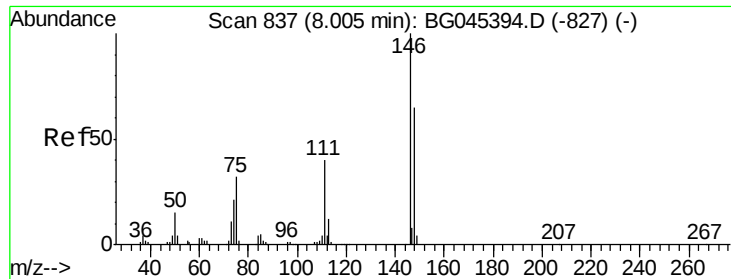
Tot Ion: 93 Resp: 144588
Ion Ratio Lower Upper
93 100
63 70.9 48.4 88.4
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.359 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion: 146 Resp: 161317
Ion Ratio Lower Upper
146 100
148 66.4 53.2 79.8
75 36.4 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 47.199 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

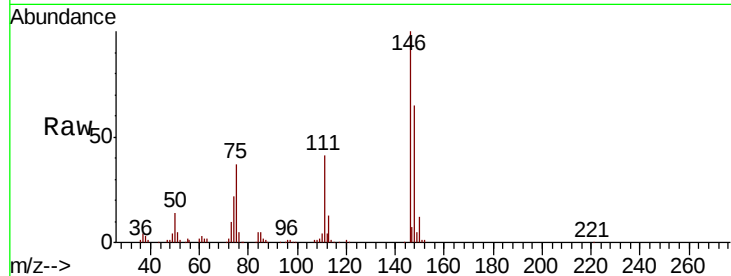
Tot Ion:146 Resp: 162082

Ion Ratio Lower Upper

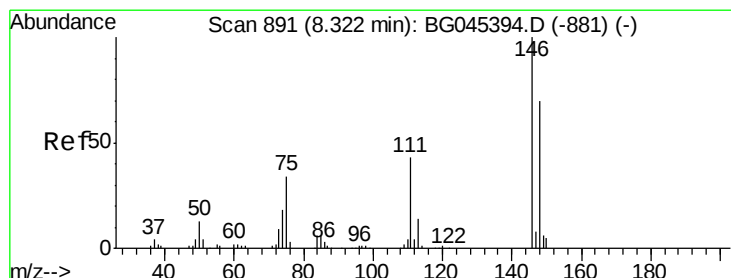
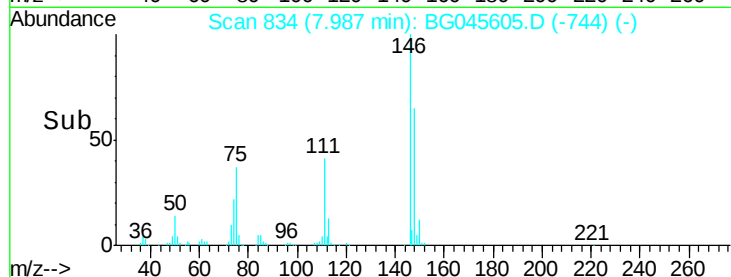
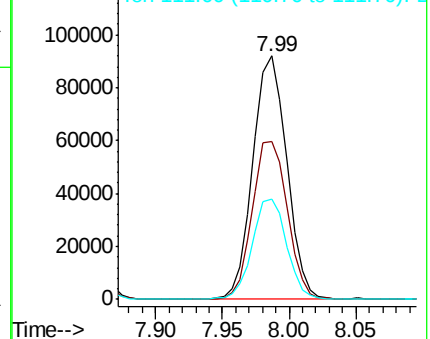
146 100

148 65.1 51.8 77.8

111 41.0 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: 46.922 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

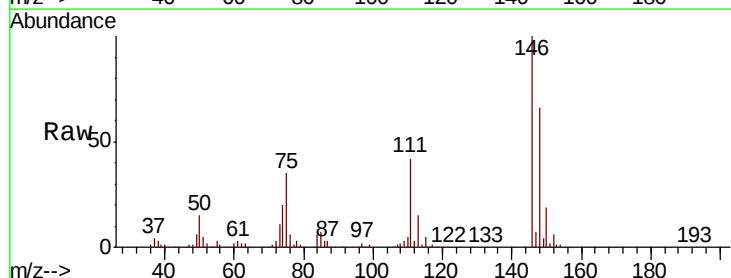
Tgt Ion:146 Resp: 154977

Ion Ratio Lower Upper

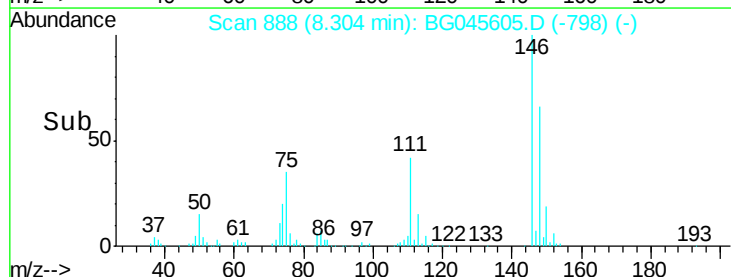
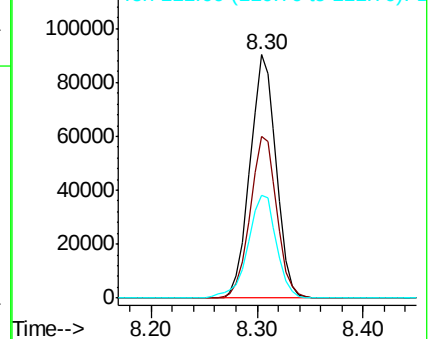
146 100

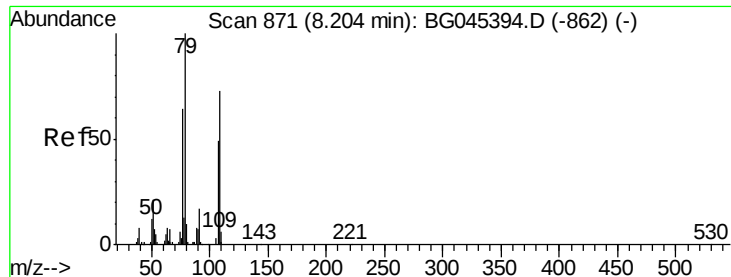
148 66.2 55.9 83.9

111 42.3 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: 55.230 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

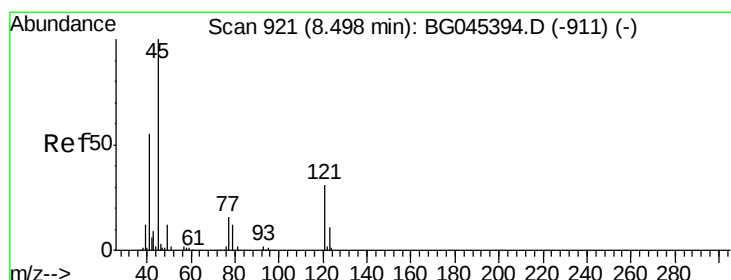
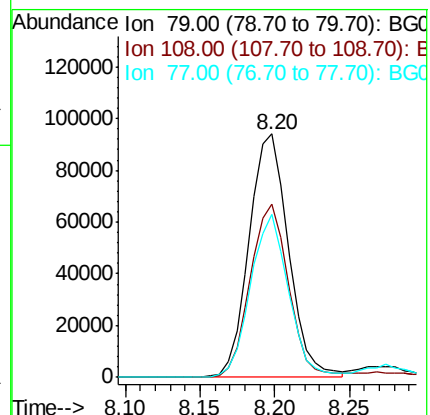
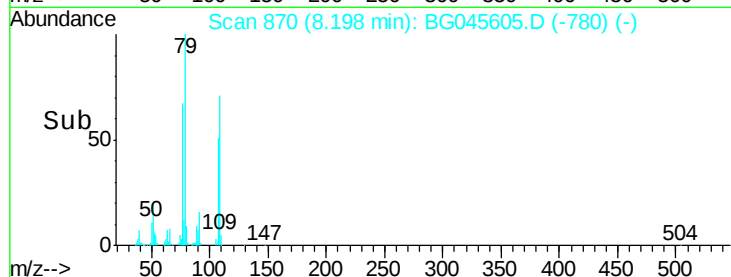
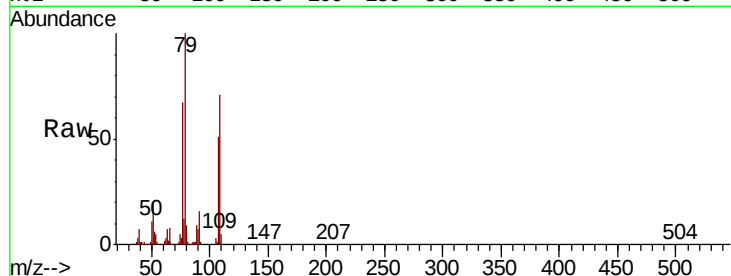
Tot Ion: 79 Resp: 171468

Ion Ratio Lower Upper

79 100

108 71.1 58.2 87.4

77 66.8 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.624 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

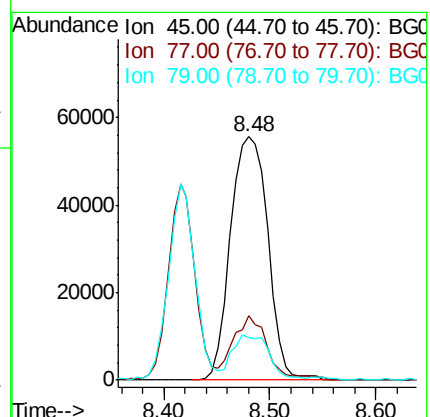
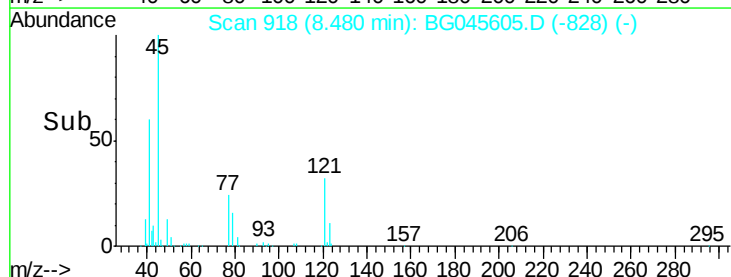
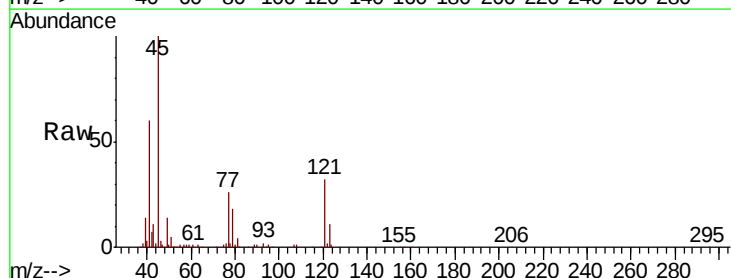
Tgt Ion: 45 Resp: 136578

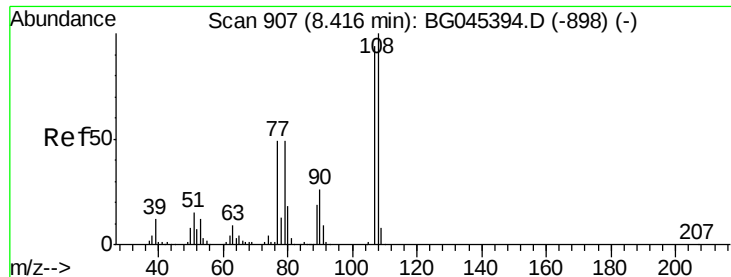
Ion Ratio Lower Upper

45 100

77 26.2 4.0 44.0

79 17.6 0.0 38.6





#17

2-Methylphenol

Concen: 51.875 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

Tot Ion:107 Resp: 150395

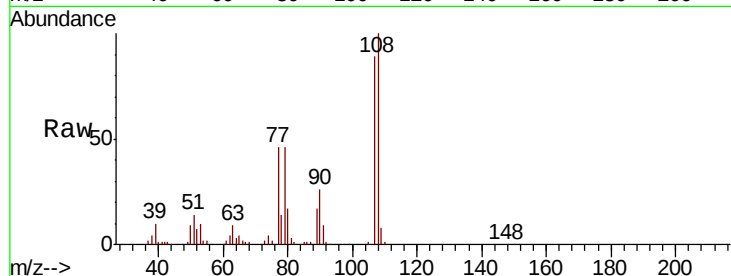
Ion Ratio Lower Upper

107 100

108 111.9 85.2 127.8

77 52.0 41.6 62.4

79 51.7 41.8 62.8

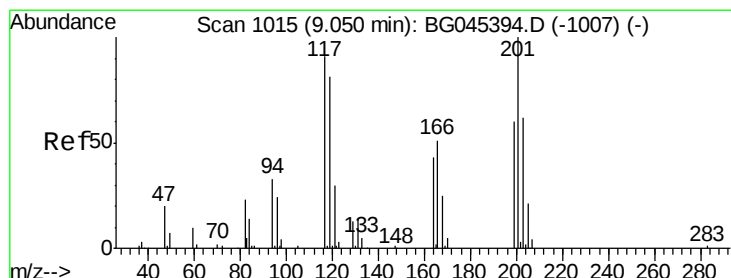
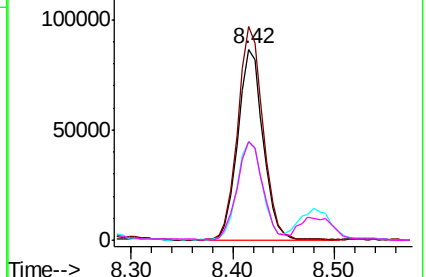
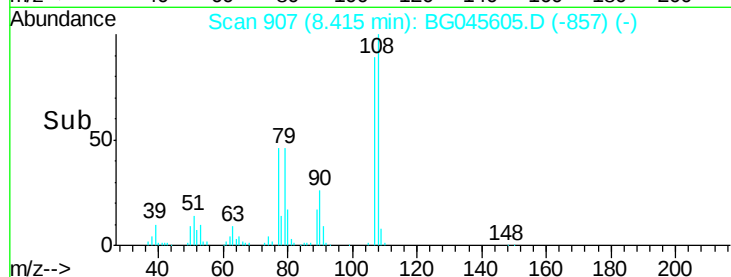


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 48.197 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

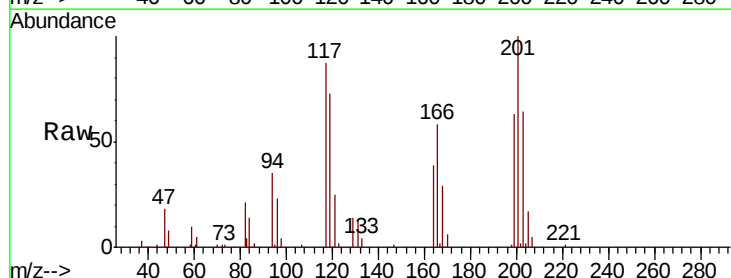
Tgt Ion:117 Resp: 63389

Ion Ratio Lower Upper

117 100

119 84.5 71.3 106.9

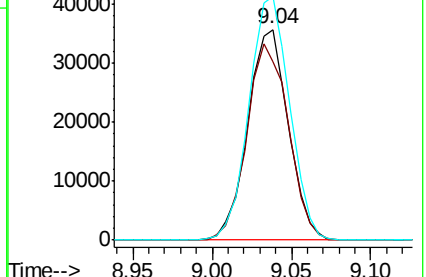
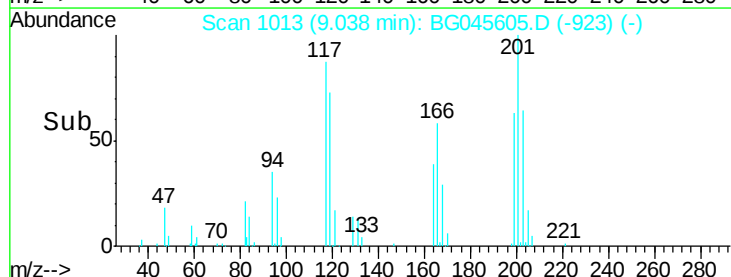
201 115.5 87.5 131.3

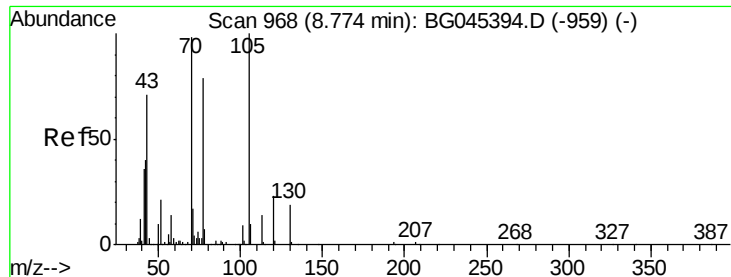


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

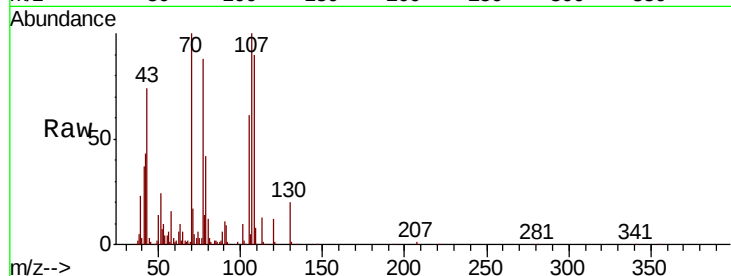




#19
n-Nitroso-di-n-propylamine
Concen: 53.451 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:	70	Resp:	138911
Ion	Ratio	Lower	Upper
70	100		
42	43.2	33.2	49.8
101	10.4	7.8	11.6
130	19.6	15.4	23.2



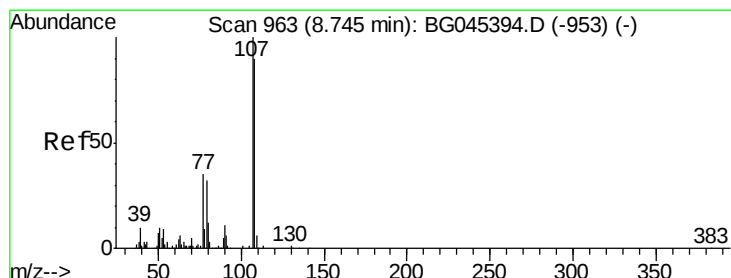
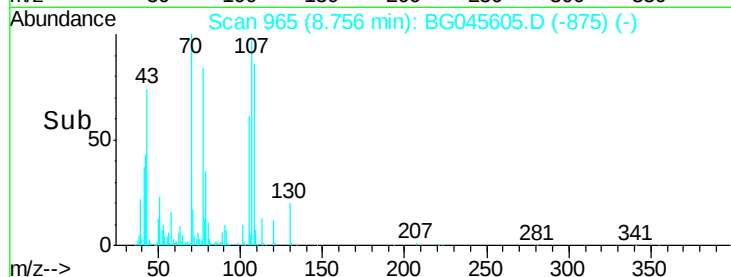
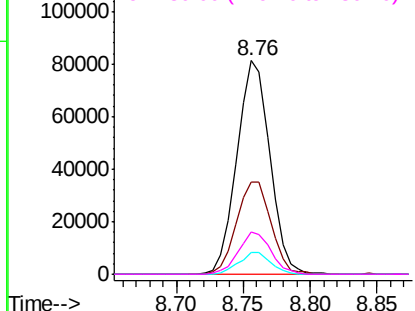
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

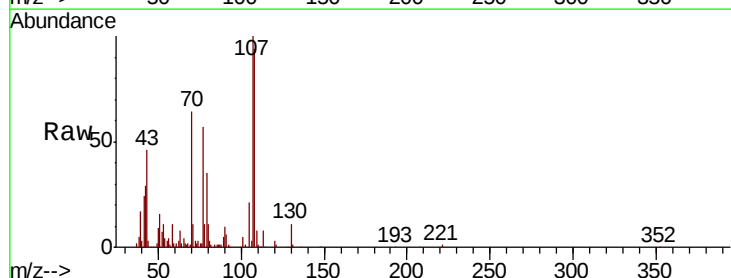
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 51.947 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:	107	Resp:	205084
Ion	Ratio	Lower	Upper
107	100		
108	94.0	70.3	110.3
77	57.2	15.4	55.4#
79	35.3	12.6	52.6



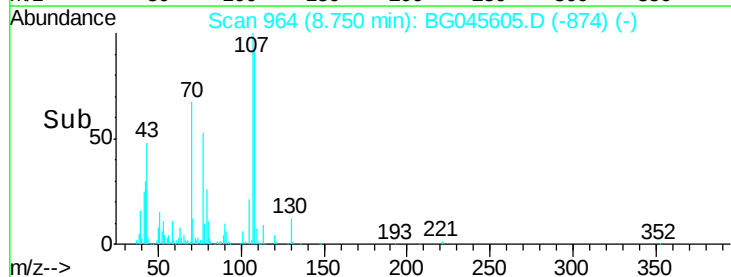
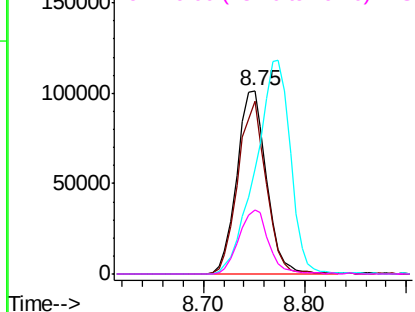
Abundance

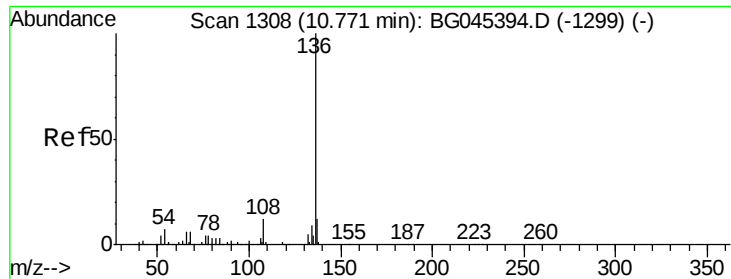
Ion 107.00 (106.70 to 107.70): BGC

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

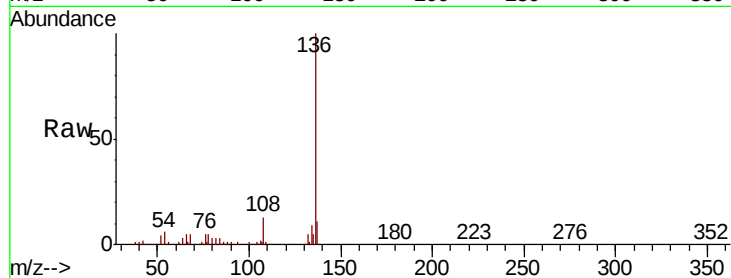




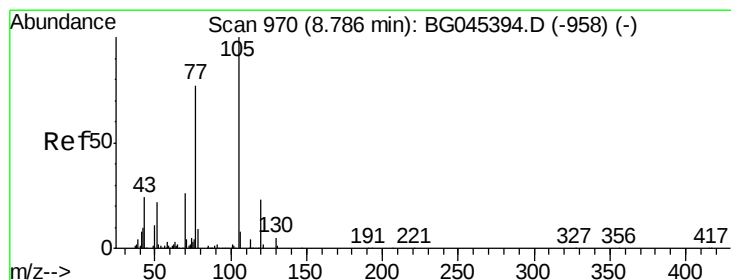
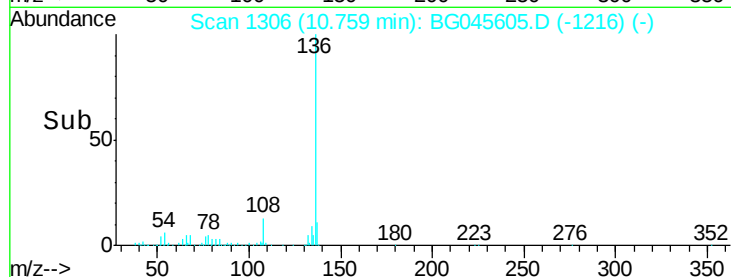
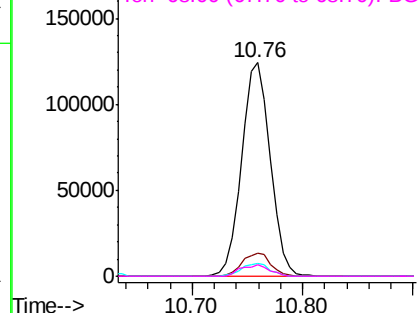
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:136	Resp: 226097
Ion Ratio	Lower Upper
136 100	
137 11.0	9.4 14.2
54 6.3	5.8 8.6
68 5.3	4.5 6.7

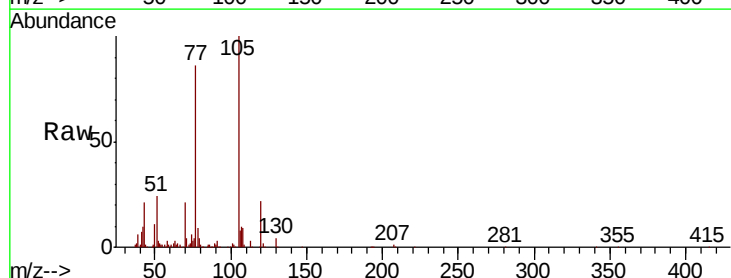


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

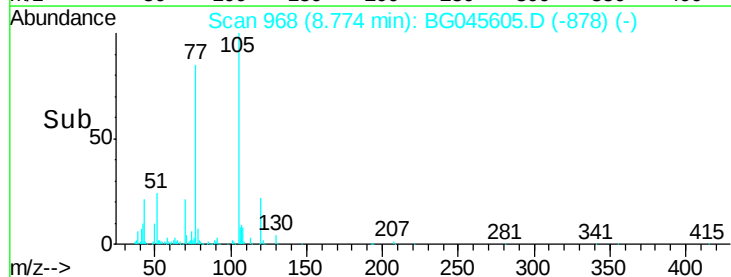
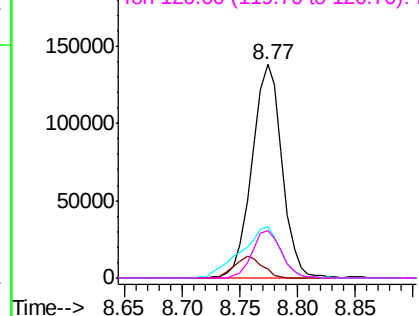


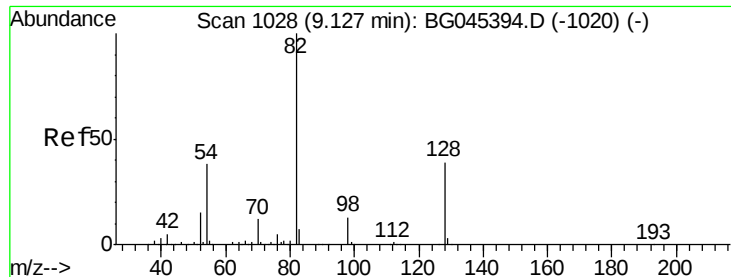
#22
Acetophenone
Concen: 46.715 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt	Ion:105	Resp:	250333
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.0
51	24.3	18.2	27.2
120	21.9	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

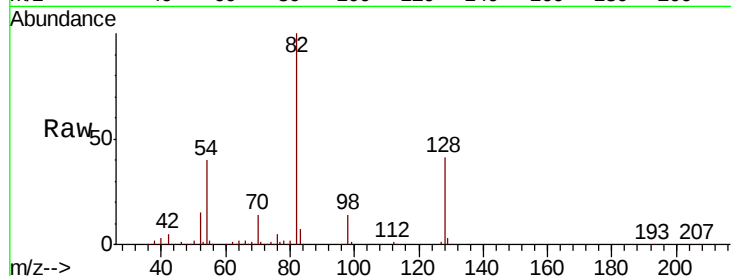




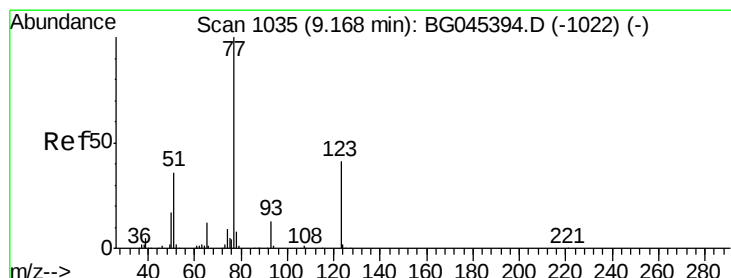
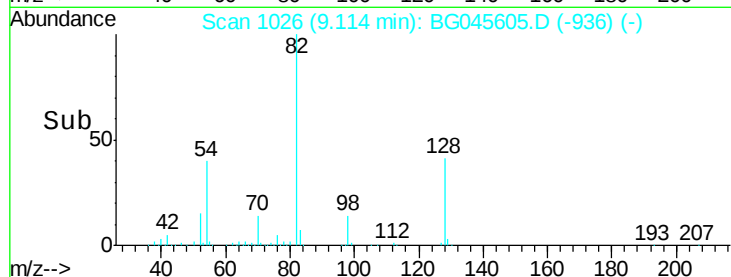
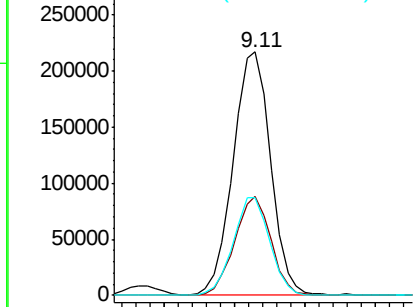
#23
Nitrobenzene-d5
Concen: 96.351 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	82	Resp	399487
Ion Ratio	Lower	Upper	
82	100		
128	40.6	30.9	46.3
54	40.1	30.3	45.5

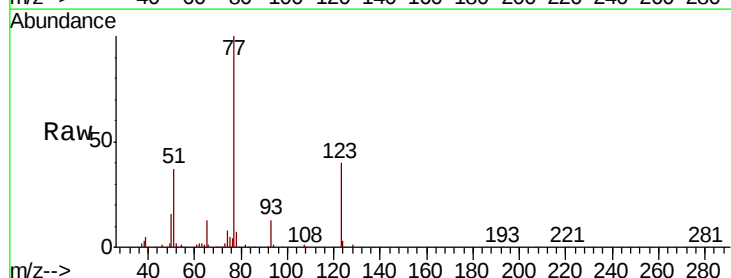


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

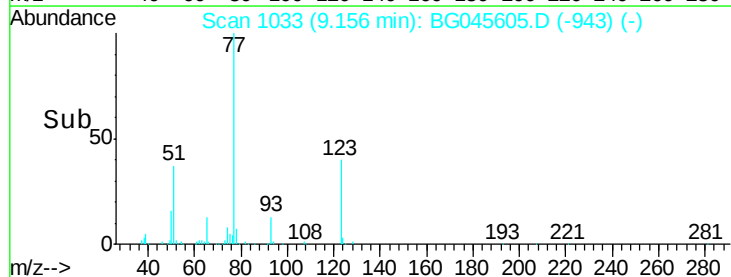
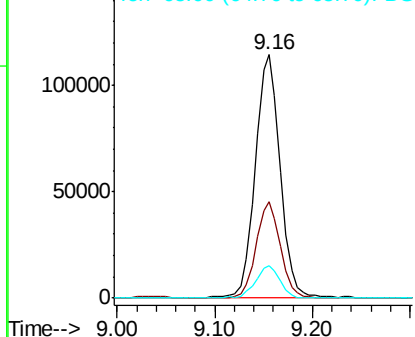


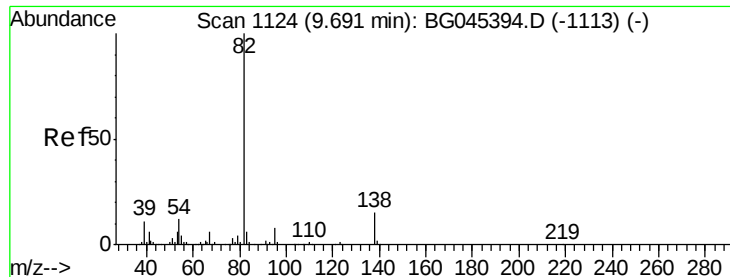
#24
Nitrobenzene
Concen: 46.291 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion	77	Resp	205635
Ion Ratio	Lower	Upper	
77	100		
123	39.5	32.9	49.3
65	13.3	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.705 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

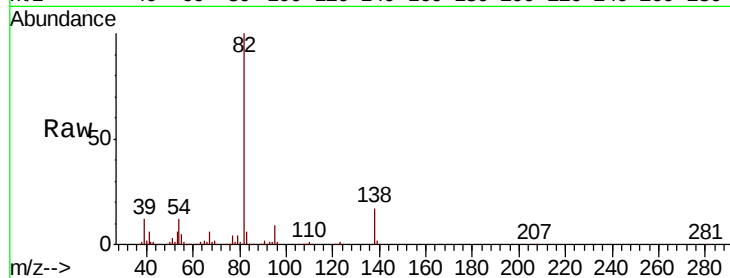
Tot Ion: 82 Resp: 389528

Ion Ratio Lower Upper

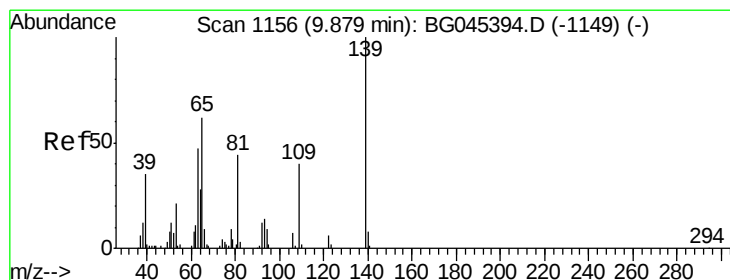
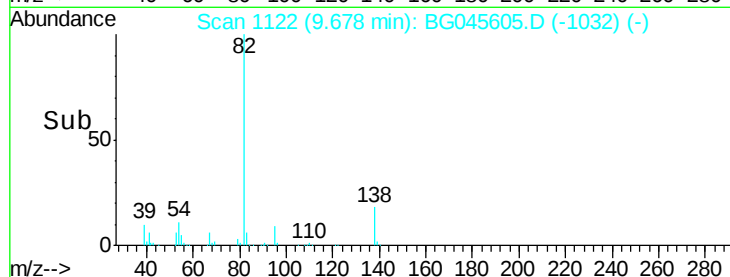
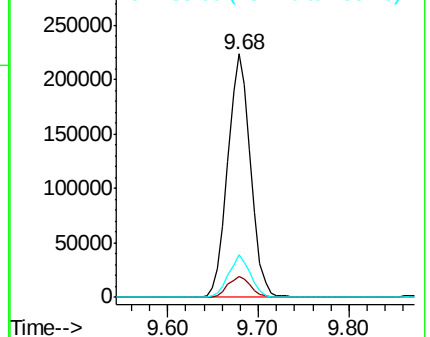
82 100

95 8.6 6.7 10.1

138 17.5 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: 49.782 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

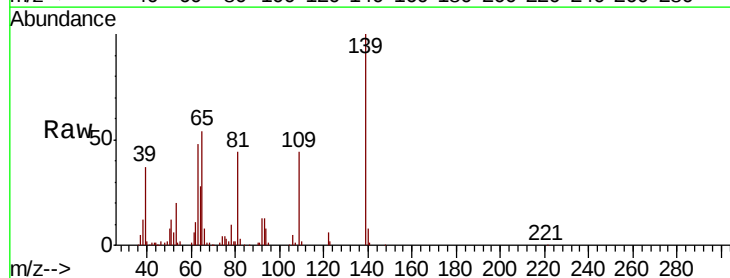
Tgt Ion: 139 Resp: 94600

Ion Ratio Lower Upper

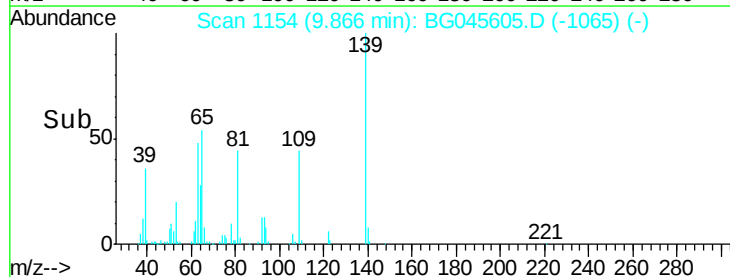
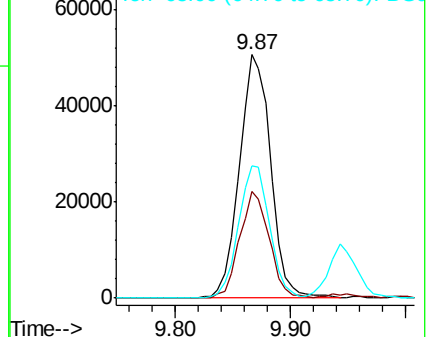
139 100

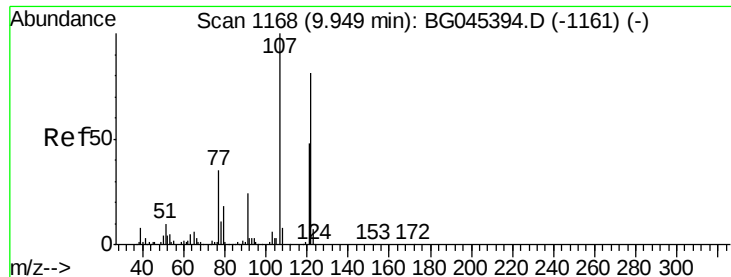
109 43.8 32.2 48.4

65 54.4 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

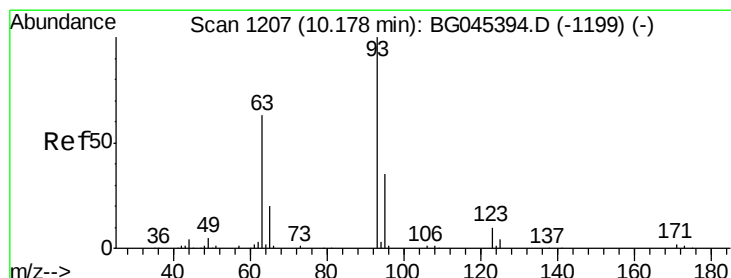
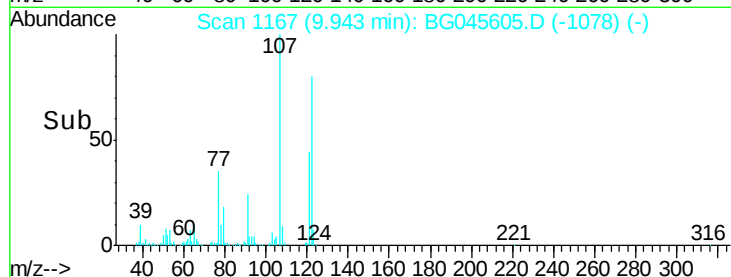
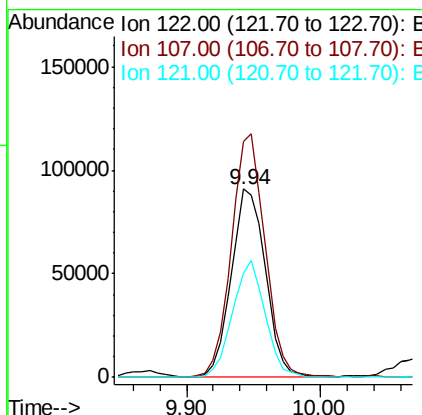
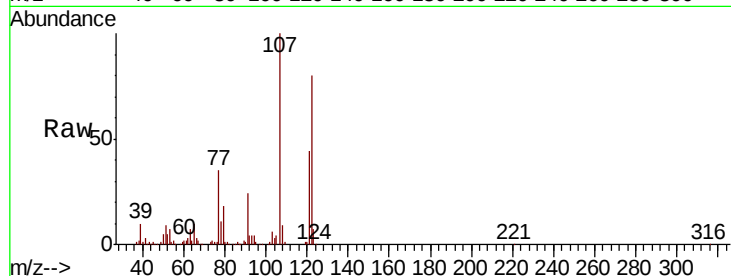




#27
2,4-Dimethylphenol
Concen: 57.744 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

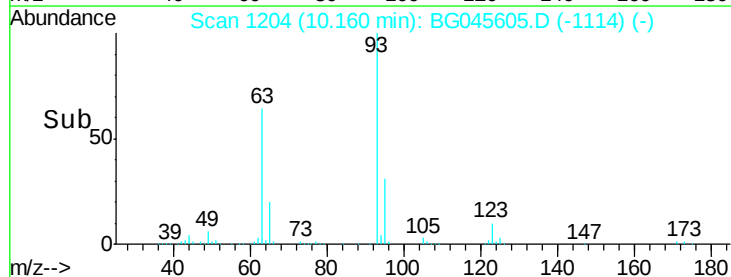
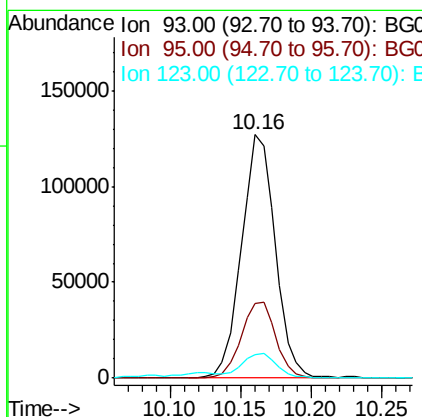
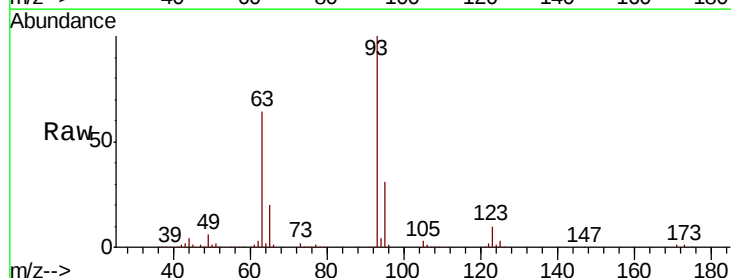
Instrument :
BNA_G
ClientSampleId :
PB129255BS

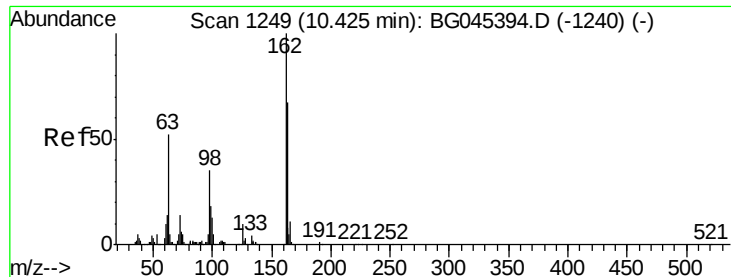
Tot Ion:122 Resp: 162747
Ion Ratio Lower Upper
122 100
107 125.3 99.0 148.4
121 55.5 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 49.250 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion: 93 Resp: 210897
Ion Ratio Lower Upper
93 100
95 30.6 27.6 41.4
123 9.5 8.1 12.1

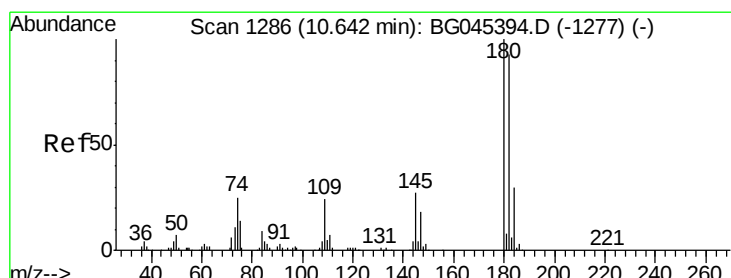
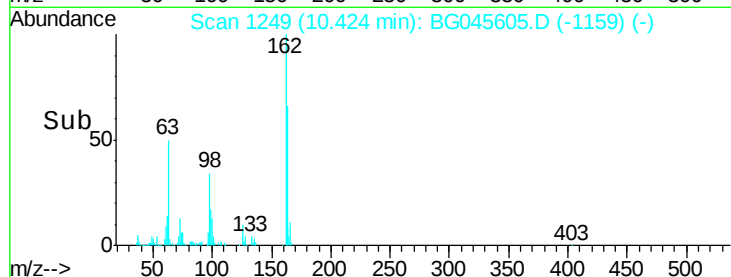
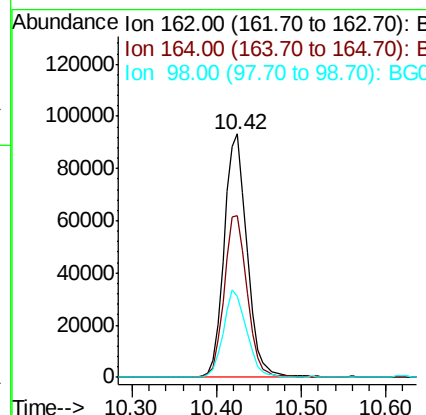
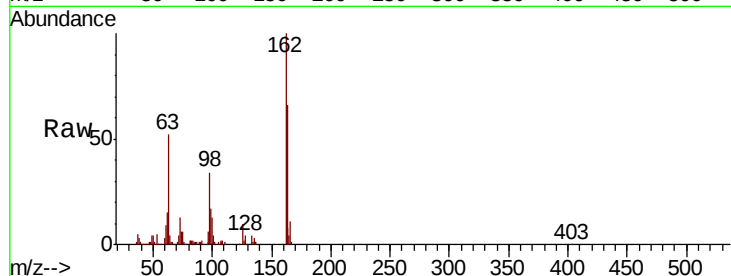




#29
 2,4-Dichlorophenol
 Concen: 52.988 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

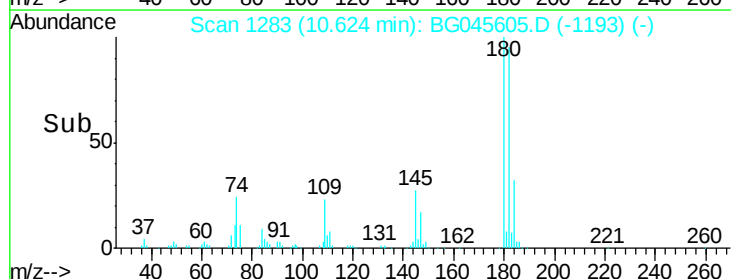
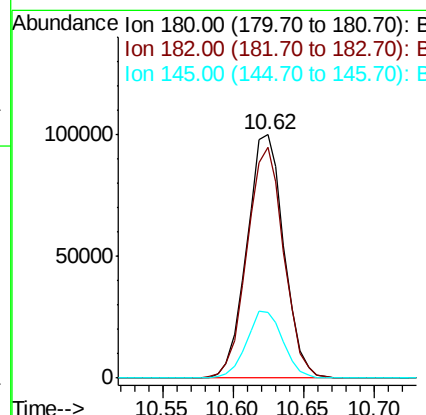
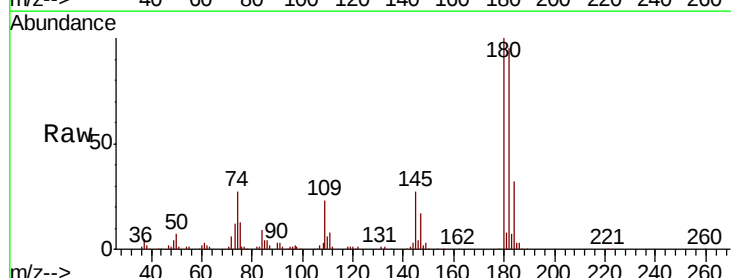
Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

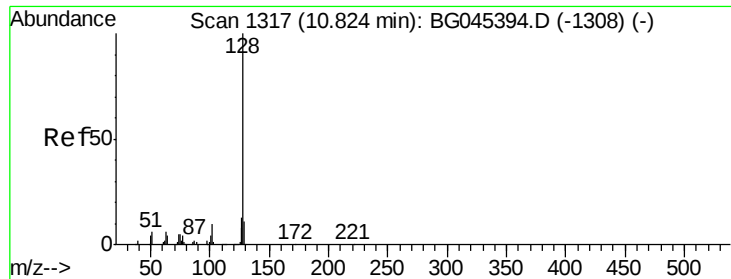
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.8	86.8
98	33.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.624 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.8	112.2
145	27.2	21.9	32.9

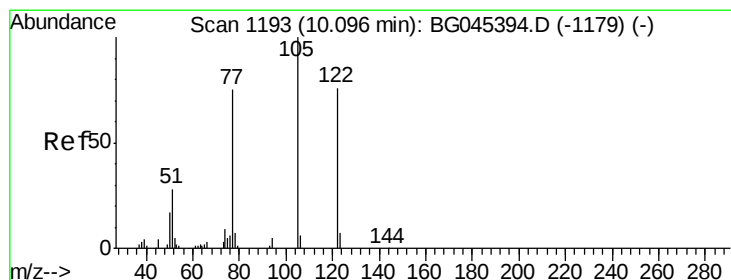
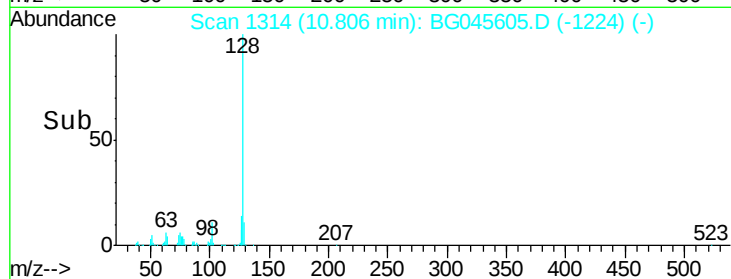
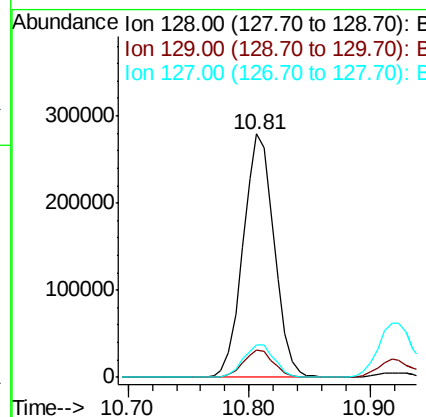
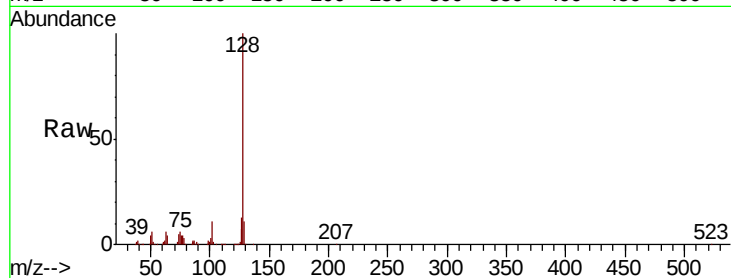




#31
Naphthalene
Concen: 47.522 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

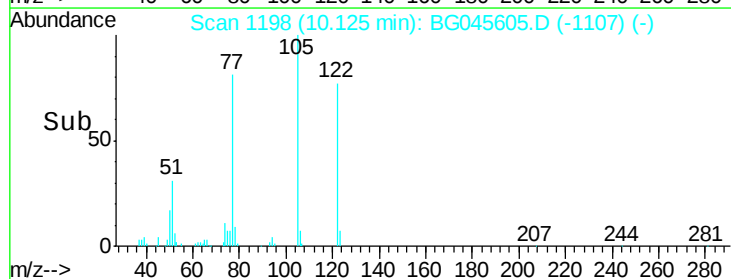
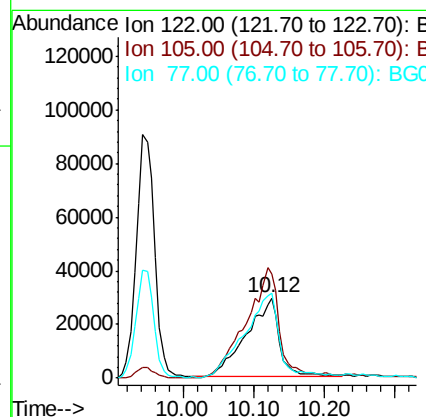
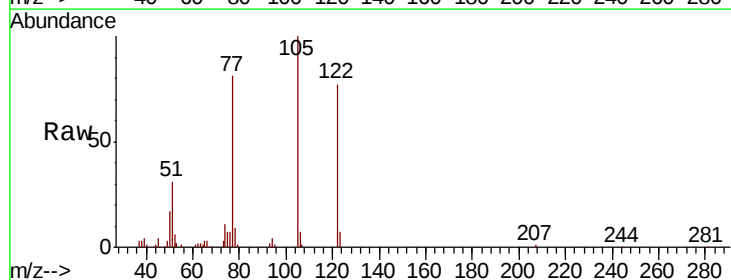
Instrument :
BNA_G
ClientSampleId :
PB129255BS

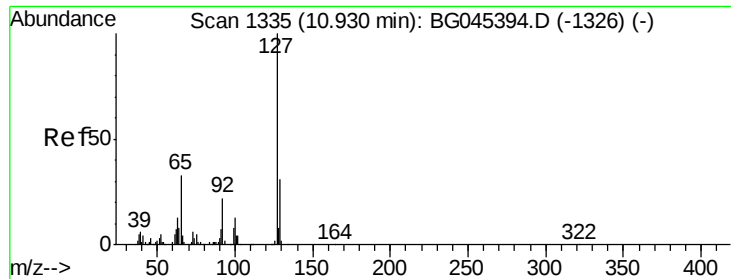
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.7	16.1



#32
Benzoic acid
Concen: 50.264 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	107.9	147.9
77	105.5	78.9	118.9

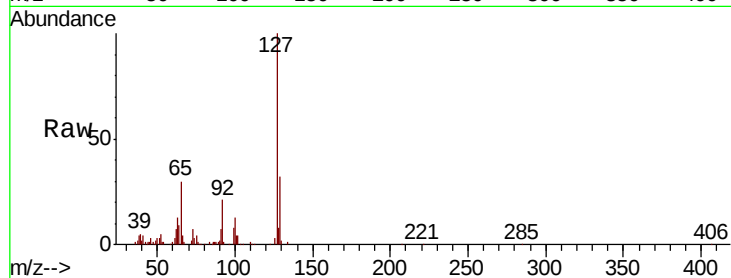




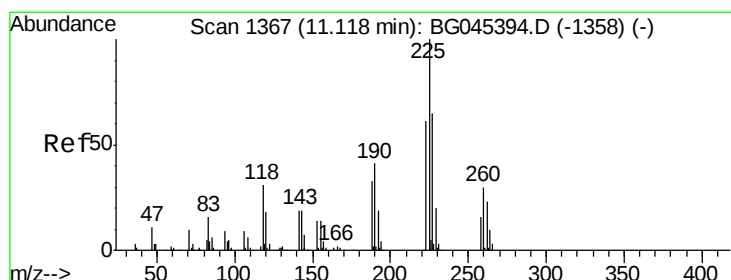
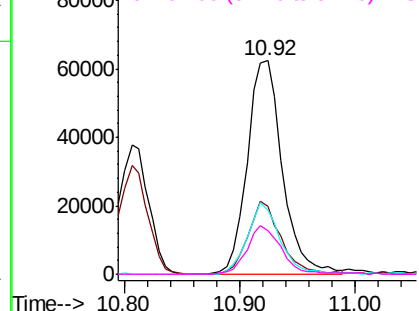
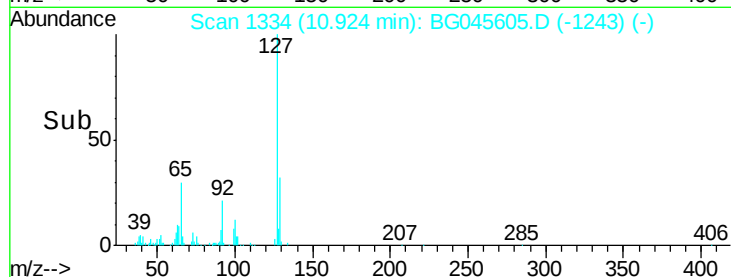
#33
4-Chloroaniline
Concen: 29.924 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:127 Resp: 131786
Ion Ratio Lower Upper
127 100
129 31.6 24.7 37.1
65 30.0 26.2 39.2
92 20.7 17.9 26.9

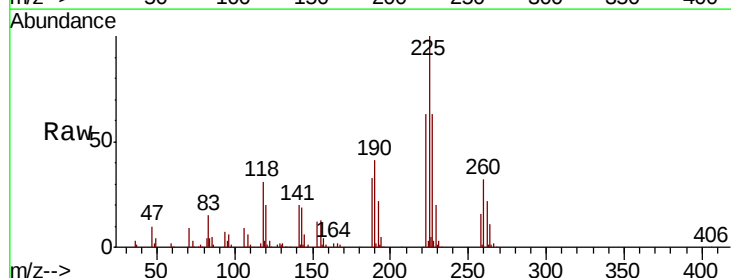


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

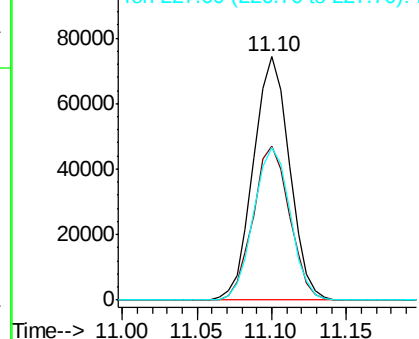
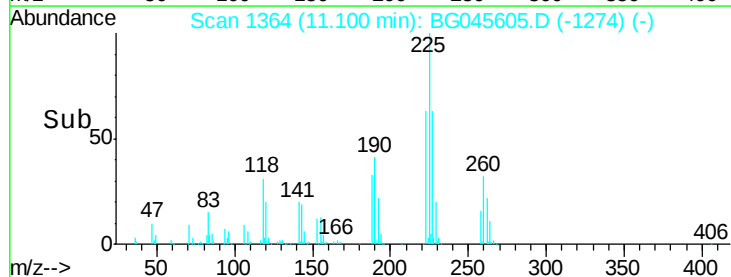


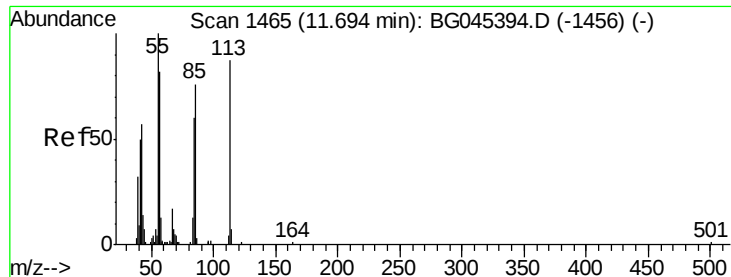
#34
Hexachlorobutadiene
Concen: 44.651 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:225 Resp: 124128
Ion Ratio Lower Upper
225 100
223 63.1 49.1 73.7
227 62.9 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: 31.074 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

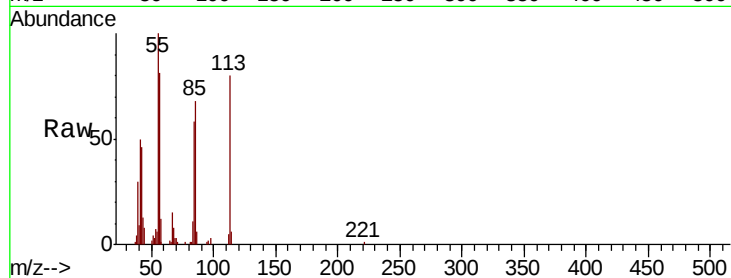
Tot Ion:113 Resp: 37961

Ion Ratio Lower Upper

113 100

55 125.6 96.0 136.0

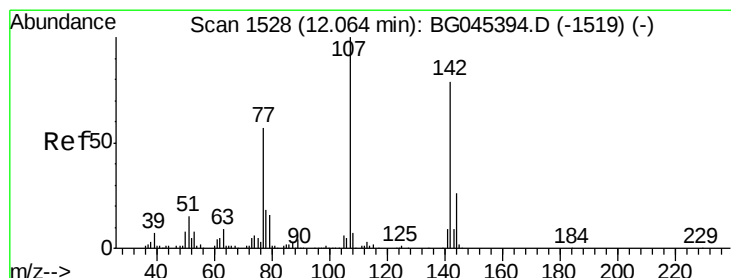
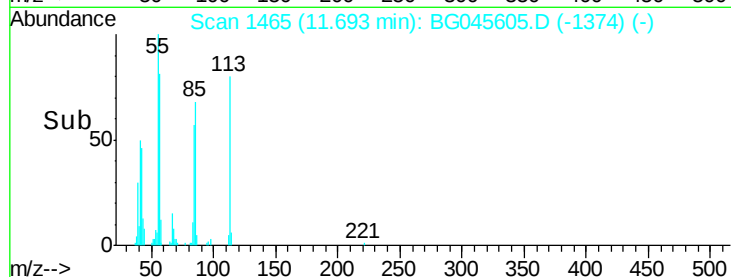
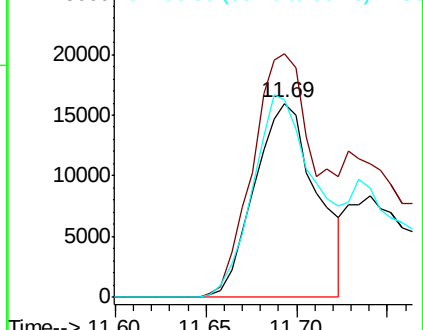
56 102.0 75.1 115.1



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: 56.403 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

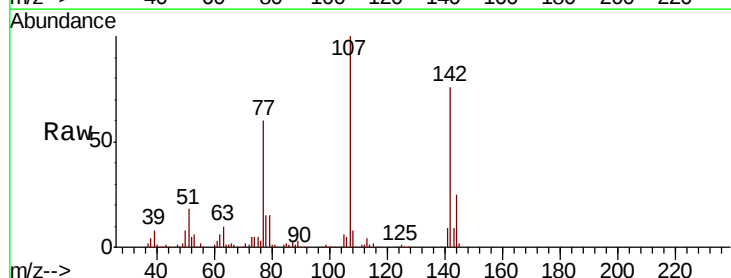
Tgt Ion:107 Resp: 211532

Ion Ratio Lower Upper

107 100

144 25.2 20.8 31.2

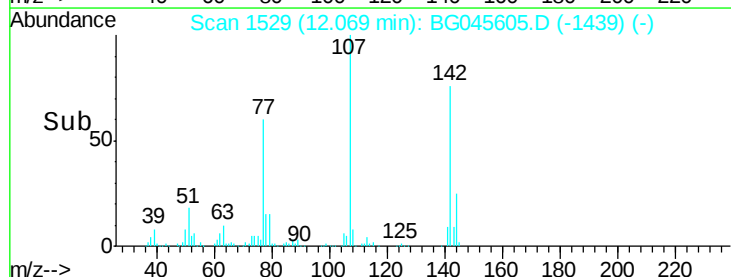
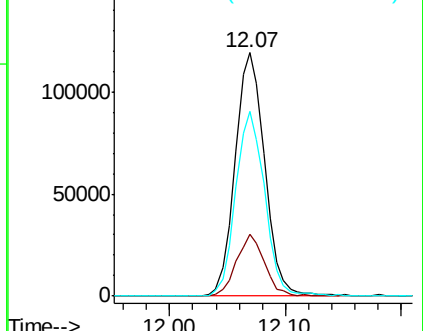
142 75.8 62.8 94.2

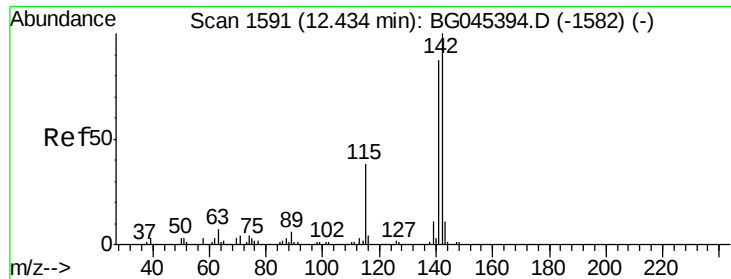


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

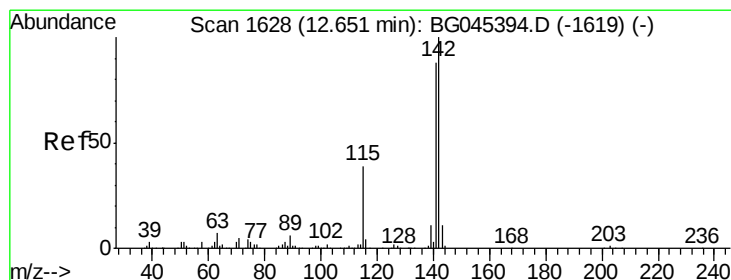
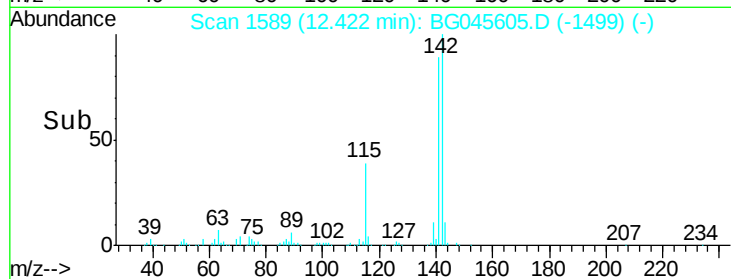
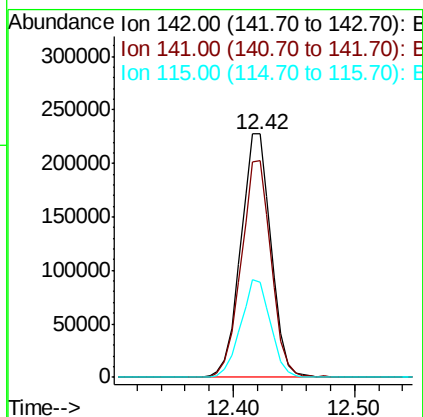
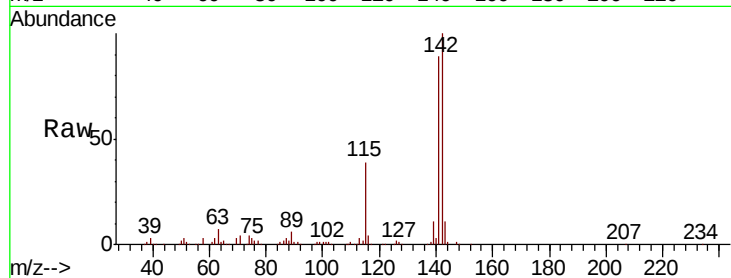




#37
2-Methylnaphthalene
Concen: 50.570 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

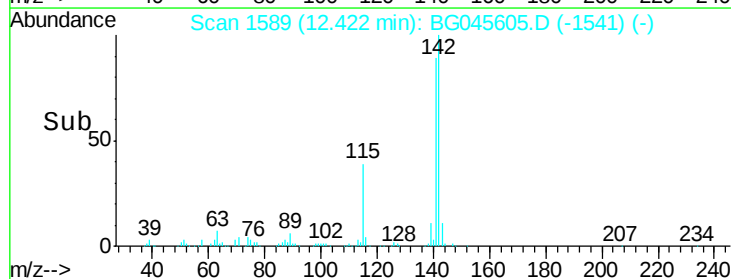
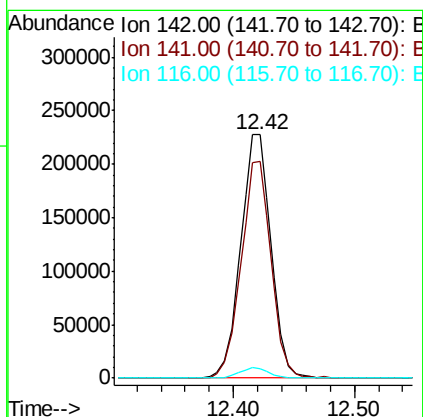
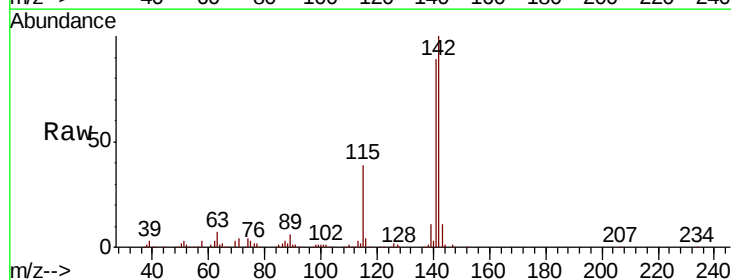
Instrument :
BNA_G
ClientSampleId :
PB129255BS

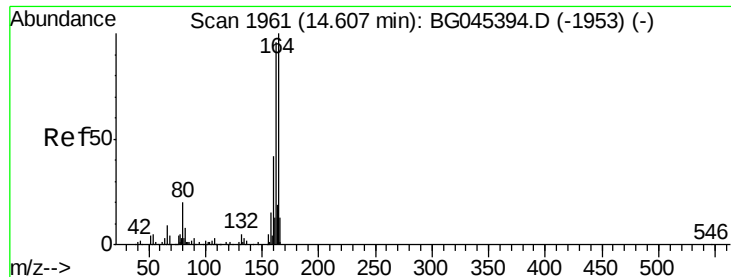
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0
115	38.9	30.8	46.2



#38
1-Methylnaphthalene
Concen: 53.535 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.22 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
116	3.8	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: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

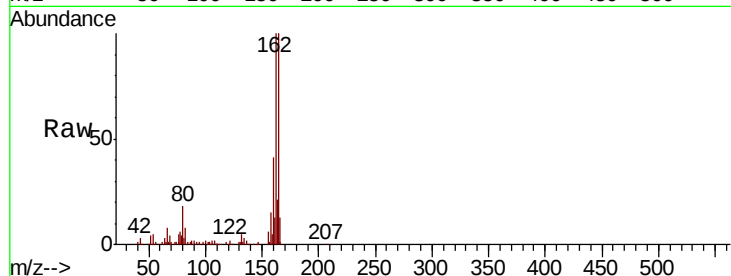
Tot Ion:164 Resp: 175012

Ion Ratio Lower Upper

164 100

162 100.0 76.9 115.3

160 41.0 33.8 50.8

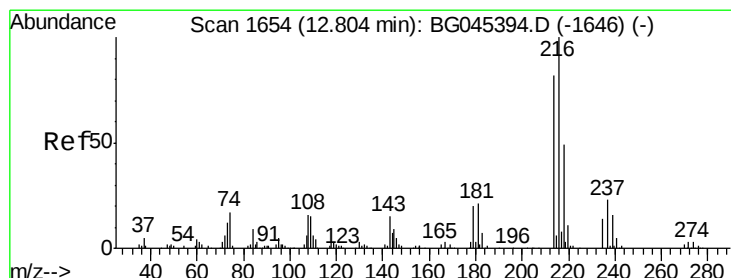
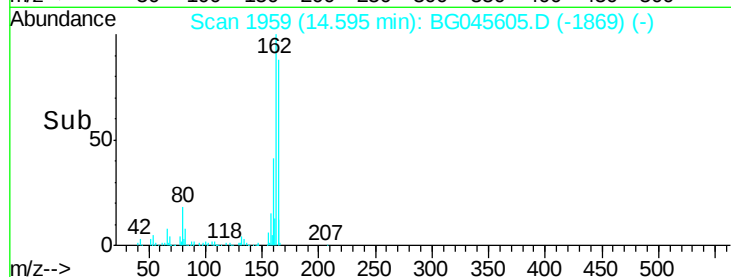
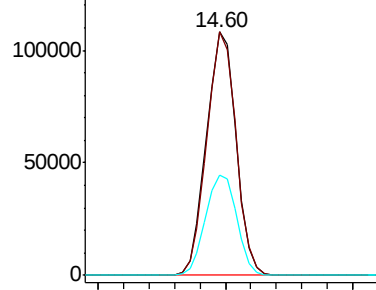


Abundance

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: 46.270 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Tgt Ion:216 Resp: 226183

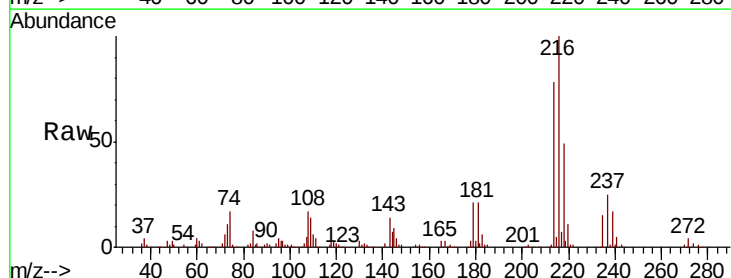
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 20.1 16.1 24.1

108 18.6 13.8 20.6



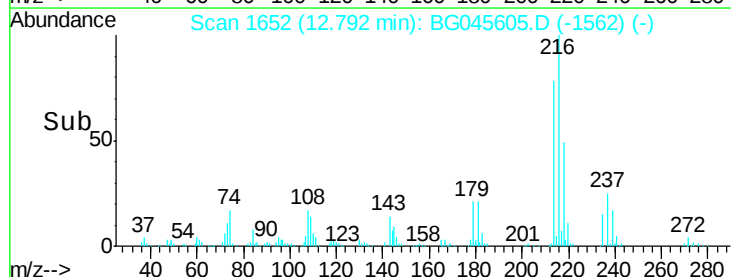
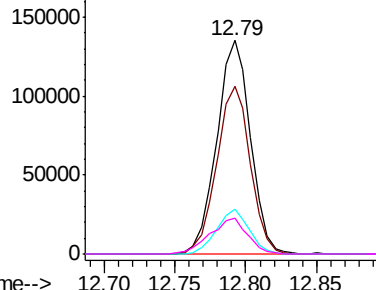
Abundance

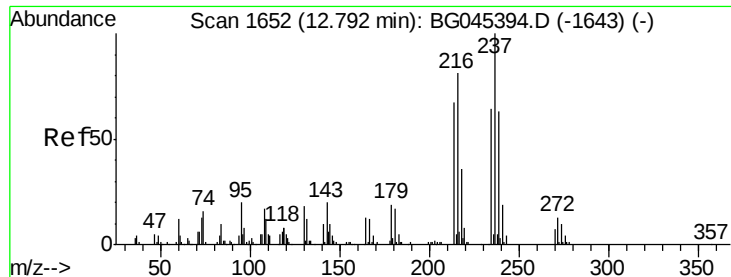
Ion 216.00 (215.70 to 216.70): E

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: 100.816 ng

RT: 12.77 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

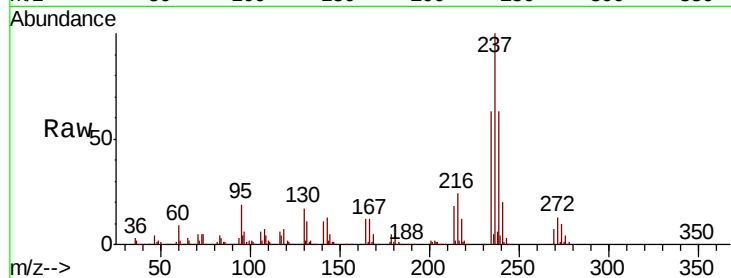
Tot Ion:237 Resp: 284451

Ion Ratio Lower Upper

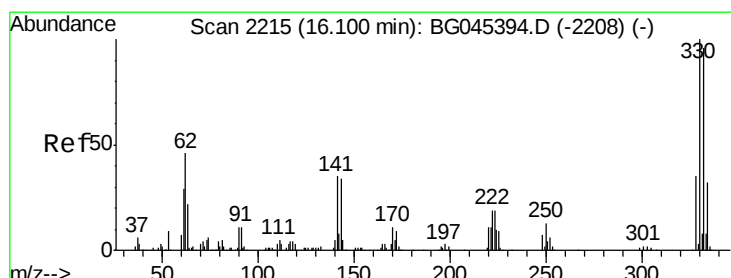
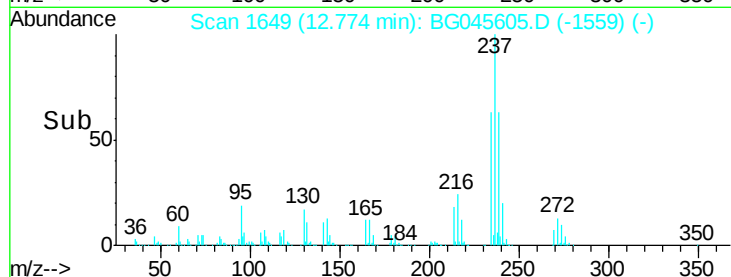
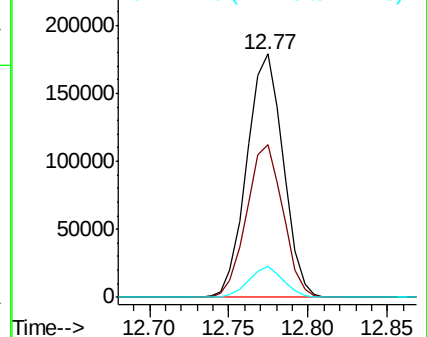
237 100

235 62.6 44.4 84.4

272 12.7 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: 146.617 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

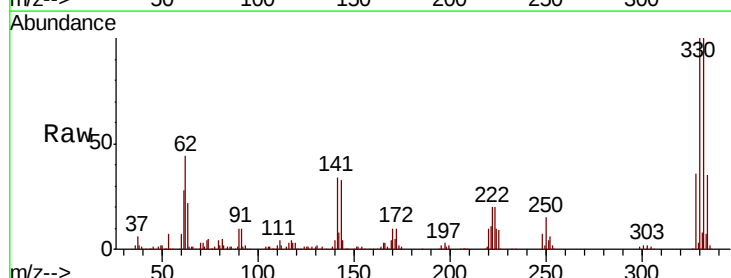
Tgt Ion:330 Resp: 328159

Ion Ratio Lower Upper

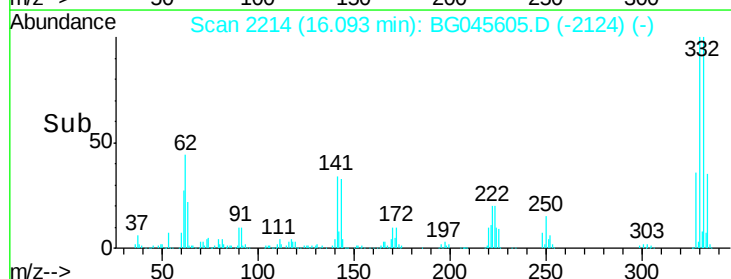
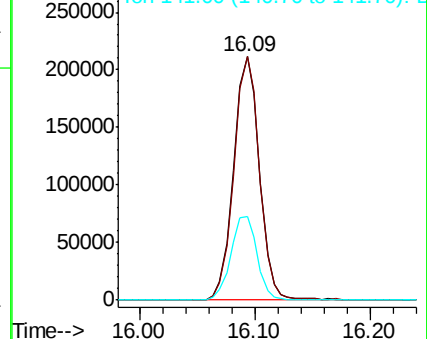
330 100

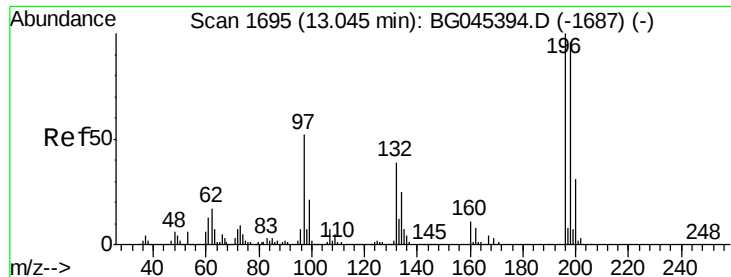
332 98.6 78.2 117.4

141 34.8 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

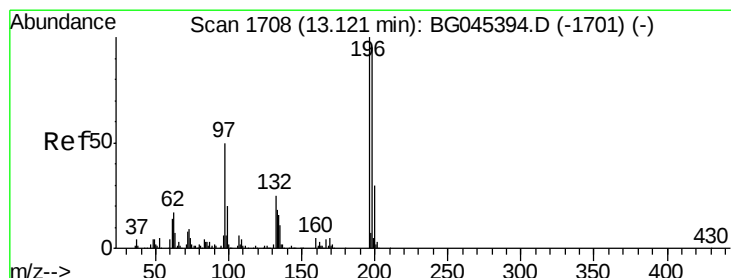
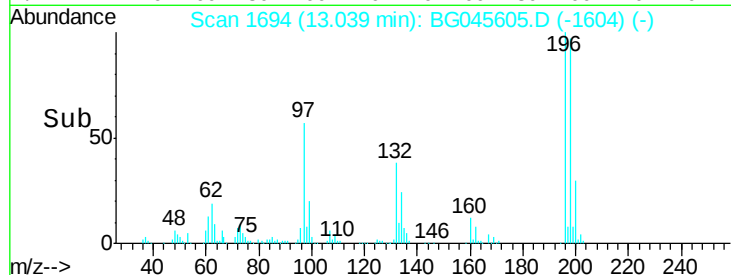
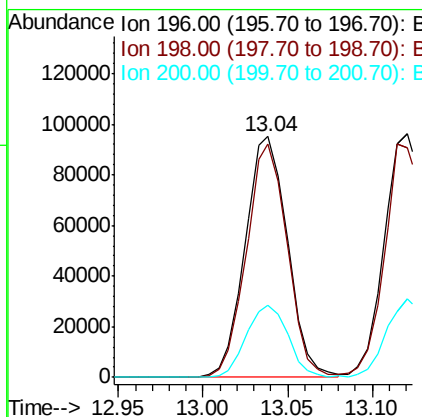
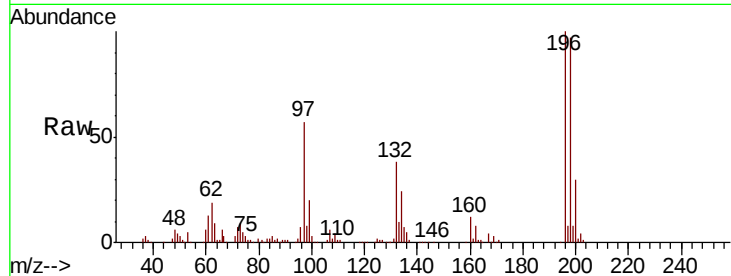




#43
 2,4,6-Trichlorophenol
 Concen: 48.723 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

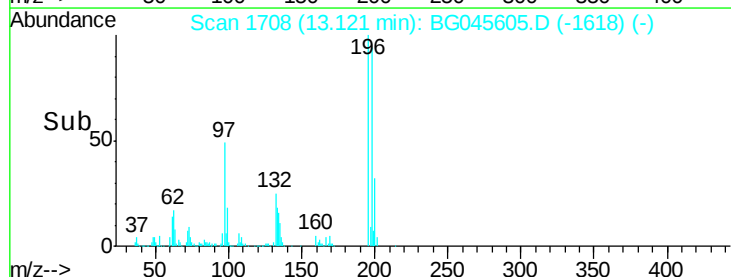
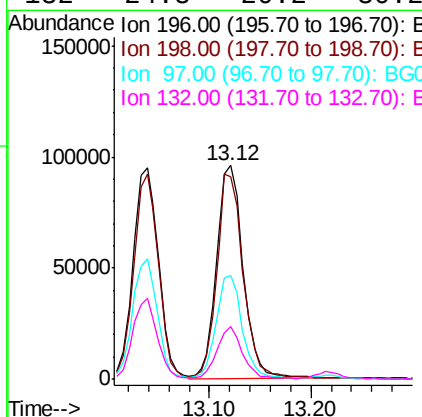
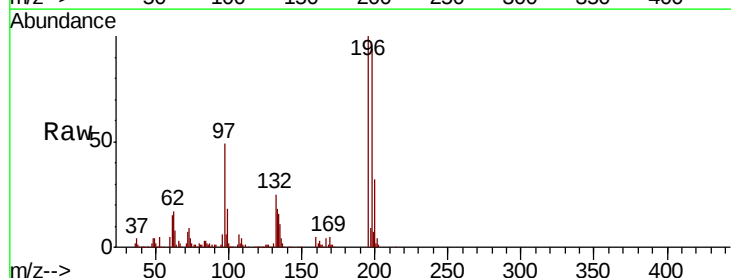
Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

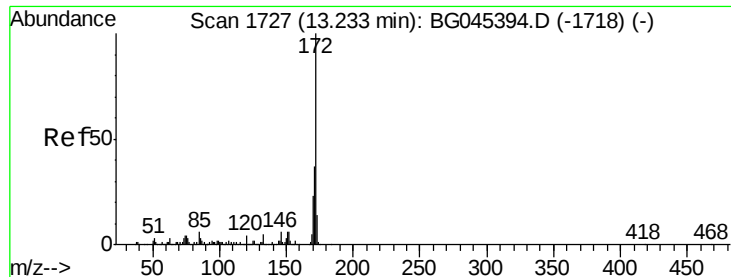
Tot Ion:196 Resp: 165452
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.7 115.1
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.143 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion:196 Resp: 175176
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.1 114.1
 97 48.7 40.0 60.0
 132 24.8 20.2 30.2

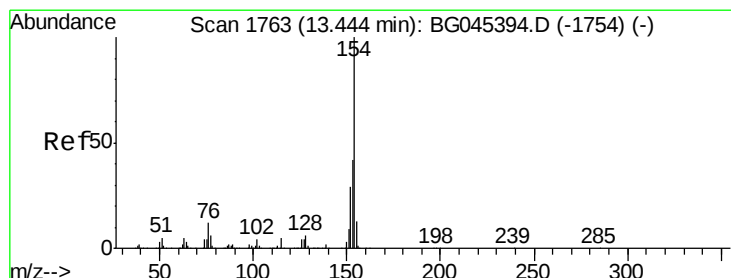
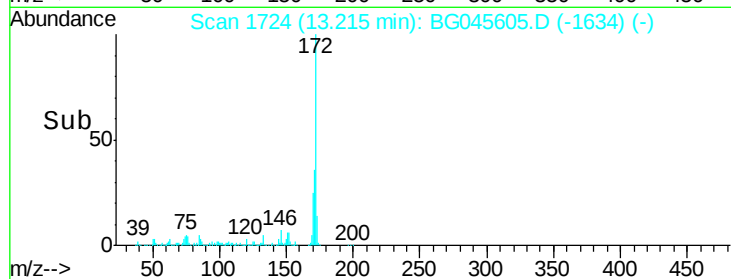
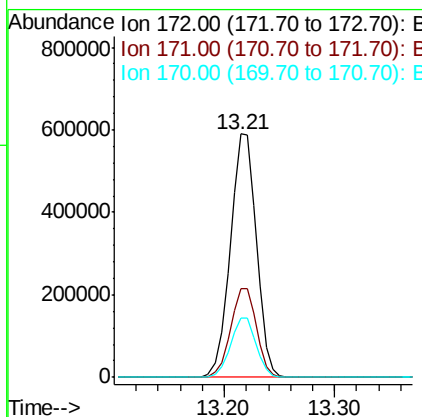
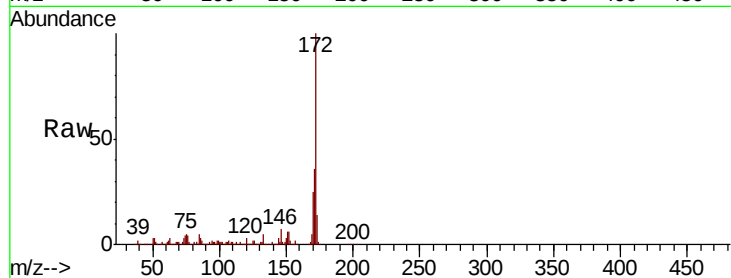




#45
2-Fluorobiphenyl
Concen: 94.741 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

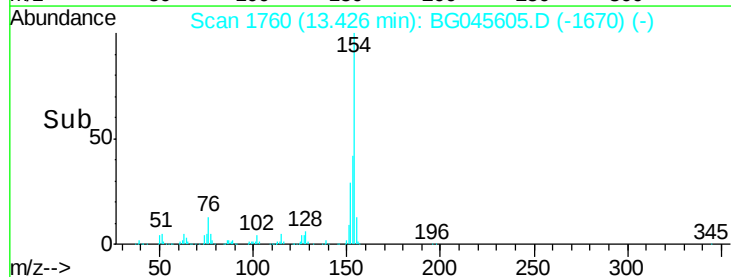
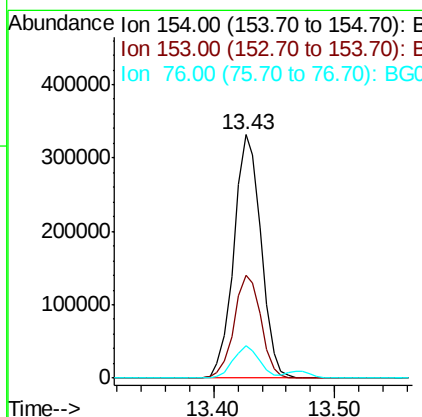
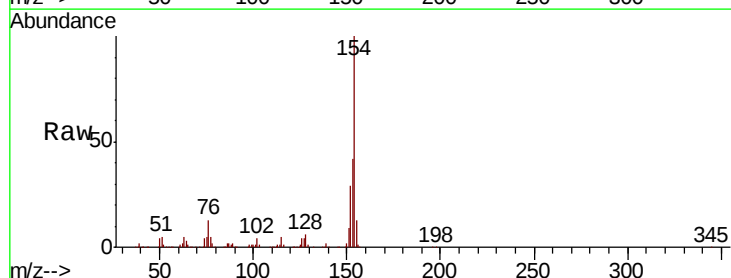
Instrument :
BNA_G
ClientSampleId :
PB129255BS

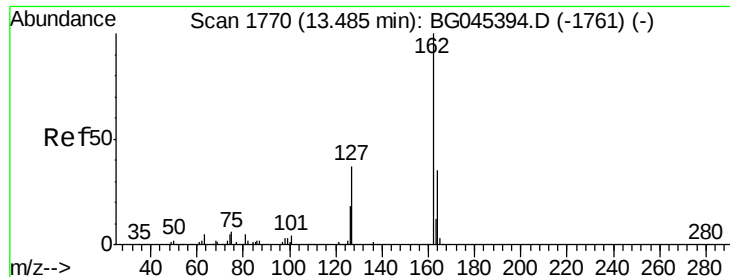
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 48.417 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.2	62.2
76	13.1	0.0	32.4

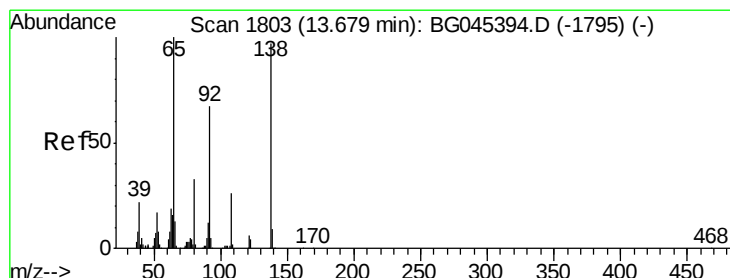
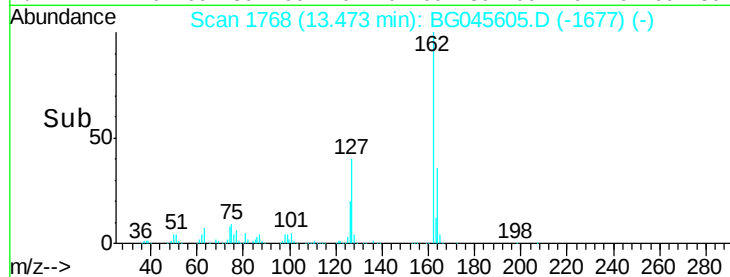
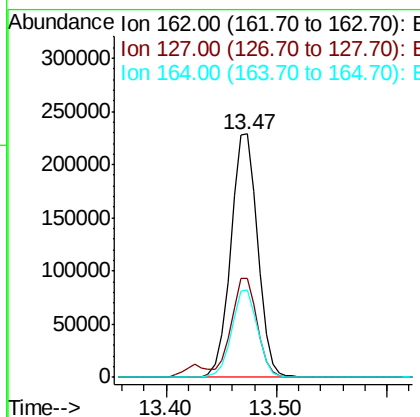
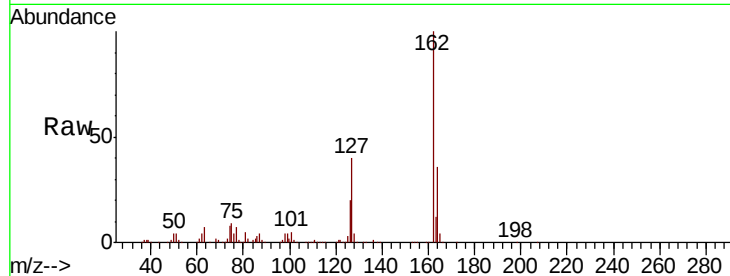




#47
2-Chloronaphthalene
Concen: 44.791 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

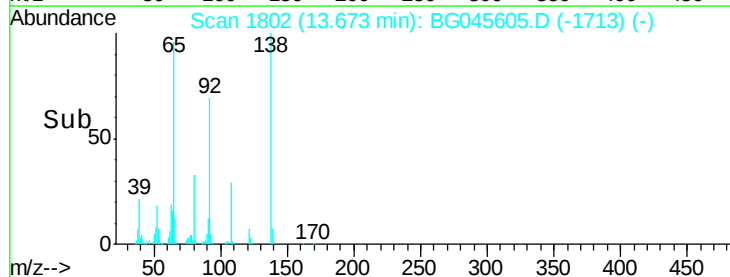
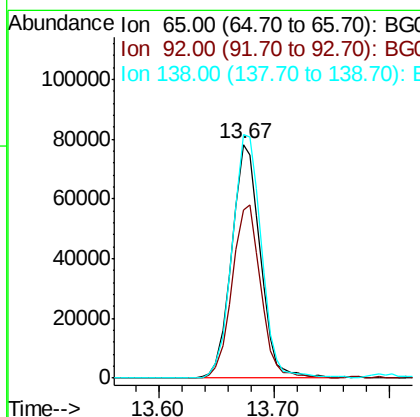
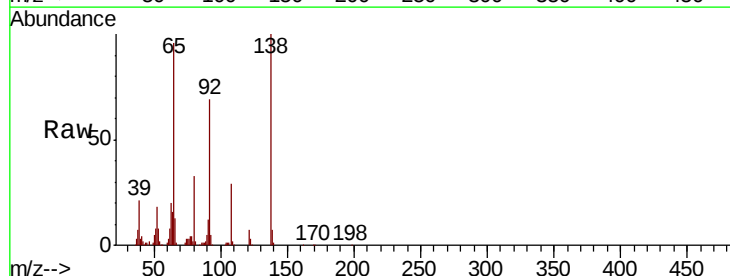
Instrument :
BNA_G
ClientSampleId :
PB129255BS

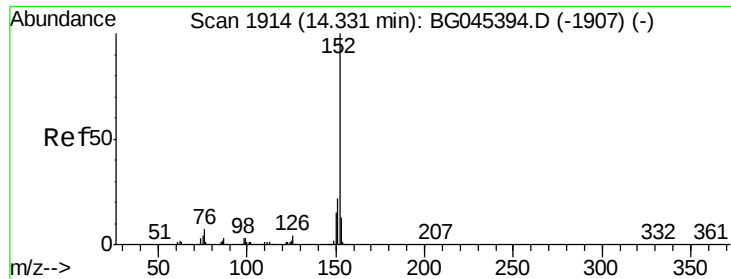
Tot Ion:162	Resp:	391136
Ion Ratio	Lower	Upper
162	100	
127	40.4	31.6 47.4
164	35.8	28.1 42.1



#48
2-Nitroaniline
Concen: 46.606 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion: 65	Resp:	133874
Ion Ratio	Lower	Upper
65	100	
92	72.1	53.8 80.8
138	104.3	77.9 116.9





#49

Acenaphthylene

Concen: 48.105 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

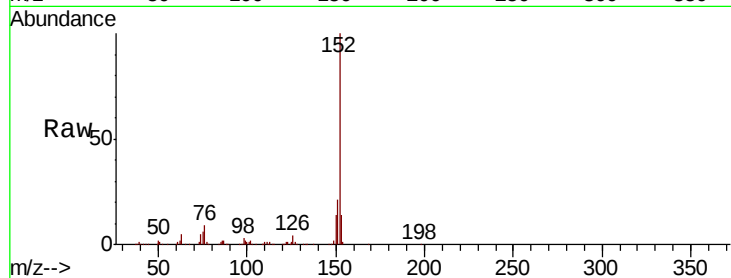
Tot Ion:152 Resp: 674744

Ion Ratio Lower Upper

152 100

151 20.7 17.4 26.2

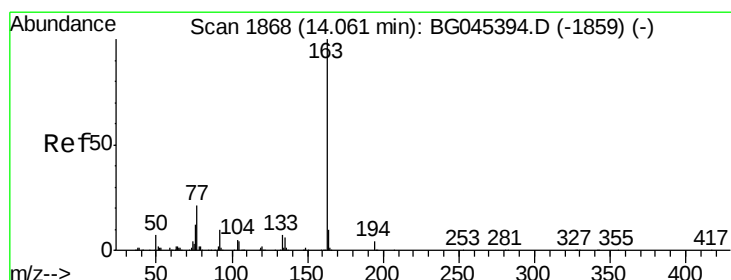
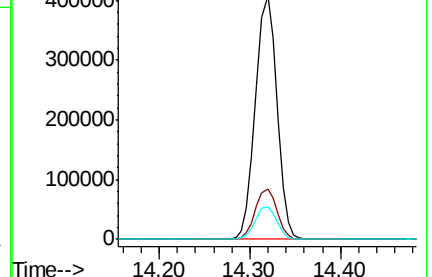
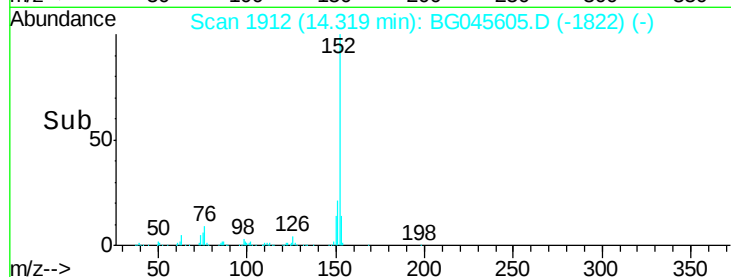
153 13.5 10.7 16.1



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: 47.433 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

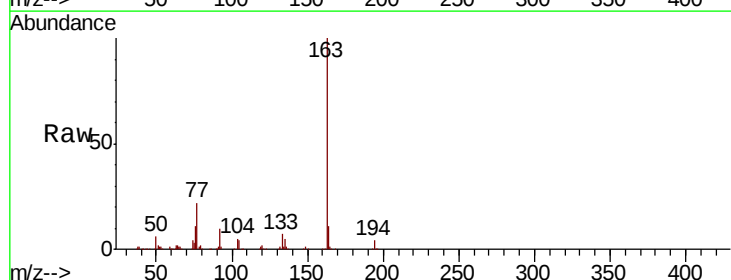
Tgt Ion:163 Resp: 569464

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

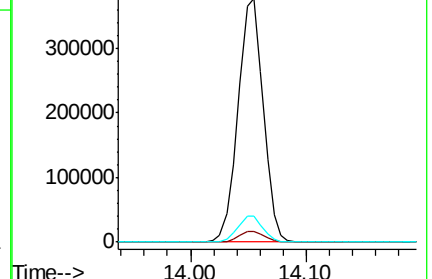
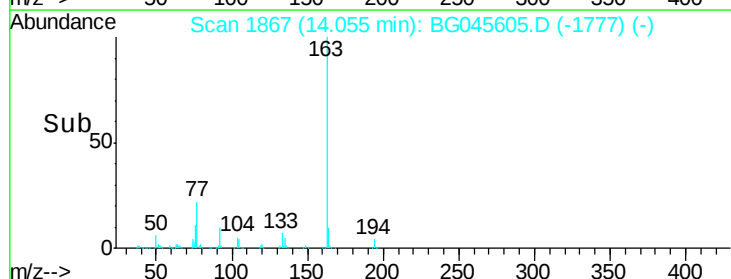
164 10.5 8.3 12.5

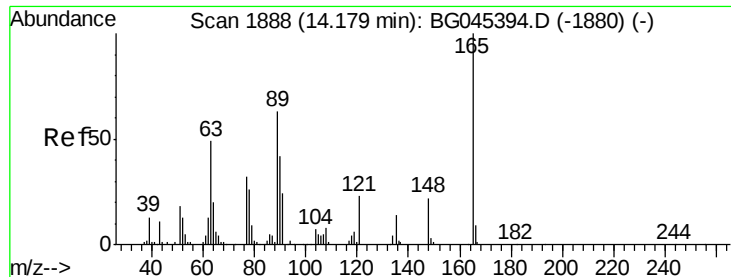


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

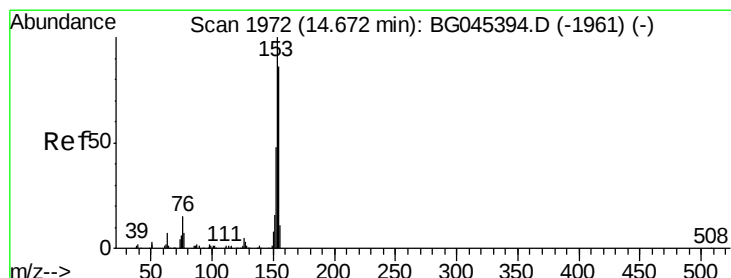
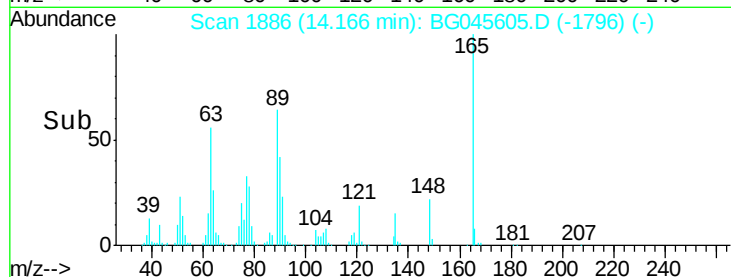
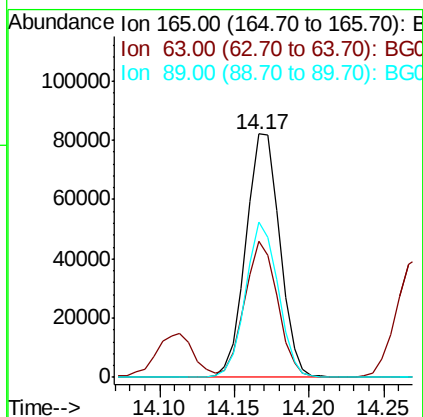
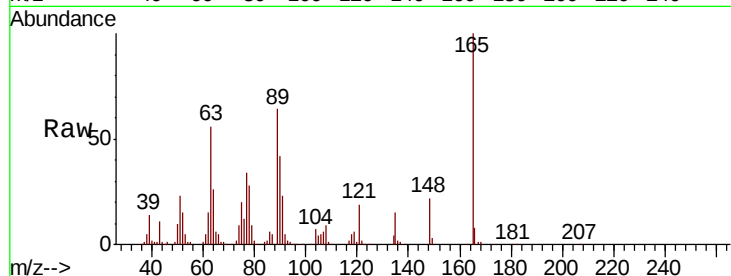




#51
 2,6-Dinitrotoluene
 Concen: 47.667 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

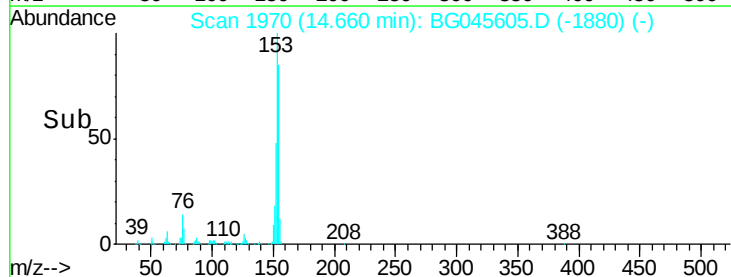
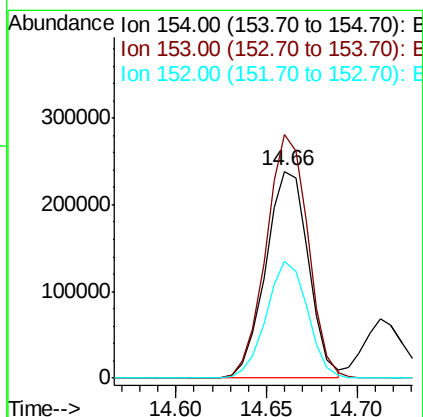
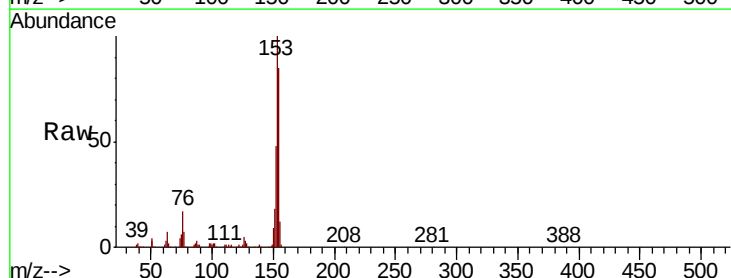
Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

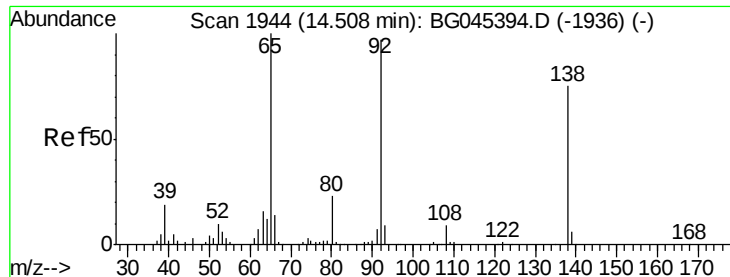
Tot Ion:165 Resp: 129134
 Ion Ratio Lower Upper
 165 100
 63 56.0 45.0 67.4
 89 63.9 50.2 75.4



#52
 Acenaphthene
 Concen: 41.580 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion:154 Resp: 390392
 Ion Ratio Lower Upper
 154 100
 153 117.8 92.8 139.2
 152 56.5 44.6 66.8

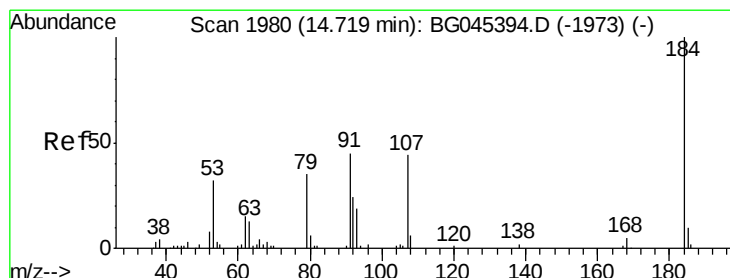
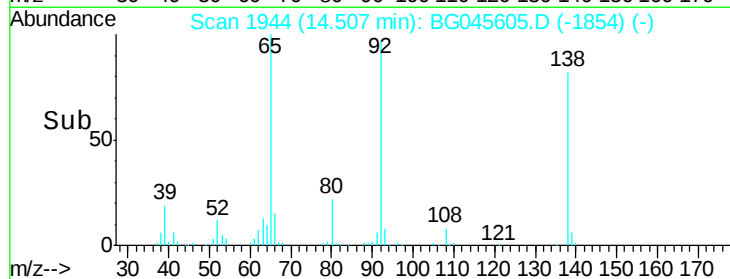
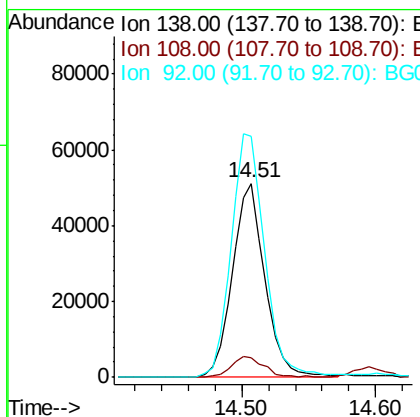
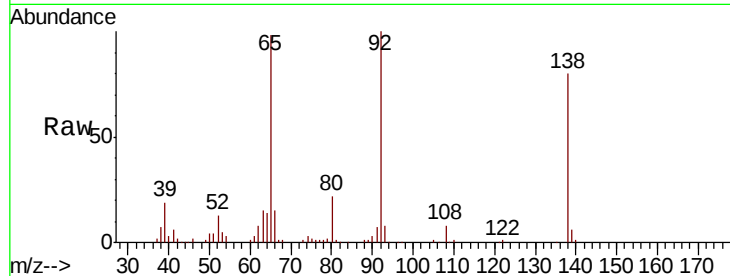




#53
3-Nitroaniline
Concen: 31.404 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

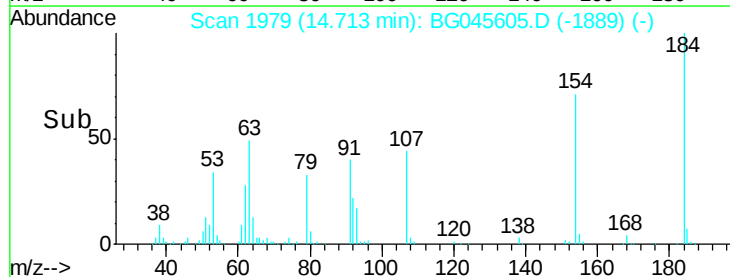
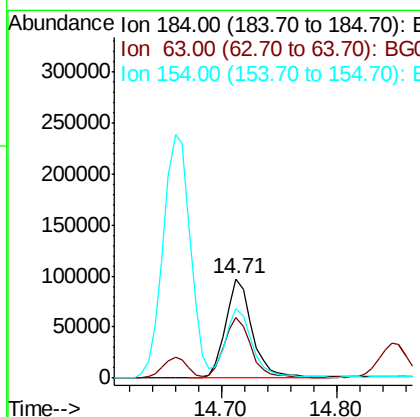
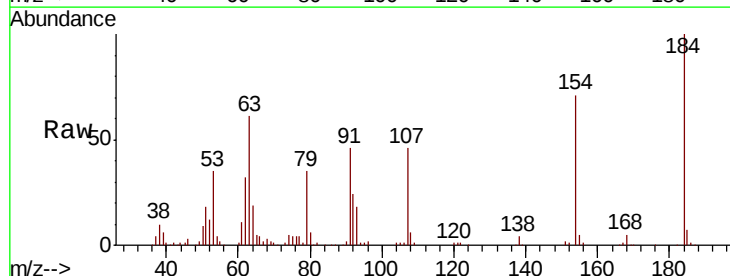
Instrument :
BNA_G
ClientSampleId :
PB129255BS

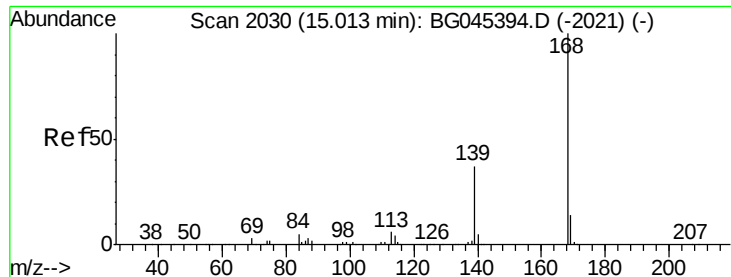
Tot Ion:138 Resp: 86483
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 124.4 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 88.483 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:184 Resp: 158127
Ion Ratio Lower Upper
184 100
63 61.2 47.8 71.6
154 70.6 58.3 87.5

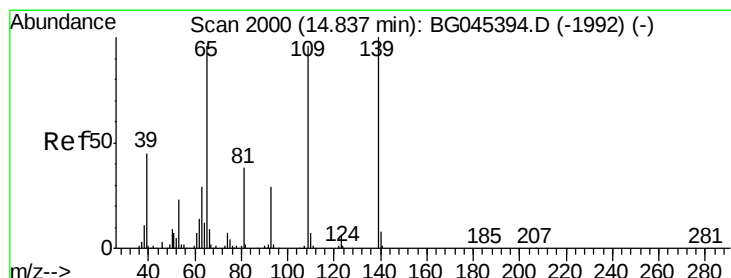
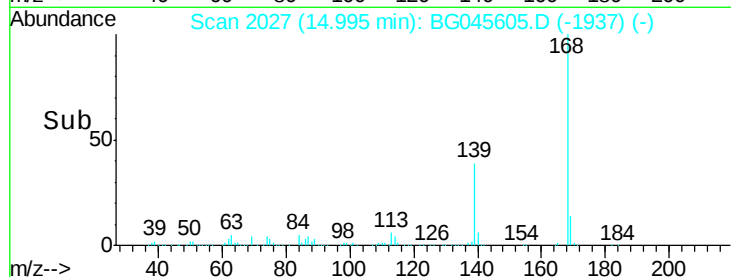
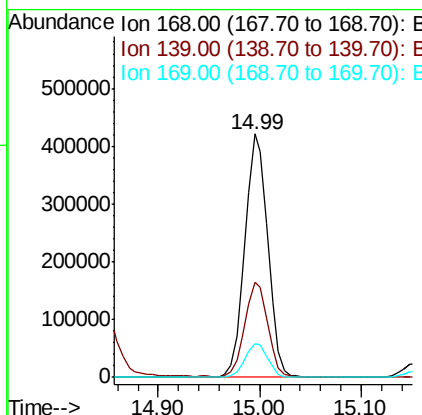
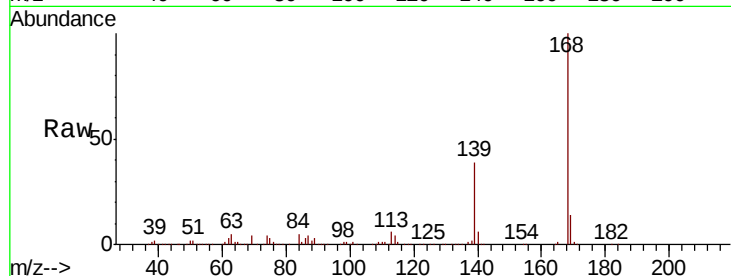




#55
Dibenzofuran
Concen: 47.302 ng
RT: 14.99 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

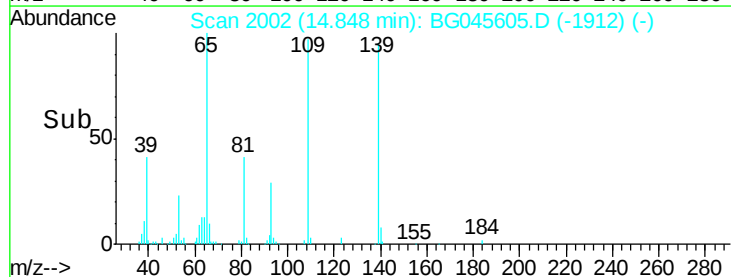
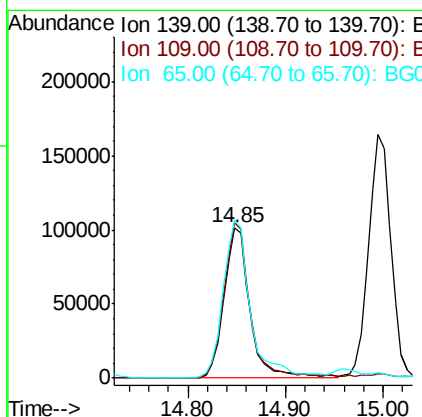
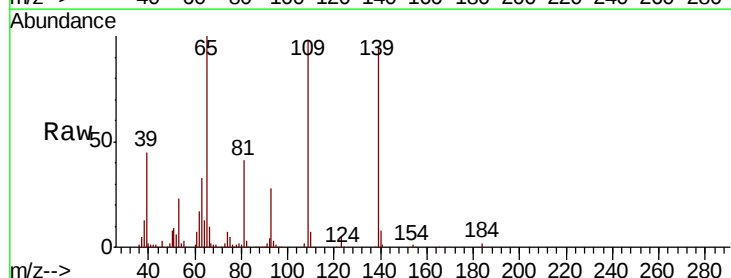
Instrument :
BNA_G
ClientSampleId :
PB129255BS

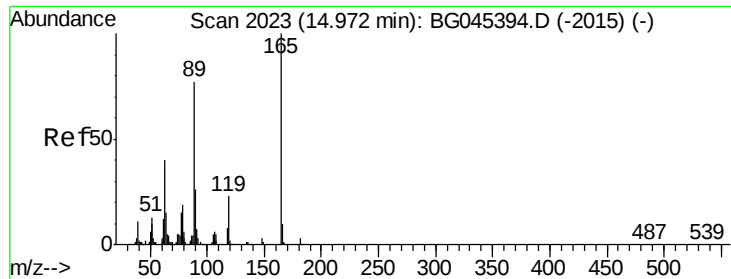
Tot Ion:168 Resp: 659520
Ion Ratio Lower Upper
168 100
139 39.0 29.9 44.9
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 89.819 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:139 Resp: 187271
Ion Ratio Lower Upper
139 100
109 103.0 75.6 115.6
65 105.2 76.8 116.8

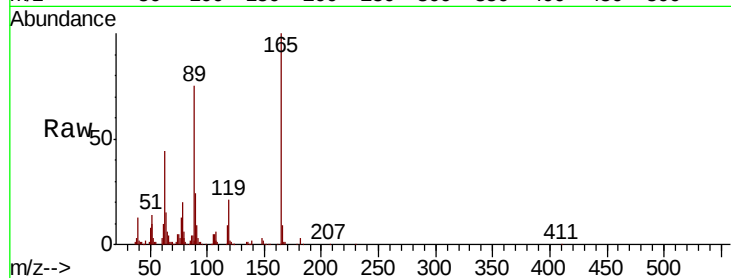




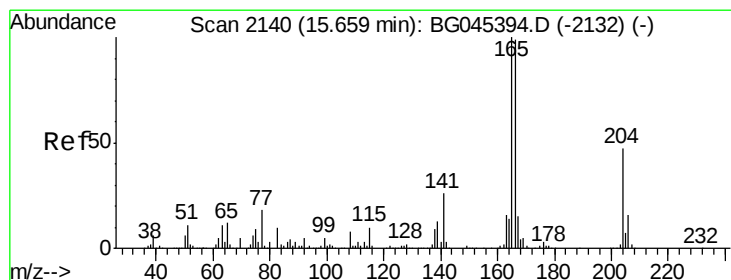
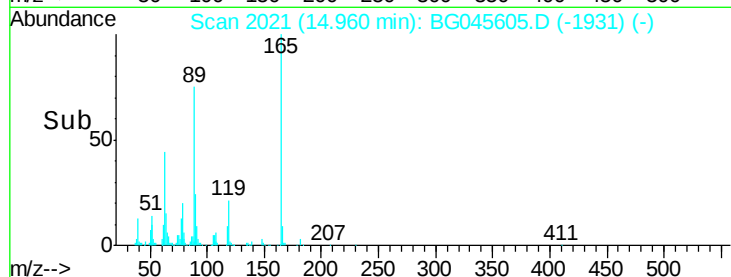
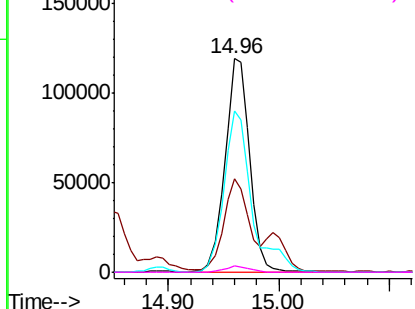
#57
2,4-Dinitrotoluene
Concen: 47.244 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:165 Resp: 185360
Ion Ratio Lower Upper
165 100
63 43.7 32.5 48.7
89 75.4 61.8 92.6
182 3.1 2.3 3.5

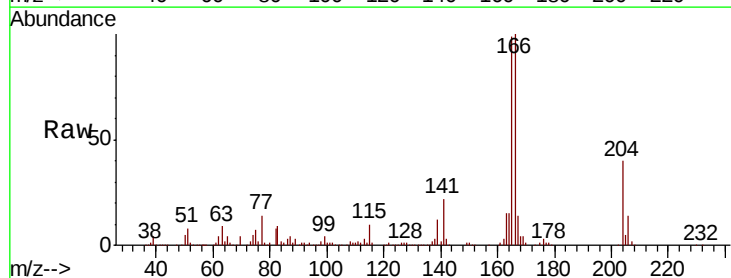


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

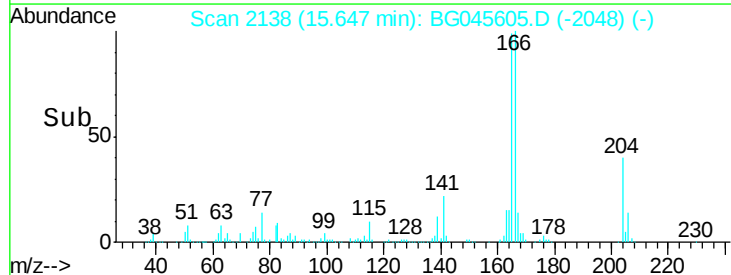
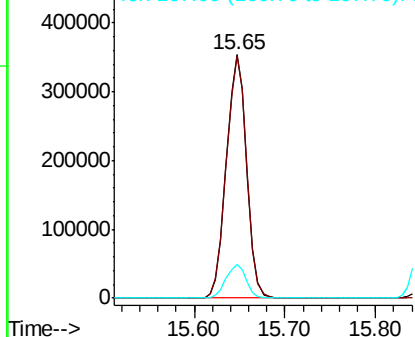


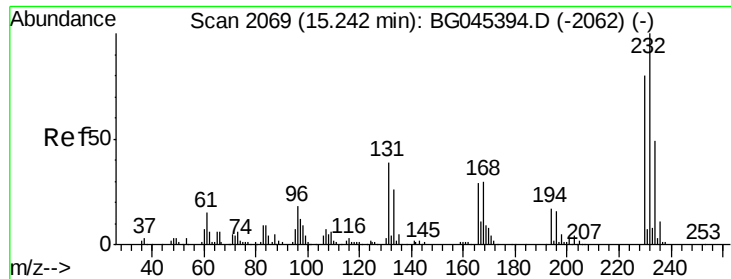
#58
Fluorene
Concen: 47.577 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:166 Resp: 544986
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 14.1 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

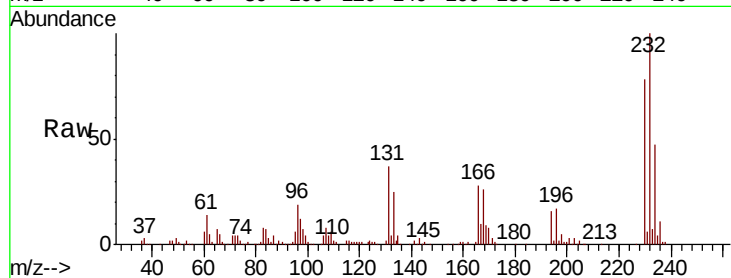




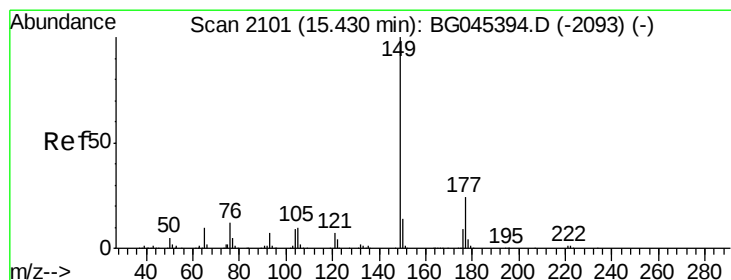
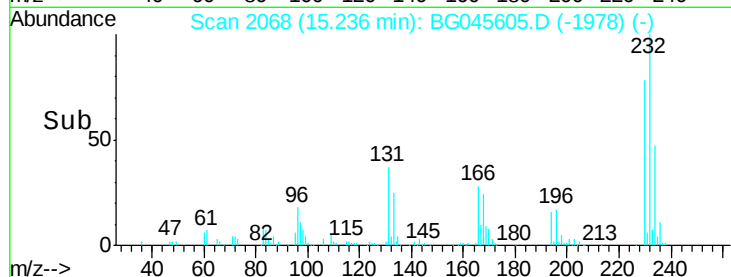
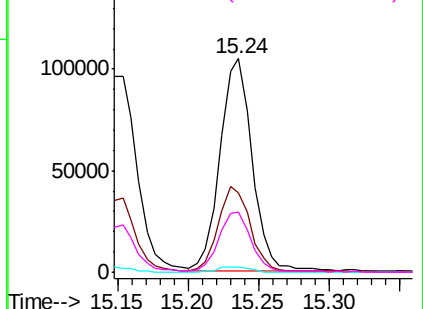
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.468 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion:232	Resp:	165466
Ion	Ratio	Lower Upper
232	100	
131	39.9	33.7 50.5
130	2.6	2.1 3.1
166	28.4	23.2 34.8

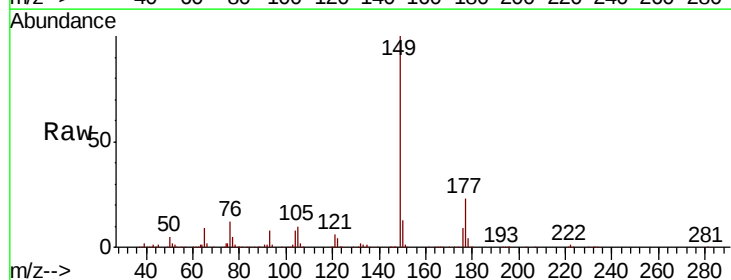


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

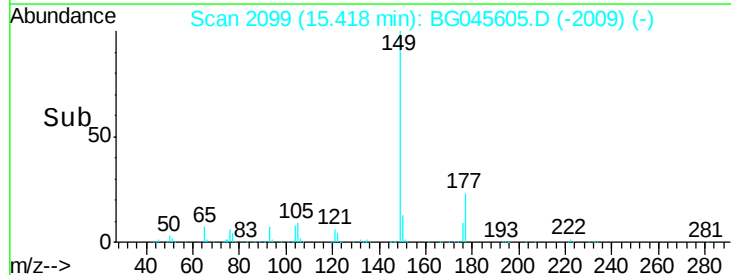
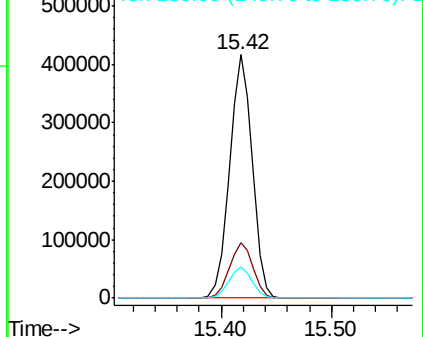


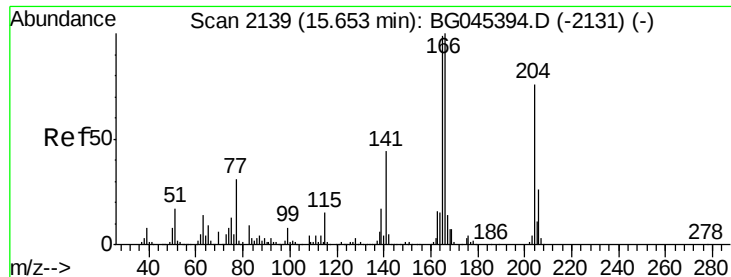
#60
 Diethylphthalate
 Concen: 47.823 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion:149	Resp:	597597
Ion	Ratio	Lower Upper
149	100	
177	22.9	19.0 28.4
150	12.9	11.4 17.0



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

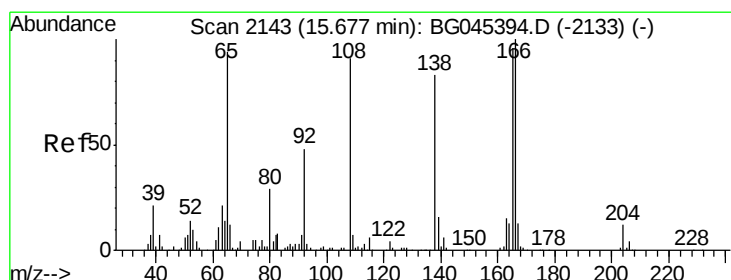
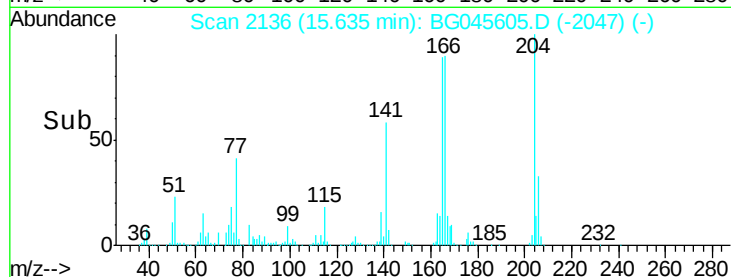
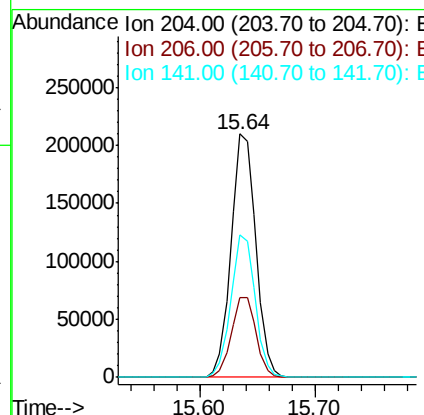
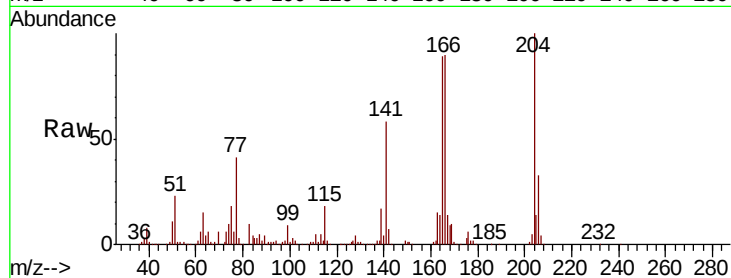




#61
4-Chlorophenyl-phenylether
Concen: 47.448 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

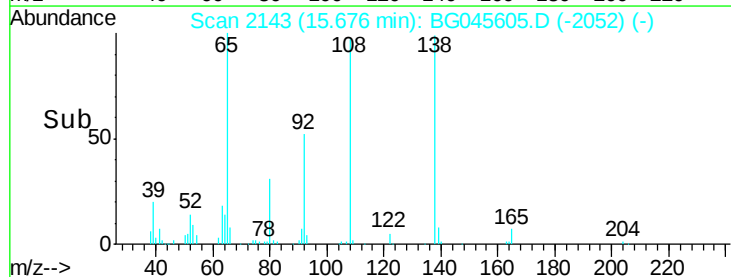
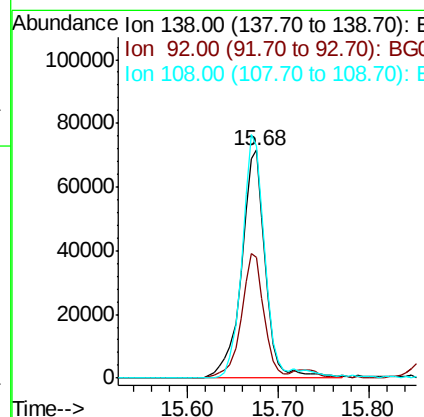
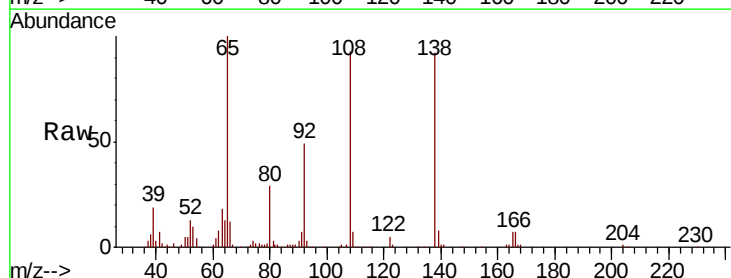
Instrument :
BNA_G
ClientSampleId :
PB129255BS

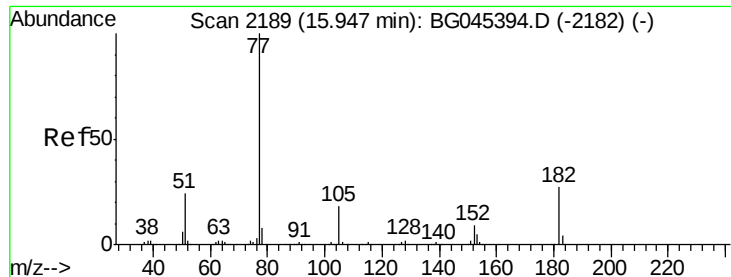
Tot Ion:204 Resp: 311016
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 58.5 45.9 68.9



#62
4-Nitroaniline
Concen: 45.779 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:138 Resp: 131613
Ion Ratio Lower Upper
138 100
92 53.2 38.0 78.0
108 101.7 89.3 129.3

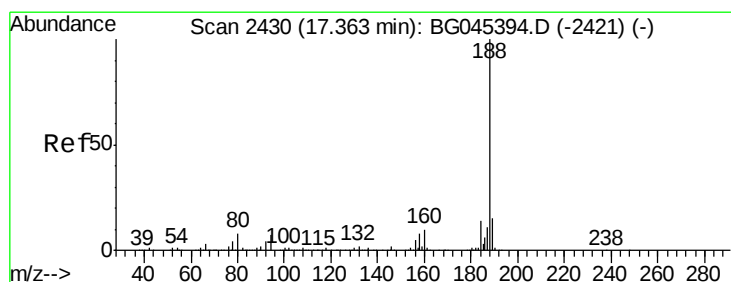
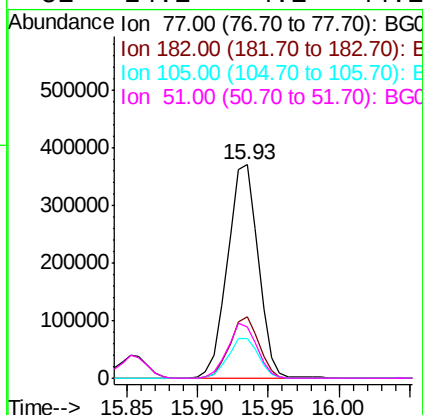
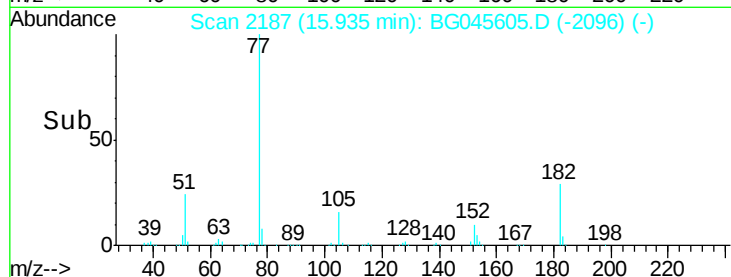
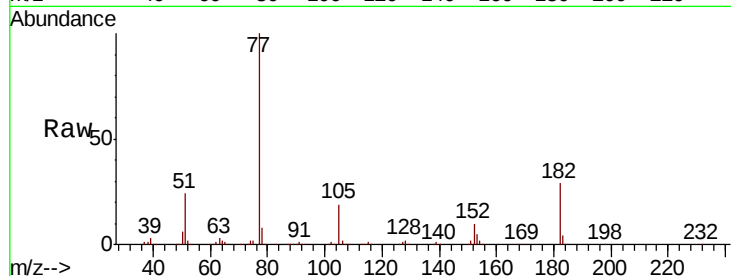




#63
Azobenzene
Concen: 48.134 ng
RT: 15.93 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

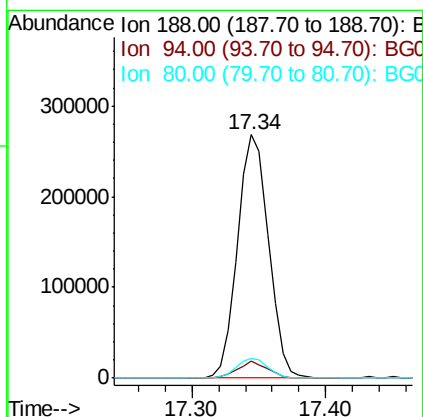
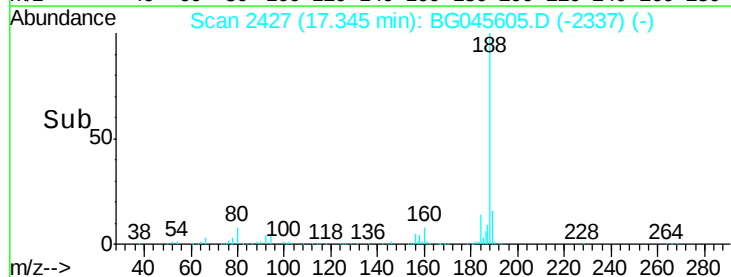
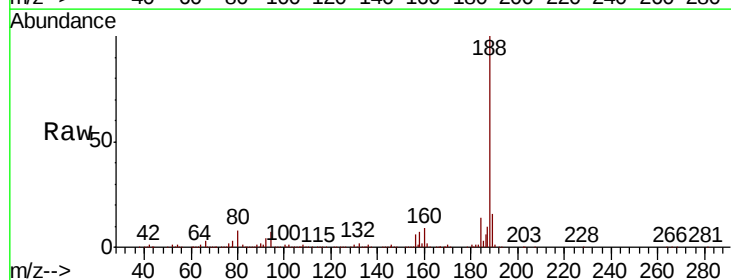
Instrument :
BNA_G
ClientSampleId :
PB129255BS

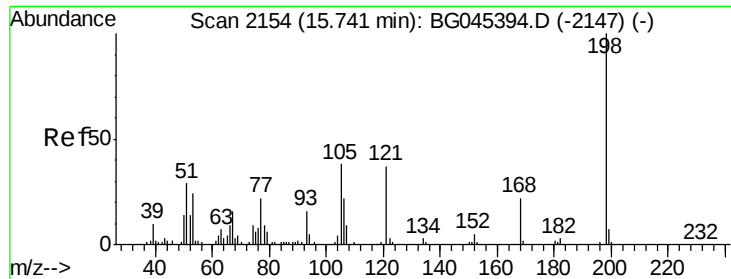
Tot Ion:	77	Resp:	560851
Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.5	46.5
105	18.6	0.0	37.9
51	24.1	4.1	44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:	188	Resp:	430534
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.9	6.6	10.0

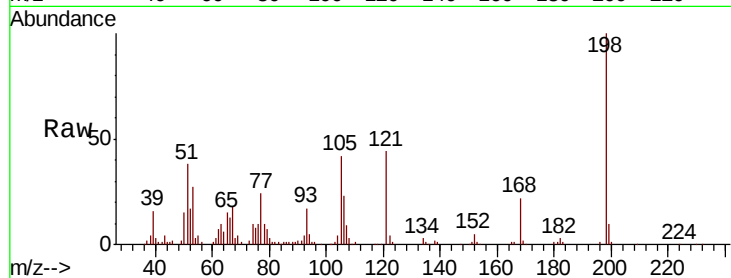




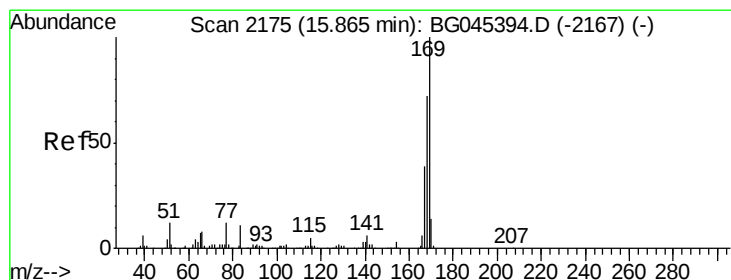
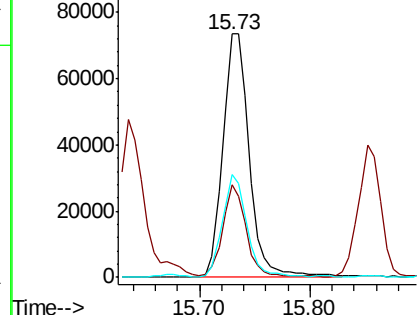
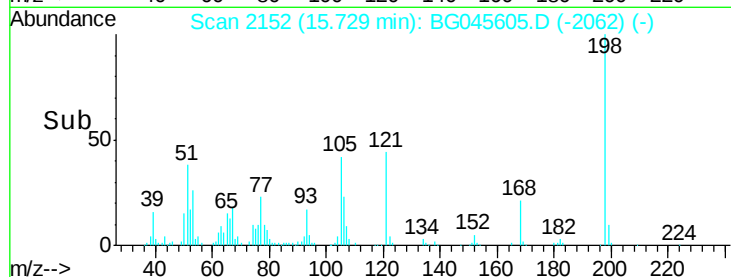
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.957 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	10.0	50.0
105	42.1	18.9	58.9

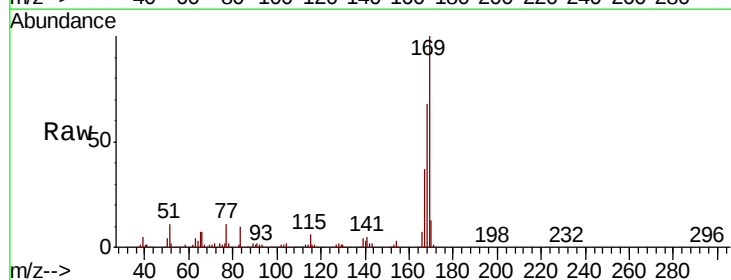


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

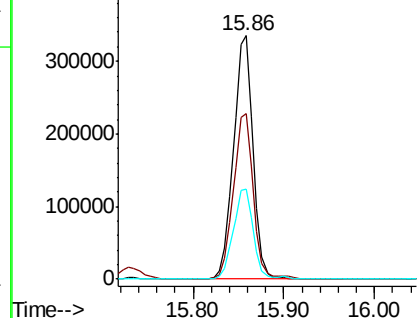
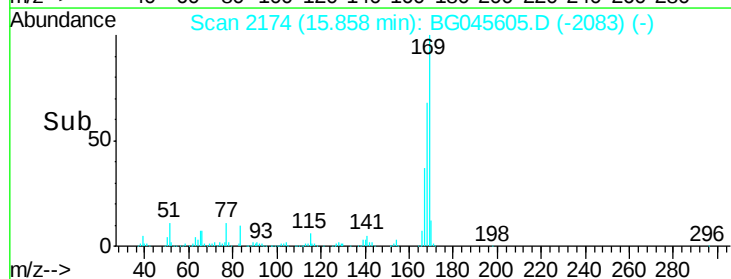


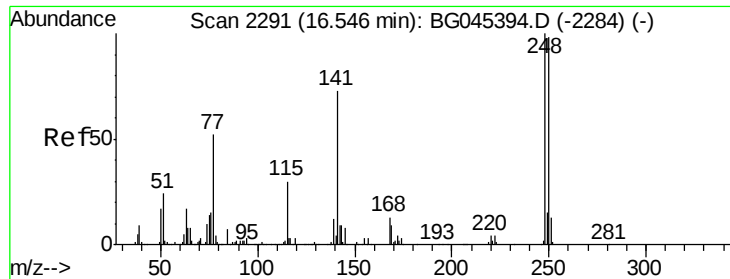
#66
 n-Nitrosodiphenylamine
 Concen: 48.638 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	57.8	86.6
167	36.8	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

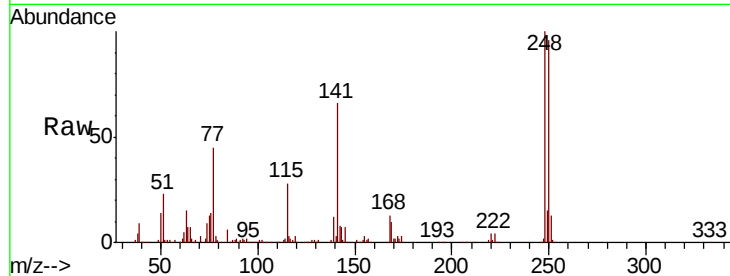




#67
4-Bromophenyl-phenylether
Concen: 46.517 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	117.8
141	66.2	58.2	87.2

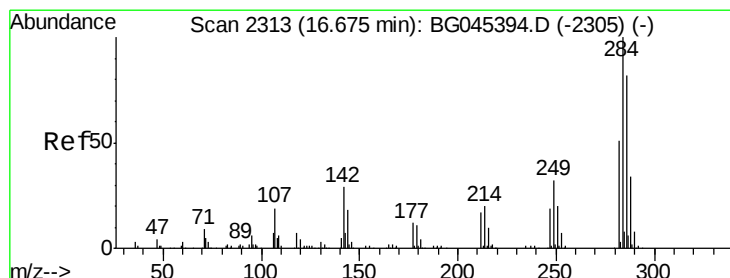
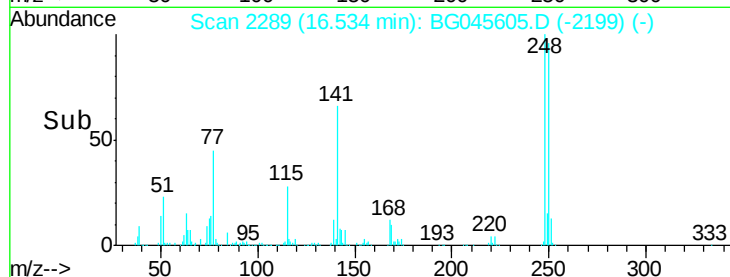
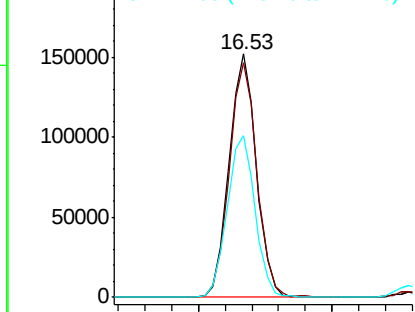


Abundance

Ion 248.00 (247.70 to 248.70): E

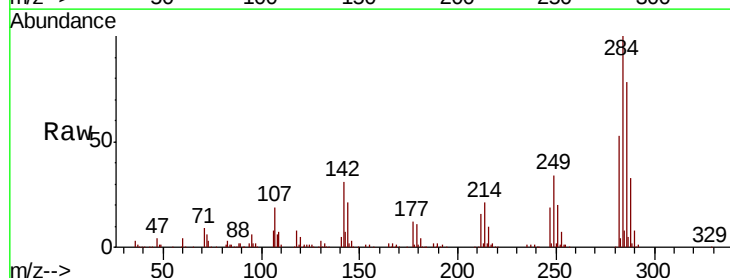
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.695 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.0	34.6
249	33.6	25.8	38.6

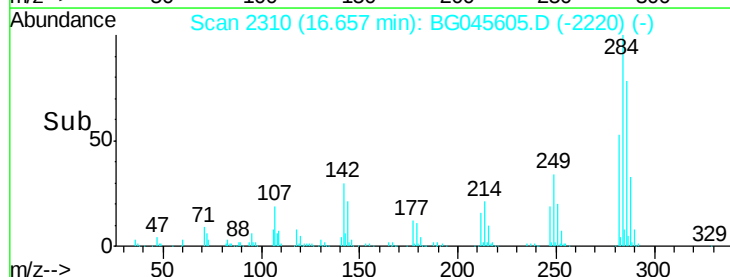
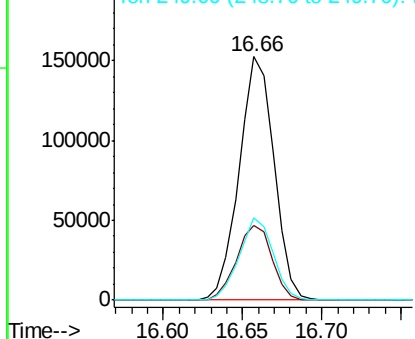


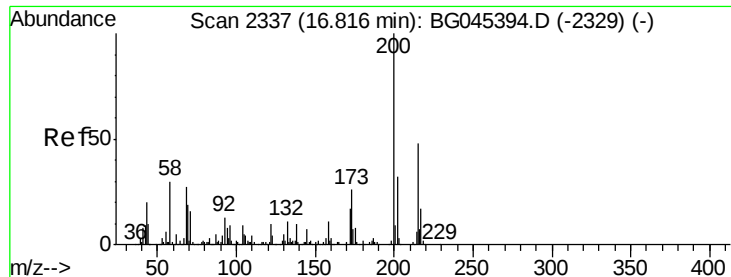
Abundance

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: 45.759 ng

RT: 16.80 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

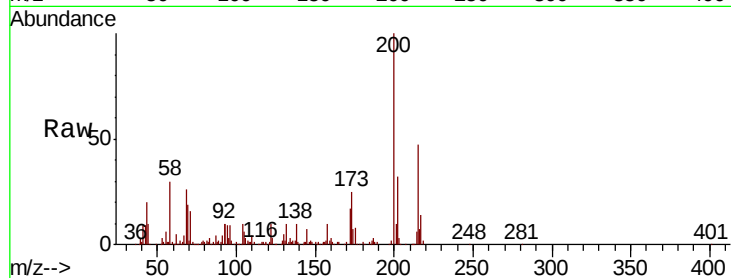
Tot Ion:200 Resp: 194829

Ion Ratio Lower Upper

200 100

173 24.6 5.5 45.5

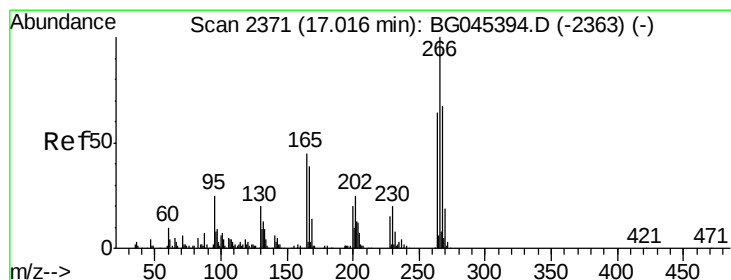
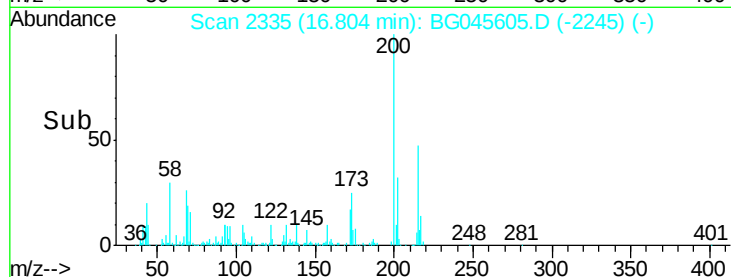
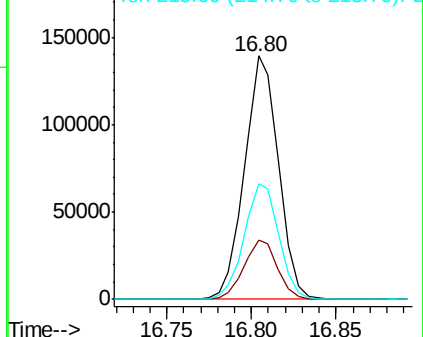
215 47.3 28.2 68.2



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: 95.230 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

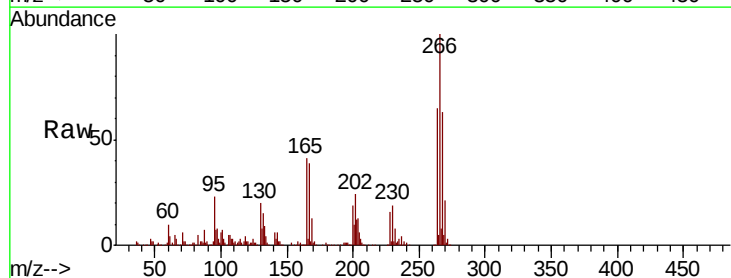
Tgt Ion:266 Resp: 241108

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

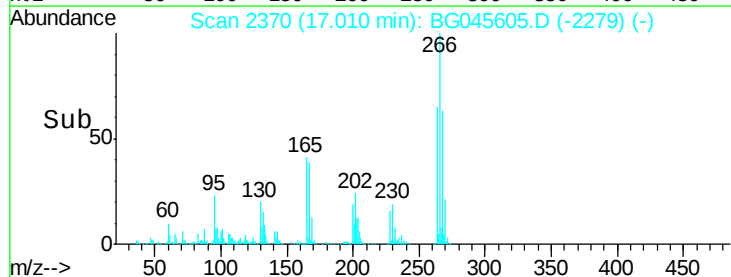
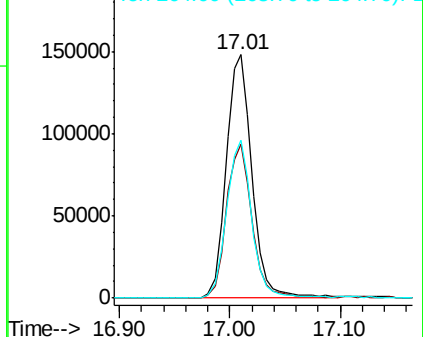
264 64.7 51.0 76.4

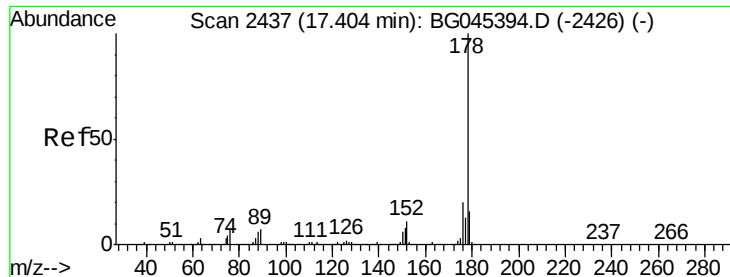


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.689 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

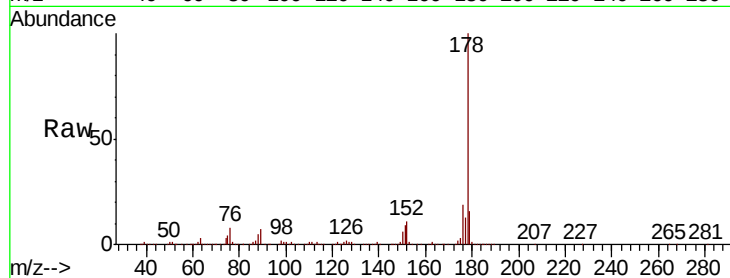
Tot Ion:178 Resp: 896318

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

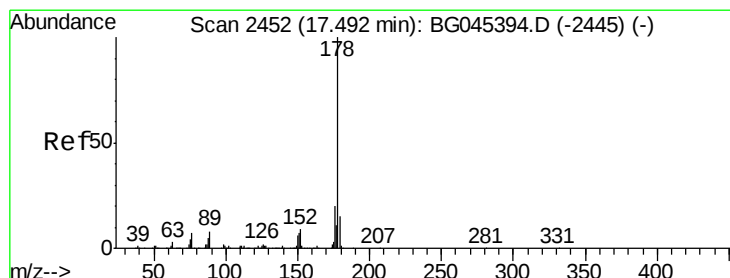
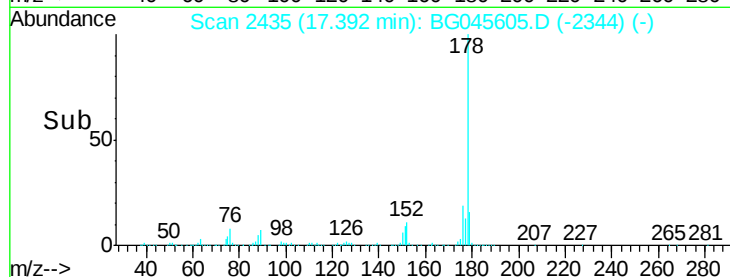
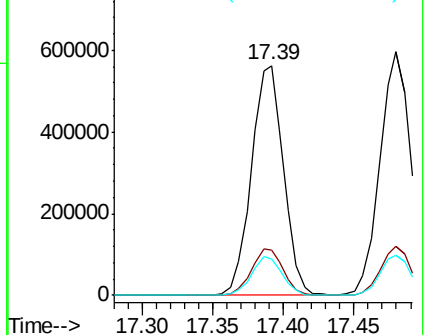
179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.502 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

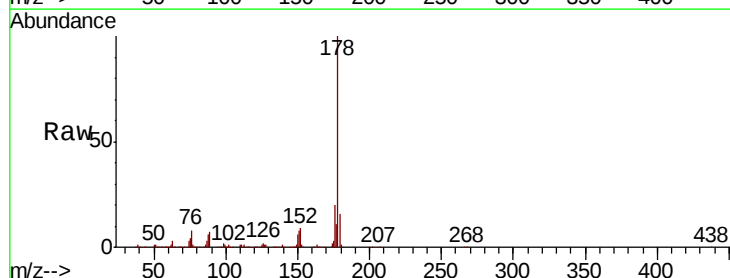
Tgt Ion:178 Resp: 915472

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

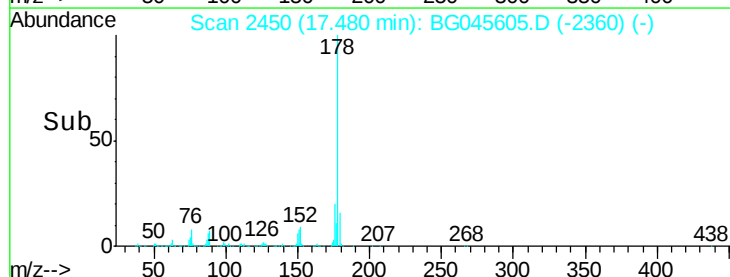
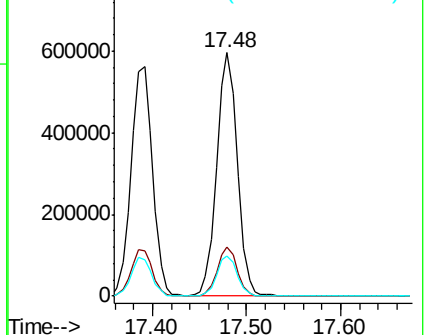
179 16.4 12.2 18.4

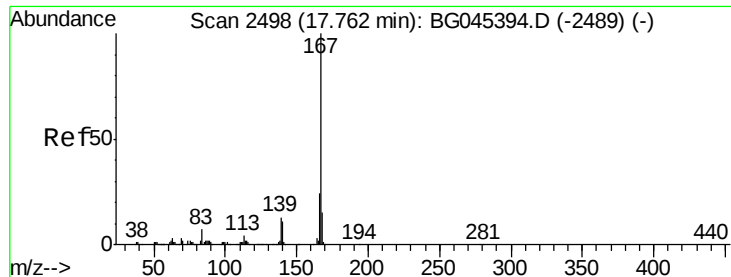


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

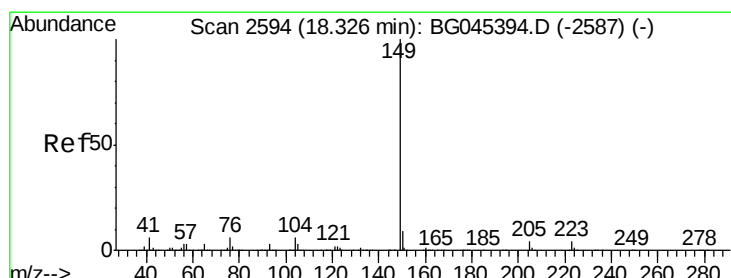
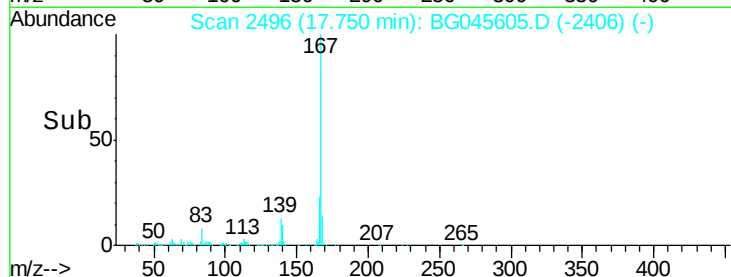
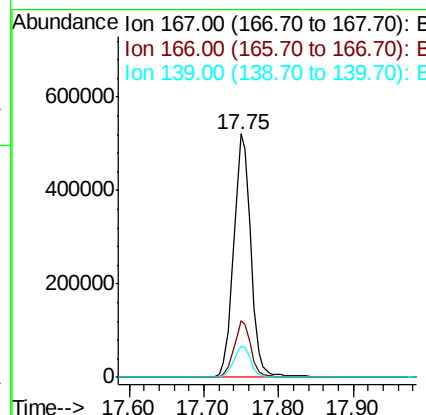
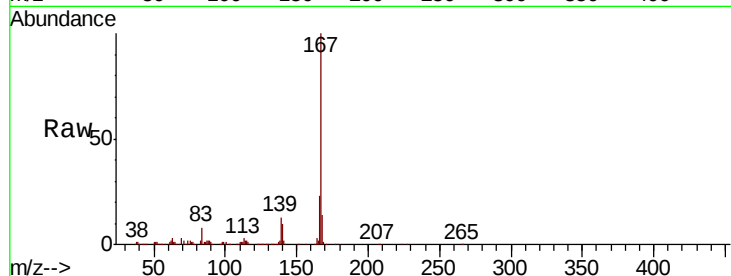




#73
 Carbazole
 Concen: 45.854 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

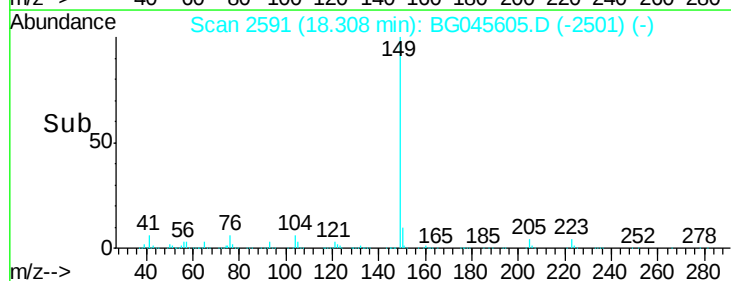
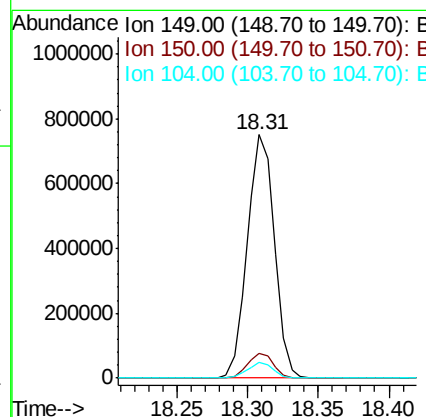
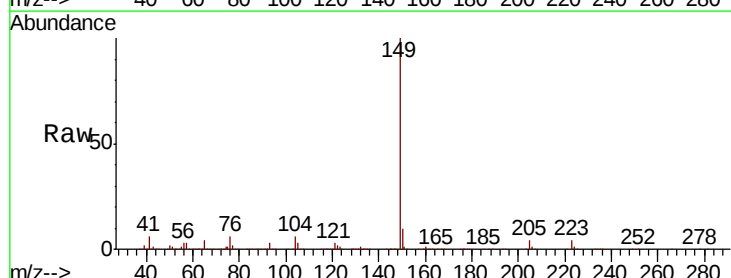
Instrument :
 BNA_G
 ClientSampleId :
 PB129255BS

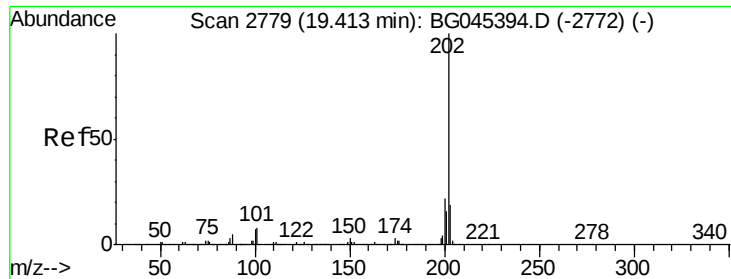
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	12.9	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 45.690 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG045605.D
 Acq: 4 Jun 2020 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 45.789 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

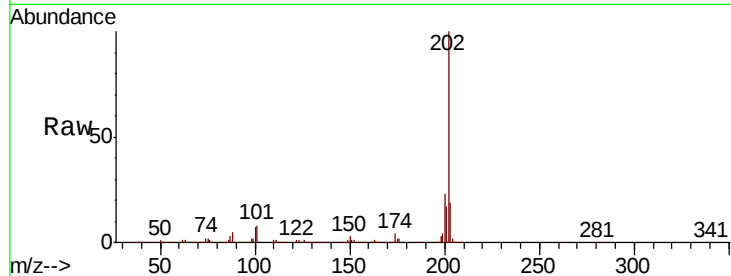
Tot Ion:202 Resp: 1094656

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.3
203	19.3	0.0	39.0

202 100

101 8.4 0.0 28.3

203 19.3 0.0 39.0

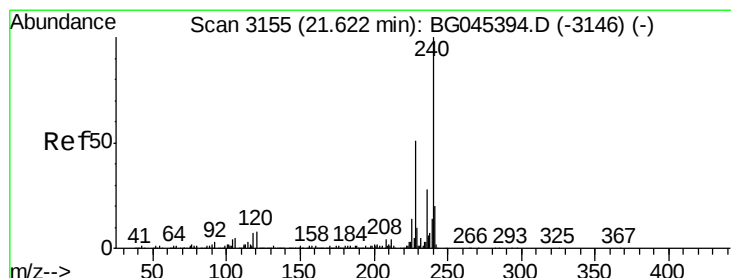
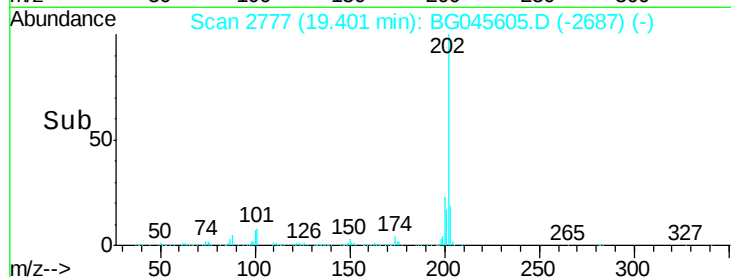
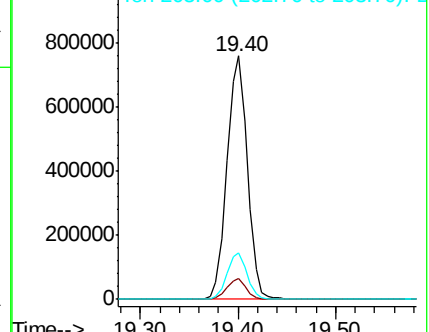


Abundance

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: BG045605.D

Acq: 4 Jun 2020 14:54

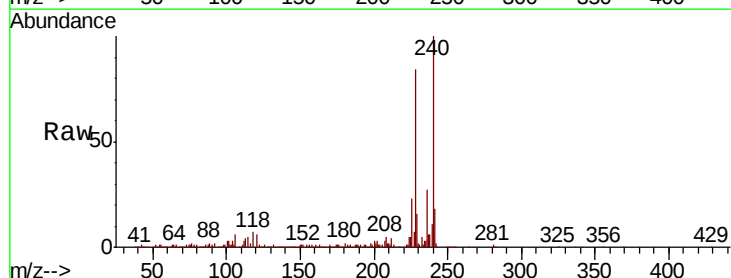
Tgt Ion:240 Resp: 378272

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	27.0	22.3	33.5

240 100

120 6.3 6.1 9.1

236 27.0 22.3 33.5

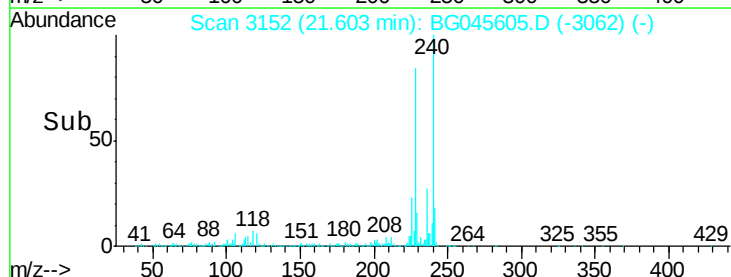
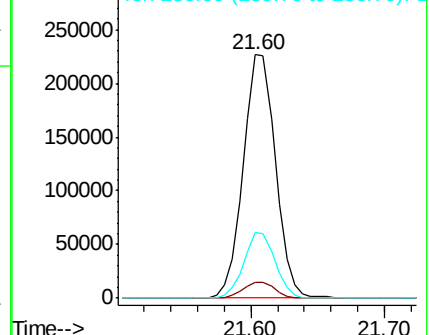


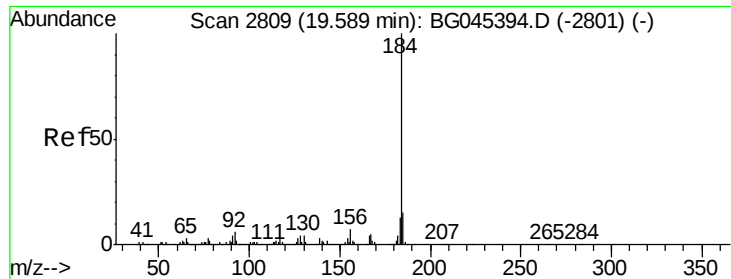
Abundance

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: 46.189 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

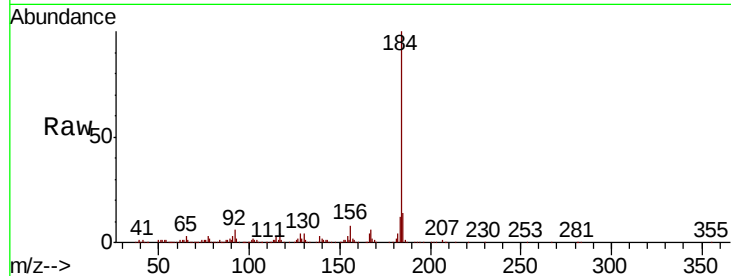
Tot Ion:184 Resp: 490712

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

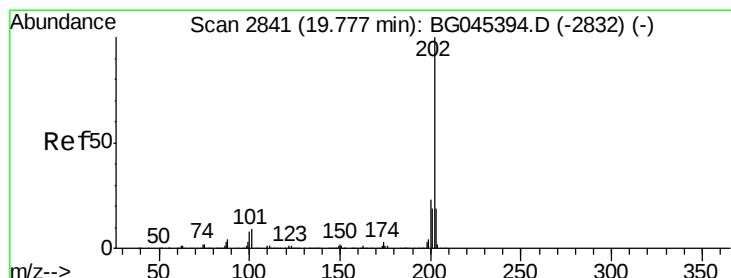
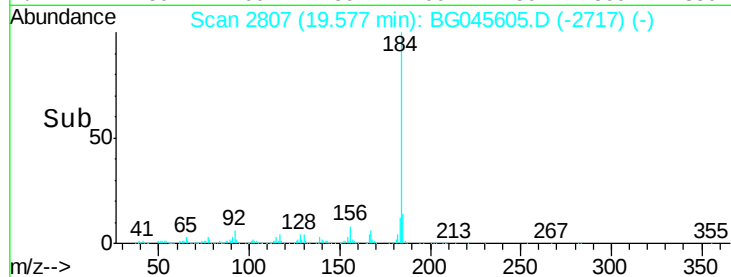
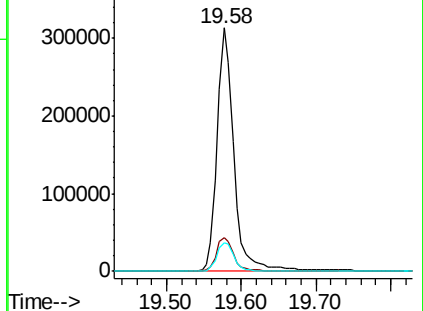
183 11.6 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.273 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

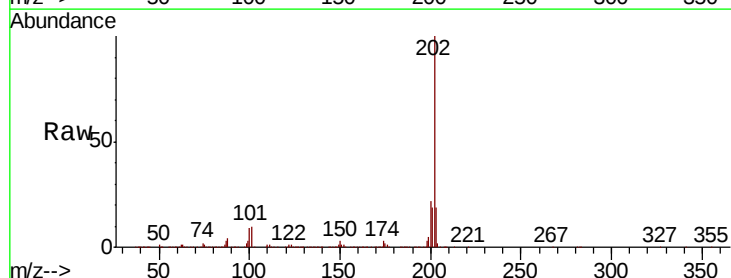
Tgt Ion:202 Resp: 1084046

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

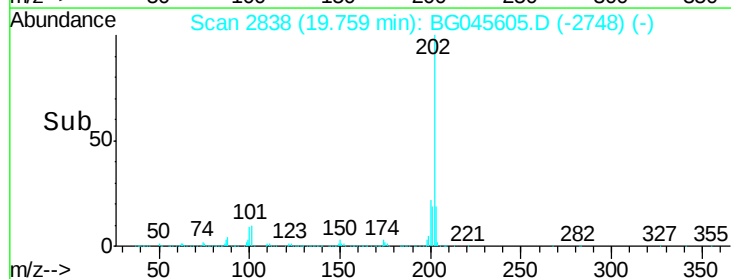
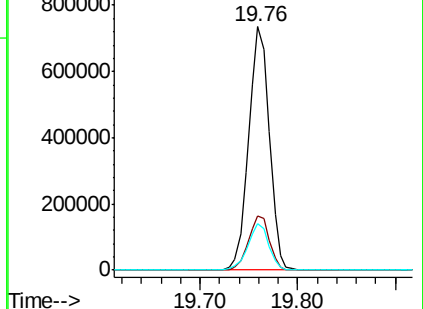
203 19.1 15.1 22.7

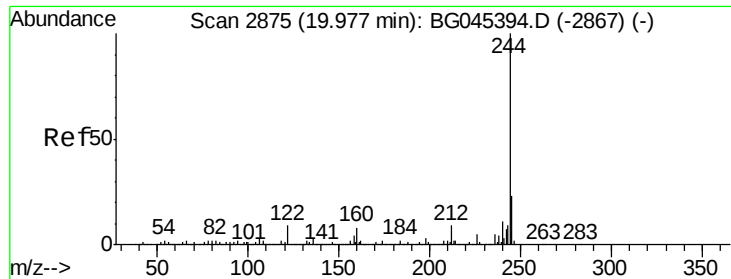


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.123 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

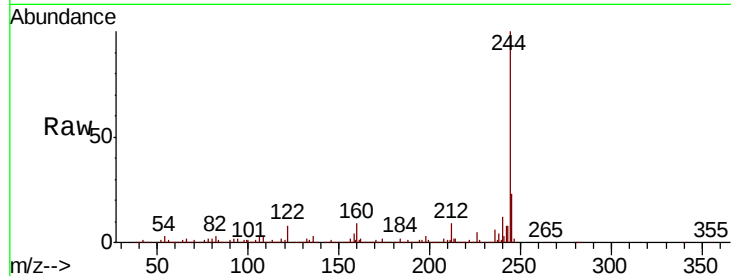
Tot Ion:244 Resp: 1672537

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

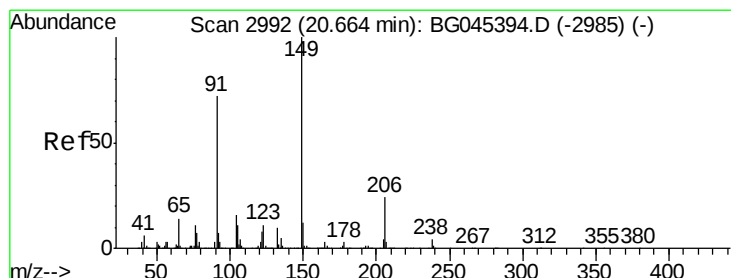
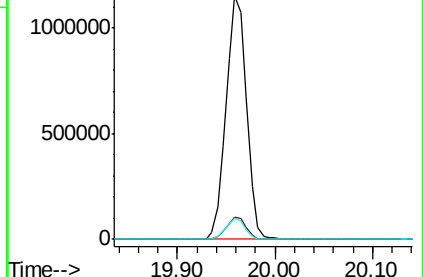
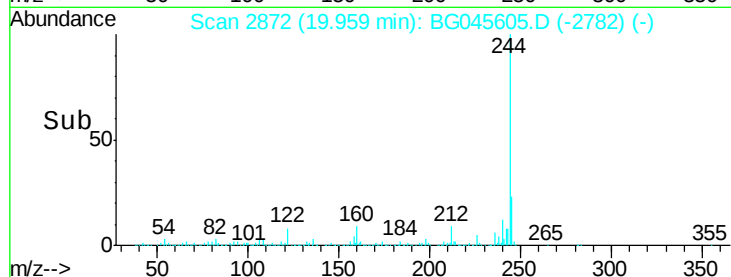
122 8.3 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.537 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

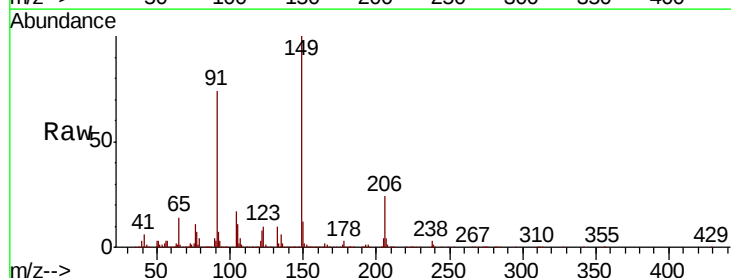
Tgt Ion:149 Resp: 433137

Ion Ratio Lower Upper

149 100

91 73.7 57.8 86.6

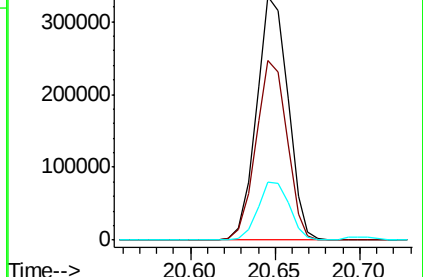
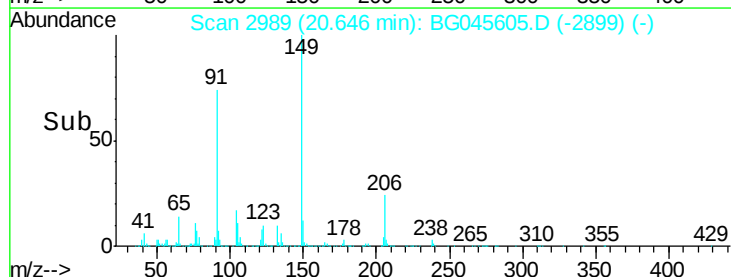
206 23.7 19.1 28.7

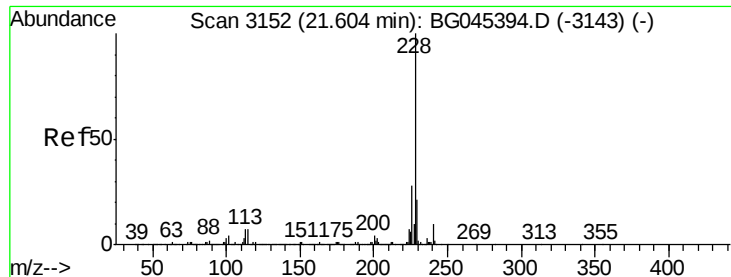


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.053 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

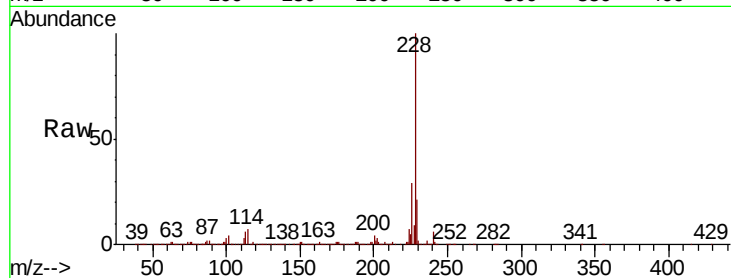
BNA_G

ClientSampleId :

PB129255BS

Tot Ion:228 Resp: 1033658

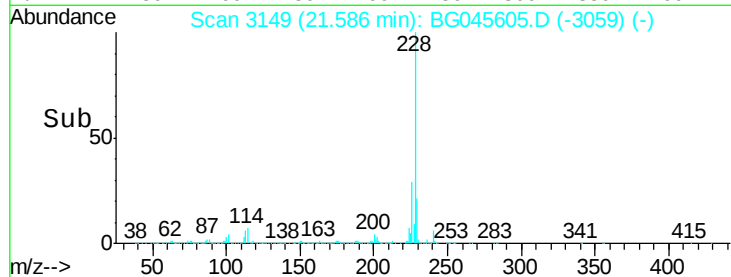
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.2	16.7	25.1



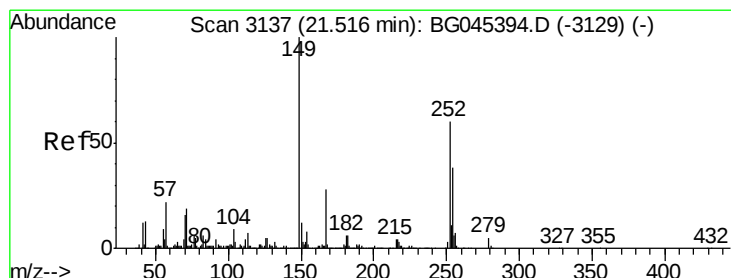
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 34.278 ng

RT: 21.50 min Scan# 3135

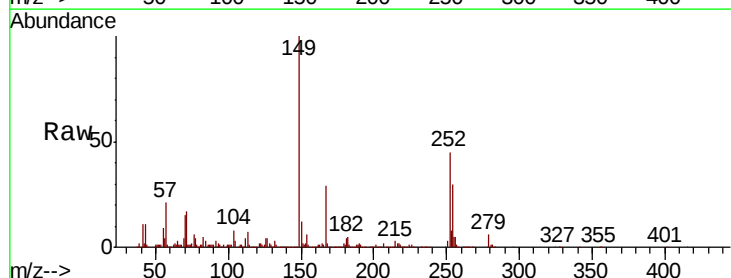
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Tgt Ion:252 Resp: 283336

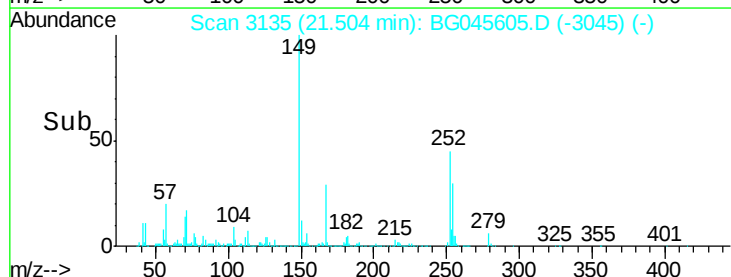
Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.3	76.9
126	8.3	6.6	10.0



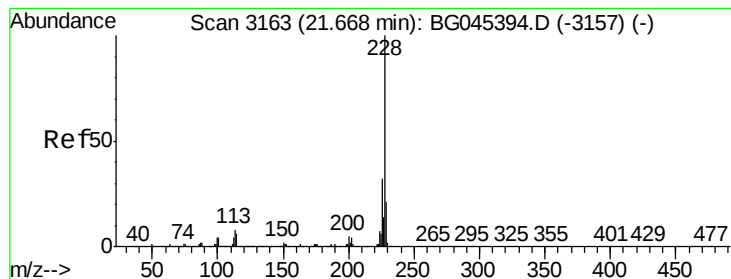
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 48.204 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

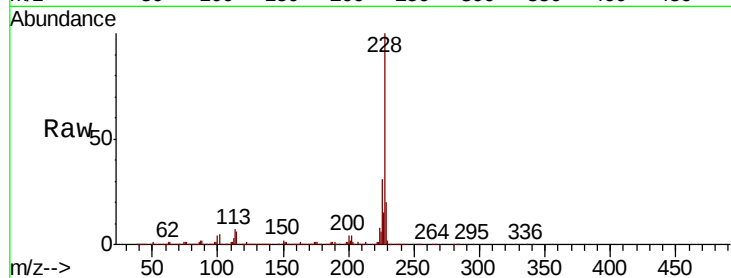
Tot Ion:228 Resp: 976701

Ion Ratio Lower Upper

228 100

226 31.2 25.2 37.8

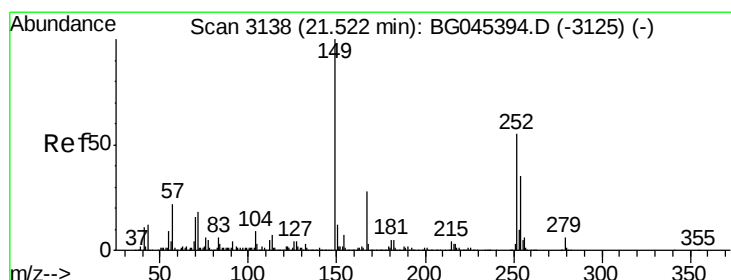
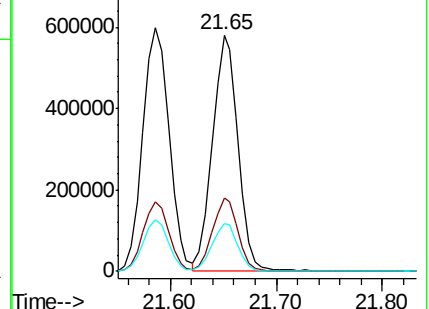
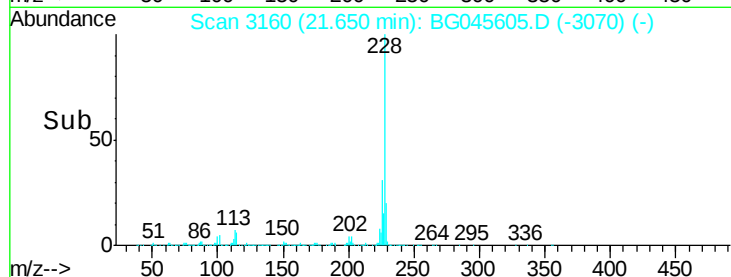
229 20.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.525 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

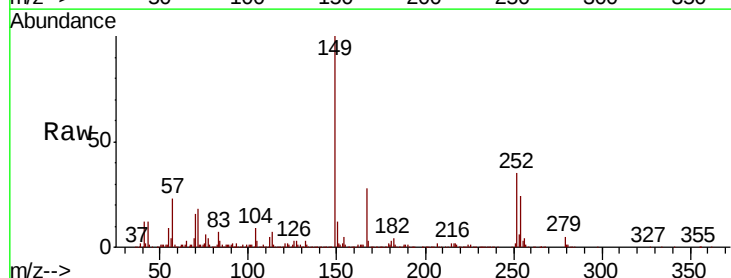
Tgt Ion:149 Resp: 608036

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

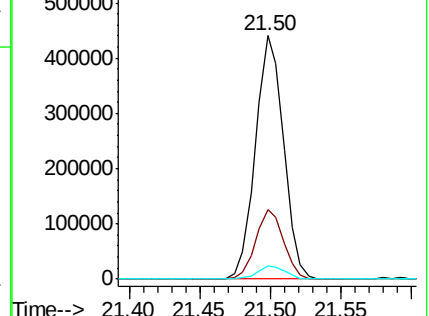
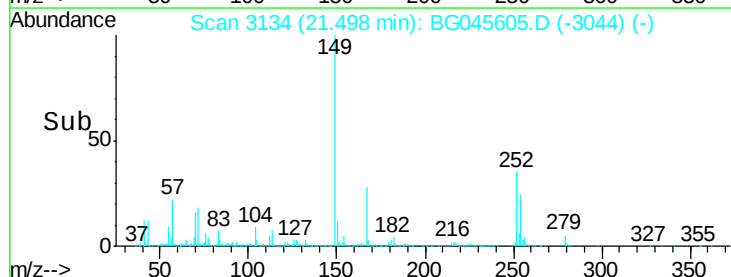
279 5.3 4.7 7.1

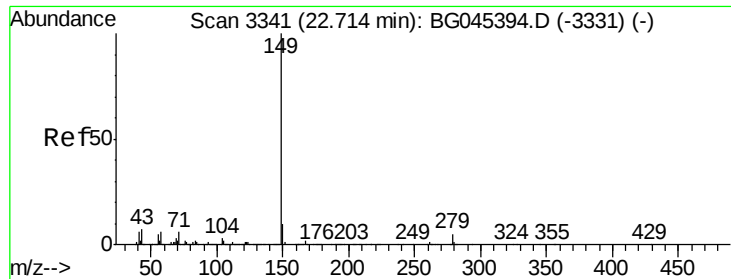


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.714 ng

RT: 22.68 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

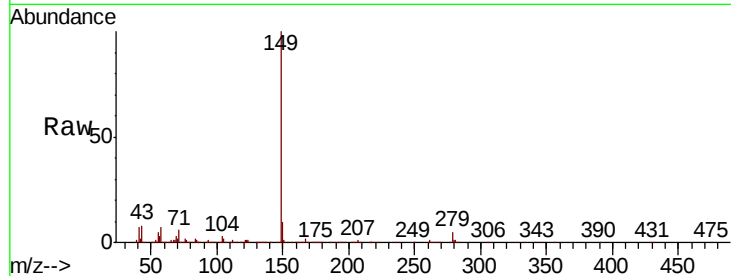
Tot Ion:149 Resp: 1026498

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

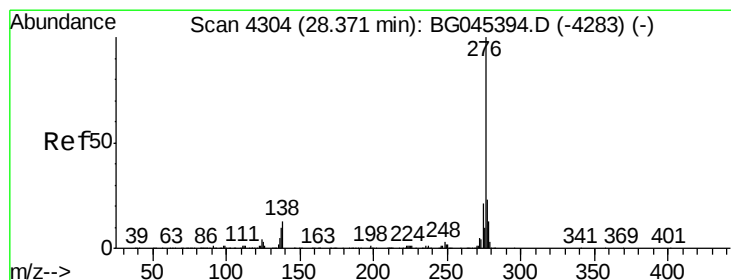
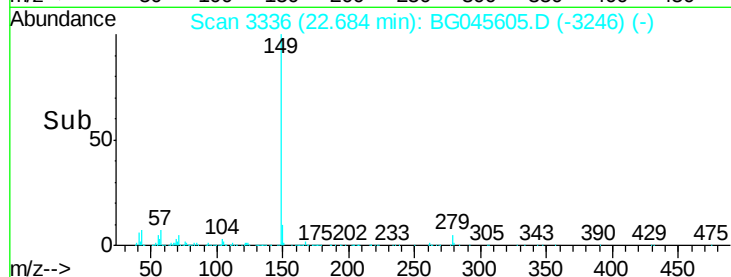
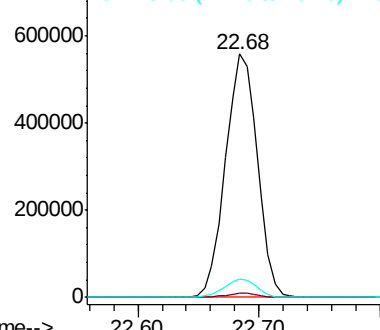
43 7.5 5.8 8.8



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: 48.041 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

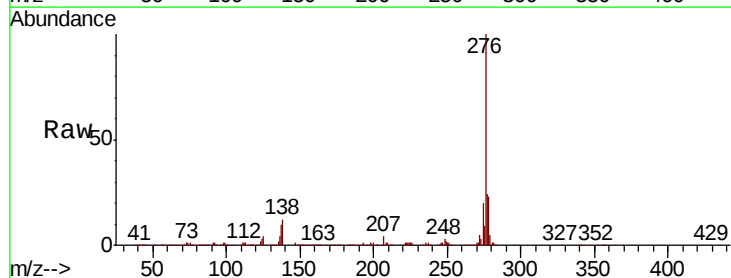
Tgt Ion:276 Resp: 1272880

Ion Ratio Lower Upper

276 100

138 14.6 8.6 12.8#

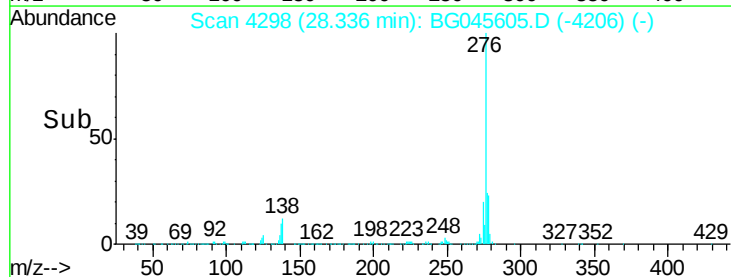
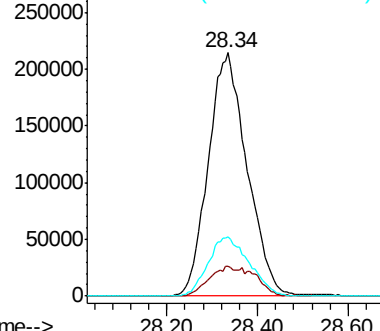
277 25.8 20.2 30.4

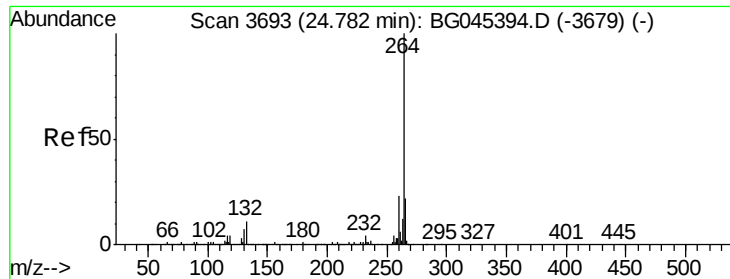


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA_G

ClientSampleId :

PB129255BS

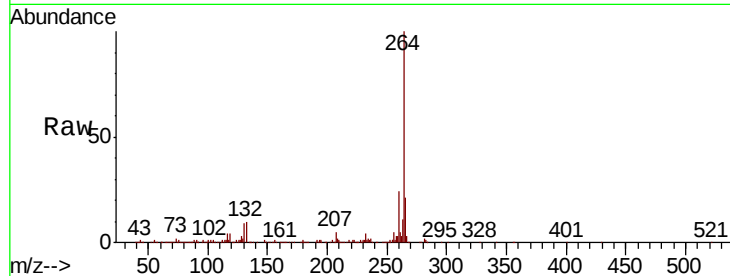
Tot Ion:264 Resp: 412782

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

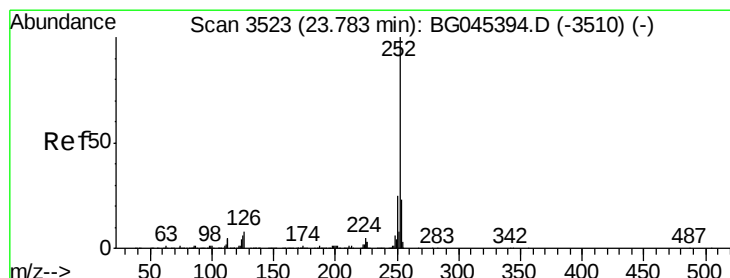
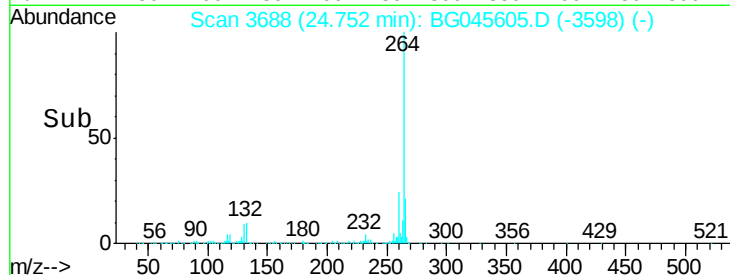
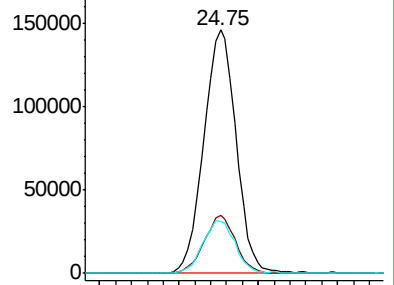
265 21.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.552 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

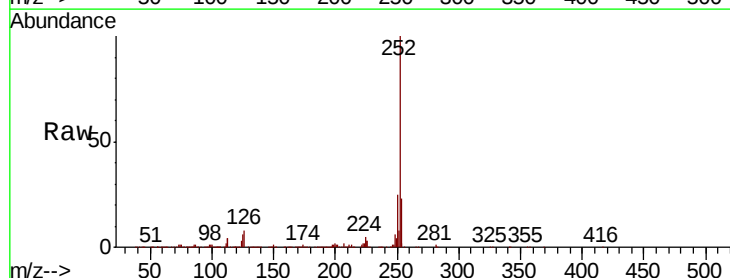
Tgt Ion:252 Resp: 1074834

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

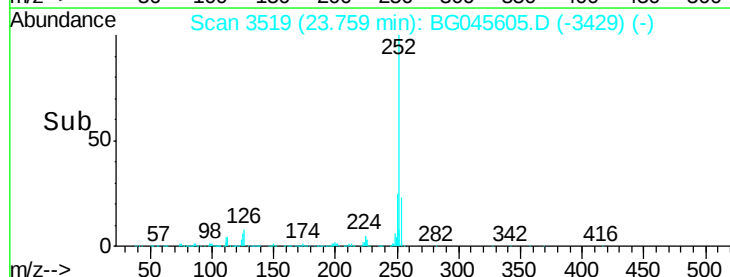
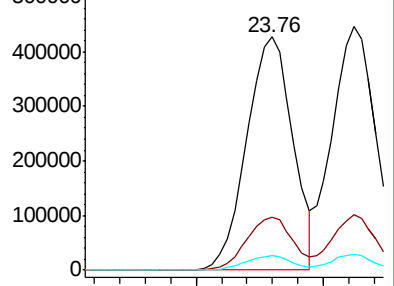
125 6.3 5.0 7.6

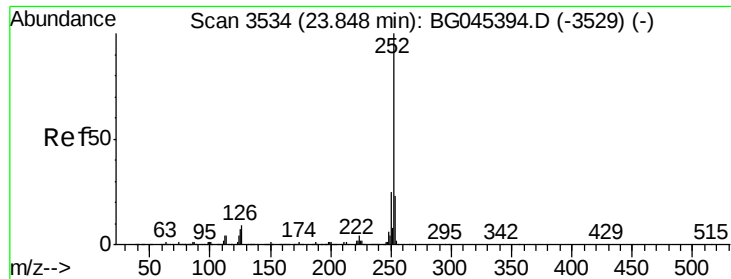


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

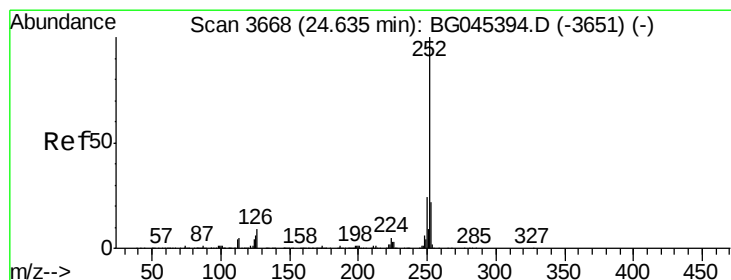
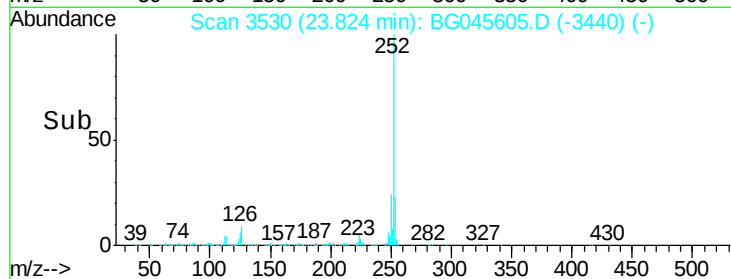
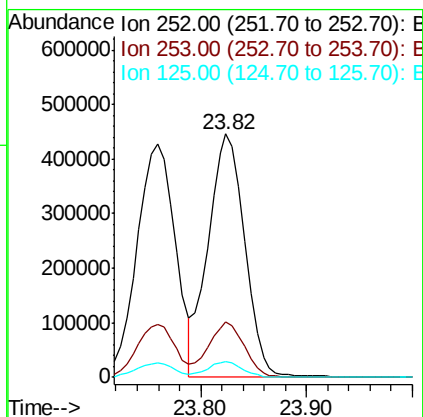
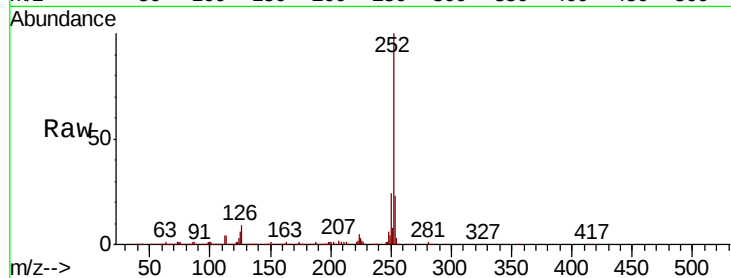




#89
Benzo(k)fluoranthene
Concen: 51.314 ng
RT: 23.82 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

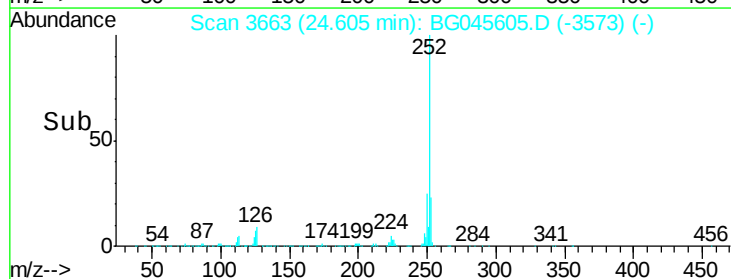
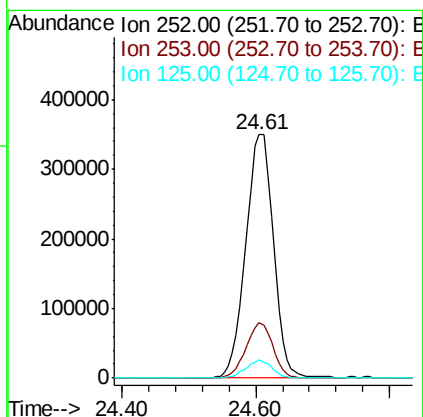
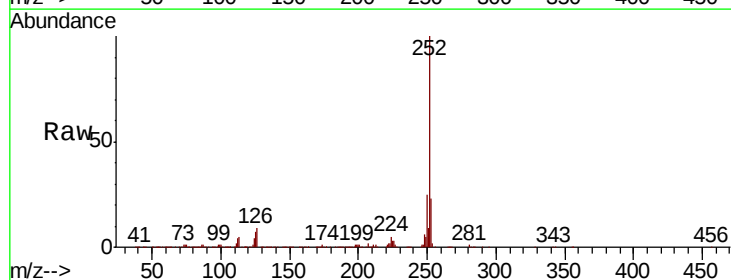
Instrument :
BNA_G
ClientSampleId :
PB129255BS

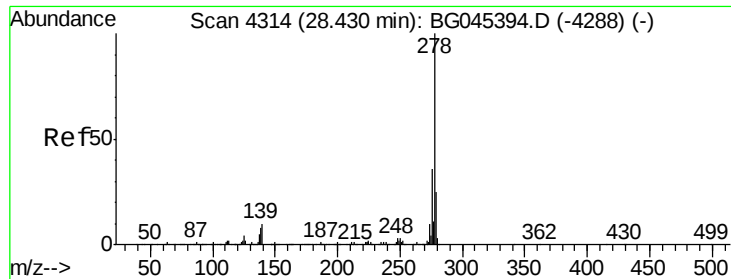
Tot Ion:252 Resp: 1067236
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.4 5.7 8.5



#90
Benzo(a)pyrene
Concen: 48.228 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:252 Resp: 994356
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 7.4 5.0 7.6

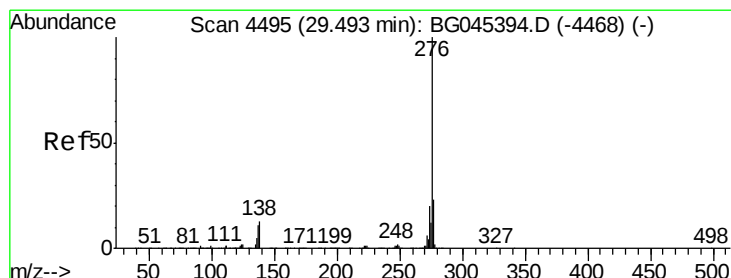
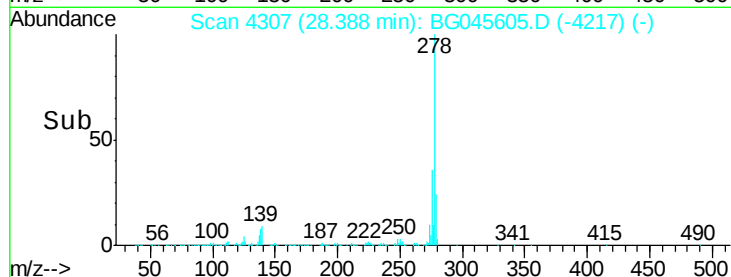
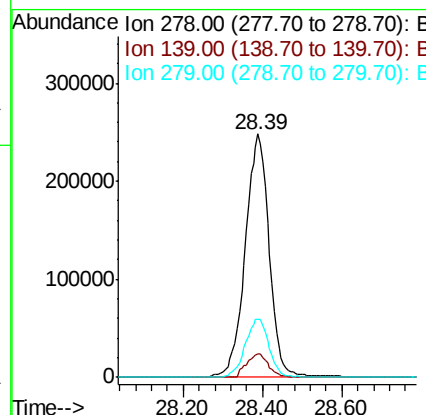
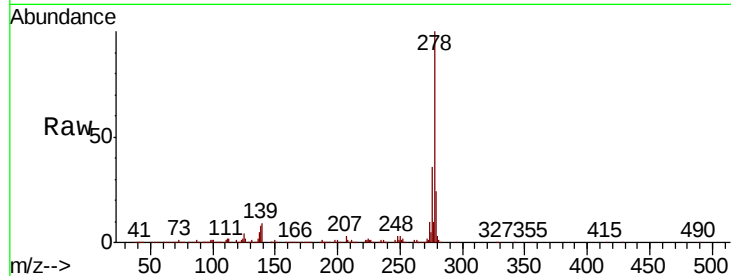




#91
Dibenzo(a,h)anthracene
Concen: 50.187 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Instrument :
BNA_G
ClientSampleId :
PB129255BS

Tot Ion:278 Resp: 1039810
Ion Ratio Lower Upper
278 100
139 9.4 7.8 11.8
279 24.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 50.923 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG045605.D
Acq: 4 Jun 2020 14:54

Tgt Ion:276 Resp: 1055186
Ion Ratio Lower Upper
276 100
277 24.0 18.1 27.1
138 11.2 10.2 15.4

