

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045445.D
 Acq On : 21 May 2020 18:21
 Operator : CG/JU
 Sample : L2506-17MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

Quant Time: May 21 19:02:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	67452	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	268189	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	202419	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	475547	20.00	ng	0.00
76) Chrysene-d12	21.61	240	448905	20.00	ng	0.00
87) Perylene-d12	24.76	264	474069	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	528619	153.16	ng	0.00
7) Phenol-d6	7.19	99	707050	143.93	ng	0.00
23) Nitrobenzene-d5	9.13	82	521552	106.05	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	415755	160.60	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1207788	101.21	ng	0.00
79) Terphenyl-d14	19.97	244	2088463	108.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	67293	39.317	ng	# 63
3) Pyridine	3.82	79	151769	31.839	ng	95
4) n-Nitrosodimethylamine	3.72	42	74233	47.591	ng	# 97
6) Aniline	7.30	93	134953	21.044	ng	99
8) 2-Chlorophenol	7.55	128	200789	53.049	ng	96
9) Benzaldehyde	7.10	77	114009	35.621	ng	95
10) Phenol	7.21	94	242346	47.866	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	194070	49.142	ng	98
12) 1,3-Dichlorobenzene	7.85	146	215031	47.275	ng	99
13) 1,4-Dichlorobenzene	8.00	146	215745	48.064	ng	98
14) 1,2-Dichlorobenzene	8.32	146	202995	47.019	ng	98
15) Benzyl Alcohol	8.22	79	209706	51.675	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	177742	47.415	ng	96
17) 2-Methylphenol	8.45	107	186519	49.219	ng	98
18) Hexachloroethane	9.05	117	83381	48.501	ng	91
19) n-Nitroso-di-n-propylamine	8.77	70	178695	52.603	ng	97
20) 3+4-Methylphenols	8.45	107	186519	36.144	ng	75
22) Acetophenone	8.79	105	321595	50.594	ng	# 93
24) Nitrobenzene	9.17	77	263928	50.089	ng	97
25) Isophorone	9.69	82	490967	50.691	ng	98
26) 2-Nitrophenol	9.88	139	119022	52.803	ng	94
27) 2,4-Dimethylphenol	9.97	122	199890	59.791	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	267294	52.623	ng	96
29) 2,4-Dichlorophenol	10.45	162	223183	56.533	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	238362	51.096	ng	98
31) Naphthalene	10.82	128	646078	51.697	ng	99
32) Benzoic acid	10.16	122	134069	56.675	ng	92
33) 4-Chloroaniline	10.95	127	25987	4.975	ng	95
34) Hexachlorobutadiene	11.11	225	162747	49.355	ng	99
35) Caprolactam	11.71	113	38329	26.451	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	253787	57.049	ng	100
37) 2-Methylnaphthalene	12.43	142	492268	52.848	ng	95
38) 1-Methylnaphthalene	12.43	142	492268	55.946	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	281440	49.778	ng	99

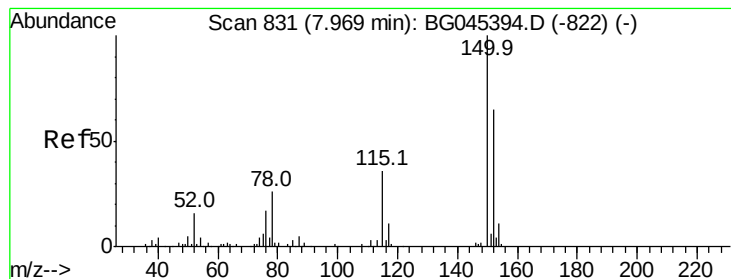
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045445.D
 Acq On : 21 May 2020 18:21
 Operator : CG/JU
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 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	374667	114.812	nq	99
43) 2,4,6-Trichlorophenol	13.05	196	206315	52.530	nq	97
44) 2,4,5-Trichlorophenol	13.15	196	221890	49.439	nq	96
46) 1,1'-Biphenyl	13.44	154	652464	52.458	nq	99
47) 2-Chloronaphthalene	13.48	162	497115	49.220	nq	99
48) 2-Nitroaniline	13.69	65	159971	48.151	nq	87
49) Acenaphthylene	14.33	152	839663	51.758	nq	99
50) Dimethylphthalate	14.06	163	707117	50.924	nq	98
51) 2,6-Dinitrotoluene	14.18	165	161114	51.419	nq	97
52) Acenaphthene	14.67	154	497057	45.772	nq	99
53) 3-Nitroaniline	14.52	138	42787	13.433	nq	97
54) 2,4-Dinitrophenol	14.72	184	207398	99.608	nq	97
55) Dibenzofuran	15.01	168	809185	50.178	nq	98
56) 4-Nitrophenol	14.89	139	223275	92.588	nq	90
57) 2,4-Dinitrotoluene	14.97	165	228033	50.251	nq	93
58) Fluorene	15.65	166	675294	50.971	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	211104	53.463	nq	96
60) Diethylphthalate	15.43	149	717704	49.658	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	377397	49.780	nq	100
62) 4-Nitroaniline	15.69	138	127044	38.206	nq	96
63) Azobenzene	15.94	77	669416	49.673	nq	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	151268	54.618	nq	98
66) n-Nitrosodiphenylamine	15.87	169	545252	47.754	nq	95
67) 4-Bromophenyl-phenylether	16.54	248	268685	52.178	nq	97
68) Hexachlorobenzene	16.67	284	285495	53.008	nq	95
69) Atrazine	16.81	200	122306	26.007	nq	97
70) Pentachlorophenol	17.02	266	322535	115.333	nq	96
71) Phenanthrene	17.40	178	1090643	52.535	nq	99
72) Anthracene	17.49	178	1130585	54.230	nq	97
73) Carbazole	17.76	167	905241	44.545	nq	99
74) Di-n-butylphthalate	18.32	149	1223447	50.159	nq	98
75) Fluoranthene	19.41	202	1371359	51.934	nq	97
77) Benzidine	19.61	184	83406	6.615	nq	94
78) Pyrene	19.77	202	1382837	54.039	nq	99
80) Butylbenzylphthalate	20.65	149	556891	50.419	nq	98
81) Benzo(a)anthracene	21.59	228	1312997	52.505	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	80949	8.252	nq	99
83) Chrysene	21.66	228	1247831	51.895	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	766919	50.511	nq	98
85) Di-n-octyl phthalate	22.70	149	1311049	50.276	nq	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1675396	53.283	nq	99
88) Benzo(b)fluoranthene	23.77	252	1422178	55.936	nq	99
89) Benzo(k)fluoranthene	23.84	252	1346682	56.379	nq	99
90) Benzo(a)pyrene	24.62	252	1281469	54.119	nq	97
91) Dibenzo(a,h)anthracene	28.41	278	1367137	57.455	nq	98
92) Benzo(g,h,i)perylene	29.45	276	1383589	58.139	nq	98

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

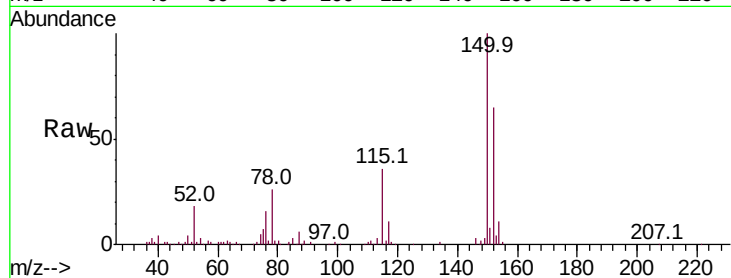


#1

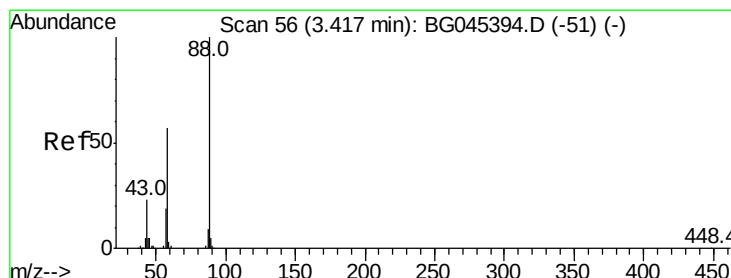
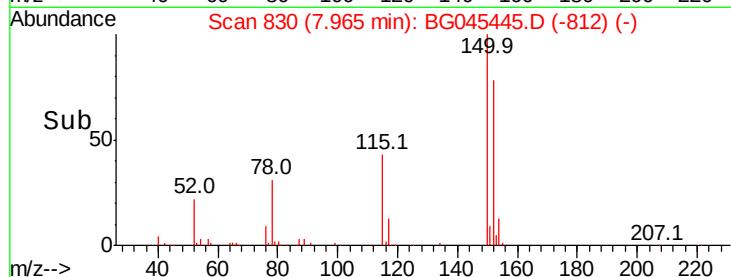
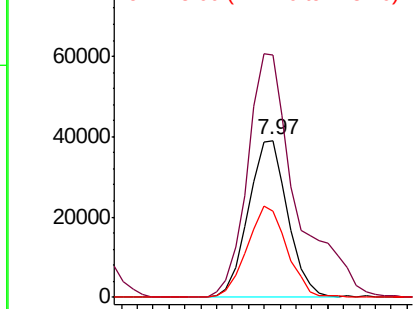
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion:152 Resp: 67452
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 55.3 44.2 66.4



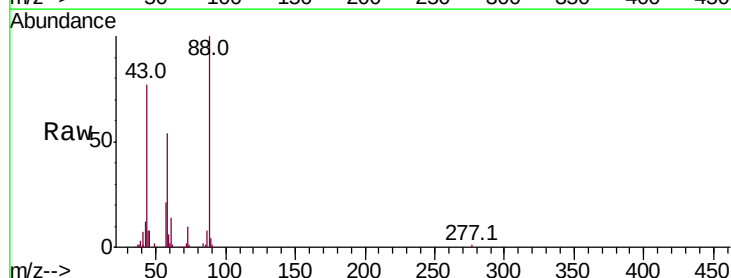
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



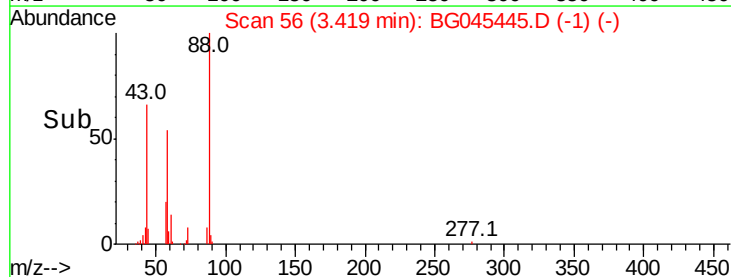
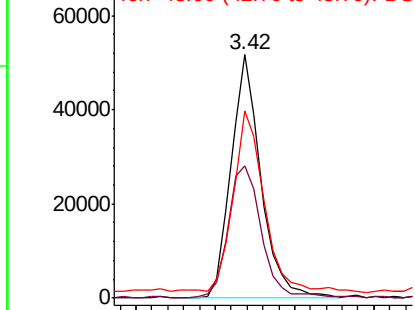
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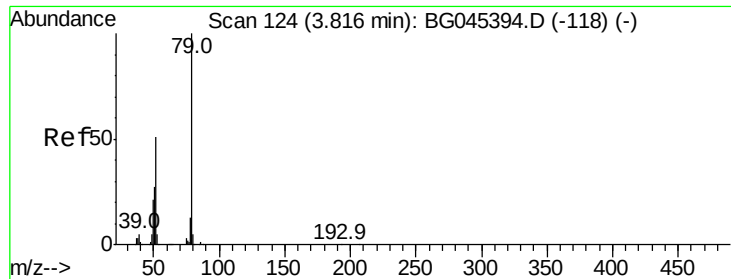
1,4-Dioxane
Concen: 39.317 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion: 88 Resp: 67293
Ion Ratio Lower Upper
88 100
58 61.2 45.7 68.5
43 78.6 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: 31.839 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

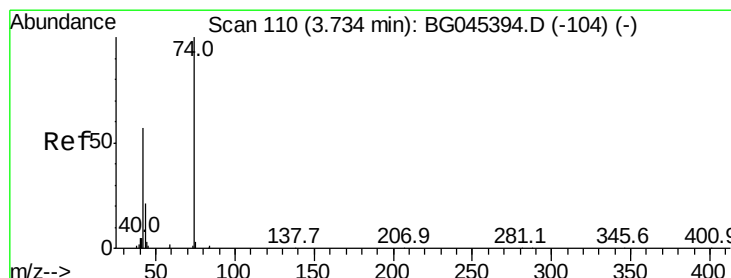
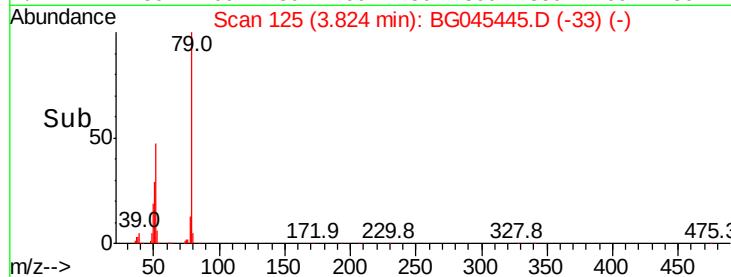
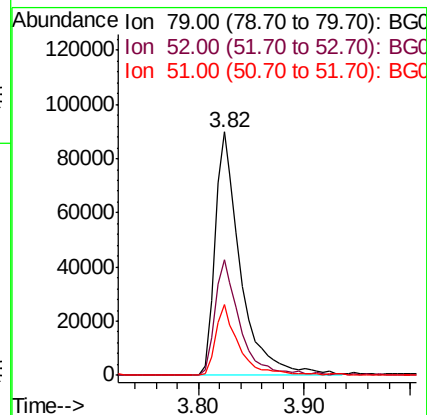
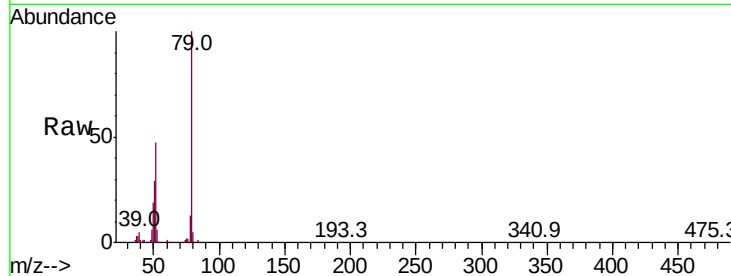
Tot Ion: 79 Resp: 151769

Ion Ratio Lower Upper

79 100

52 47.2 40.8 61.2

51 29.2 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 47.591 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

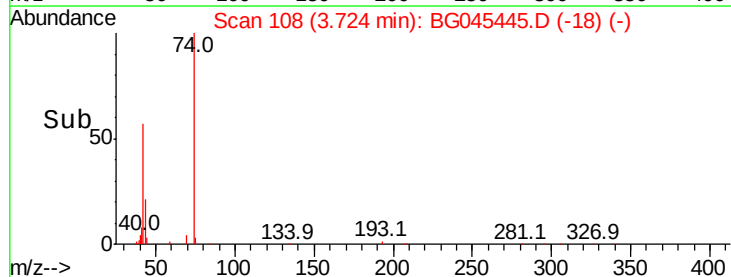
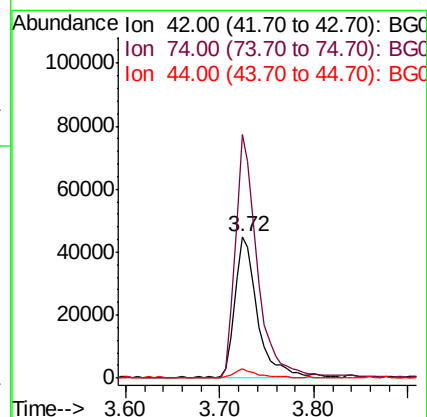
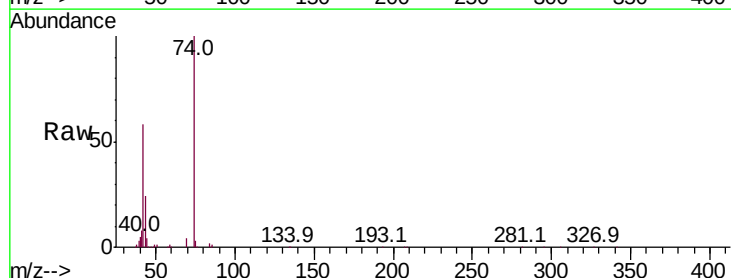
Tgt Ion: 42 Resp: 74233

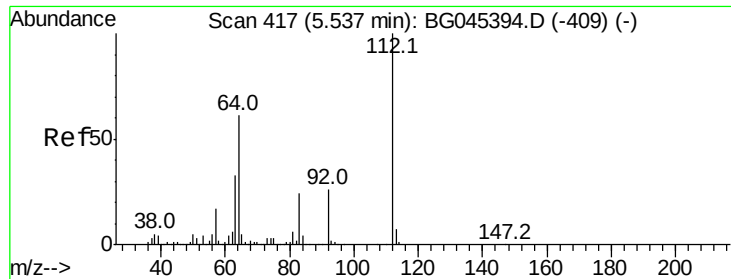
Ion Ratio Lower Upper

42 100

74 171.9 141.3 211.9

44 6.4 4.2 6.4#





#5

2-Fluorophenol

Concen: 153.158 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

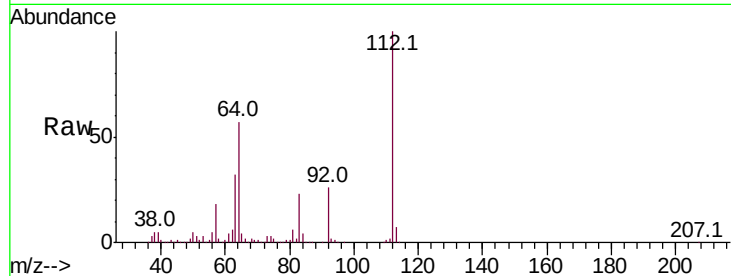
Tot Ion:112 Resp: 528619

Ion Ratio Lower Upper

112 100

64 56.6 48.6 72.8

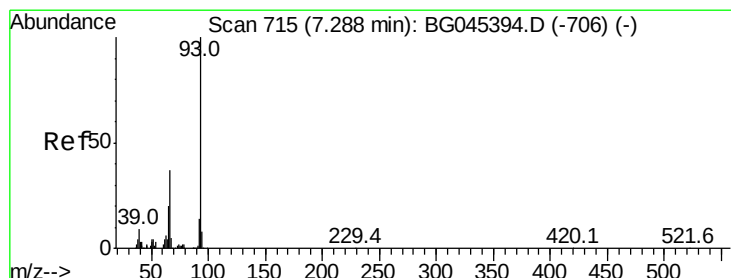
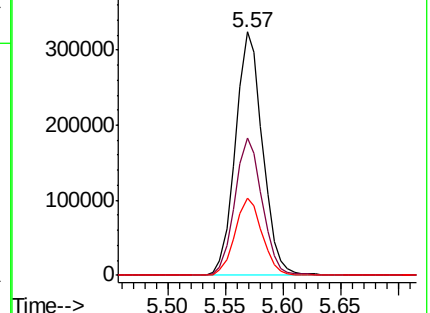
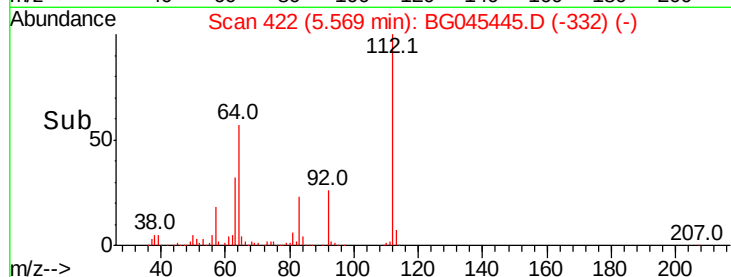
63 31.6 26.5 39.7



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: 21.044 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

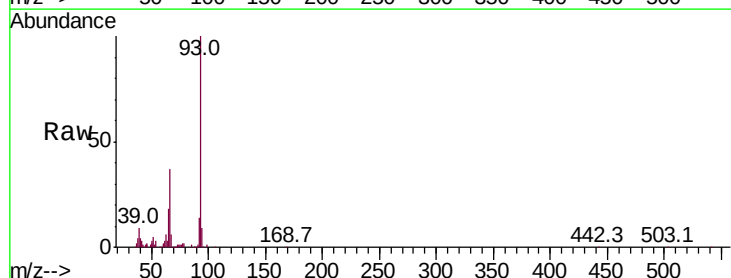
Tgt Ion: 93 Resp: 134953

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

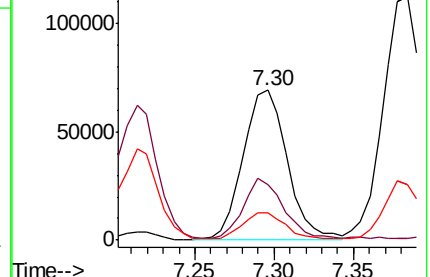
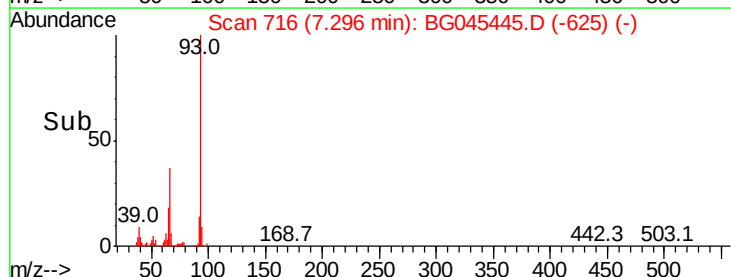
65 18.4 15.9 23.9

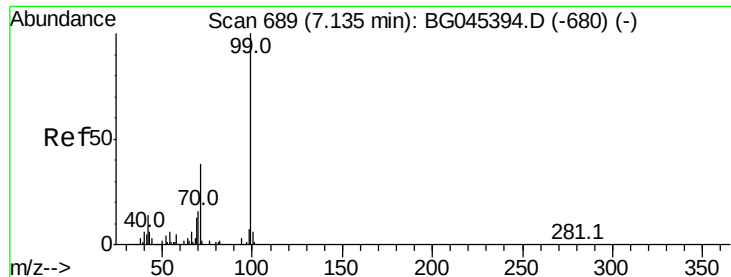


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.929 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

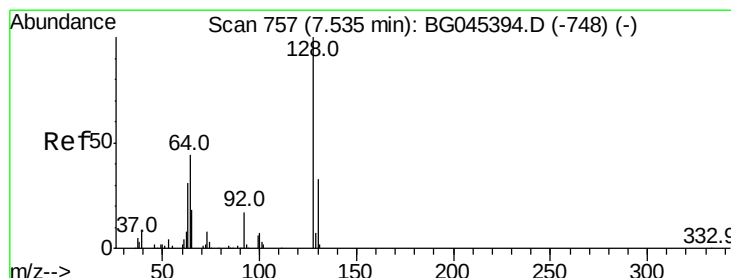
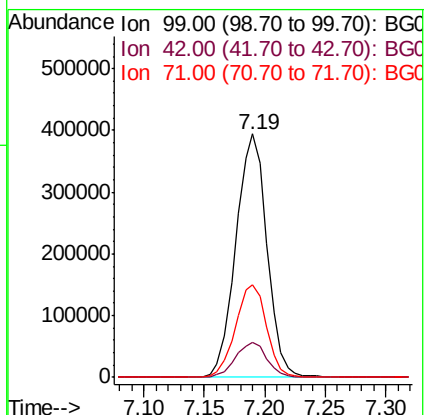
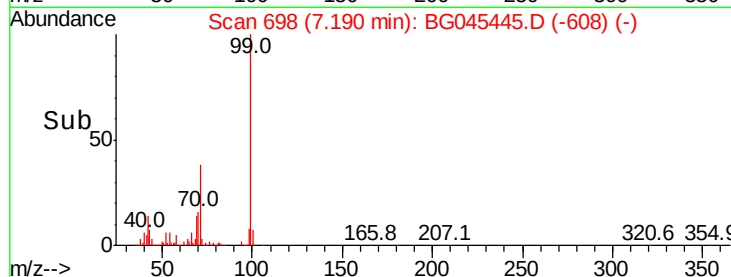
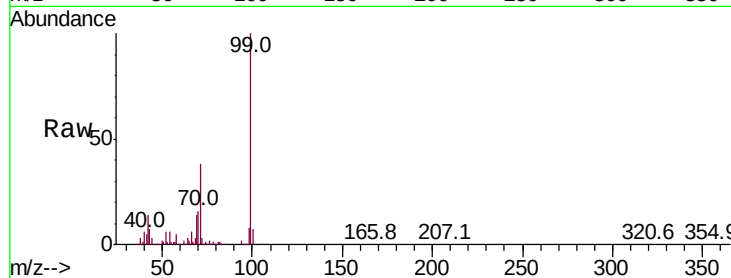
Tot Ion: 99 Resp: 707050

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 38.2 30.8 46.2



#8

2-Chlorophenol

Concen: 53.049 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

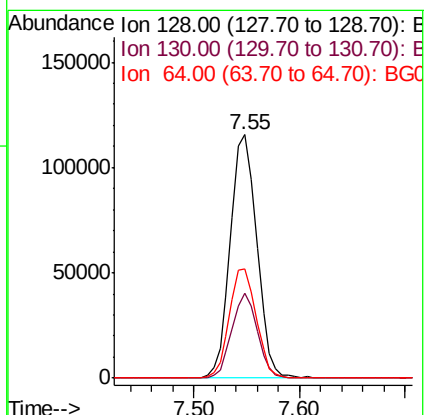
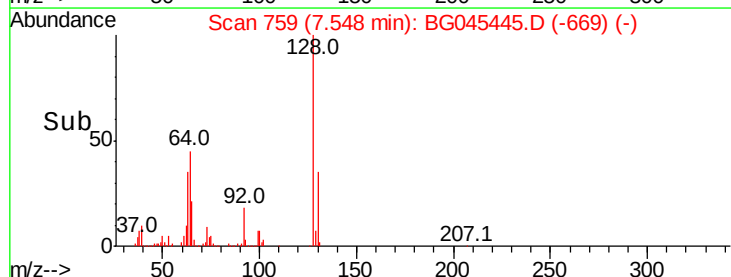
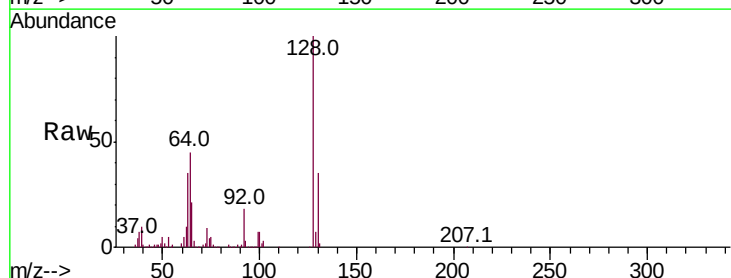
Tgt Ion: 128 Resp: 200789

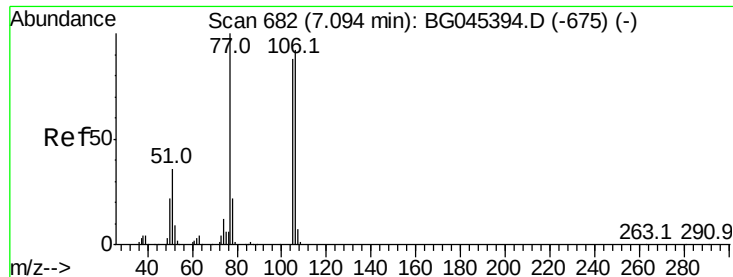
Ion Ratio Lower Upper

128 100

130 34.9 12.6 52.6

64 44.6 27.0 67.0





#9

Benzaldehyde

Concen: 35.621 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

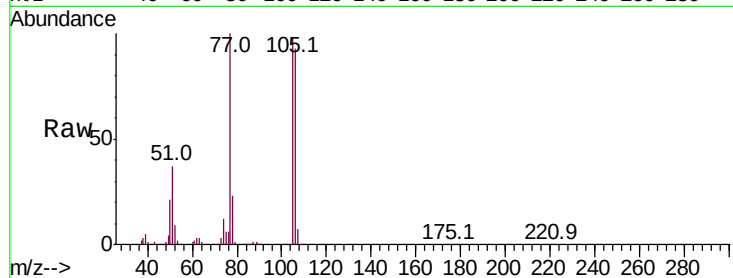
Tot Ion: 77 Resp: 114009

Ion Ratio Lower Upper

77 100

105 97.6 68.5 108.5

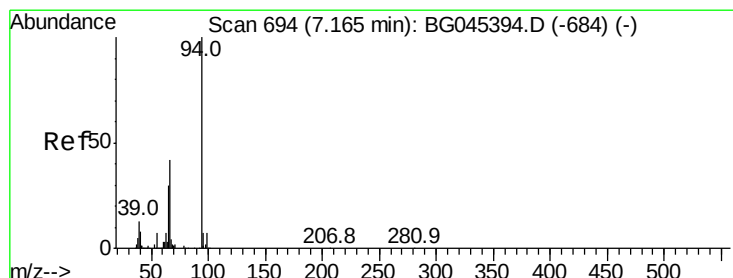
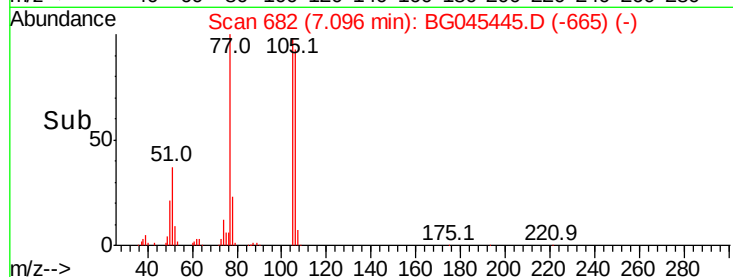
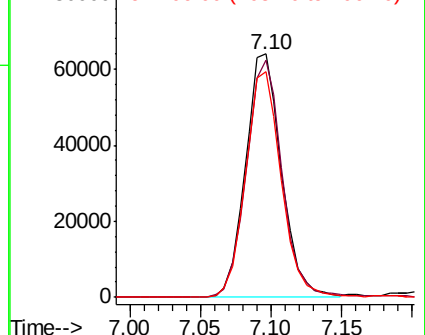
106 92.7 71.6 111.6



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: 47.866 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

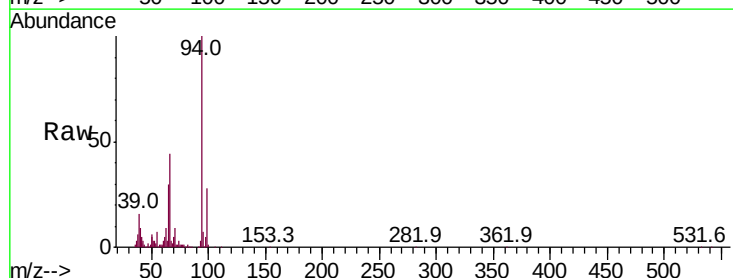
Tgt Ion: 94 Resp: 242346

Ion Ratio Lower Upper

94 100

65 29.8 9.8 49.8

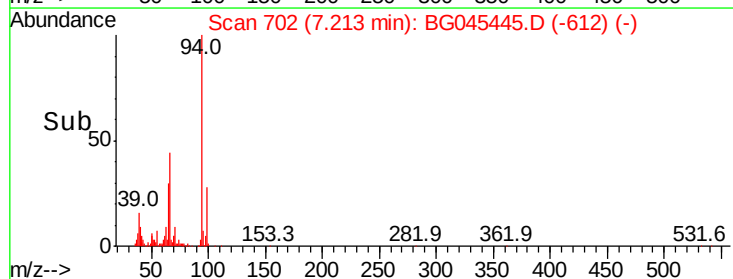
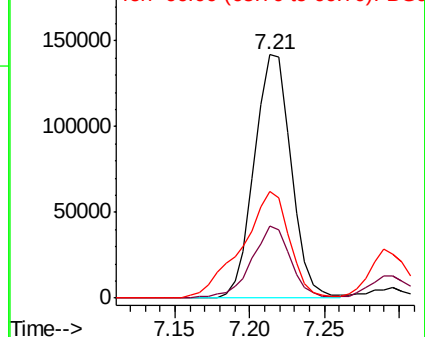
66 43.9 22.0 62.0

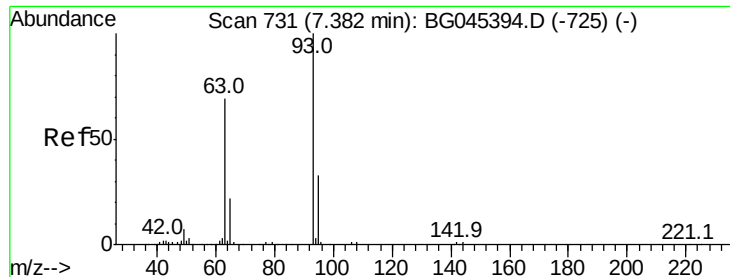


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

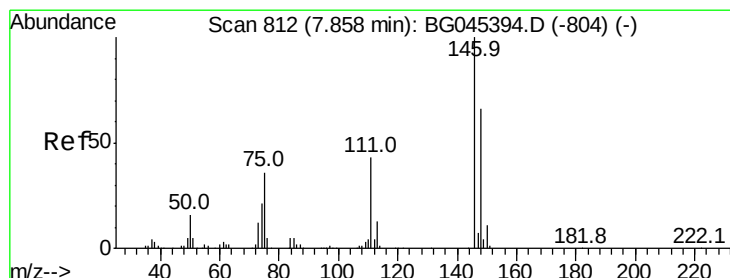
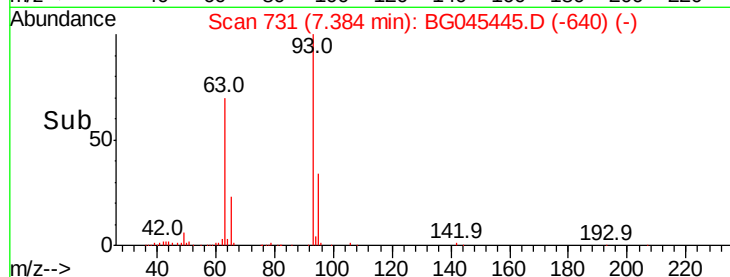
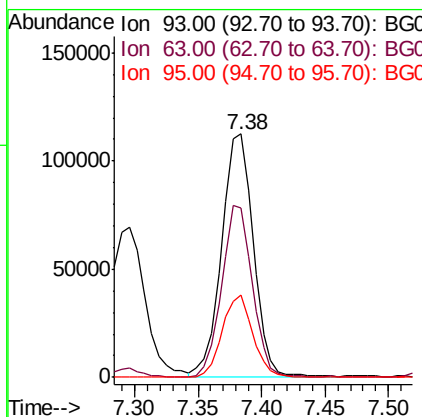
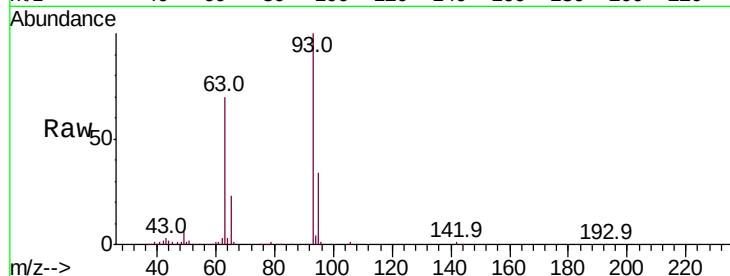




#11
bis(2-Chloroethyl)ether
Concen: 49.142 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

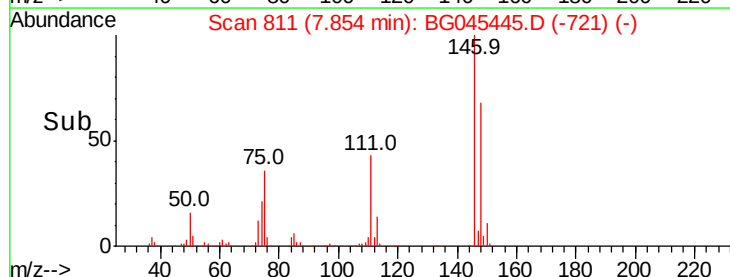
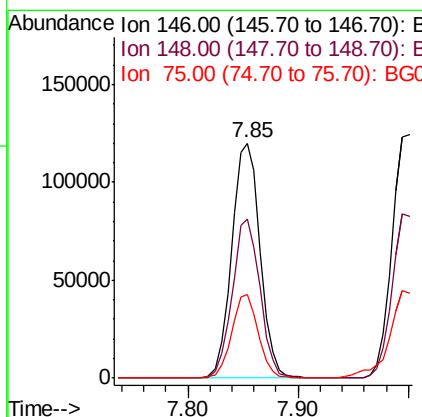
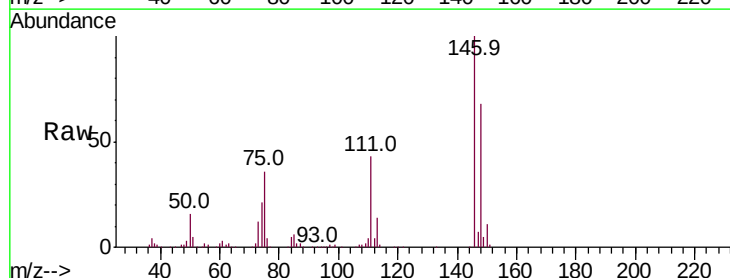
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

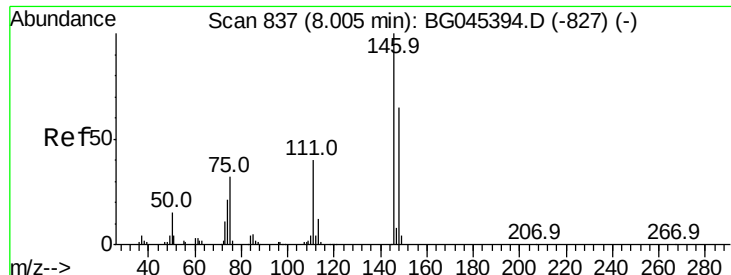
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	48.4	88.4
95	33.6	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 47.275 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	53.2	79.8
75	35.8	28.6	43.0

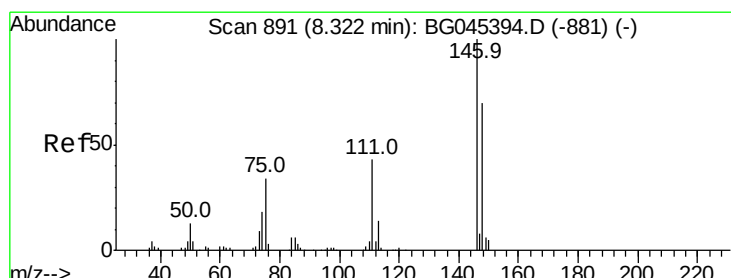
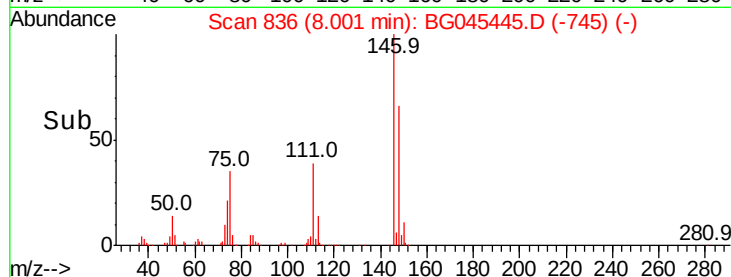
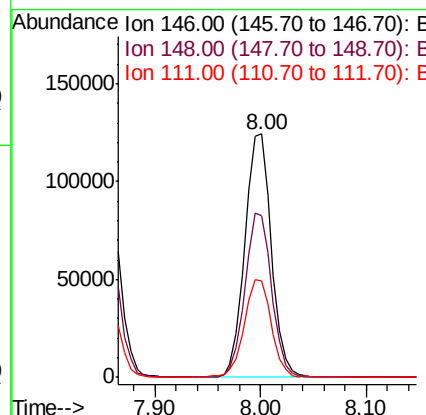
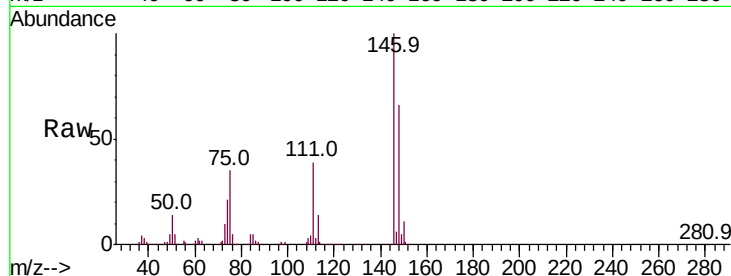




#13
 1,4-Dichlorobenzene
 Concen: 48.064 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

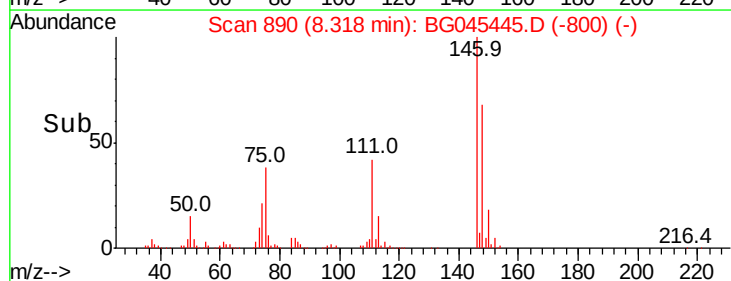
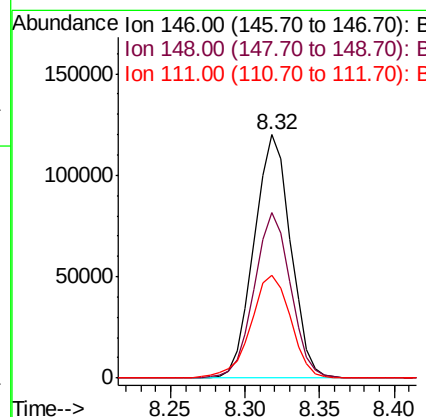
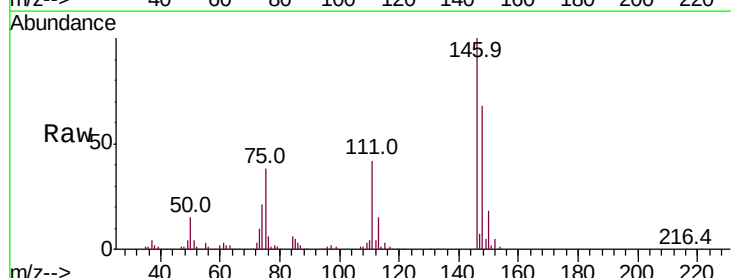
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

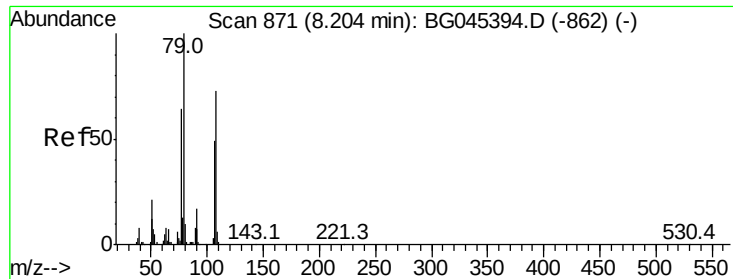
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
111	39.4	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 47.019 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	55.9	83.9
111	42.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 51.675 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

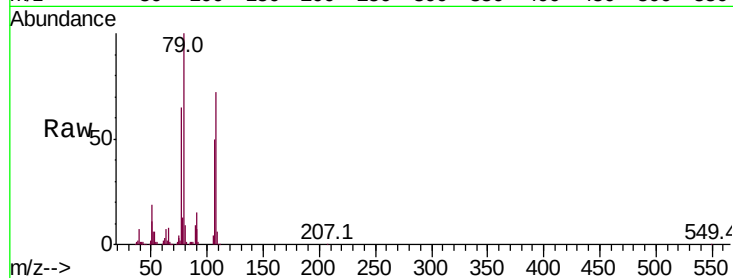
Tot Ion: 79 Resp: 209706

Ion Ratio Lower Upper

79 100

108 72.5 58.2 87.4

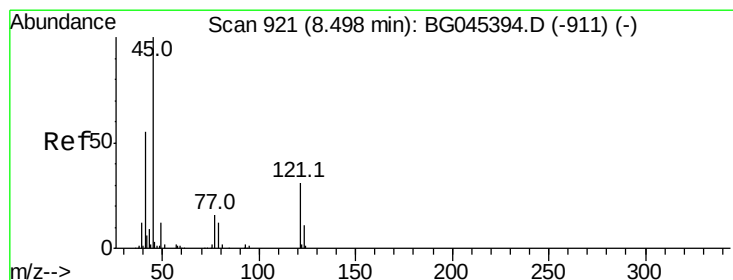
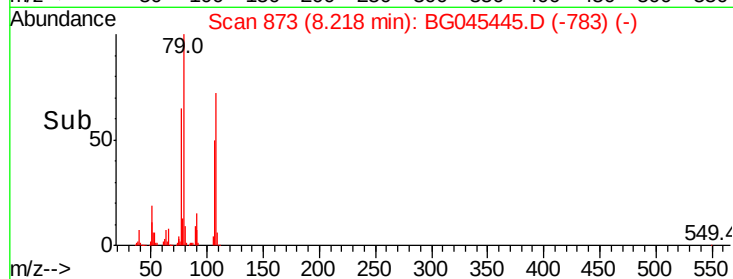
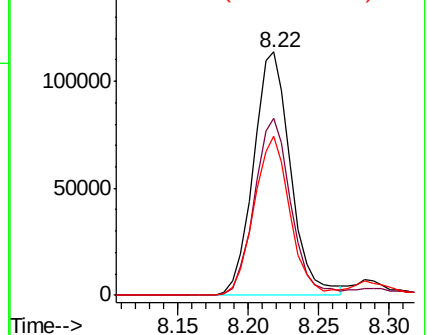
77 65.1 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.415 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

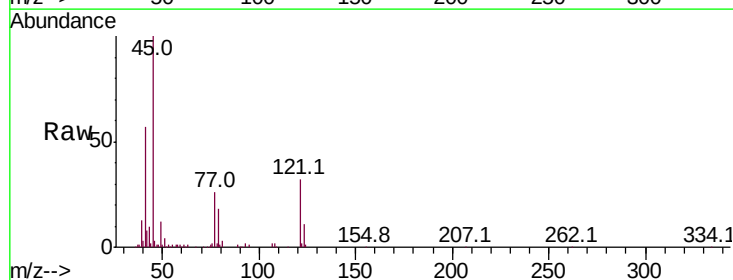
Tgt Ion: 45 Resp: 177742

Ion Ratio Lower Upper

45 100

77 26.5 4.0 44.0

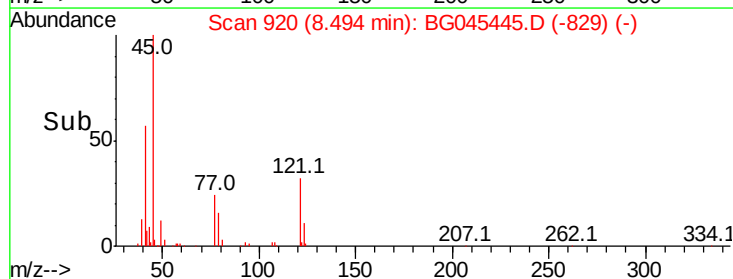
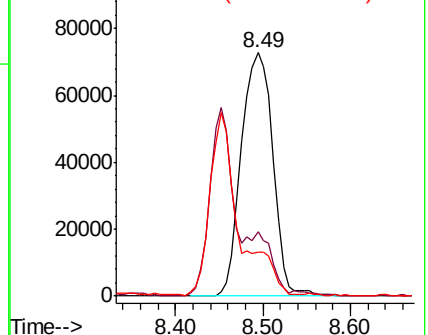
79 17.9 0.0 38.6

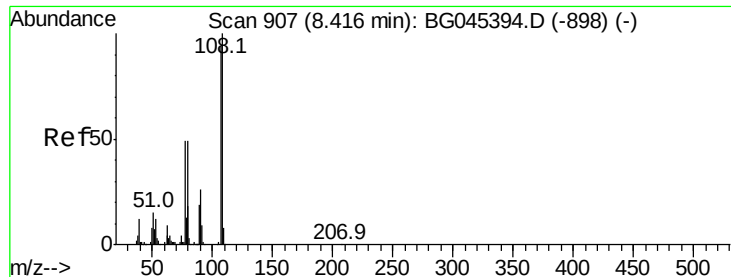


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.219 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

Tot Ion:107 Resp: 186519

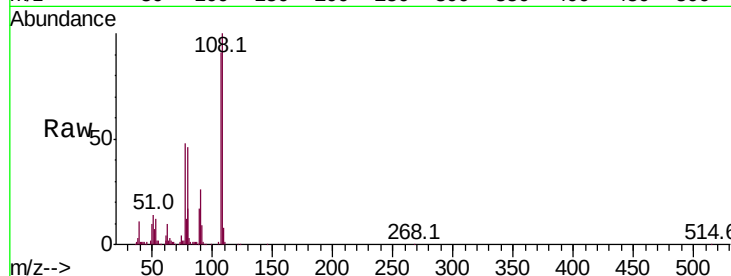
Ion Ratio Lower Upper

107 100

108 109.5 85.2 127.8

77 52.2 41.6 62.4

79 50.9 41.8 62.8

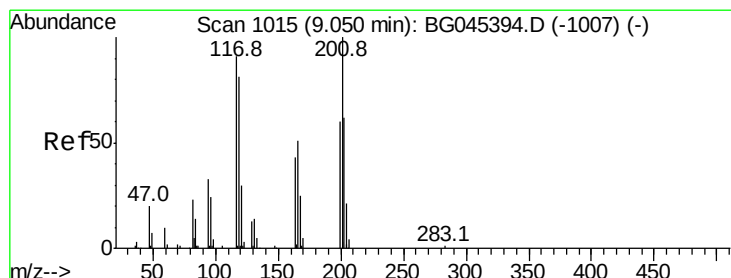
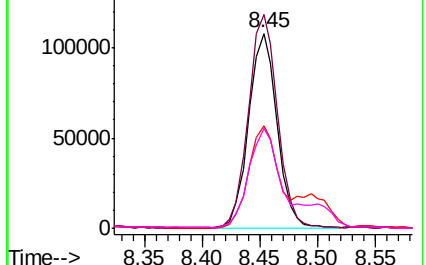
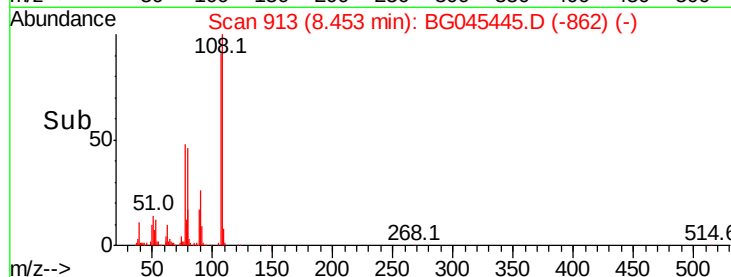


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.501 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

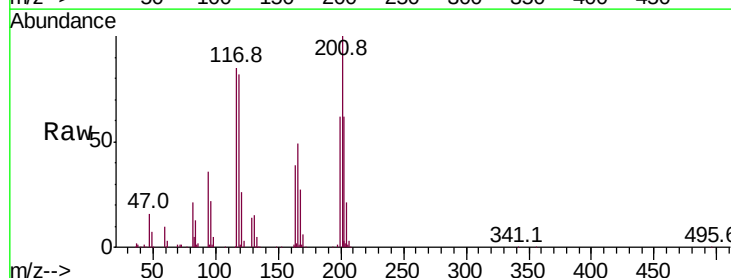
Tgt Ion:117 Resp: 83381

Ion Ratio Lower Upper

117 100

119 97.4 71.3 106.9

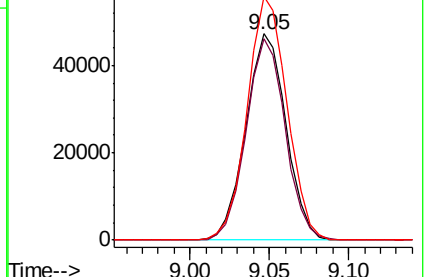
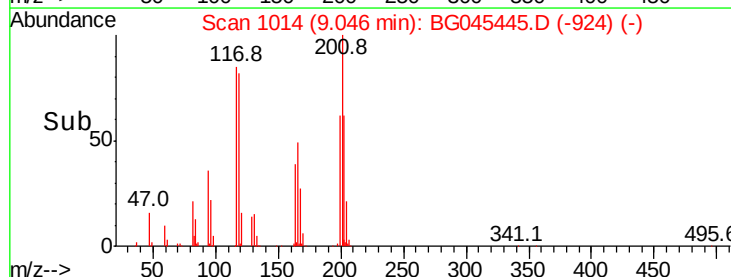
201 118.1 87.5 131.3

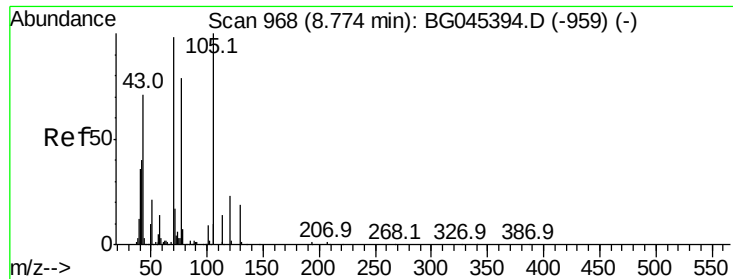


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

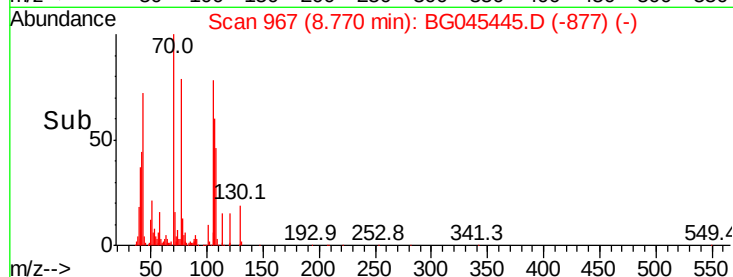
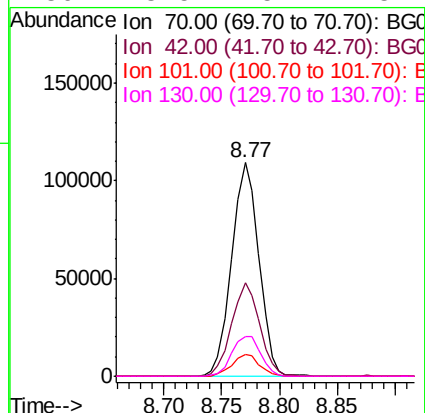
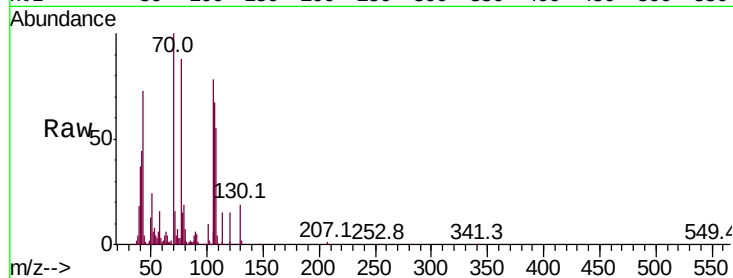




#19
n-Nitroso-di-n-propylamine
Concen: 52.603 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

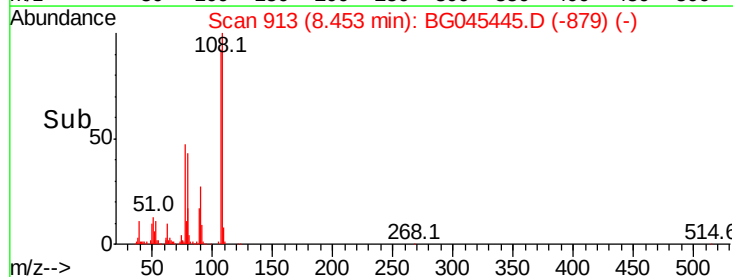
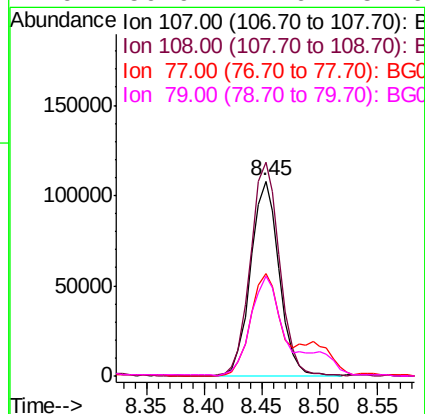
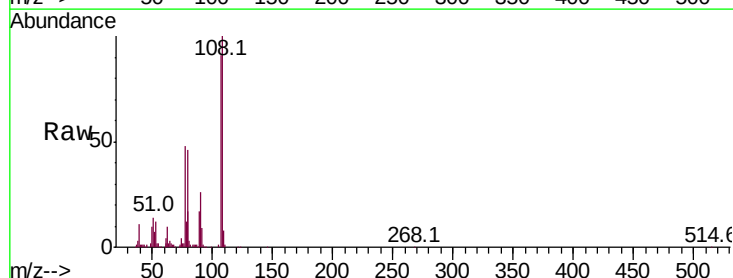
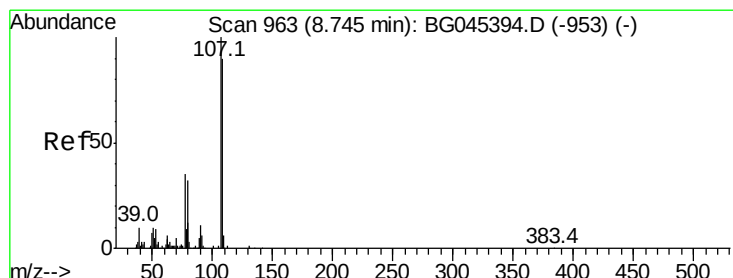
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

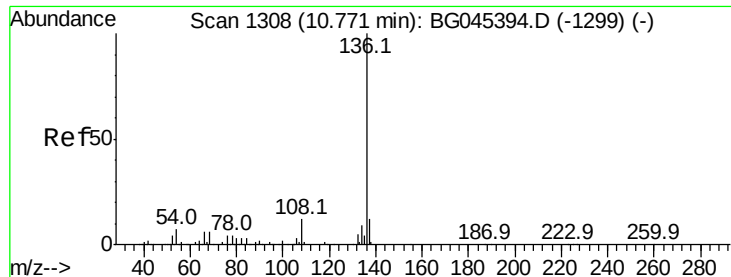
Tot Ion:	70	Resp:	178695
Ion	Ratio	Lower	Upper
70	100		
42	43.8	33.2	49.8
101	10.2	7.8	11.6
130	18.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 36.144 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.33 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:	107	Resp:	186519
Ion	Ratio	Lower	Upper
107	100		
108	109.5	70.3	110.3
77	52.2	15.4	55.4
79	50.9	12.6	52.6

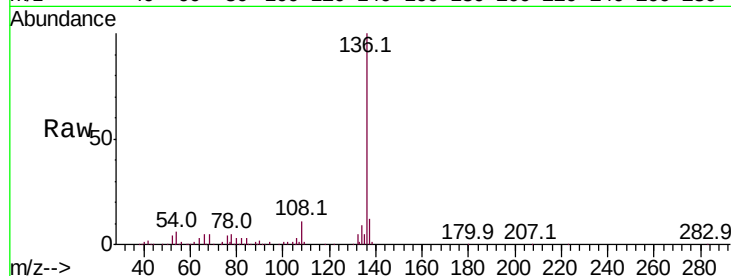




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion:136	Resp:	268189	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.4	14.2	
54 6.3	5.8	8.6	
68 5.2	4.5	6.7	



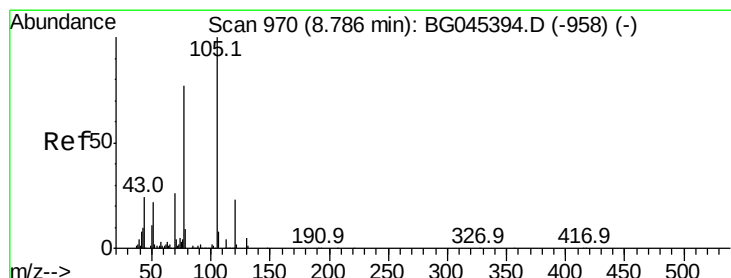
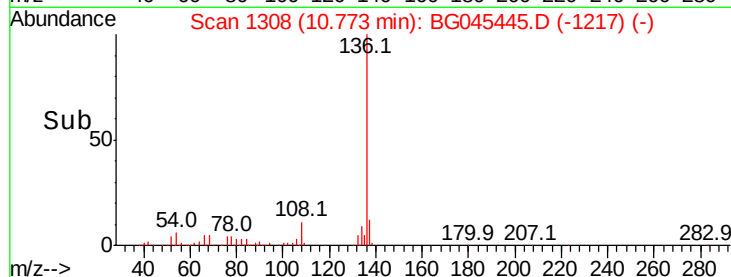
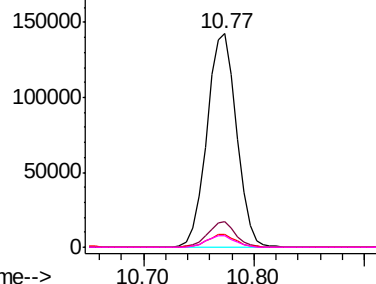
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

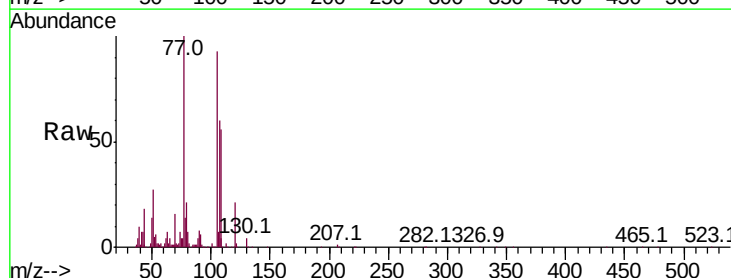
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 50.594 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt	Ion:105	Resp:	321595
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.0#
51	28.6	18.2	27.2#
120	22.3	18.6	27.8



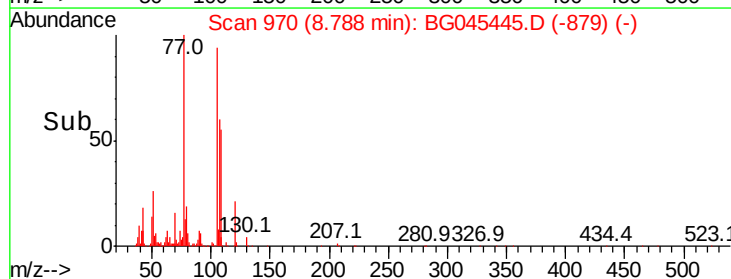
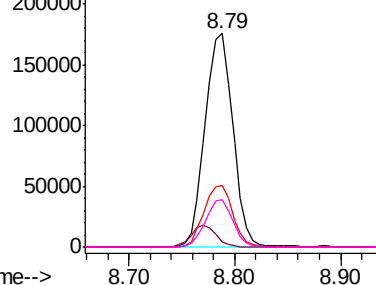
Abundance

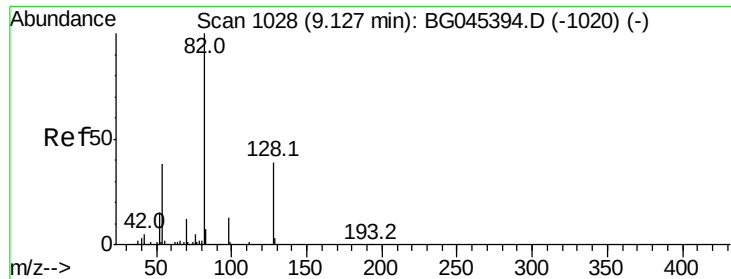
Ion 105.00 (104.70 to 105.70): E

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

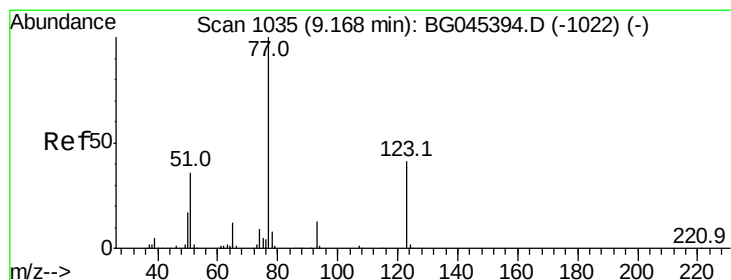
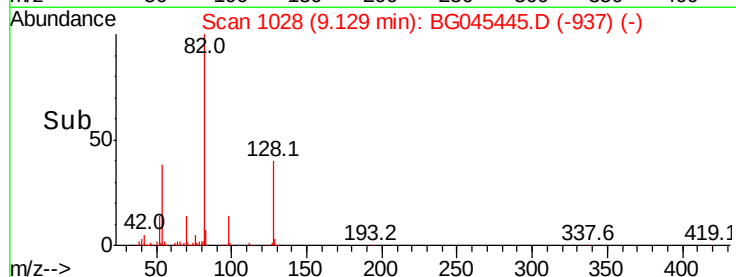
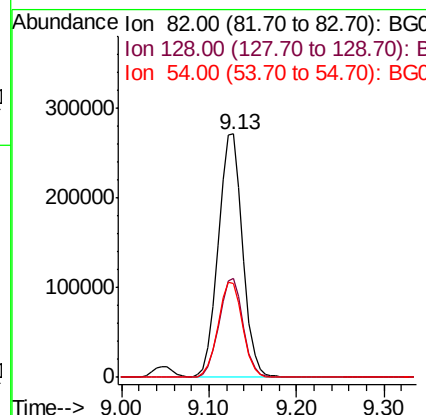
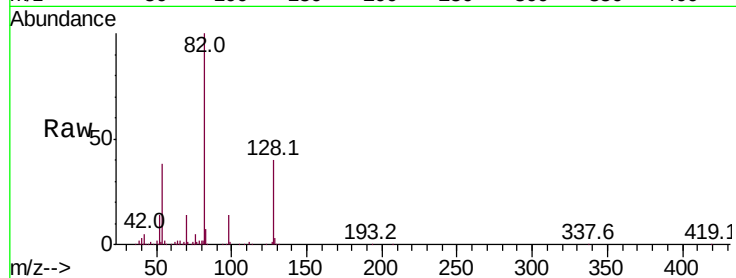




#23
 Nitrobenzene-d5
 Concen: 106.049 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

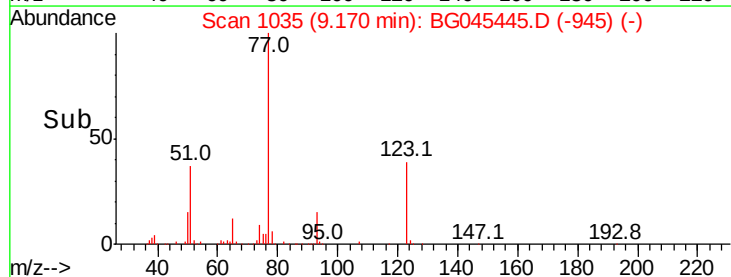
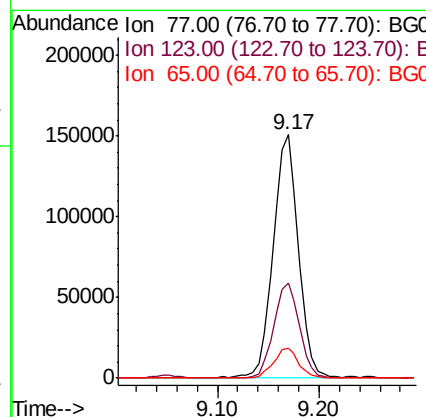
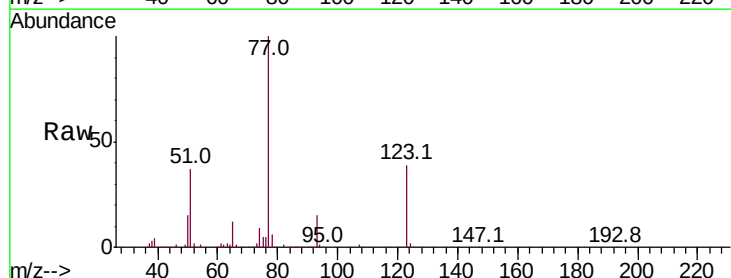
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

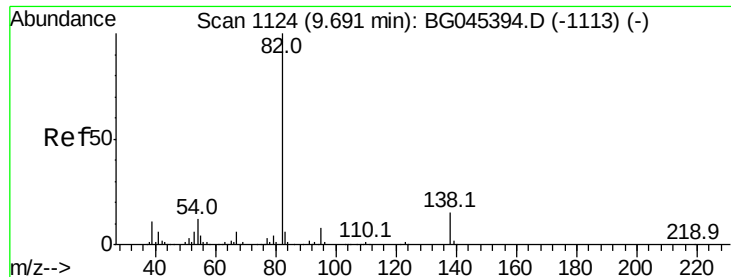
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	38.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 50.089 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	32.9	49.3
65	12.0	9.4	14.2





#25

Isophorone

Concen: 50.691 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

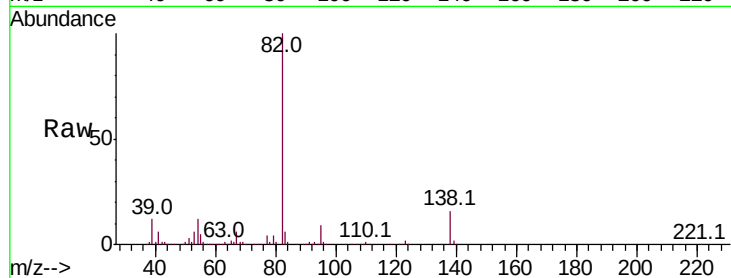
Tot Ion: 82 Resp: 490967

Ion Ratio Lower Upper

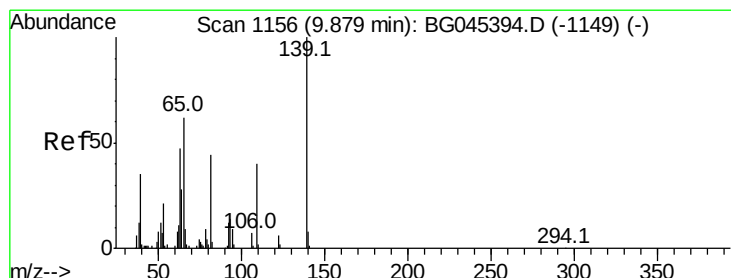
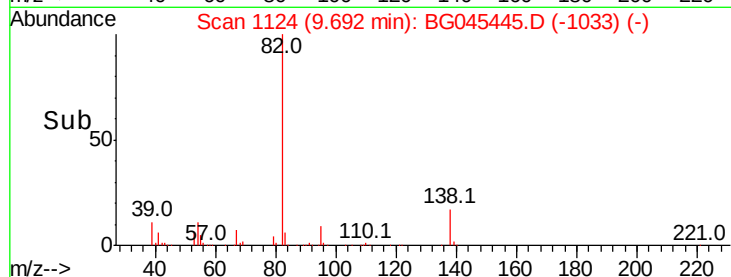
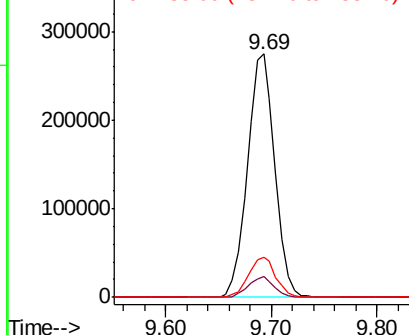
82 100

95 8.6 6.7 10.1

138 16.2 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.803 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

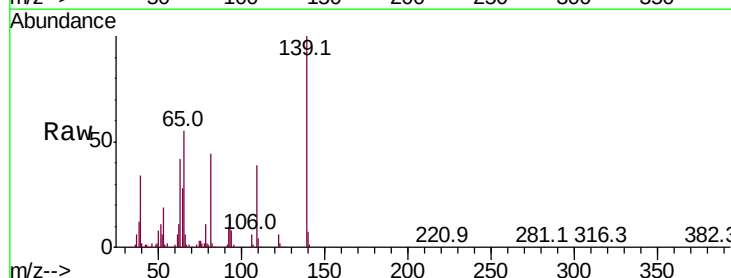
Tgt Ion: 139 Resp: 119022

Ion Ratio Lower Upper

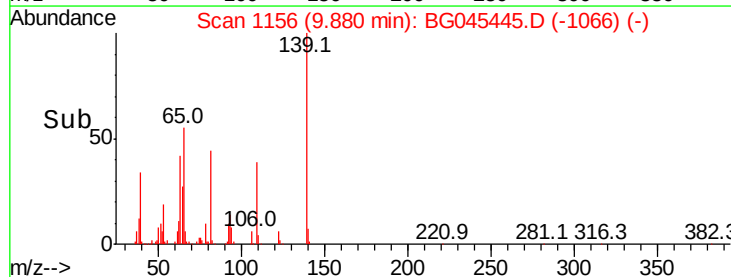
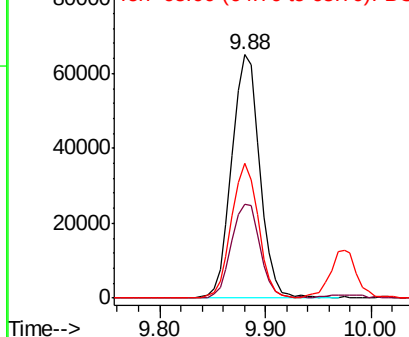
139 100

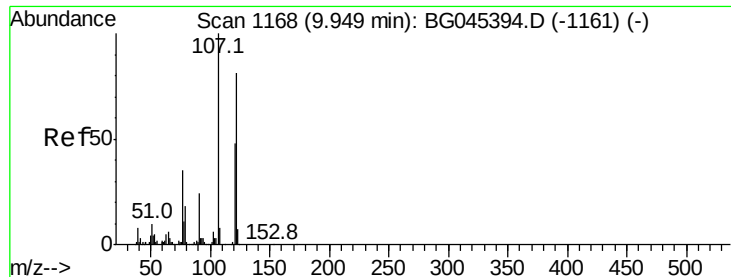
109 38.7 32.2 48.4

65 55.4 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: 59.791 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

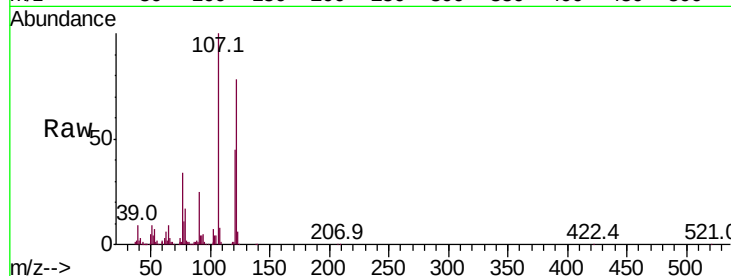
Tot Ion:122 Resp: 199890

Ion Ratio Lower Upper

122 100

107 128.1 99.0 148.4

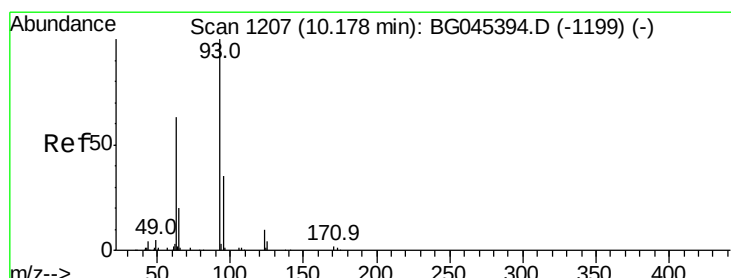
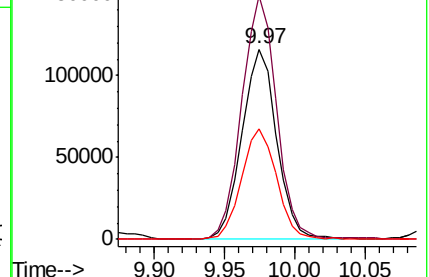
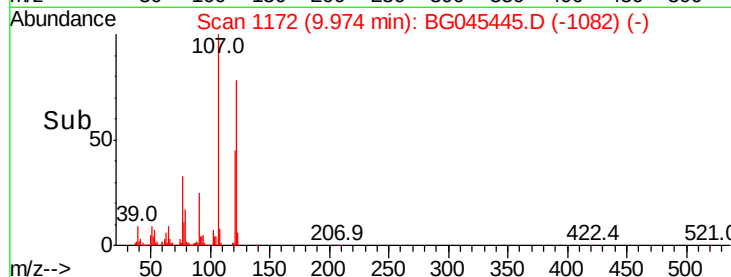
121 58.2 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.623 ng

RT: 10.17 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

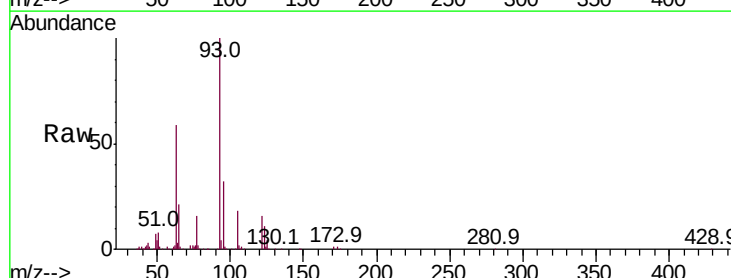
Tgt Ion: 93 Resp: 267294

Ion Ratio Lower Upper

93 100

95 31.8 27.6 41.4

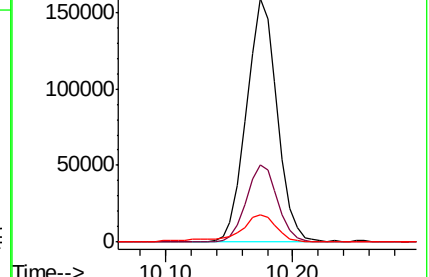
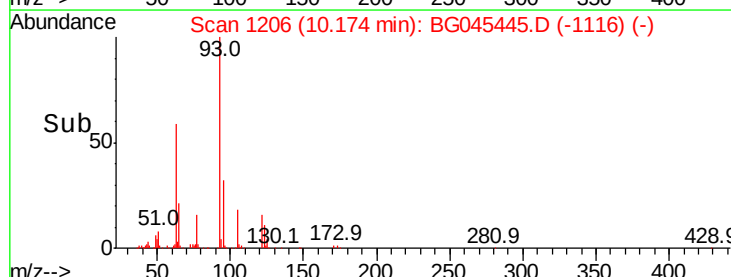
123 11.0 8.1 12.1

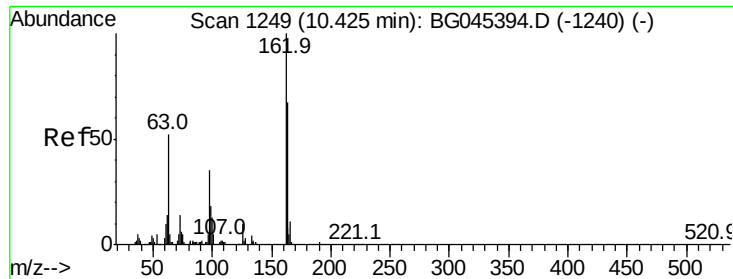


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

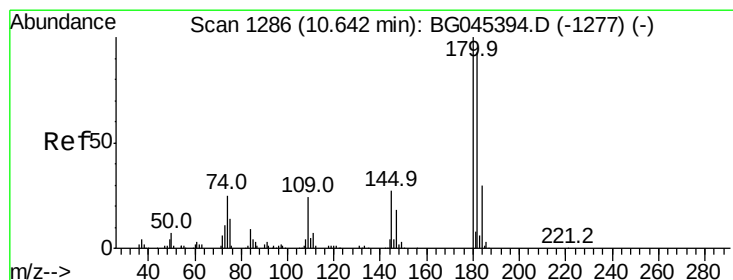
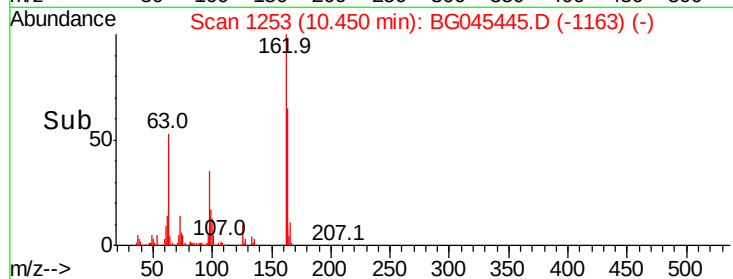
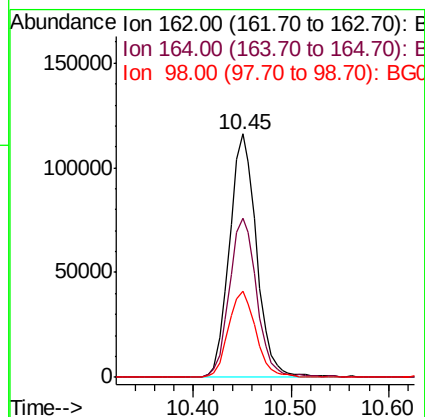
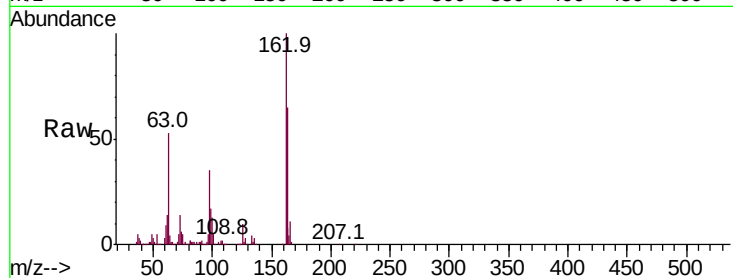




#29
 2,4-Dichlorophenol
 Concen: 56.533 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

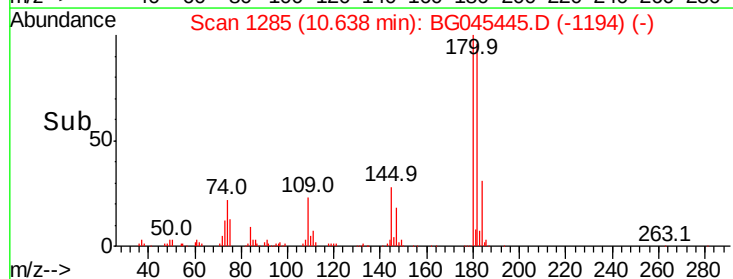
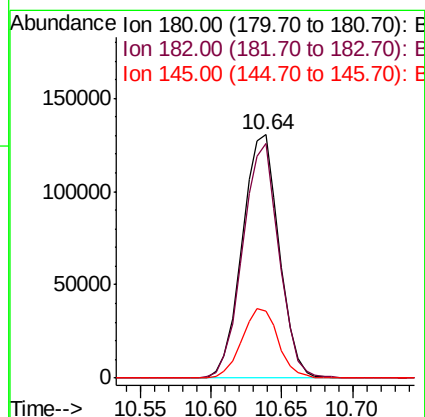
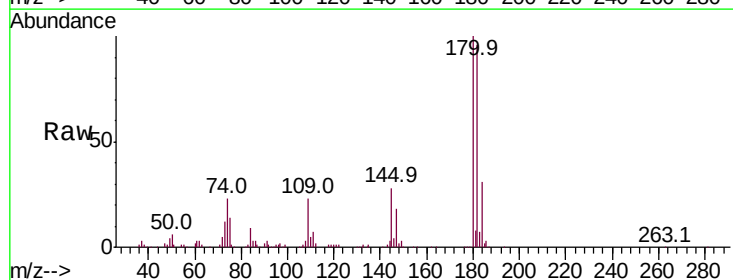
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

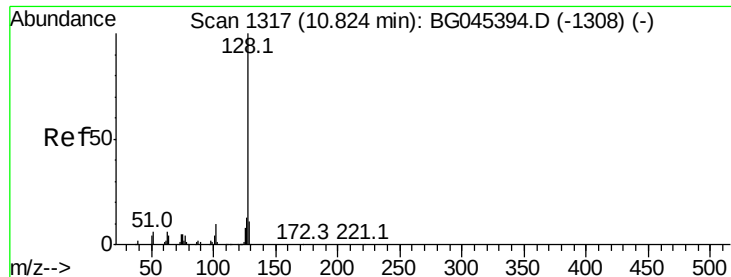
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.8	86.8
98	35.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 51.096 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.8	112.2
145	27.6	21.9	32.9

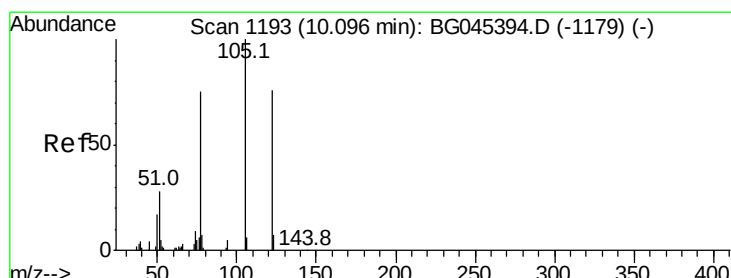
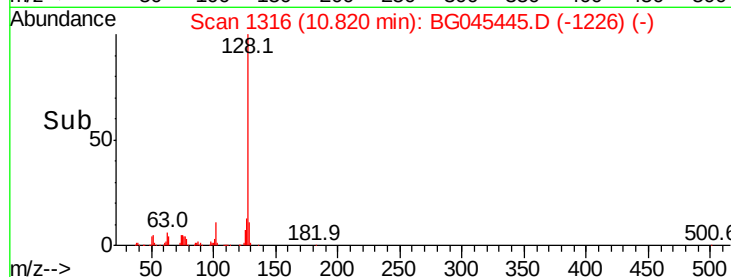
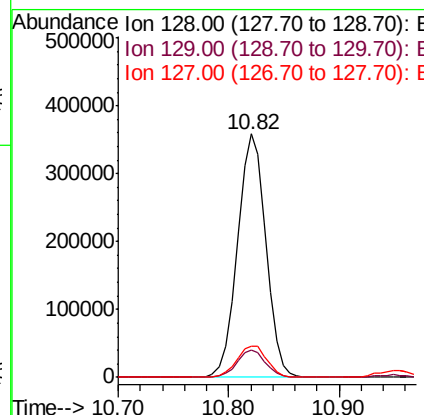
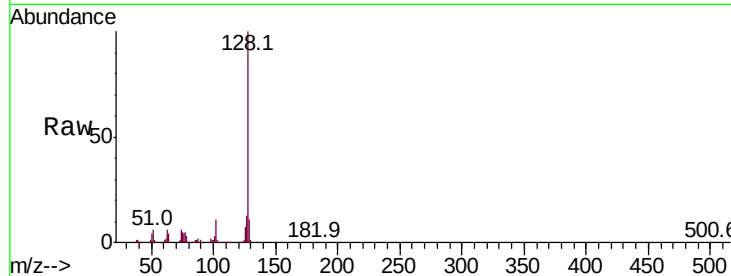




#31
Naphthalene
Concen: 51.697 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

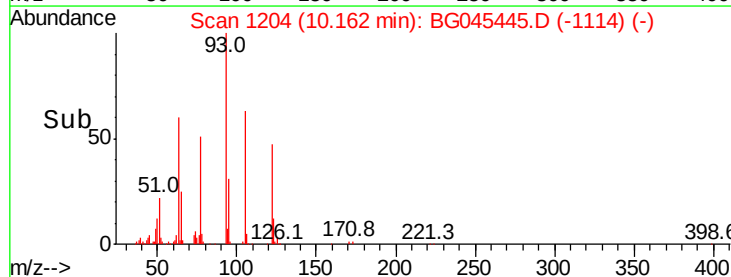
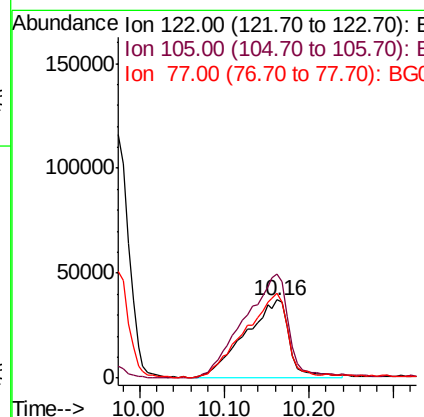
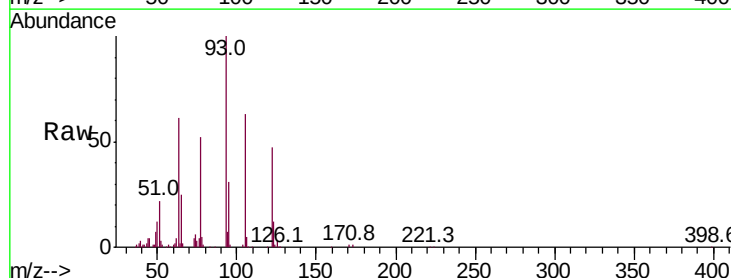
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

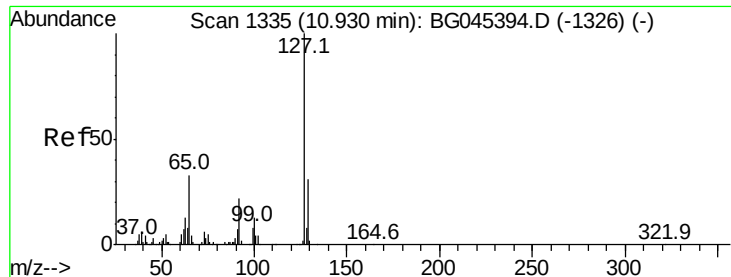
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.7	16.1



#32
Benzoic acid
Concen: 56.675 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	107.9	147.9
77	109.4	78.9	118.9

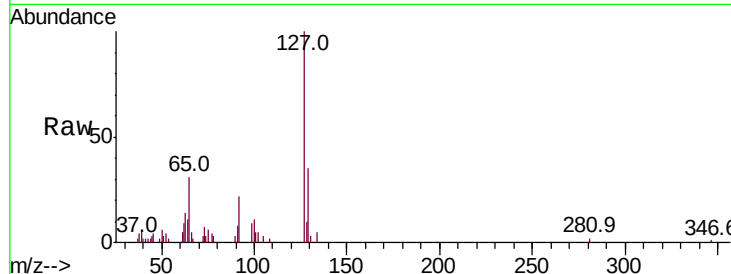




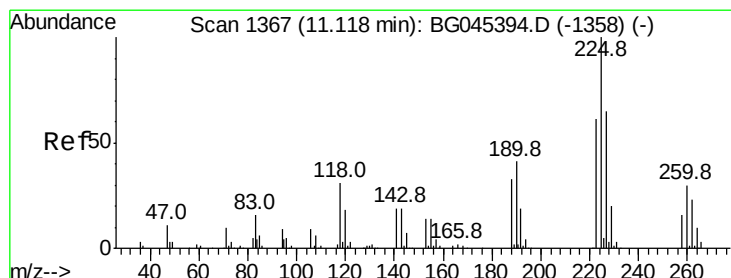
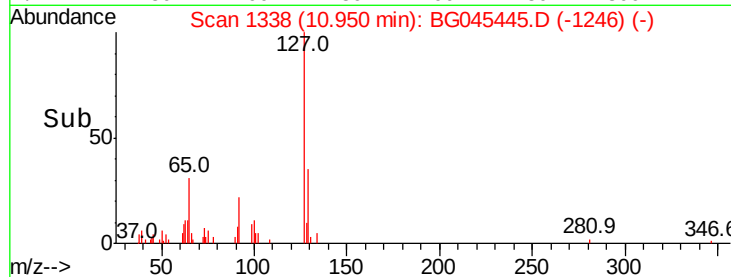
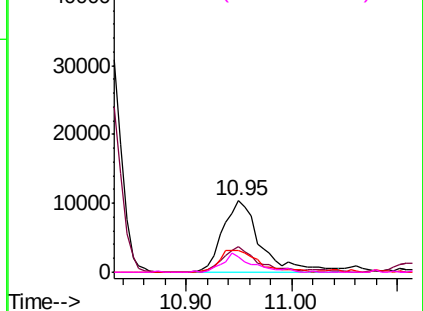
#33
4-Chloroaniline
Concen: 4.975 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion:127	Resp:	25987
Ion Ratio	Lower	Upper
127	100	
129	35.2	24.7 37.1
65	30.6	26.2 39.2
92	21.7	17.9 26.9

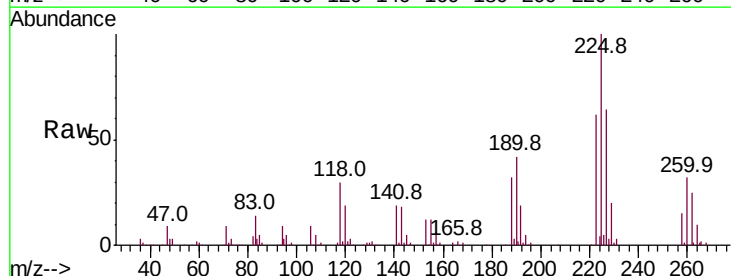


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

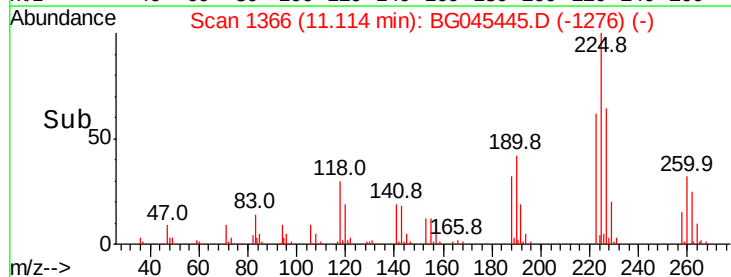
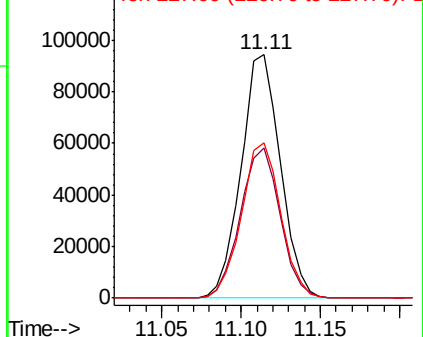


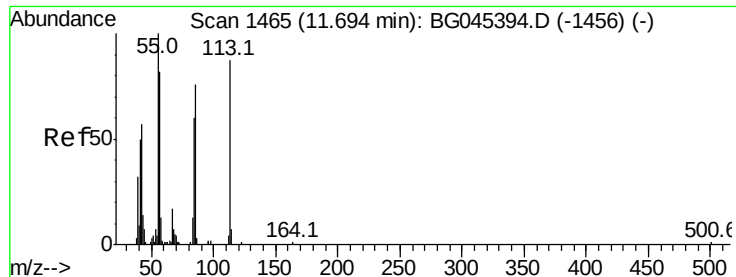
#34
Hexachlorobutadiene
Concen: 49.355 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:225	Resp:	162747
Ion Ratio	Lower	Upper
225	100	
223	61.8	49.1 73.7
227	63.6	52.0 78.0



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





#35

Caprolactam

Concen: 26.451 ng

RT: 11.71 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

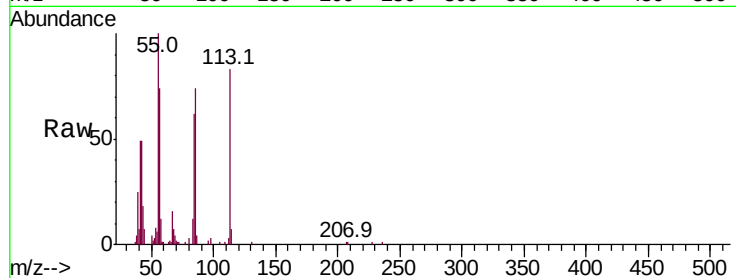
Tot Ion:113 Resp: 38329

Ion Ratio Lower Upper

113 100

55 120.7 96.0 136.0

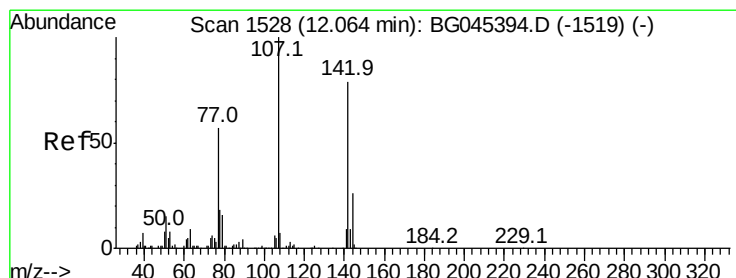
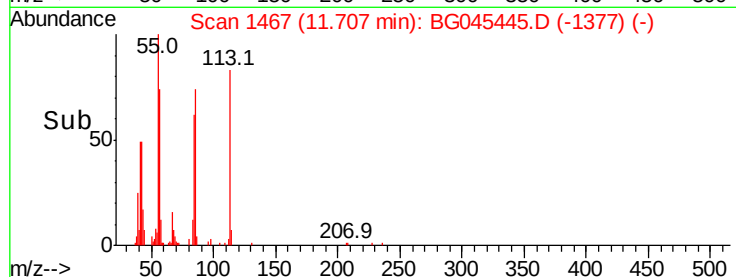
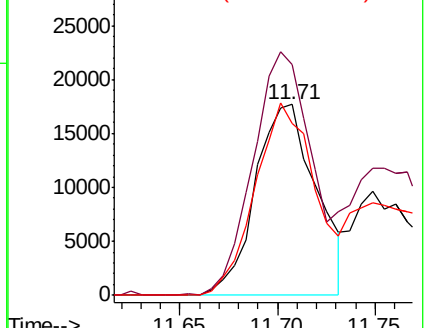
56 89.8 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 57.049 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

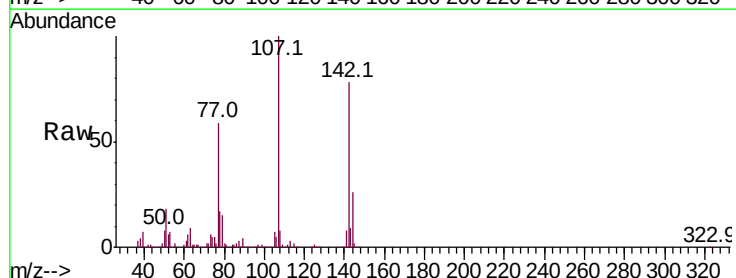
Tgt Ion:107 Resp: 253787

Ion Ratio Lower Upper

107 100

144 25.8 20.8 31.2

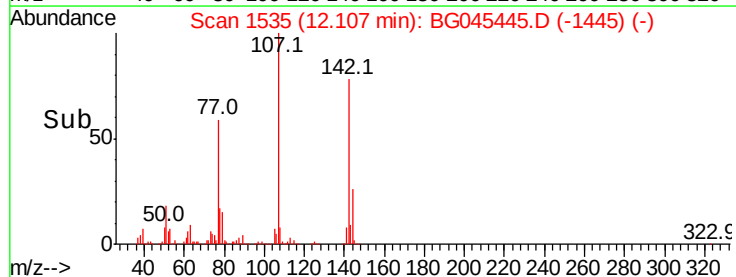
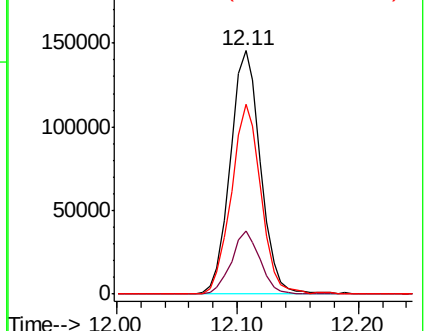
142 78.2 62.8 94.2

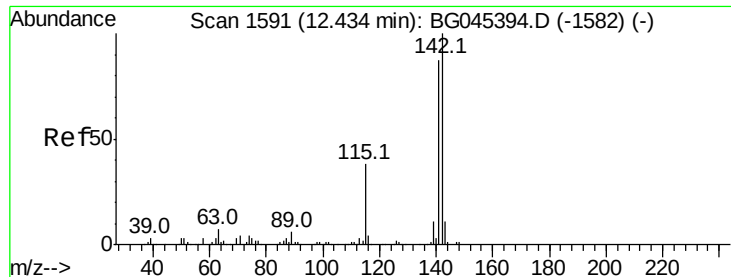


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

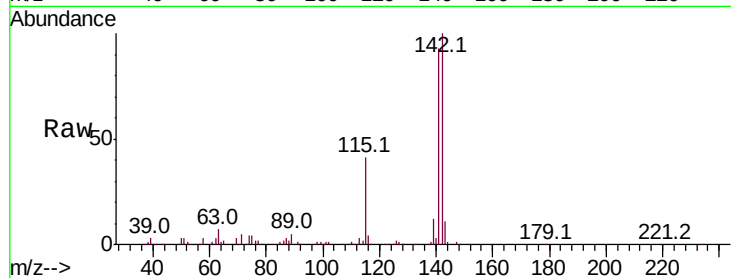




#37
2-Methylnaphthalene
Concen: 52.848 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.0	105.0
115	40.8	30.8	46.2

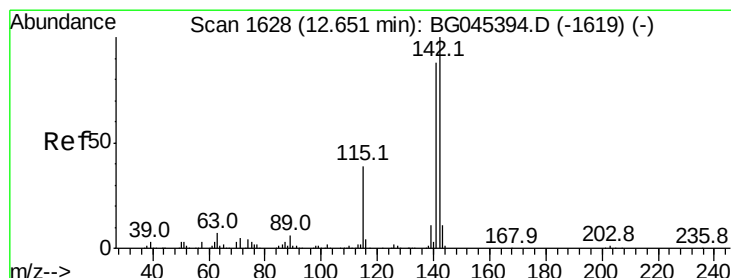
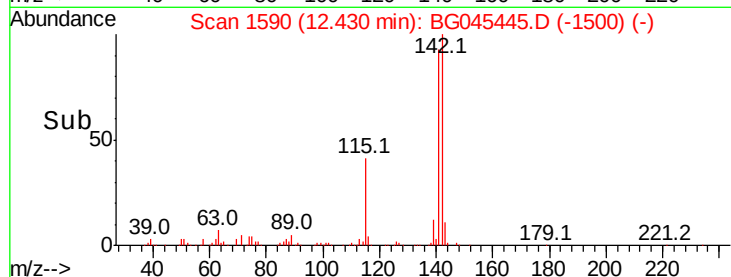
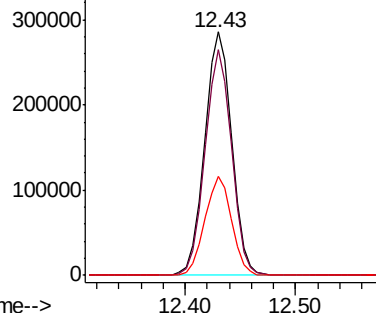


Abundance

Ion 142.00 (141.70 to 142.70): E

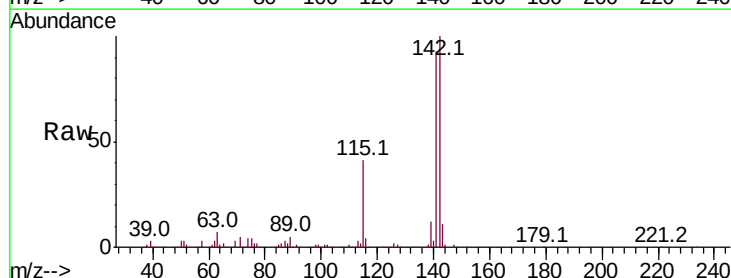
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 55.946 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.22 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.8	106.2
116	4.0	3.0	4.6

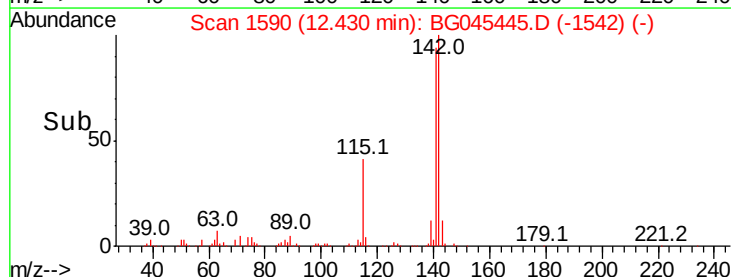
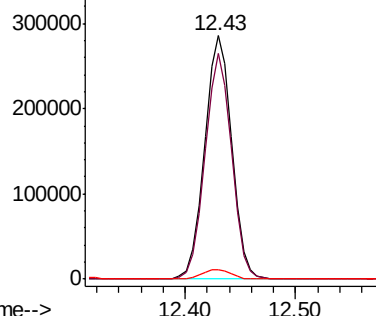


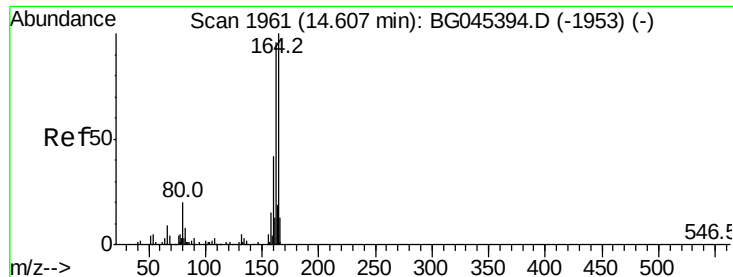
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

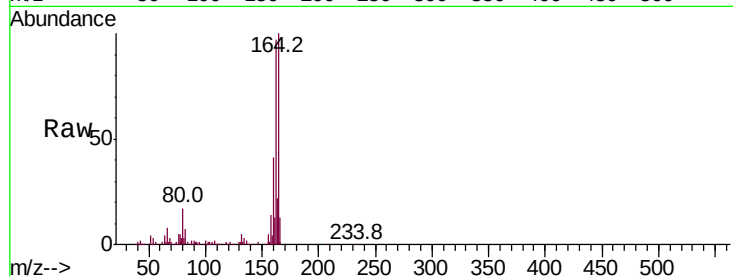
Tot Ion:164 Resp: 202419

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

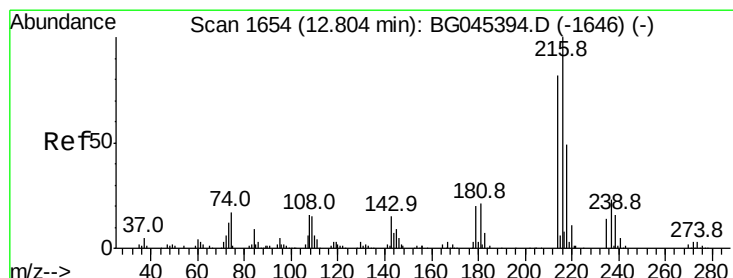
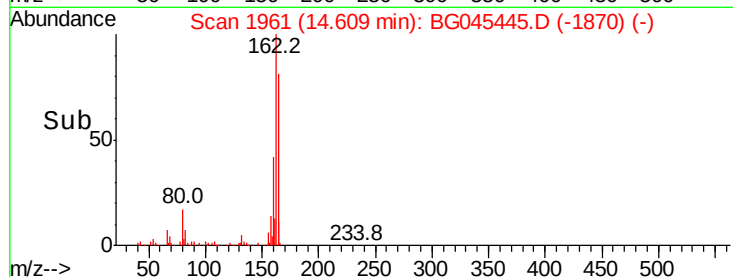
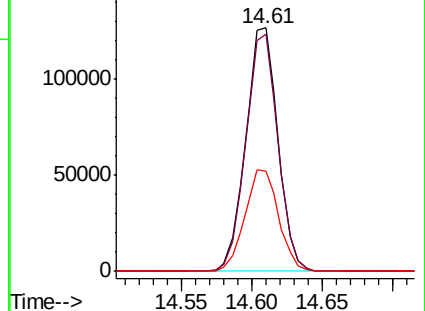
160 41.3 33.8 50.8



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: 49.778 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Tgt Ion:216 Resp: 281440

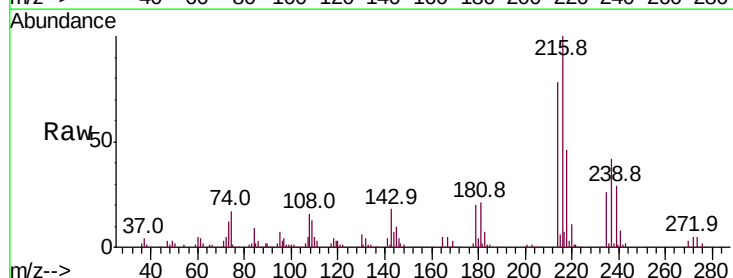
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.1 16.1 24.1

108 19.1 13.8 20.6

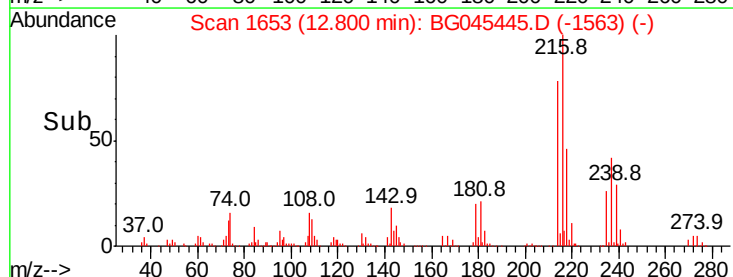
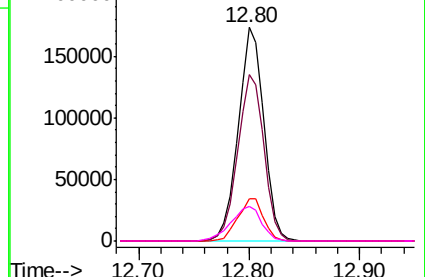


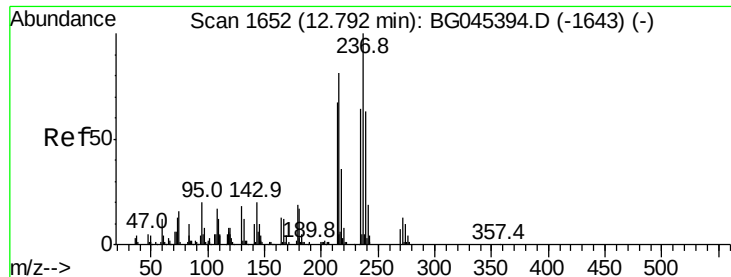
Abundance Ion 216.00 (215.70 to 216.70): E

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: 114.812 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

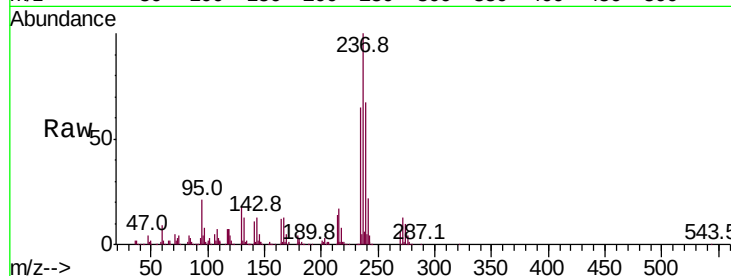
Tot Ion:237 Resp: 374667

Ion Ratio Lower Upper

237 100

235 65.3 44.4 84.4

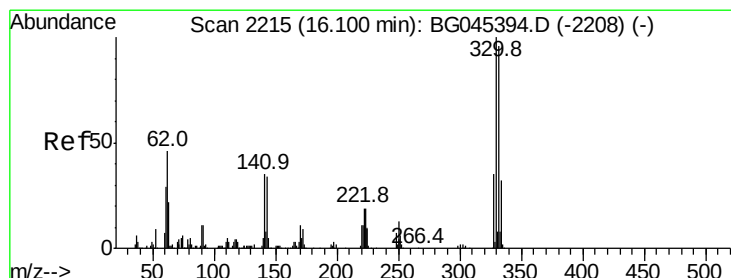
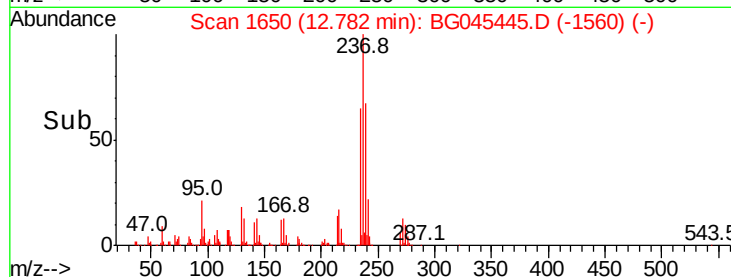
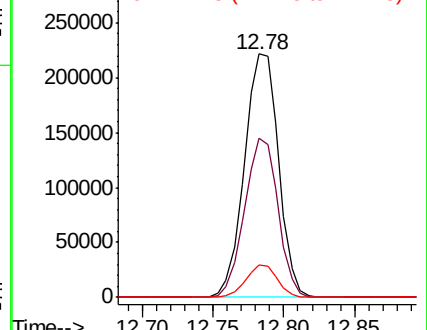
272 13.3 0.0 32.5



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: 160.603 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

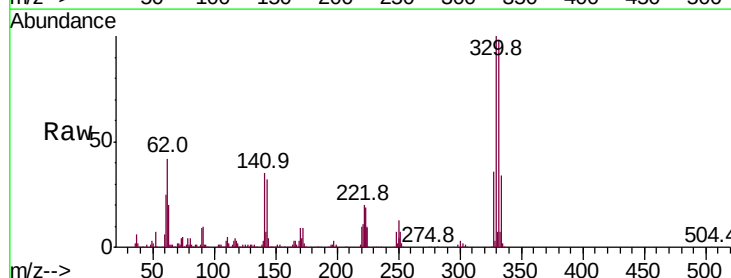
Tgt Ion:330 Resp: 415755

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

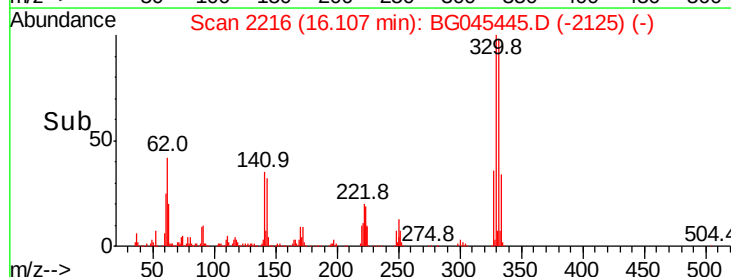
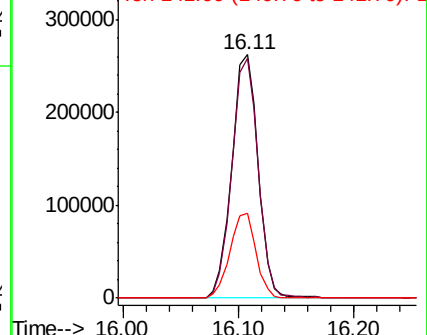
141 34.6 28.2 42.4

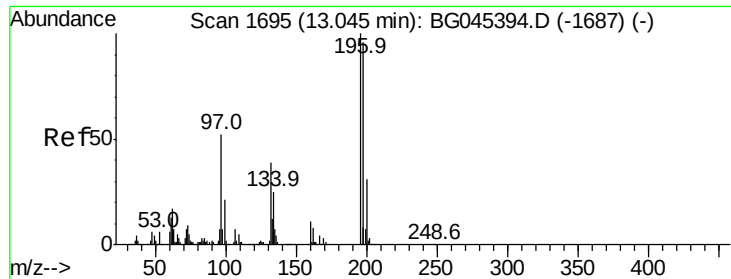


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

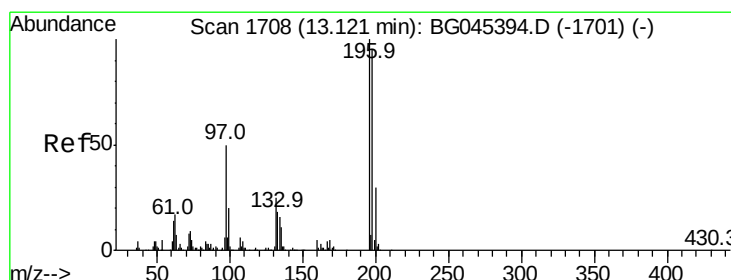
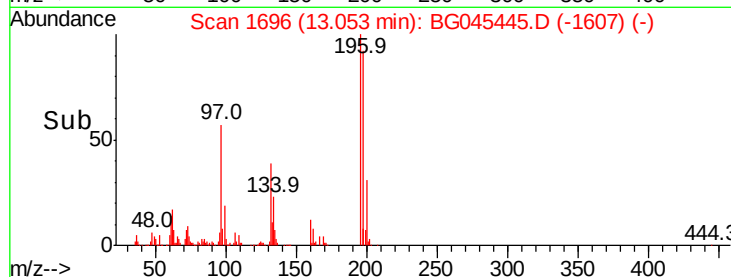
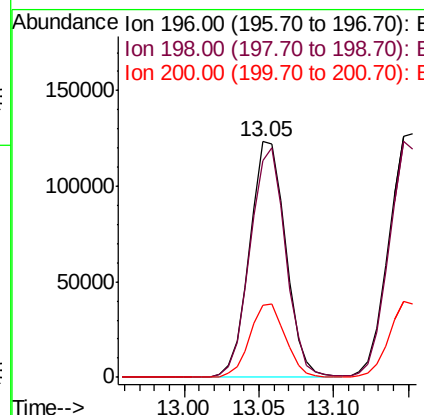
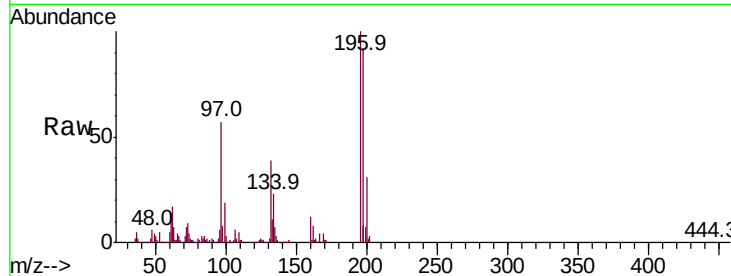




#43
2,4,6-Trichlorophenol
Concen: 52.530 ng
RT: 13.05 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

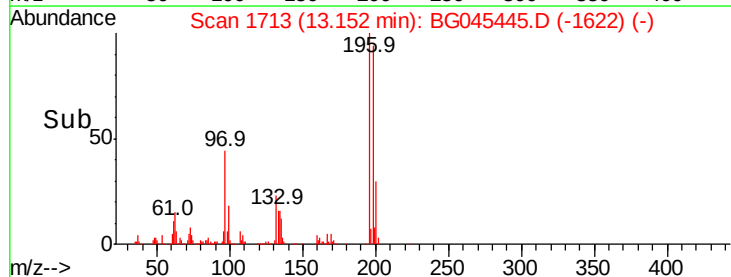
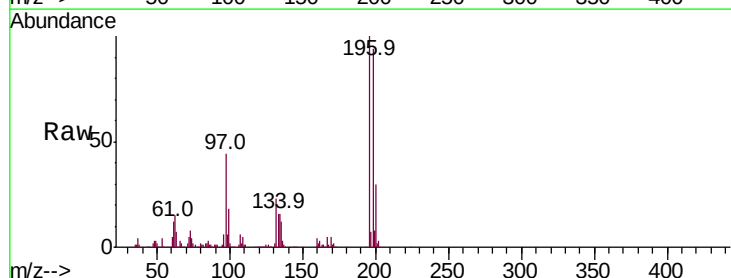
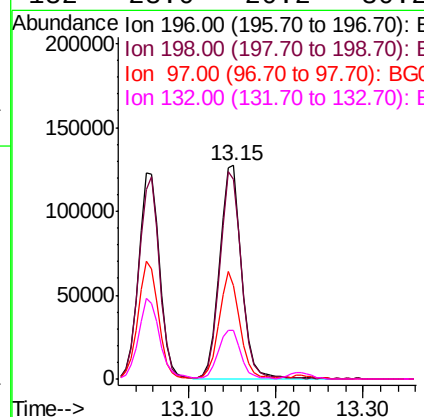
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

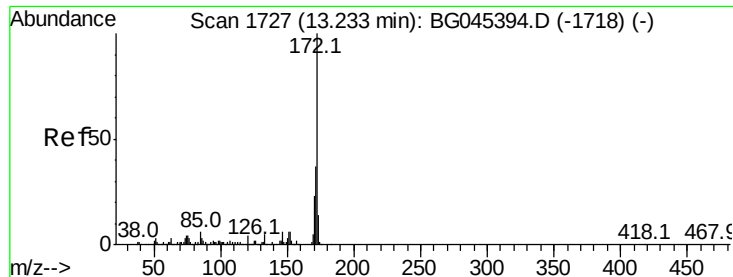
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.9	76.7	115.1
200	30.6	24.9	37.3



#44
2,4,5-Trichlorophenol
Concen: 49.439 ng
RT: 13.15 min Scan# 1713
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.1	114.1
97	44.0	40.0	60.0
132	23.0	20.2	30.2

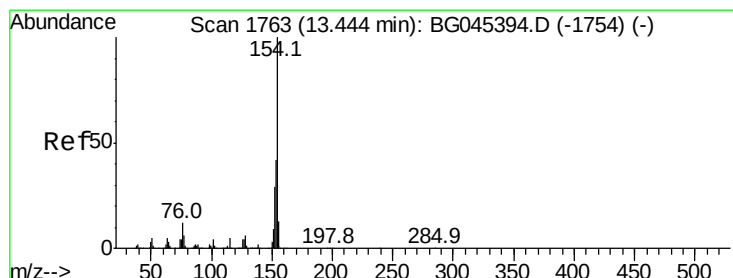
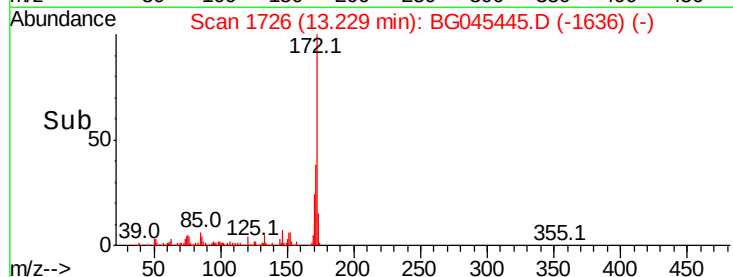
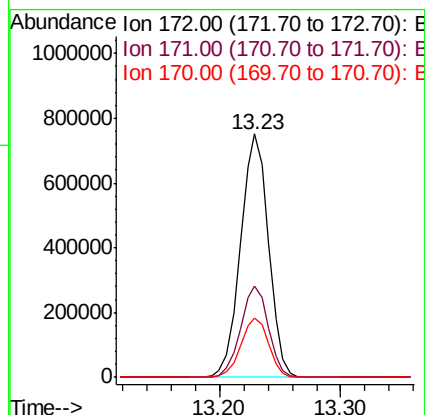
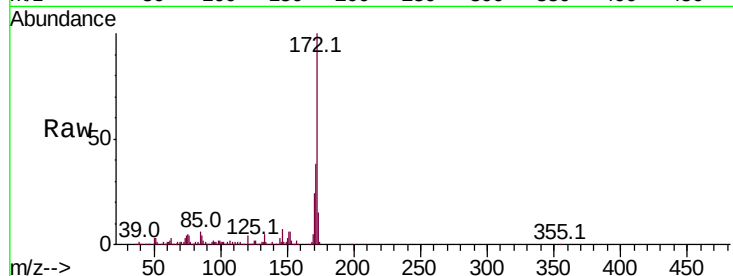




#45
2-Fluorobiphenyl
Concen: 101.209 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

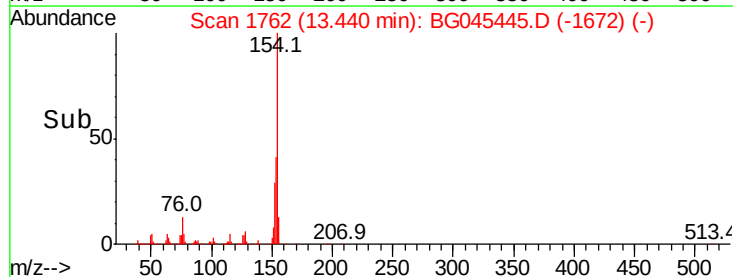
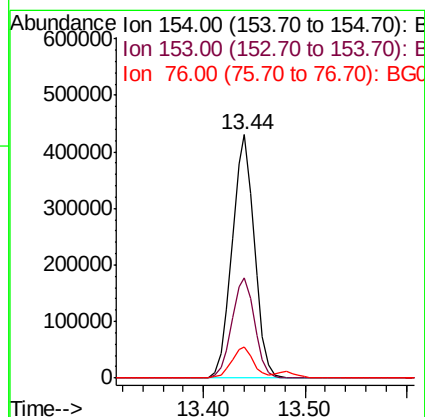
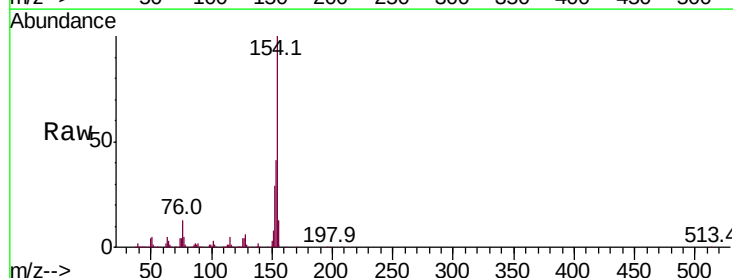
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

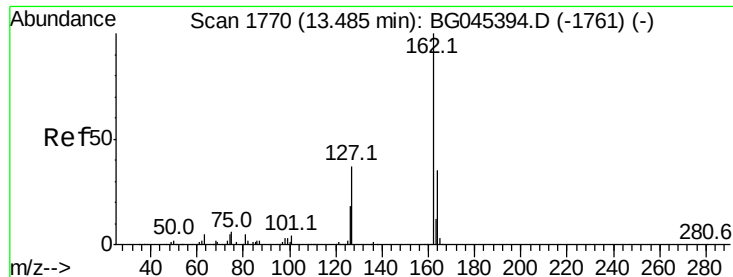
Tot Ion:172 Resp: 1207788
Ion Ratio Lower Upper
172 100
171 37.5 29.5 44.3
170 24.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 52.458 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:154 Resp: 652464
Ion Ratio Lower Upper
154 100
153 41.3 22.2 62.2
76 12.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 49.220 ng

RT: 13.48 min Scan# 1769

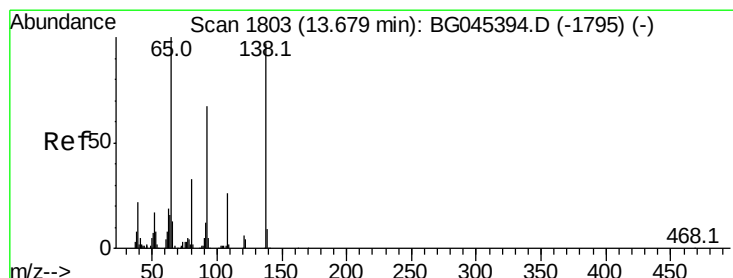
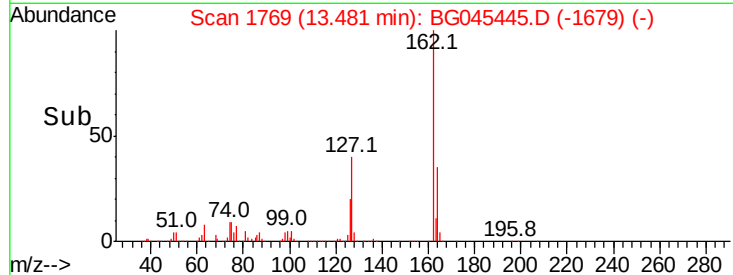
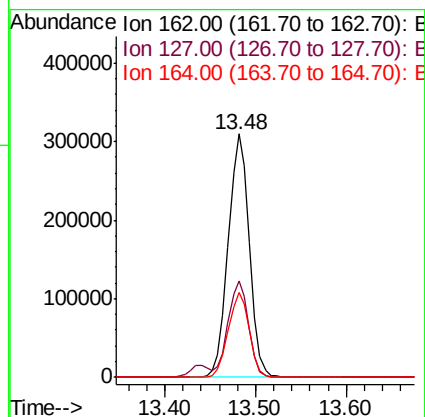
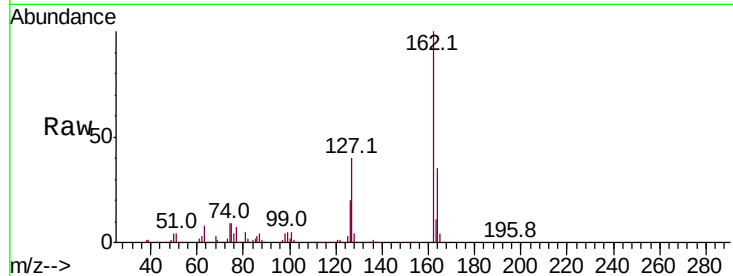
Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion:162	Resp:	497115
Ion Ratio	Lower	Upper
162	100	
127	39.8	31.6 47.4
164	34.8	28.1 42.1



#48

2-Nitroaniline

Concen: 48.151 ng

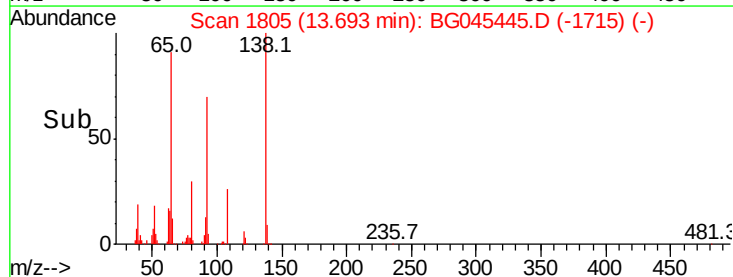
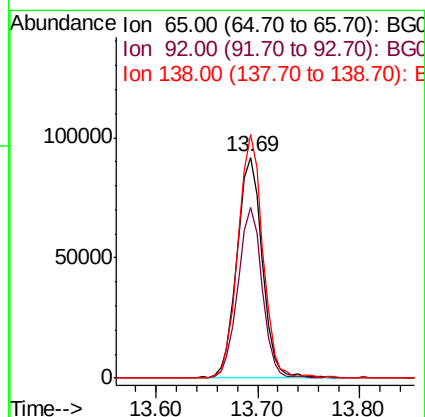
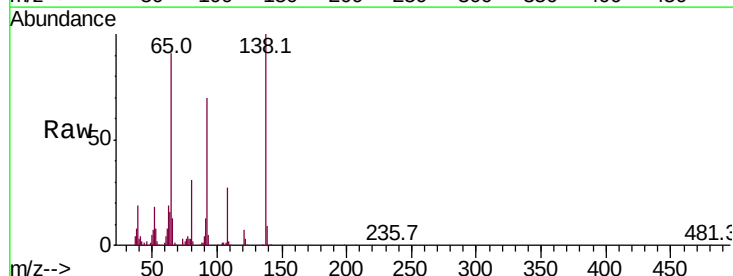
RT: 13.69 min Scan# 1805

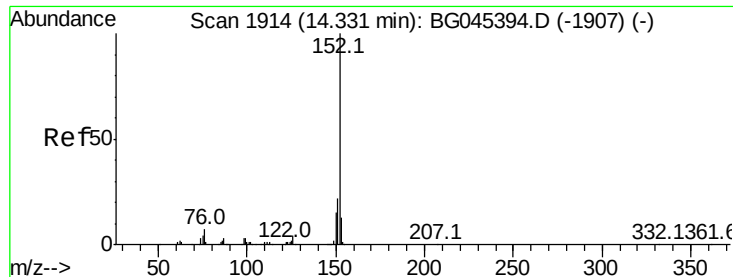
Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Tgt Ion: 65	Resp:	159971
Ion Ratio	Lower	Upper
65	100	
92	77.3	53.8 80.8
138	110.1	77.9 116.9





#49

Acenaphthylene

Concen: 51.758 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

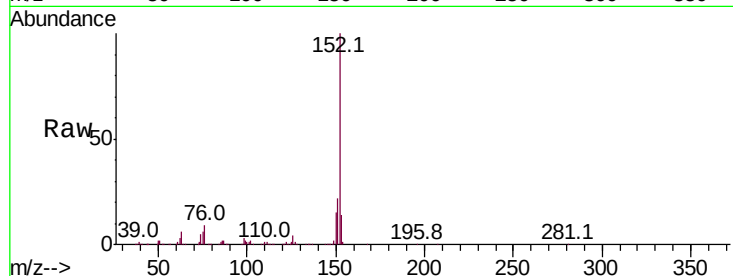
Tot Ion:152 Resp: 839663

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.2

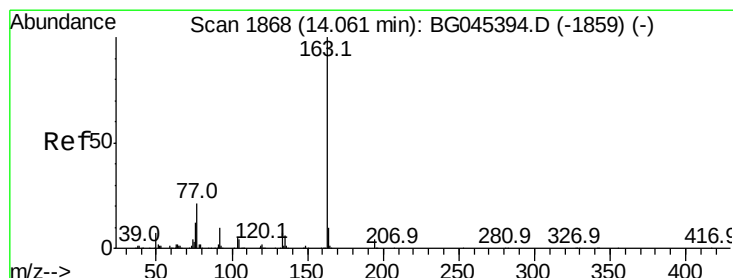
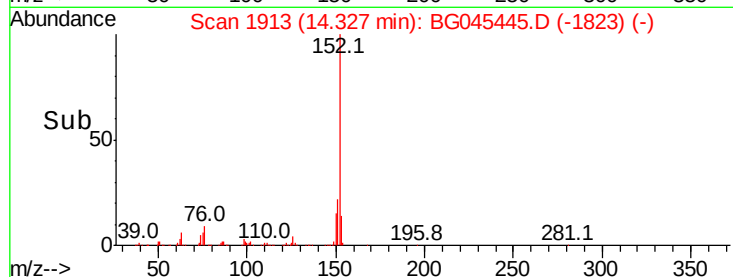
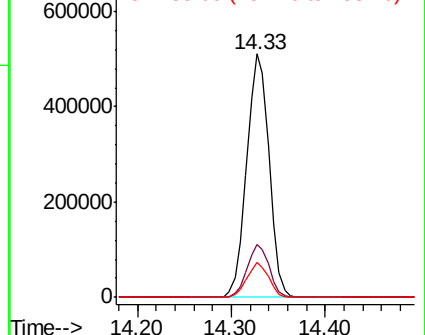
153 14.1 10.7 16.1



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: 50.924 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

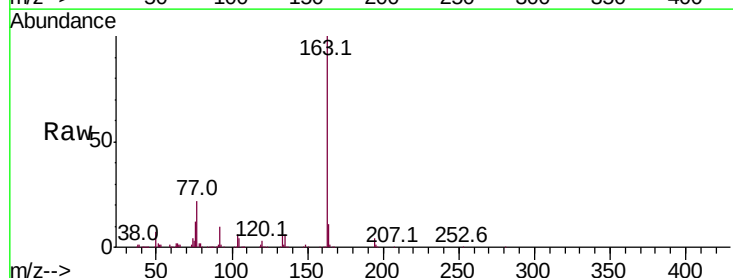
Tgt Ion:163 Resp: 707117

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

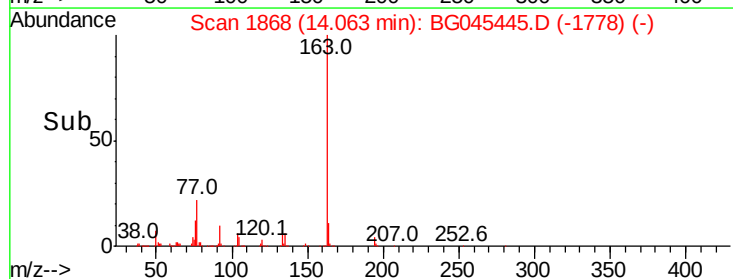
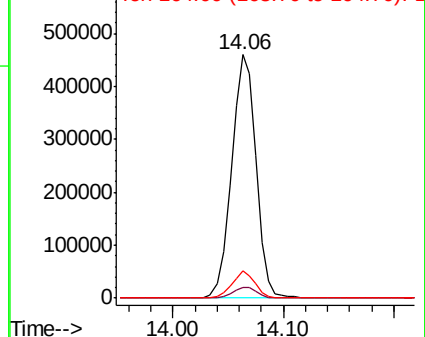
164 11.2 8.3 12.5

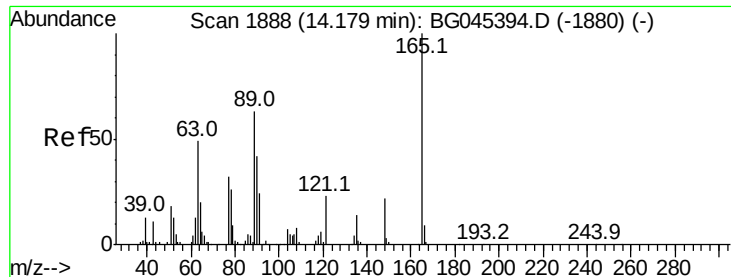


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

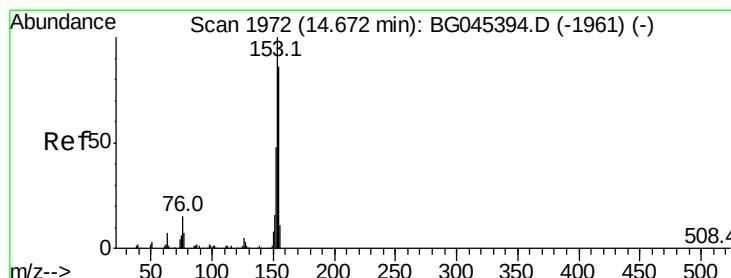
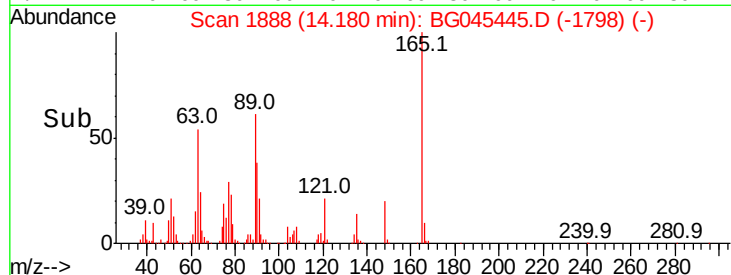
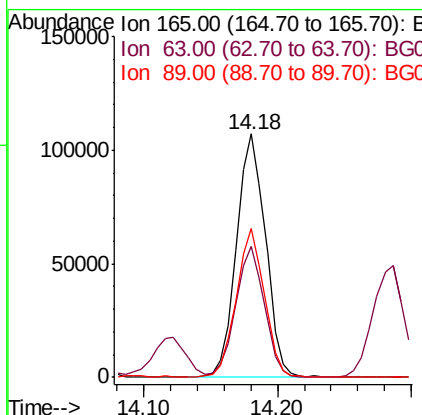
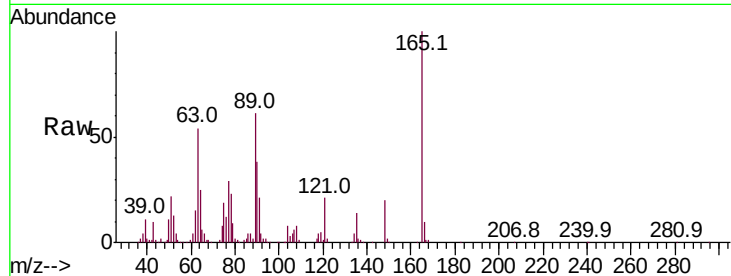




#51
 2,6-Dinitrotoluene
 Concen: 51.419 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

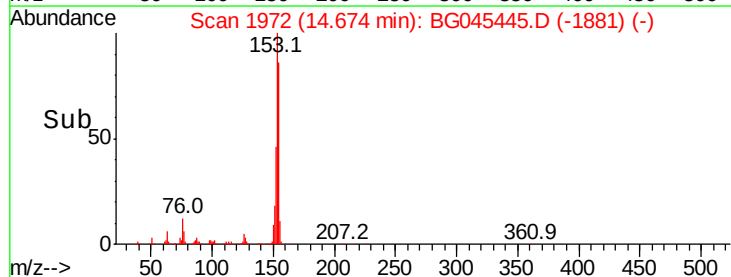
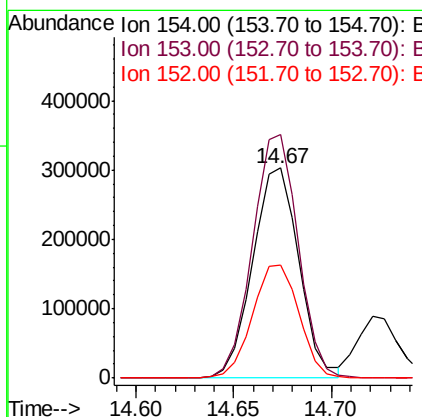
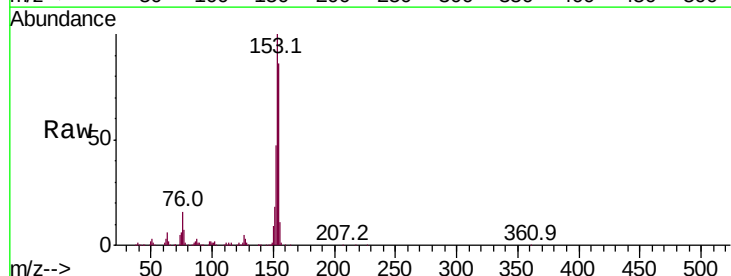
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

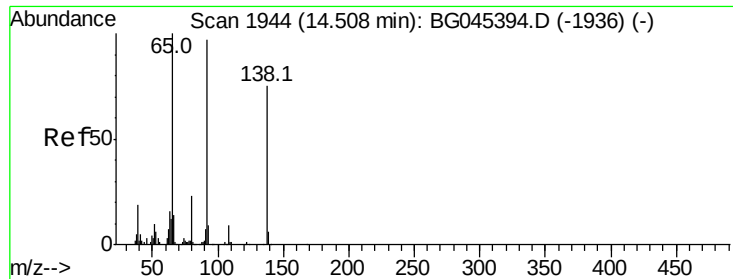
Tot Ion:	165	Resp:	161114
Ion	Ratio	Lower	Upper
165	100		
63	53.8	45.0	67.4
89	61.2	50.2	75.4



#52
 Acenaphthene
 Concen: 45.772 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion:	154	Resp:	497057
Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.8	139.2
152	54.0	44.6	66.8

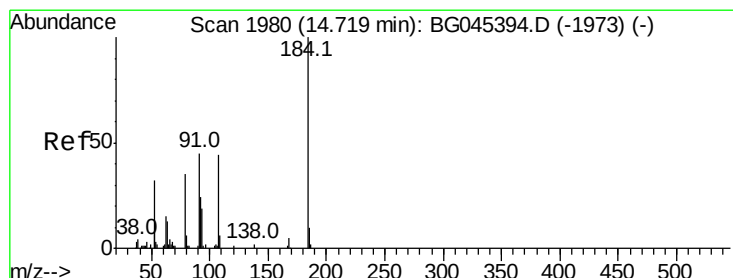
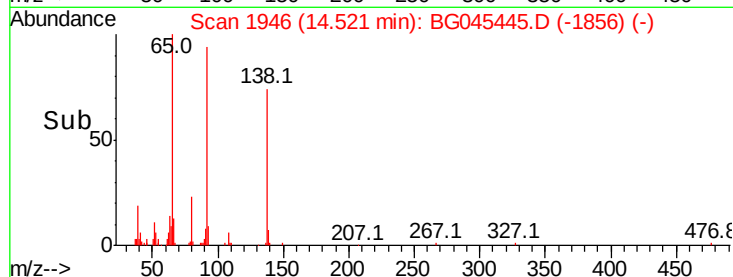
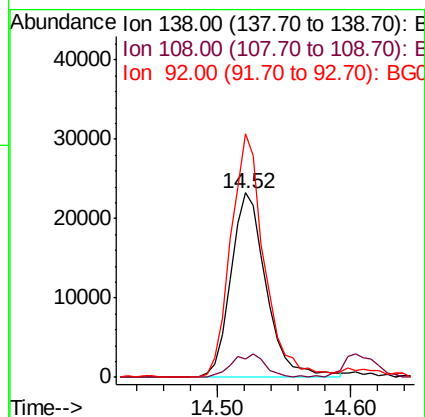
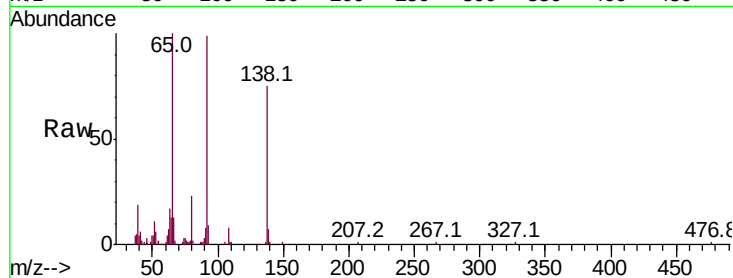




#53
3-Nitroaniline
Concen: 13.433 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

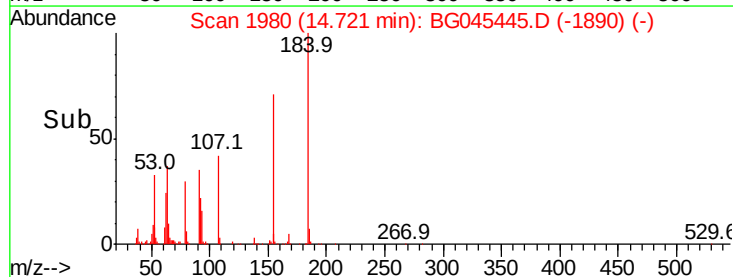
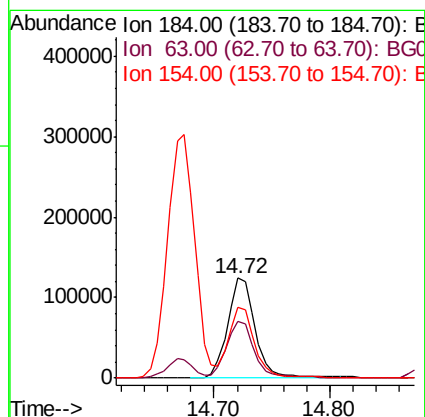
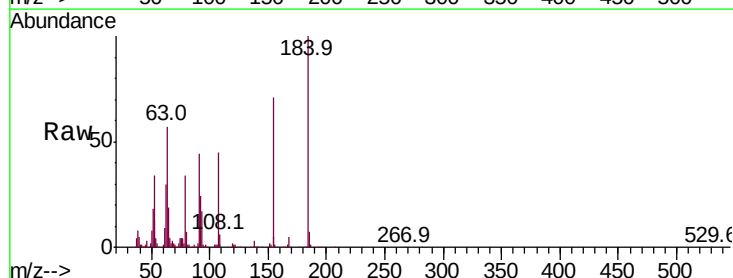
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

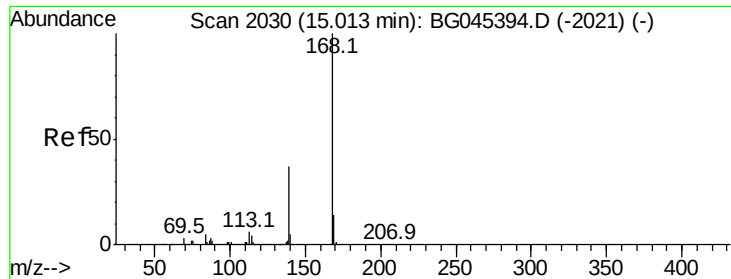
Tot Ion:138 Resp: 42787
Ion Ratio Lower Upper
138 100
108 10.1 9.8 14.6
92 132.1 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 99.608 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:184 Resp: 207398
Ion Ratio Lower Upper
184 100
63 57.1 47.8 71.6
154 71.1 58.3 87.5





#55

Dibenzofuran

Concen: 50.178 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

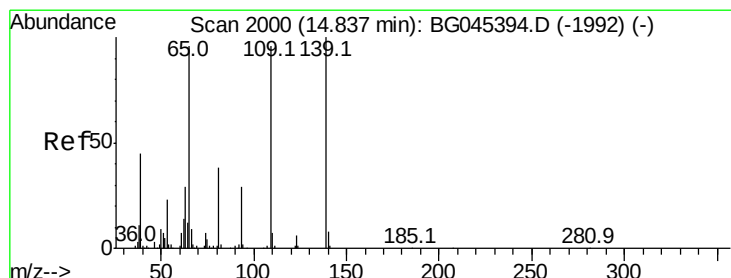
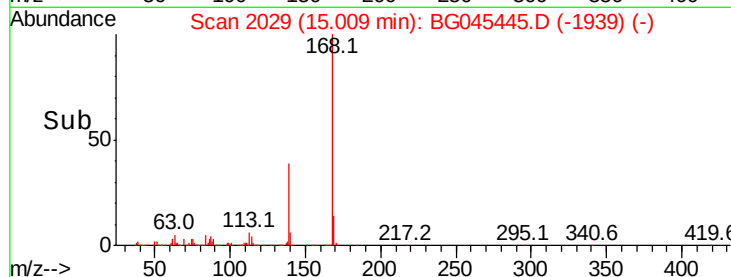
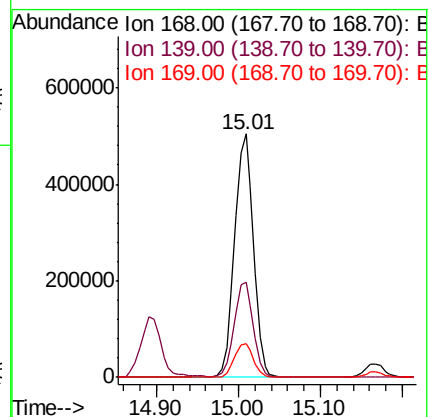
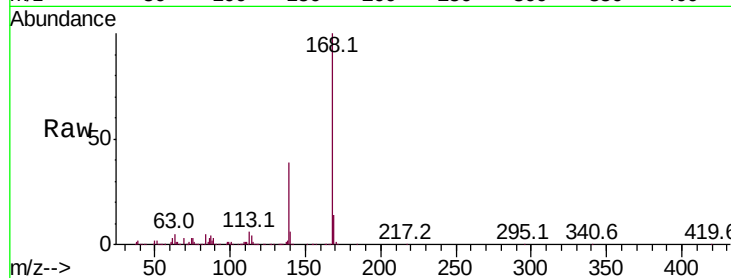
Tot Ion:168 Resp: 809185

Ion Ratio Lower Upper

168 100

139 39.0 29.9 44.9

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 92.588 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

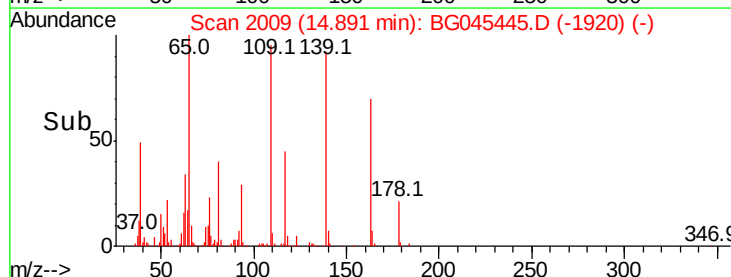
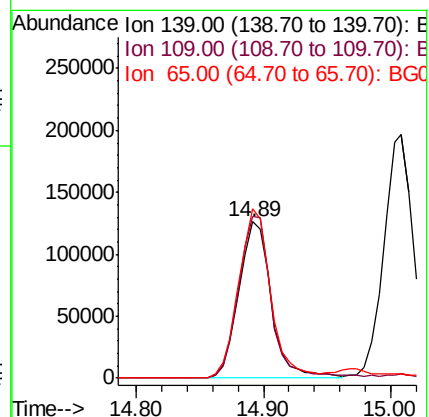
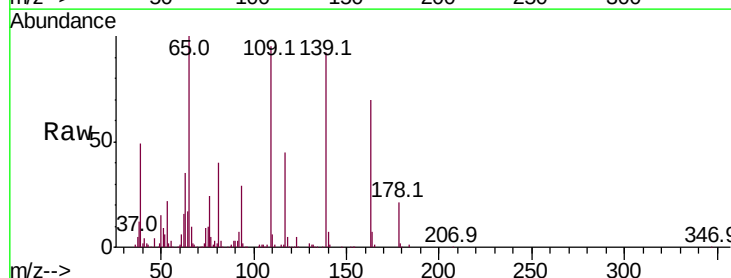
Tgt Ion:139 Resp: 223275

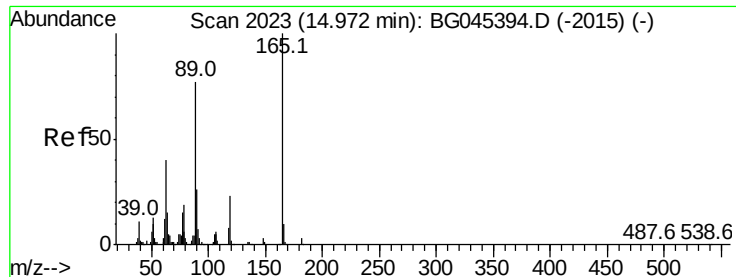
Ion Ratio Lower Upper

139 100

109 103.7 75.6 115.6

65 108.6 76.8 116.8

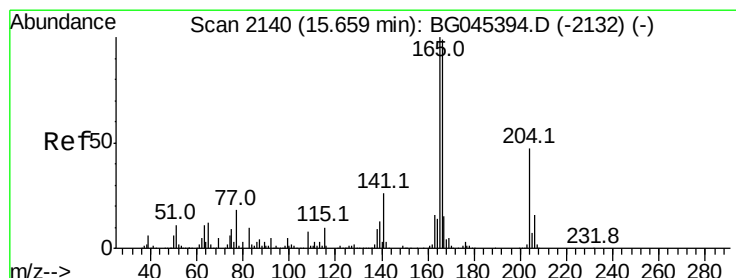
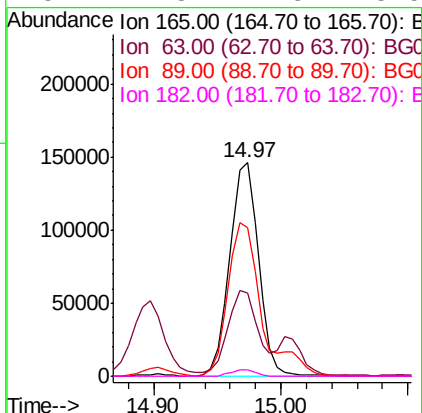
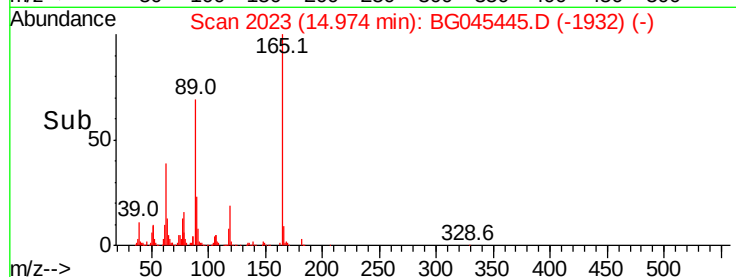
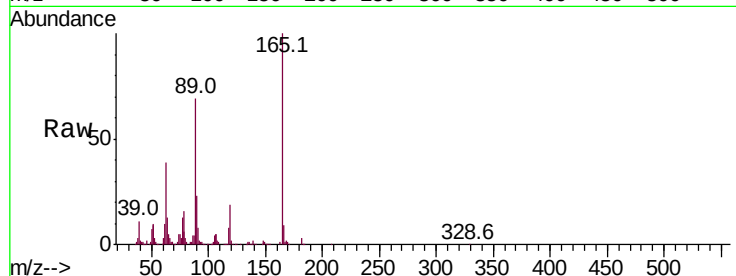




#57
2,4-Dinitrotoluene
Concen: 50.251 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

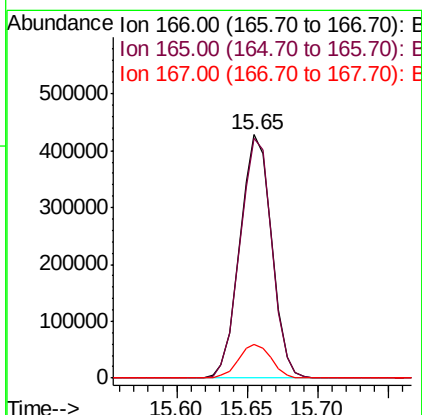
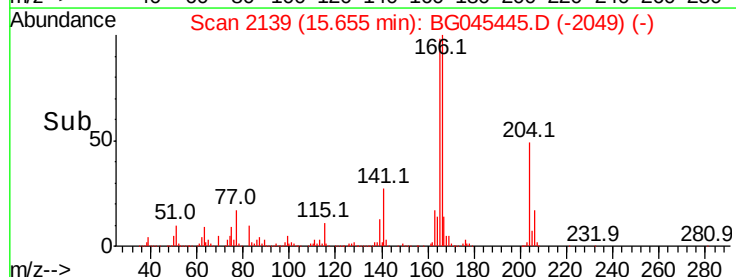
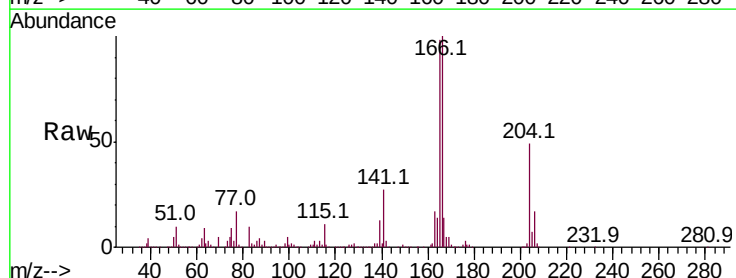
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

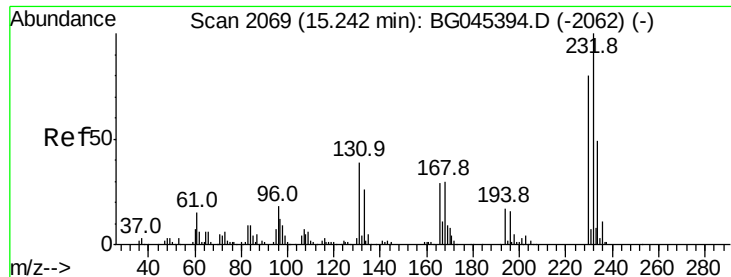
Tot Ion:165	Resp:	228033
Ion	Ratio	Lower Upper
165	100	
63	38.9	32.5 48.7
89	69.5	61.8 92.6
182	2.8	2.3 3.5



#58
Fluorene
Concen: 50.971 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:166	Resp:	675294
Ion	Ratio	Lower Upper
166	100	
165	98.4	80.8 121.2
167	13.8	12.0 18.0

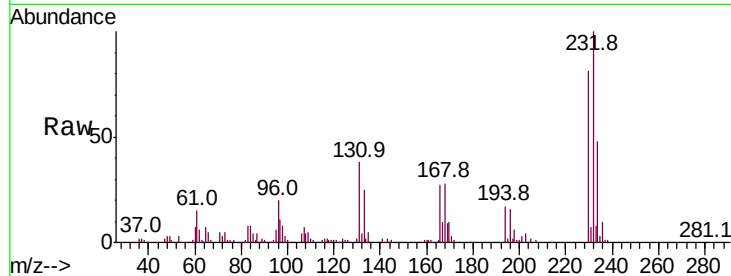




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.463 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.7	50.5
130	2.4	2.1	3.1
166	27.5	23.2	34.8



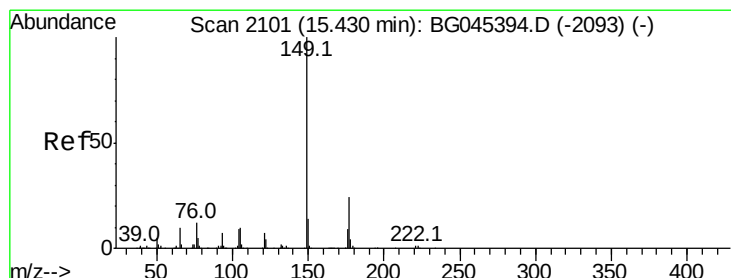
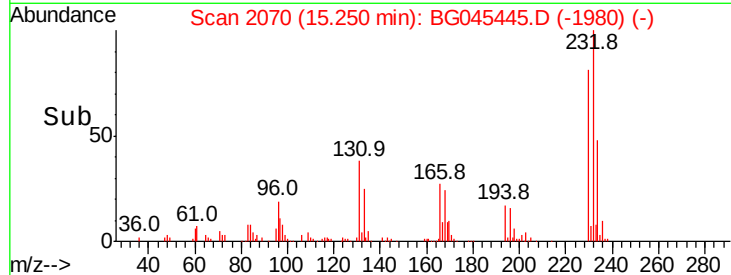
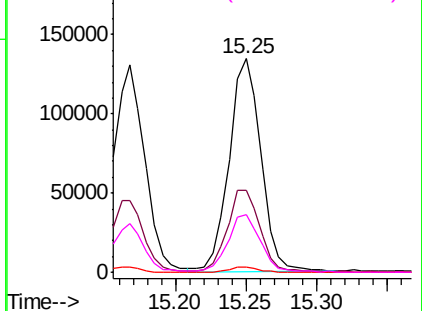
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

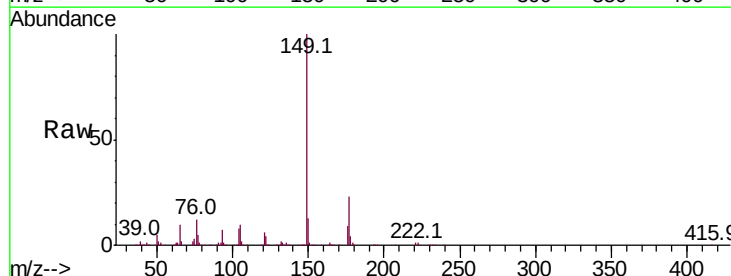
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.658 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	12.7	11.4	17.0

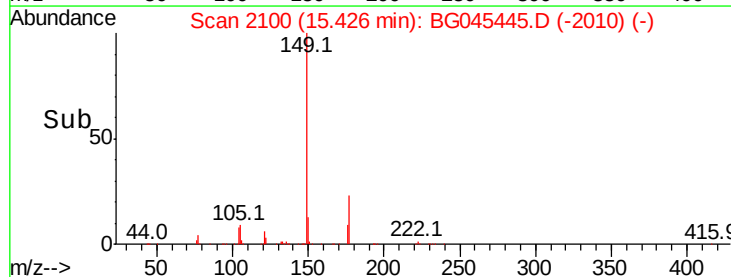
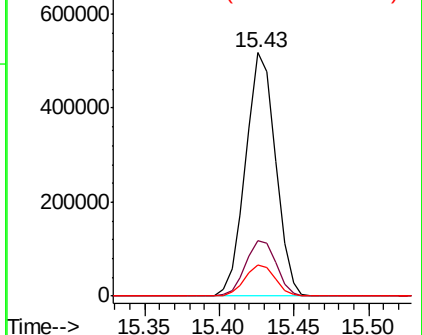


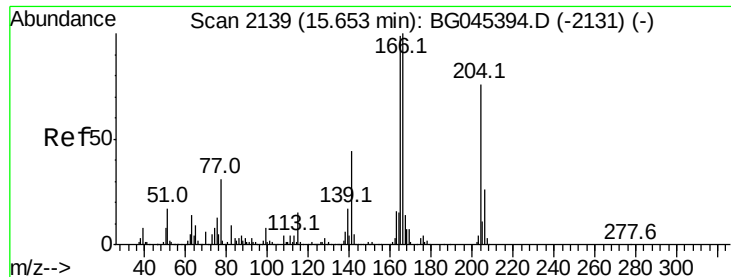
Abundance

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

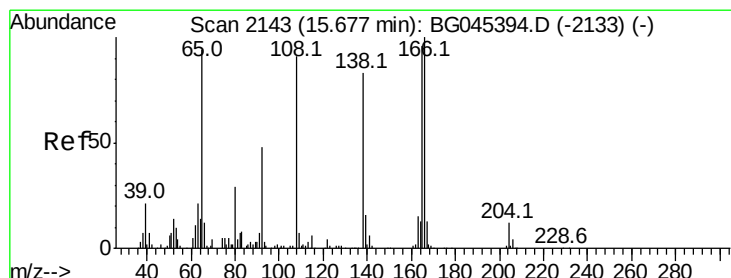
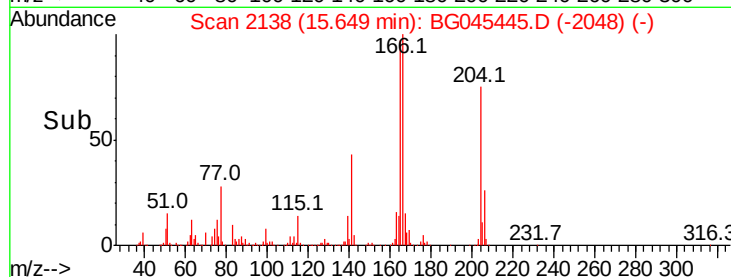
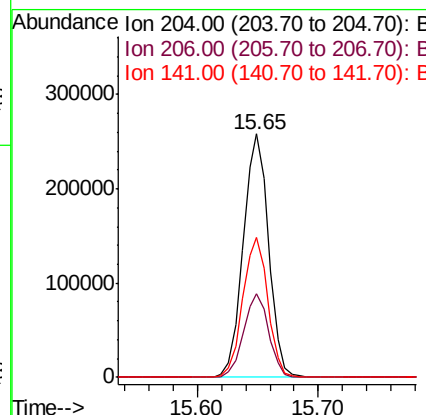
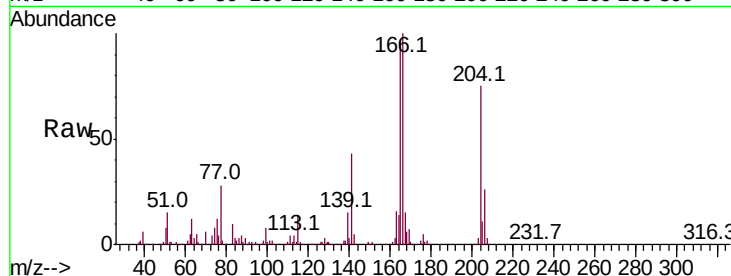




#61
4-Chlorophenyl-phenylether
Concen: 49.780 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

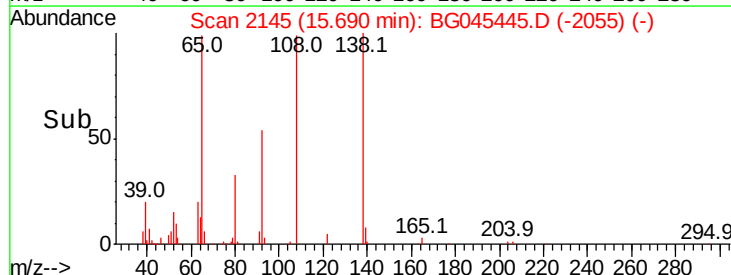
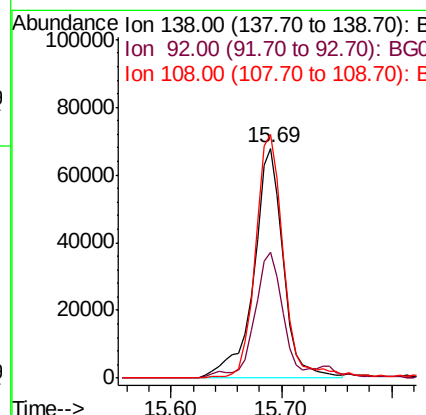
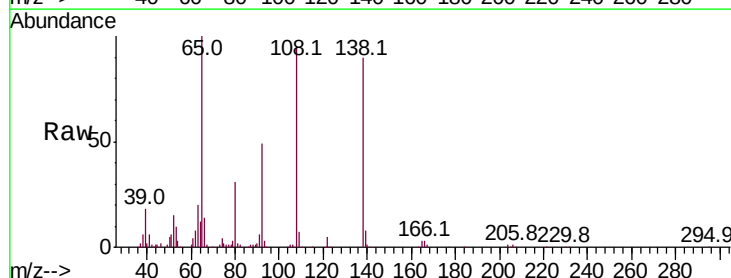
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

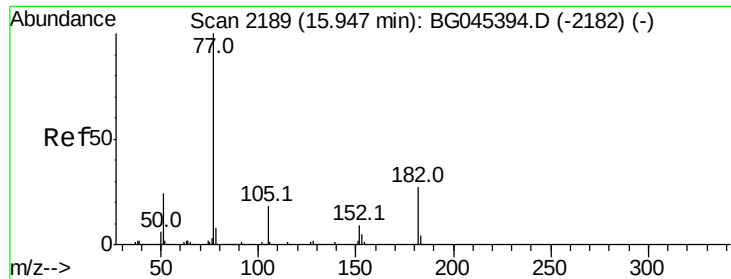
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.3	40.9
141	57.3	45.9	68.9



#62
4-Nitroaniline
Concen: 38.206 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	38.0	78.0
108	105.8	89.3	129.3

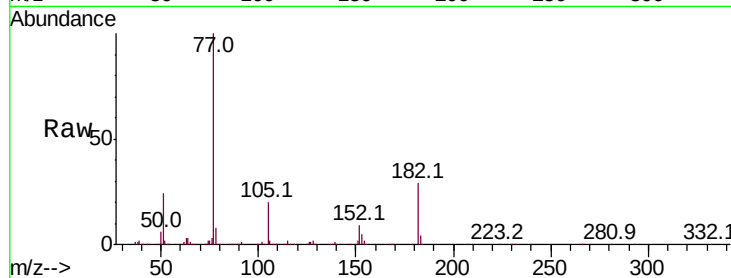




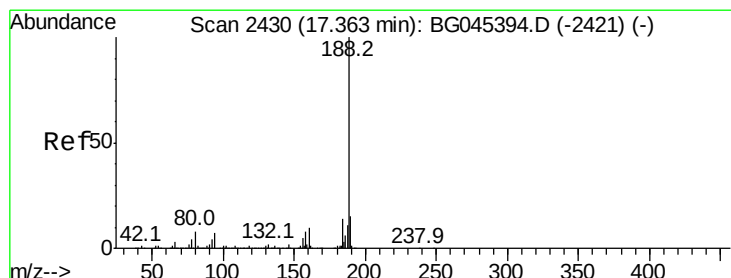
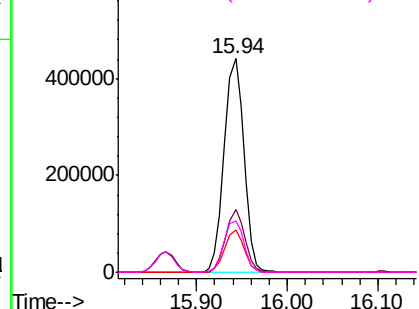
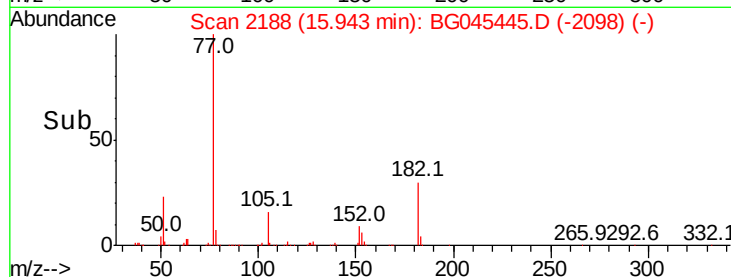
#63
Azobenzene
Concen: 49.673 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion:	77	Resp:	669416
Ion	Ratio	Lower	Upper
77	100		
182	29.5	6.5	46.5
105	19.8	0.0	37.9
51	23.9	4.1	44.1

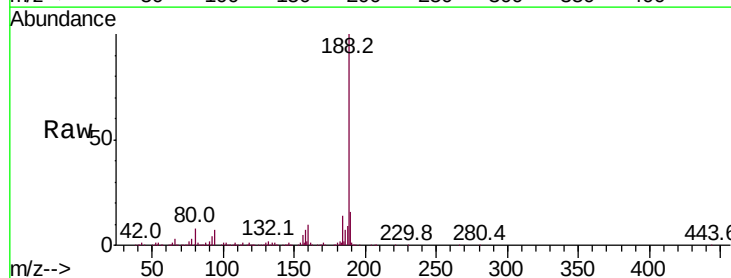


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

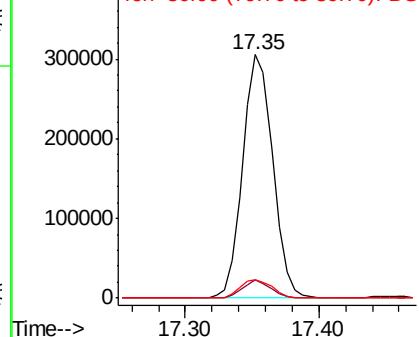
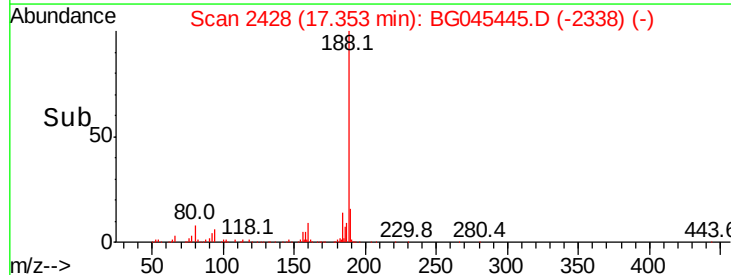


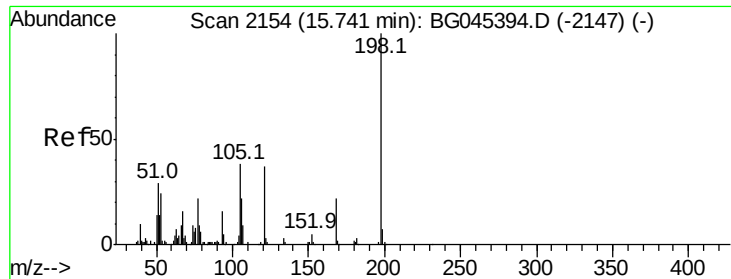
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:	188	Resp:	475547
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	7.7	6.6	10.0



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

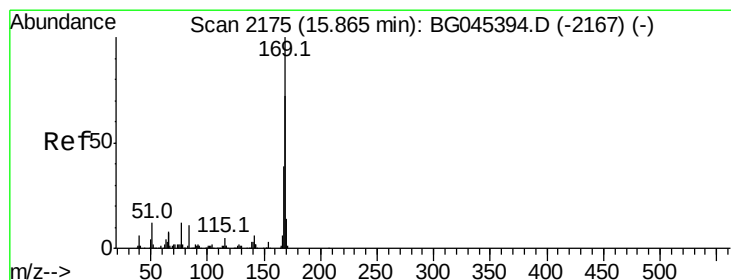
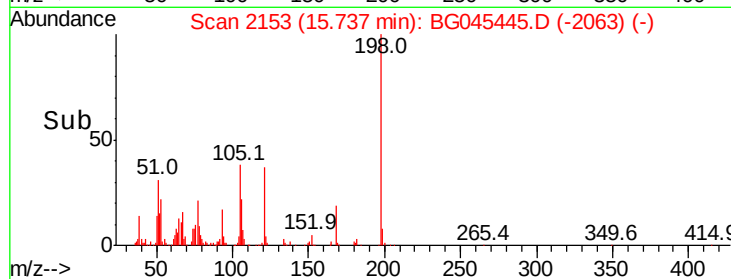
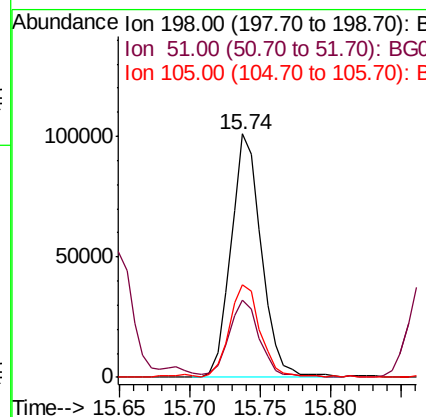
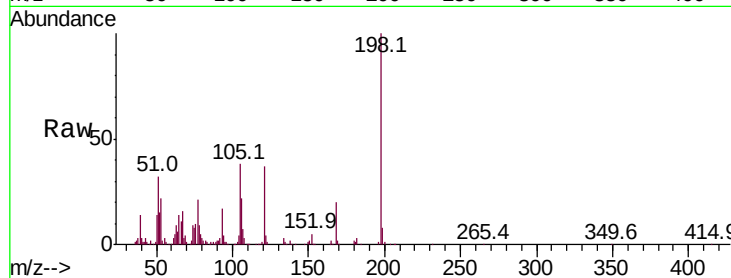




#65
4,6-Dinitro-2-methylphenol
Concen: 54.618 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

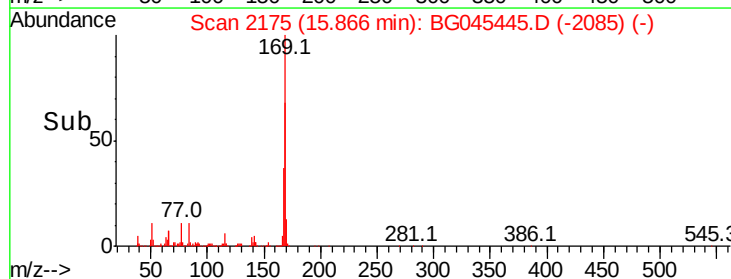
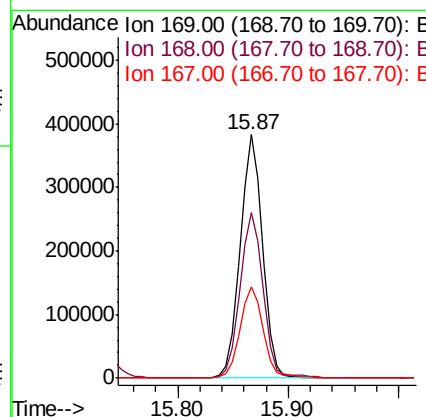
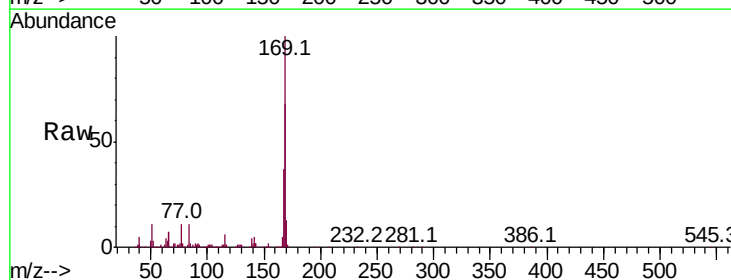
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

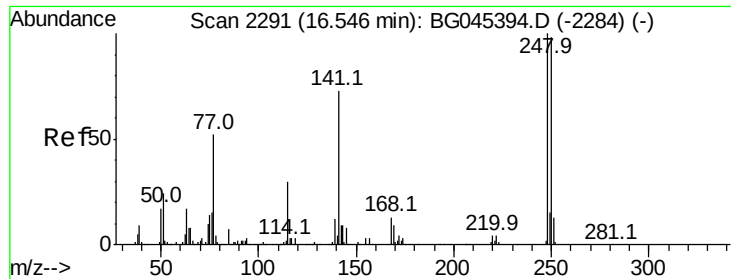
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.6	10.0	50.0
105	38.2	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 47.754 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	57.8	86.6
167	37.3	31.5	47.3

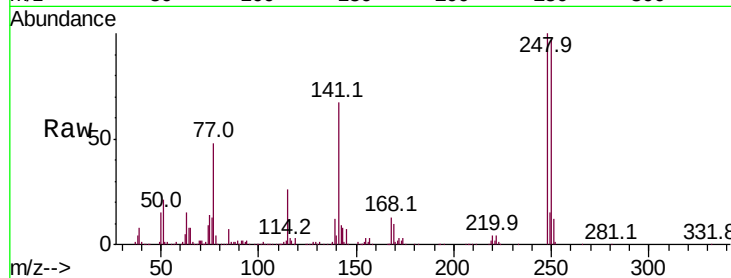




#67
4-Bromophenyl-phenylether
Concen: 52.178 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	117.8
141	67.0	58.2	87.2

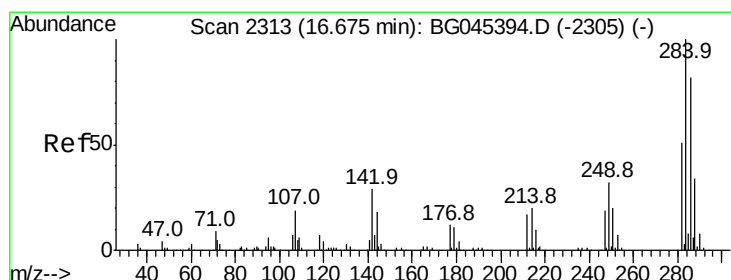
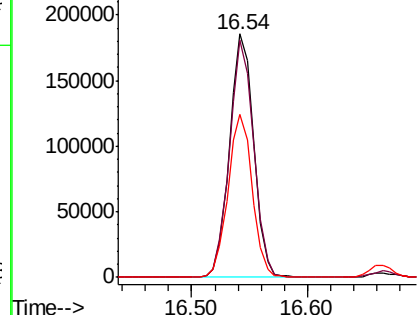
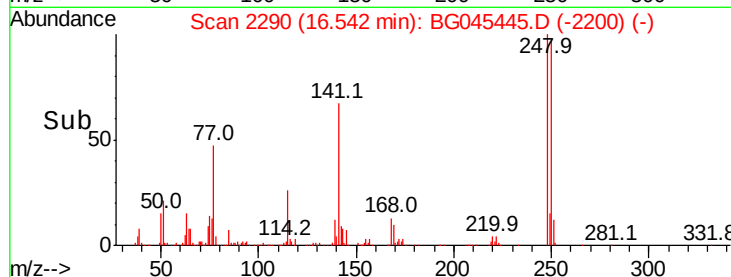


Abundance

Ion 248.00 (247.70 to 248.70): E

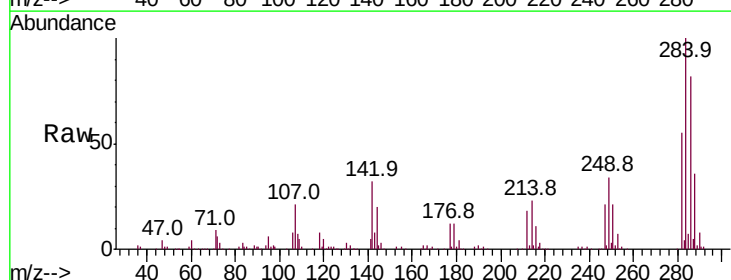
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 53.008 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.0	34.6
249	34.3	25.8	38.6

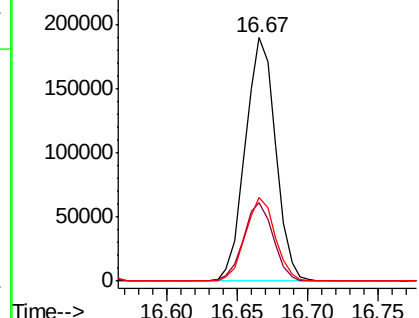
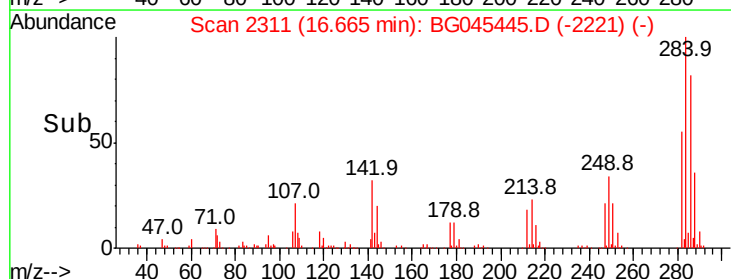


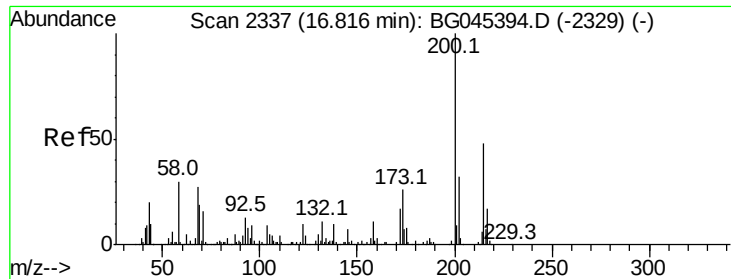
Abundance

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

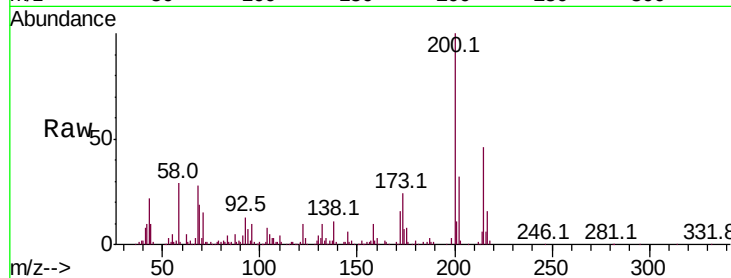




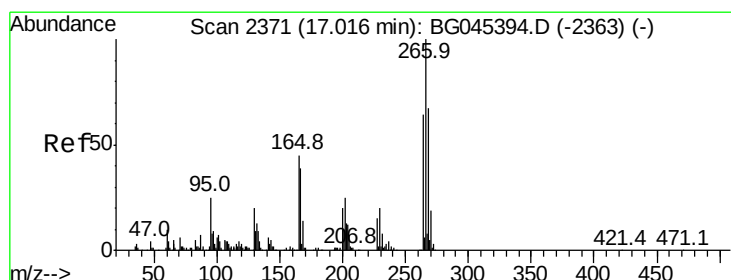
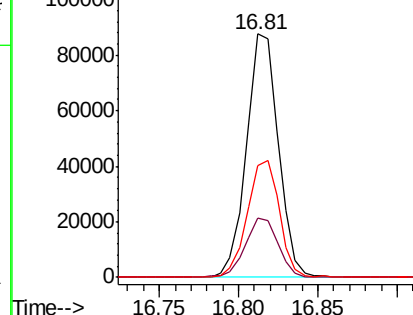
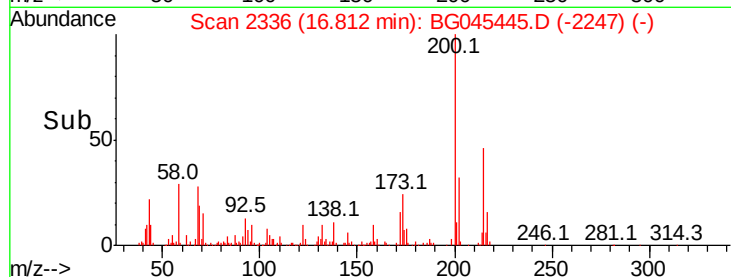
#69
 Atrazine
 Concen: 26.007 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	46.1	28.2	68.2

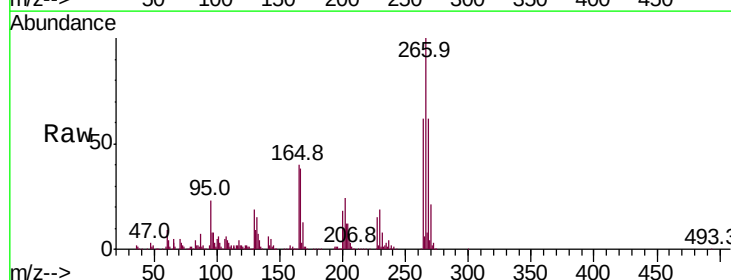


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

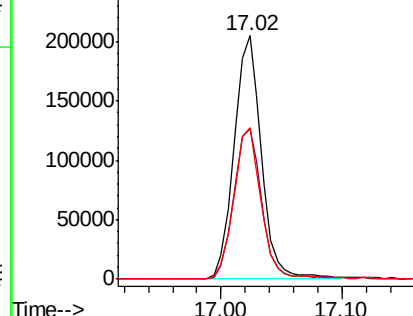
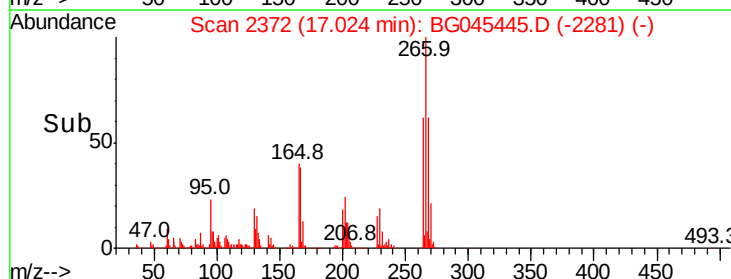


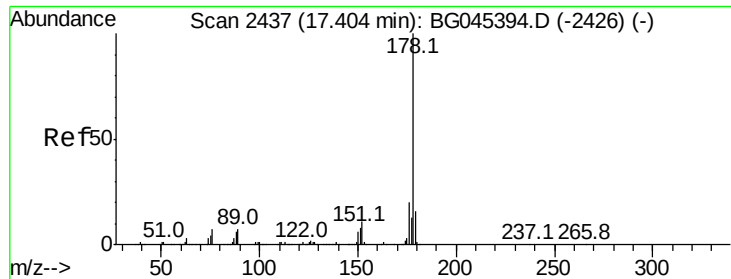
#70
 Pentachlorophenol
 Concen: 115.333 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. 0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	53.2	79.8
264	62.3	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

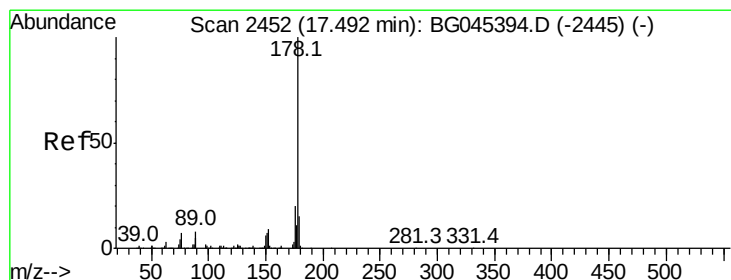
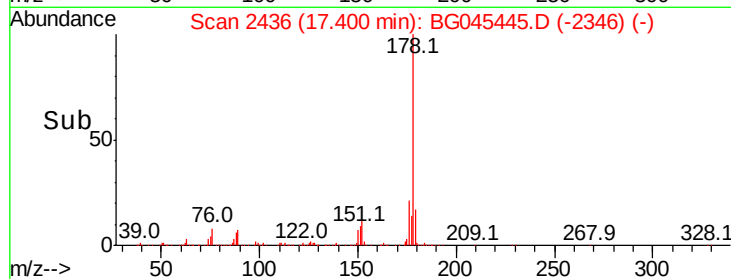
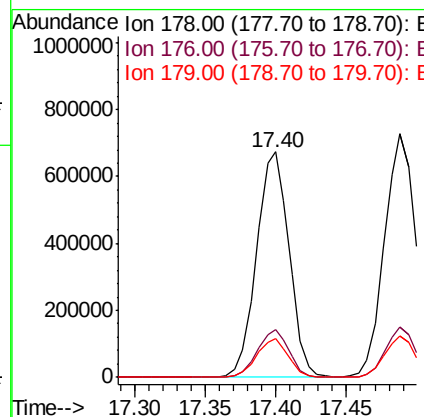
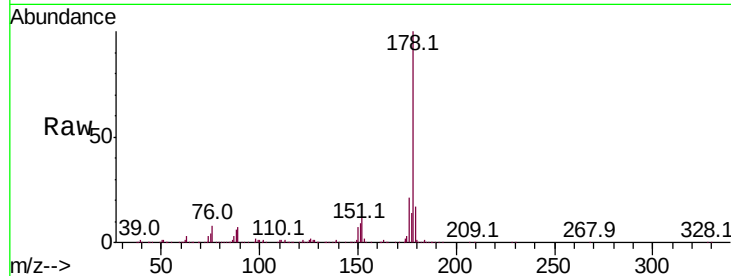




#71
Phenanthrene
Concen: 52.535 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

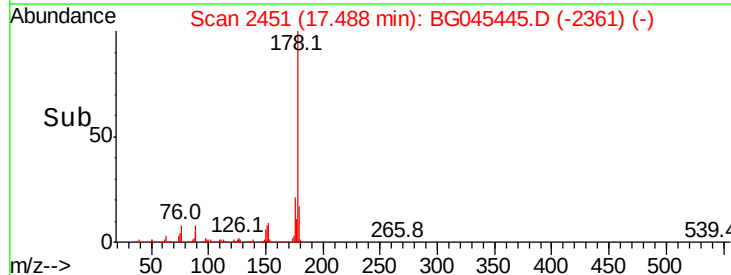
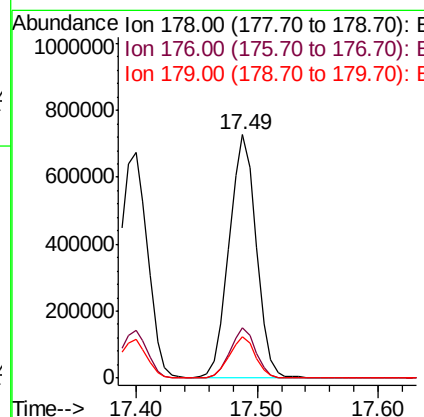
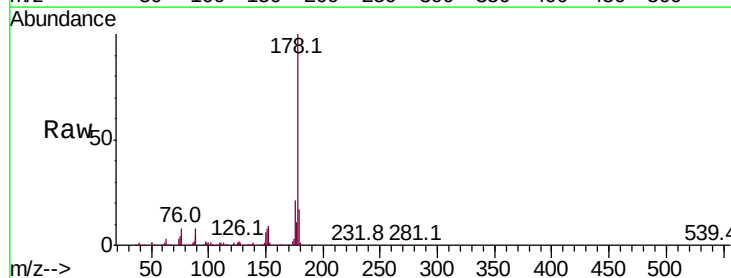
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

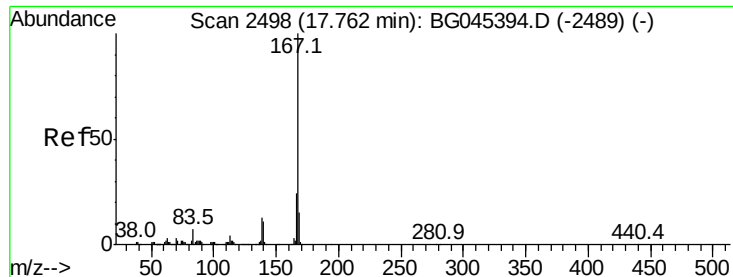
Tot Ion:178 Resp: 1090643
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 17.0 13.1 19.7



#72
Anthracene
Concen: 54.230 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:178 Resp: 1130585
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 17.1 12.2 18.4





#73

Carbazole

Concen: 44.545 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

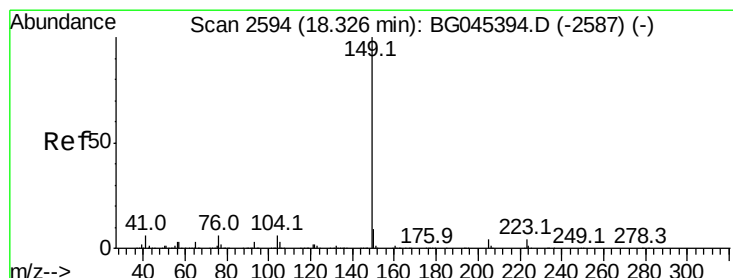
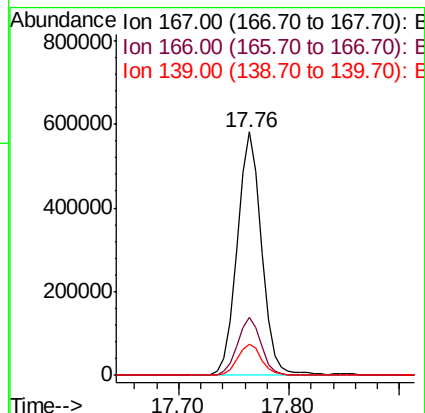
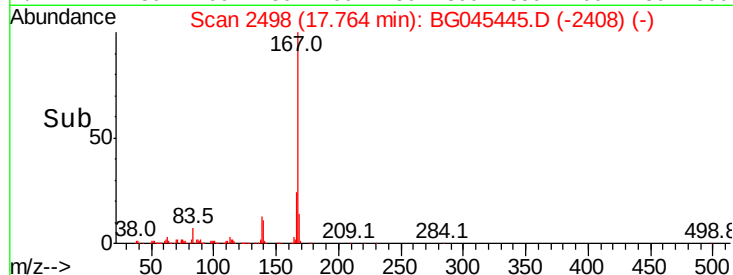
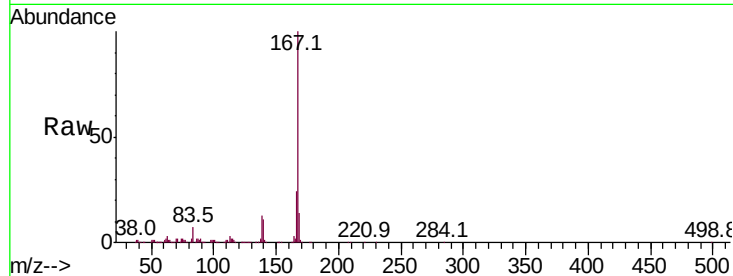
Tot Ion:167 Resp: 905241

Ion Ratio Lower Upper

167 100

166 23.8 19.2 28.8

139 12.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 50.159 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

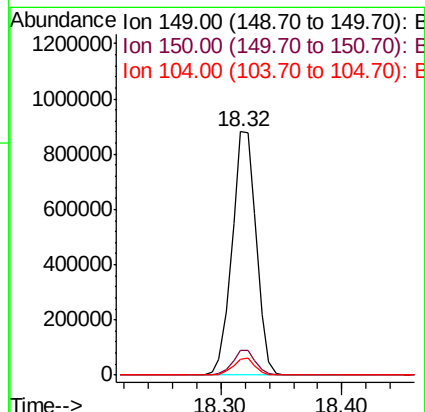
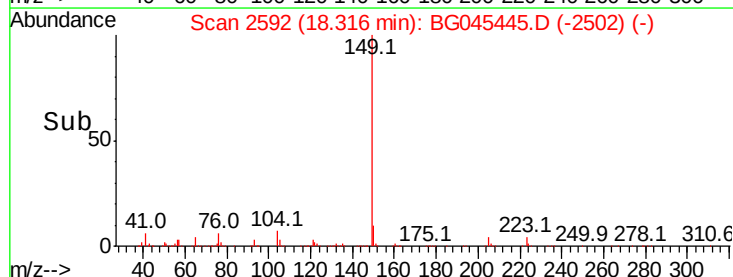
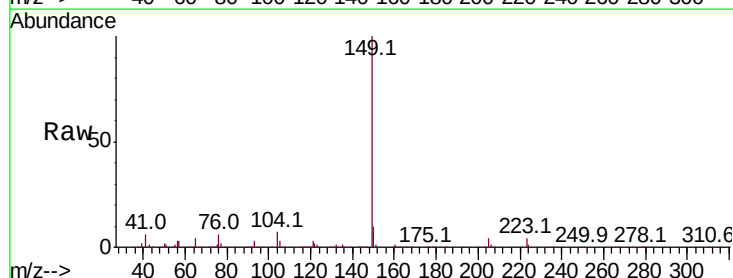
Tgt Ion:149 Resp: 1223447

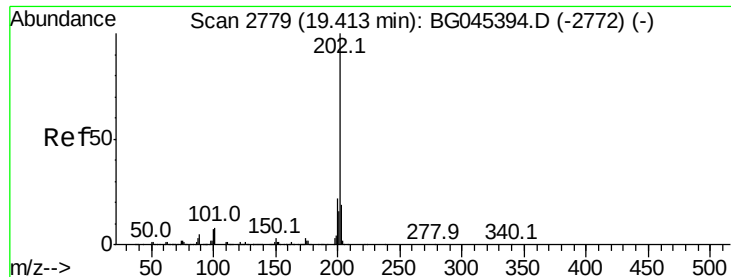
Ion Ratio Lower Upper

149 100

150 10.3 7.6 11.4

104 6.7 5.0 7.4

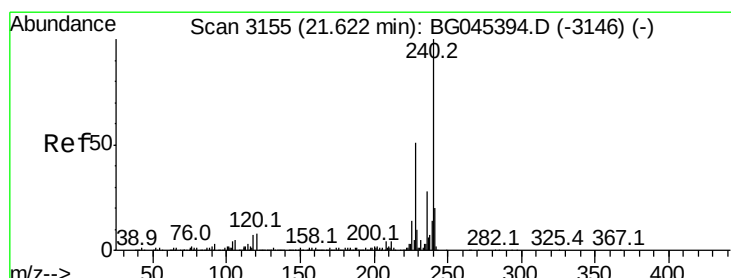
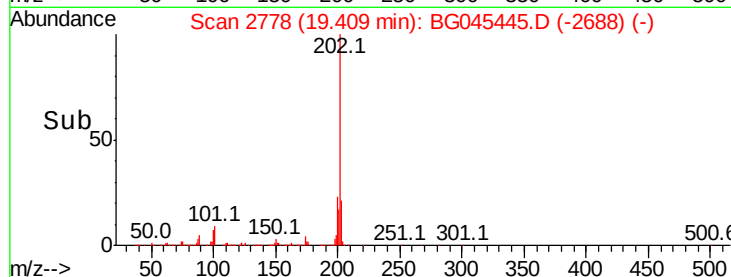
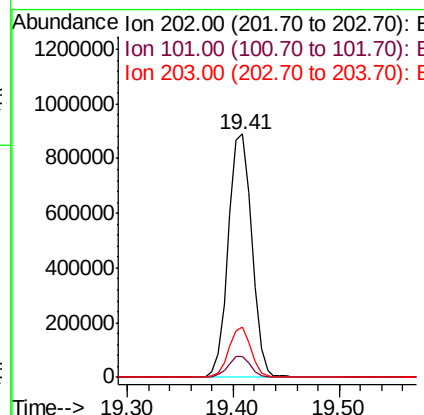
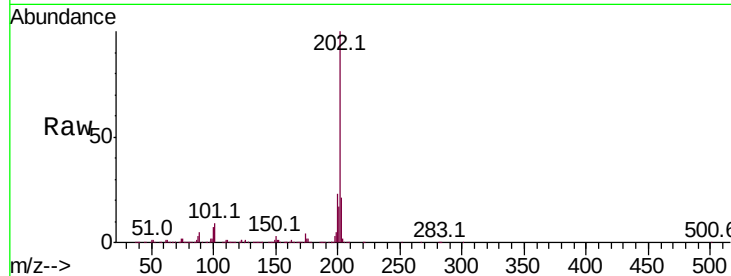




#75
 Fluoranthene
 Concen: 51.934 ng
 RT: 19.41 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

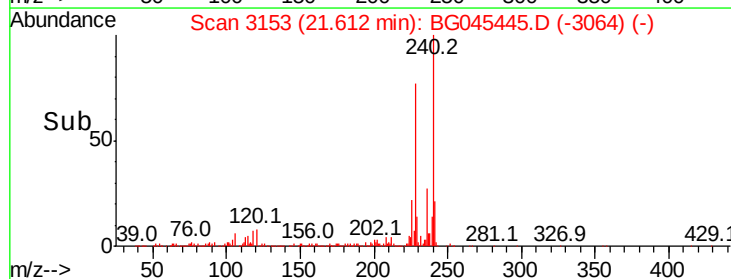
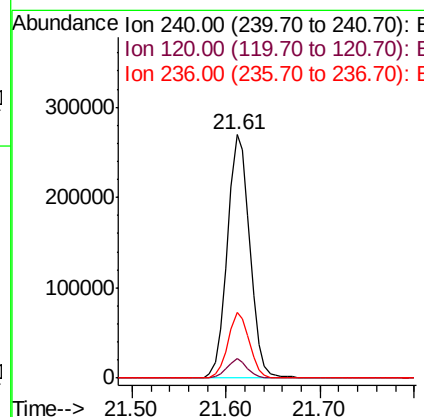
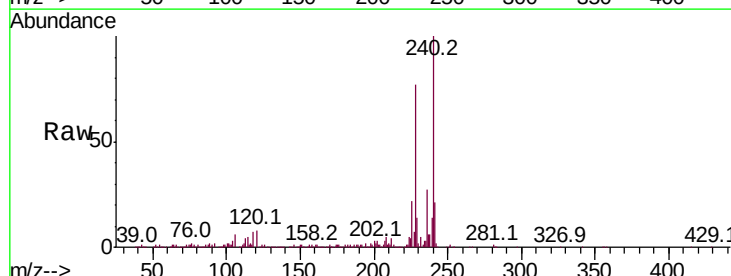
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MS

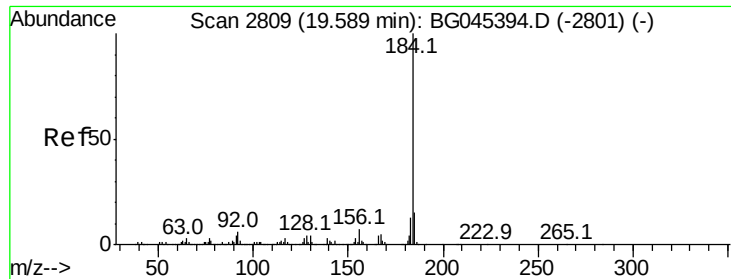
Tot Ion:202 Resp: 1371359
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 28.3
 203 20.5 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG045445.D
 Acq: 21 May 2020 18:21

Tgt Ion:240 Resp: 448905
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.1 9.1
 236 27.0 22.3 33.5





#77

Benzidine

Concen: 6.615 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

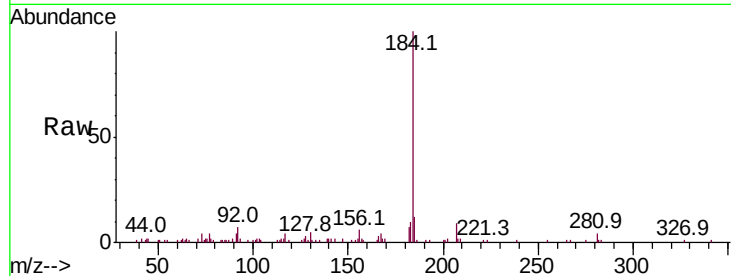
Tot Ion:184 Resp: 83406

Ion Ratio Lower Upper

184 100

185 11.9 11.7 17.5

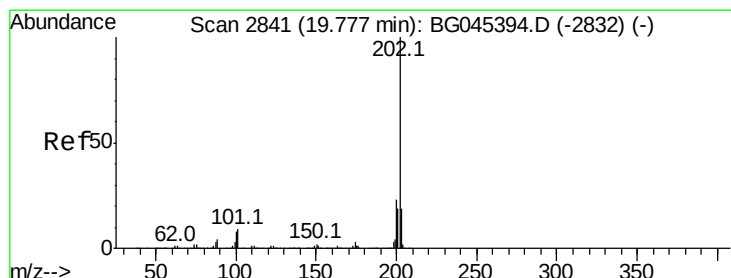
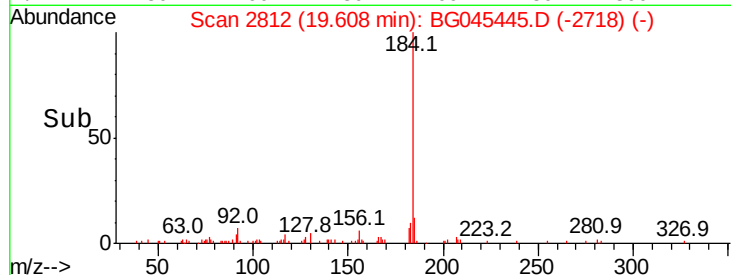
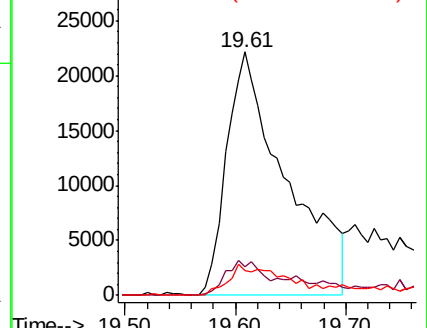
183 10.3 10.2 15.4



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: 54.039 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

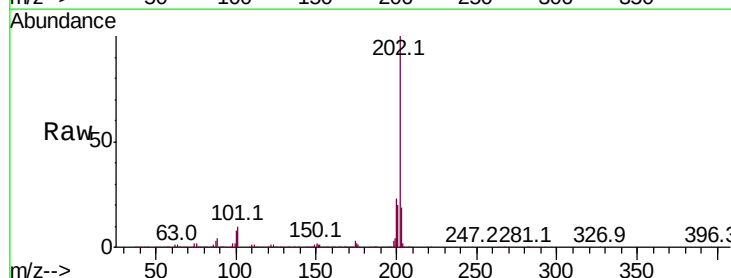
Tgt Ion:202 Resp: 1382837

Ion Ratio Lower Upper

202 100

200 23.3 18.2 27.2

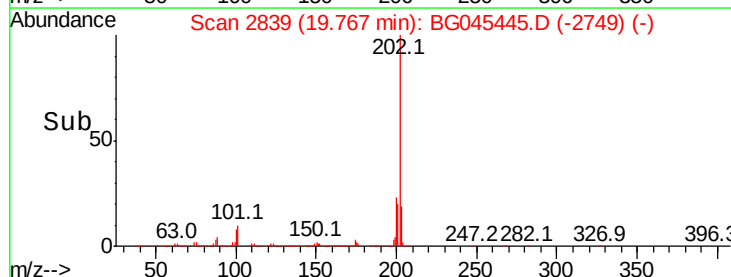
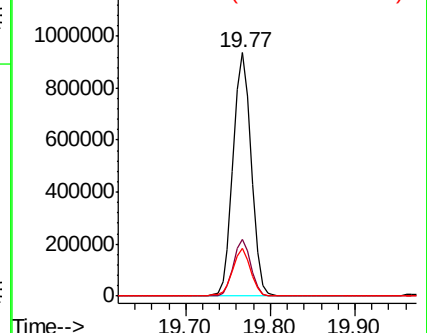
203 19.5 15.1 22.7

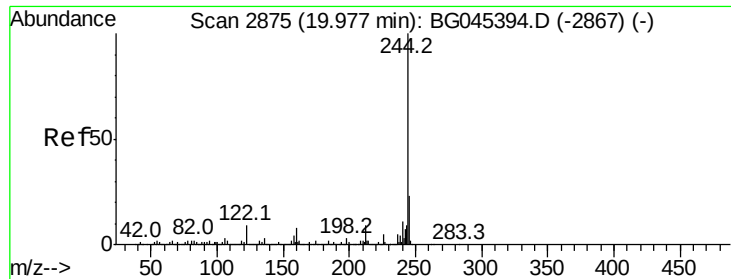


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.507 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

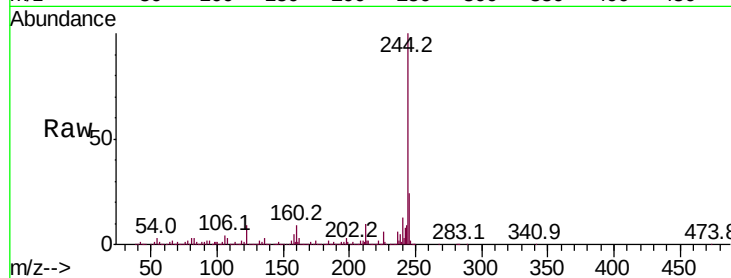
Tot Ion:244 Resp: 2088463

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

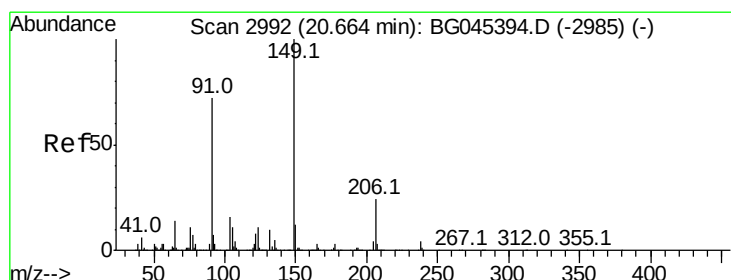
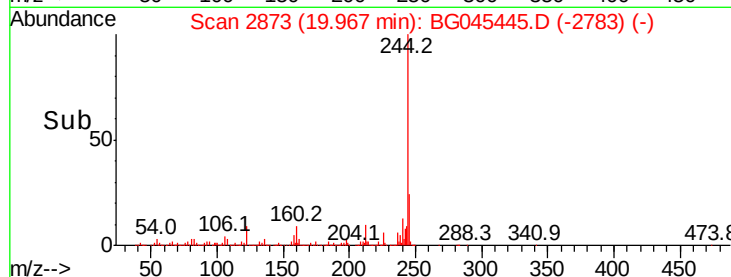
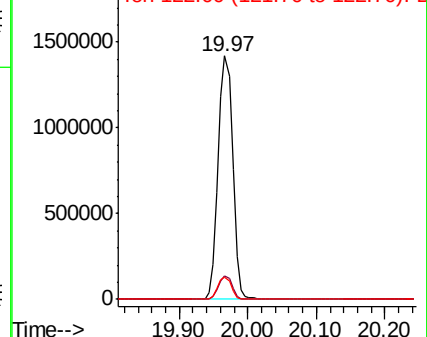
122 8.9 6.8 10.2



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: 50.419 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

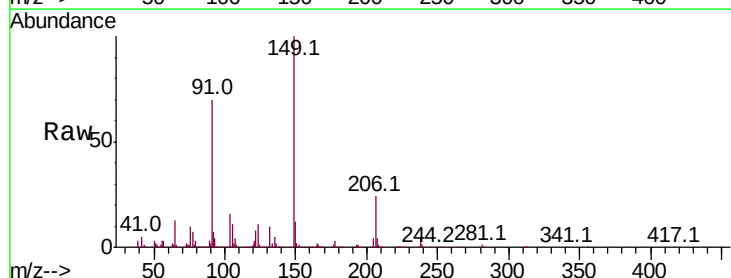
Tgt Ion:149 Resp: 556891

Ion Ratio Lower Upper

149 100

91 70.0 57.8 86.6

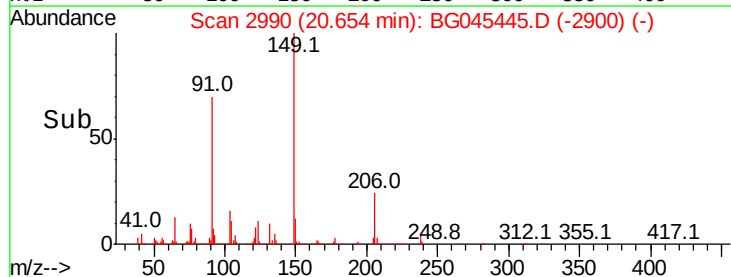
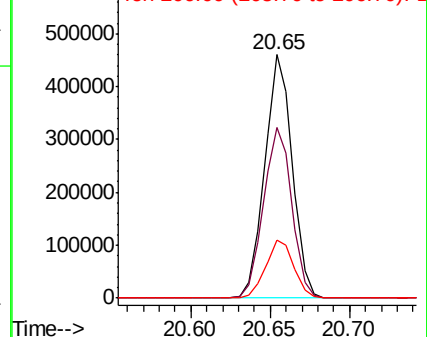
206 23.7 19.1 28.7

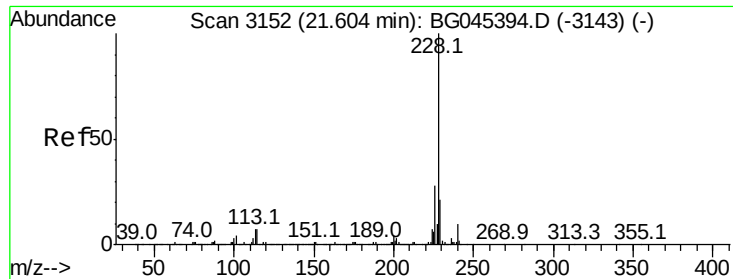


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

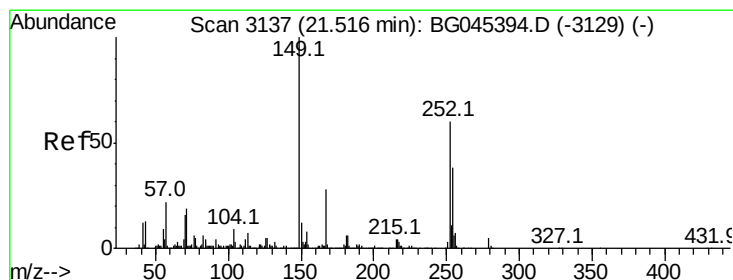
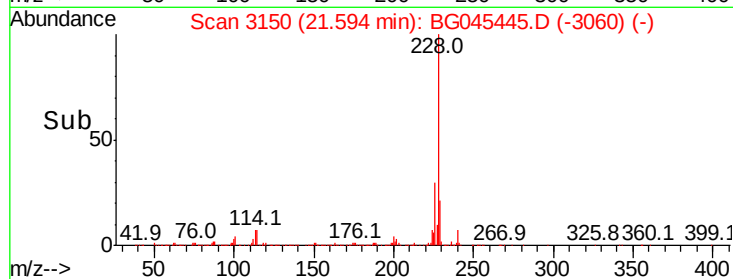
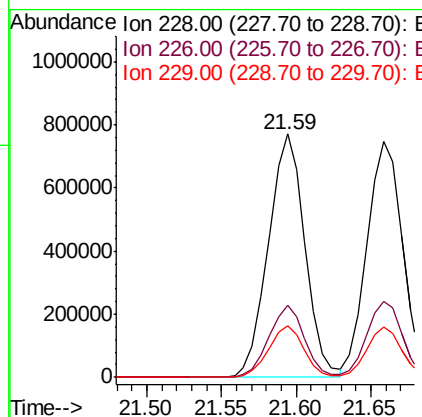
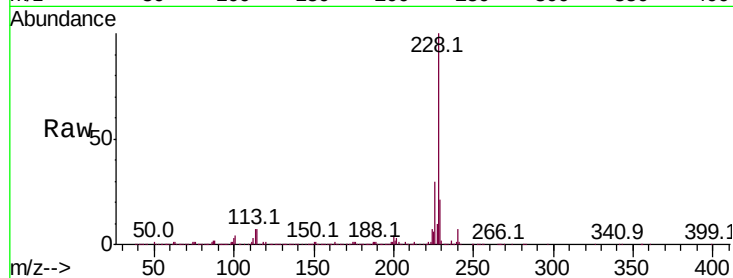




#81
Benzo(a)anthracene
Concen: 52.505 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

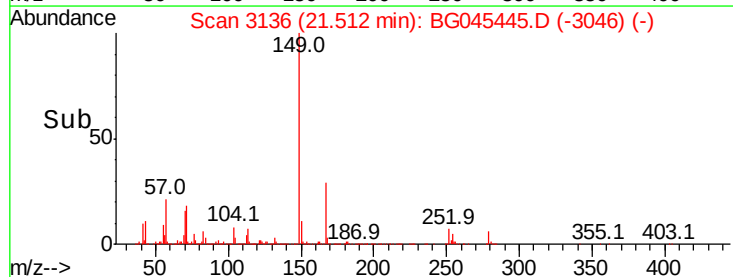
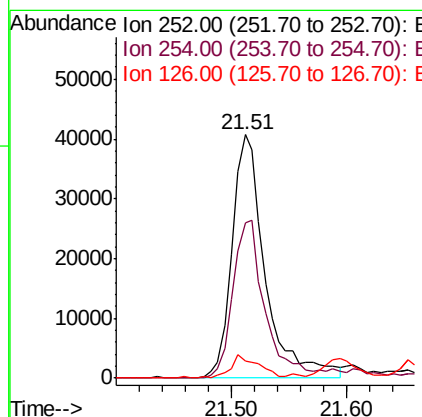
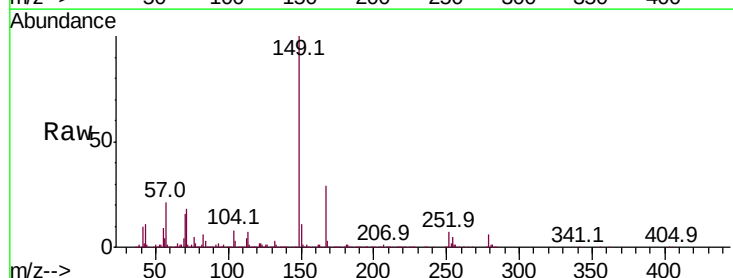
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MS

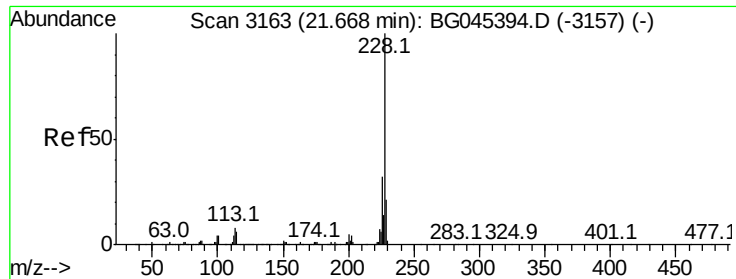
Tot Ion:228 Resp: 1312997
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 8.252 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG045445.D
Acq: 21 May 2020 18:21

Tgt Ion:252 Resp: 80949
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 7.1 6.6 10.0





#83

Chrysene

Concen: 51.895 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

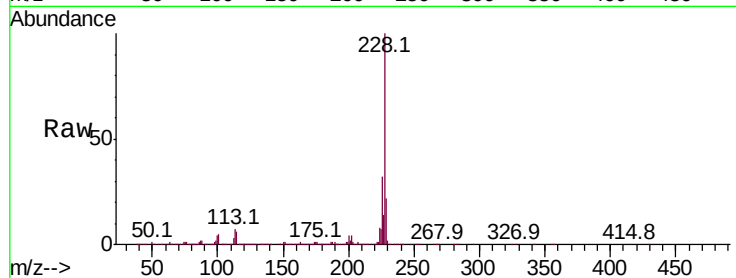
Tot Ion:228 Resp: 1247831

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

229 21.5 16.7 25.1

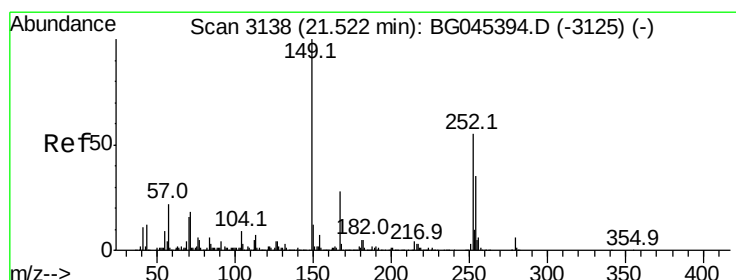
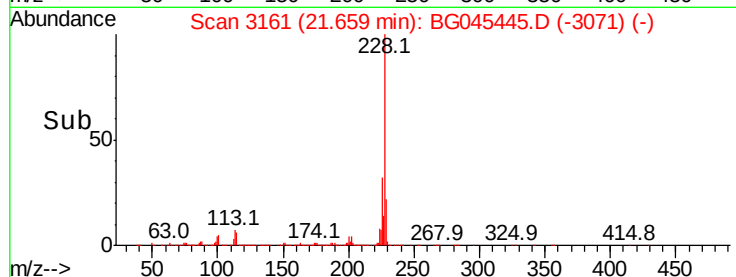
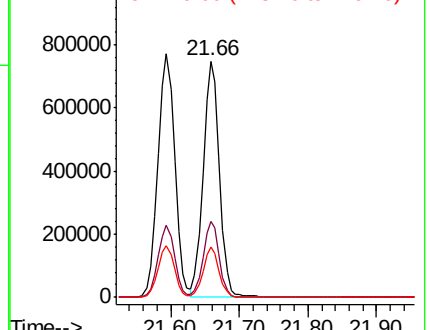


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.511 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

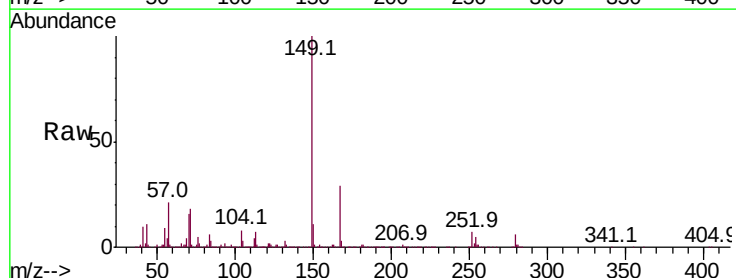
Tgt Ion:149 Resp: 766919

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

279 5.9 4.7 7.1

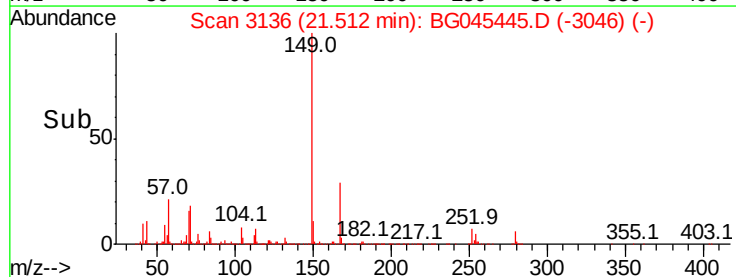
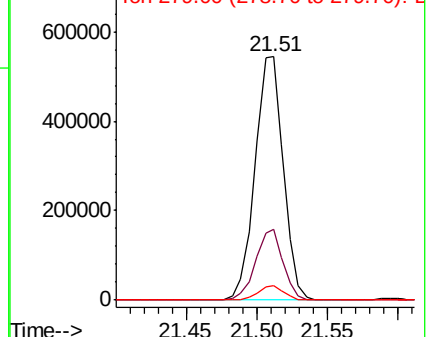


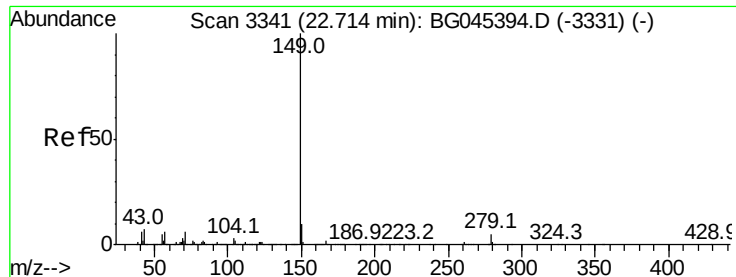
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.276 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

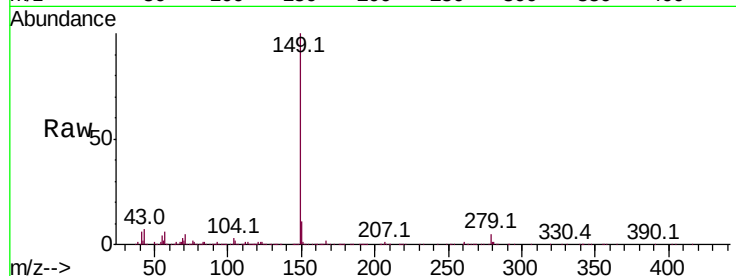
Tot Ion:149 Resp: 1311049

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

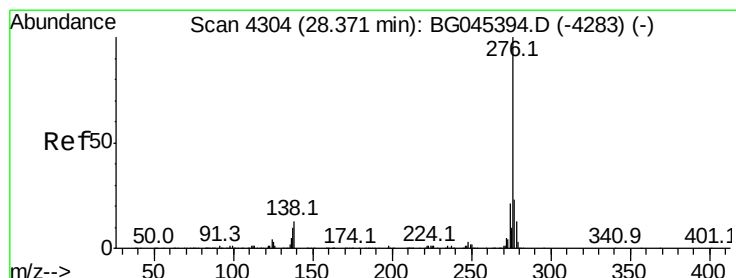
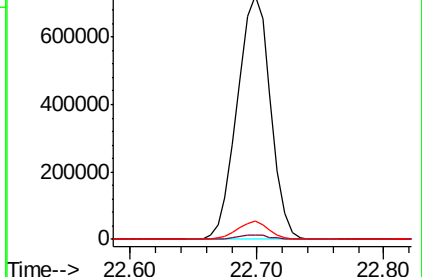
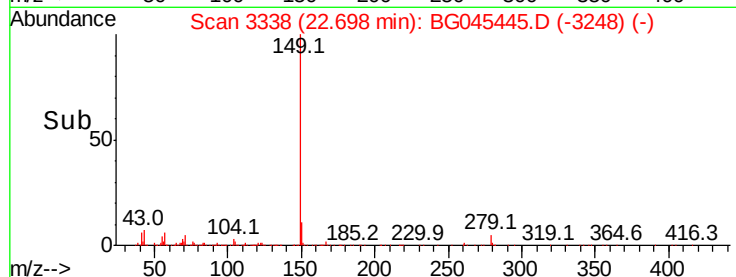
43 6.9 5.8 8.8



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: 53.283 ng

RT: 28.34 min Scan# 4298

Delta R.T. -0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

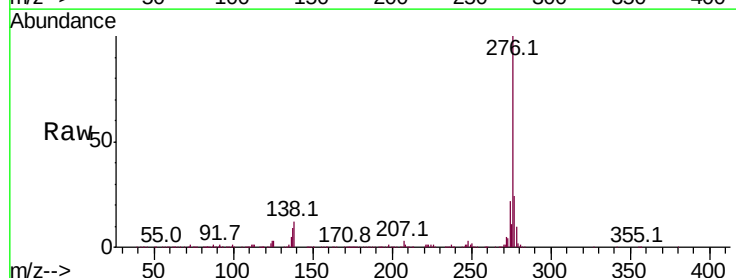
Tgt Ion:276 Resp: 1675396

Ion Ratio Lower Upper

276 100

138 11.0 8.6 12.8

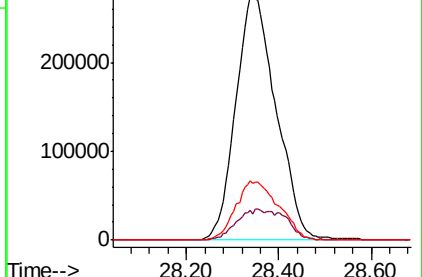
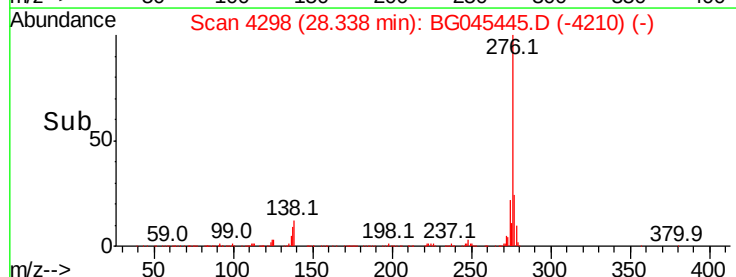
277 25.7 20.2 30.4

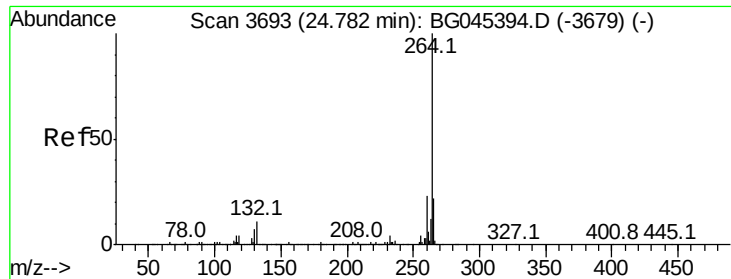


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.76 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

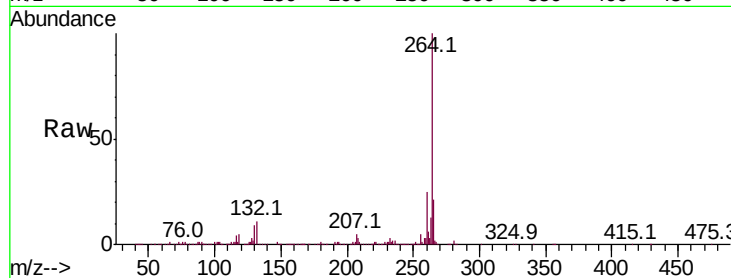
Tot Ion:264 Resp: 474069

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

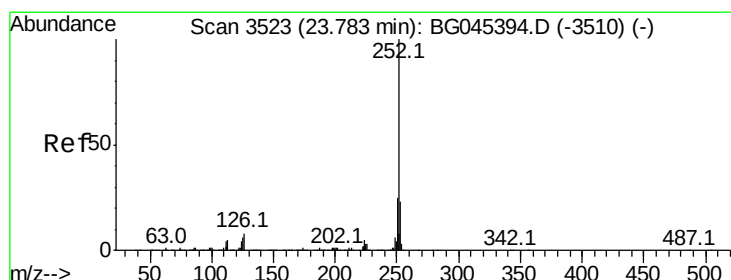
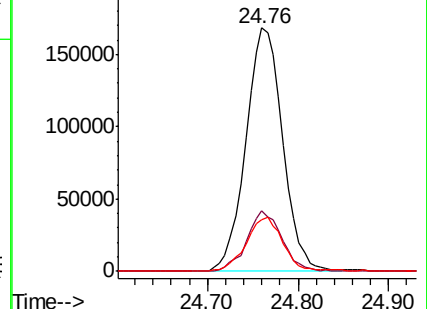
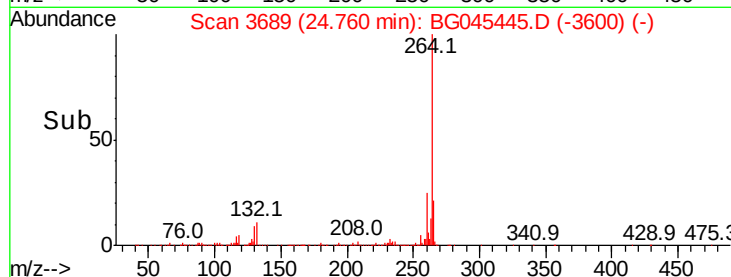
265 21.3 17.6 26.4



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: 55.936 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

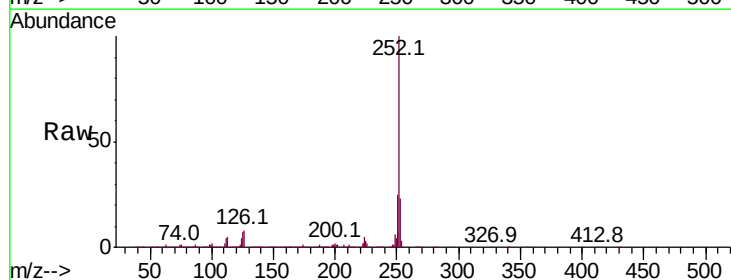
Tgt Ion:252 Resp: 1422178

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

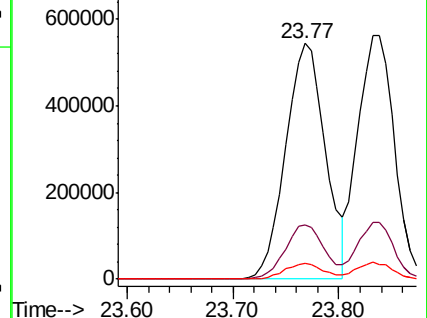
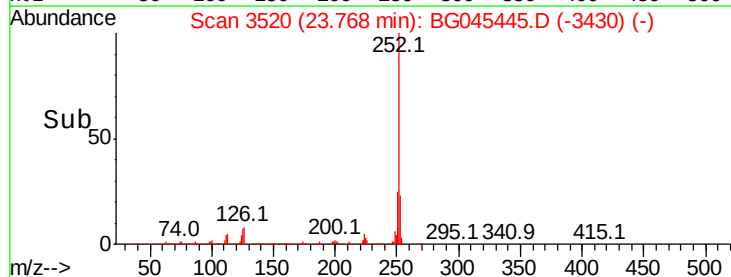
125 6.8 5.0 7.6

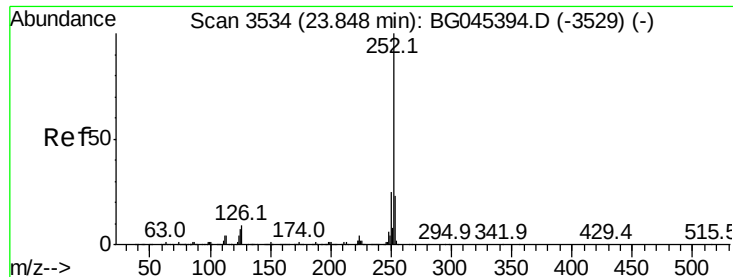


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.379 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MS

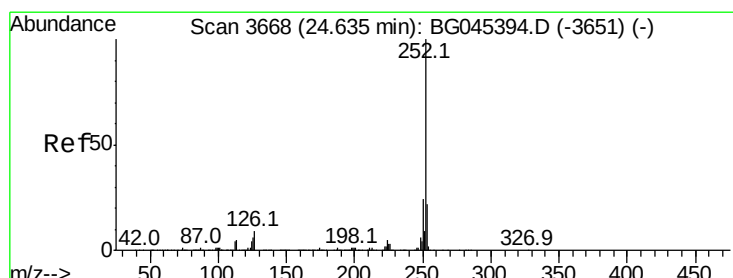
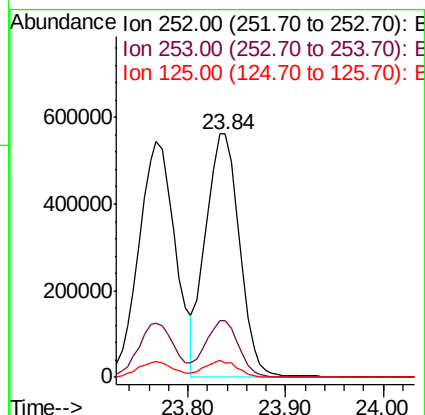
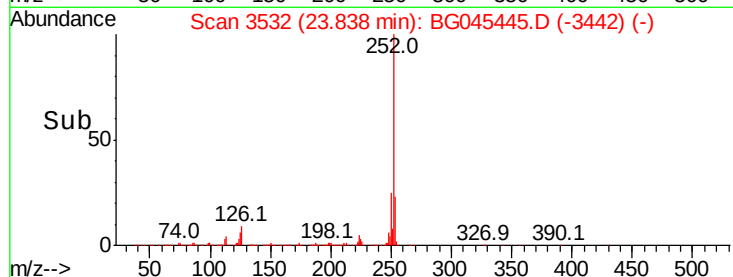
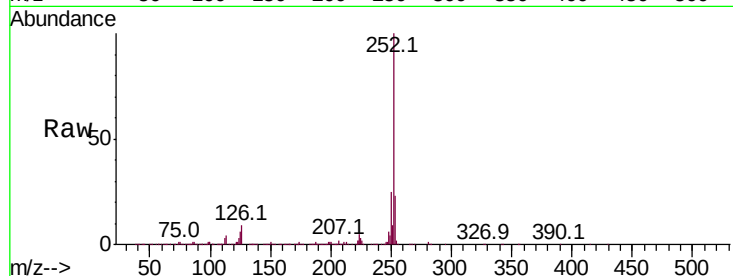
Tot Ion:252 Resp: 1346682

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 6.1 5.7 8.5



#90

Benzo(a)pyrene

Concen: 54.119 ng

RT: 24.62 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

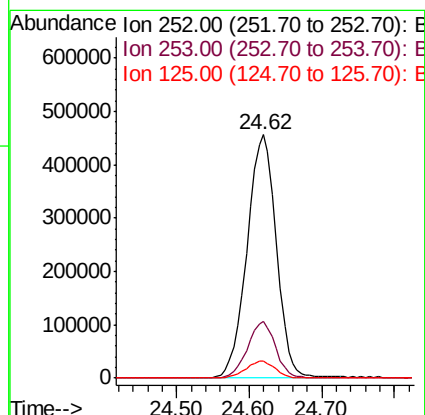
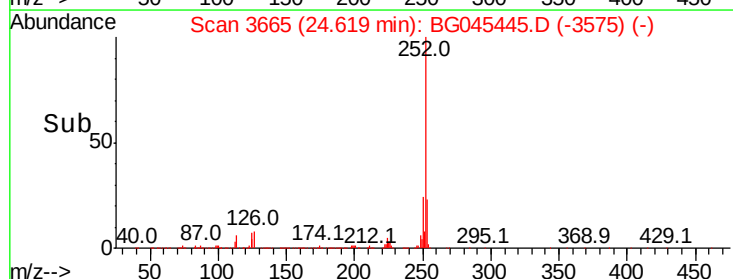
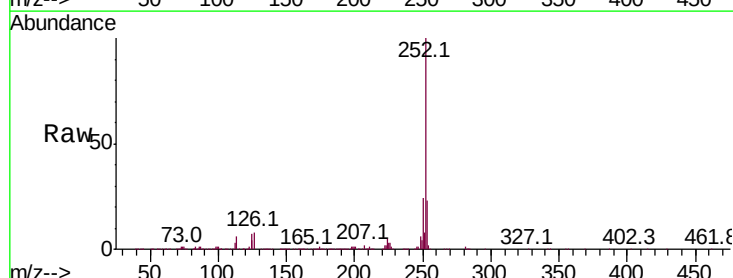
Tgt Ion:252 Resp: 1281469

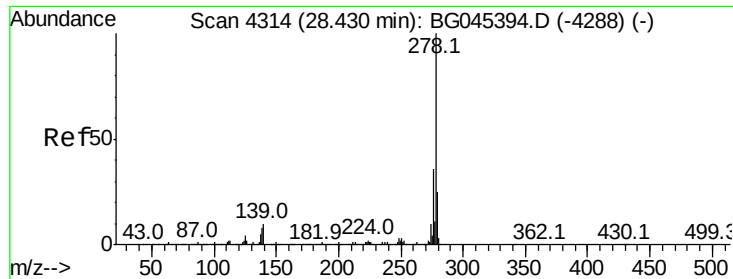
Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 57.455 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.00 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Instrument :

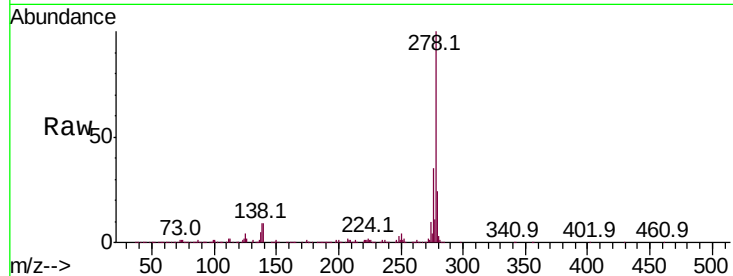
BNA_G

ClientSampleId :

TR-04-052020MS

Tot Ion:278 Resp: 1367137

Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.8	11.8
279	24.2	19.8	29.8

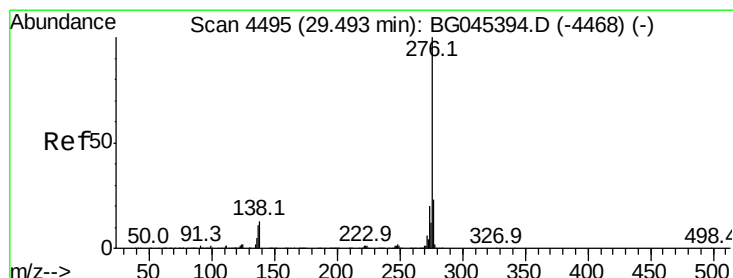
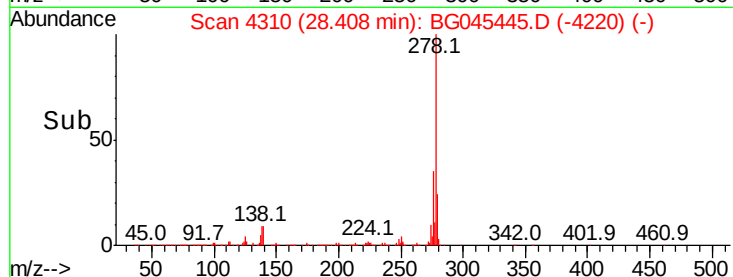
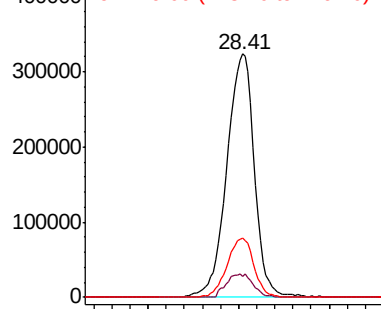


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.139 ng

RT: 29.45 min Scan# 4488

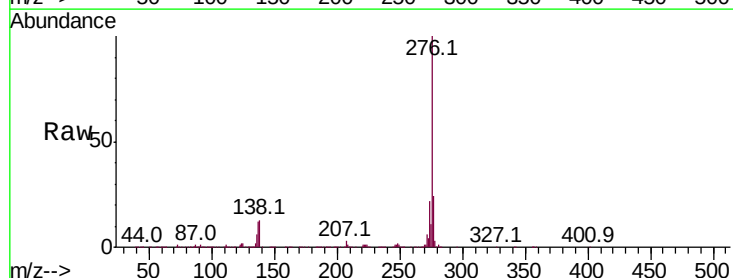
Delta R.T. -0.01 min

Lab File: BG045445.D

Acq: 21 May 2020 18:21

Tgt Ion:276 Resp: 1383589

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	13.2	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

