

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
 Data File : BG045478.D
 Acq On : 27 May 2020 16:13
 Operator : CG/JU
 Sample : L2768-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Quant Time: May 27 16:54:20 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 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84290	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	356304	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	259267	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	583424	20.00	ng	0.00
76) Chrysene-d12	21.61	240	512803	20.00	ng	0.00
87) Perylene-d12	24.76	264	563383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	534740	123.98	ng	0.00
7) Phenol-d6	7.18	99	775341	126.30	ng	0.00
23) Nitrobenzene-d5	9.12	82	502109	76.85	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	391592	118.10	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1190715	77.90	ng	0.00
79) Terphenyl-d14	19.96	244	1816650	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	76460	35.749	ng	97
3) Pyridine	3.80	79	180141	30.242	ng	93
4) n-Nitrosodimethylamine	3.72	42	80106	41.097	ng	97
6) Aniline	7.29	93	221682	27.663	ng	96
8) 2-Chlorophenol	7.54	128	244101	51.609	ng	98
9) Benzaldehyde	7.09	77	159399	39.854	ng	96
10) Phenol	7.21	94	321073	50.748	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	219183	44.414	ng	98
12) 1,3-Dichlorobenzene	7.85	146	257234	45.257	ng	97
13) 1,4-Dichlorobenzene	7.99	146	257099	45.835	ng	97
14) 1,2-Dichlorobenzene	8.32	146	246402	45.673	ng	99
15) Benzyl Alcohol	8.21	79	248036	48.911	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	202331	43.193	ng	99
17) 2-Methylphenol	8.44	107	224044	47.311	ng	99
18) Hexachloroethane	9.04	117	100473	46.768	ng	92
19) n-Nitroso-di-n-propylamine	8.77	70	201815	47.541	ng	99
20) 3+4-Methylphenols	8.44	107	224044	34.743	ng	76
22) Acetophenone	8.78	105	368486	43.635	ng	# 94
24) Nitrobenzene	9.16	77	305493	43.639	ng	99
25) Isophorone	9.68	82	551525	42.861	ng	98
26) 2-Nitrophenol	9.88	139	142052	47.435	ng	91
27) 2,4-Dimethylphenol	9.97	122	234617	52.823	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	307181	45.520	ng	96
29) 2,4-Dichlorophenol	10.44	162	263058	50.155	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	284531	45.910	ng	99
31) Naphthalene	10.82	128	756804	45.581	ng	99
32) Benzoic acid	10.16	122	171356	54.904	ng	97
33) 4-Chloroaniline	10.94	127	90548	13.047	ng	# 94
34) Hexachlorobutadiene	11.11	225	197008	44.970	ng	99
35) Caprolactam	11.70	113	49392	25.656	ng	90
36) 4-Chloro-3-methylphenol	12.09	107	287049	48.569	ng	98
37) 2-Methylnaphthalene	12.43	142	573347	46.330	ng	98
38) 1-Methylnaphthalene	12.43	142	573347	49.046	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	339030	46.816	ng	99

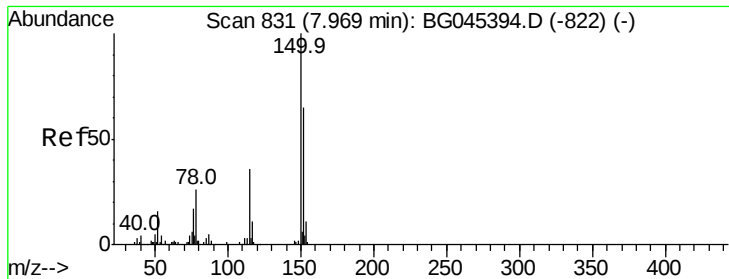
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	329717	78.883	nq	96
43) 2,4,6-Trichlorophenol	13.05	196	233745	46.465	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	252458	43.916	nq	97
46) 1,1'-Biphenyl	13.44	154	744873	46.757	nq	99
47) 2-Chloronaphthalene	13.48	162	570225	44.079	nq	99
48) 2-Nitroaniline	13.68	65	179814	42.256	nq	88
49) Acenaphthylene	14.32	152	945688	45.511	nq	99
50) Dimethylphthalate	14.06	163	878965	49.420	nq	97
51) 2,6-Dinitrotoluene	14.18	165	172720	43.037	nq	98
52) Acenaphthene	14.67	154	554077	39.836	nq	95
53) 3-Nitroaniline	14.51	138	92192	22.598	nq	# 93
54) 2,4-Dinitrophenol	14.72	184	196040	74.939	nq	99
55) Dibenzofuran	15.01	168	903746	43.754	nq	97
56) 4-Nitrophenol	14.88	139	275037	89.045	nq	95
57) 2,4-Dinitrotoluene	14.97	165	244865	42.128	nq	95
58) Fluorene	15.65	166	748229	44.093	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	233617	46.192	nq	99
60) Diethylphthalate	15.42	149	778036	42.029	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	419254	43.175	nq	97
62) 4-Nitroaniline	15.68	138	159766	37.512	nq	98
63) Azobenzene	15.94	77	738154	42.764	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	148102	43.587	nq	95
66) n-Nitrosodiphenylamine	15.86	169	661546	47.226	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	291359	46.119	nq	94
68) Hexachlorobenzene	16.66	284	313715	47.478	nq	98
69) Atrazine	16.82	200	245452	42.541	nq	97
70) Pentachlorophenol	17.02	266	343153	100.017	nq	98
71) Phenanthrene	17.40	178	1161946	45.621	nq	98
72) Anthracene	17.49	178	1196214	46.768	nq	95
73) Carbazole	17.76	167	1082119	43.403	nq	99
74) Di-n-butylphthalate	18.31	149	1277226	42.681	nq	99
75) Fluoranthene	19.41	202	1411356	43.566	nq	99
77) Benzidine	19.58	184	574325	39.877	nq	98
78) Pyrene	19.76	202	1388130	47.487	nq	98
80) Butylbenzylphthalate	20.65	149	557129	44.155	nq	97
81) Benzo(a)anthracene	21.59	228	1342384	46.991	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	348349	31.087	nq	98
83) Chrysene	21.66	228	1265457	46.070	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	771108	44.459	nq	99
85) Di-n-octyl phthalate	22.70	149	1297237	43.547	nq	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1687374	46.977	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1427488	47.245	nq	99
89) Benzo(k)fluoranthene	23.83	252	1331293	46.899	nq	99
90) Benzo(a)pyrene	24.62	252	1282940	45.591	nq	97
91) Dibenzo(a,h)anthracene	28.40	278	1369836	48.442	nq	100
92) Benzo(g,h,i)perylene	29.46	276	1402275	49.583	nq	99

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

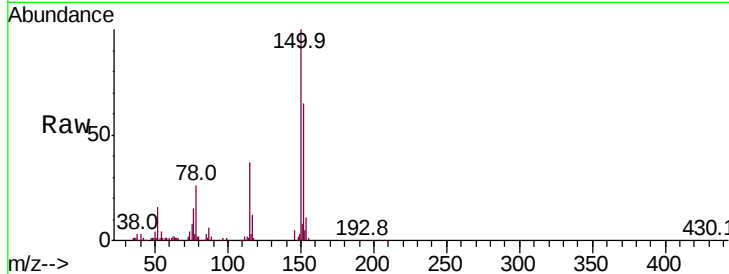


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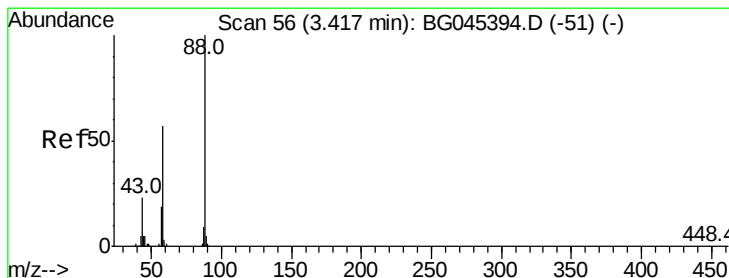
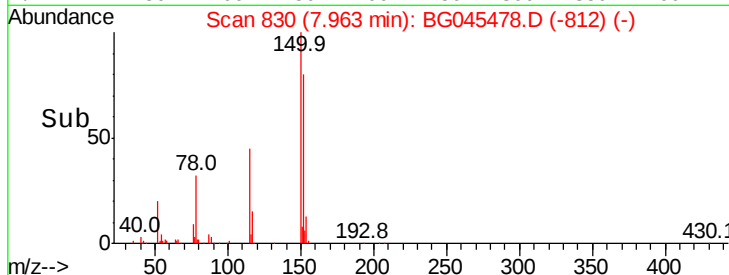
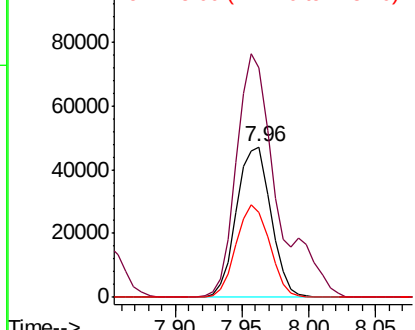
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion:152 Resp: 84290
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 56.1 44.2 66.4



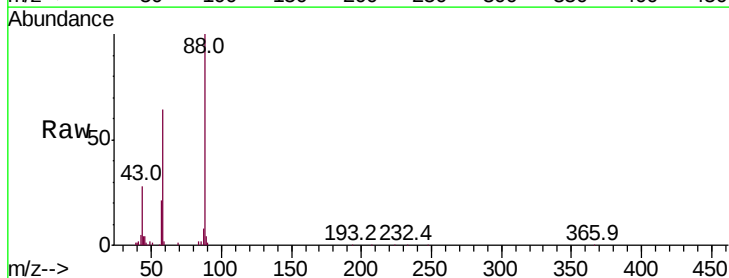
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



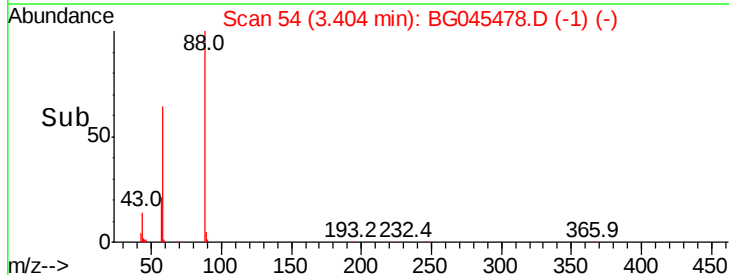
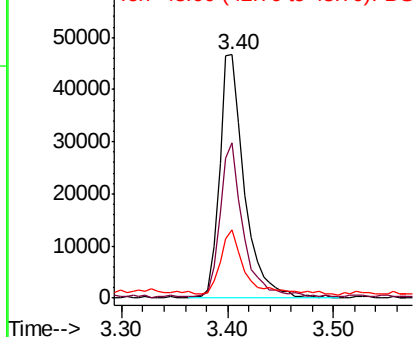
#2

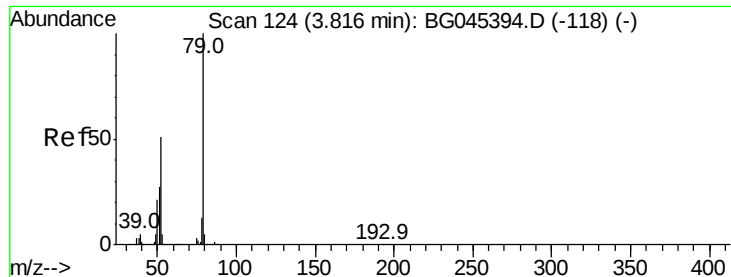
1,4-Dioxane
Concen: 35.749 ng
RT: 3.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion: 88 Resp: 76460
Ion Ratio Lower Upper
88 100
58 58.4 45.7 68.5
43 23.7 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: 30.242 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

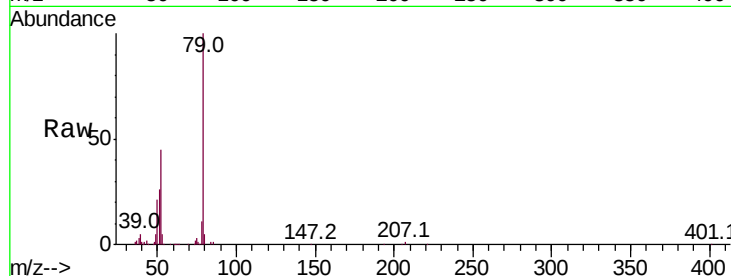
Tot Ion: 79 Resp: 180141

Ion Ratio Lower Upper

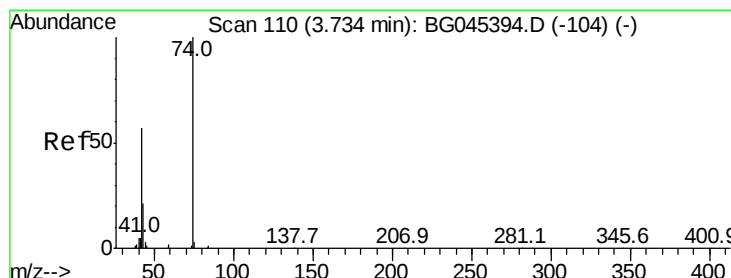
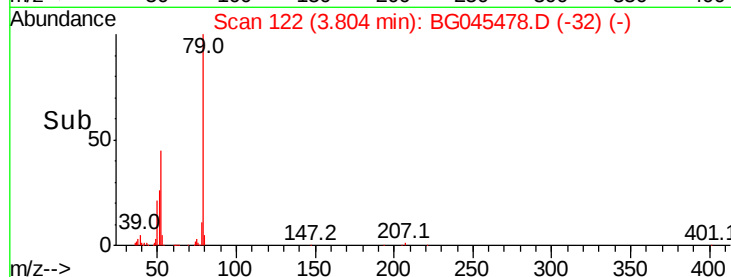
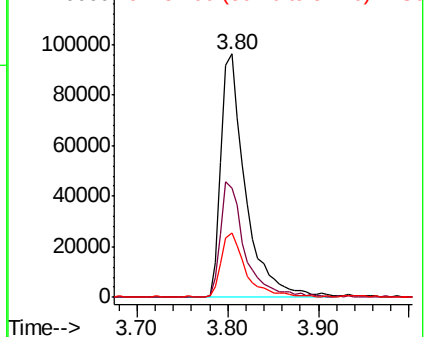
79 100

52 44.7 40.8 61.2

51 26.4 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.097 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

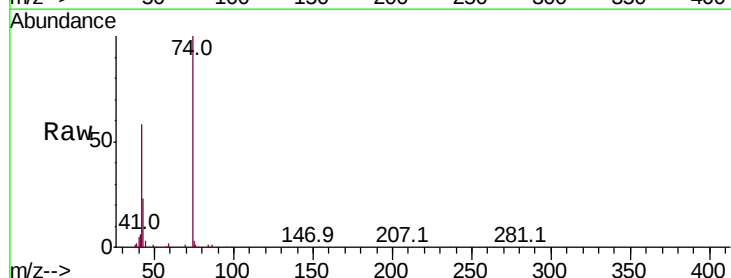
Tgt Ion: 42 Resp: 80106

Ion Ratio Lower Upper

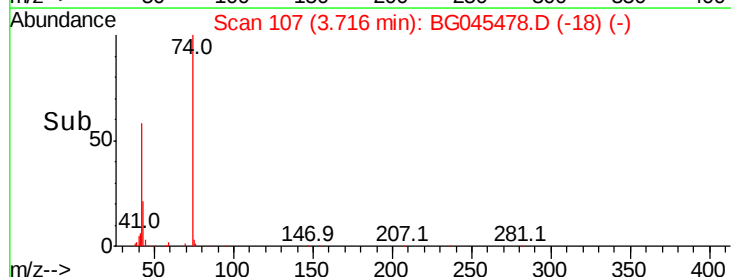
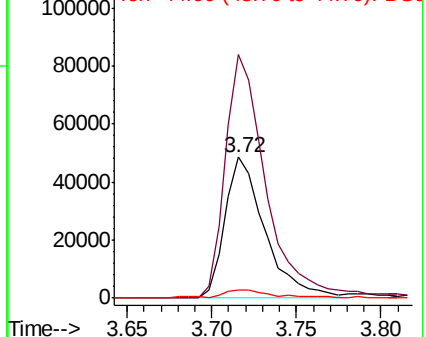
42 100

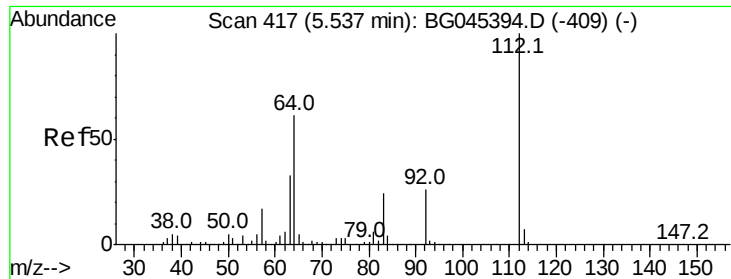
74 172.5 141.3 211.9

44 5.4 4.2 6.4



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





#5

2-Fluorophenol

Concen: 123.982 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

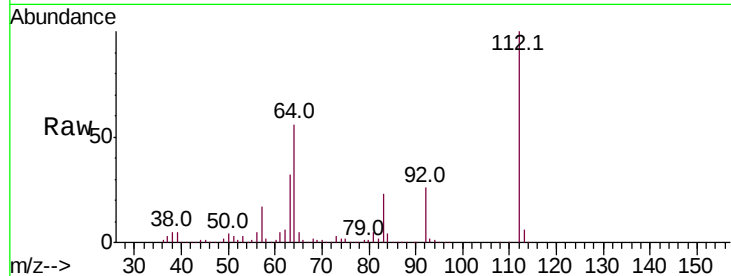
Tot Ion:112 Resp: 534740

Ion Ratio Lower Upper

112 100

64 56.4 48.6 72.8

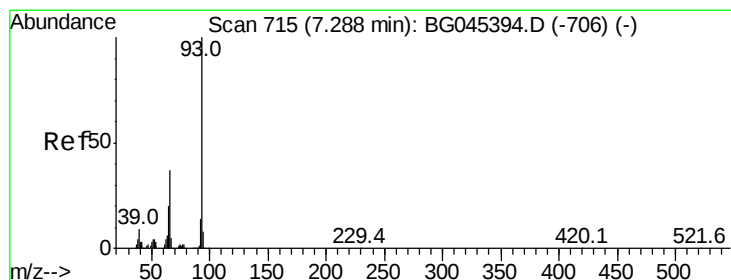
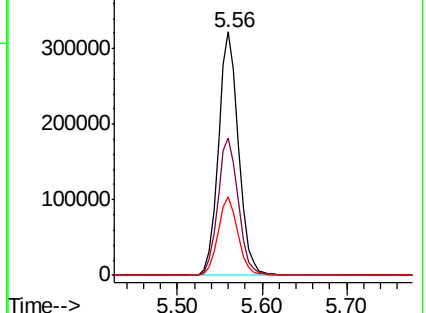
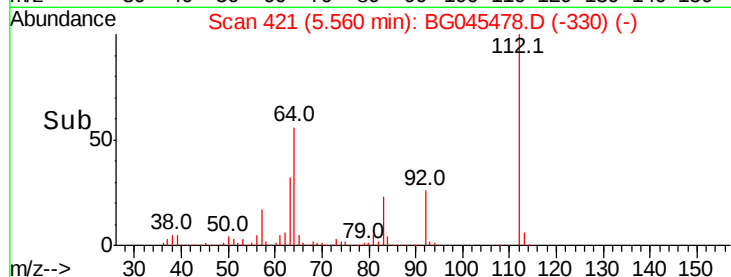
63 32.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.663 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

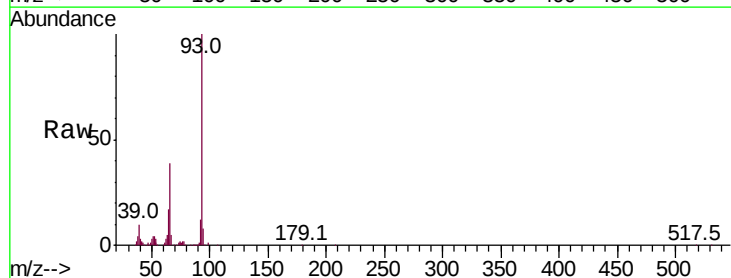
Tgt Ion: 93 Resp: 221682

Ion Ratio Lower Upper

93 100

66 38.6 29.6 44.4

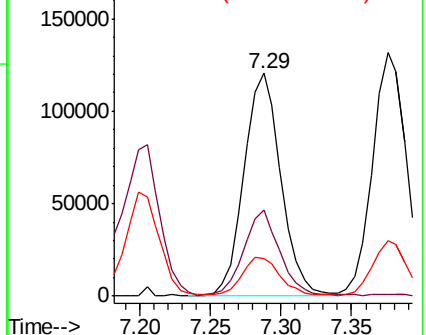
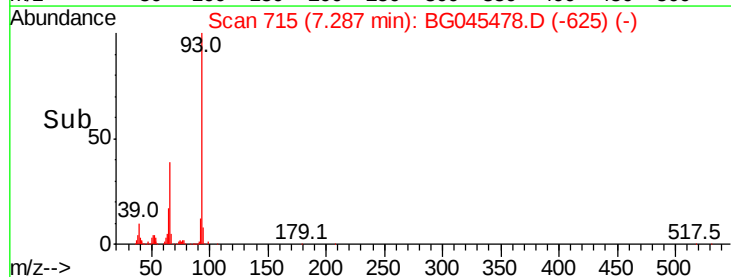
65 17.1 15.9 23.9

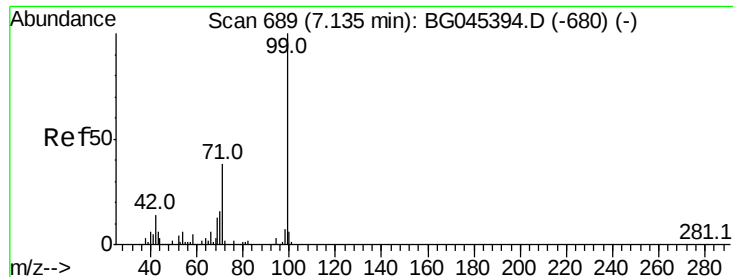


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.302 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

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370MS

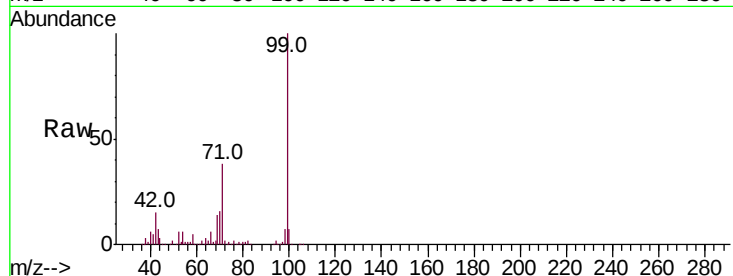
Tot Ion: 99 Resp: 775341

Ion Ratio Lower Upper

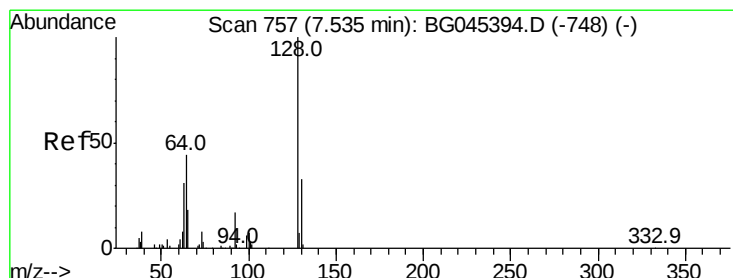
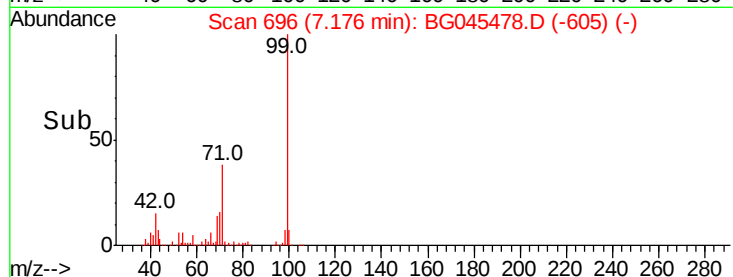
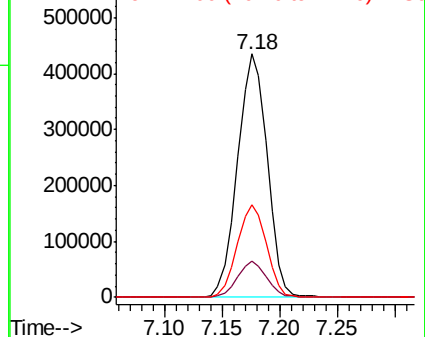
99 100

42 14.8 11.3 16.9

71 38.0 30.8 46.2



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



#8

2-Chlorophenol

Concen: 51.609 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

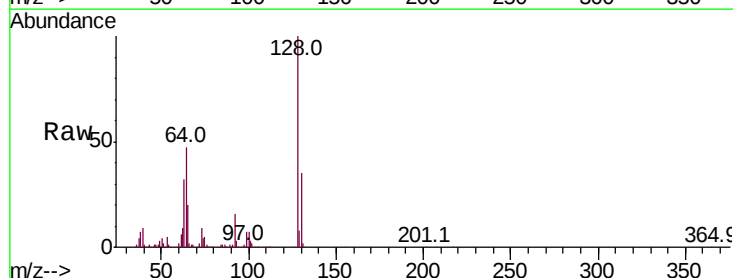
Tgt Ion: 128 Resp: 244101

Ion Ratio Lower Upper

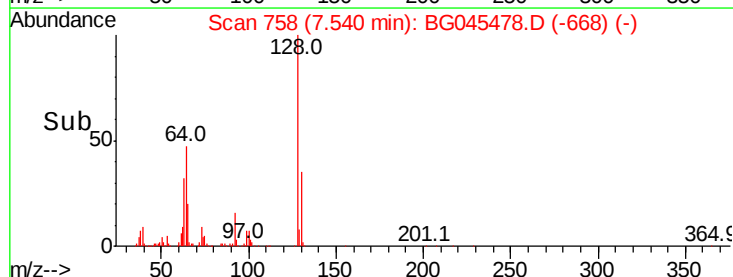
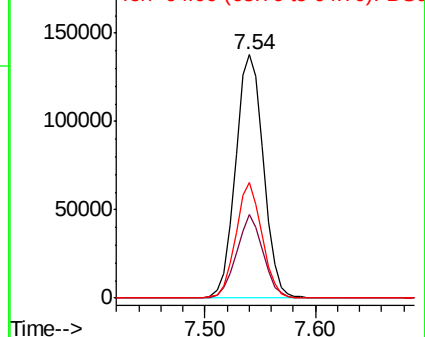
128 100

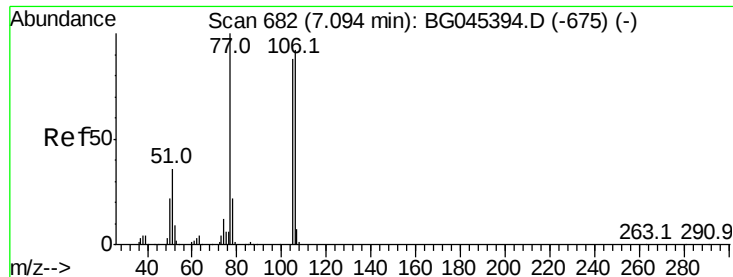
130 34.5 12.6 52.6

64 47.3 27.0 67.0



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





#9

Benzaldehyde

Concen: 39.854 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

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ClientSampleId :

370MS

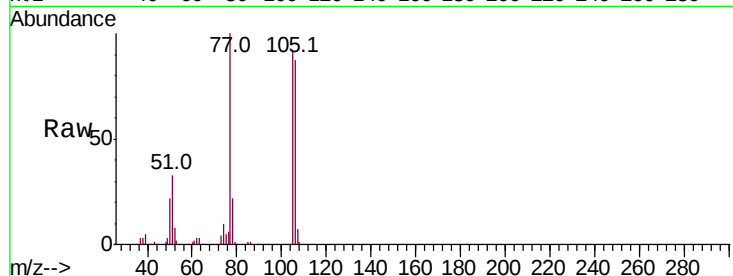
Tot Ion: 77 Resp: 159399

Ion Ratio Lower Upper

77 100

105 92.2 68.5 108.5

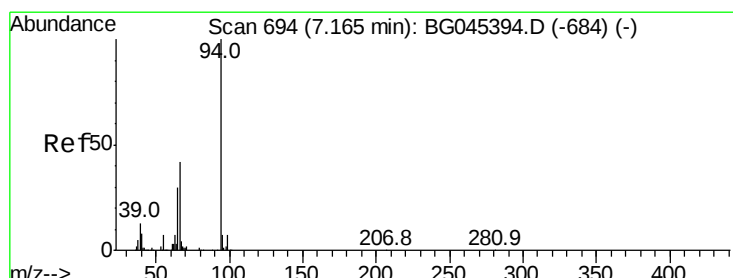
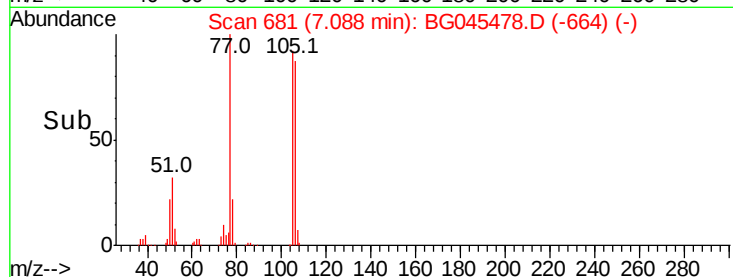
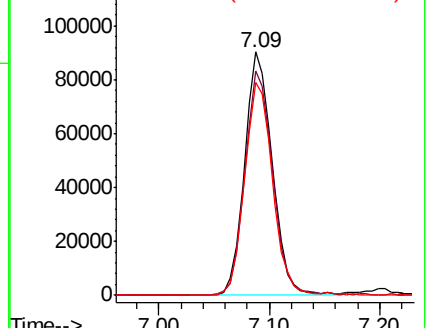
106 87.3 71.6 111.6



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: 50.748 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

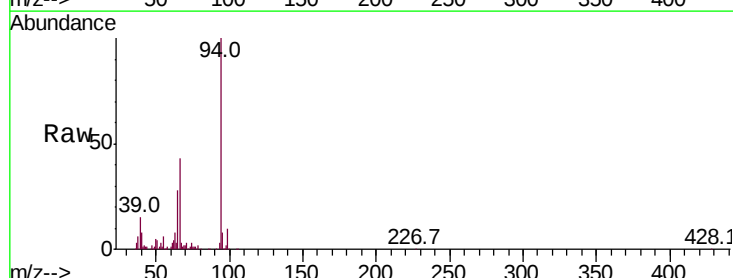
Tgt Ion: 94 Resp: 321073

Ion Ratio Lower Upper

94 100

65 28.1 9.8 49.8

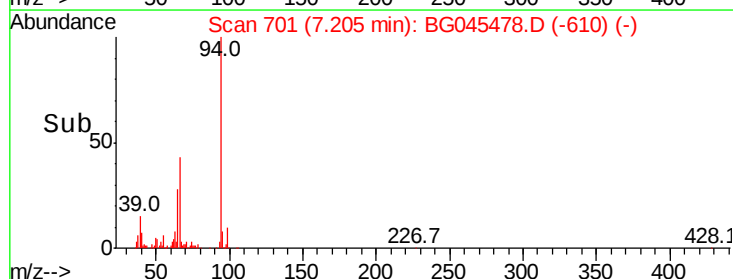
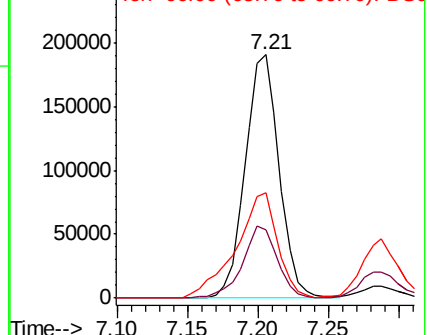
66 43.1 22.0 62.0

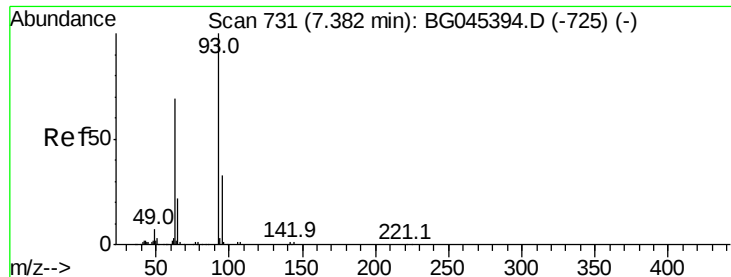


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

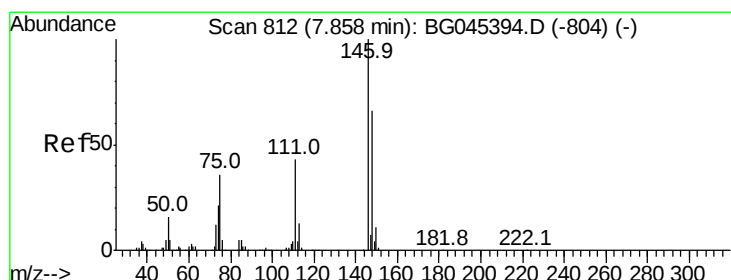
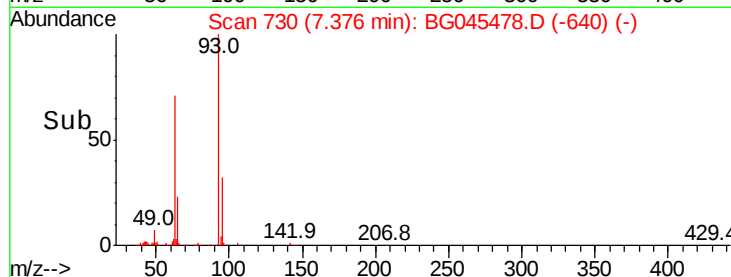
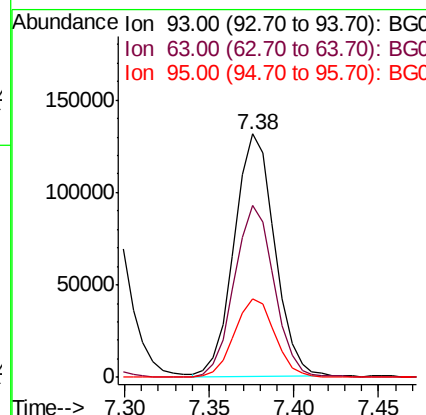
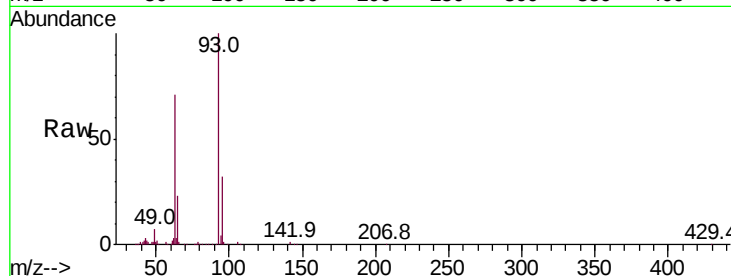




#11
bis(2-Chloroethyl)ether
Concen: 44.414 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

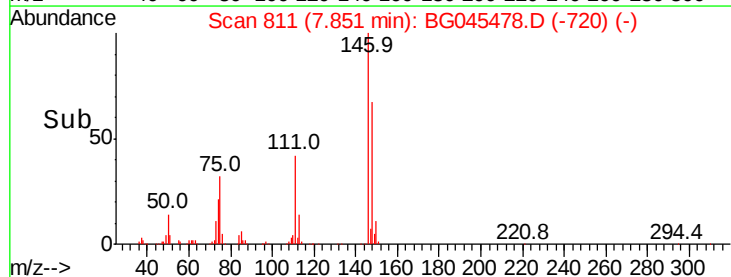
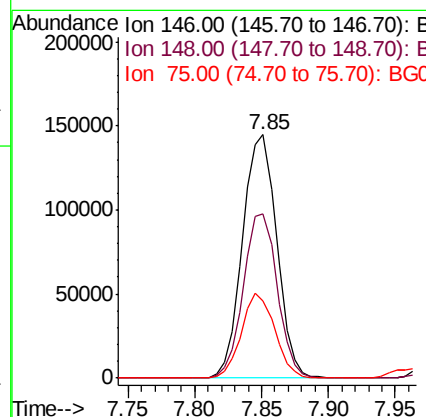
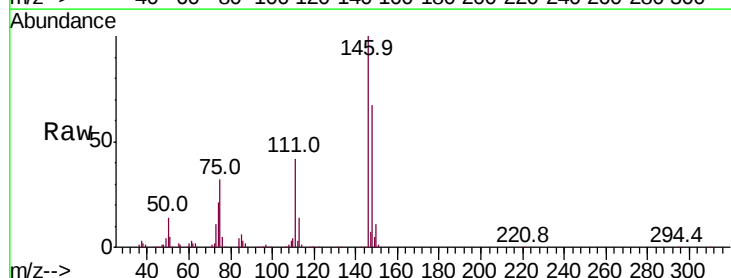
Instrument :
BNA_G
ClientSampleId :
370MS

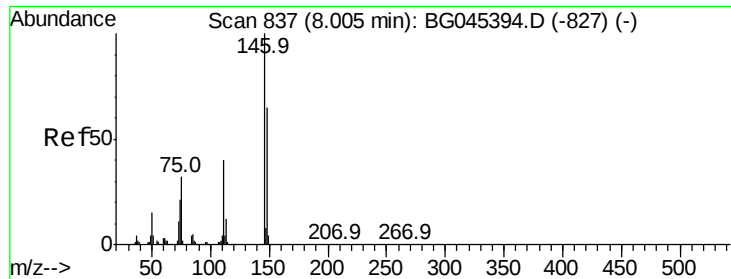
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	48.4	88.4
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 45.257 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.2	79.8
75	31.9	28.6	43.0

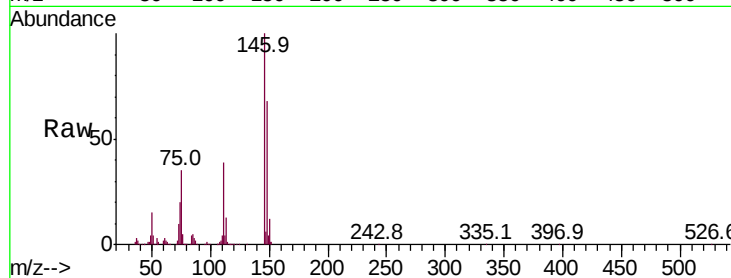




#13
 1,4-Dichlorobenzene
 Concen: 45.835 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 370MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	51.8	77.8
111	39.4	32.1	48.1

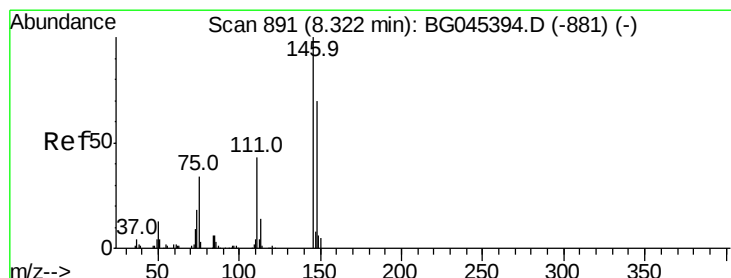
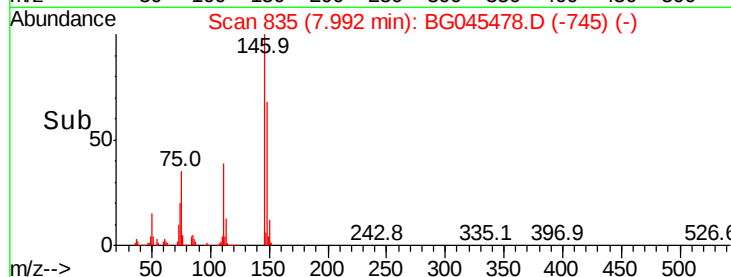
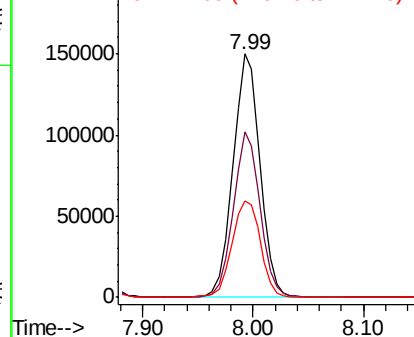


Abundance

Ion 146.00 (145.70 to 146.70): E

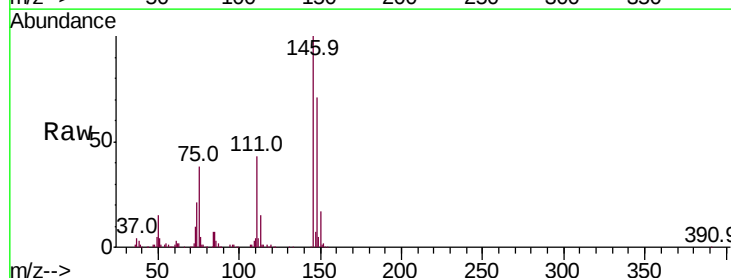
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.673 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.1	55.9	83.9
111	43.1	35.0	52.4

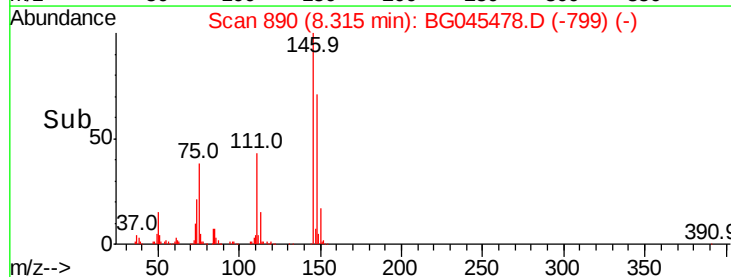
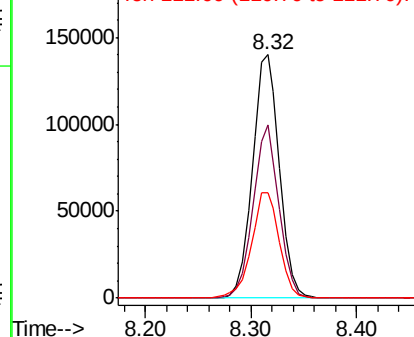


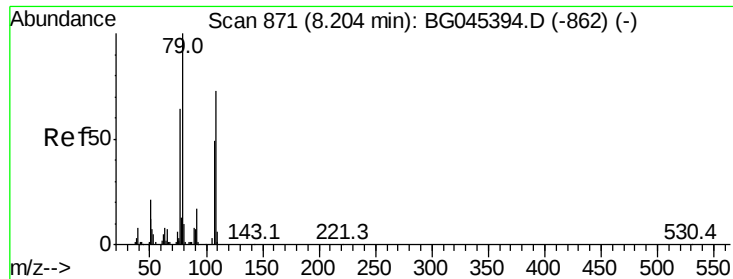
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.911 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

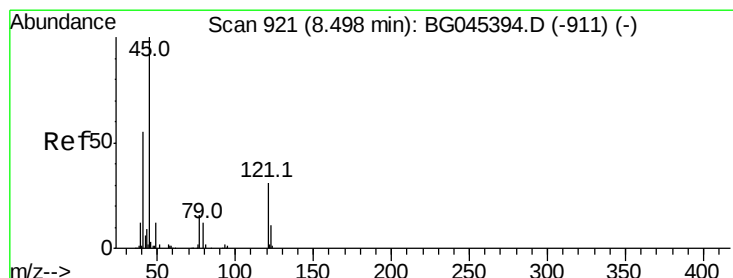
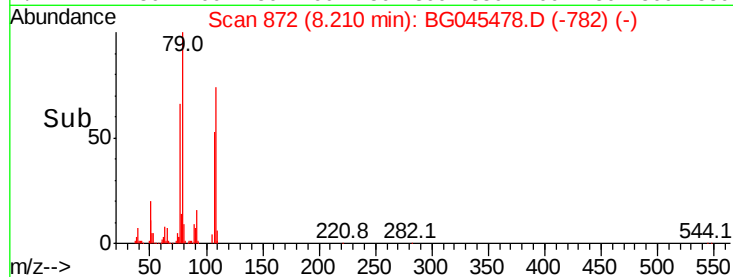
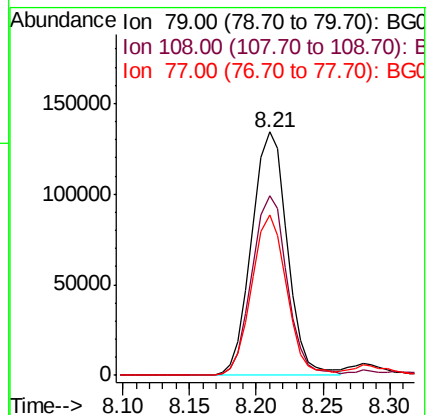
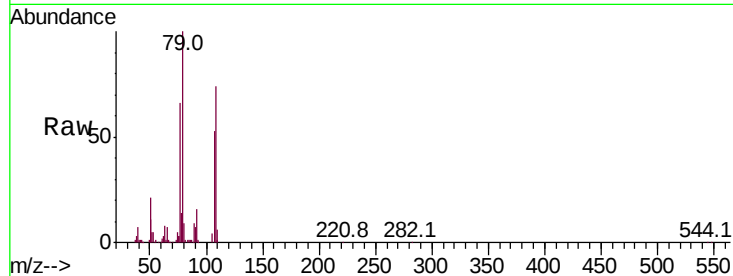
Tot Ion: 79 Resp: 248036

Ion Ratio Lower Upper

79 100

108 74.0 58.2 87.4

77 65.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.193 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

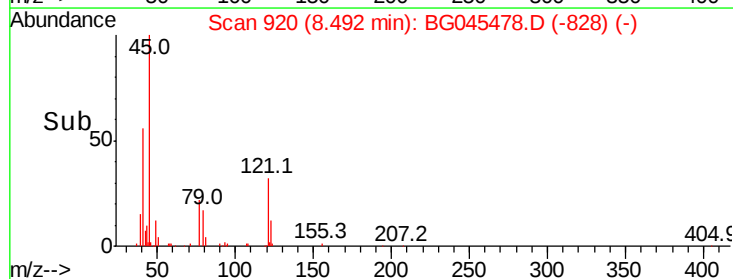
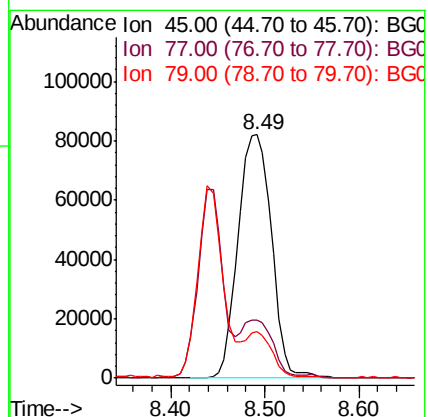
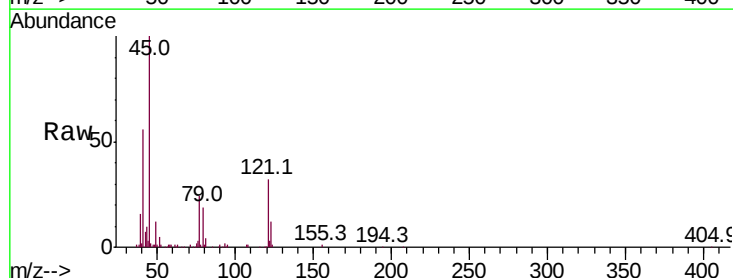
Tgt Ion: 45 Resp: 202331

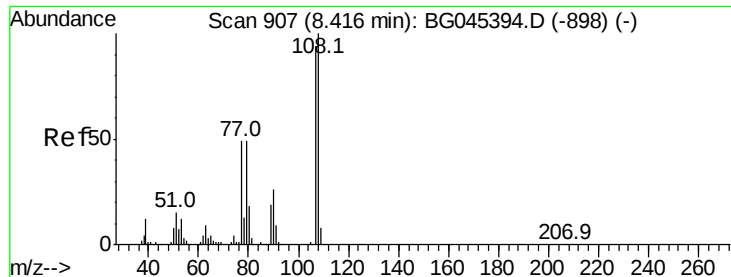
Ion Ratio Lower Upper

45 100

77 23.9 4.0 44.0

79 19.2 0.0 38.6





#17

2-Methylphenol

Concen: 47.311 ng

RT: 8.44 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:107 Resp: 224044

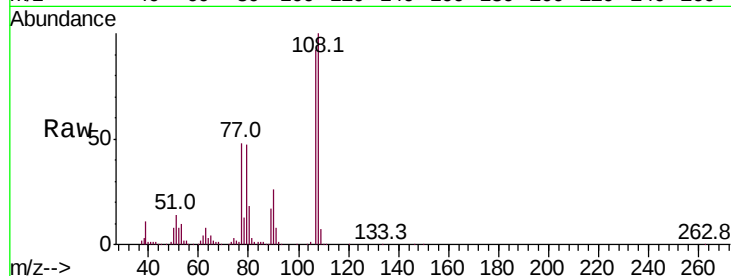
Ion Ratio Lower Upper

107 100

108 108.6 85.2 127.8

77 52.2 41.6 62.4

79 51.4 41.8 62.8

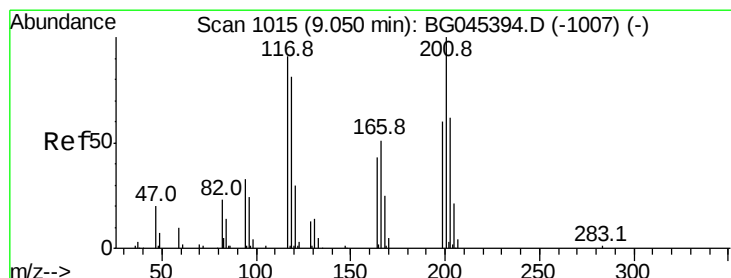
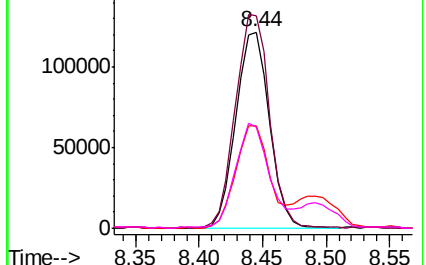
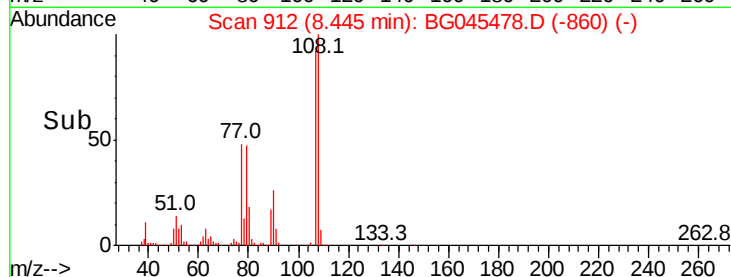


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.768 ng

RT: 9.04 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

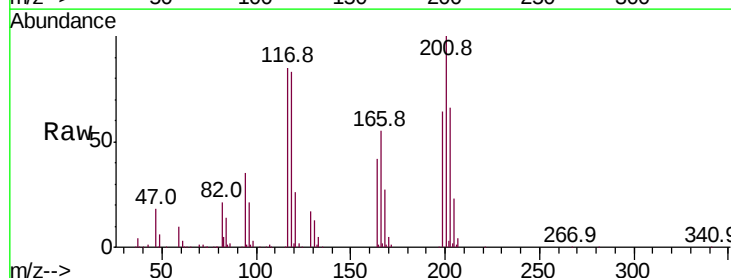
Tgt Ion:117 Resp: 100473

Ion Ratio Lower Upper

117 100

119 97.5 71.3 106.9

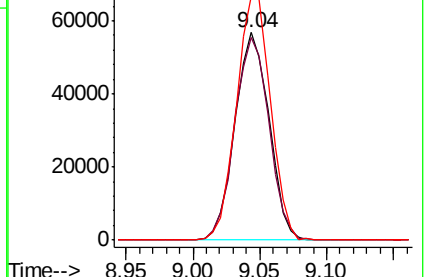
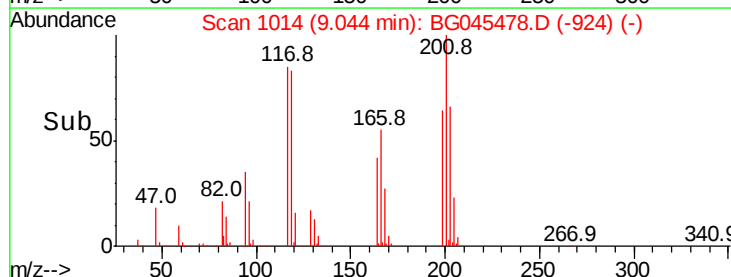
201 117.4 87.5 131.3

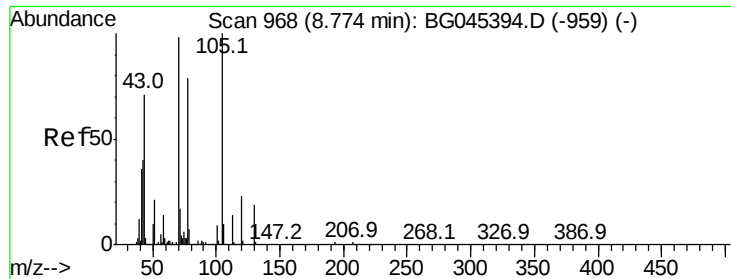


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

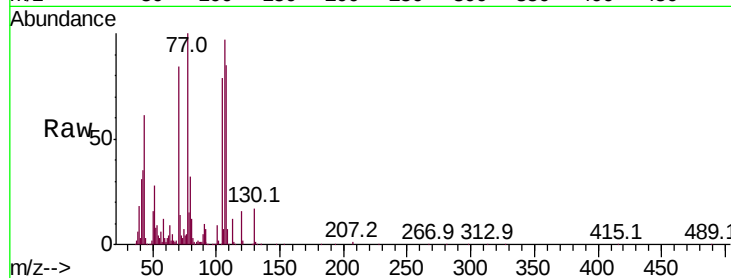




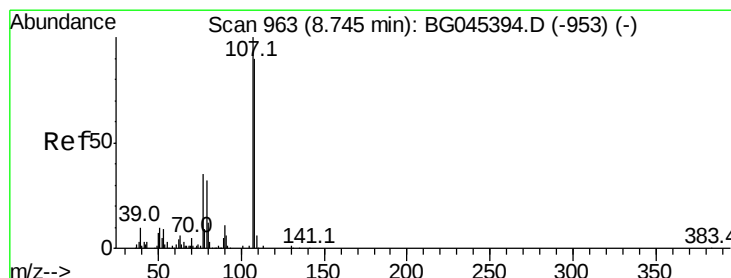
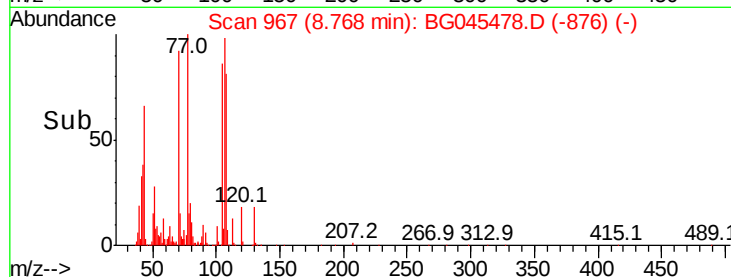
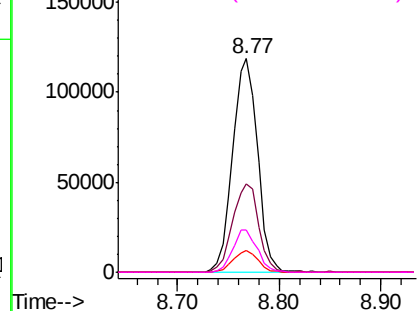
#19
n-Nitroso-di-n-propylamine
Concen: 47.541 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion: 70 Resp: 201815
Ion Ratio Lower Upper
70 100
42 41.3 33.2 49.8
101 10.2 7.8 11.6
130 20.0 15.4 23.2

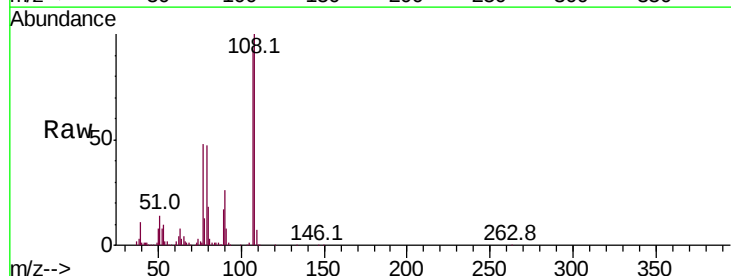


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

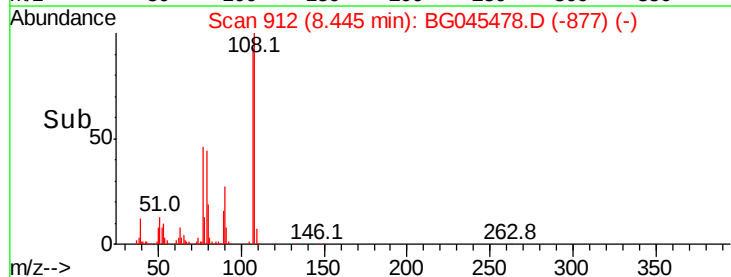
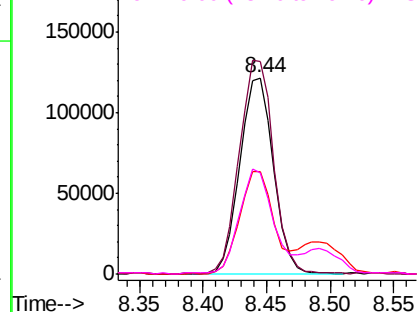


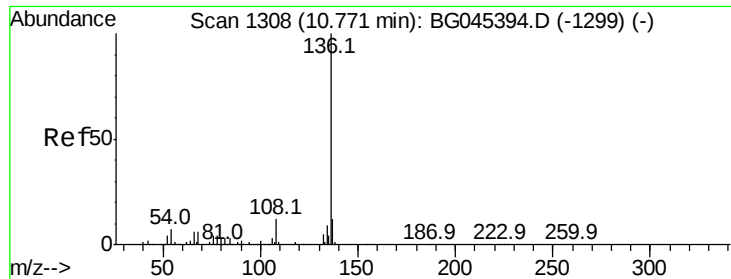
#20
3+4-Methylphenols
Concen: 34.743 ng
RT: 8.44 min Scan# 912
Delta R.T. -0.32 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:107 Resp: 224044
Ion Ratio Lower Upper
107 100
108 108.6 70.3 110.3
77 52.2 15.4 55.4
79 51.4 12.6 52.6



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

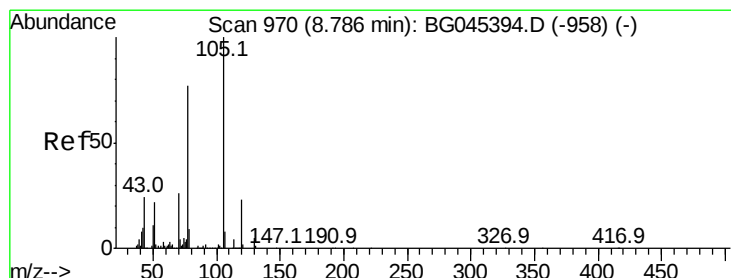
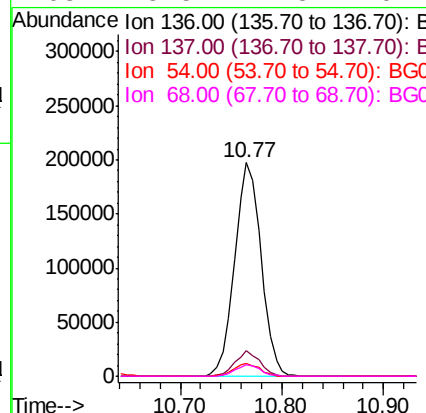
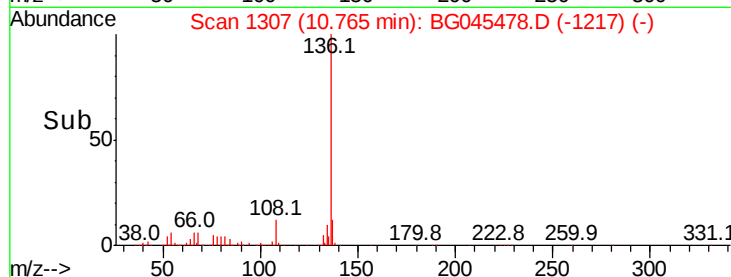
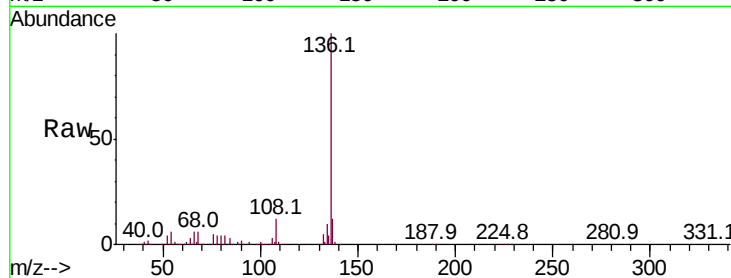




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

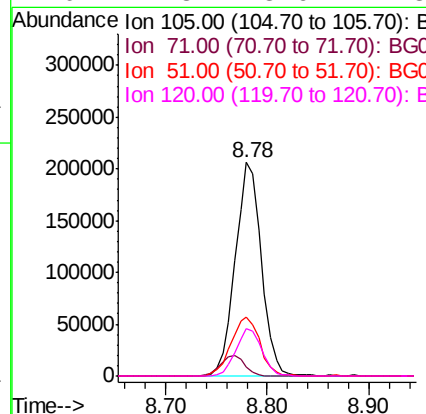
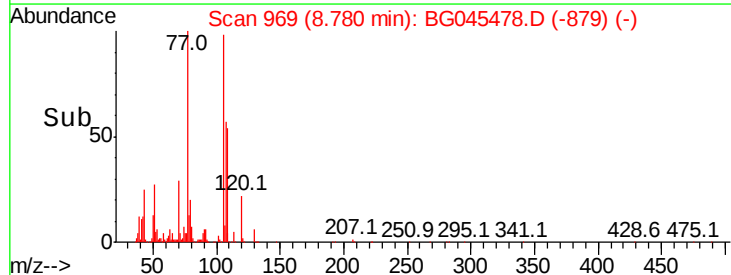
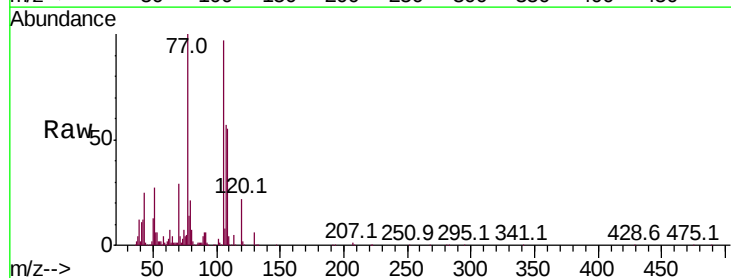
Instrument :
BNA_G
ClientSampleId :
370MS

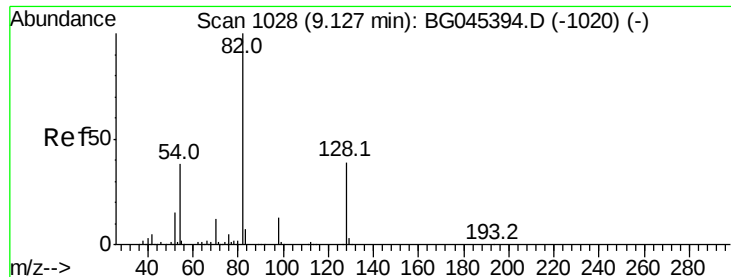
Tot Ion:136	Resp:	356304
Ion Ratio	Lower	Upper
136 100		
137 12.1	9.4	14.2
54 5.7	5.8	8.6#
68 5.5	4.5	6.7



#22
Acetophenone
Concen: 43.635 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt	Ion:105	Resp:	368486
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.4	5.0
51	27.8	18.2	27.2#
120	22.3	18.6	27.8

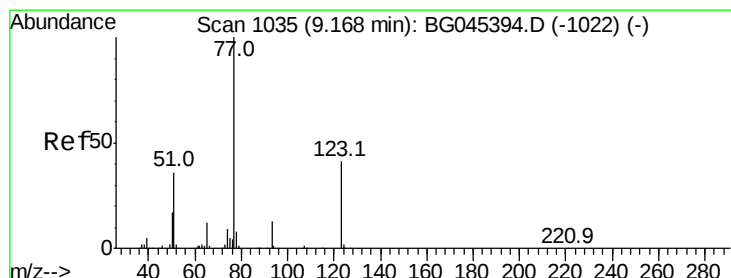
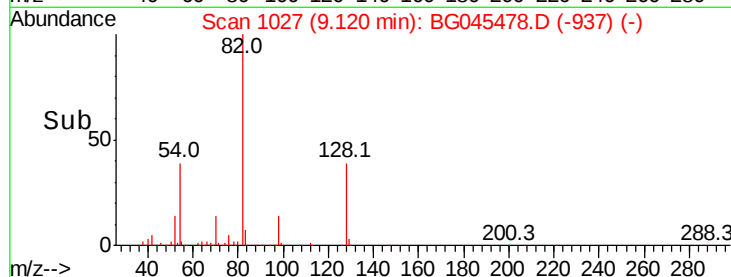
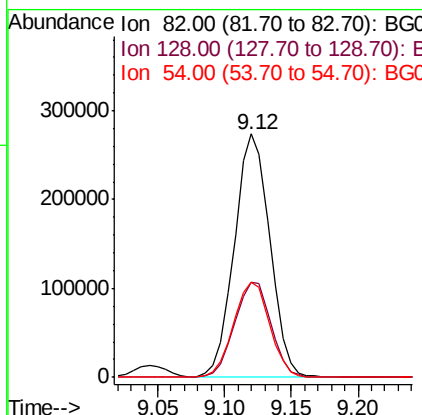
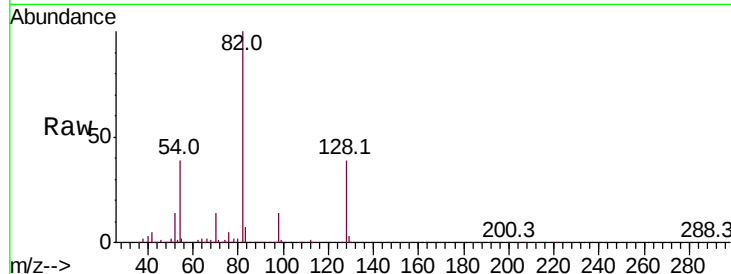




#23
 Nitrobenzene-d5
 Concen: 76.847 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

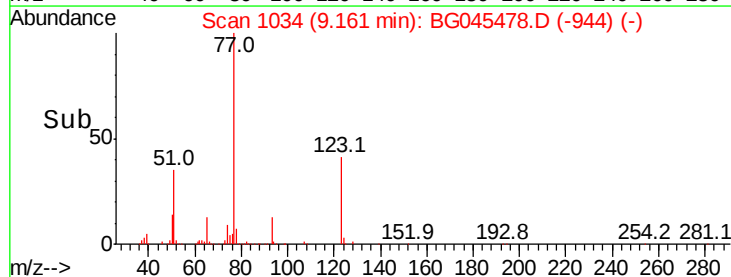
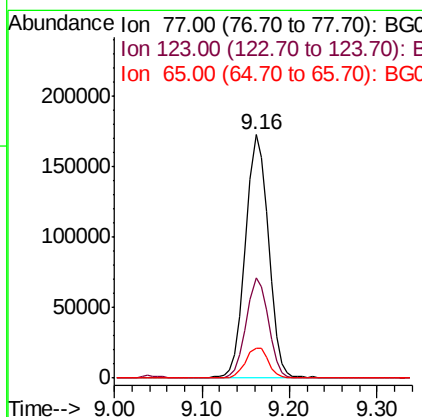
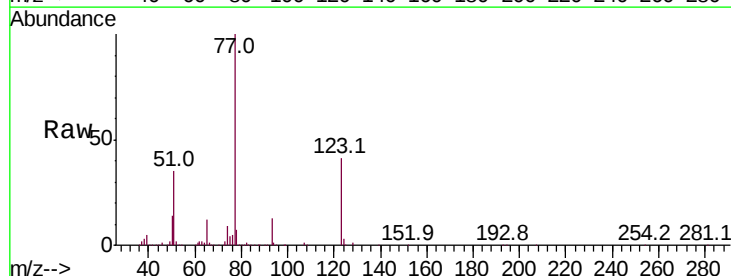
Instrument :
 BNA_G
 ClientSampleId :
 370MS

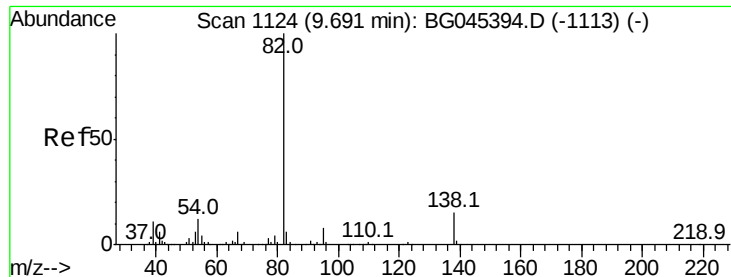
Tot Ion	82	Resp	502109
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.9	46.3
54	38.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.639 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	77	Resp	305493
Ion Ratio	Lower	Upper	
77	100		
123	41.3	32.9	49.3
65	12.5	9.4	14.2





#25

Isophorone

Concen: 42.861 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

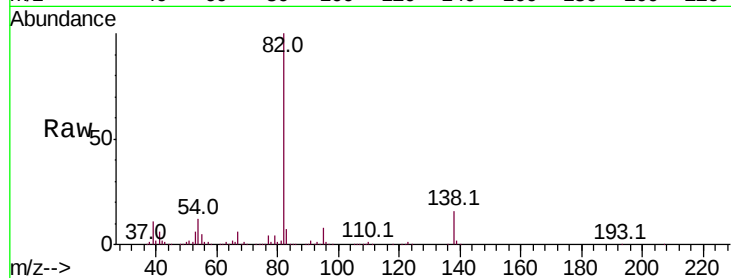
Tot Ion: 82 Resp: 551525

Ion Ratio Lower Upper

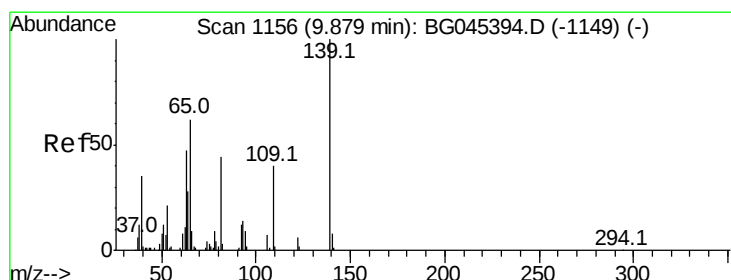
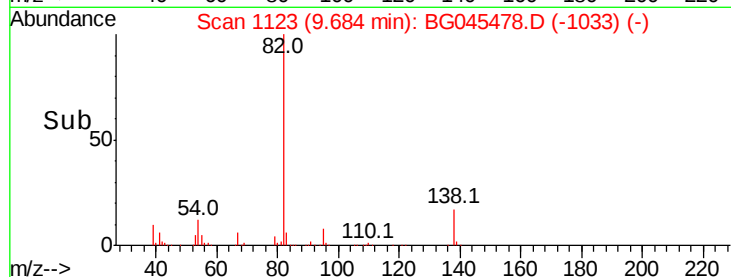
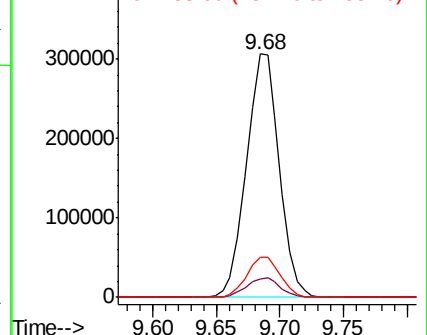
82 100

95 7.8 6.7 10.1

138 16.4 12.2 18.4



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



#26

2-Nitrophenol

Concen: 47.435 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

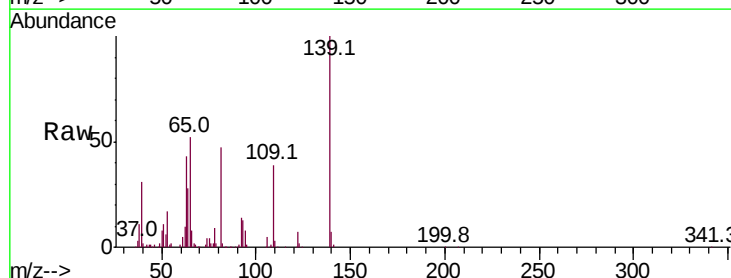
Tgt Ion: 139 Resp: 142052

Ion Ratio Lower Upper

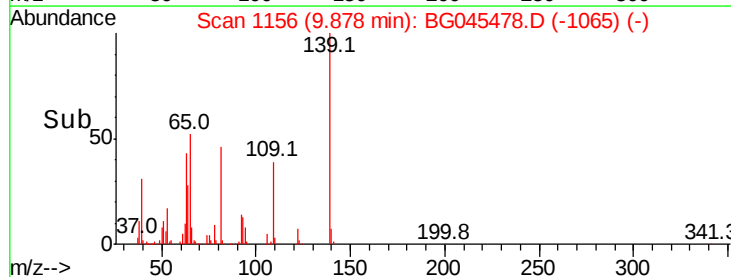
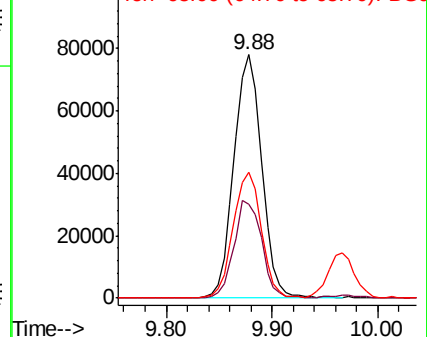
139 100

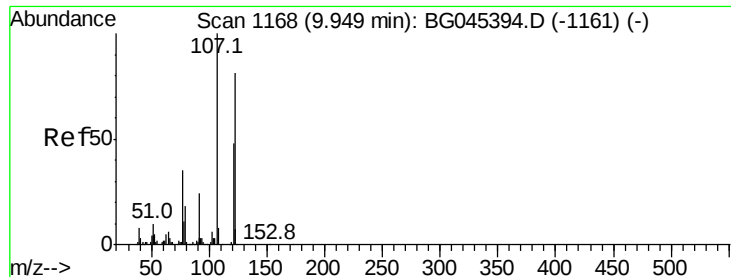
109 38.7 32.2 48.4

65 51.9 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

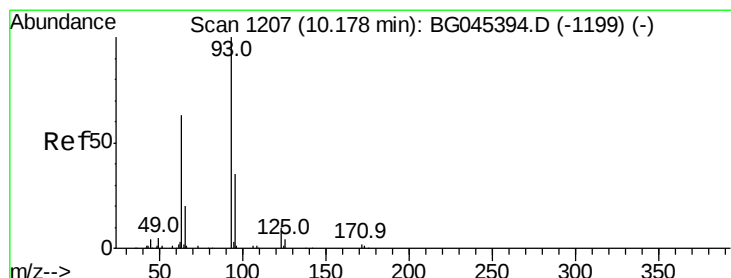
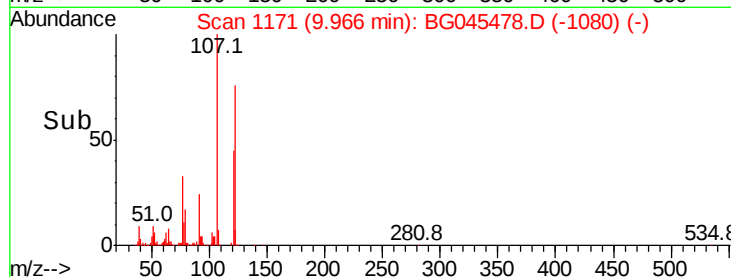
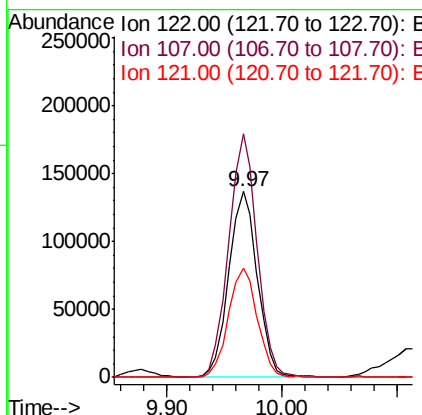
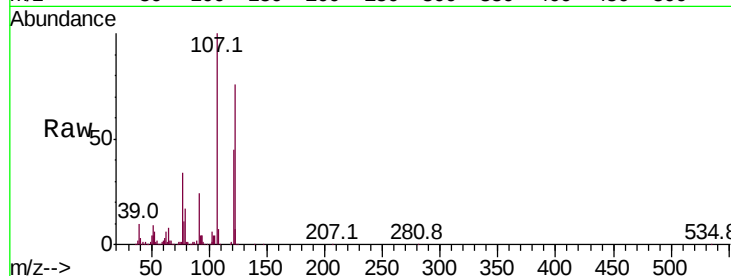




#27
 2,4-Dimethylphenol
 Concen: 52.823 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

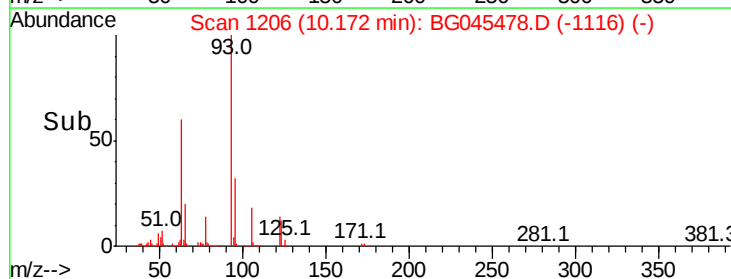
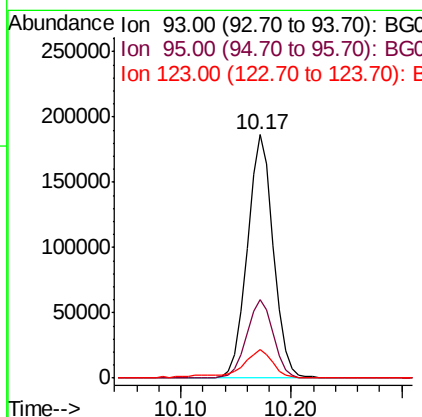
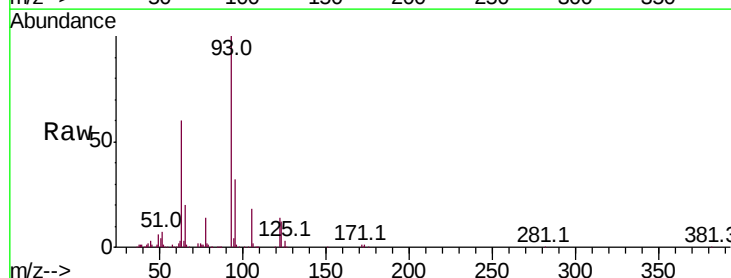
Instrument :
 BNA_G
 ClientSampleId :
 370MS

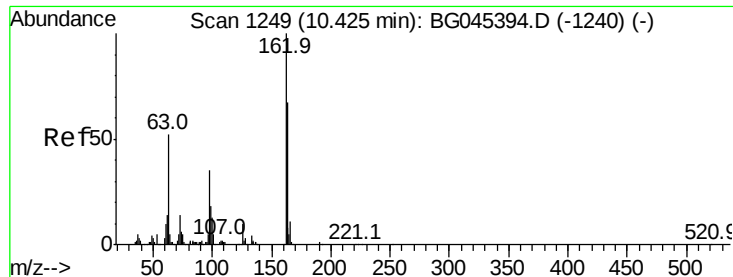
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.3	99.0	148.4
121	59.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.520 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.6	41.4
123	11.9	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 50.155 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

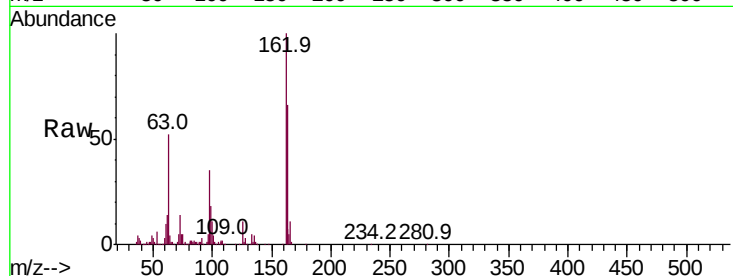
Tot Ion:162 Resp: 263058

Ion Ratio Lower Upper

162 100

164 66.2 46.8 86.8

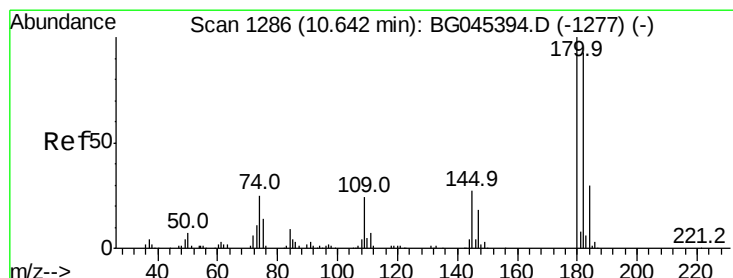
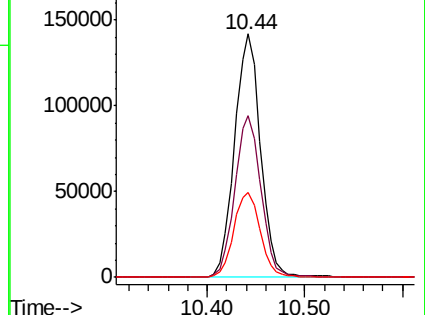
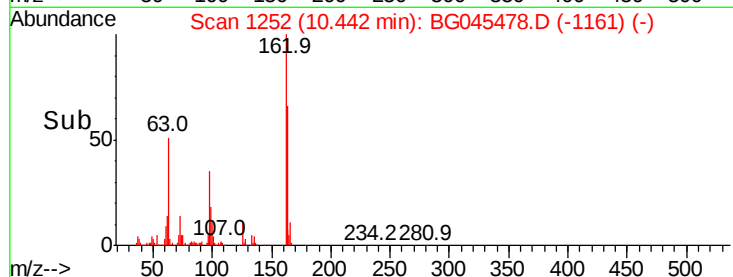
98 34.7 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 45.910 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

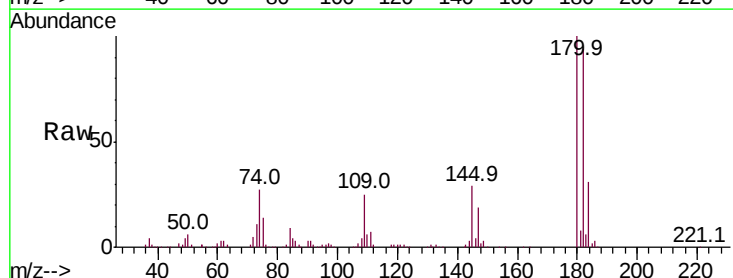
Tgt Ion:180 Resp: 284531

Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

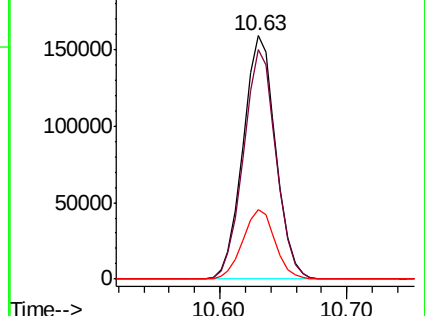
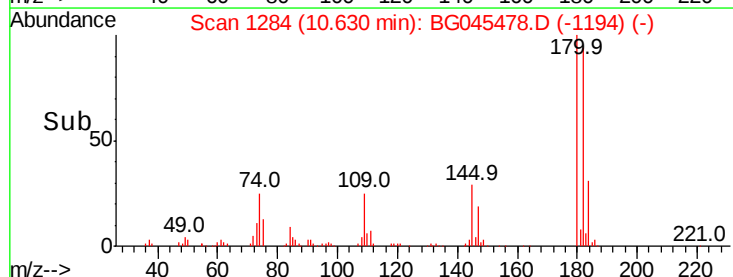
145 28.6 21.9 32.9

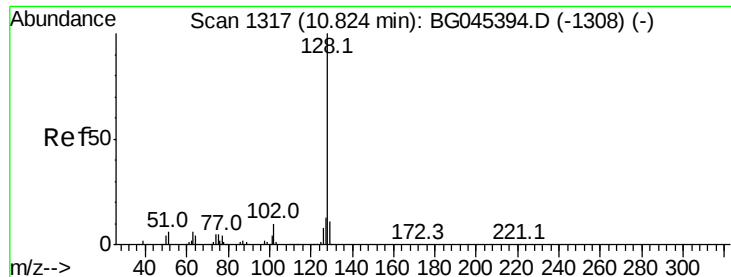


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

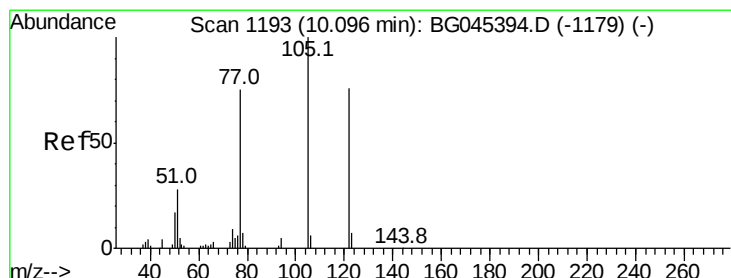
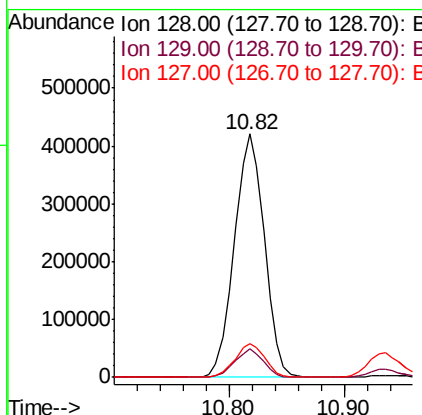
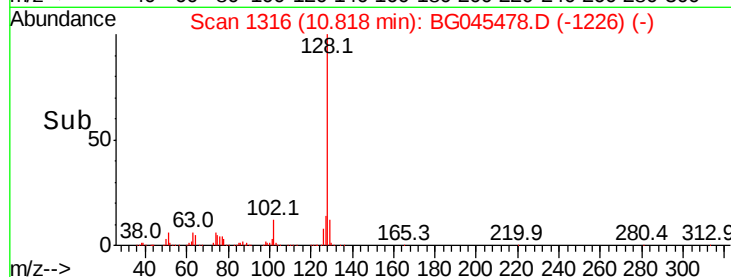
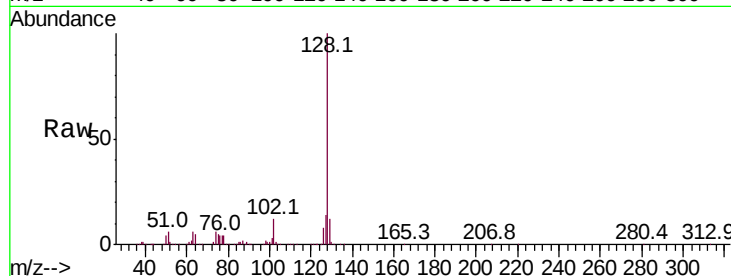




#31
Naphthalene
Concen: 45.581 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

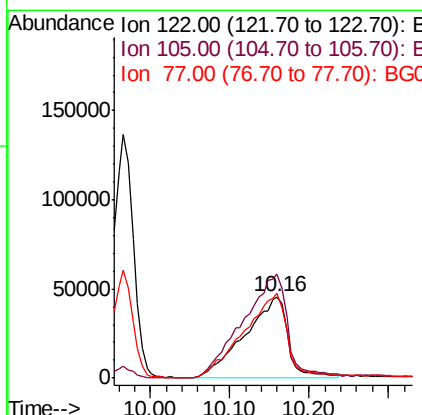
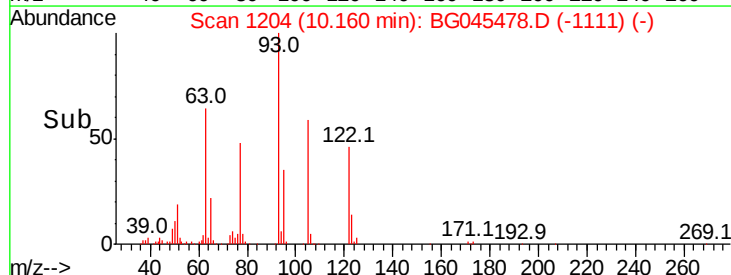
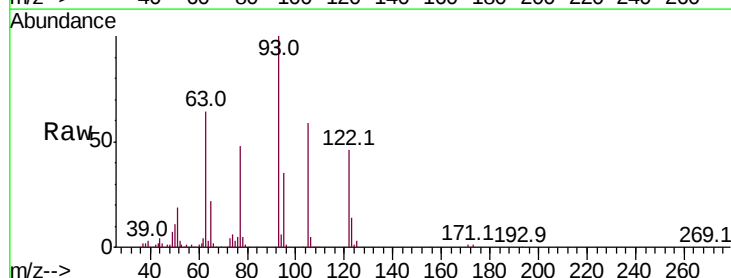
Instrument :
BNA_G
ClientSampleId :
370MS

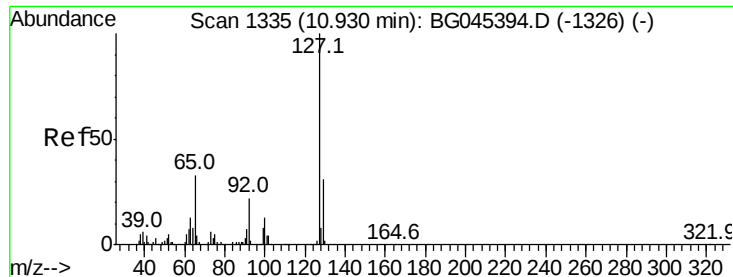
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.7	16.1



#32
Benzoic acid
Concen: 54.904 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	107.9	147.9
77	105.0	78.9	118.9

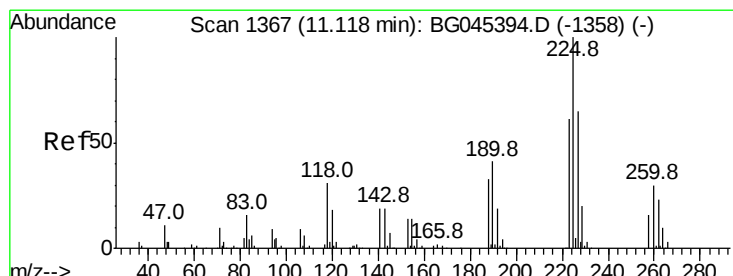
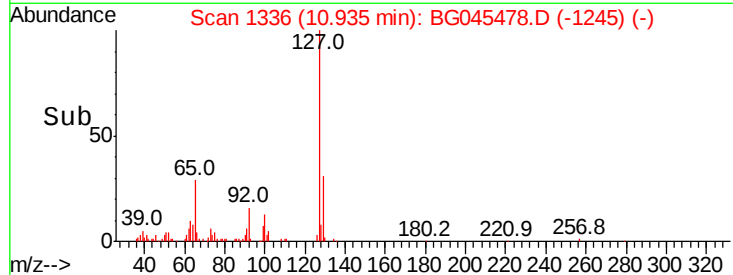
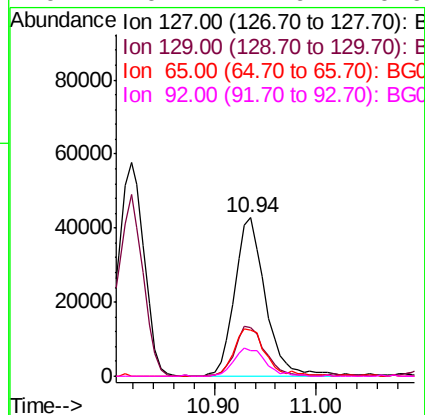
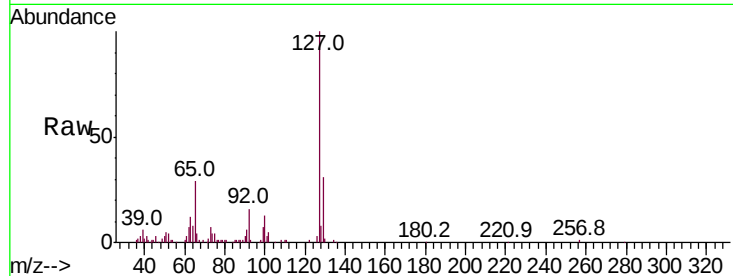




#33
4-Chloroaniline
Concen: 13.047 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

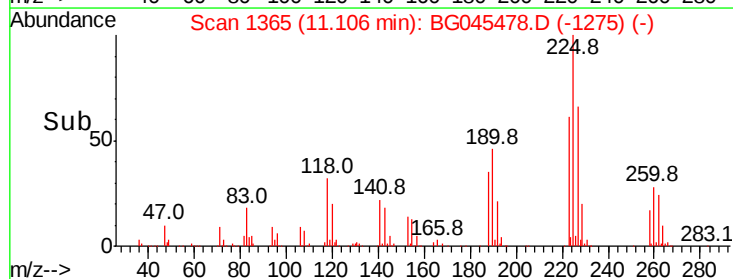
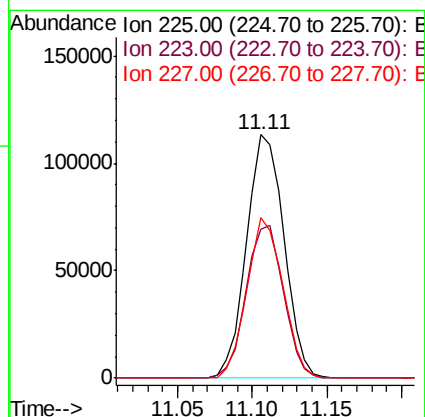
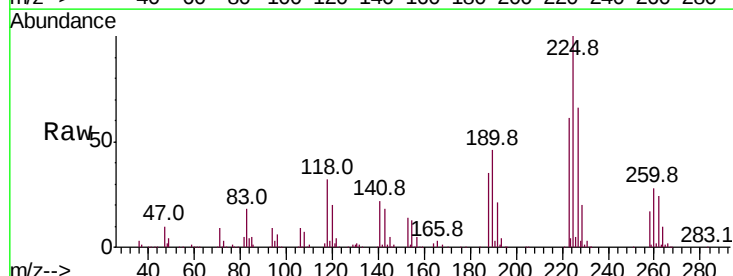
Instrument :
BNA_G
ClientSampleId :
370MS

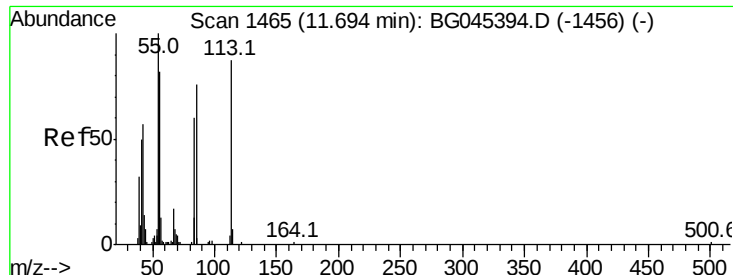
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.7	37.1
65	29.2	26.2	39.2
92	16.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 44.970 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	66.1	52.0	78.0





#35

Caprolactam

Concen: 25.656 ng

RT: 11.70 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

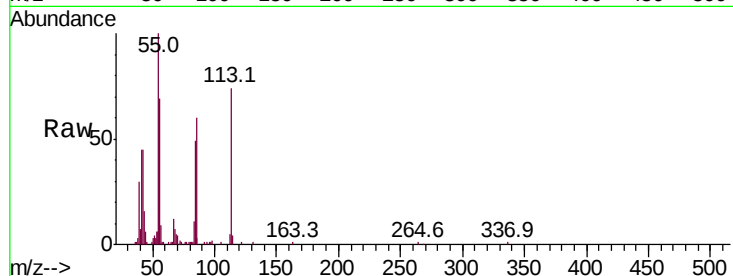
Tot Ion:113 Resp: 49392

Ion Ratio Lower Upper

113 100

55 134.6 96.0 136.0

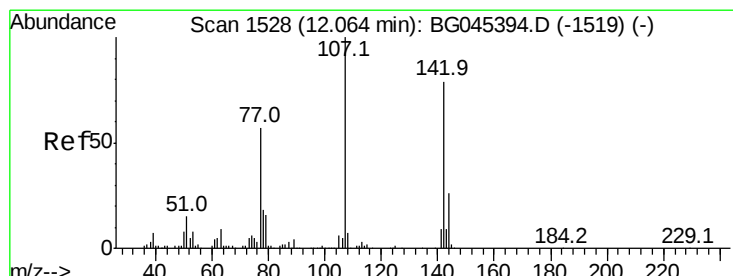
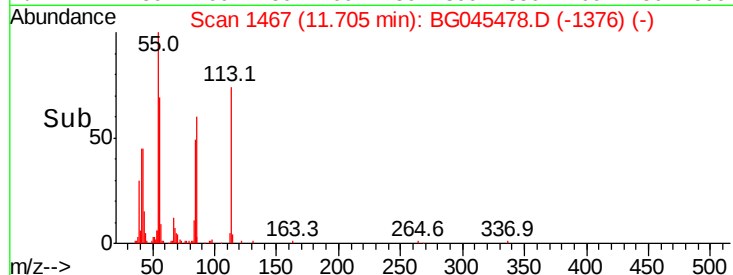
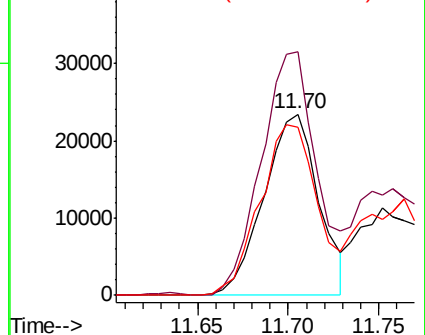
56 92.8 75.1 115.1



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: 48.569 ng

RT: 12.09 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

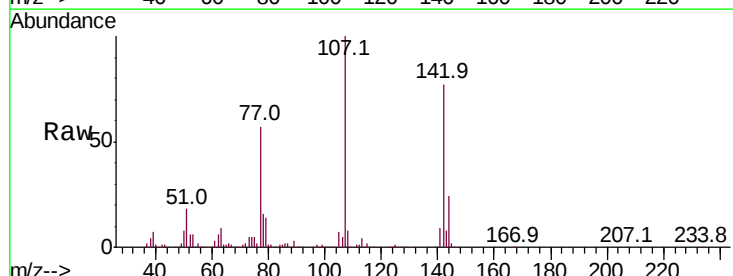
Tgt Ion:107 Resp: 287049

Ion Ratio Lower Upper

107 100

144 23.8 20.8 31.2

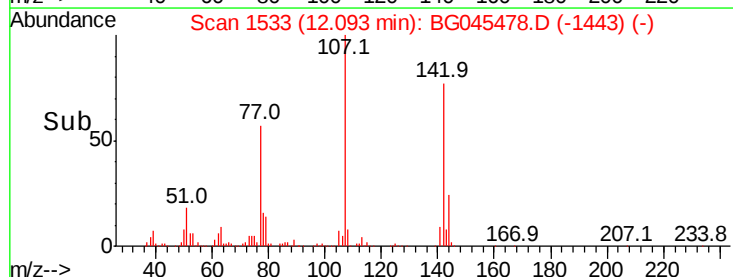
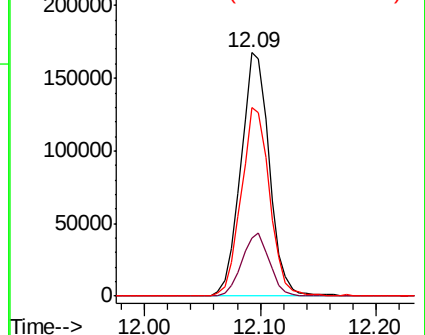
142 77.4 62.8 94.2

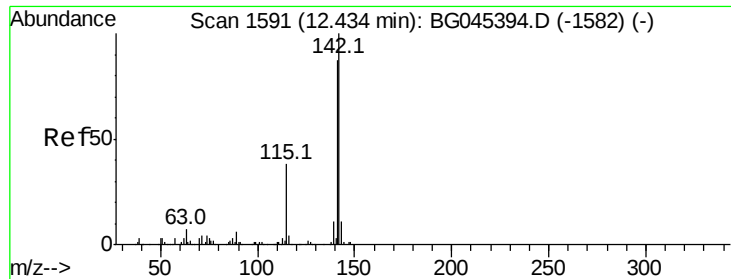


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

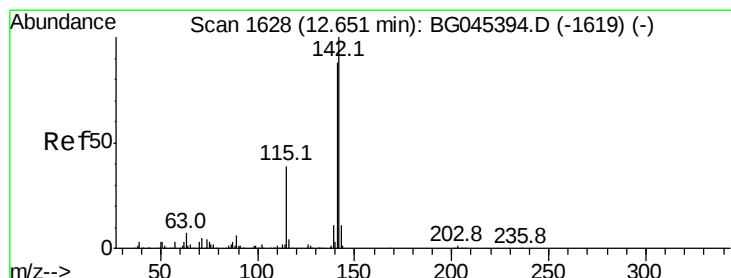
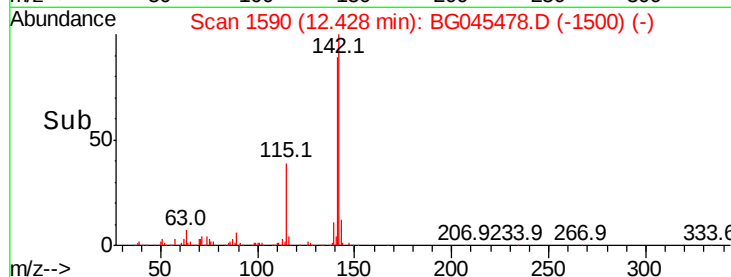
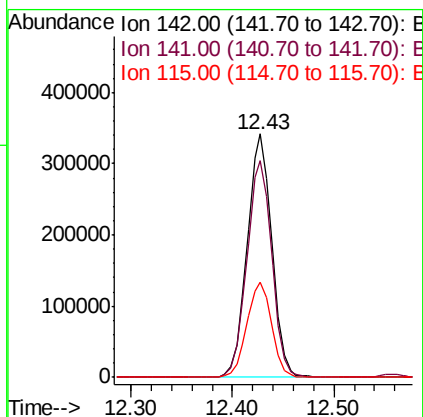
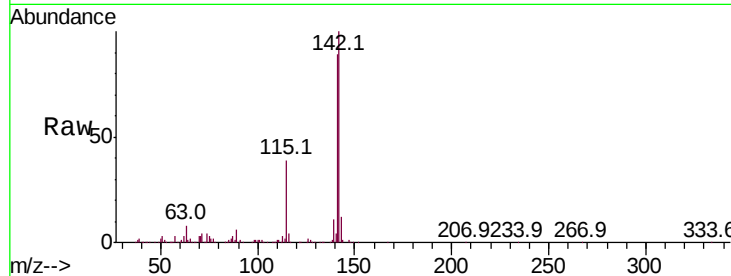




#37
2-Methylnaphthalene
Concen: 46.330 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

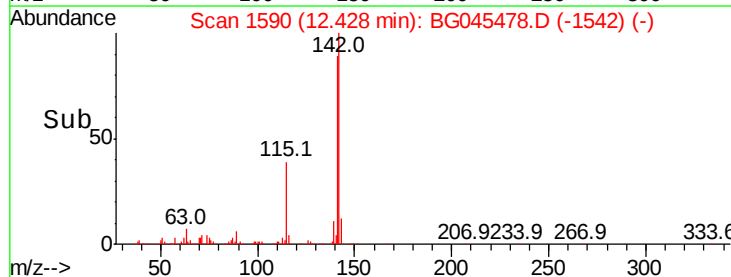
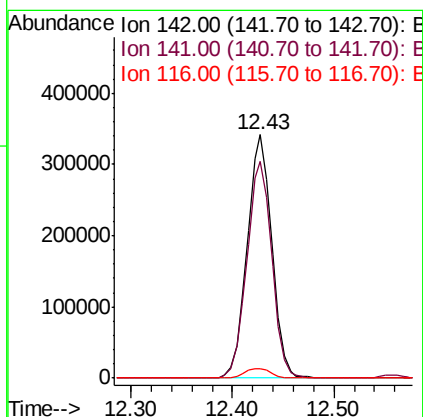
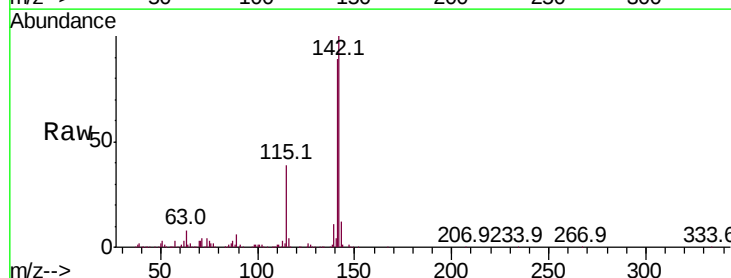
Instrument :
BNA_G
ClientSampleId :
370MS

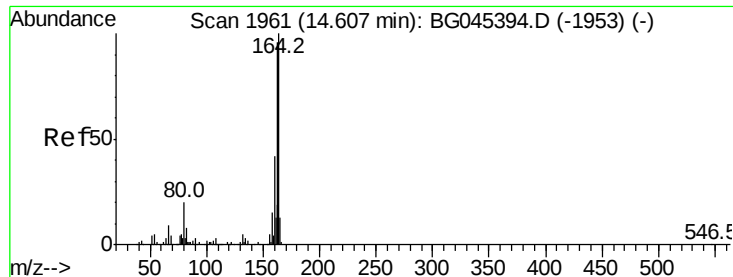
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	39.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 49.046 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.22 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

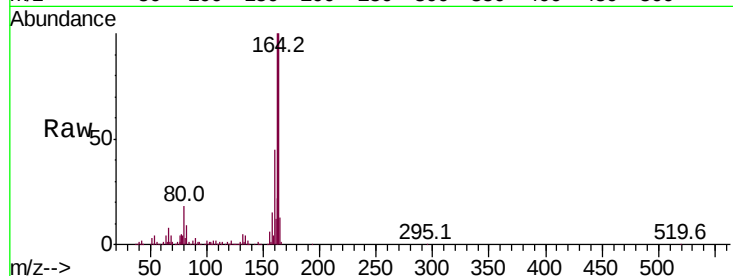
Tot Ion:164 Resp: 259267

Ion Ratio Lower Upper

164 100

162 99.9 76.9 115.3

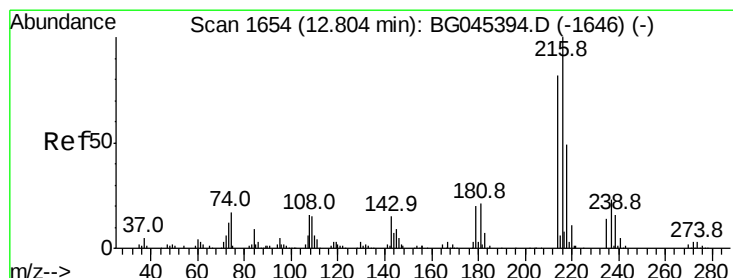
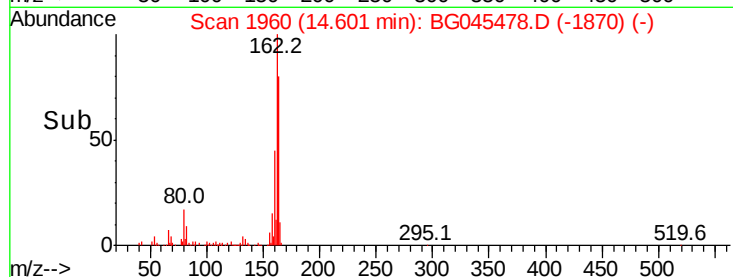
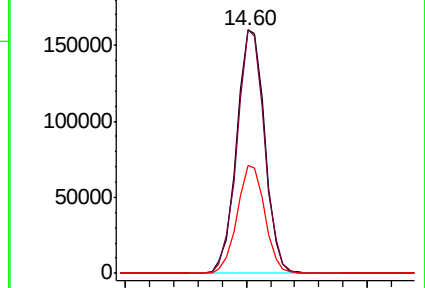
160 44.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.816 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:216 Resp: 339030

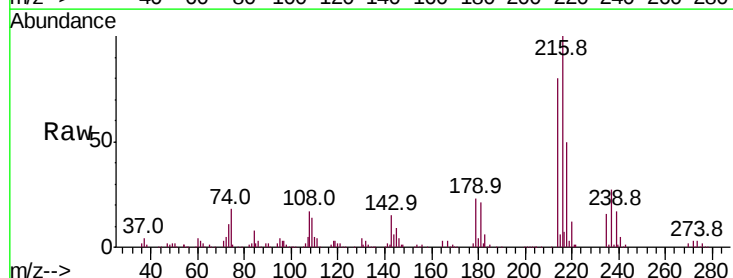
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 20.4 16.1 24.1

108 18.0 13.8 20.6

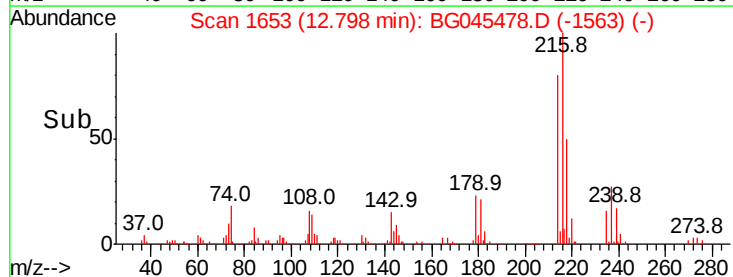
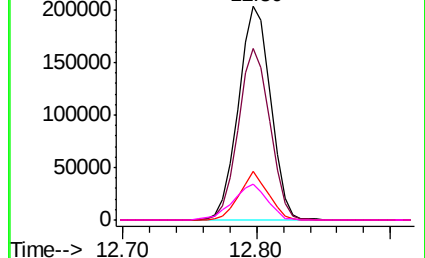


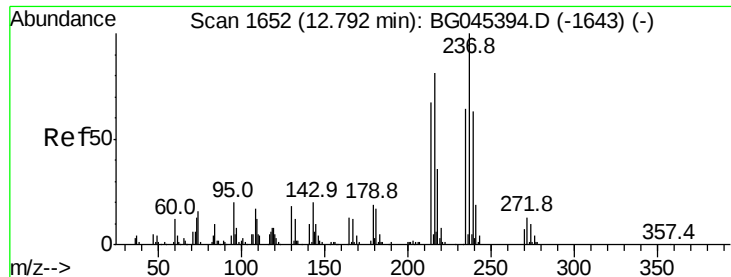
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

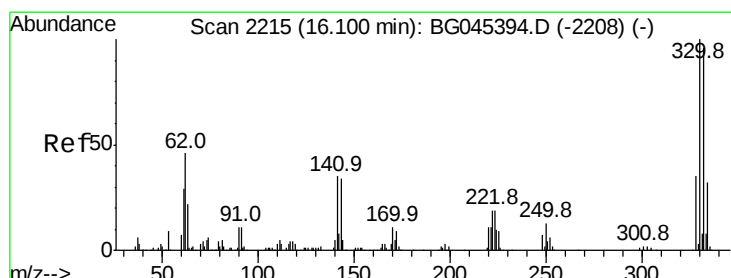
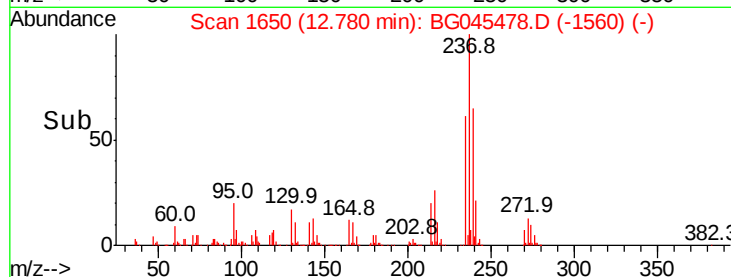
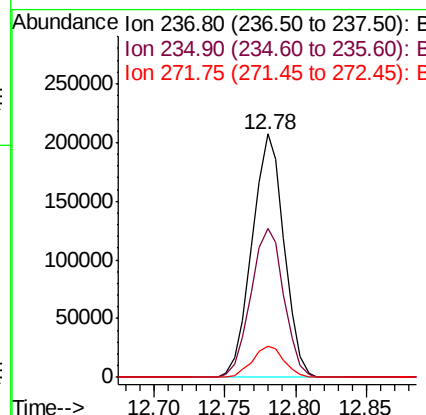
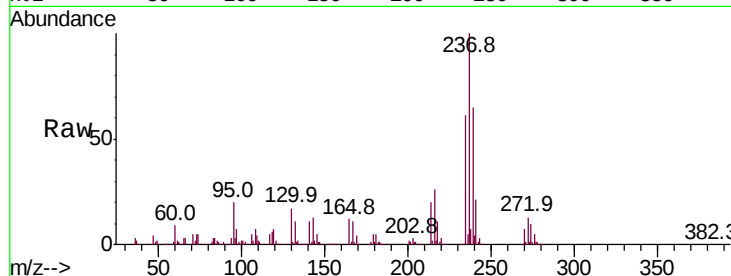




#41
Hexachlorocyclopentadiene
Concen: 78.883 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

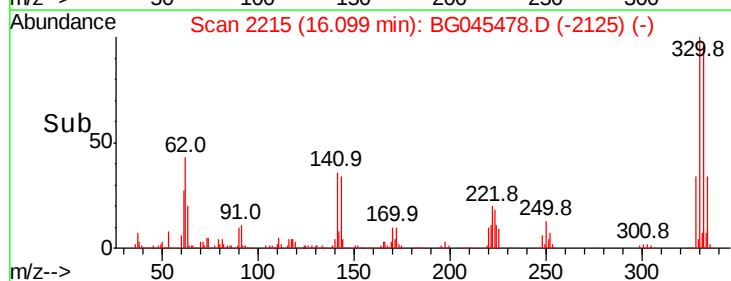
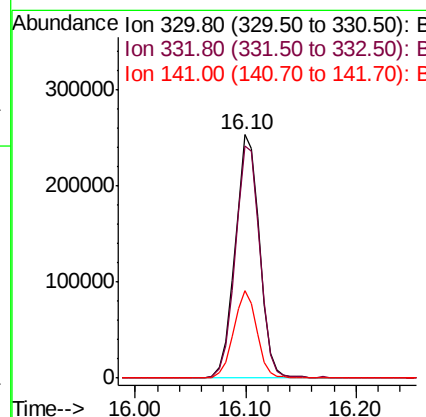
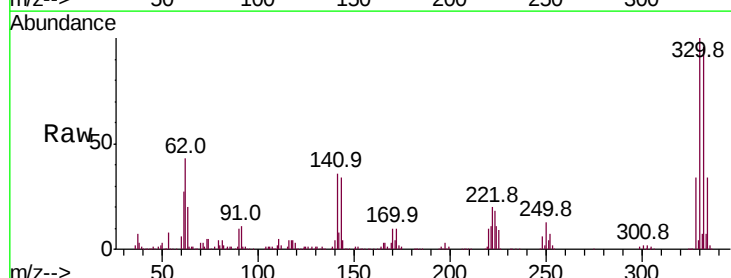
Instrument :
BNA_G
ClientSampleId :
370MS

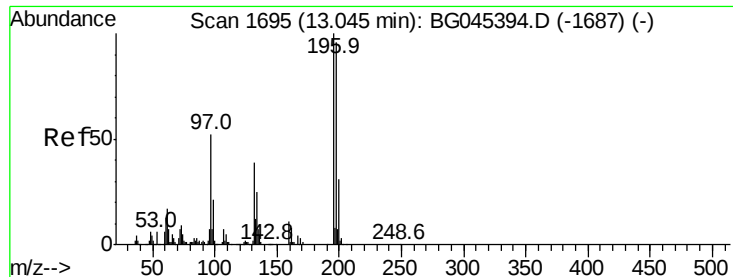
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.4	84.4
272	12.7	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 118.101 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	34.4	28.2	42.4

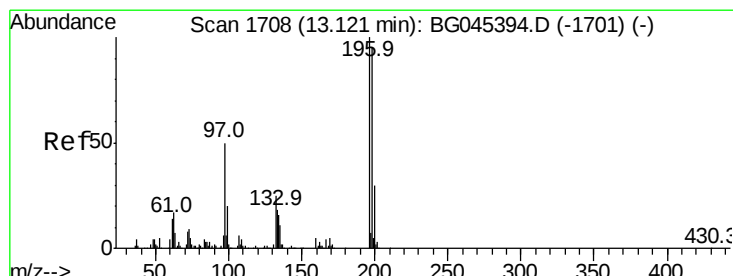
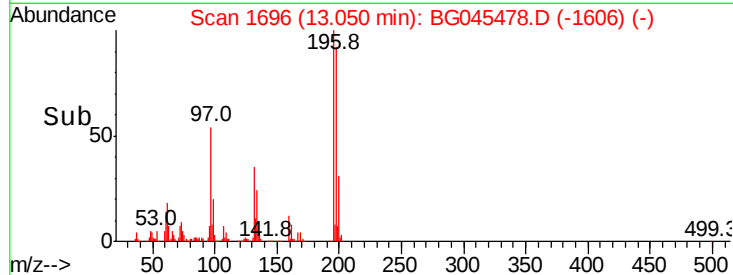
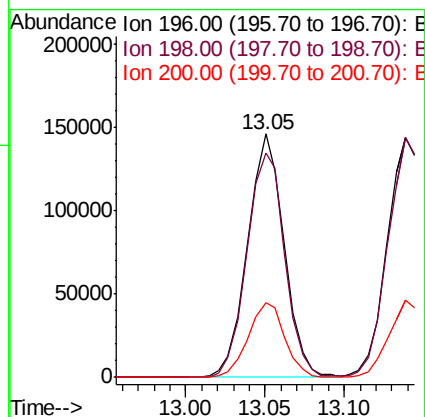
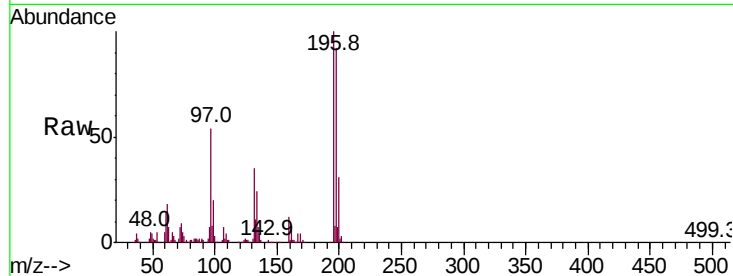




#43
 2,4,6-Trichlorophenol
 Concen: 46.465 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

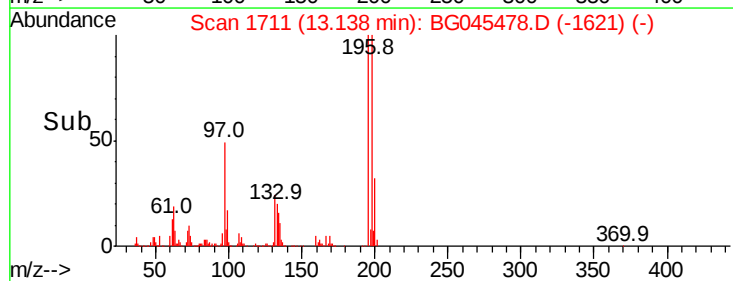
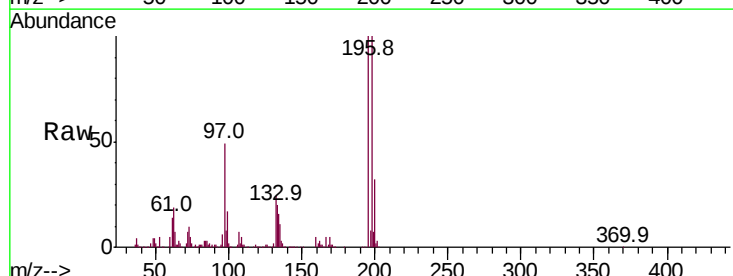
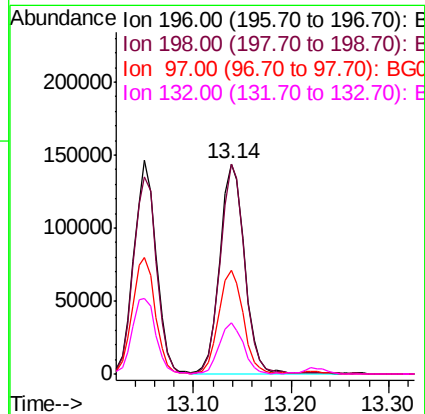
Instrument :
 BNA_G
 ClientSampleId :
 370MS

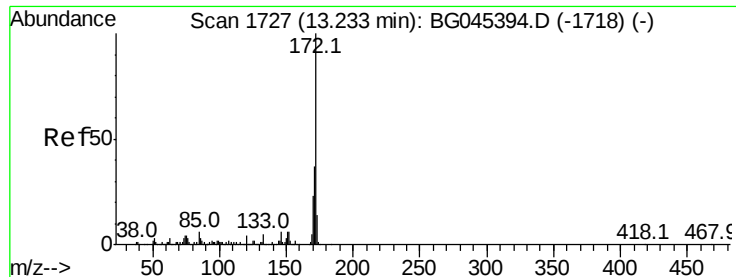
Tot Ion:196 Resp: 233745
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.7 115.1
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.916 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion:196 Resp: 252458
 Ion Ratio Lower Upper
 196 100
 198 99.8 76.1 114.1
 97 49.1 40.0 60.0
 132 24.2 20.2 30.2

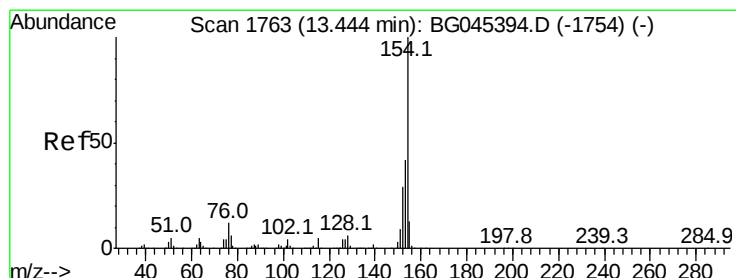
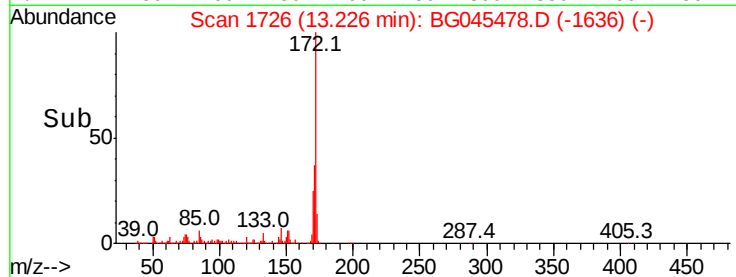
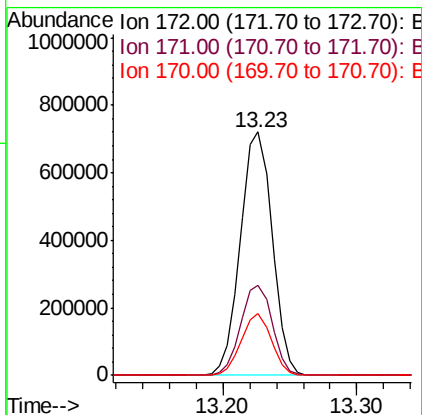
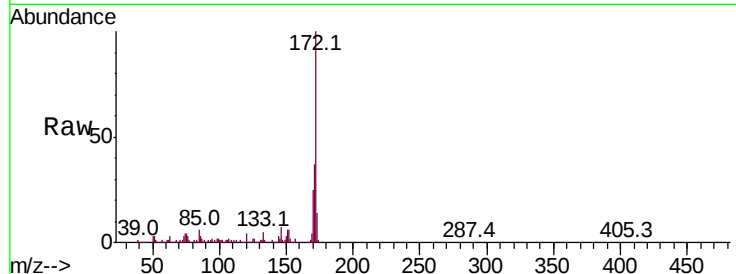




#45
2-Fluorobiphenyl
Concen: 77.900 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

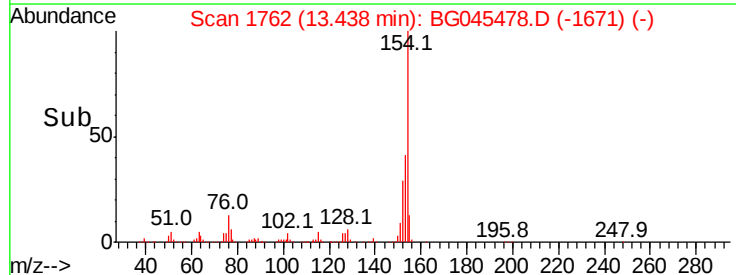
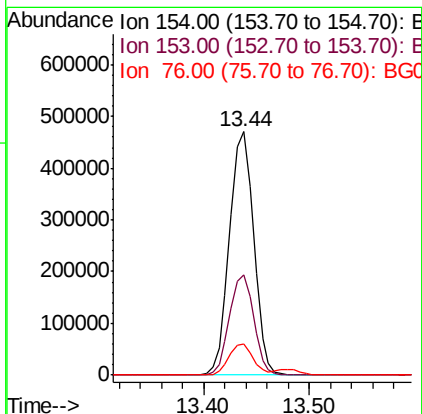
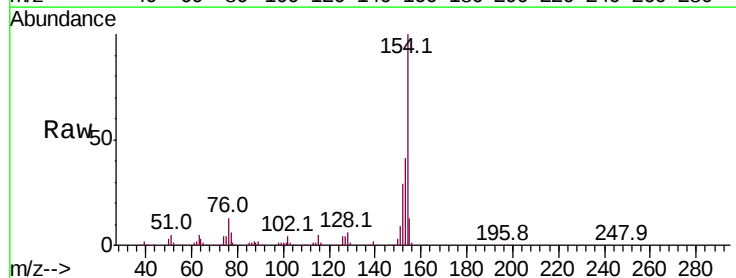
Instrument :
BNA_G
ClientSampleId :
370MS

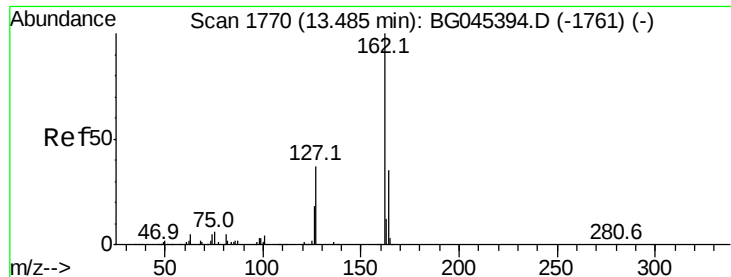
Tot Ion:172 Resp: 1190715
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.757 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:154 Resp: 744873
Ion Ratio Lower Upper
154 100
153 41.1 22.2 62.2
76 12.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 44.079 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

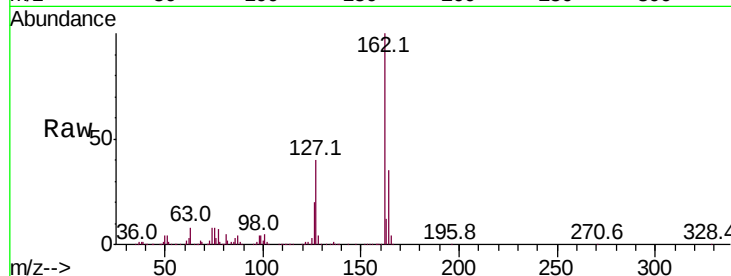
Tot Ion:162 Resp: 570225

Ion Ratio Lower Upper

162 100

127 40.2 31.6 47.4

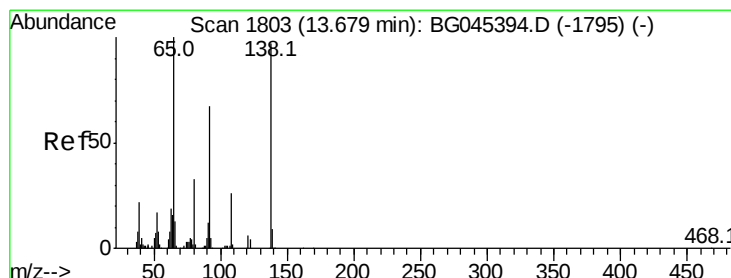
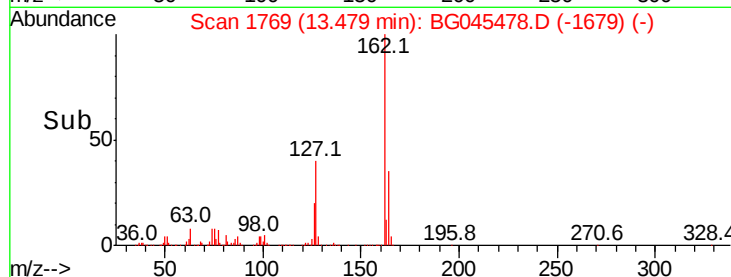
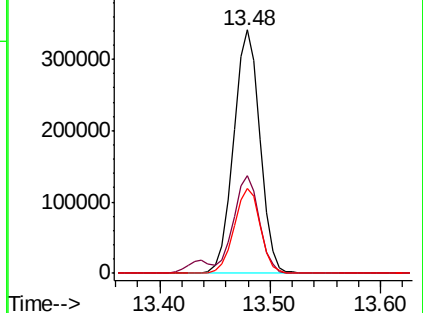
164 35.1 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.256 ng

RT: 13.68 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

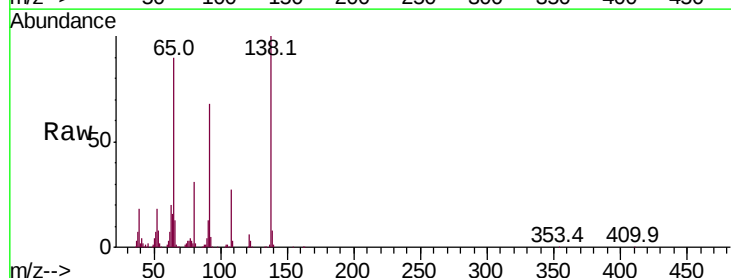
Tgt Ion: 65 Resp: 179814

Ion Ratio Lower Upper

65 100

92 75.2 53.8 80.8

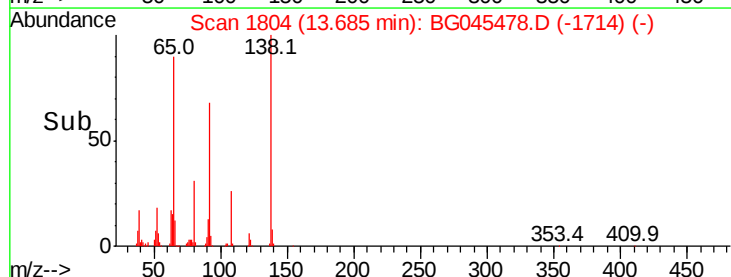
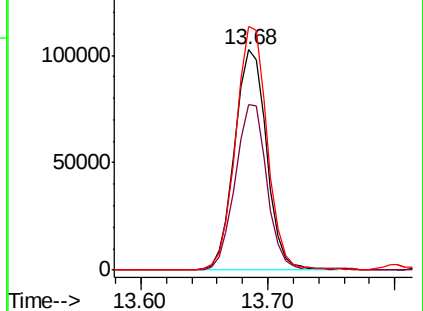
138 110.6 77.9 116.9

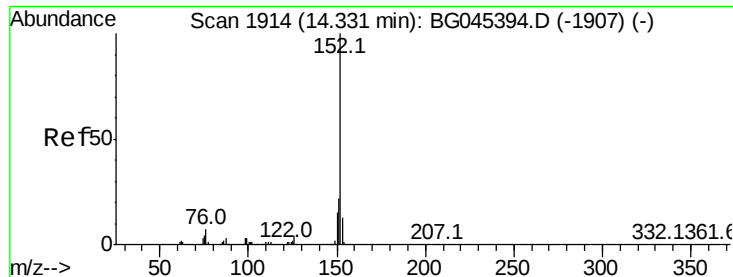


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.511 ng

RT: 14.32 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

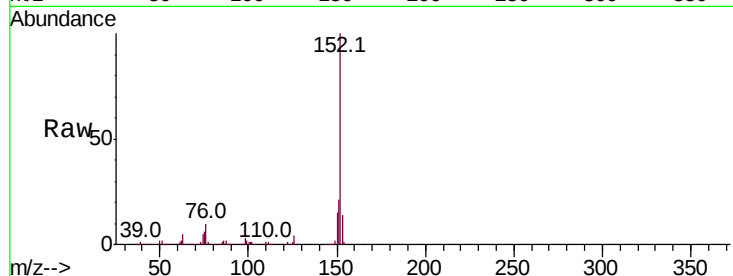
Tot Ion:152 Resp: 945688

Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.2

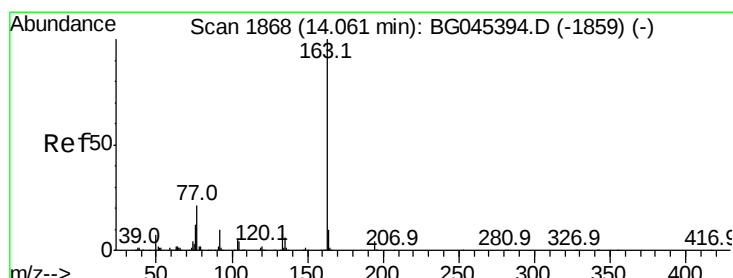
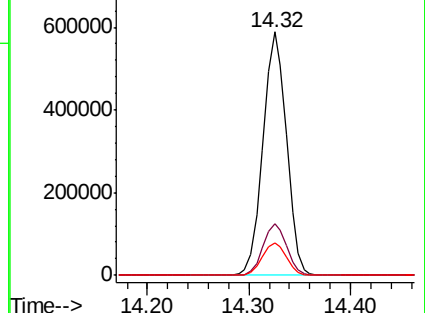
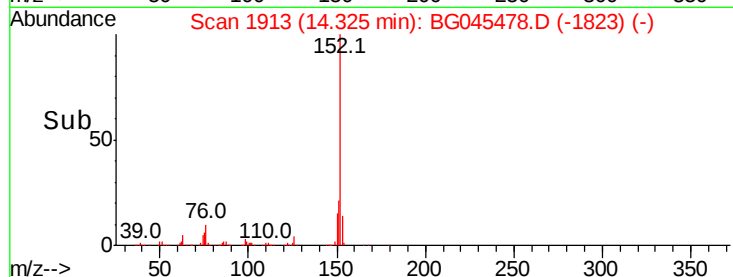
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.420 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

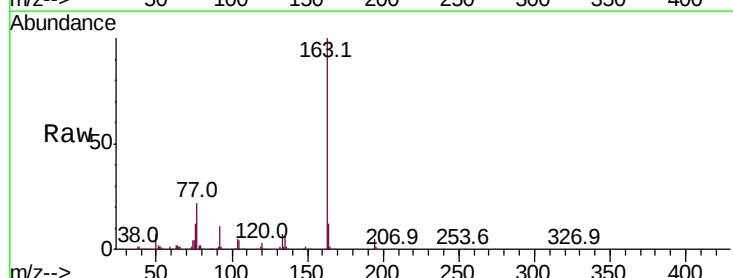
Tgt Ion:163 Resp: 878965

Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8

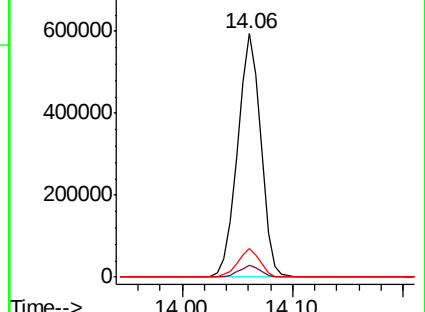
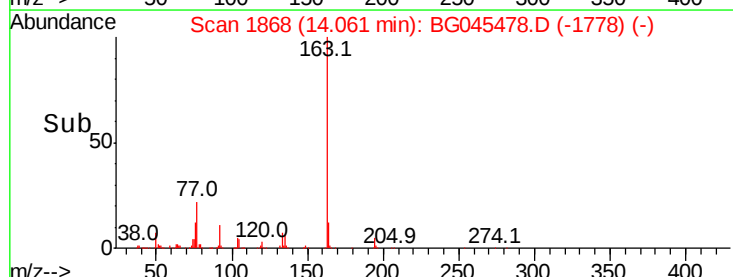
164 11.8 8.3 12.5

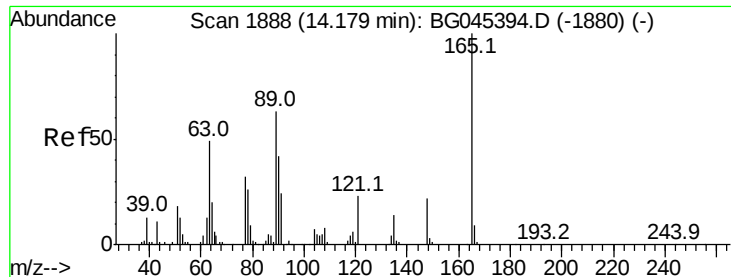


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

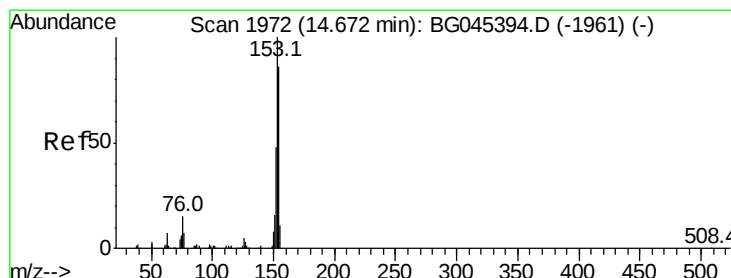
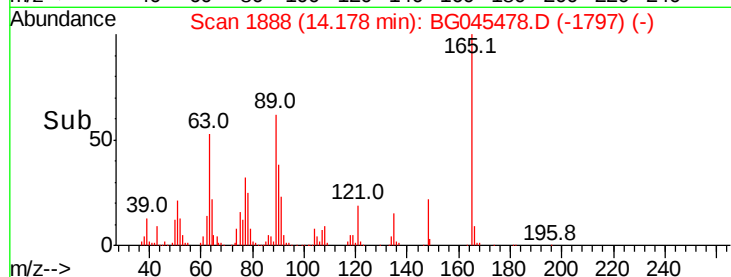
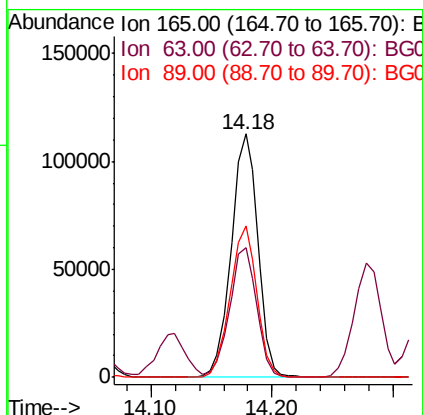
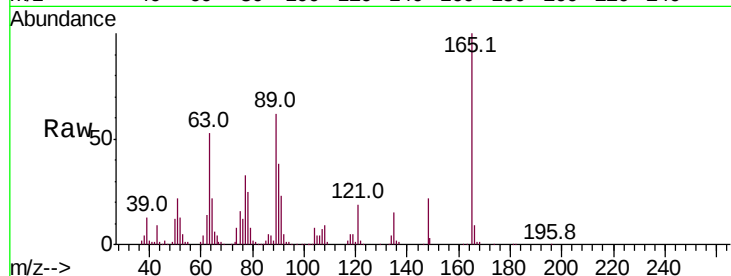




#51
 2,6-Dinitrotoluene
 Concen: 43.037 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

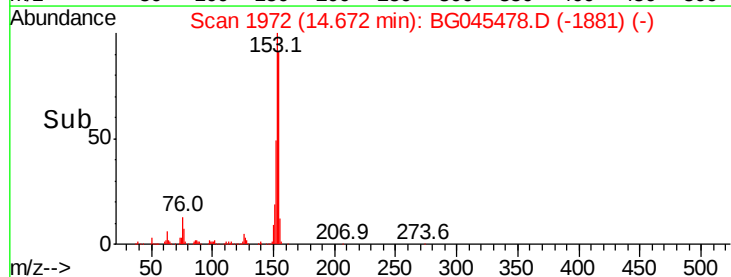
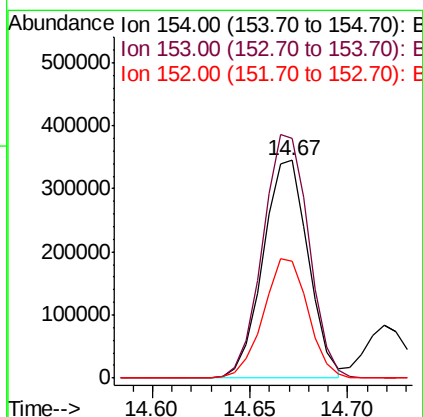
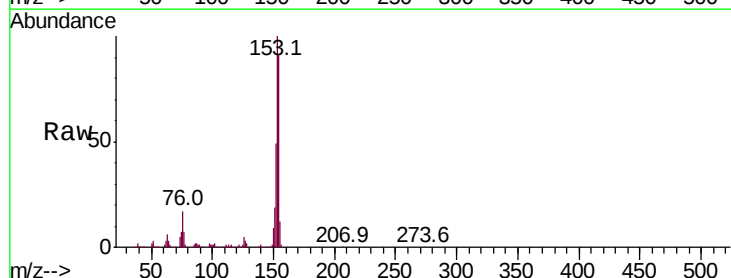
Instrument :
 BNA_G
 ClientSampleId :
 370MS

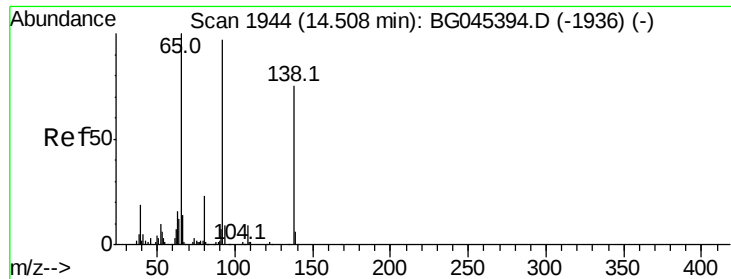
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	45.0	67.4
89	62.2	50.2	75.4



#52
 Acenaphthene
 Concen: 39.836 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	92.8	139.2
152	53.5	44.6	66.8





#53

3-Nitroaniline

Concen: 22.598 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

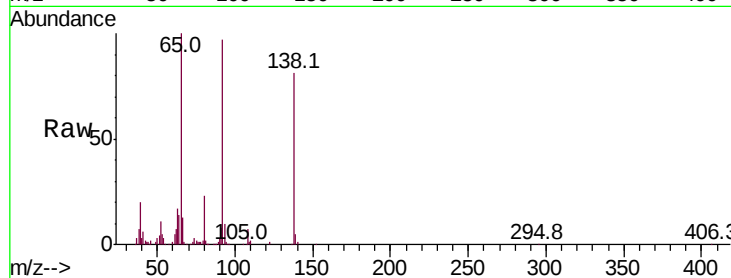
Tot Ion:138 Resp: 92192

Ion Ratio Lower Upper

138 100

108 9.1 9.8 14.6#

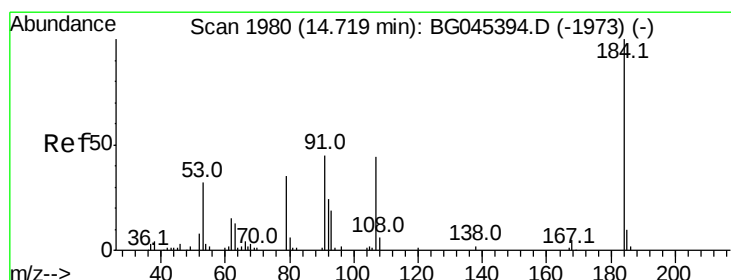
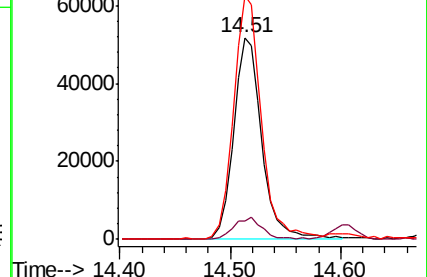
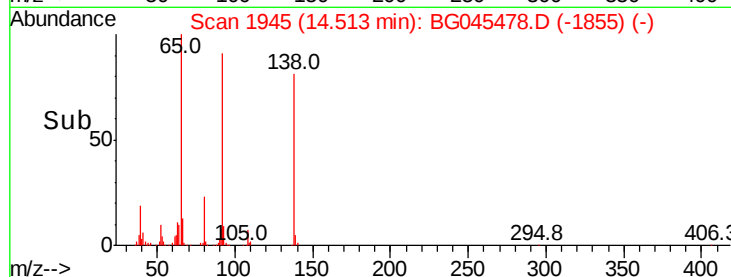
92 120.6 103.0 154.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 74.939 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

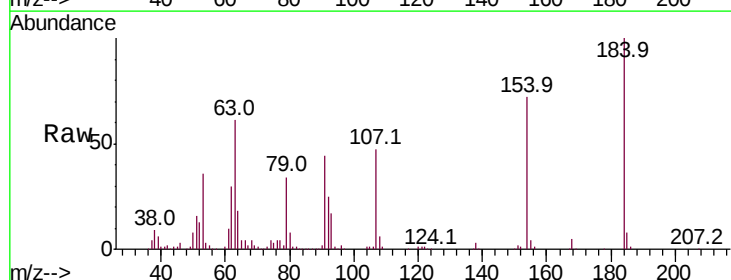
Tgt Ion:184 Resp: 196040

Ion Ratio Lower Upper

184 100

63 60.5 47.8 71.6

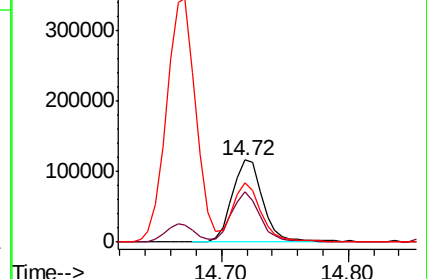
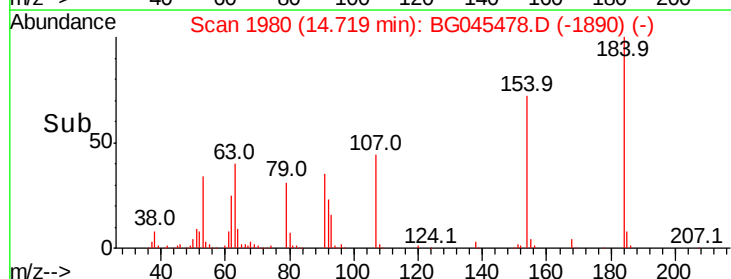
154 71.5 58.3 87.5

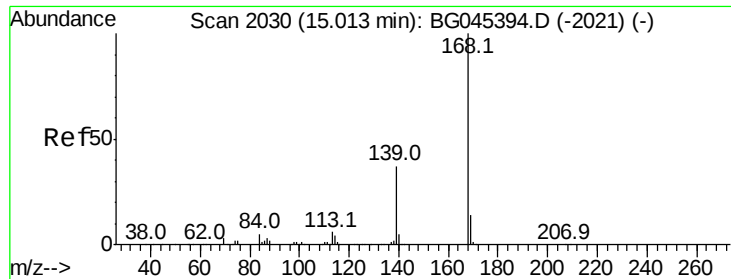


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.754 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

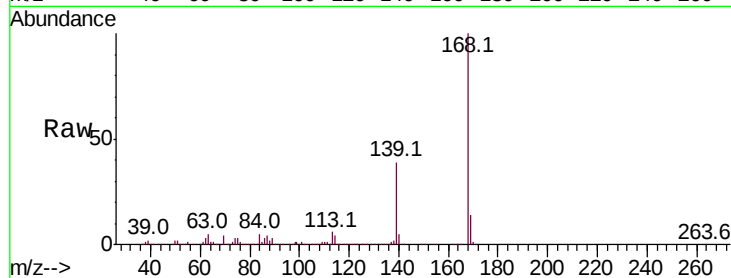
Tot Ion:168 Resp: 903746

Ion Ratio Lower Upper

168 100

139 39.2 29.9 44.9

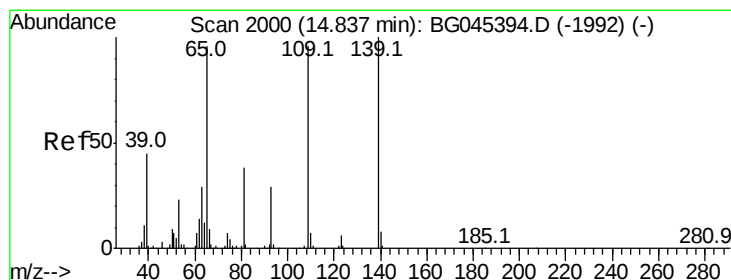
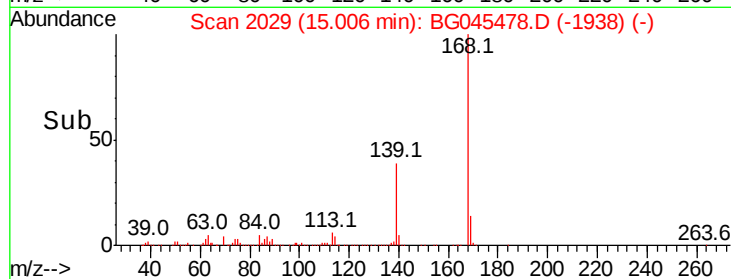
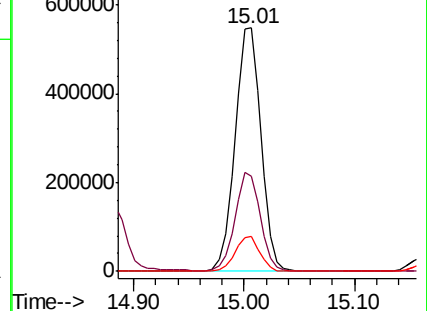
169 14.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.045 ng

RT: 14.88 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

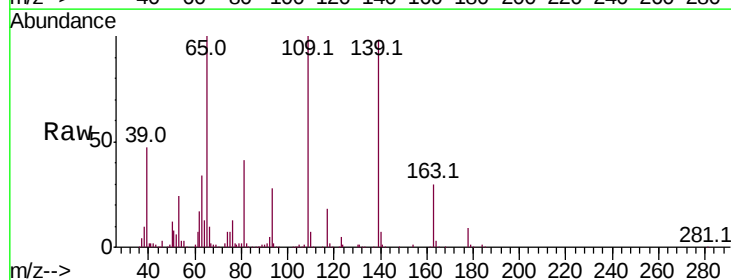
Tgt Ion:139 Resp: 275037

Ion Ratio Lower Upper

139 100

109 101.4 75.6 115.6

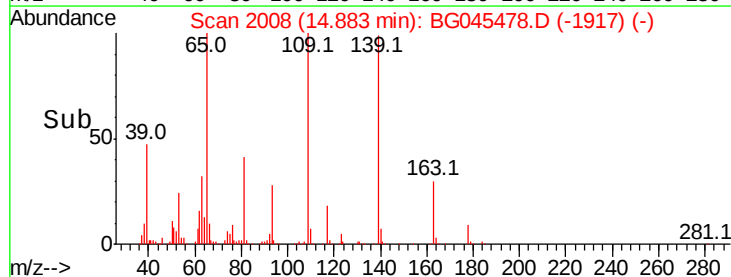
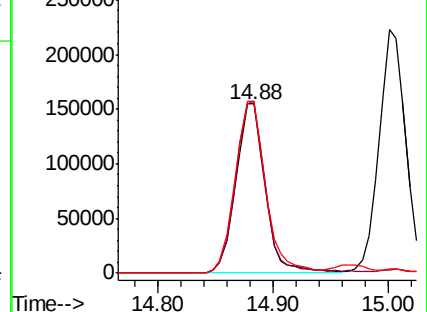
65 101.7 76.8 116.8

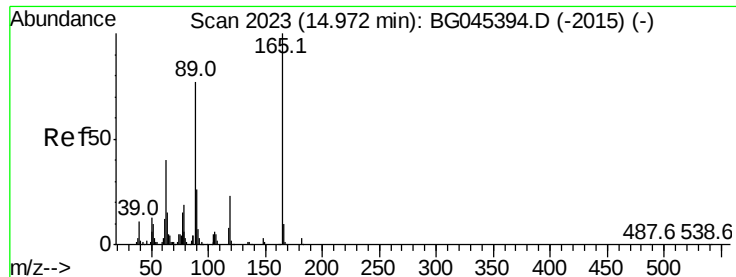


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

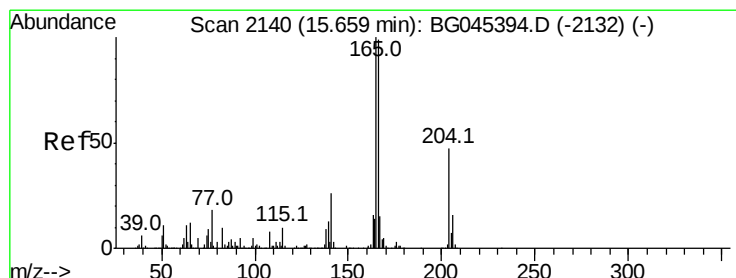
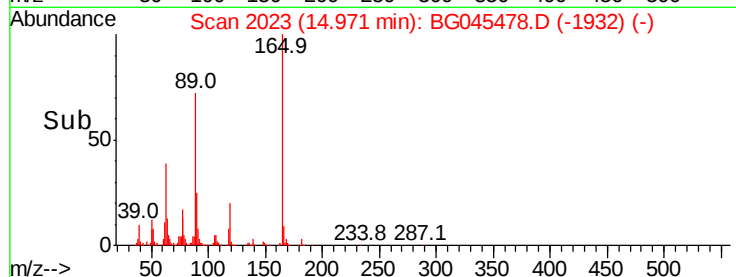
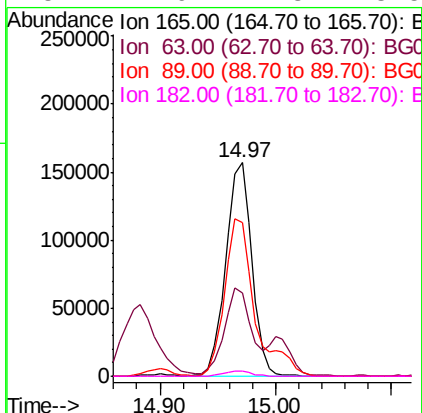
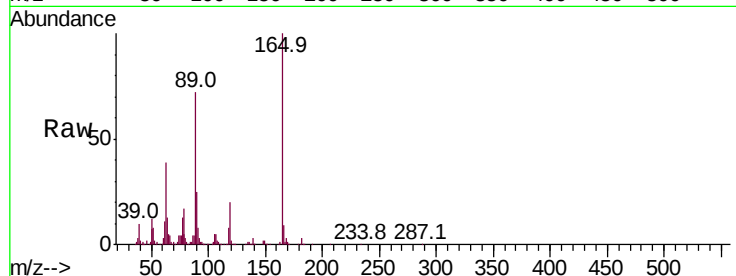




#57
2,4-Dinitrotoluene
Concen: 42.128 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

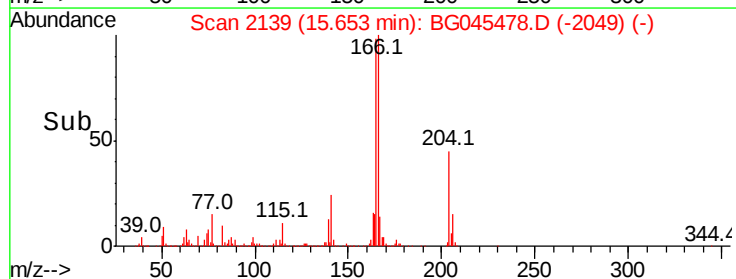
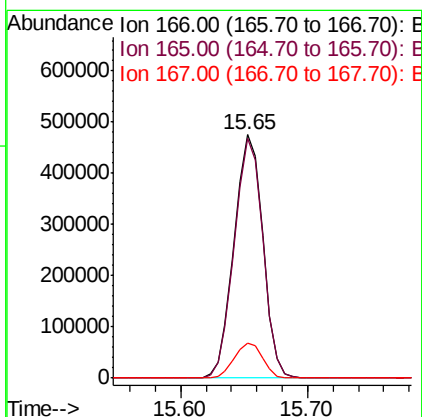
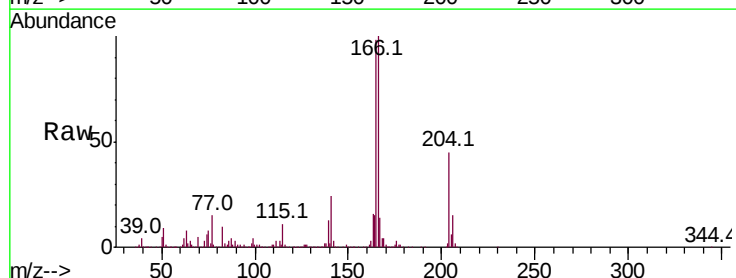
Instrument :
BNA_G
ClientSampleId :
370MS

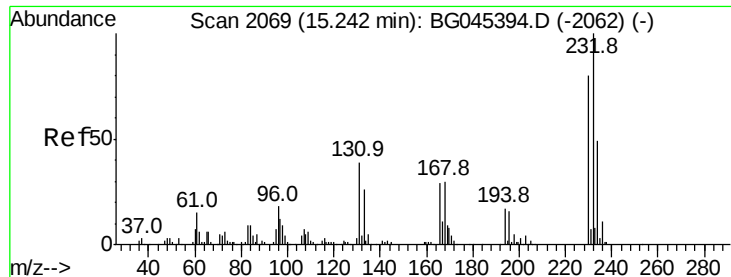
Tot Ion:	165	Resp:	244865
Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.5	48.7
89	71.8	61.8	92.6
182	2.6	2.3	3.5



#58
Fluorene
Concen: 44.093 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:	166	Resp:	748229
Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.8	121.2
167	14.2	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.192 ng

RT: 15.24 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

Tot Ion:232 Resp: 233617

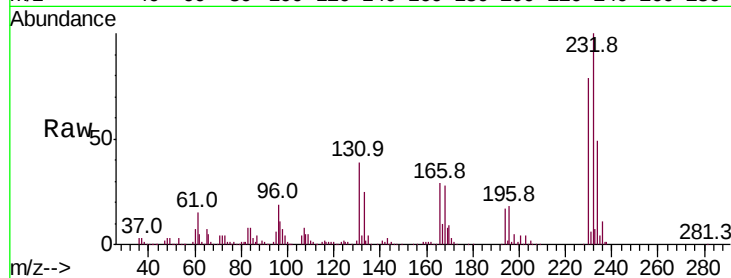
Ion Ratio Lower Upper

232 100

131 41.4 33.7 50.5

130 2.6 2.1 3.1

166 28.8 23.2 34.8

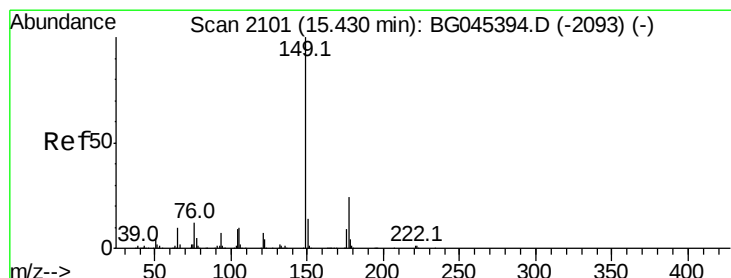
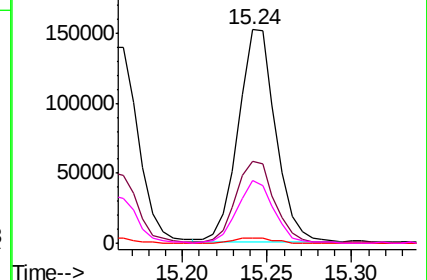
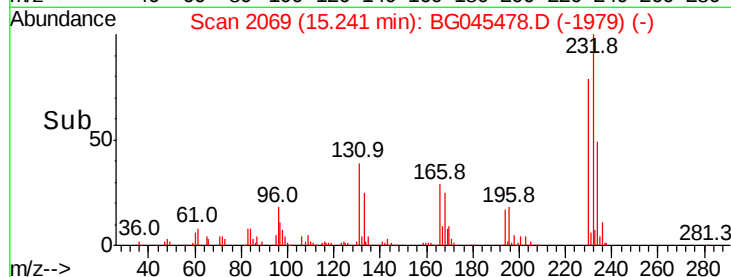


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.029 ng

RT: 15.42 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

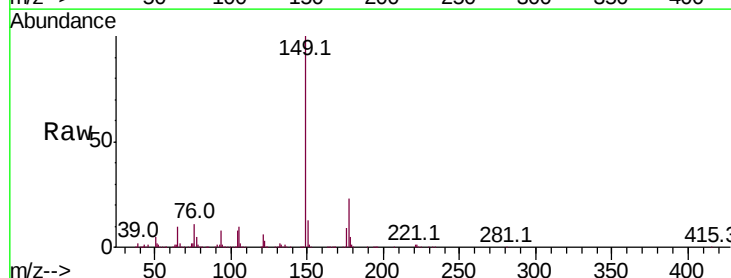
Tgt Ion:149 Resp: 778036

Ion Ratio Lower Upper

149 100

177 22.8 19.0 28.4

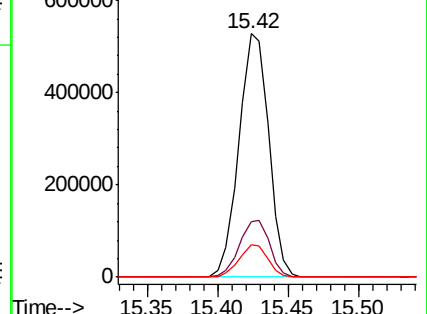
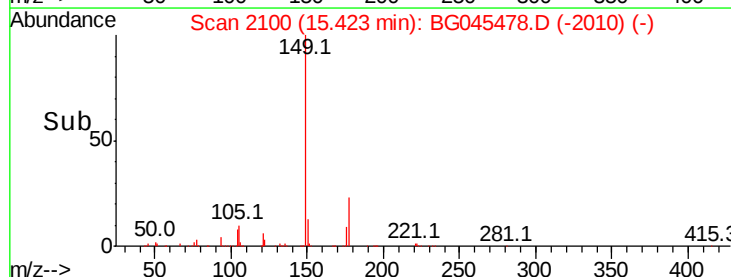
150 13.5 11.4 17.0

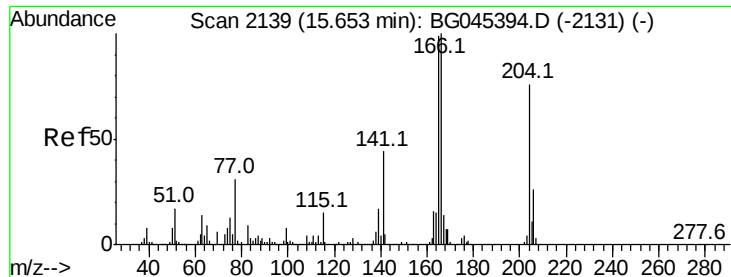


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

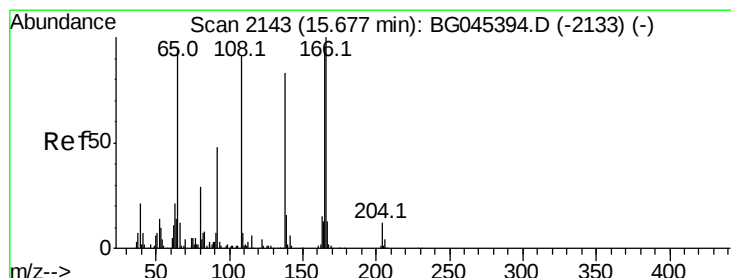
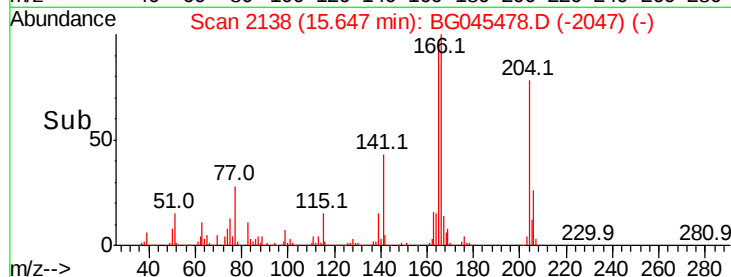
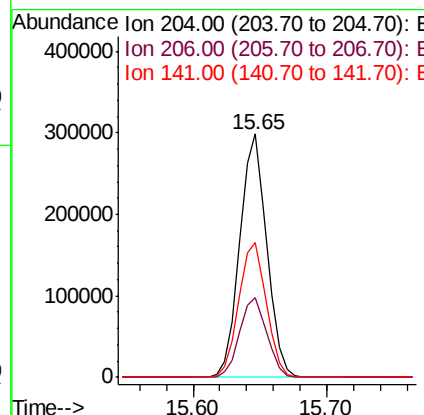
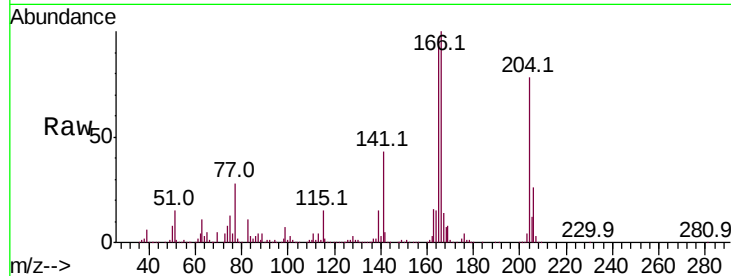




#61
4-Chlorophenyl-phenylether
Concen: 43.175 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

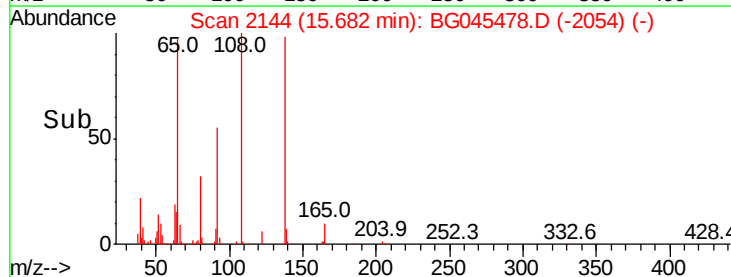
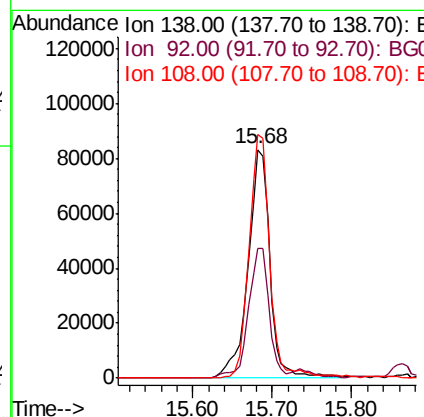
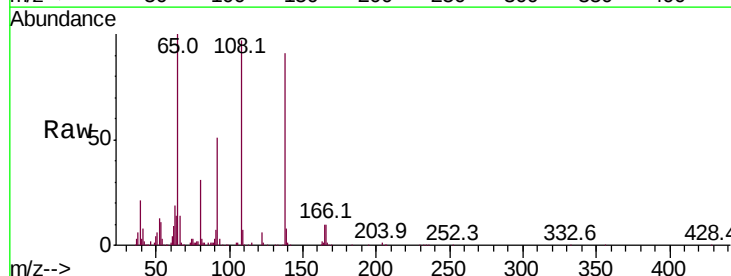
Instrument :
BNA_G
ClientSampleId :
370MS

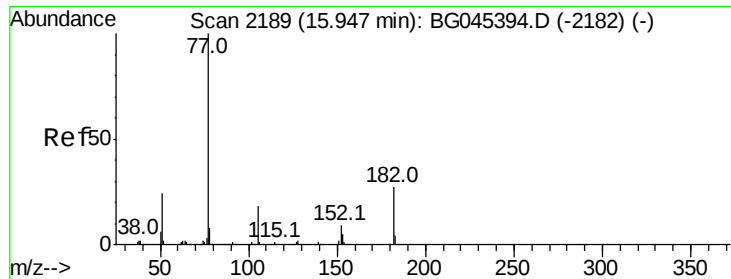
Tot Ion:204 Resp: 419254
Ion Ratio Lower Upper
204 100
206 32.7 27.3 40.9
141 55.3 45.9 68.9



#62
4-Nitroaniline
Concen: 37.512 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:138 Resp: 159766
Ion Ratio Lower Upper
138 100
92 56.7 38.0 78.0
108 106.7 89.3 129.3

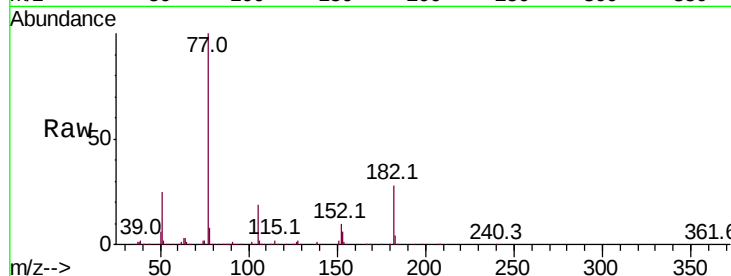




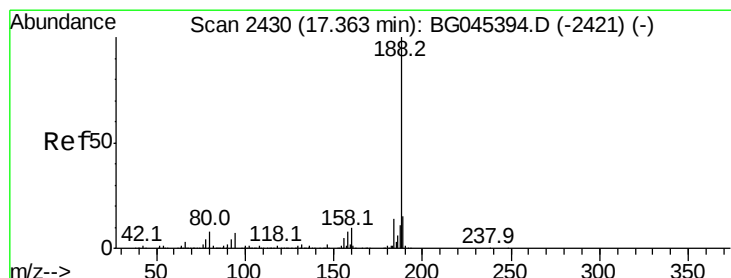
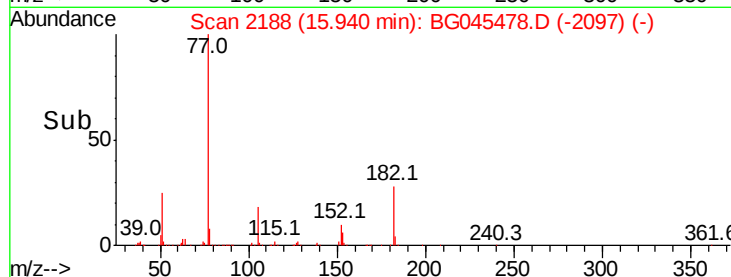
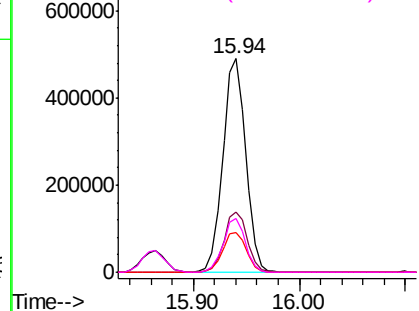
#63
Azobenzene
Concen: 42.764 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
370MS

Tot Ion:	77	Resp:	738154
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.5	46.5
105	18.9	0.0	37.9
51	25.0	4.1	44.1

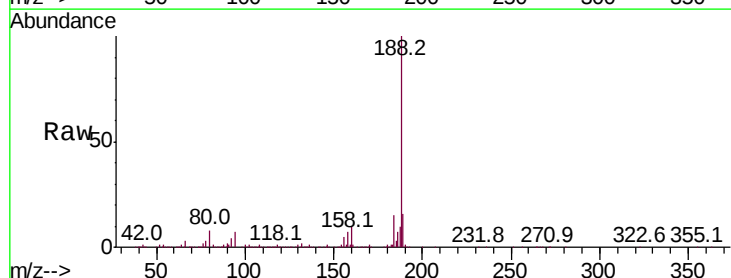


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

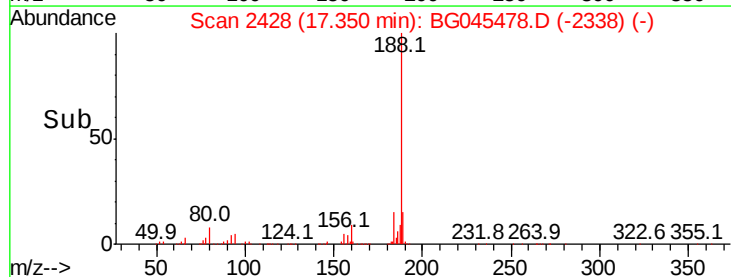
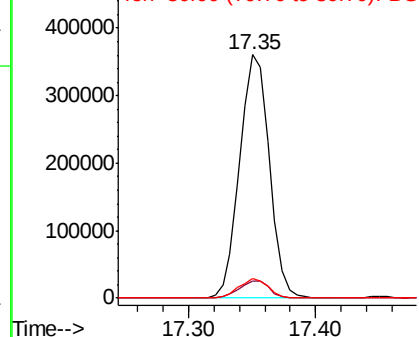


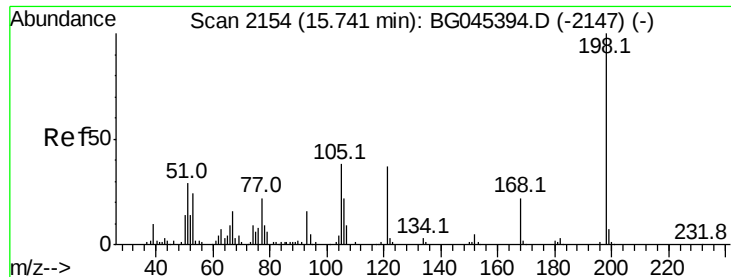
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:	188	Resp:	583424
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.2	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: 43.587 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

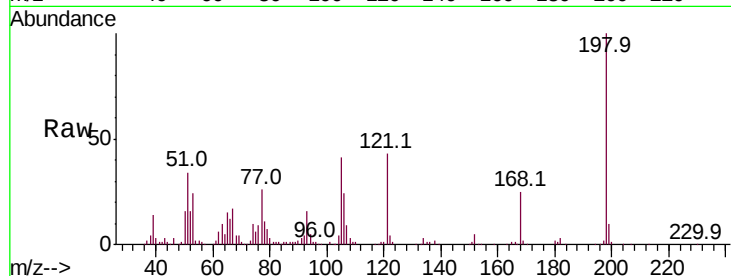
Tot Ion:198 Resp: 148102

Ion Ratio Lower Upper

198 100

51 34.0 10.0 50.0

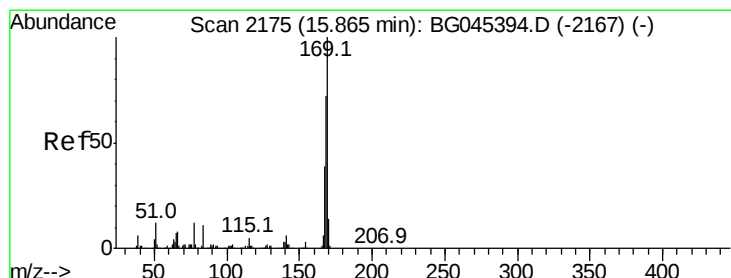
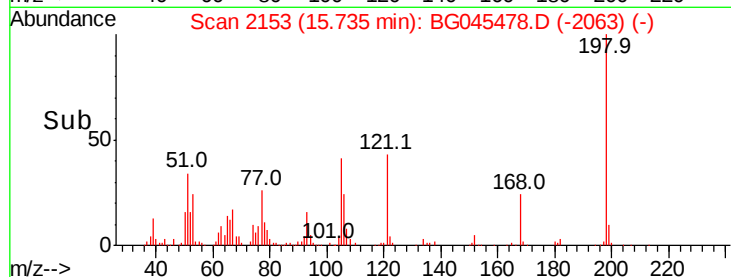
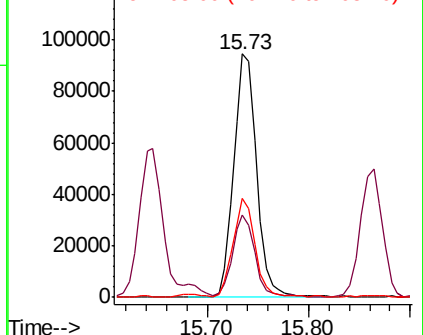
105 40.7 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.226 ng

RT: 15.86 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

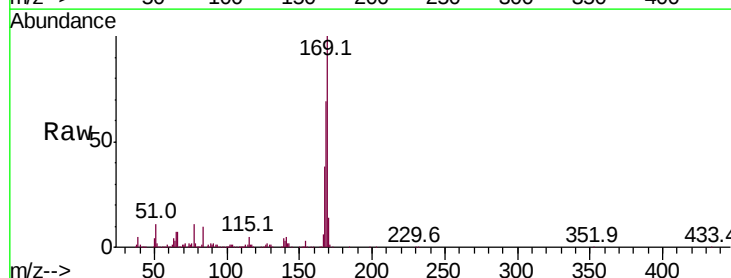
Tgt Ion:169 Resp: 661546

Ion Ratio Lower Upper

169 100

168 69.1 57.8 86.6

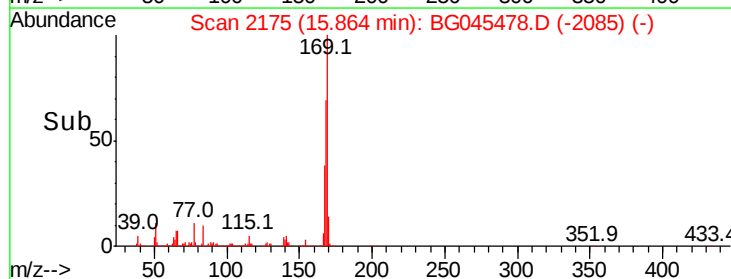
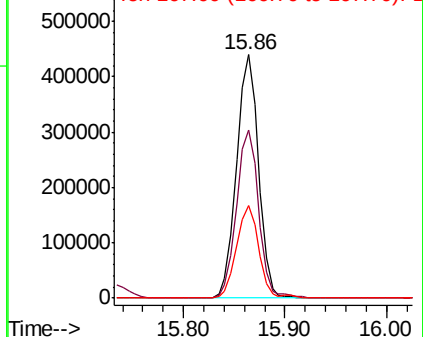
167 37.9 31.5 47.3

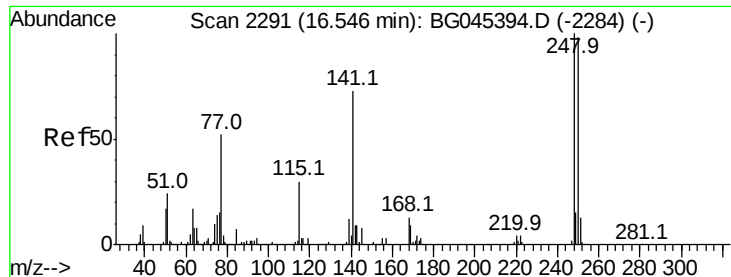


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.119 ng

RT: 16.54 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

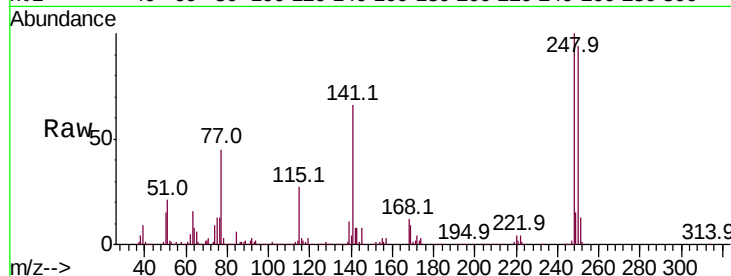
Tot Ion:248 Resp: 291359

Ion Ratio Lower Upper

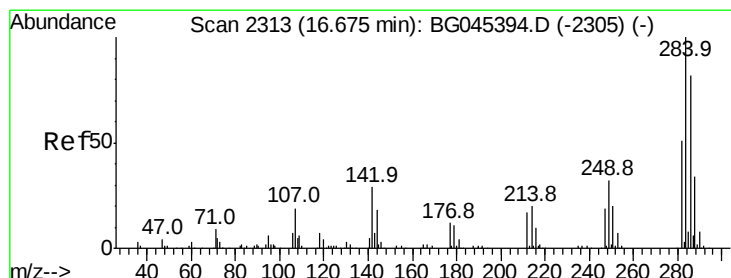
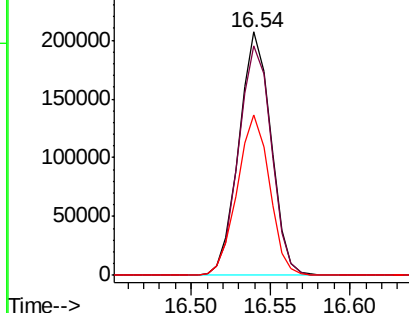
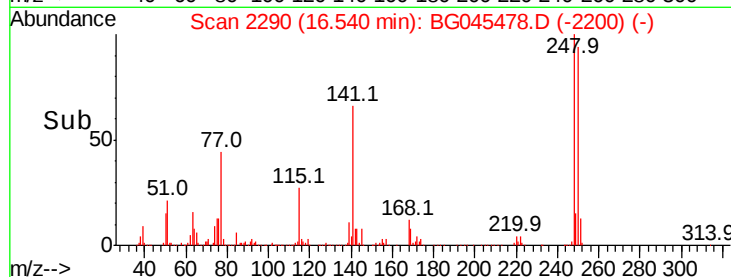
248 100

250 94.1 78.6 117.8

141 66.1 58.2 87.2



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



#68

Hexachlorobenzene

Concen: 47.478 ng

RT: 16.66 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

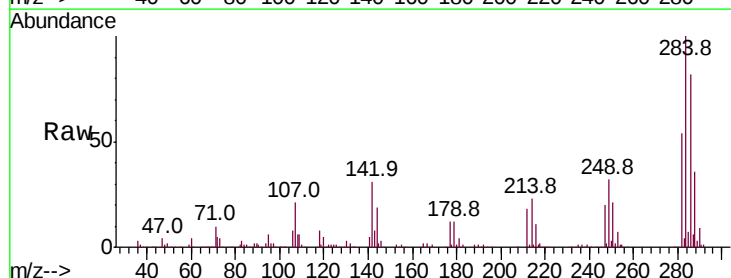
Tgt Ion:284 Resp: 313715

Ion Ratio Lower Upper

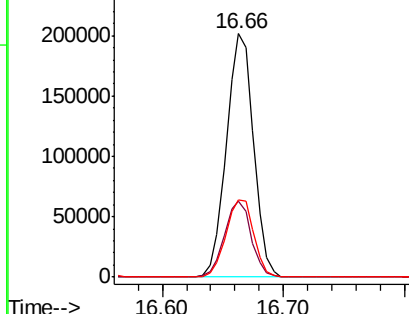
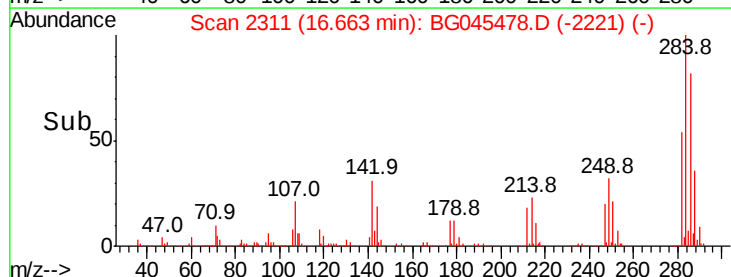
284 100

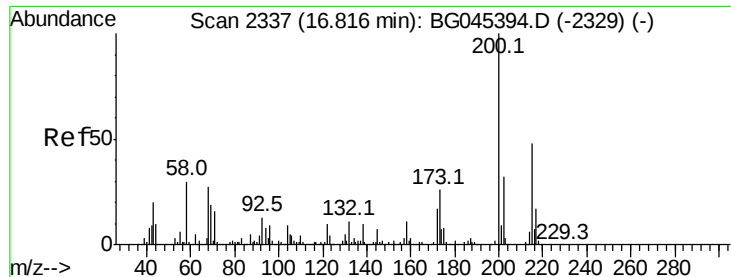
142 30.9 23.0 34.6

249 31.9 25.8 38.6



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





#69

Atrazine

Concen: 42.541 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

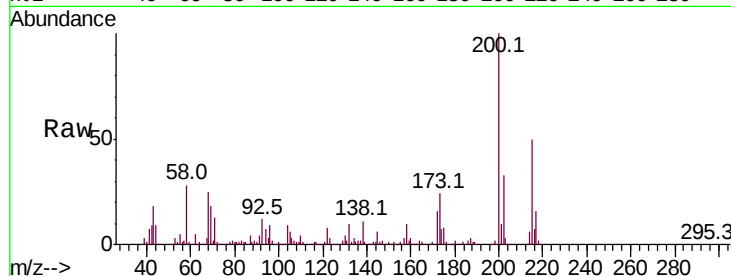
Tot Ion:200 Resp: 245452

Ion Ratio Lower Upper

200 100

173 23.6 5.5 45.5

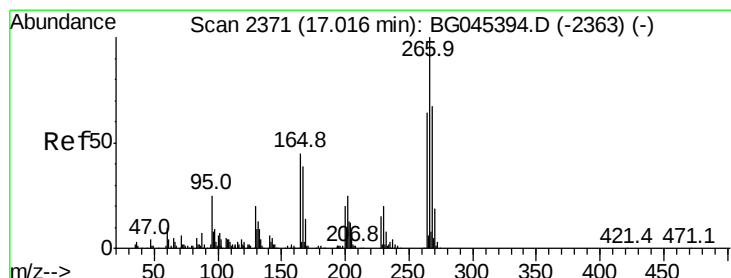
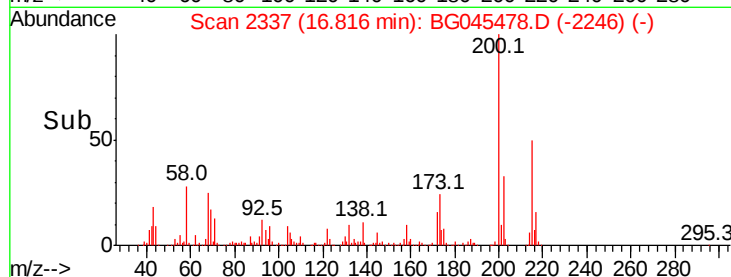
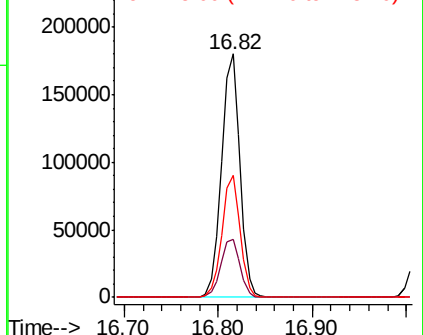
215 50.2 28.2 68.2



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: 100.017 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

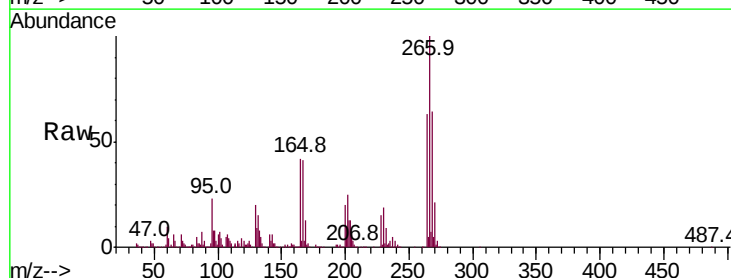
Tgt Ion:266 Resp: 343153

Ion Ratio Lower Upper

266 100

268 63.9 53.2 79.8

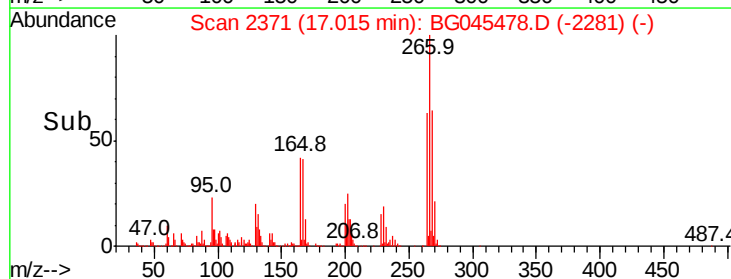
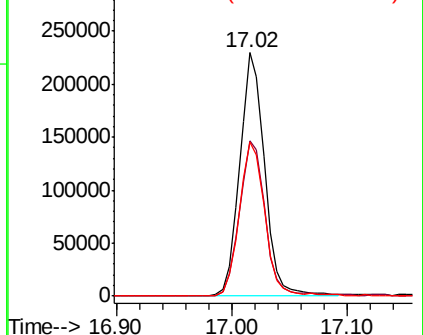
264 63.1 51.0 76.4

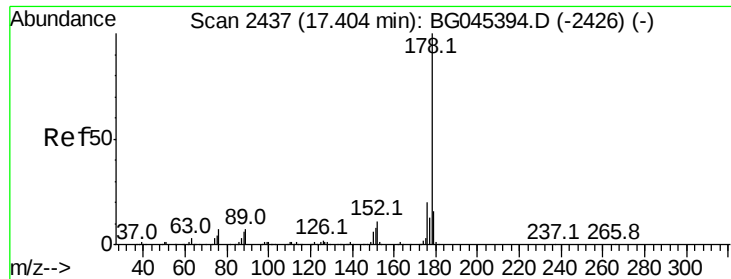


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

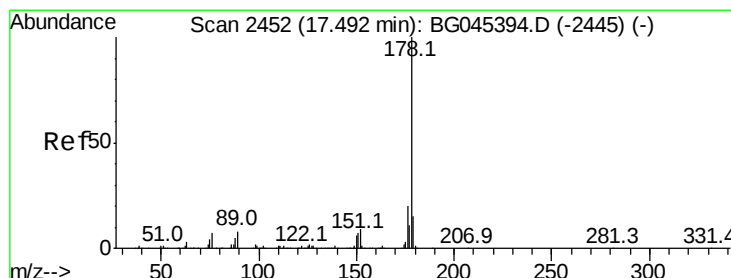
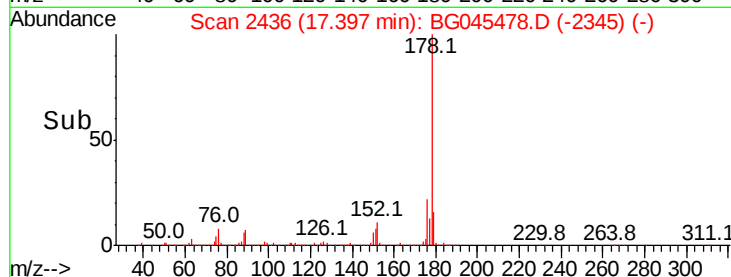
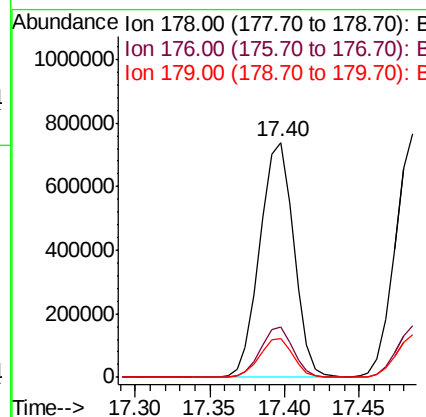
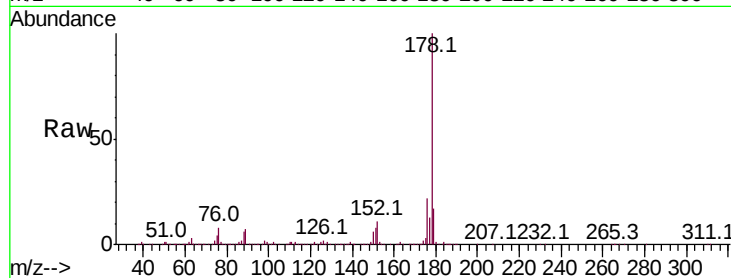




#71
Phenanthrene
Concen: 45.621 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

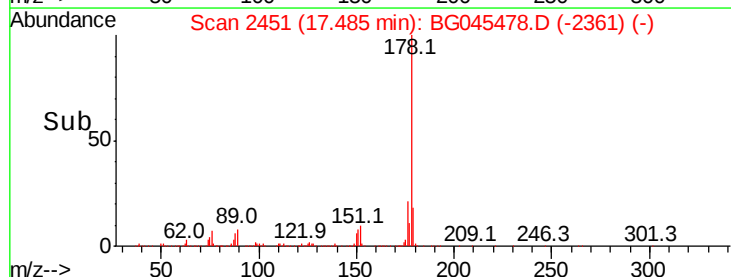
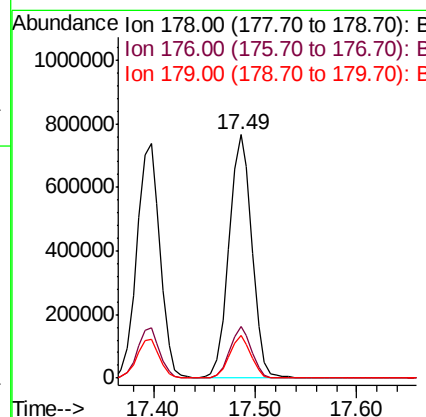
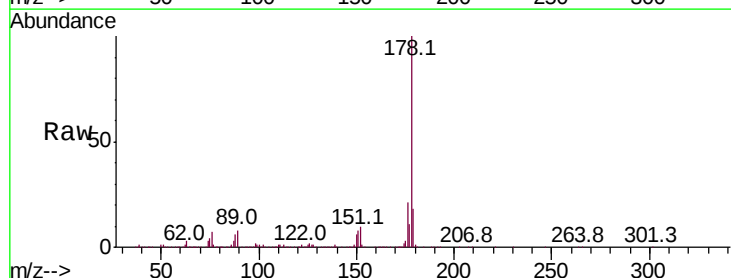
Instrument :
BNA_G
ClientSampleId :
370MS

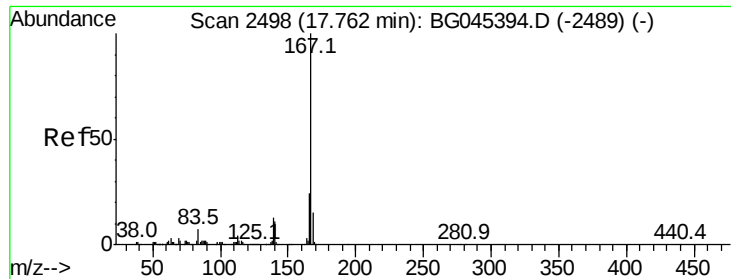
Tot Ion:178 Resp: 1161946
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 46.768 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:178 Resp: 1196214
Ion Ratio Lower Upper
178 100
176 21.3 15.8 23.6
179 17.7 12.2 18.4

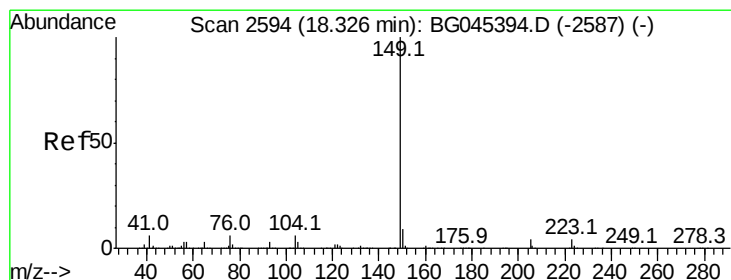
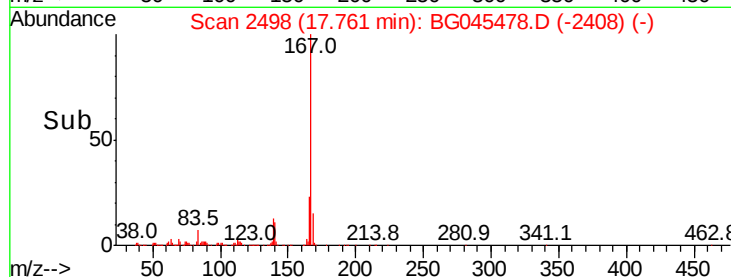
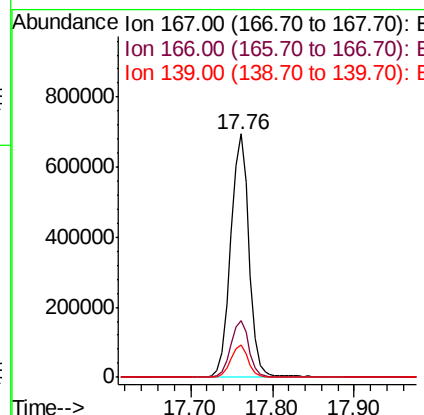
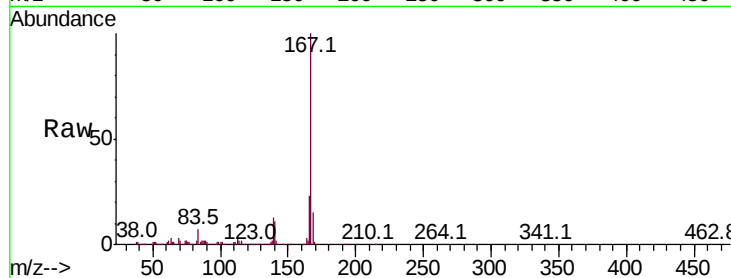




#73
 Carbazole
 Concen: 43.403 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

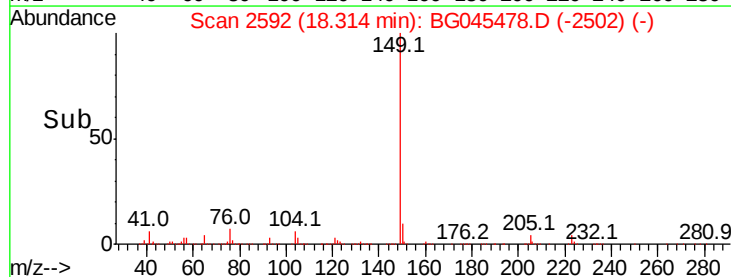
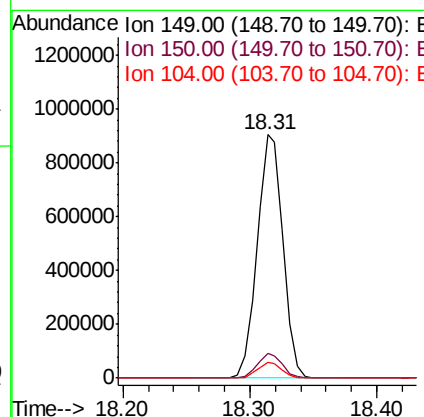
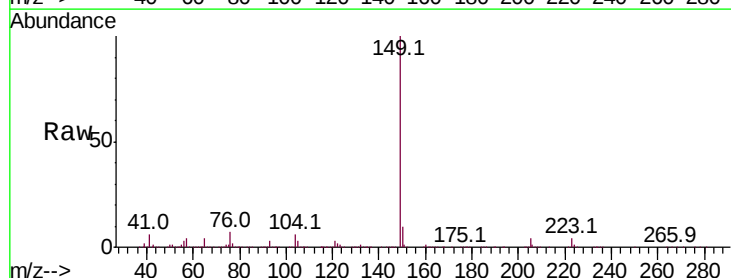
Instrument :
 BNA_G
 ClientSampleId :
 370MS

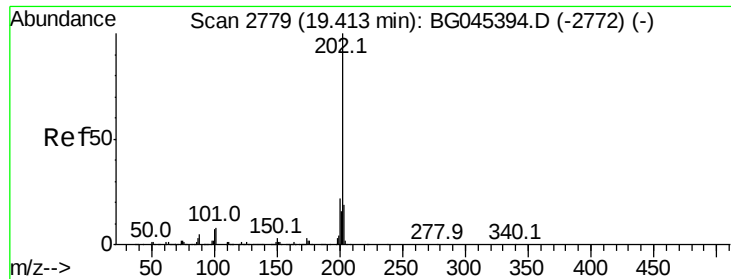
Tot Ion:167 Resp: 1082119
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.2 28.8
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.681 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045478.D
 Acq: 27 May 2020 16:13

Tgt Ion:149 Resp: 1277226
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 43.566 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

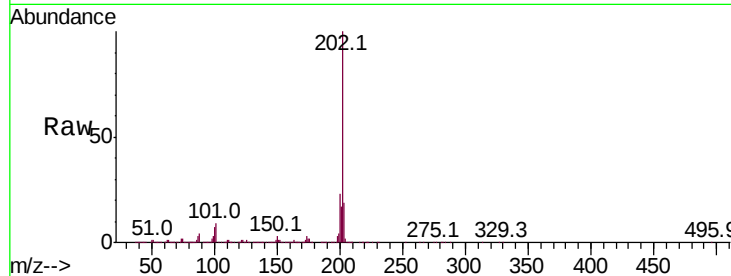
Tot Ion:202 Resp: 1411356

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.3

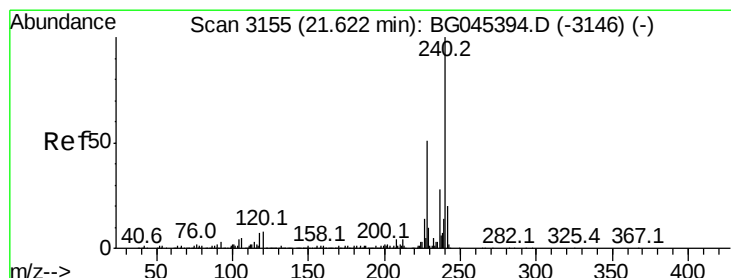
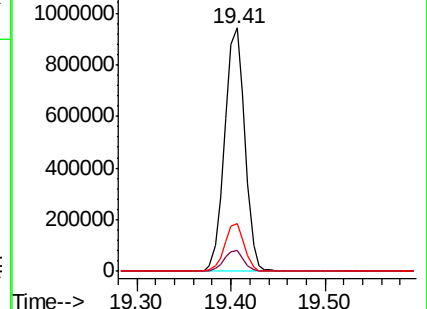
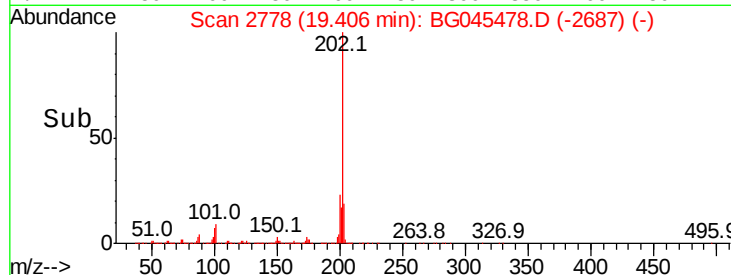
203 19.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

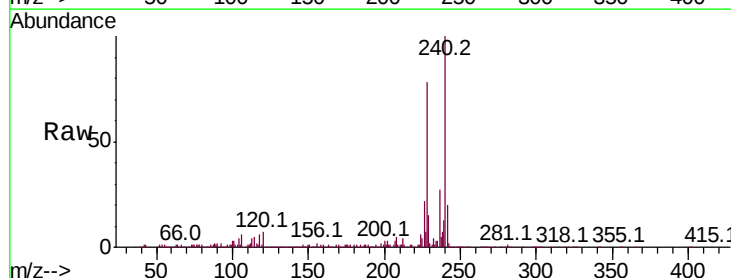
Tgt Ion:240 Resp: 512803

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

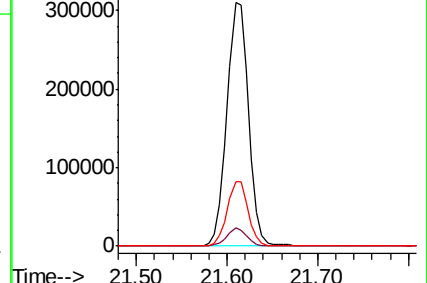
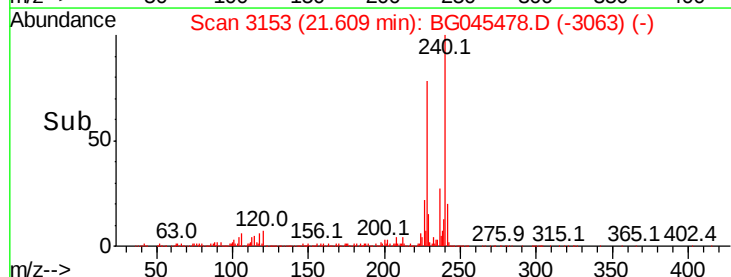
236 26.6 22.3 33.5

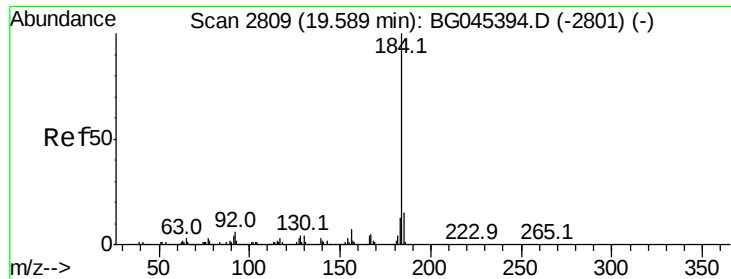


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.877 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

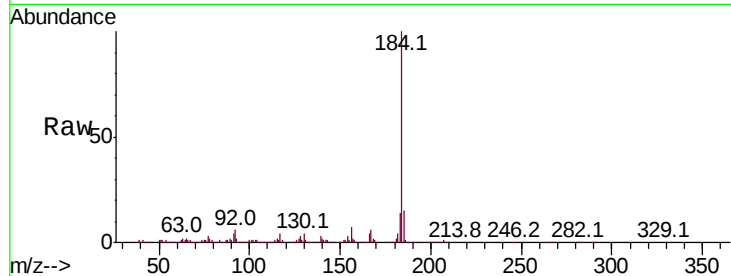
Tot Ion:184 Resp: 574325

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

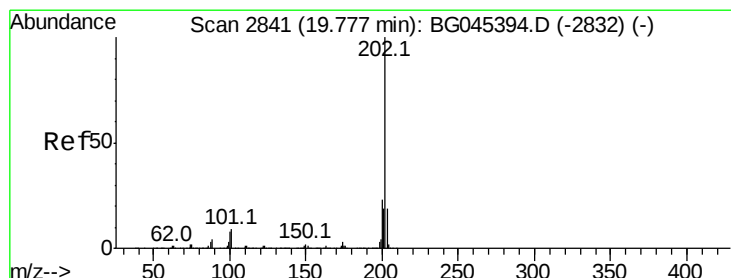
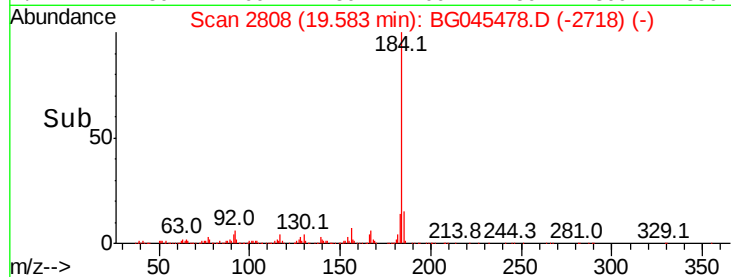
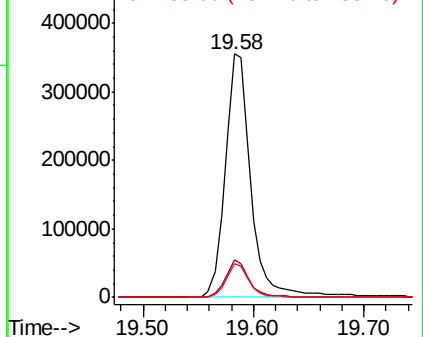
183 13.8 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.487 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

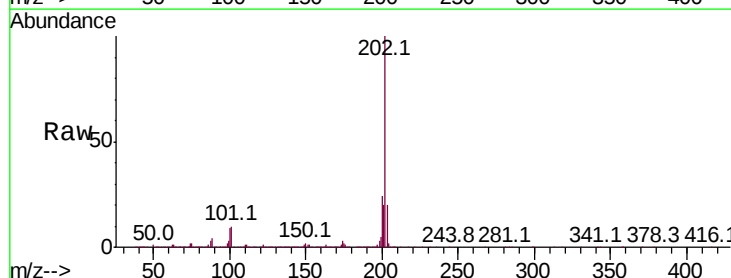
Tgt Ion:202 Resp: 1388130

Ion Ratio Lower Upper

202 100

200 23.9 18.2 27.2

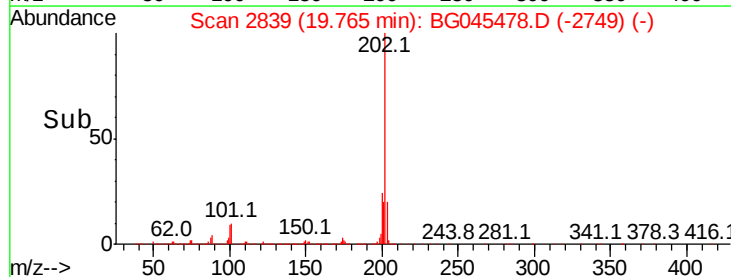
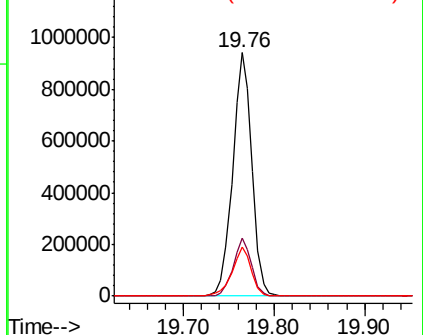
203 19.9 15.1 22.7

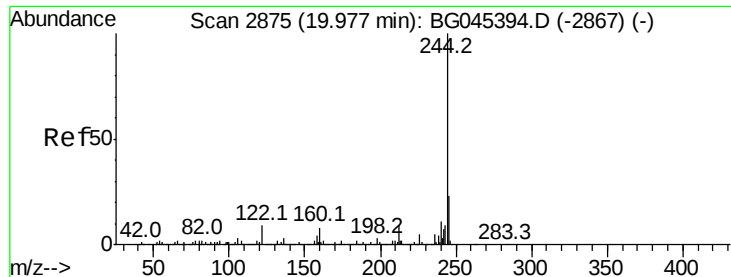


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.624 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

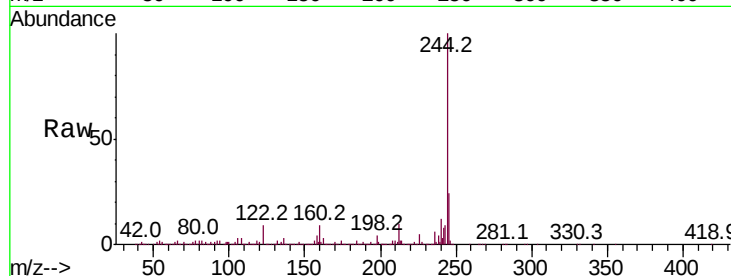
Tot Ion:244 Resp: 1816650

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

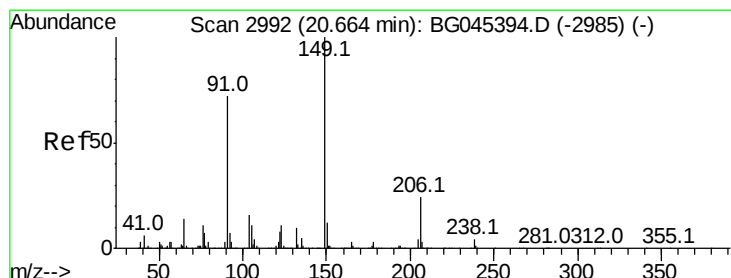
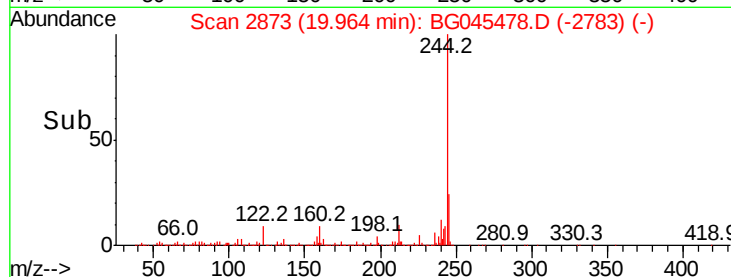
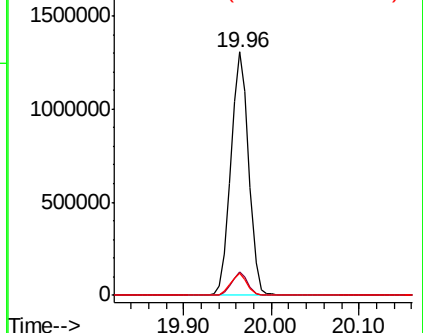
122 9.1 6.8 10.2



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: 44.155 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

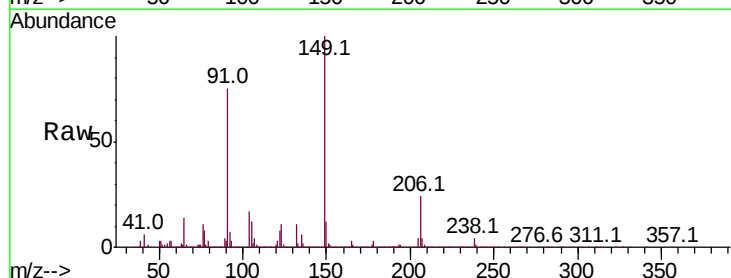
Tgt Ion:149 Resp: 557129

Ion Ratio Lower Upper

149 100

91 74.8 57.8 86.6

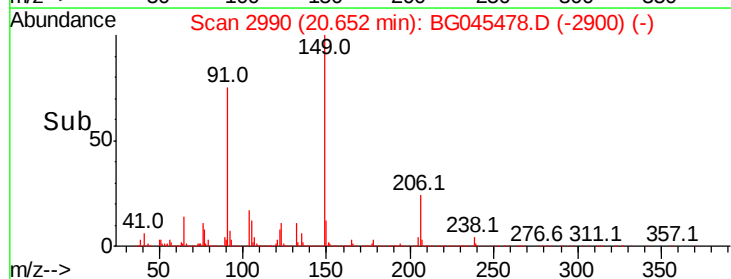
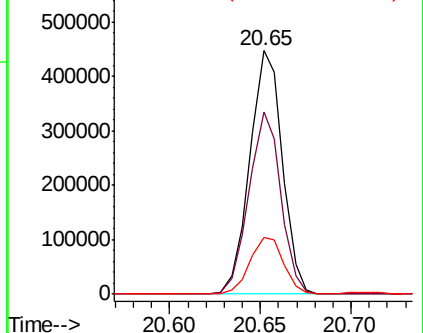
206 23.5 19.1 28.7

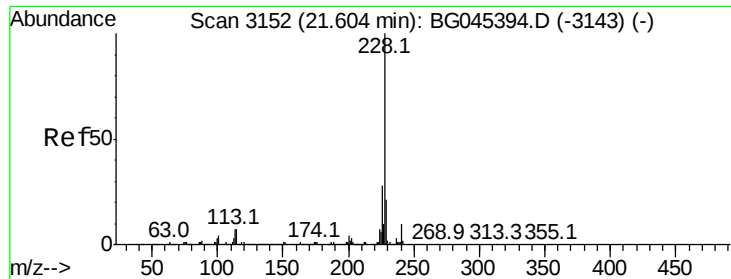


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.991 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

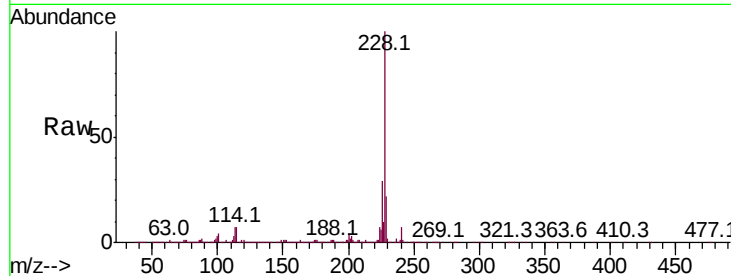
Tot Ion:228 Resp: 1342384

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

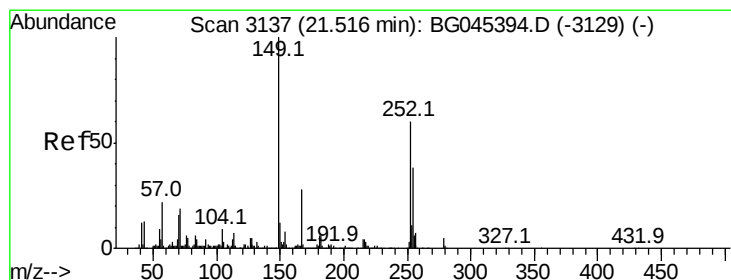
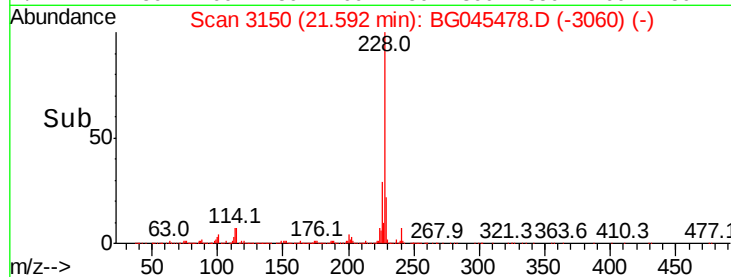
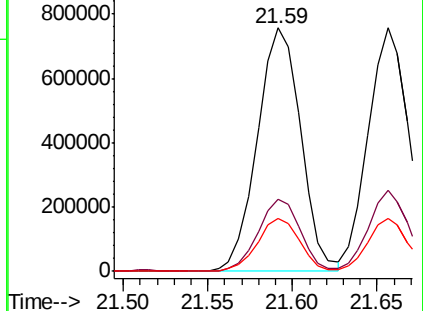
229 21.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.087 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

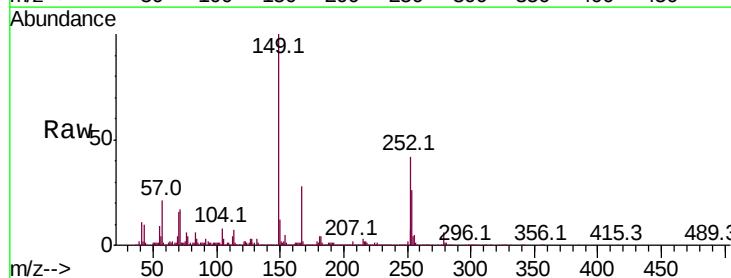
Tgt Ion:252 Resp: 348349

Ion Ratio Lower Upper

252 100

254 62.1 51.3 76.9

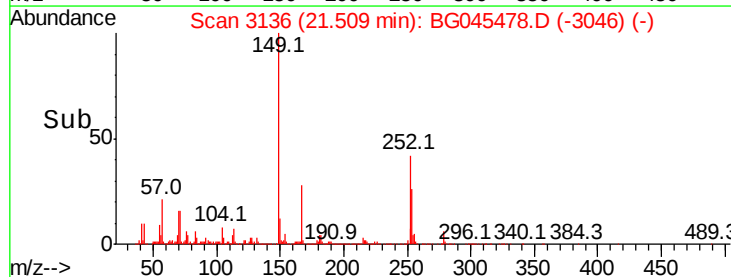
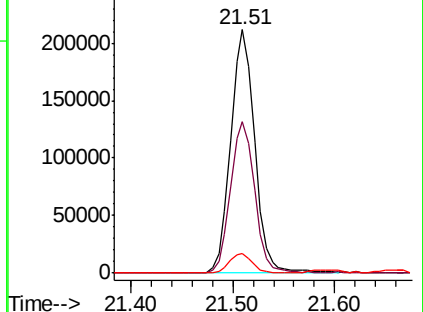
126 8.1 6.6 10.0

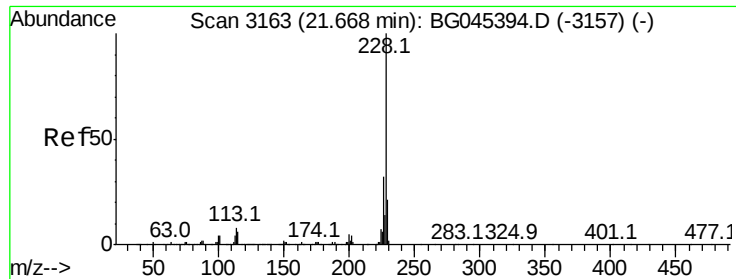


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.070 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

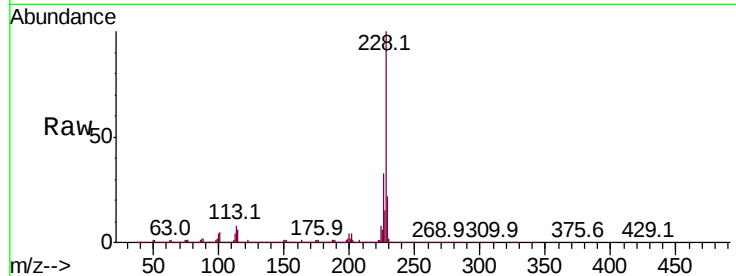
BNA_G

ClientSampleId :

370MS

Tot Ion:228 Resp: 1265457

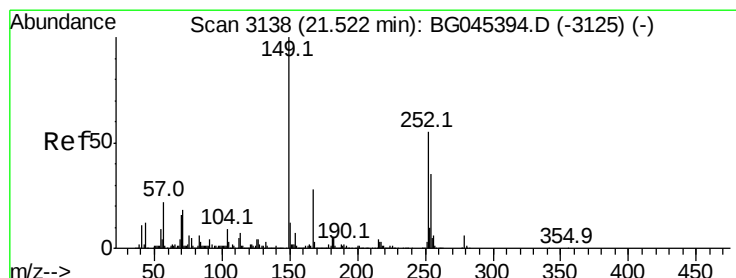
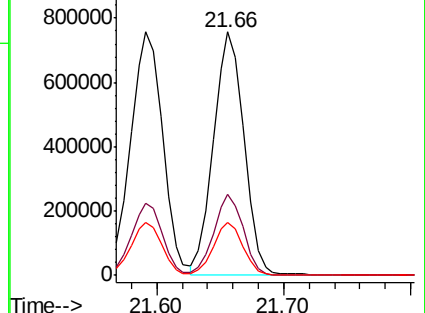
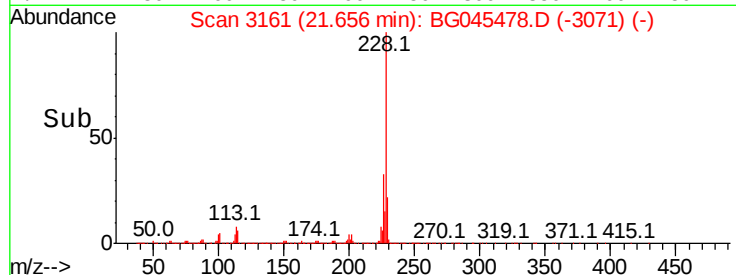
Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.2	37.8
229	21.8	16.7	25.1



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: 44.459 ng

RT: 21.50 min Scan# 3135

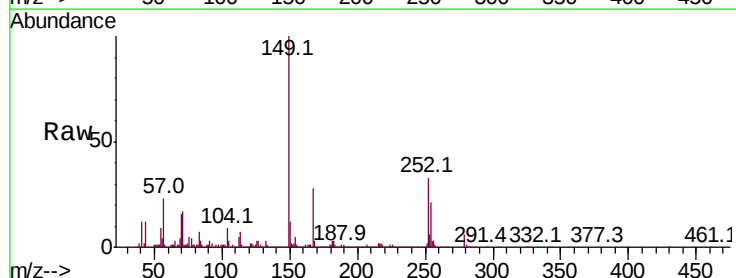
Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Tgt Ion:149 Resp: 771108

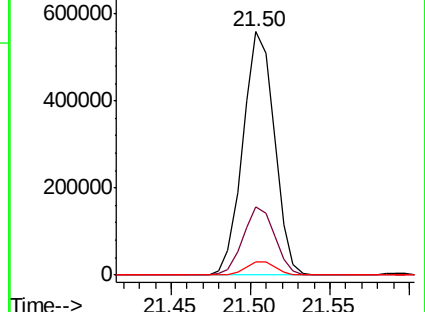
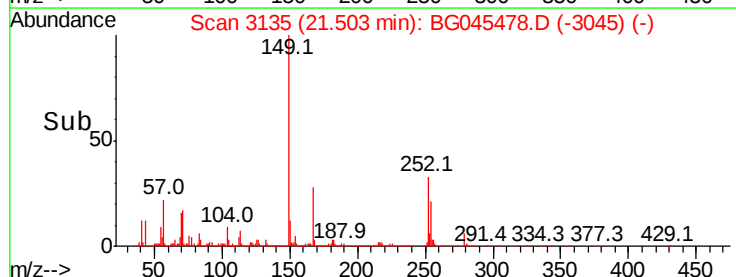
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.6	4.7	7.1

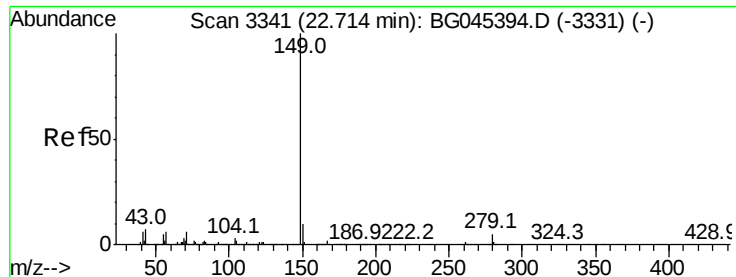


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

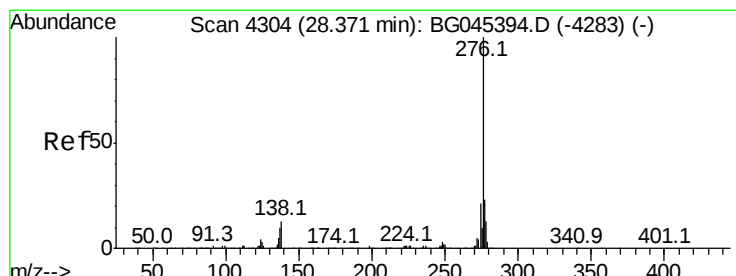
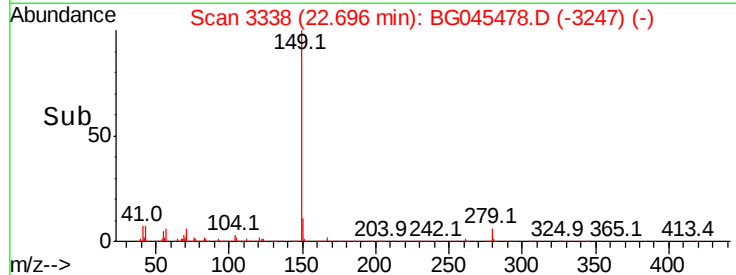
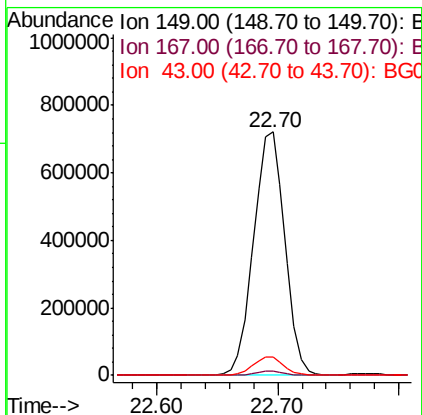
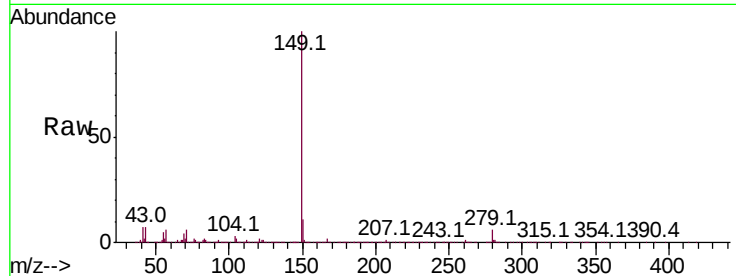




#85
Di-n-octyl phthalate
Concen: 43.547 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

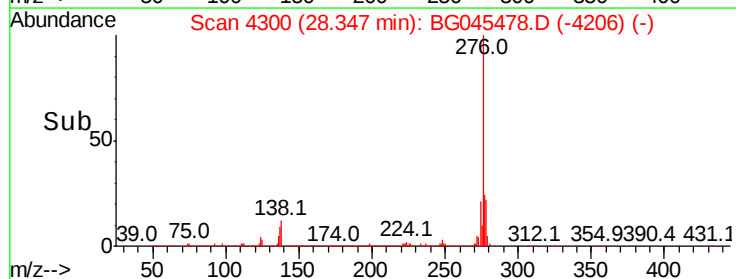
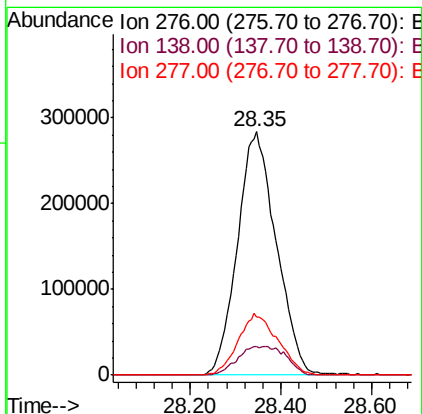
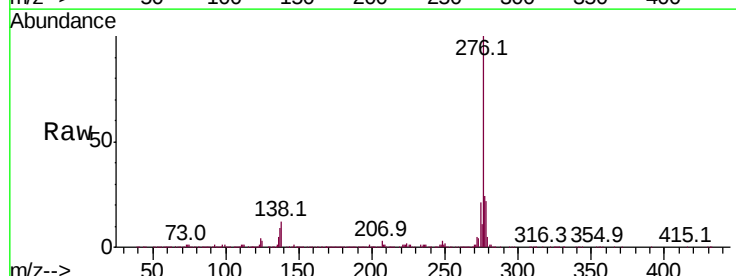
Instrument :
BNA_G
ClientSampleId :
370MS

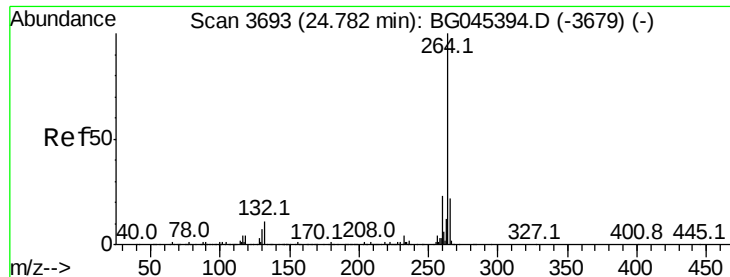
Tot Ion:149 Resp: 1297237
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.977 ng
RT: 28.35 min Scan# 4300
Delta R.T. 0.02 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:276 Resp: 1687374
Ion Ratio Lower Upper
276 100
138 7.0 8.6 12.8#
277 25.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampled :

370MS

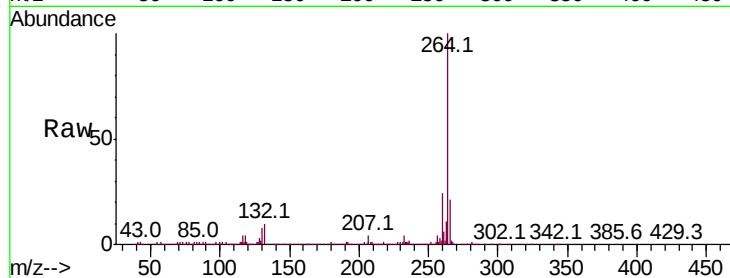
Tot Ion:264 Resp: 563383

Ion Ratio Lower Upper

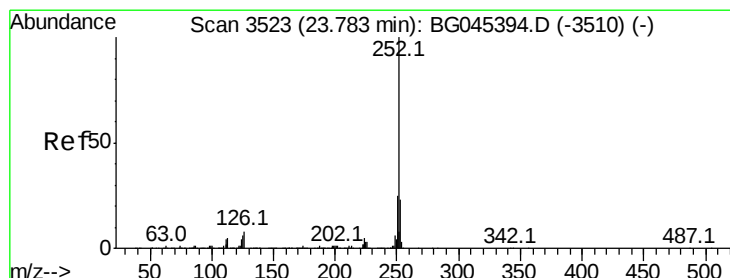
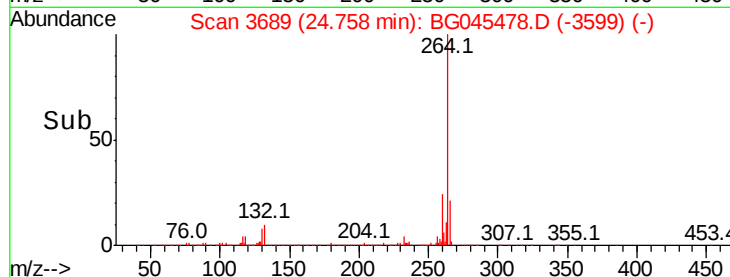
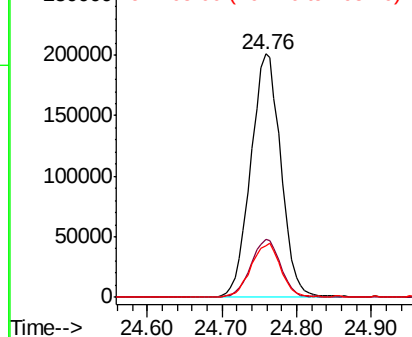
264 100

260 24.0 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: 47.245 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

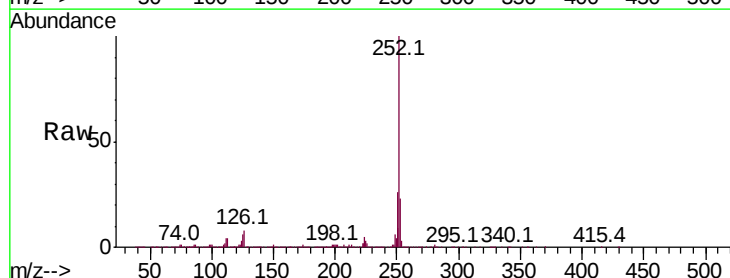
Tgt Ion:252 Resp: 1427488

Ion Ratio Lower Upper

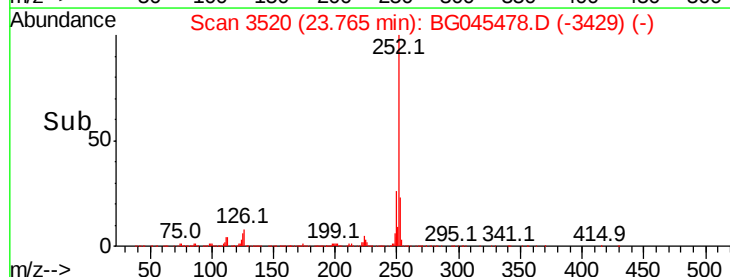
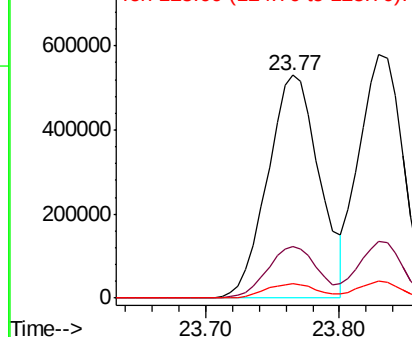
252 100

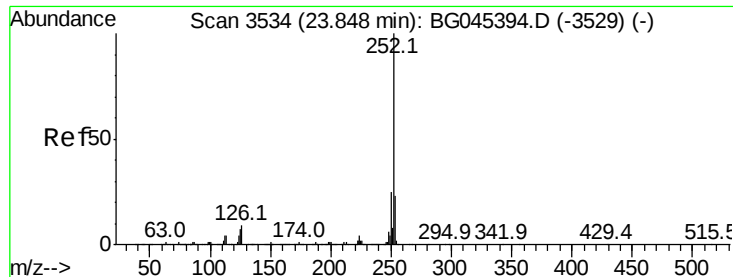
253 23.0 18.1 27.1

125 6.2 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

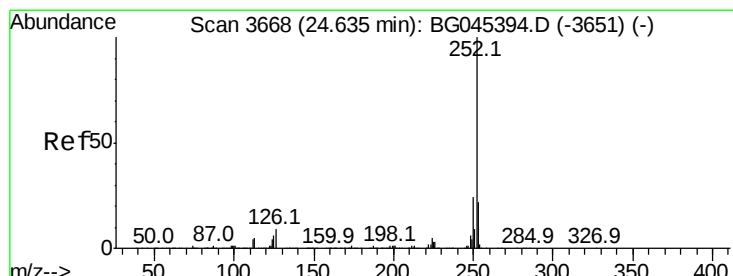
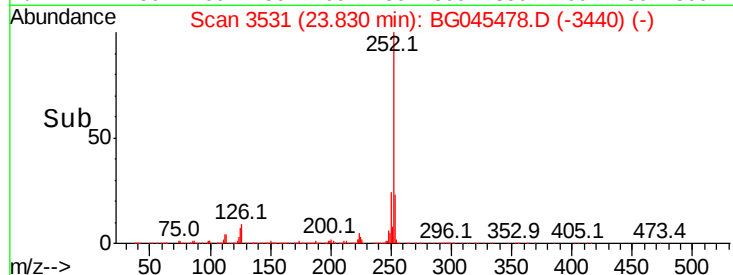
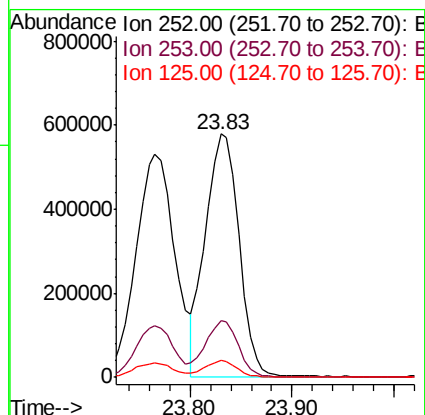
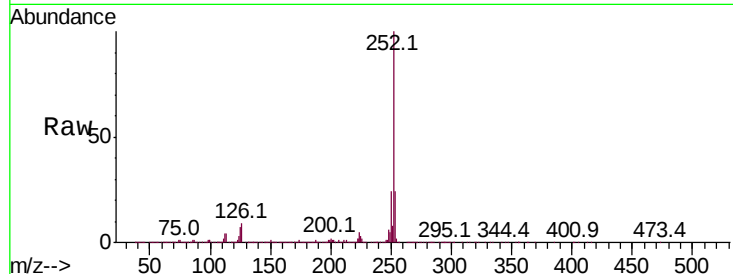




#89
Benzo(k)fluoranthene
Concen: 46.899 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

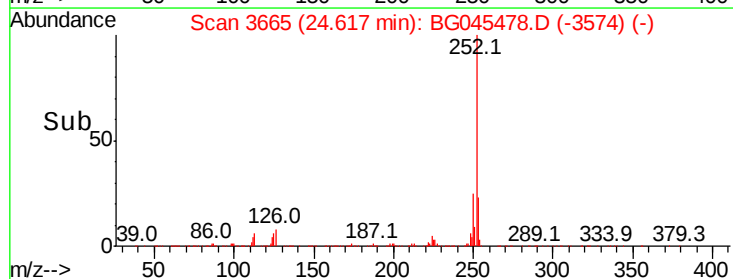
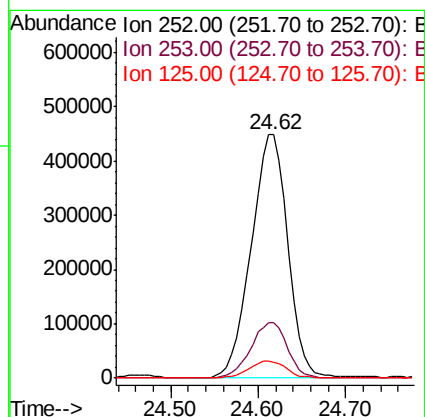
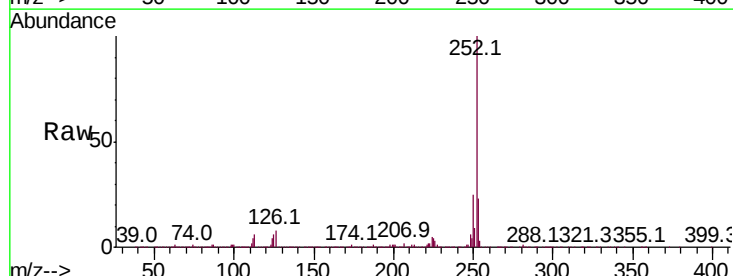
Instrument :
BNA_G
ClientSampleId :
370MS

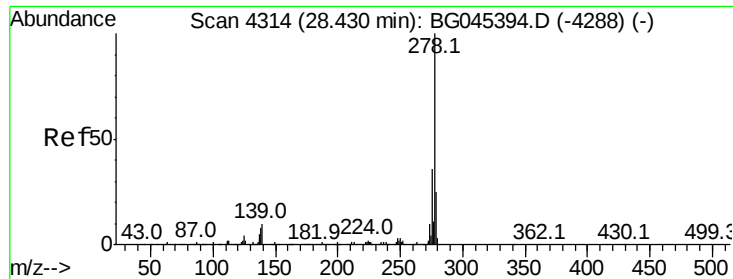
Tot Ion:252 Resp: 1331293
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 6.8 5.7 8.5



#90
Benzo(a)pyrene
Concen: 45.591 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG045478.D
Acq: 27 May 2020 16:13

Tgt Ion:252 Resp: 1282940
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 6.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 48.442 ng

RT: 28.40 min Scan# 4309

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

370MS

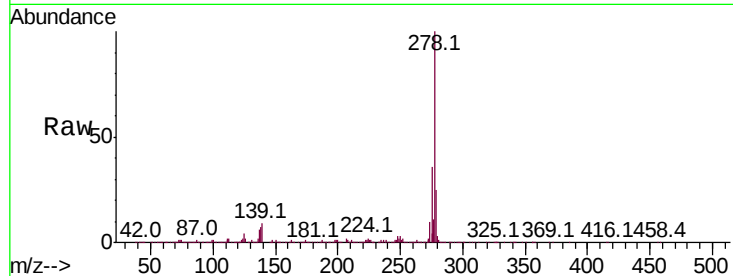
Tot Ion:278 Resp: 1369836

Ion Ratio Lower Upper

278 100

139 9.4 7.8 11.8

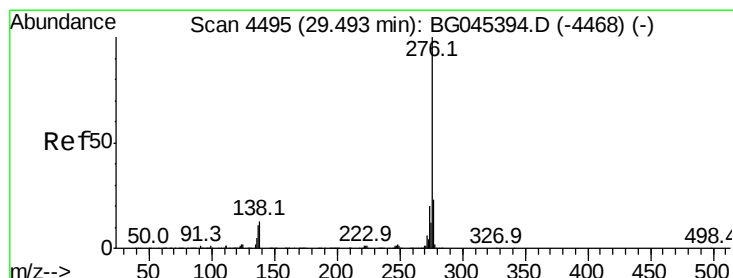
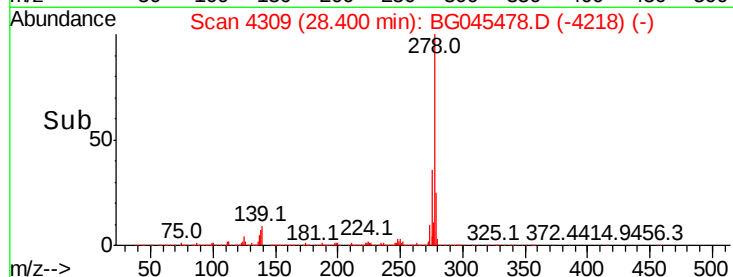
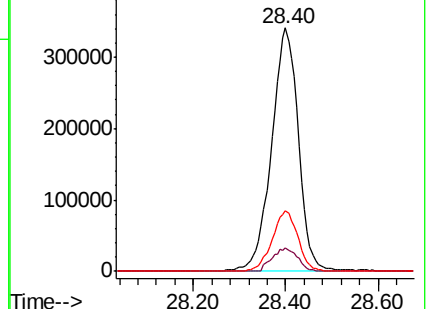
279 24.7 19.8 29.8



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: 49.583 ng

RT: 29.46 min Scan# 4489

Delta R.T. 0.01 min

Lab File: BG045478.D

Acq: 27 May 2020 16:13

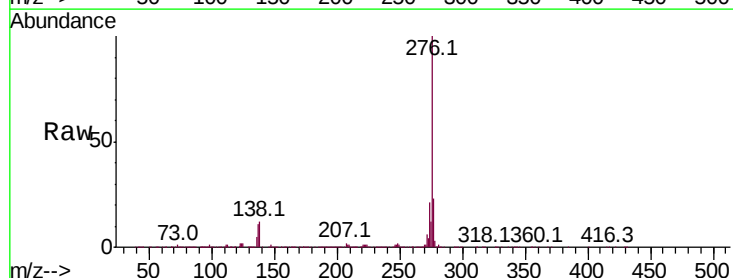
Tgt Ion:276 Resp: 1402275

Ion Ratio Lower Upper

276 100

277 23.0 18.1 27.1

138 12.3 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

