

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
 Data File : BG045031.D
 Acq On : 17 Apr 2020 13:48
 Operator : CG/JU
 Sample : L2284-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

Quant Time: Apr 17 14:42:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	63023	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	279358	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	225863	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	546212	20.00	ng	0.00
76) Chrysene-d12	21.67	240	475260	20.00	ng	0.00
87) Perylene-d12	24.85	264	378696	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	650910	170.51	ng	0.00
7) Phenol-d6	7.19	99	960186	169.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	625713	102.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	538325	154.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1517300	98.50	ng	0.00
79) Terphenyl-d14	20.01	244	2425340	111.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	71208	41.973	ng	# 59
4) n-Nitrosodimethylamine	3.79	42	87380	54.607	ng	91
6) Aniline	7.44	93	248842	33.745	ng	# 55
8) 2-Chlorophenol	7.59	128	269764	65.753	ng	99
9) Benzaldehyde	7.15	77	98066	27.674	ng	97
10) Phenol	7.21	94	359788	63.393	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	248842	55.069	ng	98
12) 1,3-Dichlorobenzene	7.91	146	239010	49.439	ng	97
13) 1,4-Dichlorobenzene	8.06	146	243190	50.483	ng	98
14) 1,2-Dichlorobenzene	8.38	146	232588	50.469	ng	97
15) Benzyl Alcohol	8.26	79	238240	50.101	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	239236	53.934	ng	99
17) 2-Methylphenol	8.47	107	260915	59.584	ng	95
18) Hexachloroethane	9.12	117	90548	50.000	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	241175	60.128	ng	98
20) 3+4-Methylphenols	8.80	107	371618	60.630	ng	99
22) Acetophenone	8.85	105	424968	56.253	ng	99
24) Nitrobenzene	9.22	77	343461	54.729	ng	97
25) Isophorone	9.75	82	699369	55.781	ng	98
26) 2-Nitrophenol	9.94	139	162792	60.221	ng	98
27) 2,4-Dimethylphenol	10.00	122	277990	64.811	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	372906	56.608	ng	99
29) 2,4-Dichlorophenol	10.48	162	309212	62.432	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	290704	51.841	ng	97
31) Naphthalene	10.88	128	816118	53.403	ng	99
32) Benzoic acid	10.16	122	236887	65.661	ng	98
34) Hexachlorobutadiene	11.18	225	189847	49.380	ng	100
35) Caprolactam	11.75	113	50229	25.482	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	376019	64.628	ng	99
37) 2-Methylnaphthalene	12.49	142	675602	56.956	ng	95
38) 1-Methylnaphthalene	12.70	142	644057	57.515	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	362306	49.821	ng	99
41) Hexachlorocyclopentadiene	12.85	237	485267	106.764	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	294032	57.289	ng	93

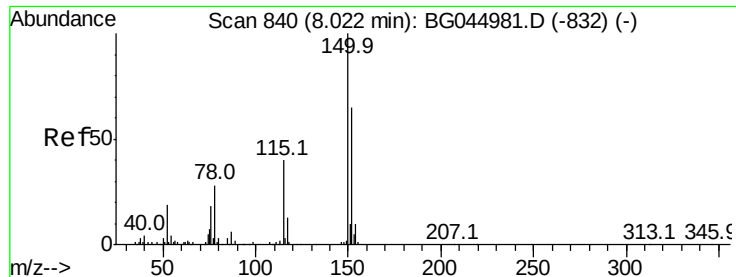
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.16	196	316790	54.226	nq	97
46) 1,1'-Biphenyl	13.49	154	876413	51.052	nq	99
47) 2-Chloronaphthalene	13.53	162	685128	52.230	nq	99
48) 2-Nitroaniline	13.73	65	196995	45.644	nq	98
49) Acenaphthylene	14.38	152	1123722	52.593	nq	98
50) Dimethylphthalate	14.11	163	1014657	55.172	nq	99
51) 2,6-Dinitrotoluene	14.23	165	227157	55.222	nq	98
52) Acenaphthene	14.72	154	740304	51.209	nq	99
53) 3-Nitroaniline	14.55	138	21275	4.716	nq	96
54) 2,4-Dinitrophenol	14.76	184	308944	126.305	nq	96
55) Dibenzofuran	15.06	168	1121648	53.218	nq	97
56) 4-Nitrophenol	14.87	139	367808	105.146	nq	97
57) 2,4-Dinitrotoluene	15.01	165	324054	53.906	nq	97
58) Fluorene	15.71	166	939639	54.581	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	315285	60.653	nq	# 98
60) Diethylphthalate	15.48	149	1012293	52.794	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	525108	52.993	nq	98
62) 4-Nitroaniline	15.71	138	98317	21.011	nq	96
63) Azobenzene	15.99	77	901546	50.998	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	217774	60.657	nq	96
66) n-Nitrosodiphenylamine	15.91	169	204669	13.041	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	361796	51.344	nq	96
68) Hexachlorobenzene	16.72	284	392137	53.658	nq	99
69) Atrazine	16.85	200	57413	5.876	nq	98
70) Pentachlorophenol	17.06	266	511440	114.077	nq	99
71) Phenanthrene	17.45	178	1501300	53.487	nq	99
72) Anthracene	17.54	178	1508198	53.567	nq	98
73) Carbazole	17.80	167	564615	19.761	nq	96
74) Di-n-butylphthalate	18.37	149	1668516	54.994	nq	98
75) Fluoranthene	19.45	202	1778630	55.329	nq	98
77) Benzidine	20.01	184	50130	Below Cal	#	82
78) Pyrene	19.81	202	1747332	53.330	nq	99
80) Butylbenzylphthalate	20.70	149	737095	54.273	nq	99
81) Benzo(a)anthracene	21.65	228	1651915	53.627	nq	99
83) Chrysene	21.72	228	1599418	54.041	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1024302	54.837	nq	99
85) Di-n-octyl phthalate	22.77	149	1729987	53.559	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	1992888	50.716	nq	99
88) Benzo(b)fluoranthene	23.85	252	1822437	76.827	nq	99
89) Benzo(k)fluoranthene	23.91	252	1656339	73.423	nq	100
90) Benzo(a)pyrene	24.71	252	1473382	65.786	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	1703756	75.495	nq	98
92) Benzo(g,h,i)perylene	29.61	276	1530146	67.629	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

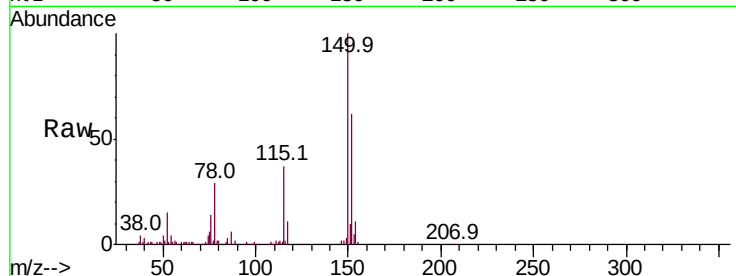
Tot Ion:152 Resp: 63023

Ion Ratio Lower Upper

152 100

150 160.8 123.6 185.4

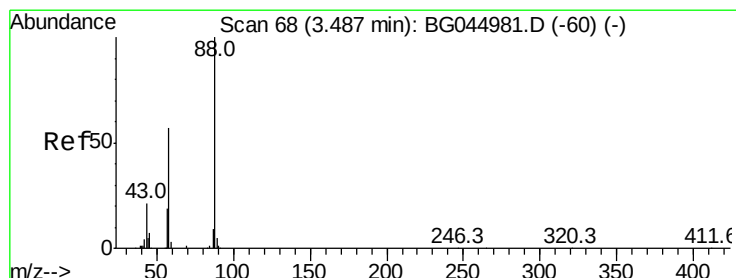
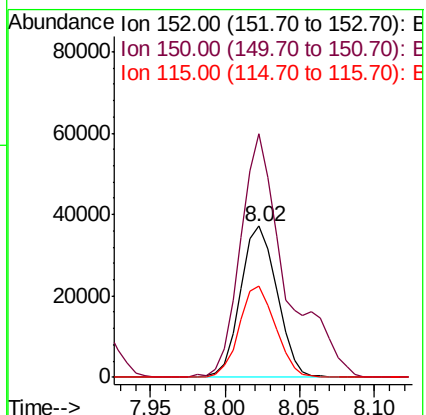
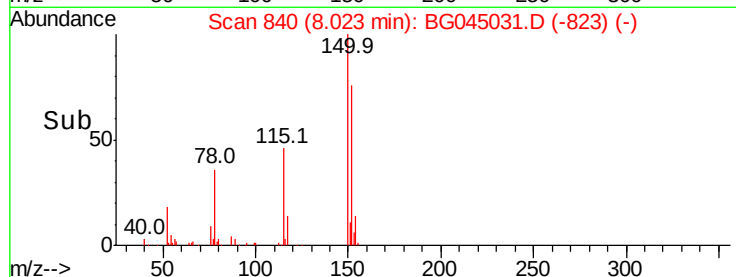
115 60.0 49.1 73.7



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: 41.973 ng

RT: 3.49 min Scan# 69

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

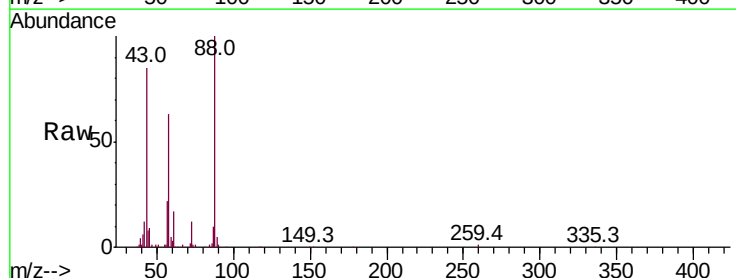
Tgt Ion: 88 Resp: 71208

Ion Ratio Lower Upper

88 100

58 61.3 46.6 69.8

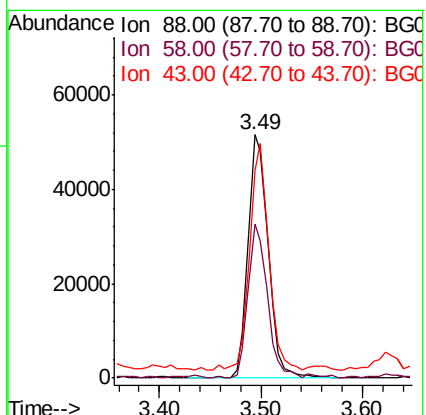
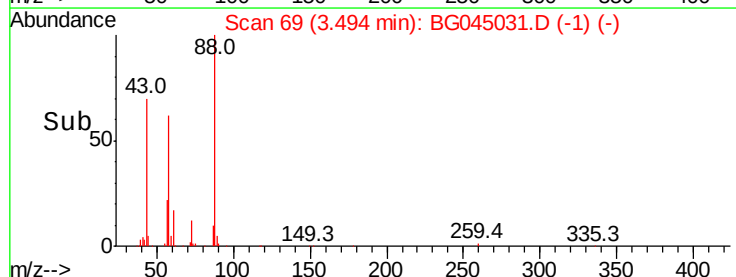
43 87.7 17.5 26.3#

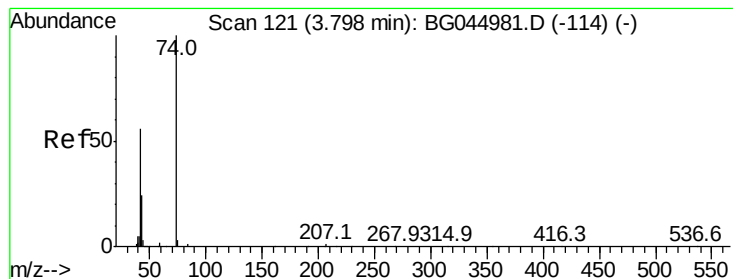


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



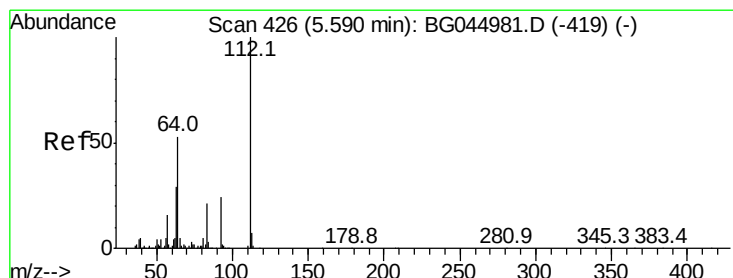
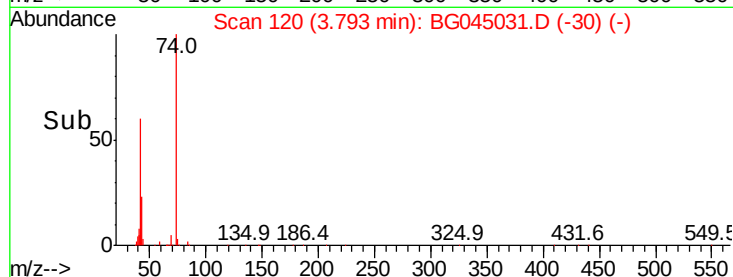
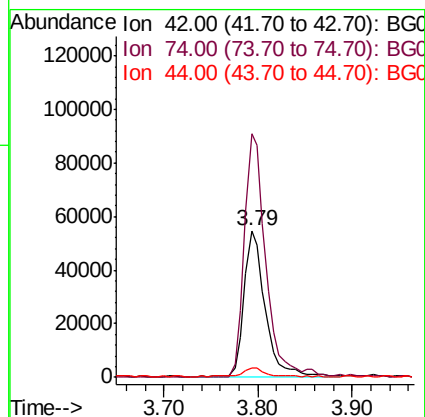
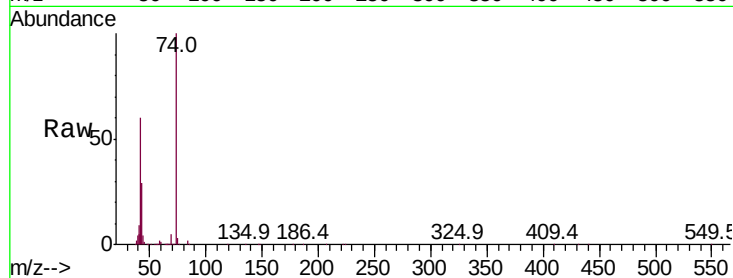


#4

n-Nitrosodimethylamine
 Concen: 54.607 ng
 RT: 3.79 min Scan# 120
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

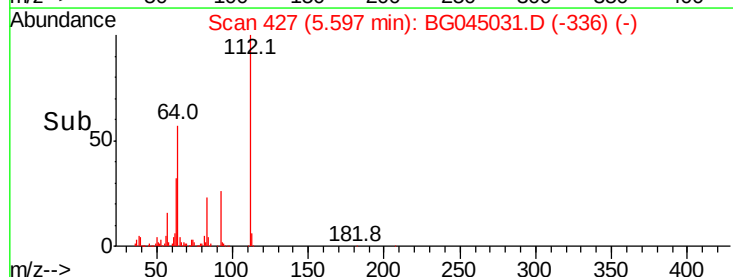
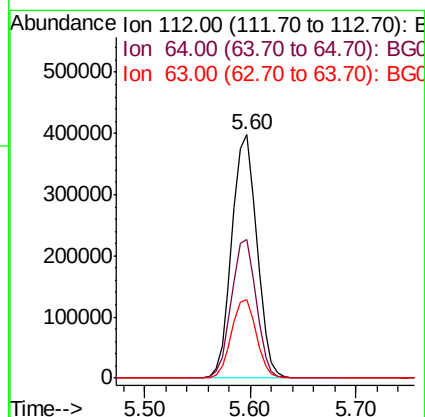
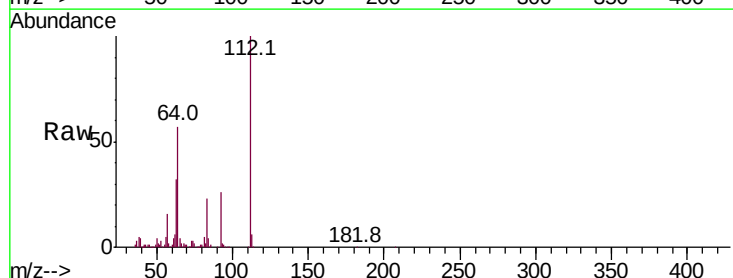
Tot Ion:	42	Resp:	87380
Ion	Ratio	Lower	Upper
42	100		
74	166.0	143.0	214.6
44	6.6	4.6	6.8

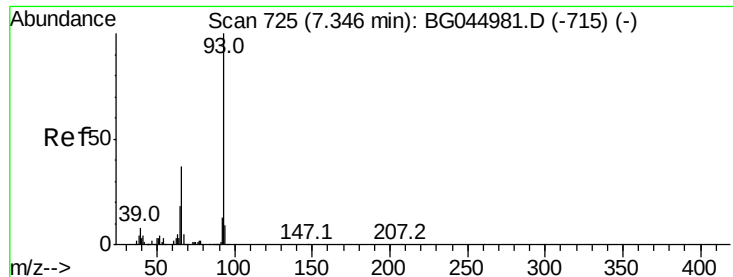


#5

2-Fluorophenol
 Concen: 170.512 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion:	112	Resp:	650910
Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.4	63.6
63	32.1	23.1	34.7





#6

Aniline

Concen: 33.745 ng

RT: 7.44 min Scan# 740

Delta R.T. 0.09 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

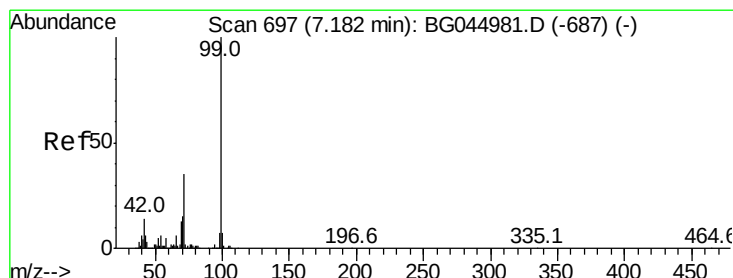
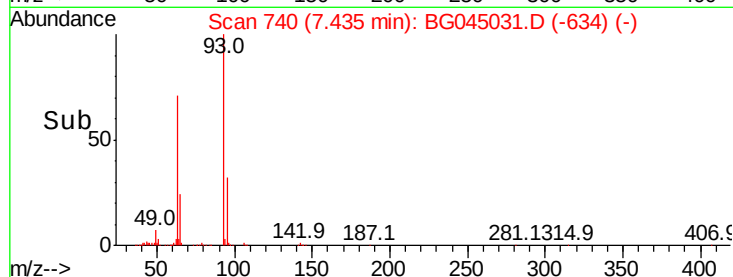
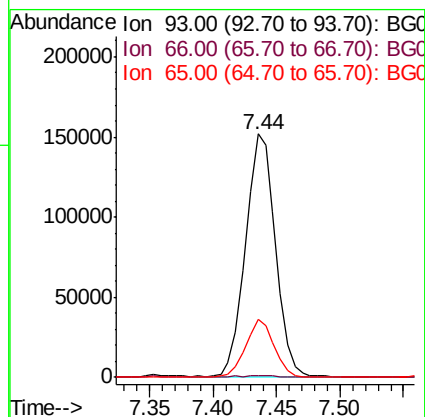
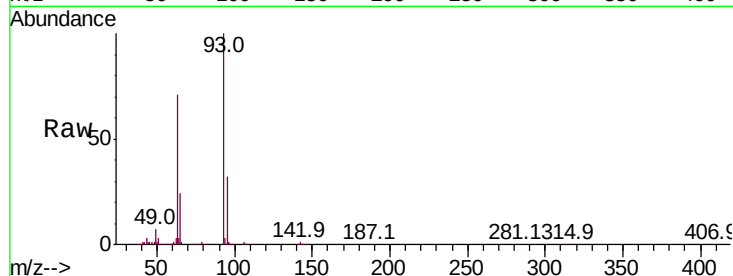
Tot Ion: 93 Resp: 248842

Ion Ratio Lower Upper

93 100

66 0.8 29.8 44.8#

65 23.9 14.6 22.0#



#7

Phenol-d6

Concen: 169.295 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

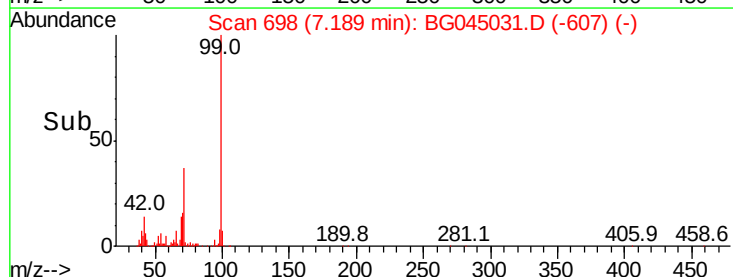
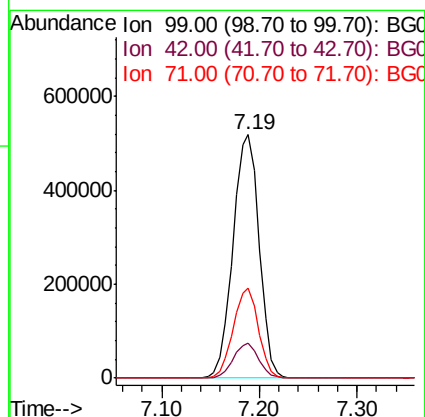
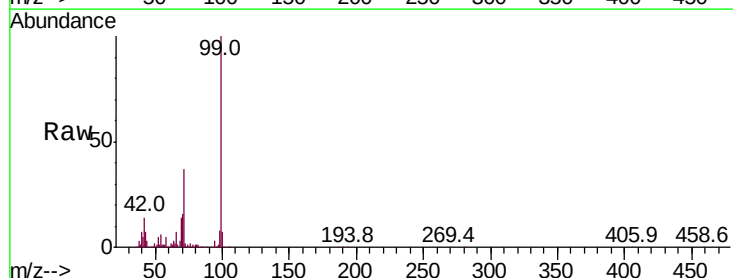
Tgt Ion: 99 Resp: 960186

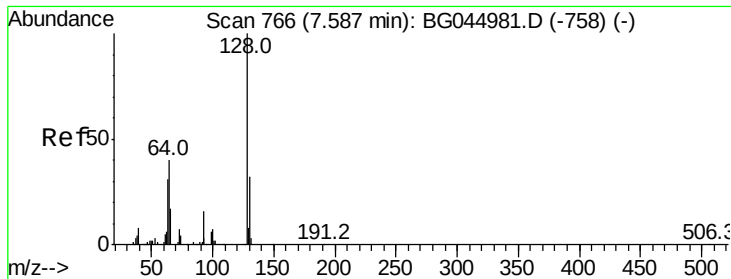
Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 37.2 28.3 42.5





#8

2-Chlorophenol

Concen: 65.753 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

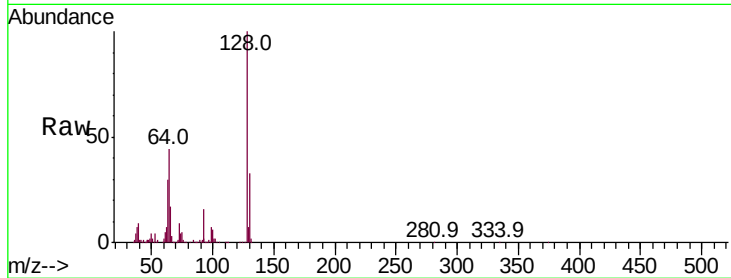
Tot Ion:128 Resp: 269764

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

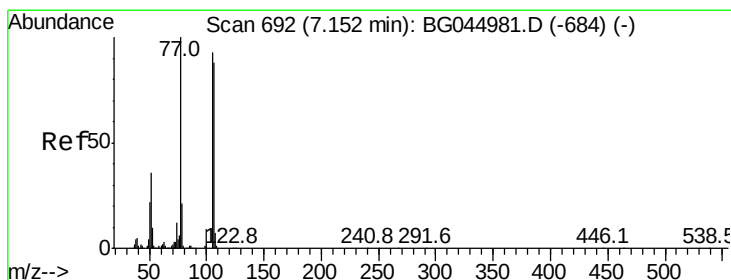
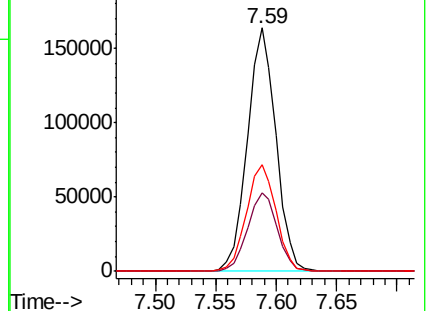
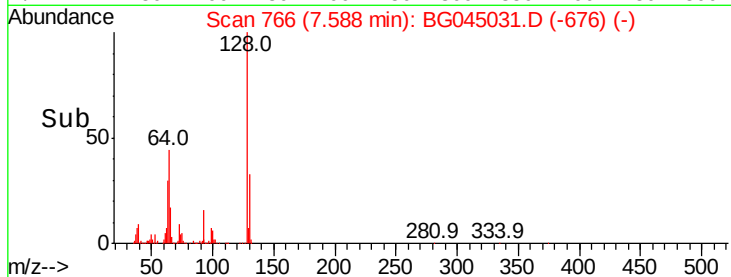
64 43.9 24.4 64.4



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: 27.674 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

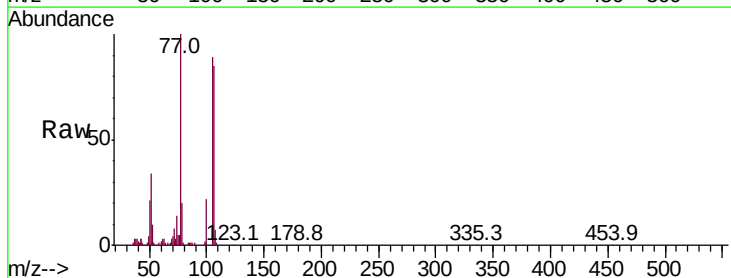
Tgt Ion: 77 Resp: 98066

Ion Ratio Lower Upper

77 100

105 89.4 72.9 112.9

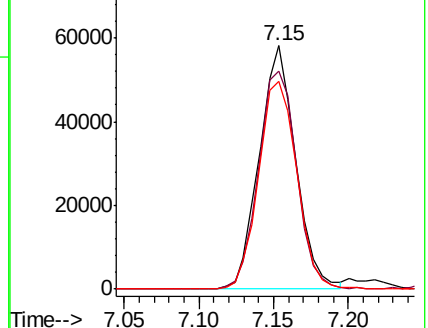
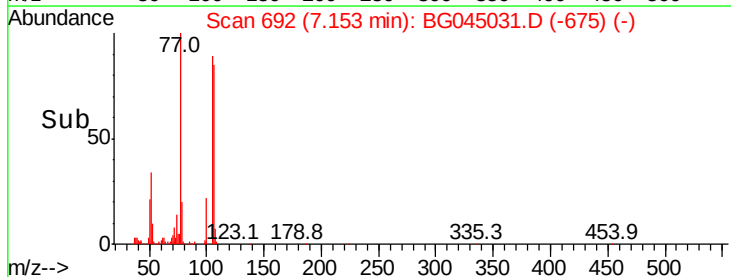
106 85.4 67.6 107.6

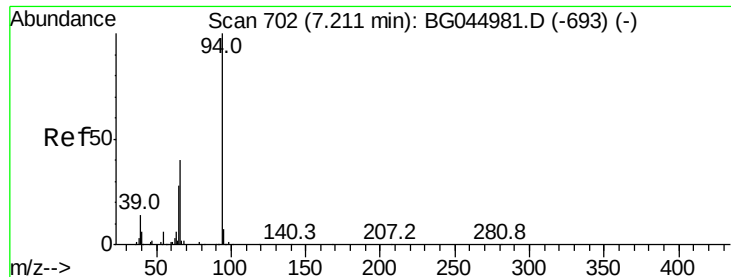


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

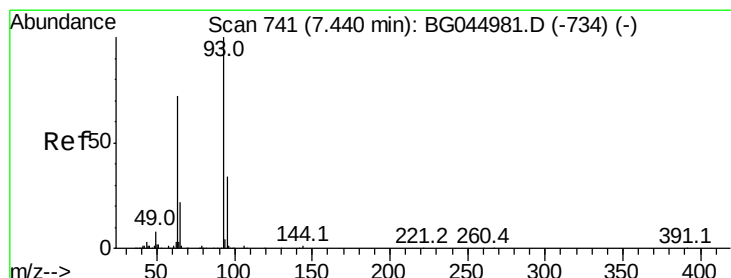
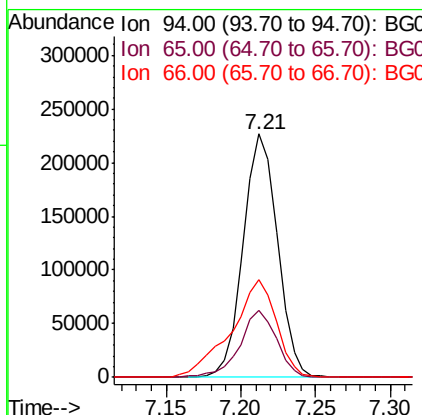
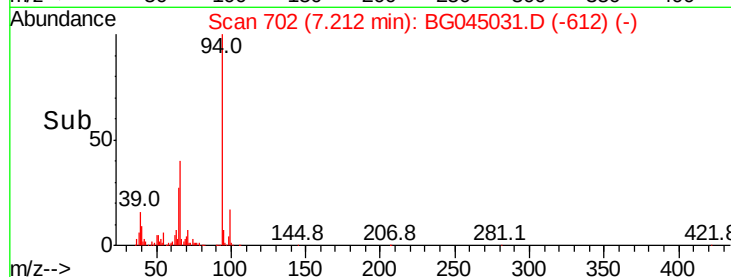
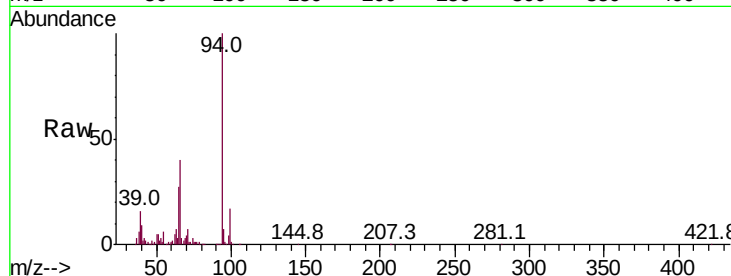




#10
Phenol
Concen: 63.393 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

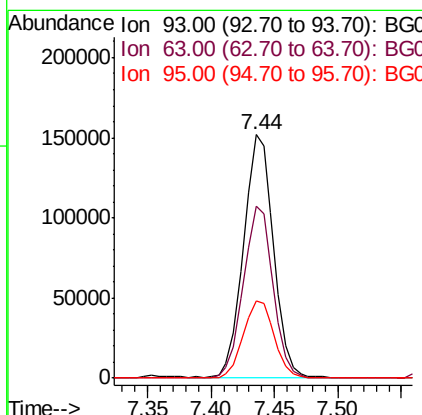
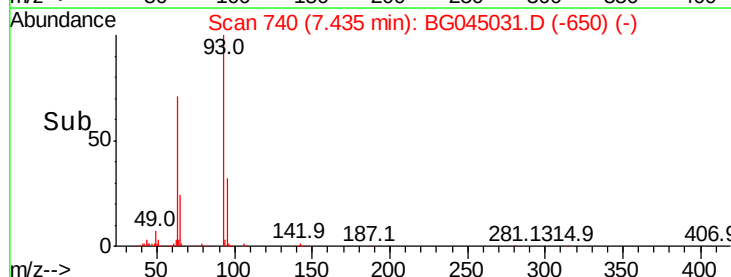
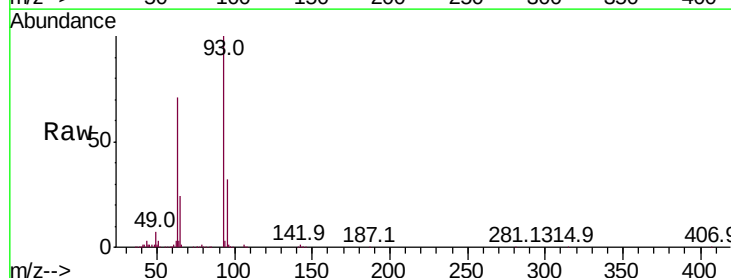
Instrument :
BNA_G
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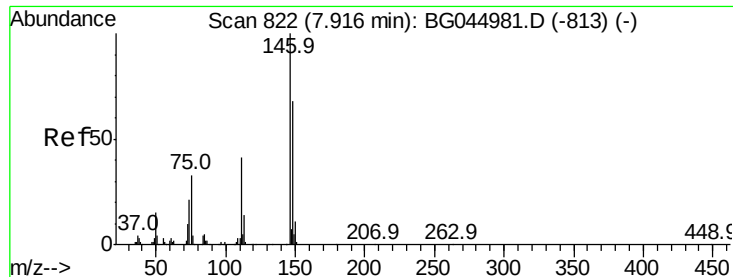
Tot Ion: 94 Resp: 359788
Ion Ratio Lower Upper
94 100
65 27.3 8.2 48.2
66 40.0 20.4 60.4



#11
bis(2-Chloroethyl)ether
Concen: 55.069 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion: 93 Resp: 248842
Ion Ratio Lower Upper
93 100
63 70.7 51.8 91.8
95 31.7 13.8 53.8

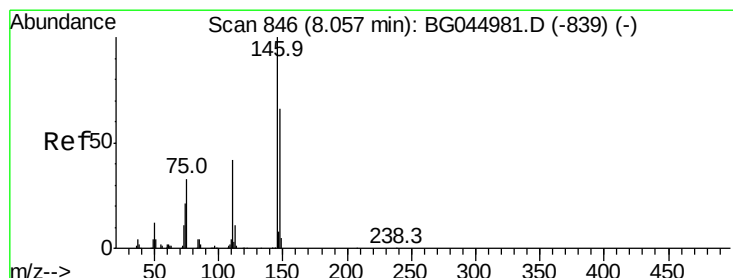
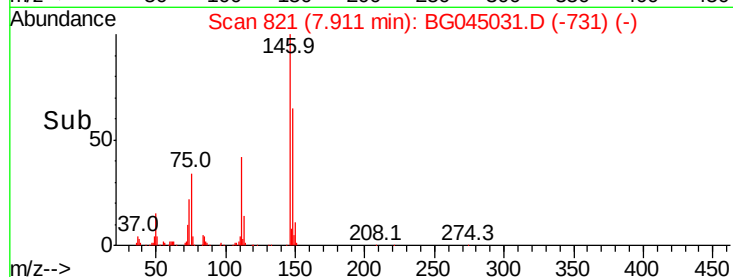
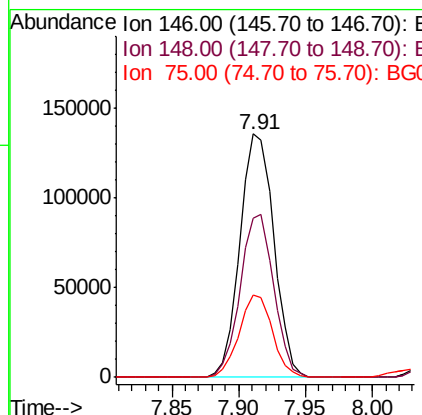
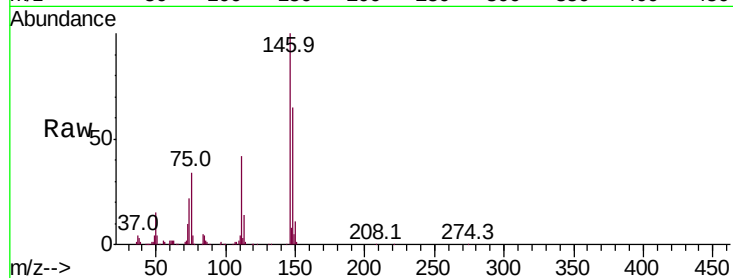




#12
 1,3-Dichlorobenzene
 Concen: 49.439 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

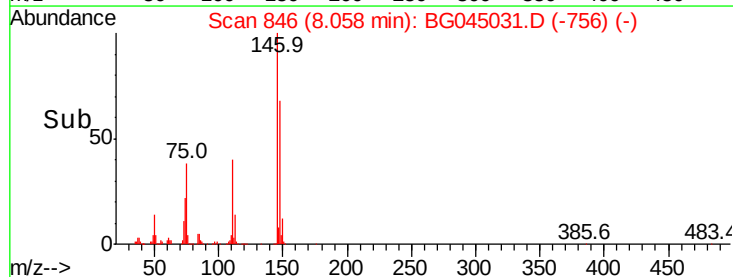
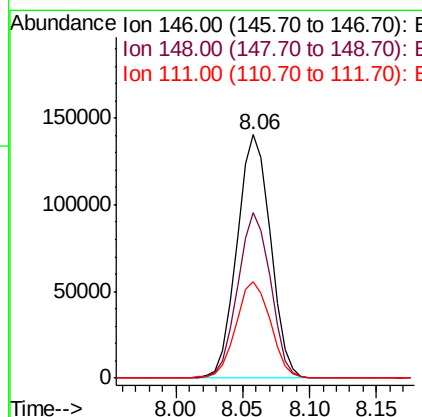
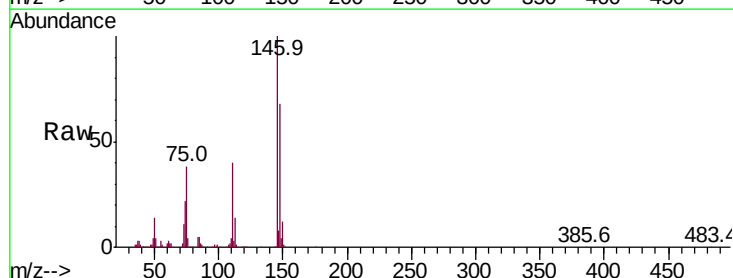
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

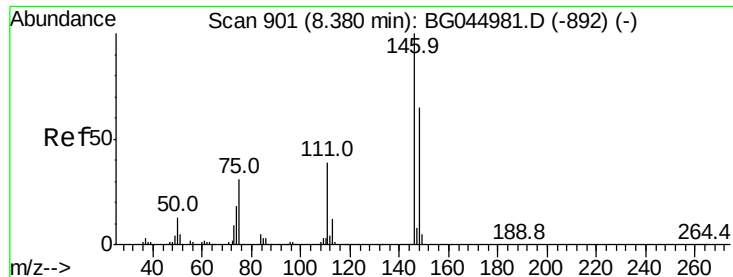
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	54.6	81.8
75	33.6	26.0	39.0



#13
 1,4-Dichlorobenzene
 Concen: 50.483 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	53.3	79.9
111	39.9	33.8	50.8

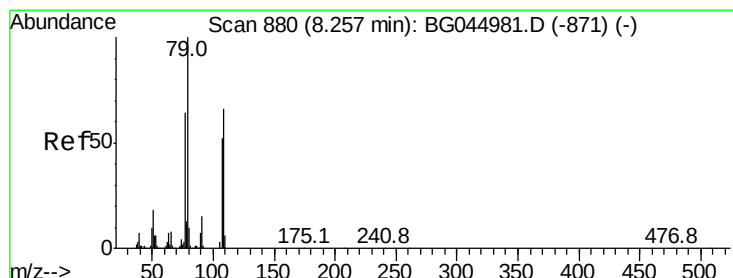
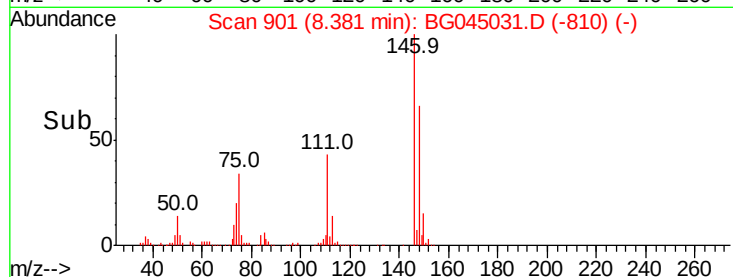
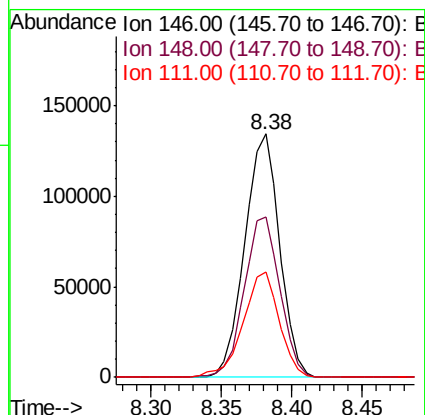
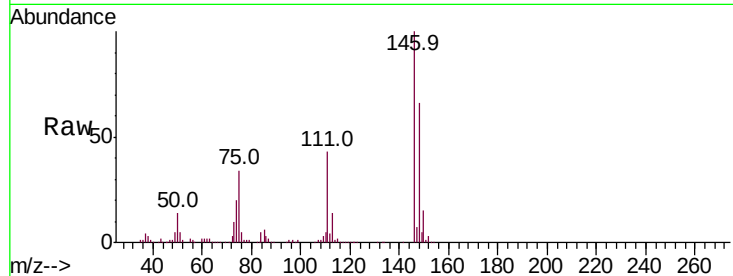




#14
 1,2-Dichlorobenzene
 Concen: 50.469 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

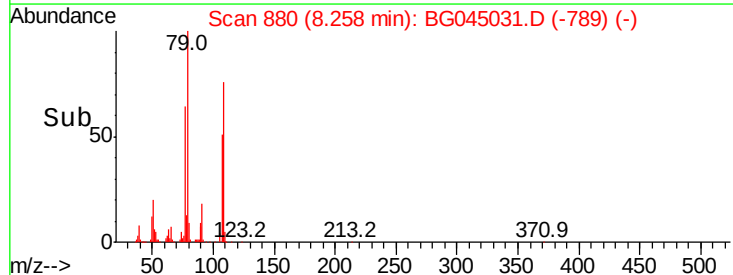
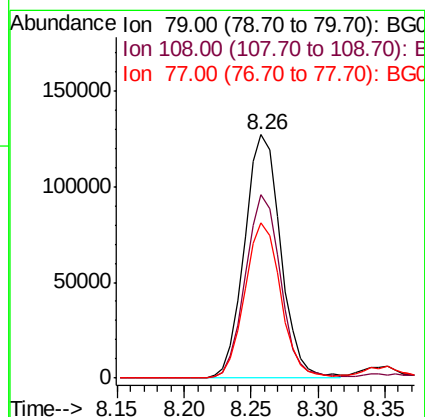
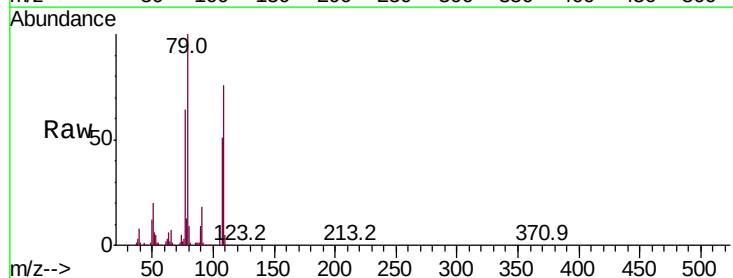
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

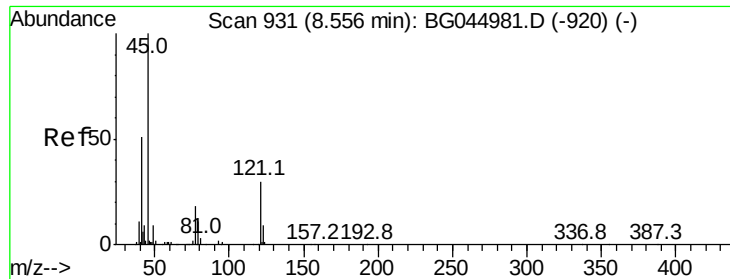
Tot Ion:146 Resp: 232588
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 43.3 31.3 46.9



#15
 Benzyl Alcohol
 Concen: 50.101 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion: 79 Resp: 238240
 Ion Ratio Lower Upper
 79 100
 108 75.6 52.7 79.1
 77 64.0 51.3 76.9

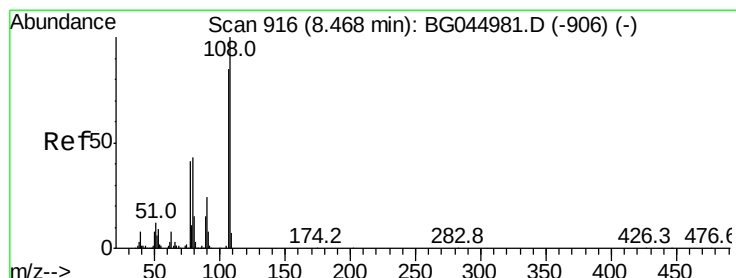
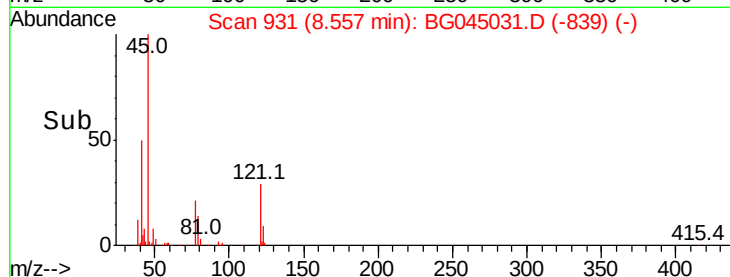
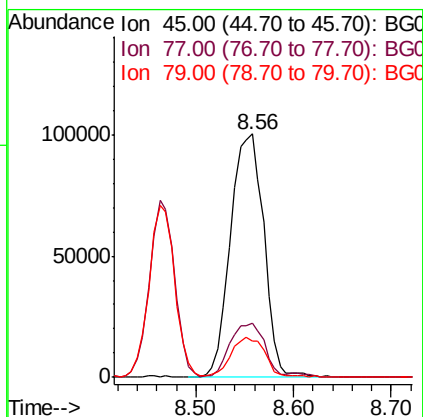
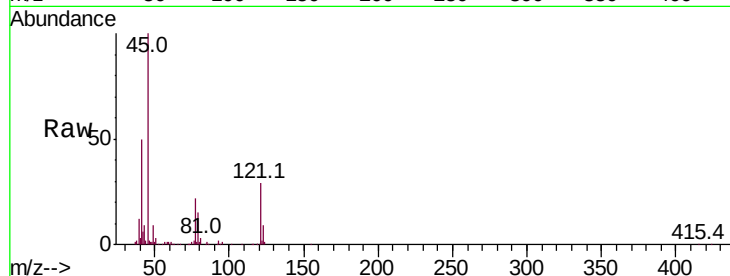




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 53.934 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

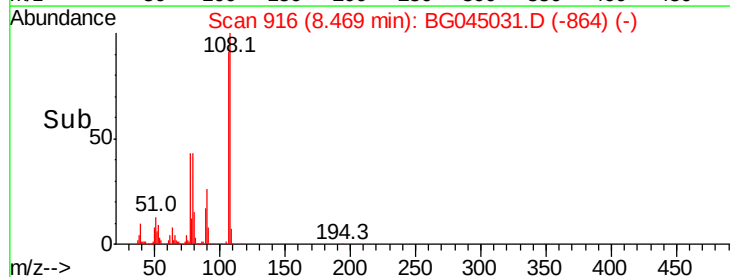
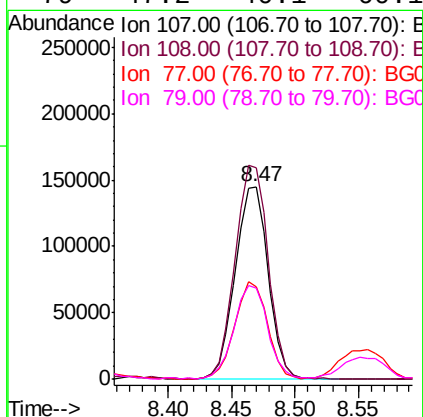
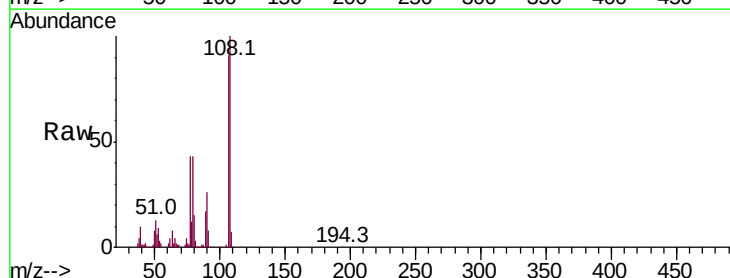
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

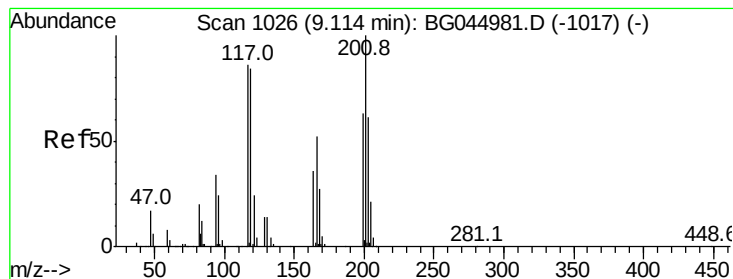
Tot Ion: 45 Resp: 239236
Ion Ratio Lower Upper
45 100
77 22.2 1.9 41.9
79 15.1 0.0 35.5



#17
2-Methylphenol
Concen: 59.584 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion: 107 Resp: 260915
Ion Ratio Lower Upper
107 100
108 110.3 93.8 140.6
77 47.8 38.5 57.7
79 47.2 40.1 60.1





#18

Hexachloroethane

Concen: 50.000 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

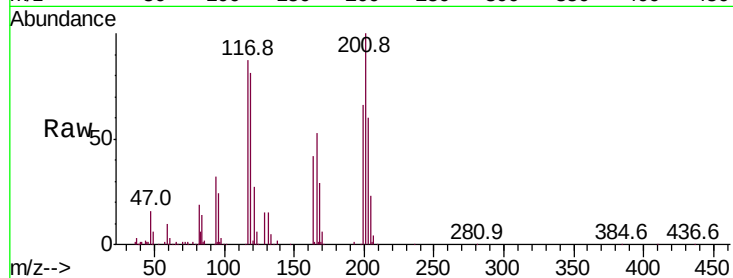
Tot Ion:117 Resp: 90548

Ion Ratio Lower Upper

117 100

119 93.3 78.3 117.5

201 115.3 92.9 139.3

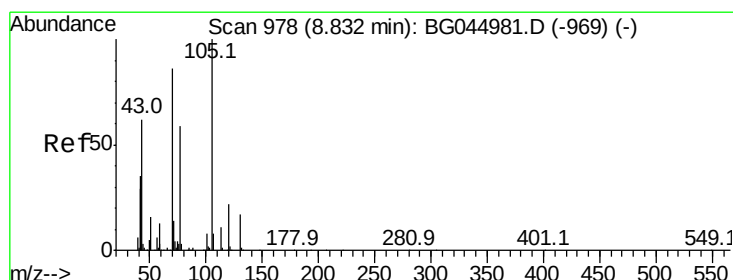
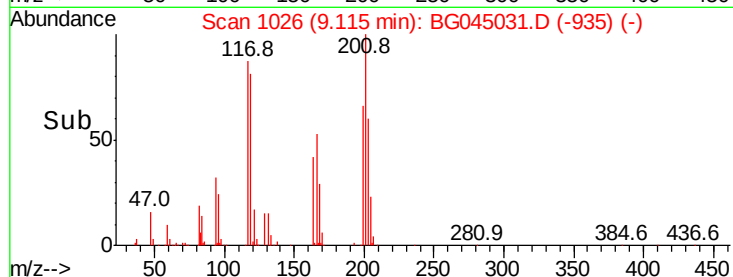
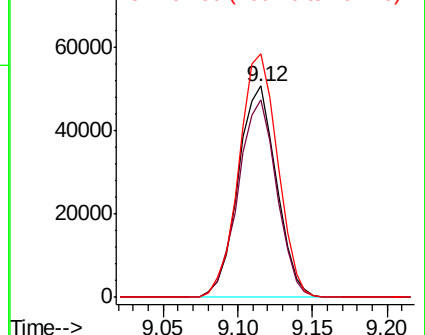


Abundance

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: 60.128 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion: 70 Resp: 241175

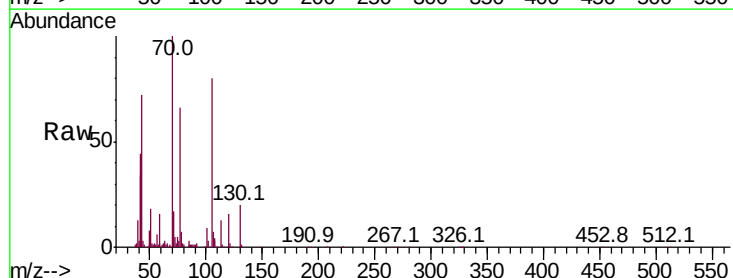
Ion Ratio Lower Upper

70 100

42 43.6 33.3 49.9

101 8.9 7.8 11.8

130 19.6 15.8 23.6



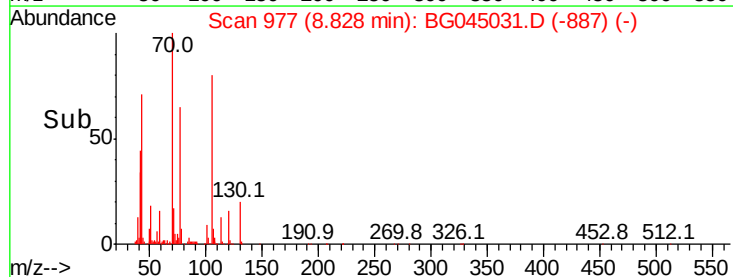
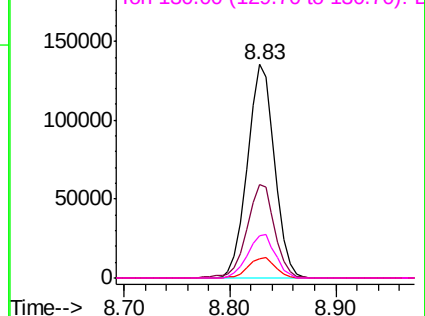
Abundance

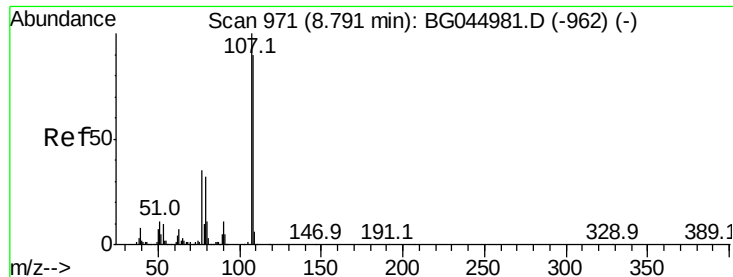
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 60.630 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:107 Resp: 371618

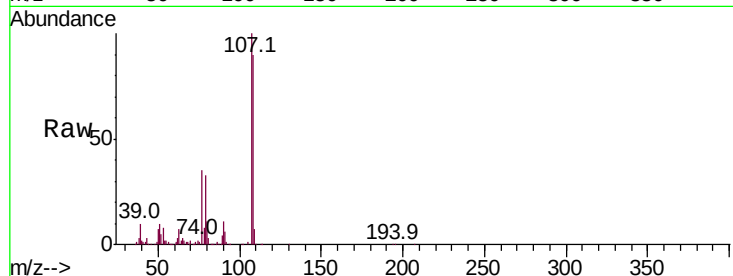
Ion Ratio Lower Upper

107 100

108 90.1 69.9 109.9

77 34.7 15.2 55.2

79 32.9 11.6 51.6



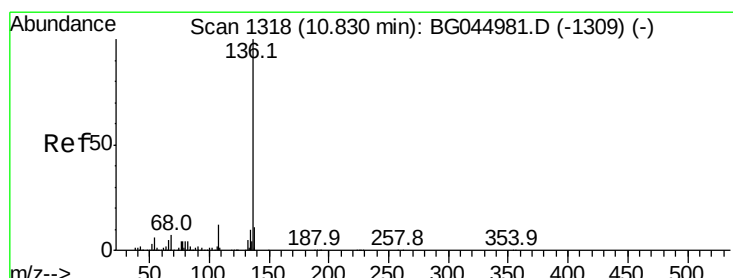
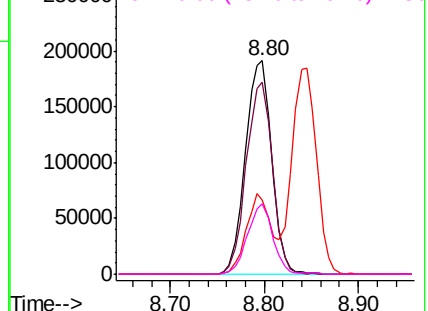
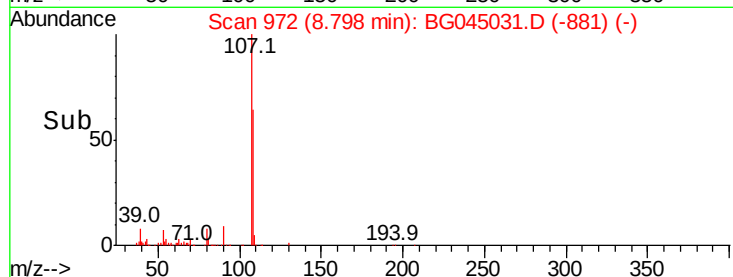
Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:136 Resp: 279358

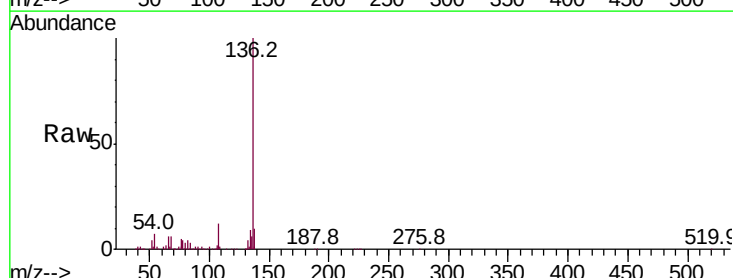
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 7.2 4.8 7.2#

68 5.8 5.2 7.8



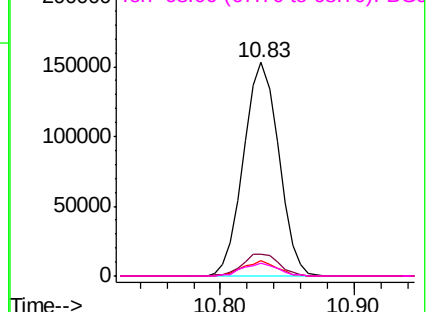
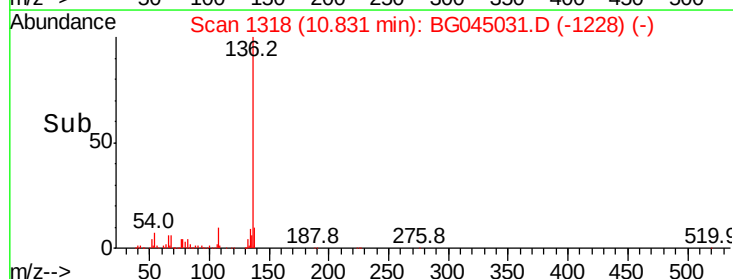
Abundance

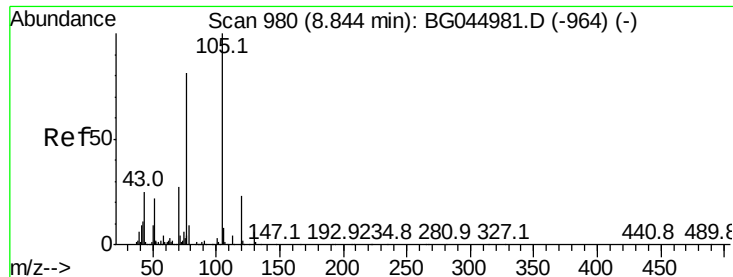
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 56.253 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:105 Resp: 424968

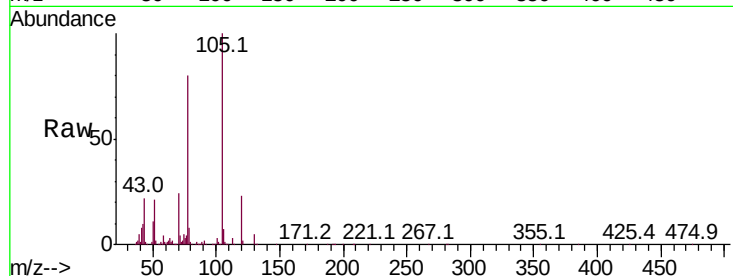
Ion Ratio Lower Upper

105 100

71 3.8 3.3 4.9

51 20.7 17.3 25.9

120 23.1 18.4 27.6

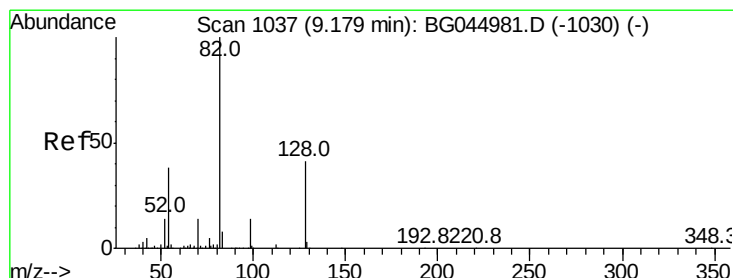
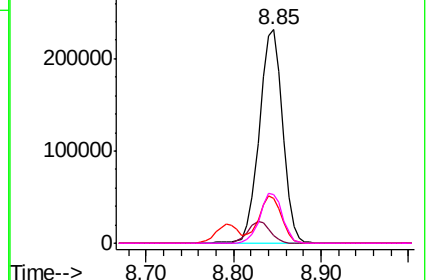
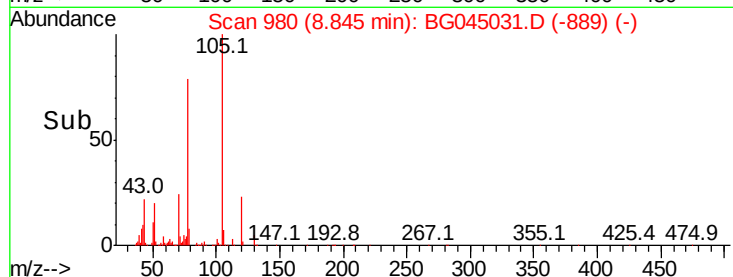


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 102.201 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

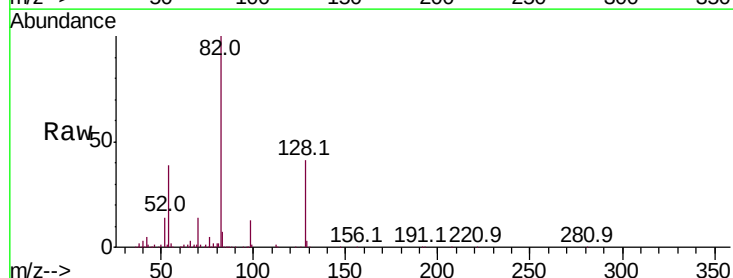
Tgt Ion: 82 Resp: 625713

Ion Ratio Lower Upper

82 100

128 40.6 33.0 49.4

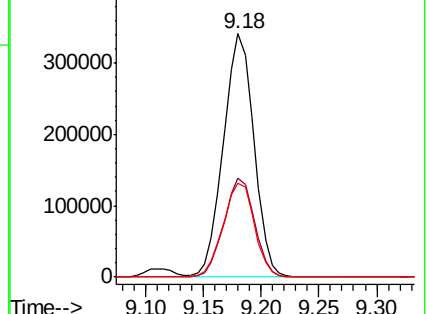
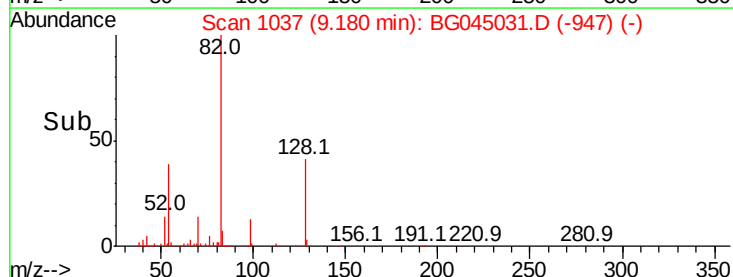
54 38.5 30.4 45.6

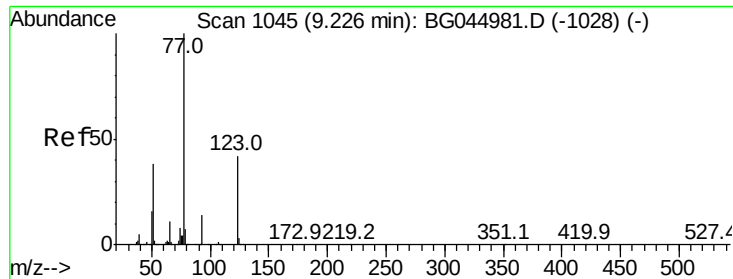


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

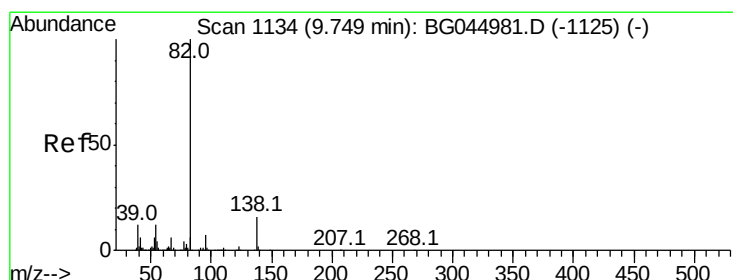
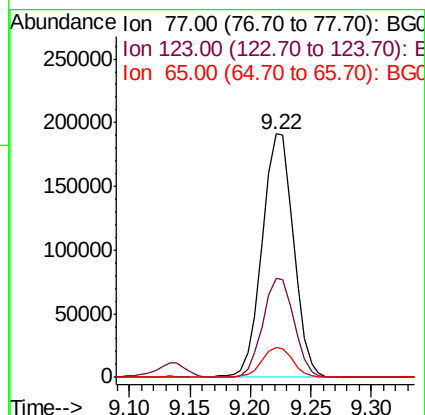
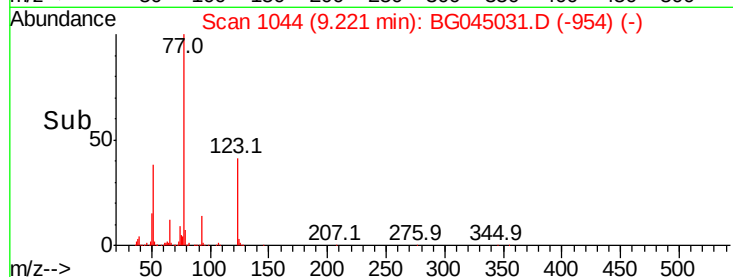
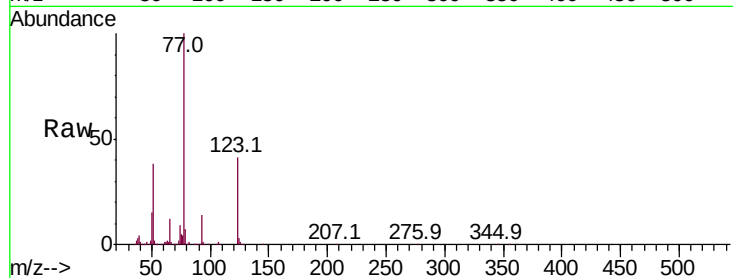




#24
Nitrobenzene
Concen: 54.729 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

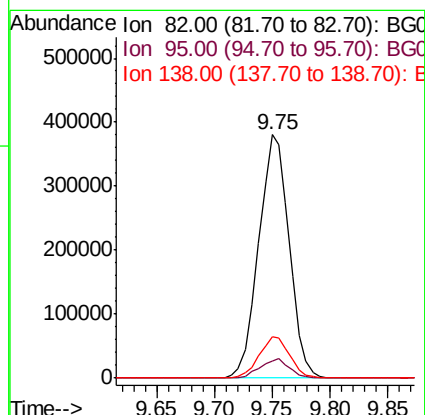
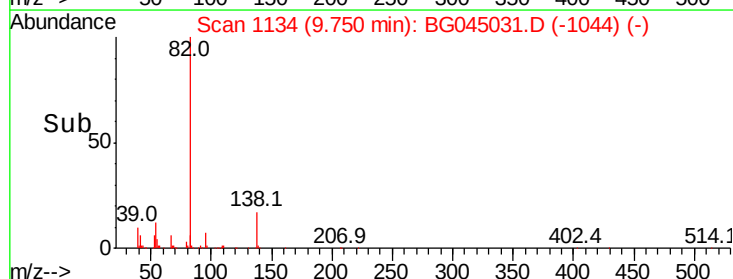
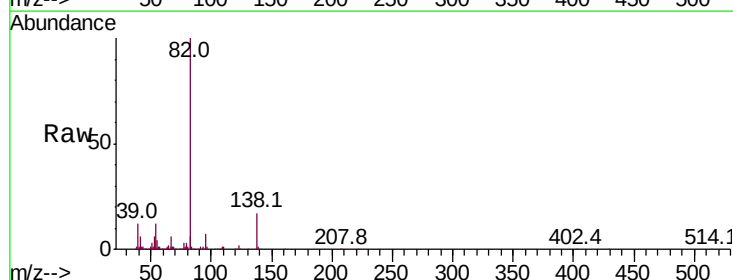
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

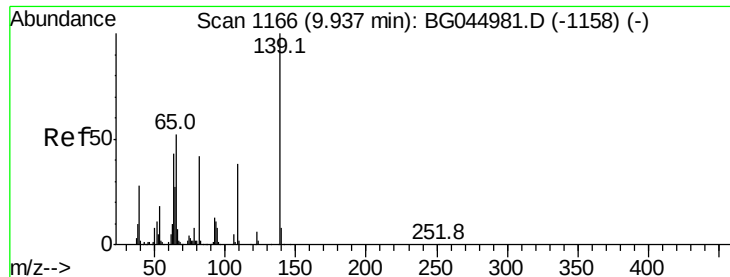
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.9	34.3	51.5
65	12.2	8.9	13.3



#25
Isophorone
Concen: 55.781 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.0	9.0
138	17.1	12.7	19.1





#26

2-Nitrophenol

Concen: 60.221 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

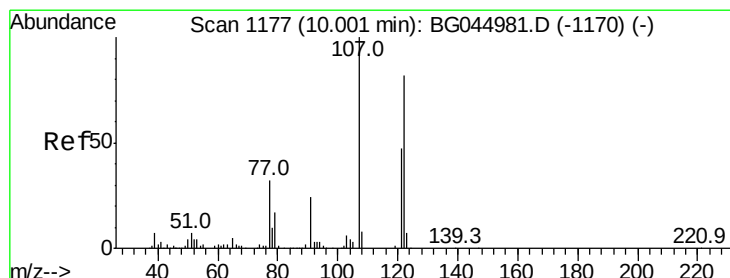
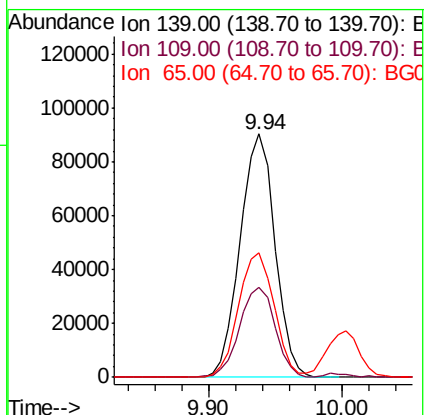
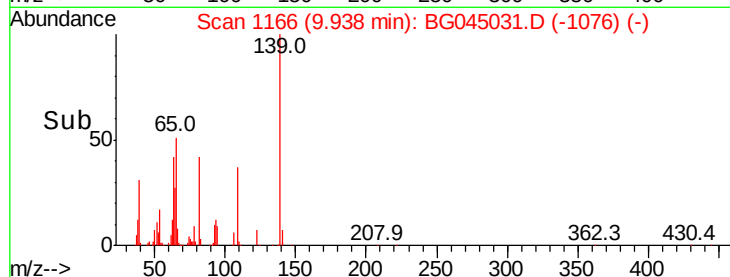
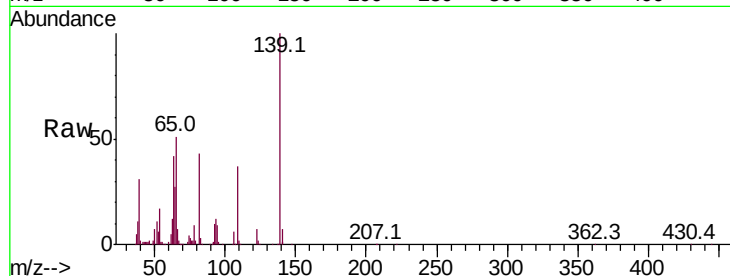
Tot Ion:139 Resp: 162792

Ion Ratio Lower Upper

139 100

109 37.1 30.6 45.8

65 51.0 41.8 62.6



#27

2,4-Dimethylphenol

Concen: 64.811 ng

RT: 10.00 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

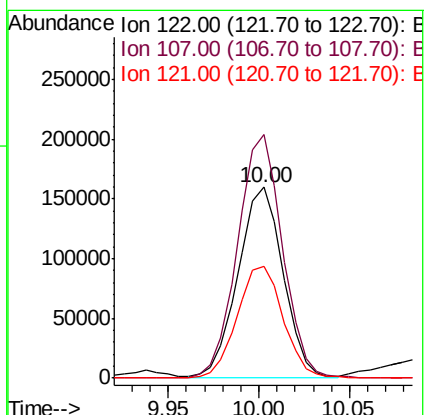
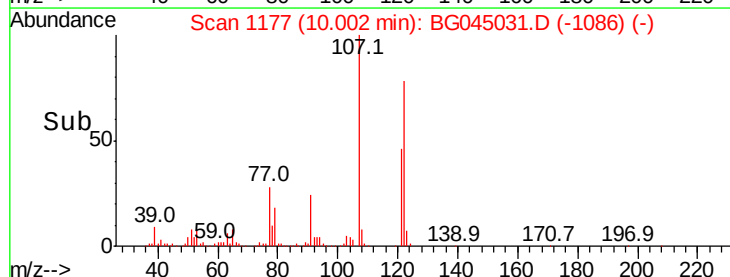
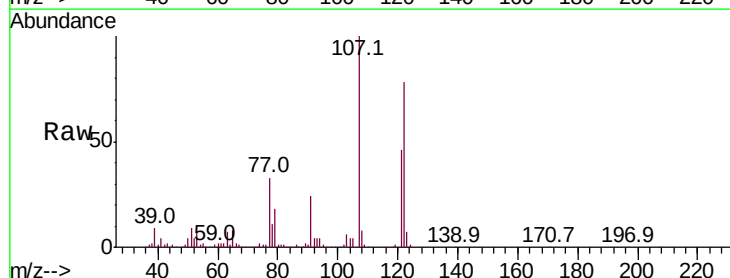
Tgt Ion:122 Resp: 277990

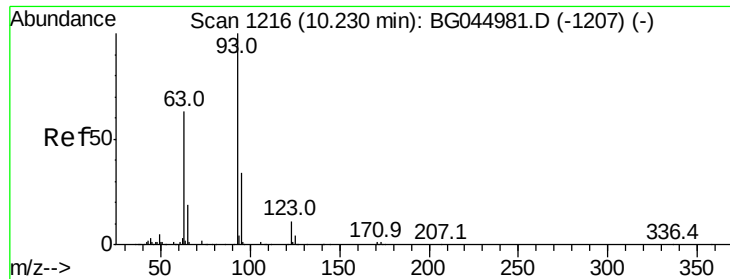
Ion Ratio Lower Upper

122 100

107 127.8 96.8 145.2

121 58.5 45.6 68.4

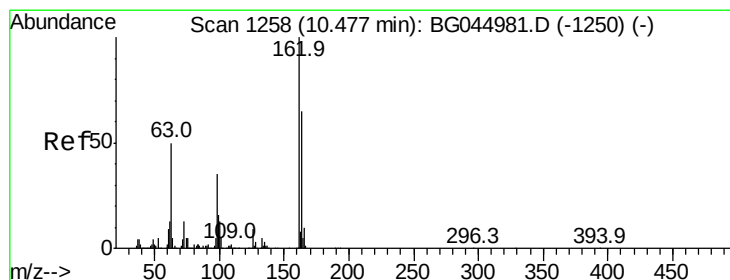
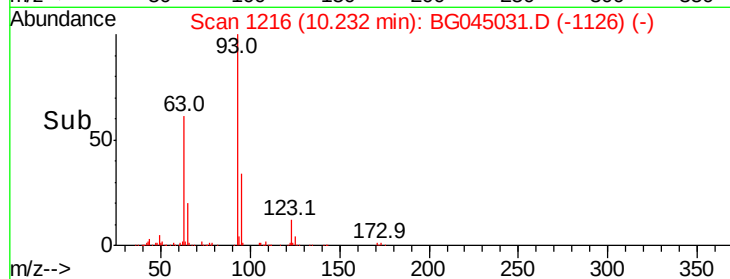
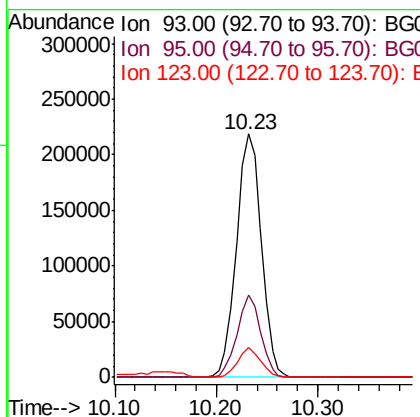
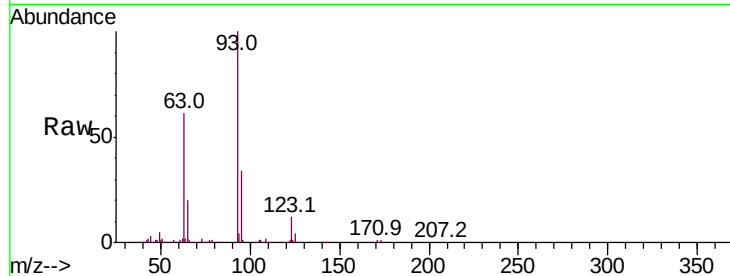




#28
 bis(2-Chloroethoxy)methane
 Concen: 56.608 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

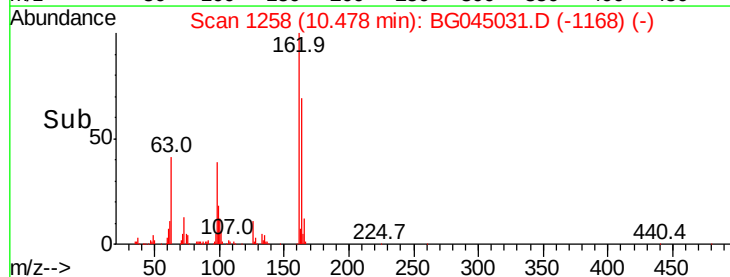
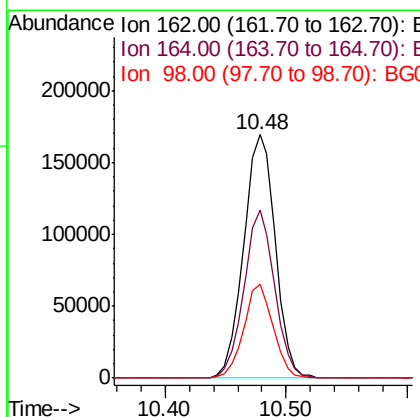
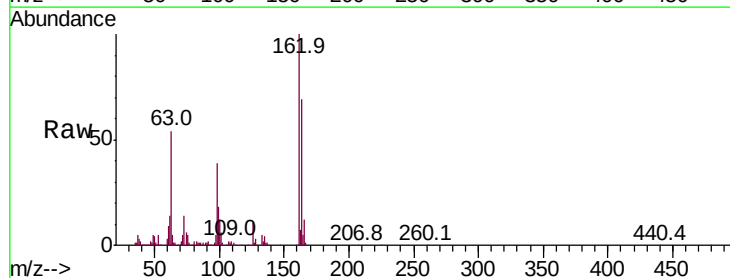
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

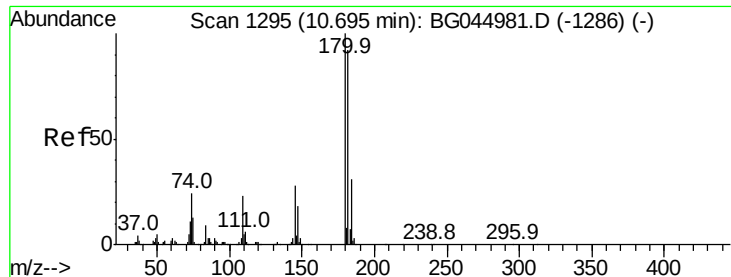
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	12.0	8.7	13.1



#29
 2,4-Dichlorophenol
 Concen: 62.432 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.2	45.0	85.0
98	38.6	15.2	55.2





#30

1,2,4-Trichlorobenzene

Concen: 51.841 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

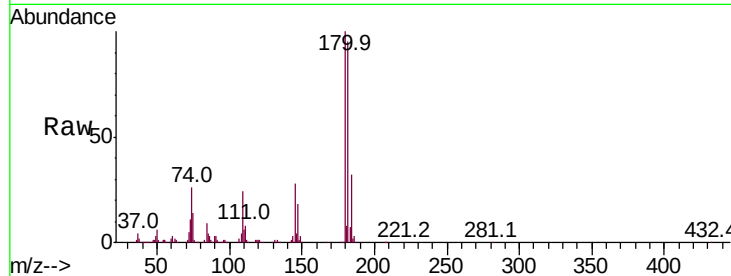
Tot Ion:180 Resp: 290704

Ion Ratio Lower Upper

180 100

182 94.8 73.3 109.9

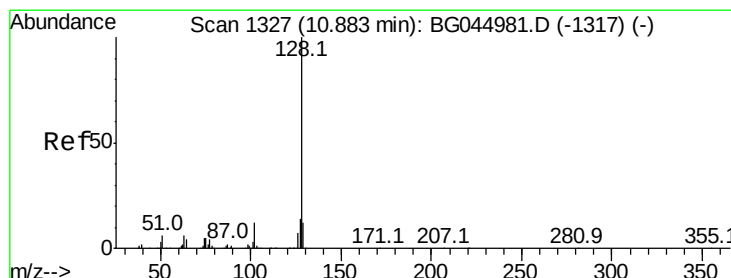
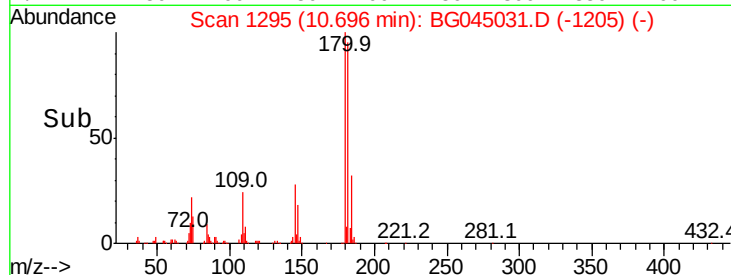
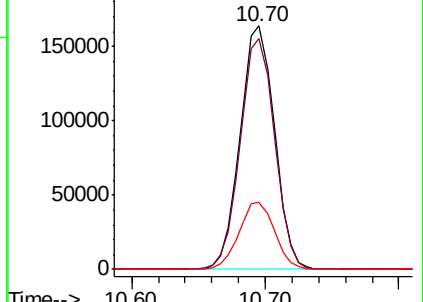
145 27.7 22.6 33.8



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: 53.403 ng

RT: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

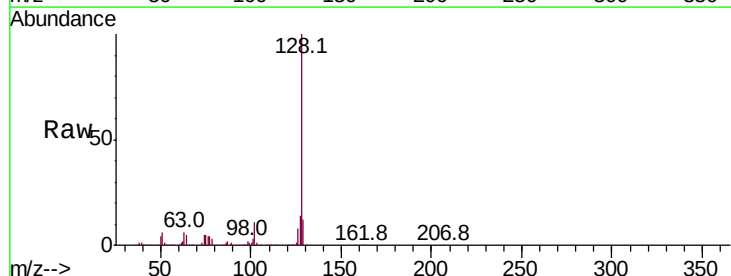
Tgt Ion:128 Resp: 816118

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

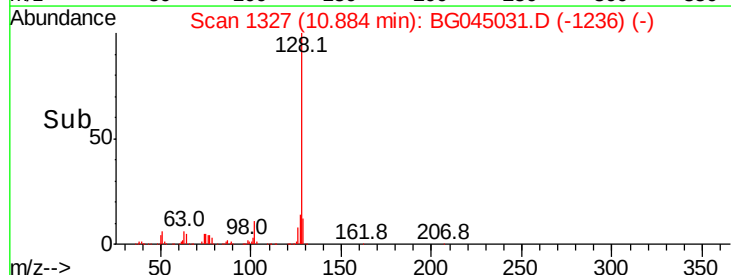
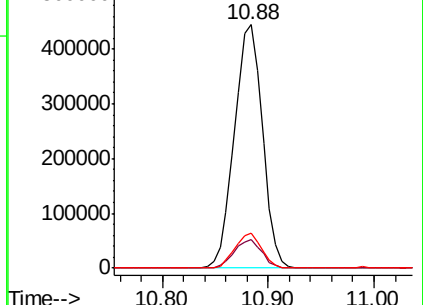
127 14.2 10.8 16.2

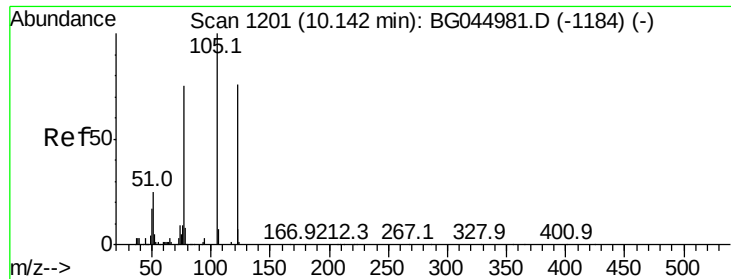


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

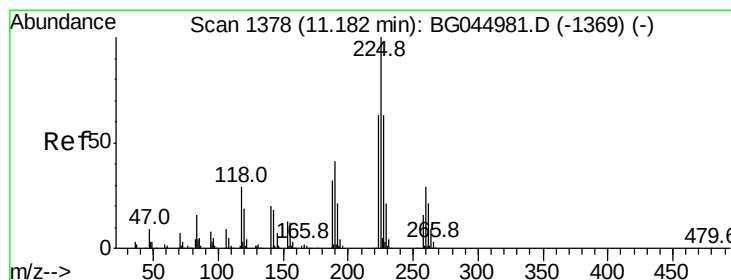
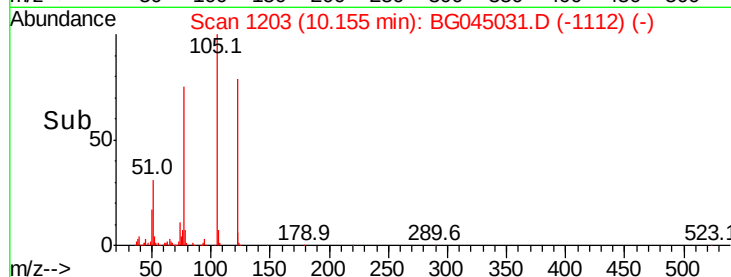
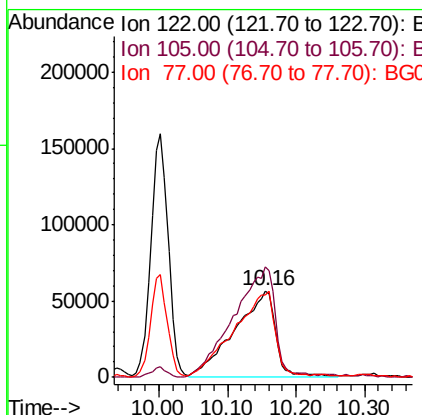
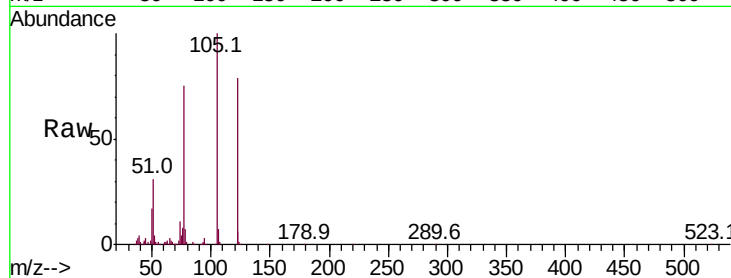




#32
Benzoic acid
Concen: 65.661 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

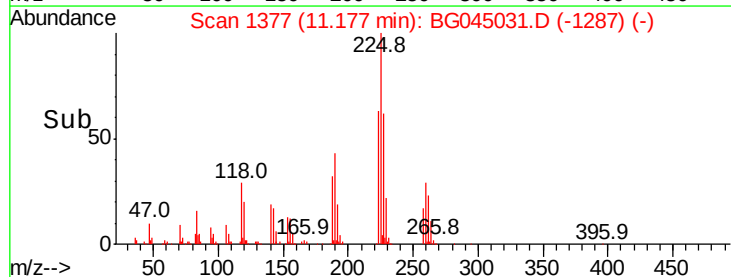
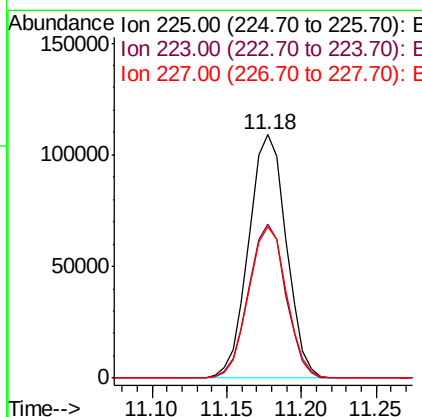
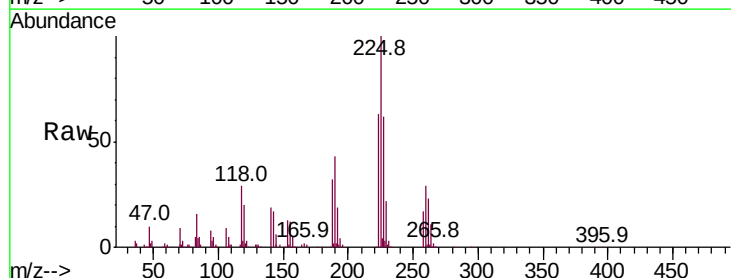
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

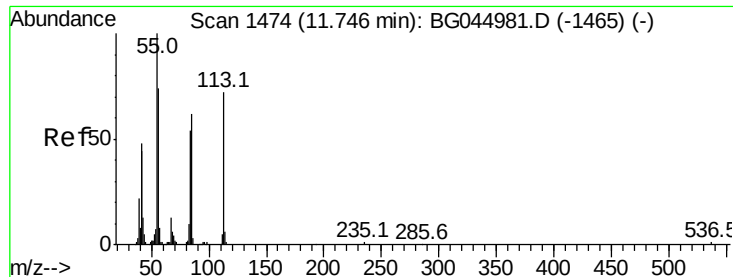
Tot Ion	Ratio	Lower	Upper
122	100		
105	127.4	108.4	148.4
77	95.2	78.8	118.8



#34
Hexachlorobutadiene
Concen: 49.380 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	62.5	50.2	75.2





#35

Caprolactam

Concen: 25.482 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

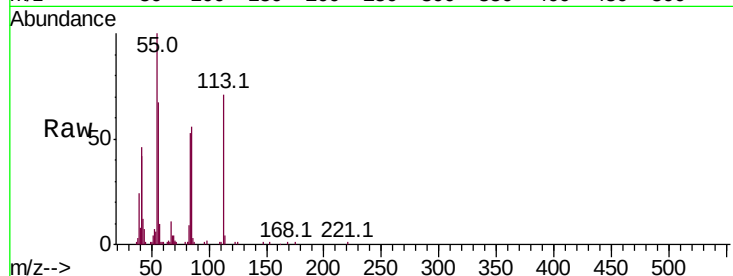
Tot Ion:113 Resp: 50229

Ion Ratio Lower Upper

113 100

55 141.3 118.8 158.8

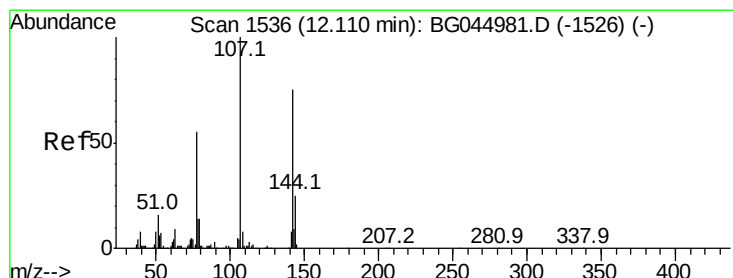
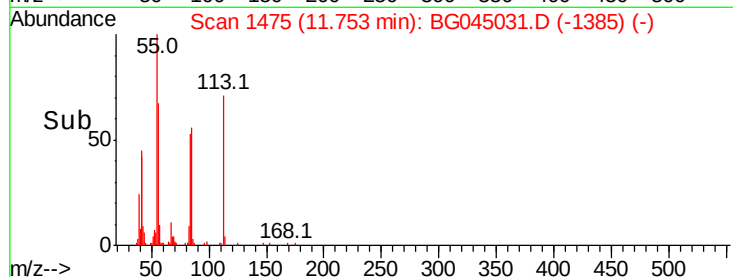
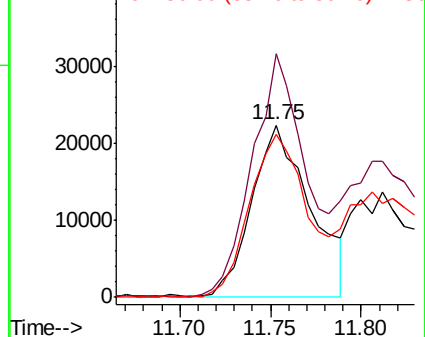
56 94.8 82.6 122.6



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: 64.628 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

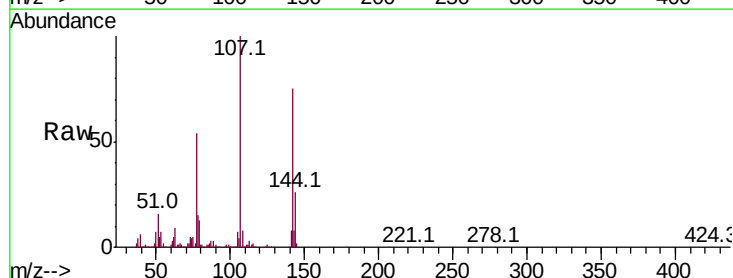
Tgt Ion:107 Resp: 376019

Ion Ratio Lower Upper

107 100

144 25.7 19.8 29.6

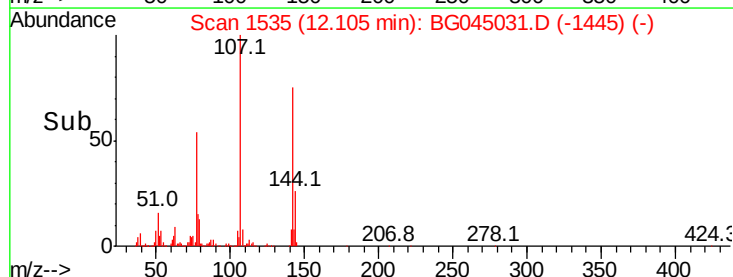
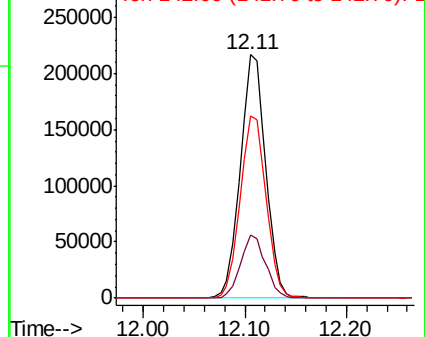
142 74.9 59.7 89.5

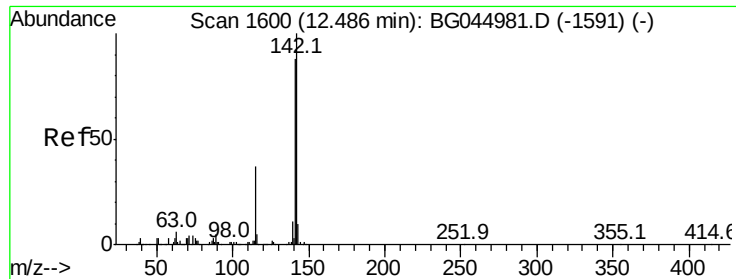


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

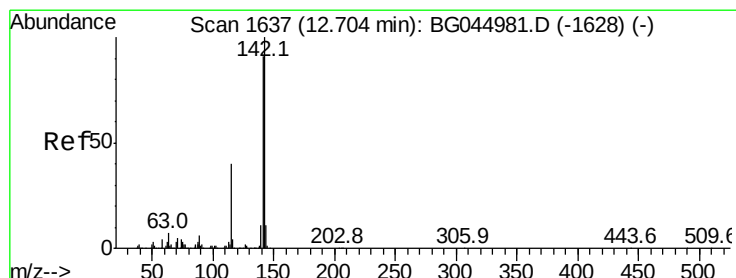
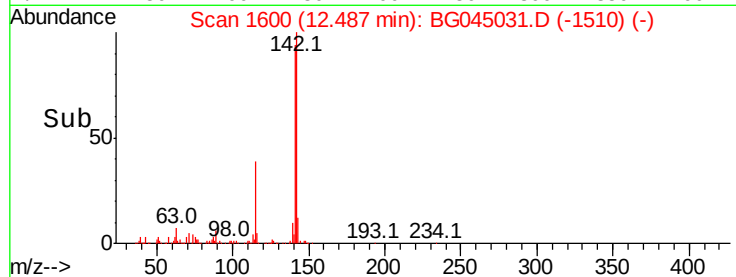
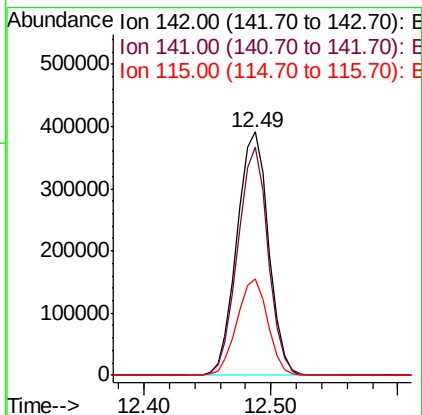
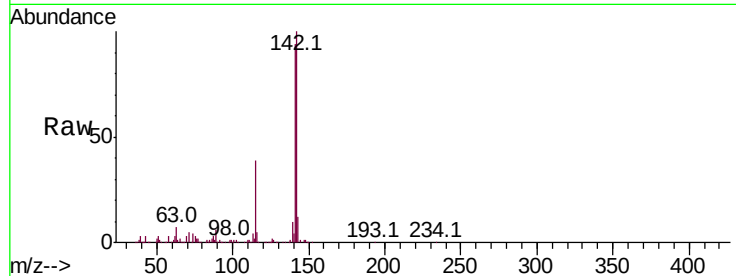




#37
2-Methylnaphthalene
Concen: 56.956 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

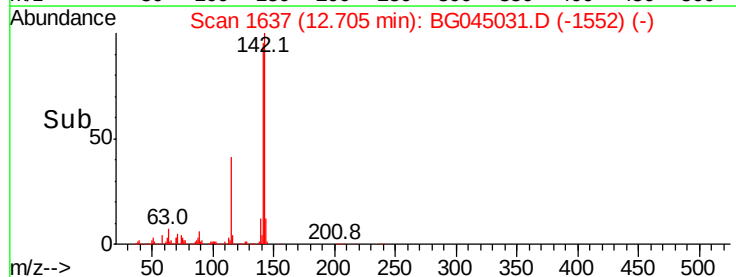
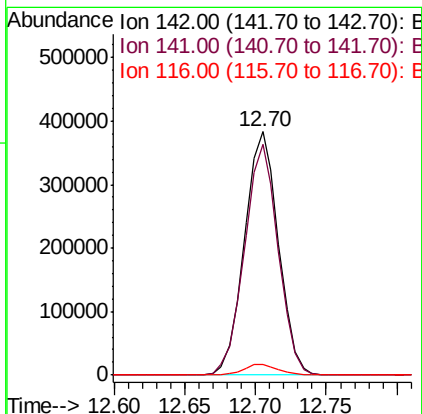
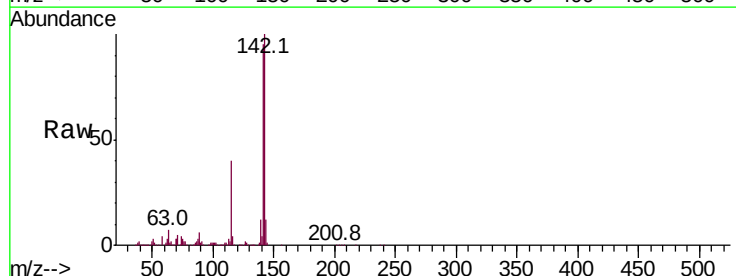
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

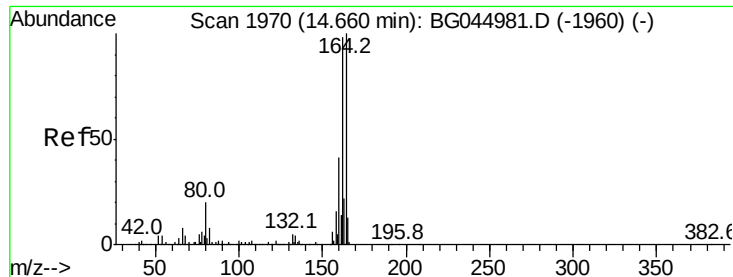
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.3	105.5
115	39.4	29.8	44.6



#38
1-Methylnaphthalene
Concen: 57.515 ng
RT: 12.70 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

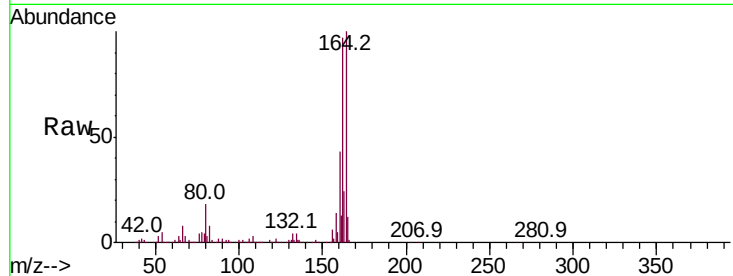
Tot Ion:164 Resp: 225863

Ion Ratio Lower Upper

164 100

162 96.6 78.7 118.1

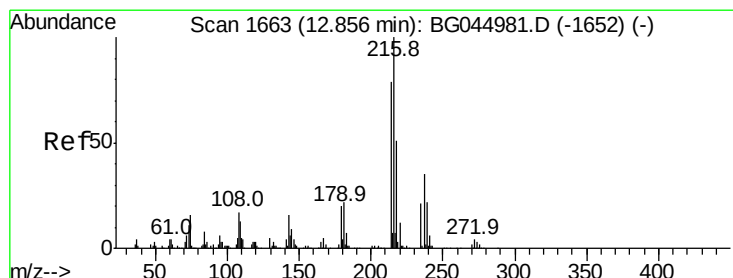
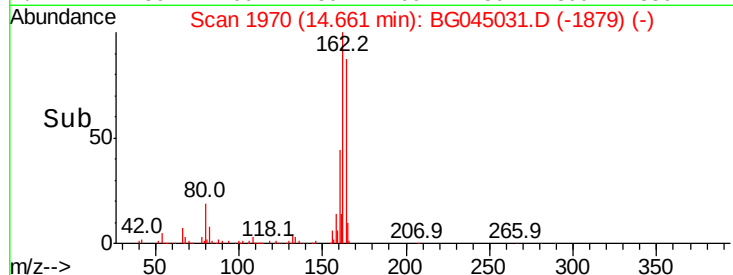
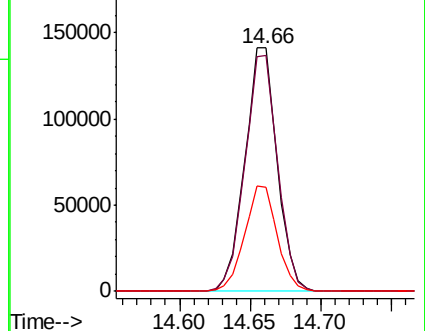
160 42.6 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.821 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:216 Resp: 362306

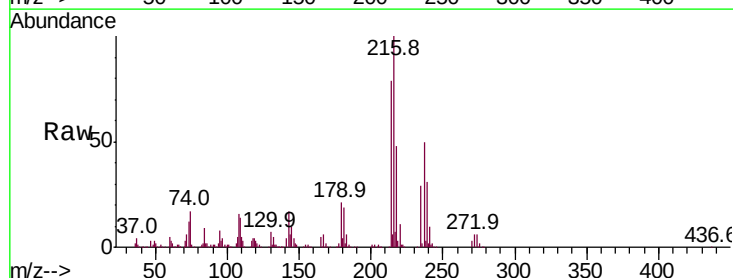
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.6

179 19.7 15.8 23.8

108 19.5 14.2 21.2

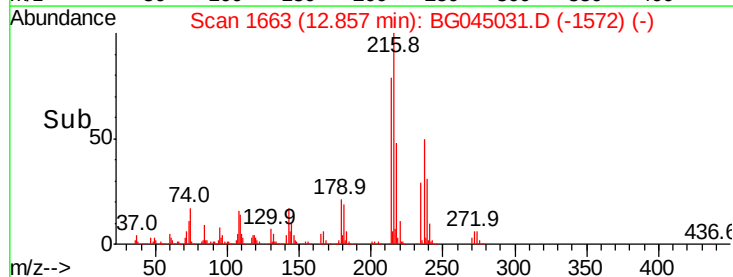
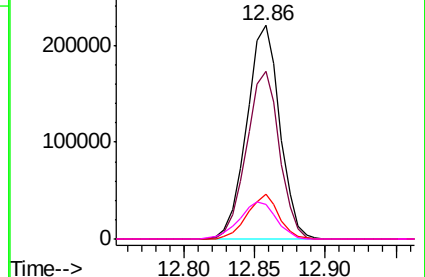


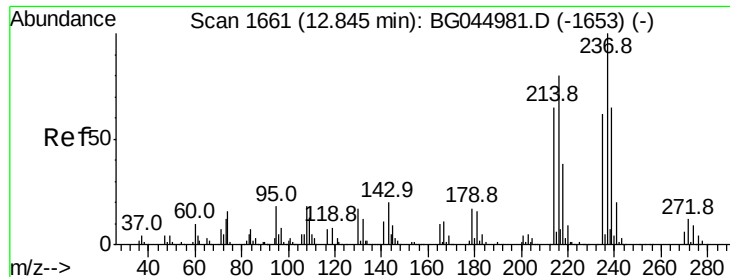
Abundance Ion 216.00 (215.70 to 216.70): E

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: 106.764 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

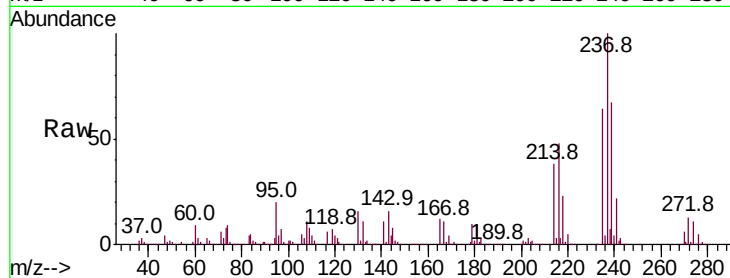
Tot Ion:237 Resp: 485267

Ion Ratio Lower Upper

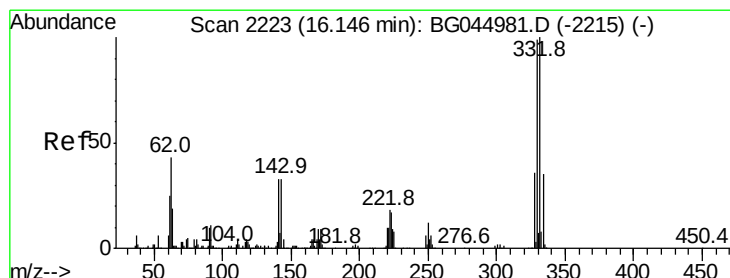
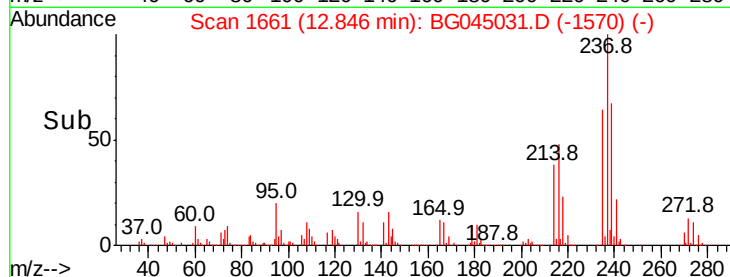
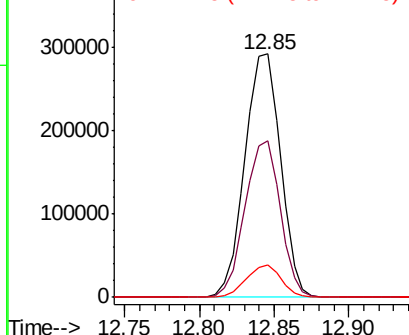
237 100

235 64.3 41.6 81.6

272 13.3 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 154.279 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

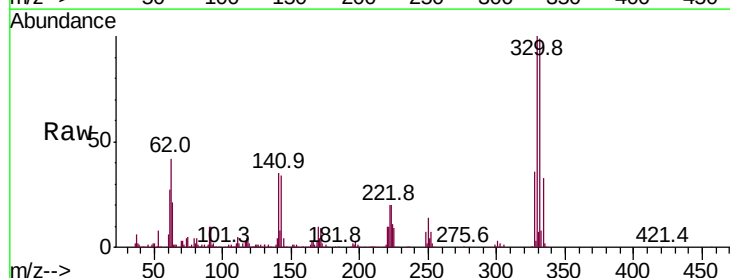
Tgt Ion:330 Resp: 538325

Ion Ratio Lower Upper

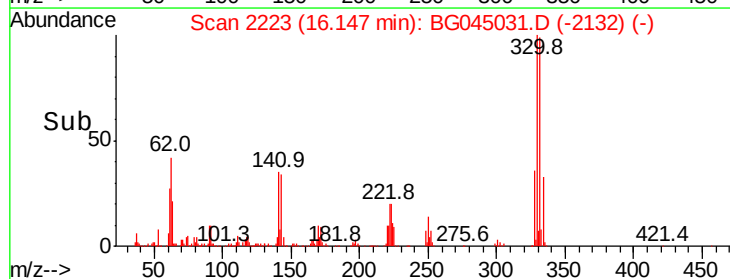
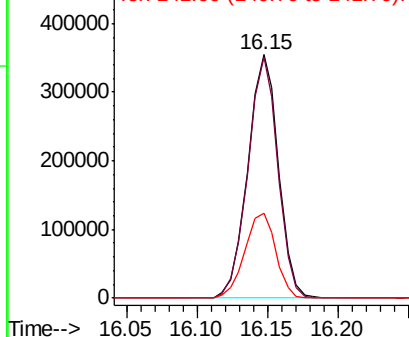
330 100

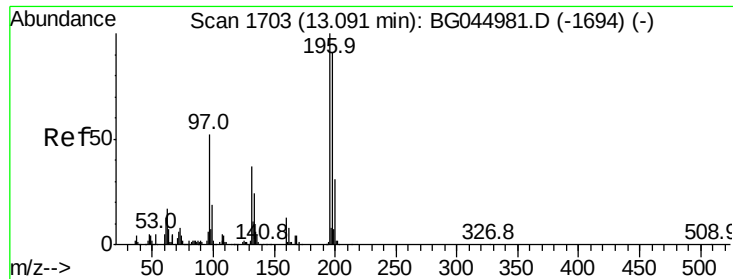
332 97.1 79.1 118.7

141 35.5 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

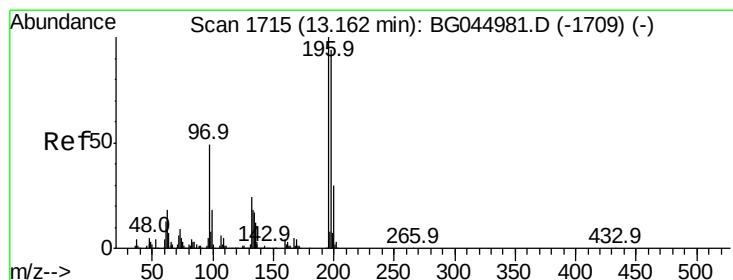
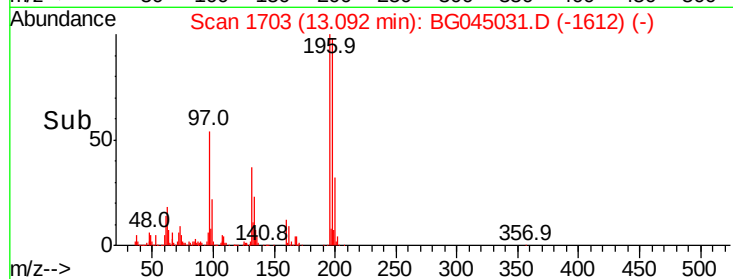
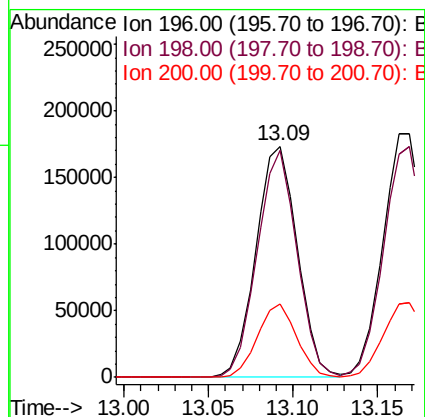
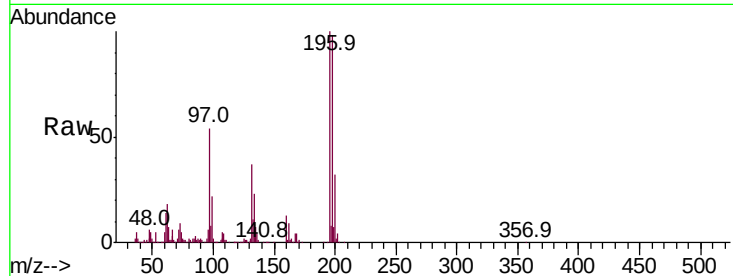




#43
 2,4,6-Trichlorophenol
 Concen: 57.289 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

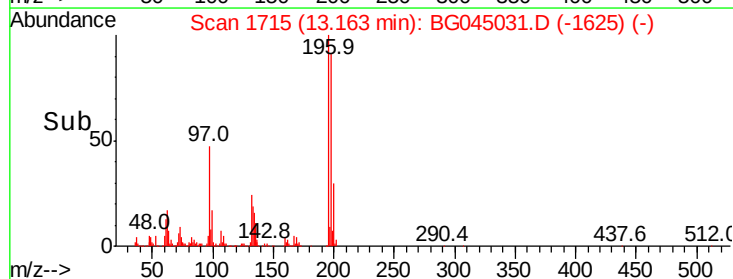
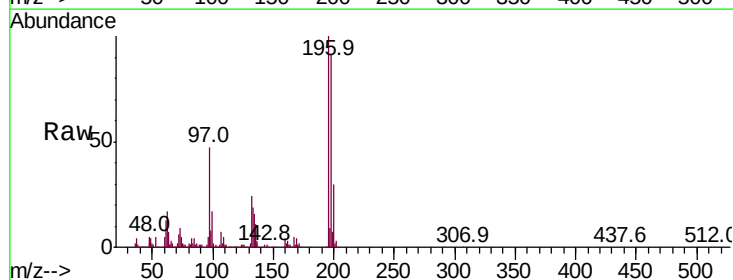
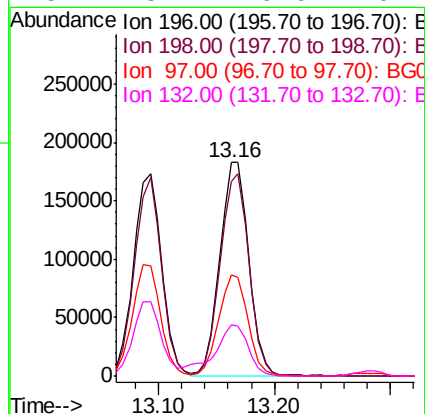
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

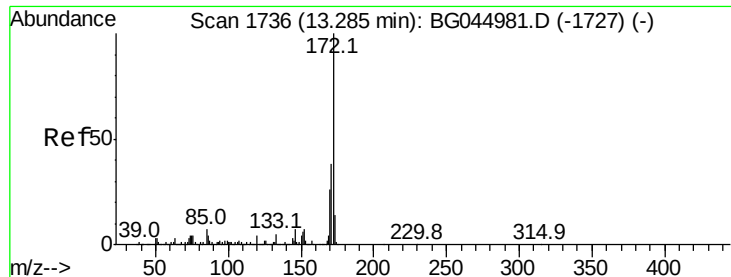
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	72.5	108.7
200	31.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 54.226 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	75.7	113.5
97	47.4	39.6	59.4
132	23.7	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 98.504 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

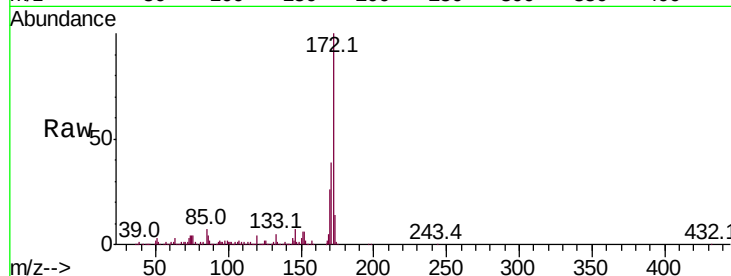
BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:172 Resp: 1517300

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.6	46.0
170	25.7	20.5	30.7

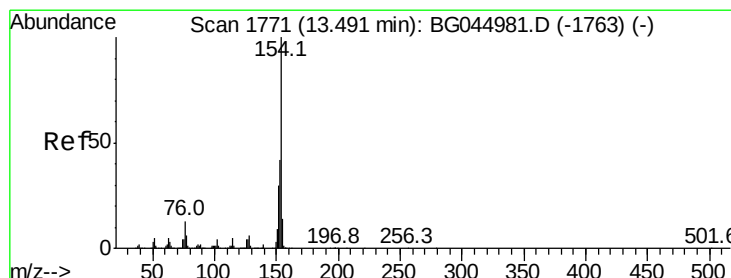
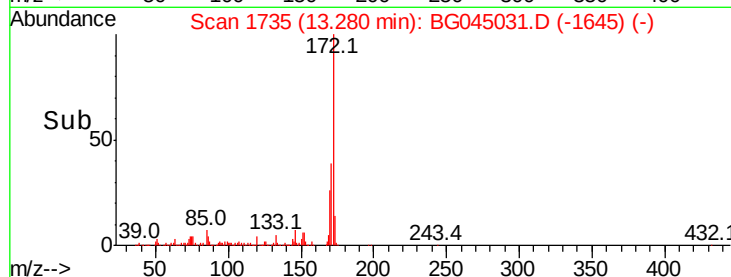
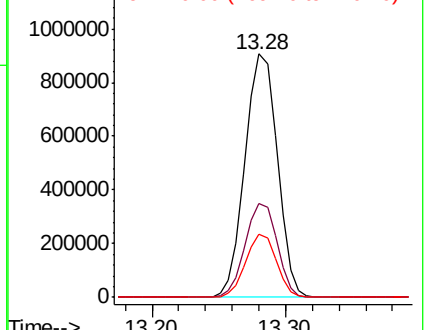


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 51.052 ng

RT: 13.49 min Scan# 1771

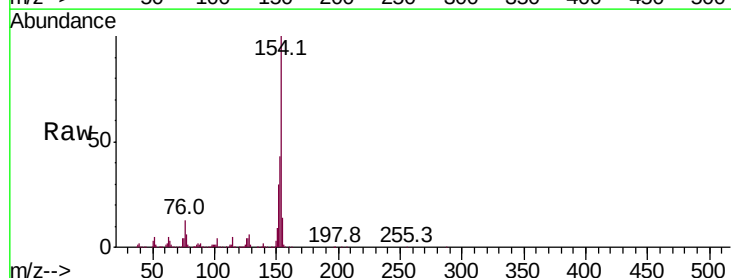
Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:154 Resp: 876413

Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	12.7	0.0	33.1

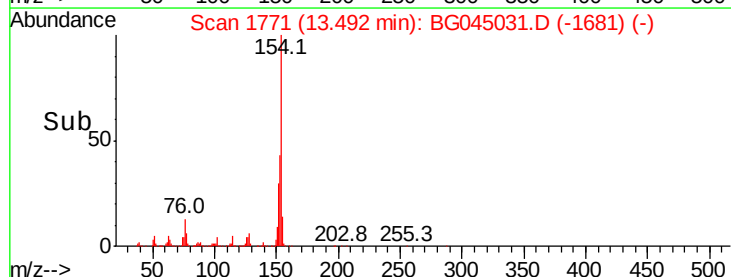
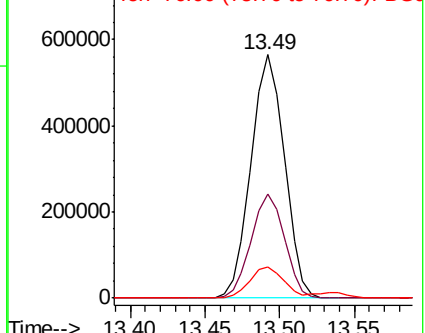


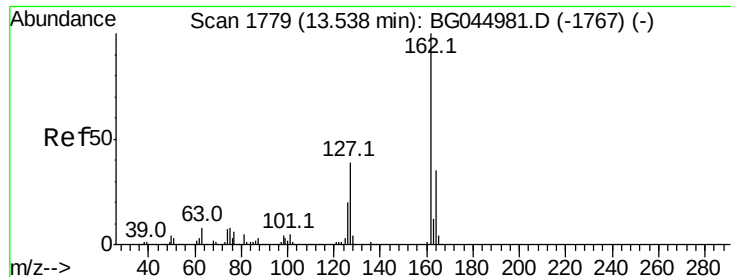
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

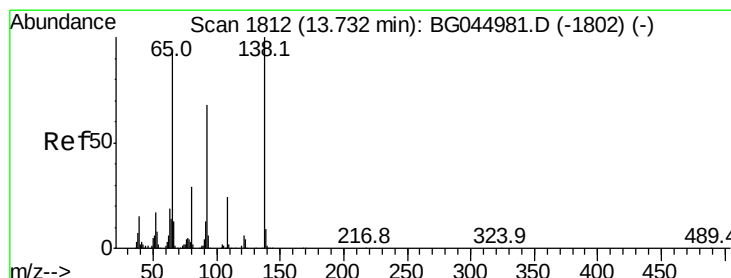
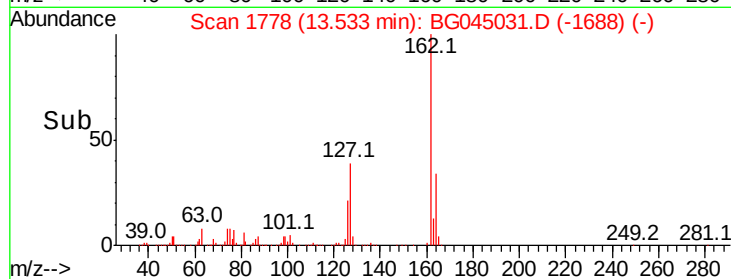
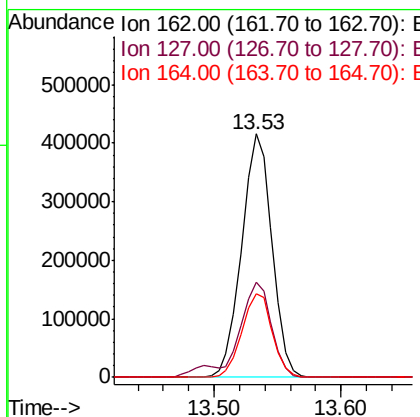
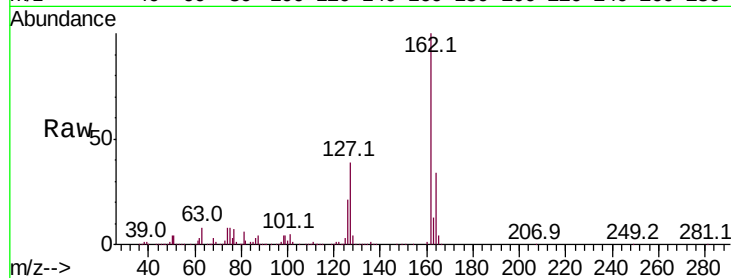




#47
 2-Chloronaphthalene
 Concen: 52.230 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

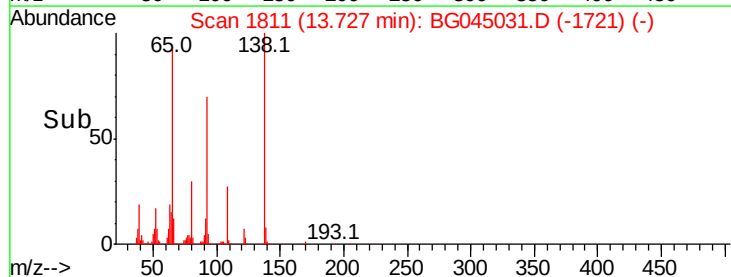
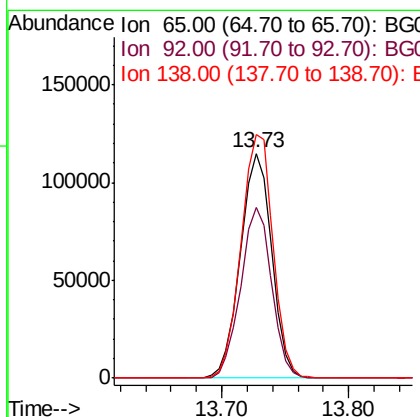
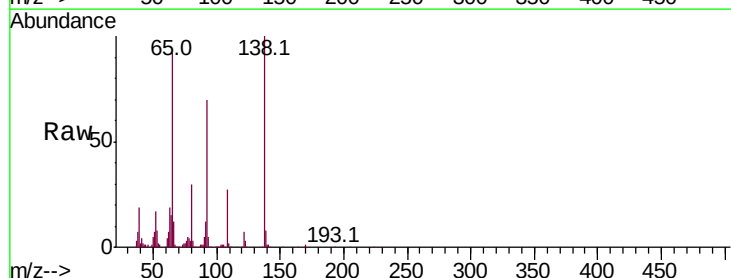
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

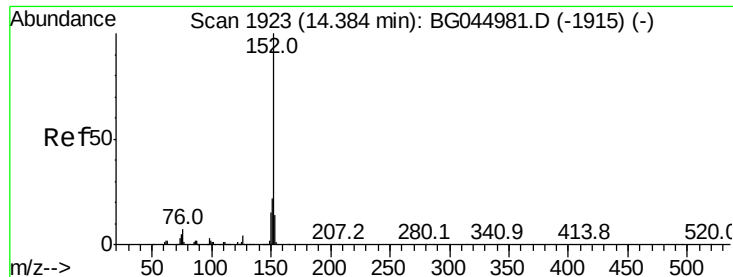
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	34.2	27.8	41.8



#48
 2-Nitroaniline
 Concen: 45.644 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	58.3	87.5
138	108.5	85.6	128.4





#49

Acenaphthylene

Concen: 52.593 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

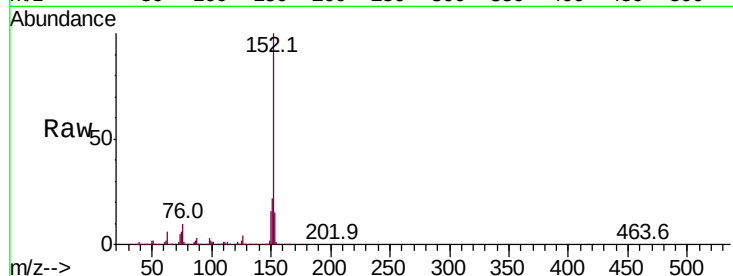
BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:152 Resp: 1123722

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.2	25.8
153	14.5	11.0	16.4

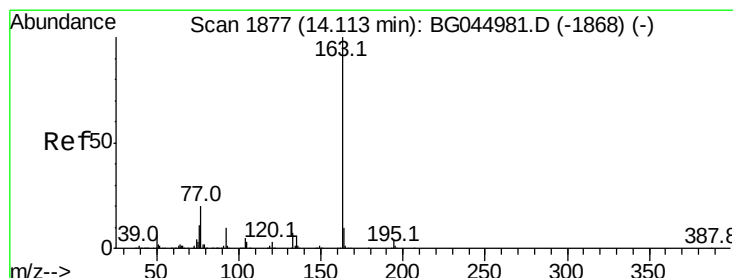
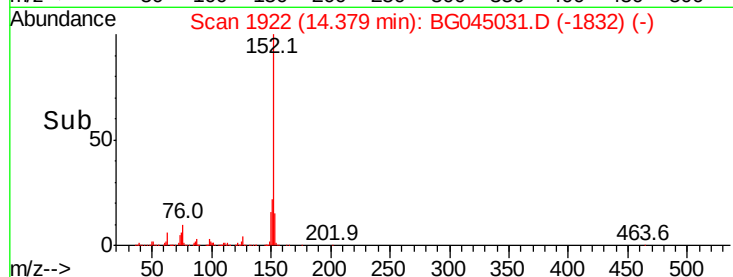
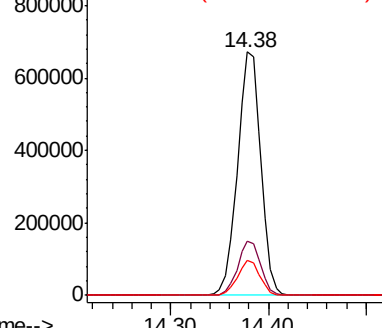


Abundance

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: 55.172 ng

RT: 14.11 min Scan# 1877

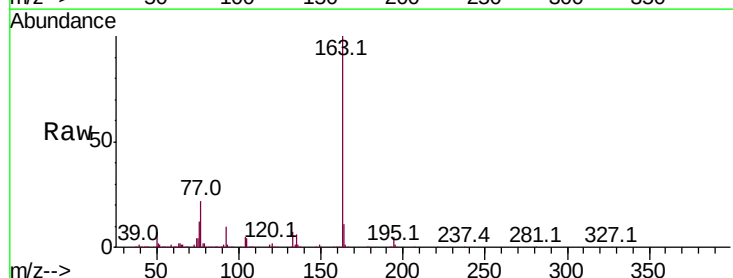
Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:163 Resp: 1014657

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.8	8.2	12.4

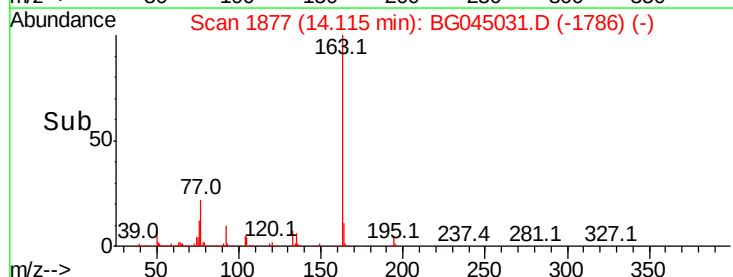
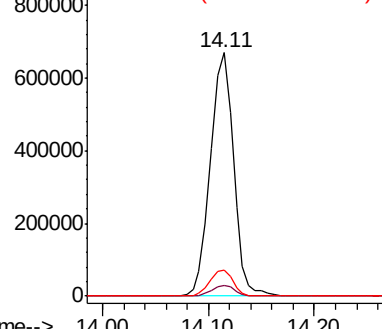


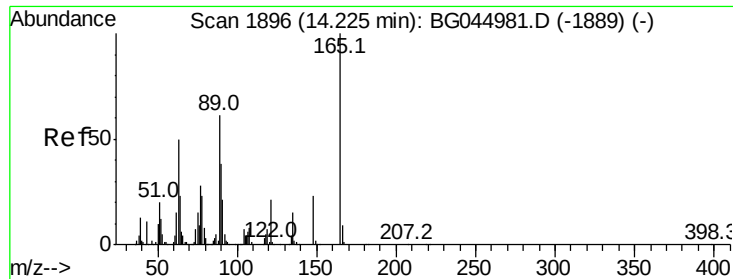
Abundance

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

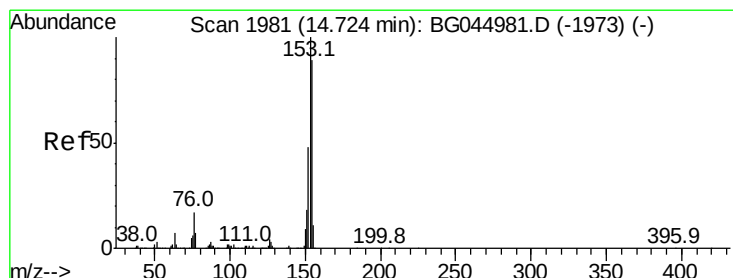
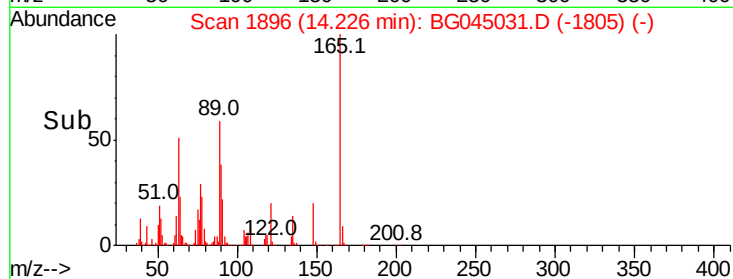
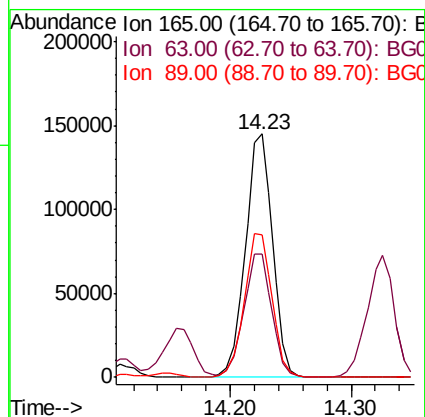
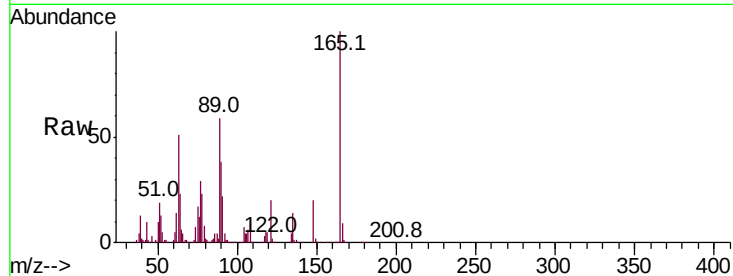




#51
 2,6-Dinitrotoluene
 Concen: 55.222 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

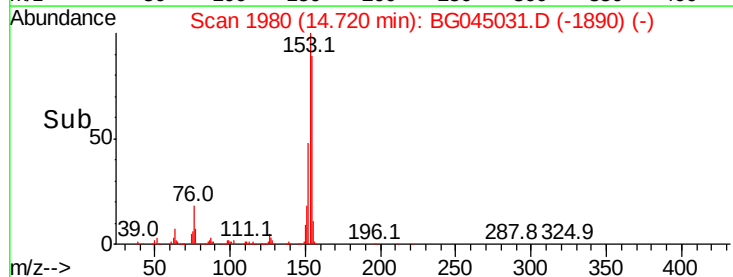
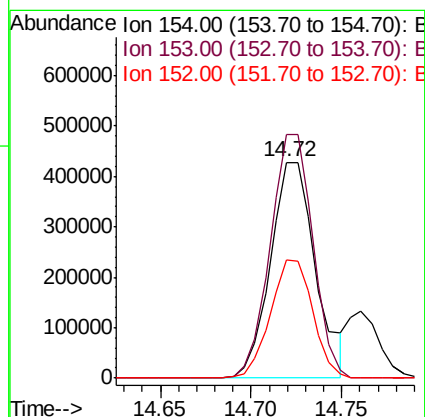
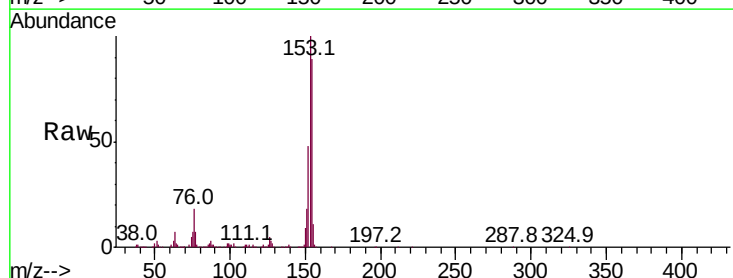
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

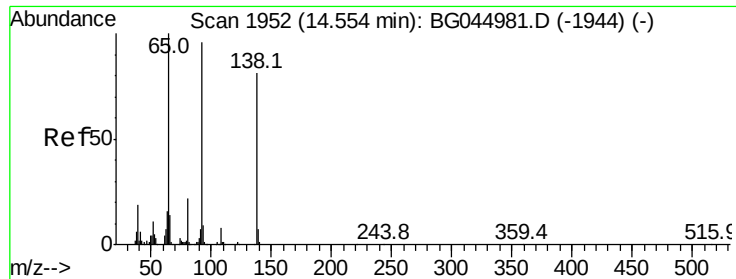
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	40.4	60.6
89	58.7	49.1	73.7



#52
 Acenaphthene
 Concen: 51.209 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.7	134.5
152	54.6	43.1	64.7

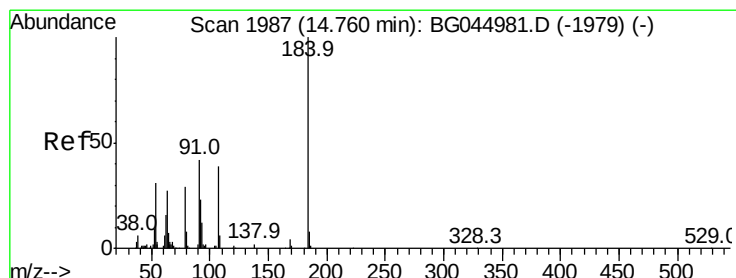
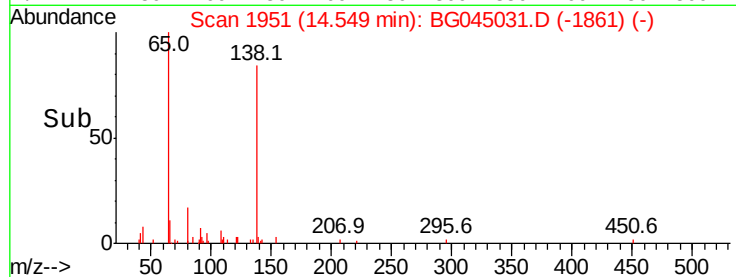
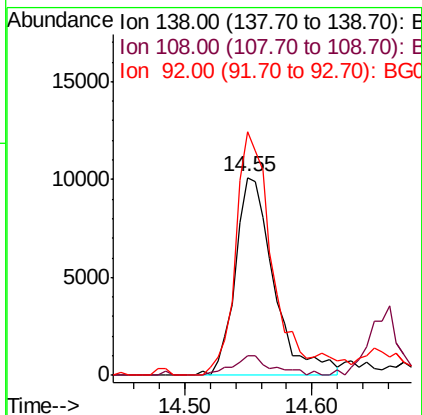
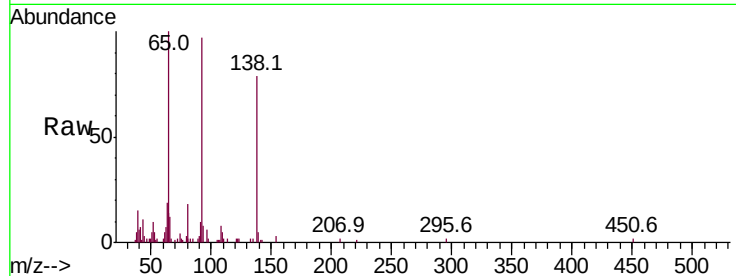




#53
 3-Nitroaniline
 Concen: 4.716 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

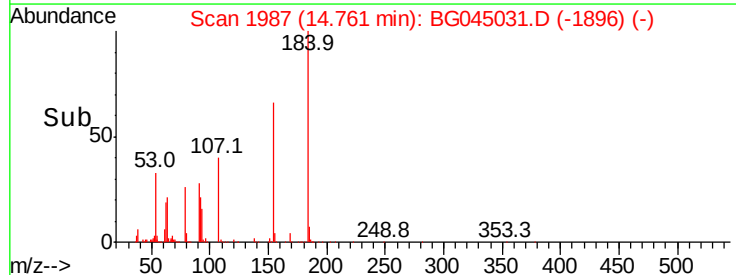
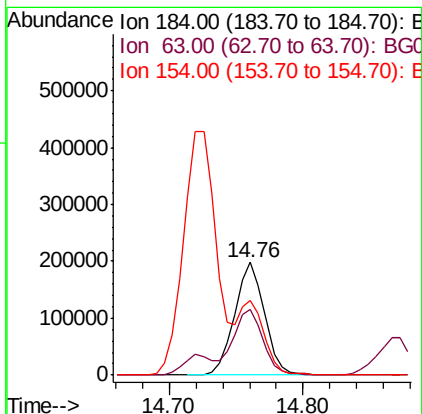
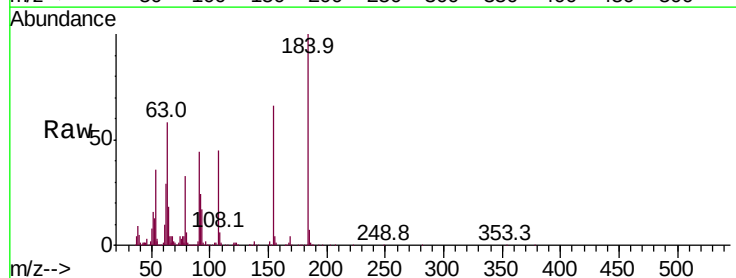
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

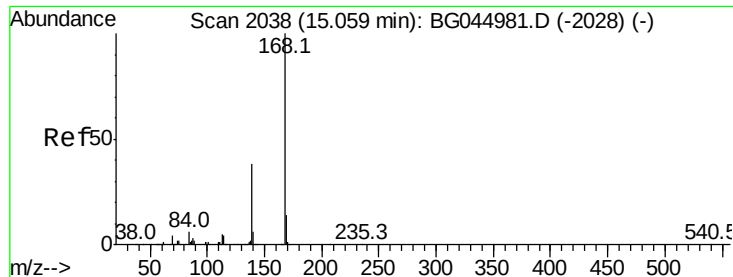
Tot Ion:138 Resp: 21275
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.8
 92 123.2 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 126.305 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion:184 Resp: 308944
 Ion Ratio Lower Upper
 184 100
 63 57.8 41.5 62.3
 154 66.4 52.3 78.5





#55

Dibenzenofuran

Concen: 53.218 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

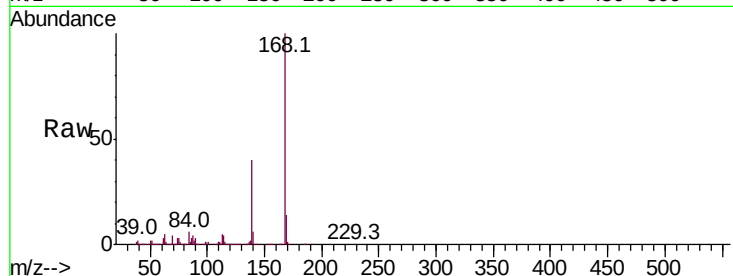
Tot Ion:168 Resp: 1121648

Ion Ratio Lower Upper

168 100

139 40.0 30.4 45.6

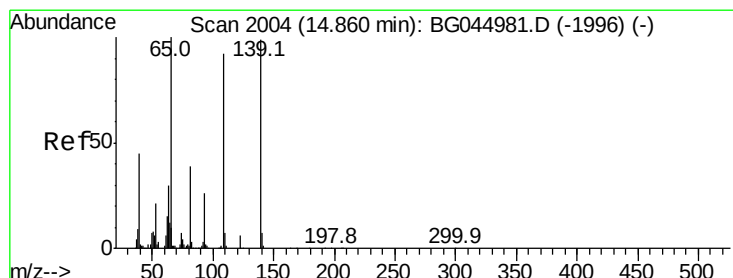
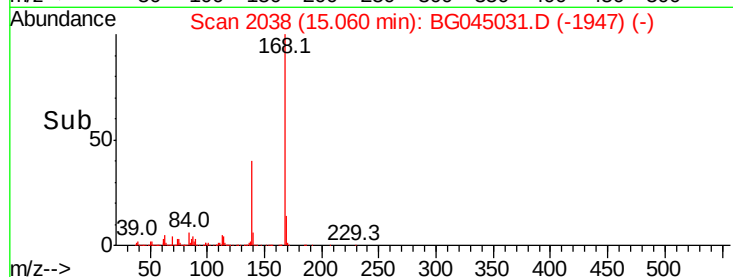
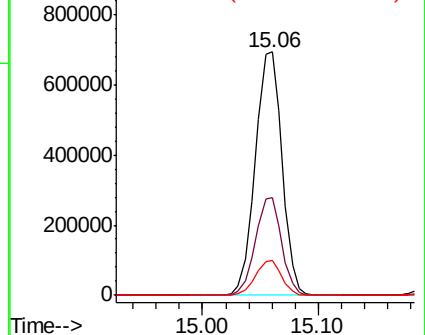
169 14.4 11.0 16.4



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: 105.146 ng

RT: 14.87 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

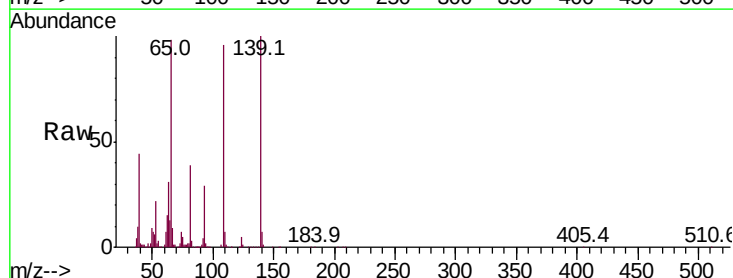
Tgt Ion:139 Resp: 367808

Ion Ratio Lower Upper

139 100

109 95.7 73.6 113.6

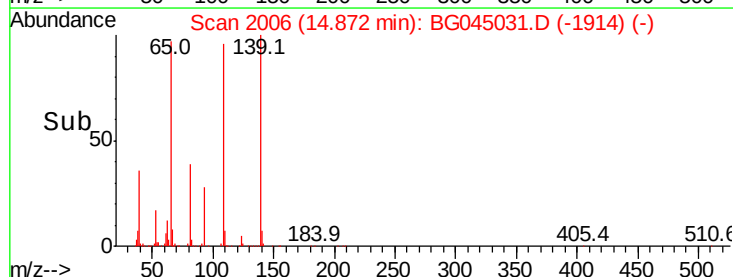
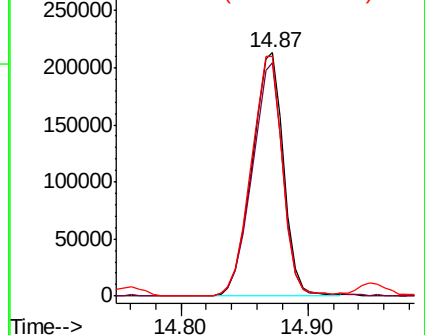
65 98.2 81.2 121.2

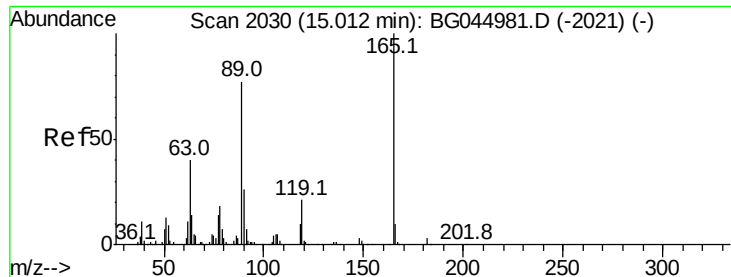


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

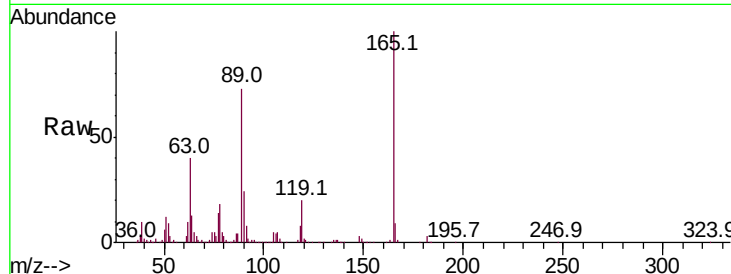




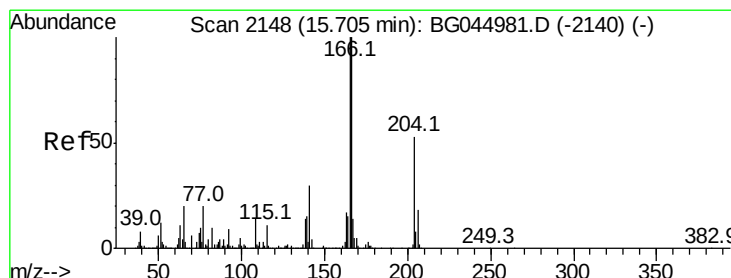
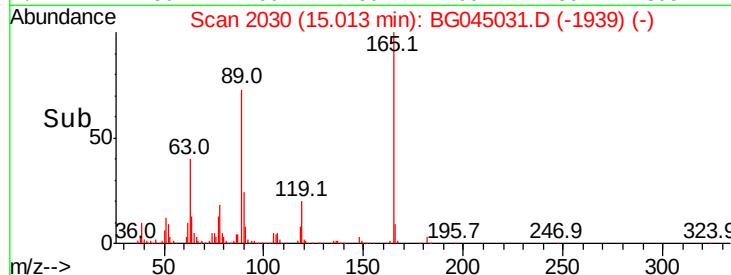
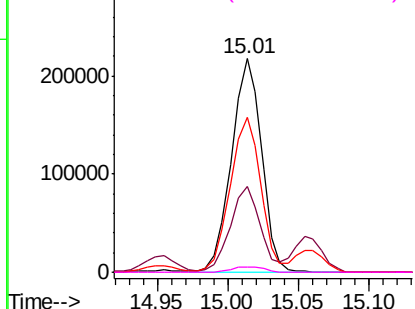
#57
 2,4-Dinitrotoluene
 Concen: 53.906 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMSD

Tot Ion:165 Resp: 324054
 Ion Ratio Lower Upper
 165 100
 63 40.4 32.2 48.2
 89 72.7 61.7 92.5
 182 2.6 2.0 3.0

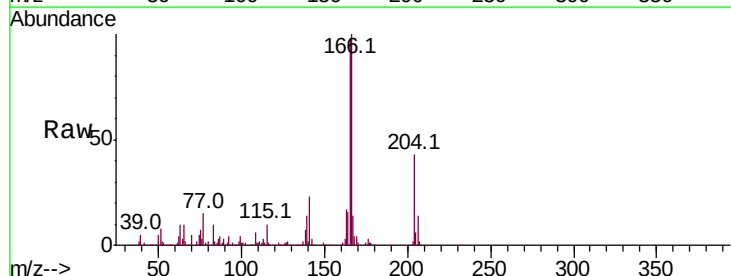


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

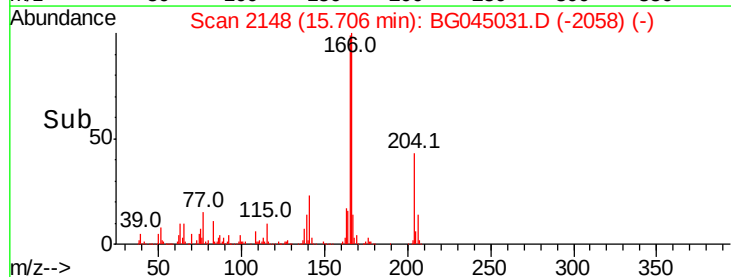
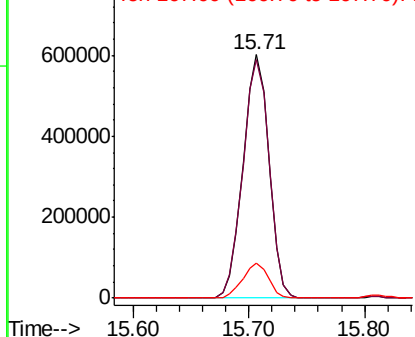


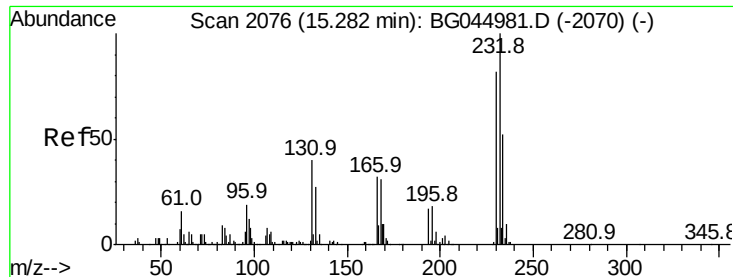
#58
 Fluorene
 Concen: 54.581 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045031.D
 Acq: 17 Apr 2020 13:48

Tgt Ion:166 Resp: 939639
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.9 119.9
 167 14.3 11.4 17.0



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

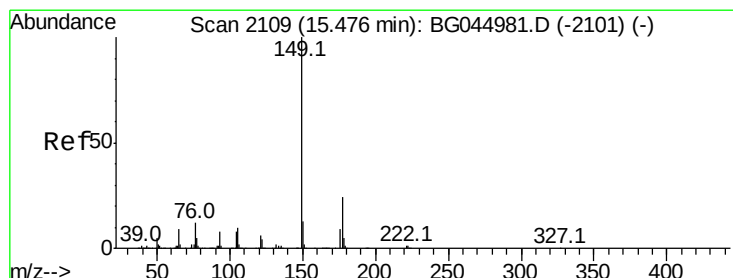
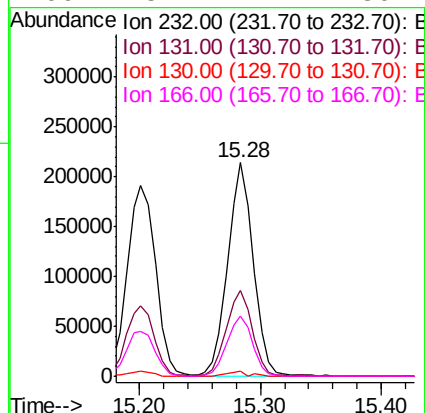
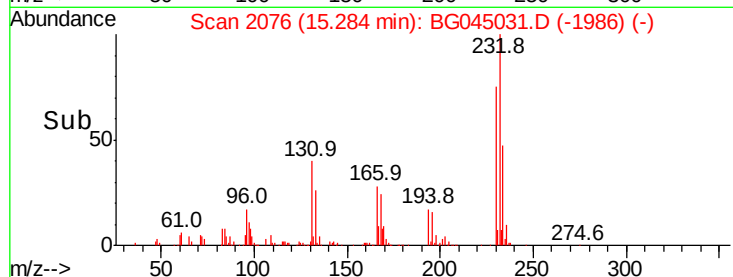
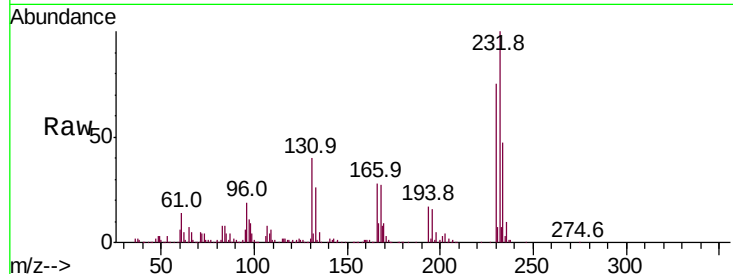




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.653 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

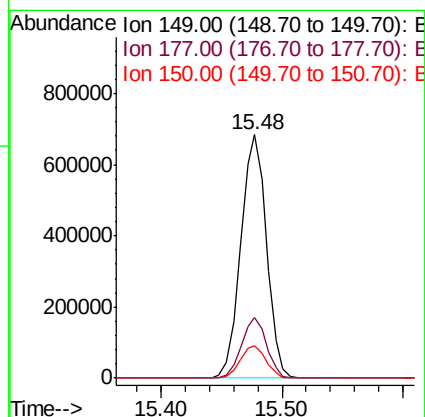
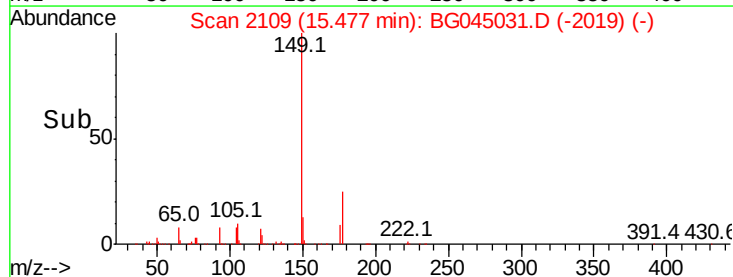
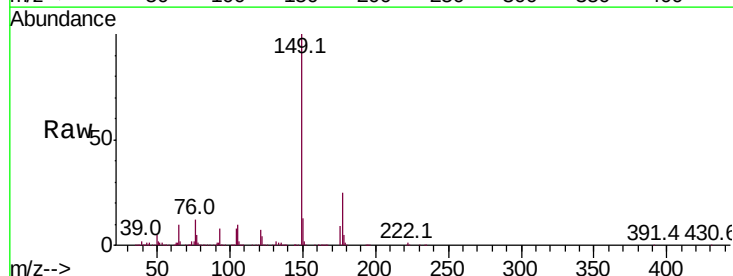
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

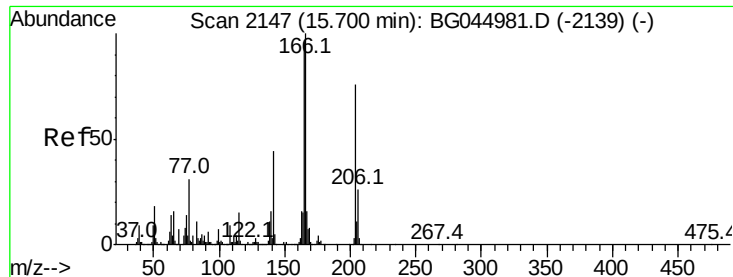
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	32.2	48.2
130	1.9	2.2	3.2
166	28.4	24.2	36.4



#60
Diethylphthalate
Concen: 52.794 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.9	28.3
150	13.1	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 52.993 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

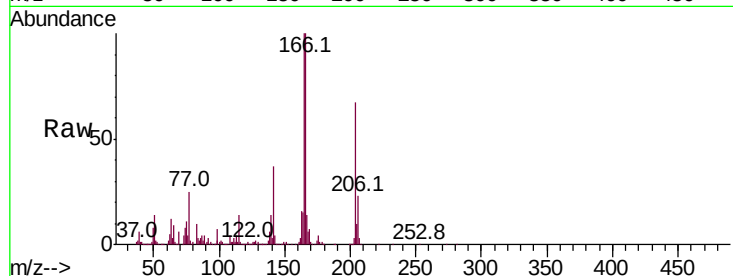
Tot Ion:204 Resp: 525108

Ion Ratio Lower Upper

204 100

206 33.6 26.9 40.3

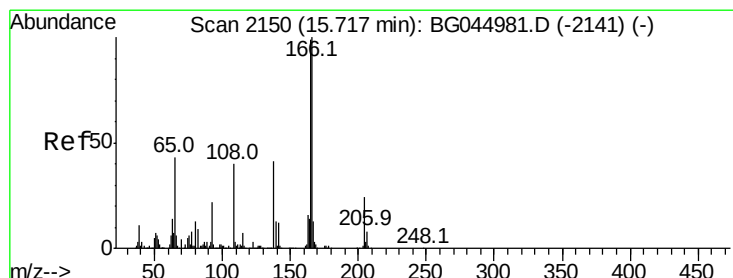
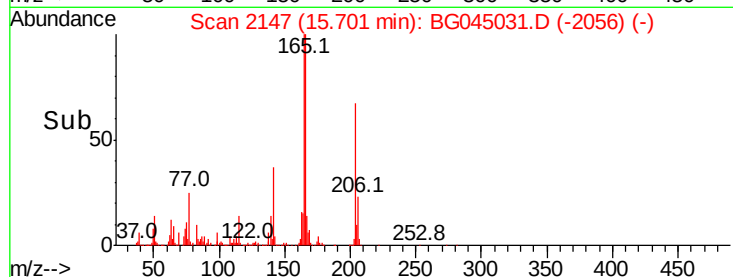
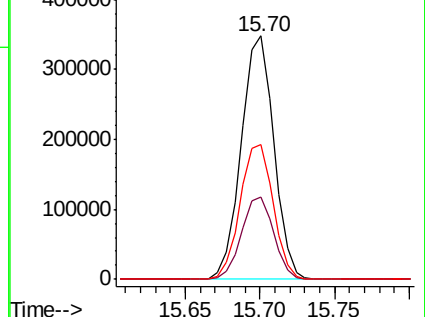
141 55.5 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 21.011 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

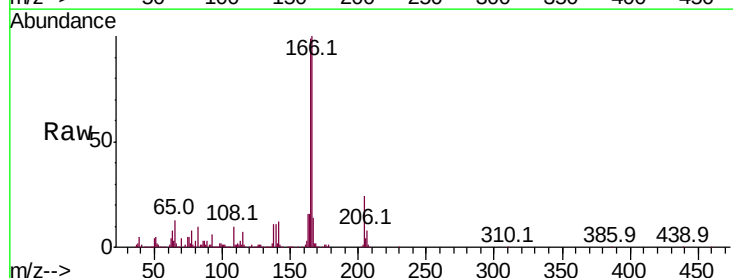
Tgt Ion:138 Resp: 98317

Ion Ratio Lower Upper

138 100

92 53.5 33.6 73.6

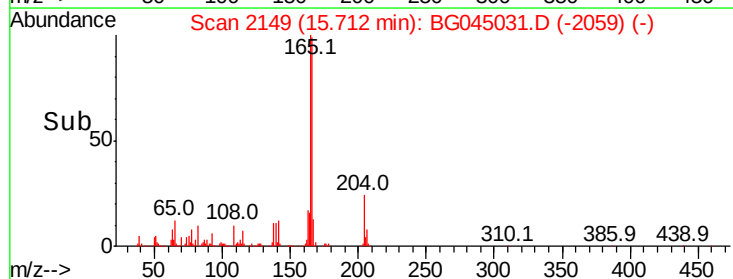
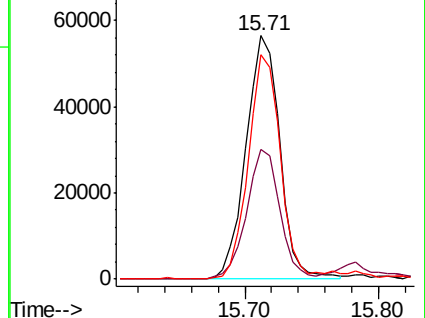
108 92.2 78.2 118.2

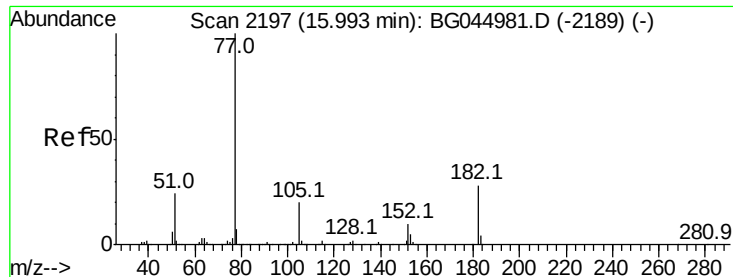


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.998 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion: 77 Resp: 901546

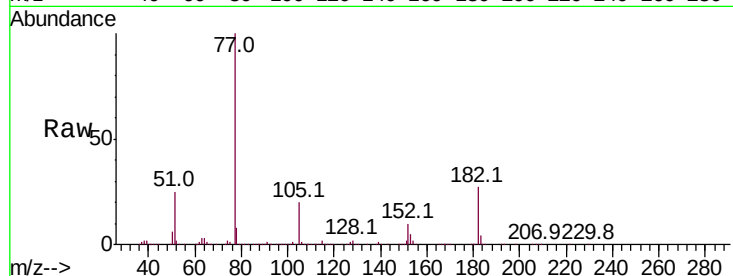
Ion Ratio Lower Upper

77 100

182 27.0 8.4 48.4

105 19.6 0.5 40.5

51 24.6 4.4 44.4

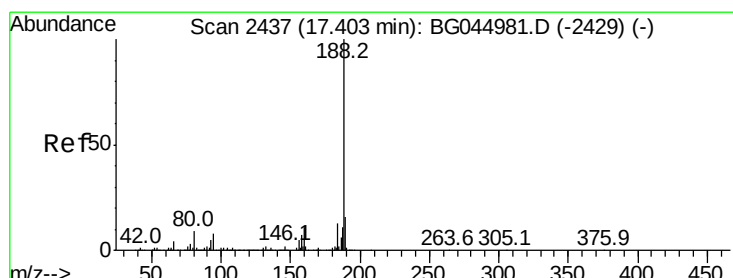
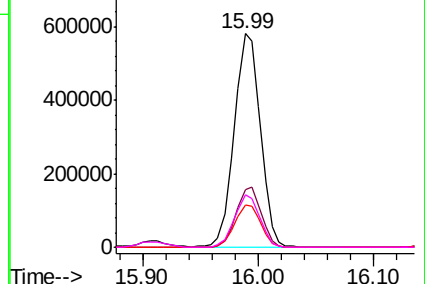
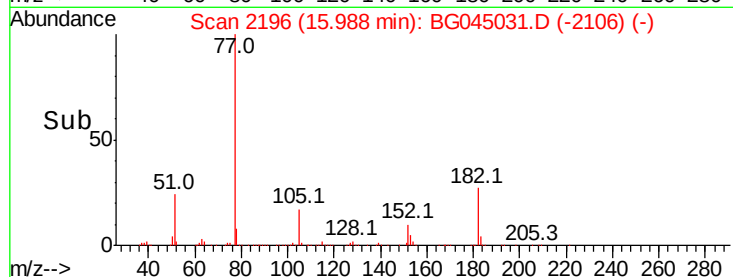


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

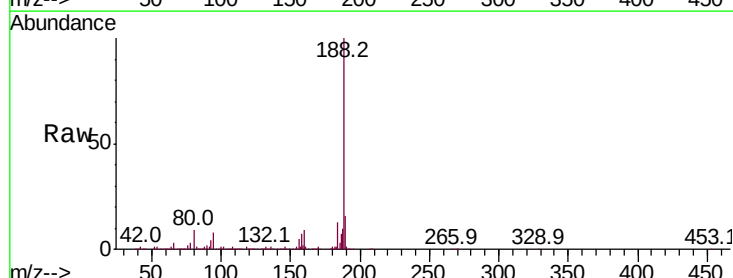
Tgt Ion:188 Resp: 546212

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.4

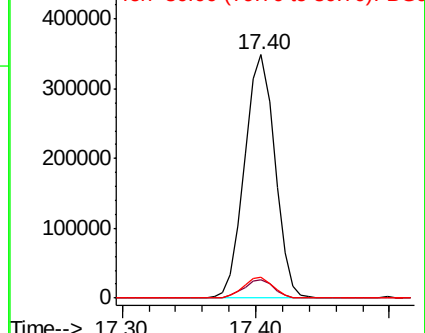
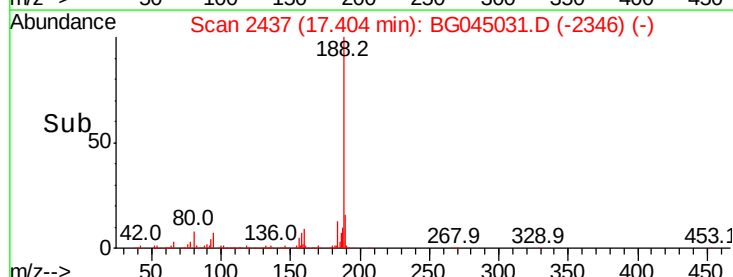
80 8.6 7.0 10.6

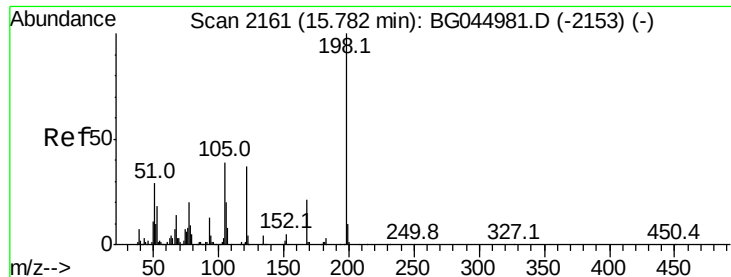


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 60.657 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

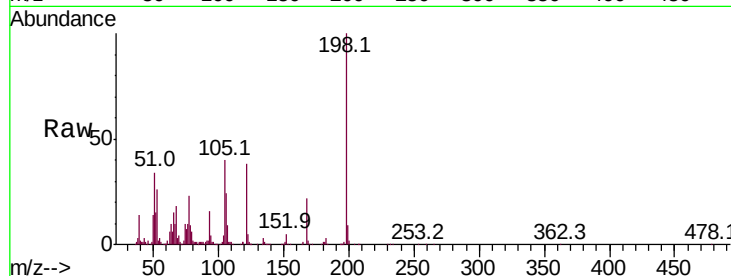
Tot Ion:198 Resp: 217774

Ion Ratio Lower Upper

198 100

51 33.6 10.0 50.0

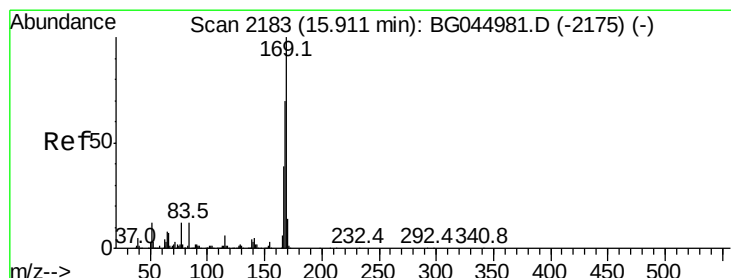
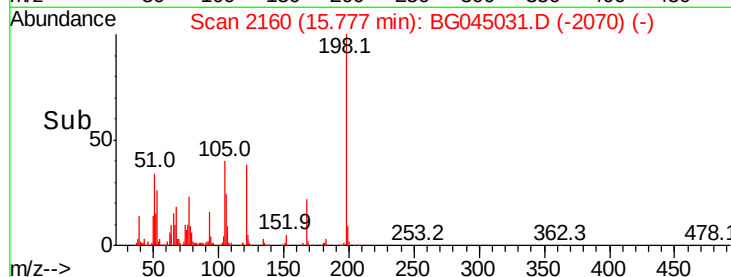
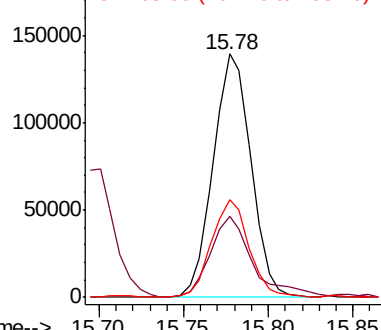
105 39.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044981.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): BG044981.D (-2153) (-)



#66

n-Nitrosodiphenylamine

Concen: 13.041 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

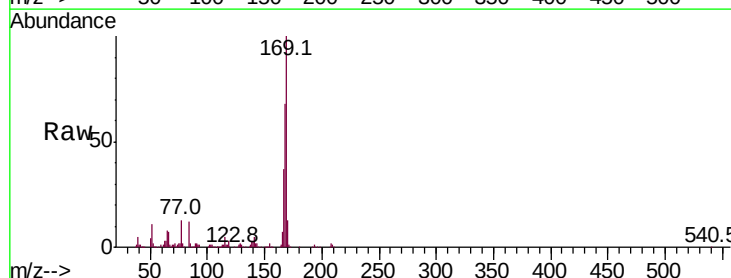
Tgt Ion:169 Resp: 204669

Ion Ratio Lower Upper

169 100

168 68.4 55.8 83.8

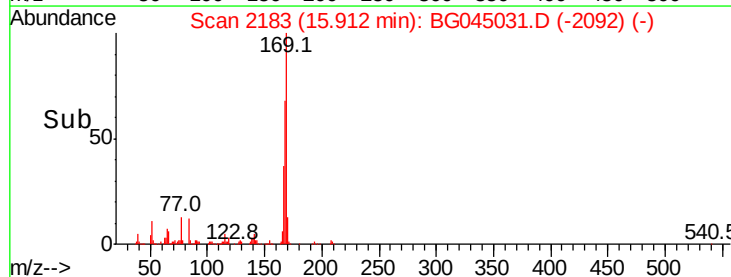
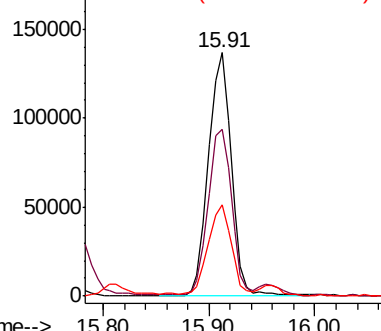
167 37.4 30.8 46.2

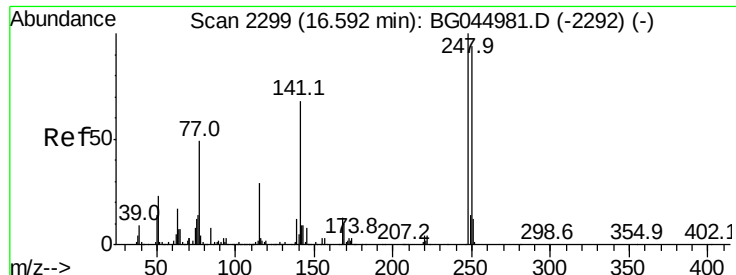


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG044981.D (-2175) (-)

Ion 167.00 (166.70 to 167.70): BG044981.D (-2175) (-)

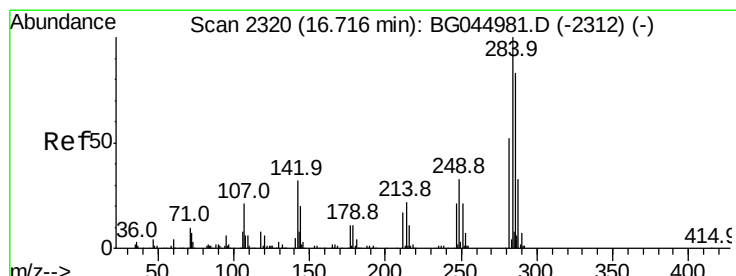
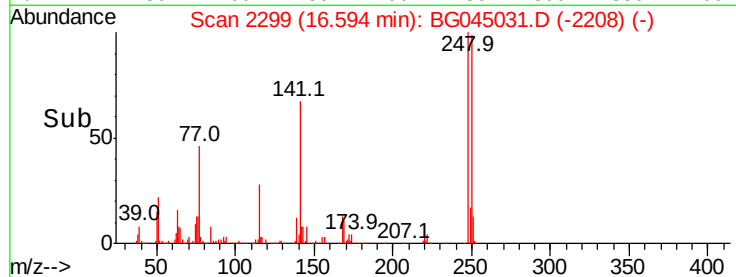
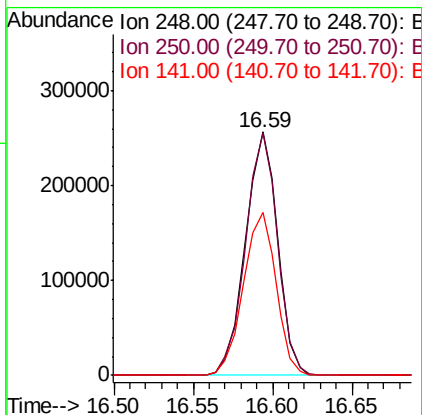
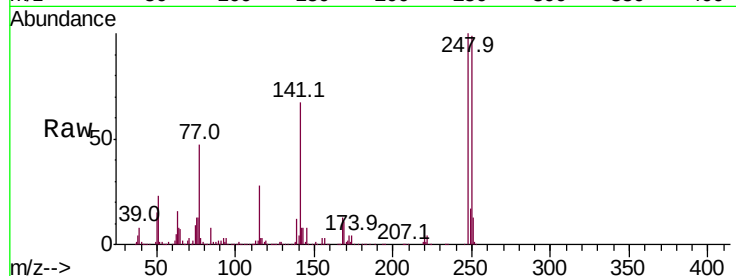




#67
4-Bromophenyl-phenylether
Concen: 51.344 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

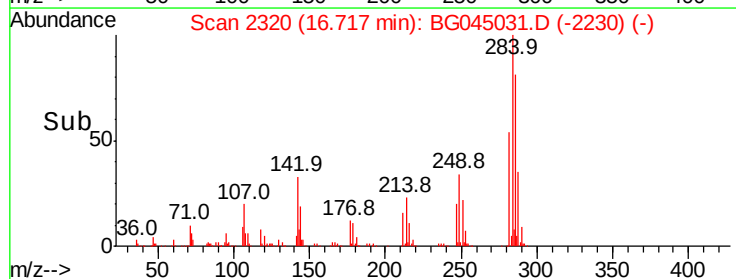
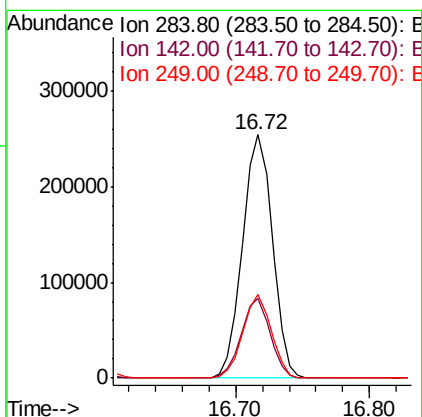
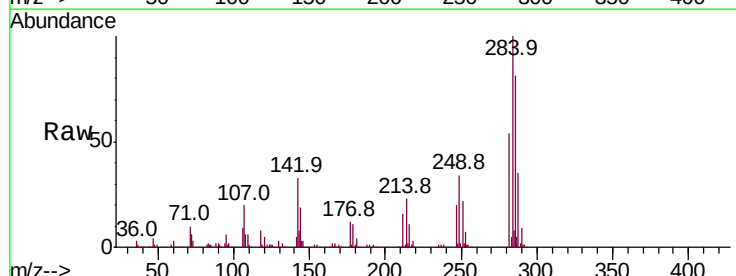
Instrument :
BNA_G
ClientSampleId :
TP-11-SAMSD

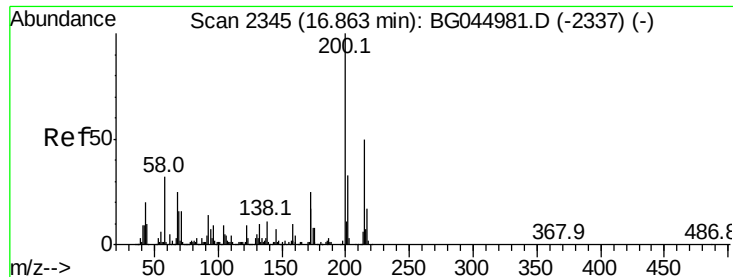
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	75.4	113.2
141	67.0	54.4	81.6



#68
Hexachlorobenzene
Concen: 53.658 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045031.D
Acq: 17 Apr 2020 13:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.8	38.6
249	34.1	26.6	39.8





#69

Atrazine

Concen: 5.876 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

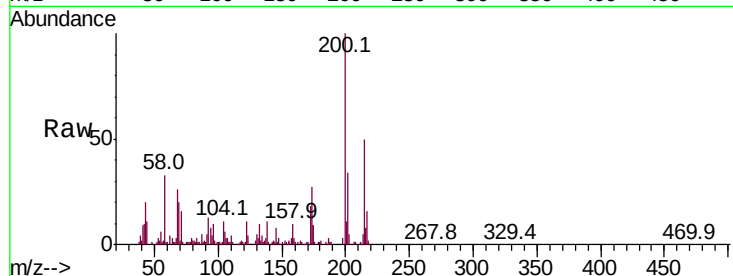
Tot Ion:200 Resp: 57413

Ion Ratio Lower Upper

200 100

173 27.5 4.5 44.5

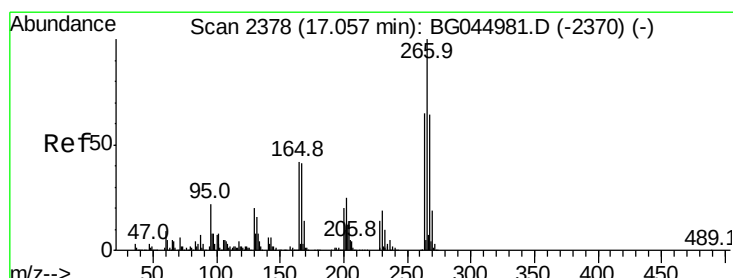
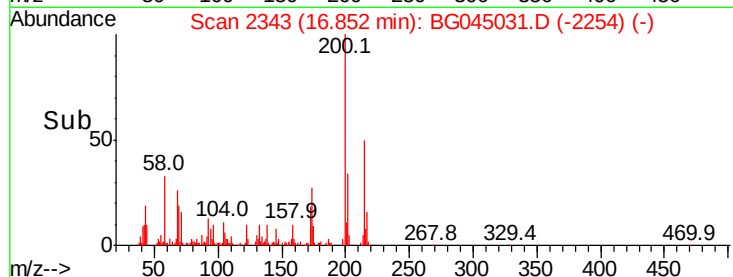
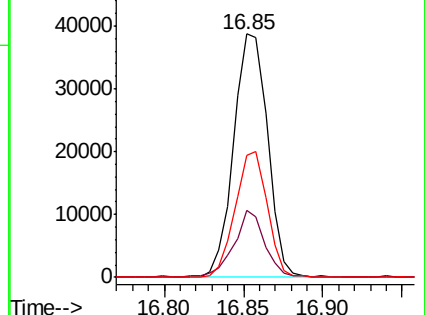
215 50.3 30.0 70.0



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: 114.077 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

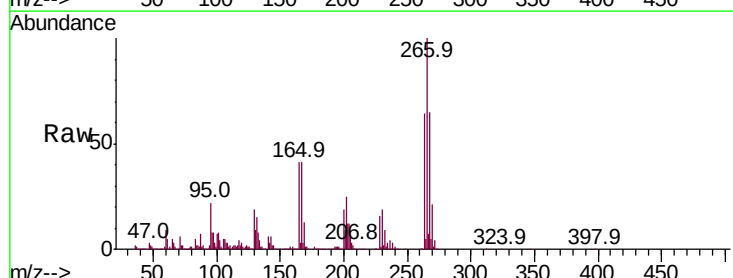
Tgt Ion:266 Resp: 511440

Ion Ratio Lower Upper

266 100

268 64.9 51.5 77.3

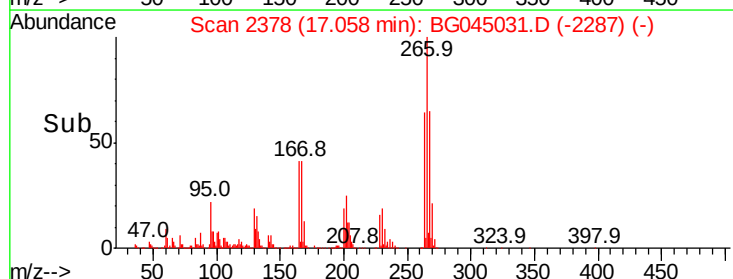
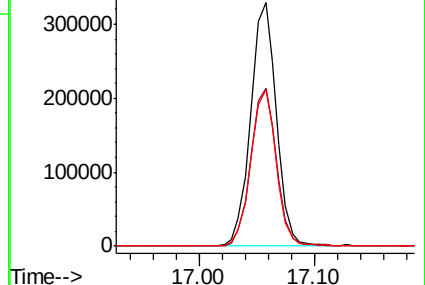
264 64.4 52.2 78.4

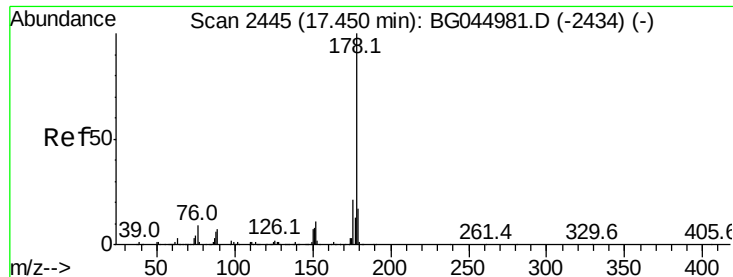


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.487 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

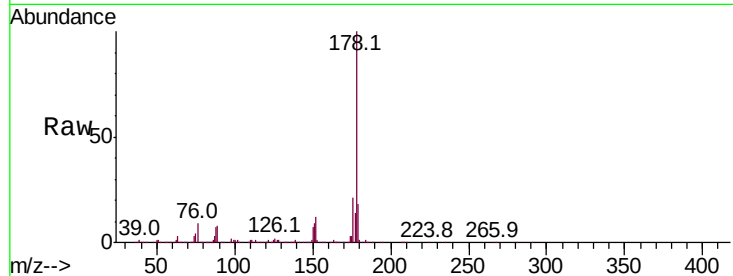
Tot Ion:178 Resp: 1501300

Ion Ratio Lower Upper

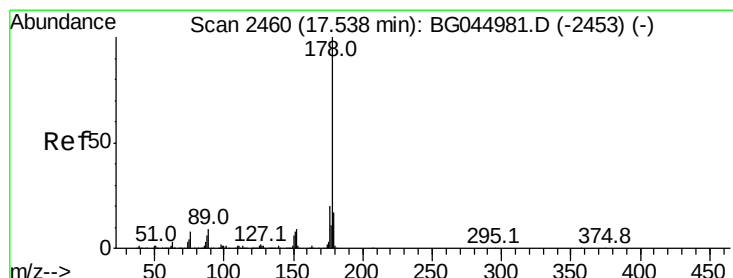
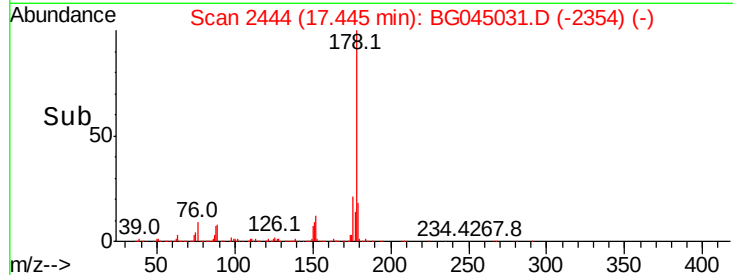
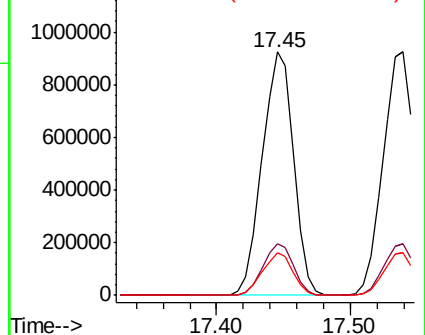
178 100

176 21.1 16.8 25.2

179 17.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.567 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

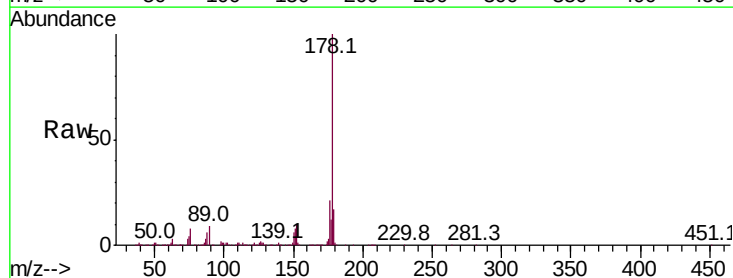
Tgt Ion:178 Resp: 1508198

Ion Ratio Lower Upper

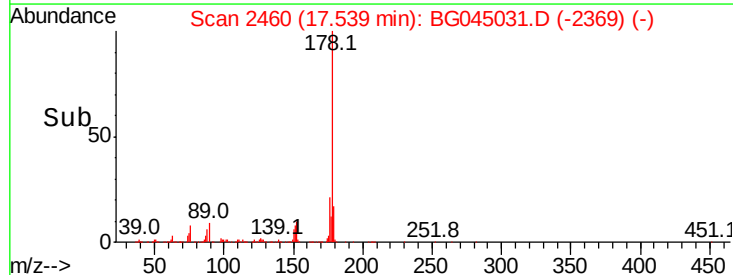
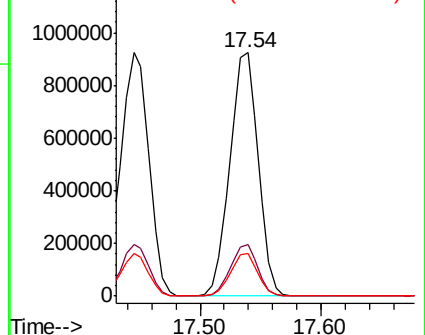
178 100

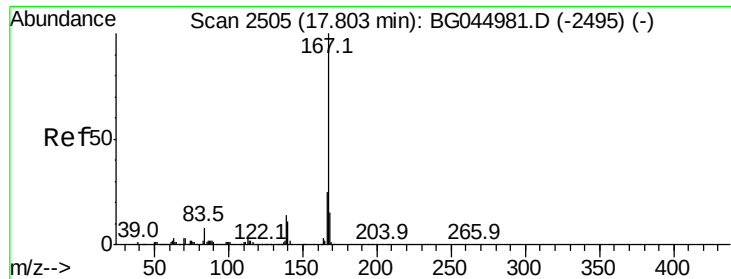
176 21.4 16.0 24.0

179 17.3 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 19.761 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

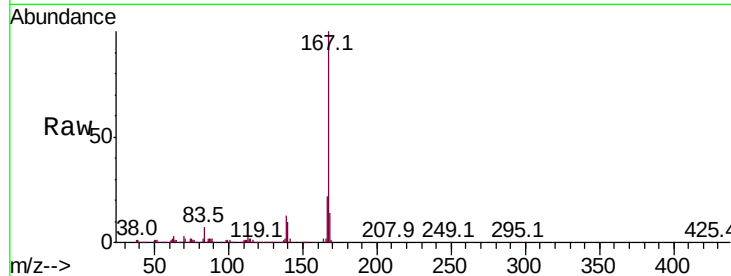
Tot Ion:167 Resp: 564615

Ion Ratio Lower Upper

167 100

166 22.4 19.8 29.6

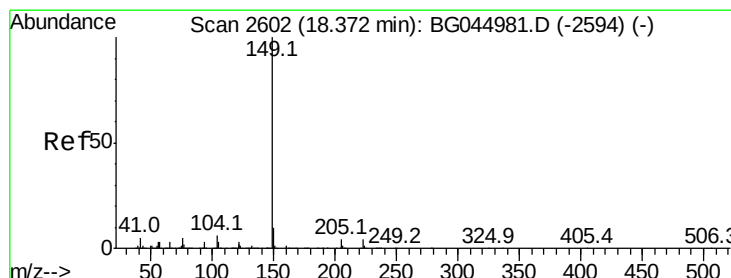
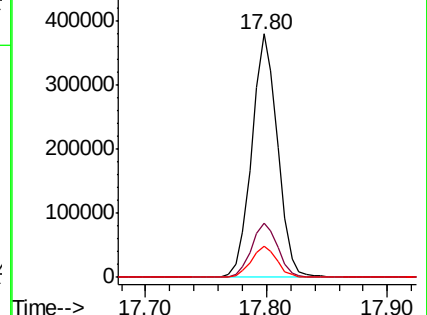
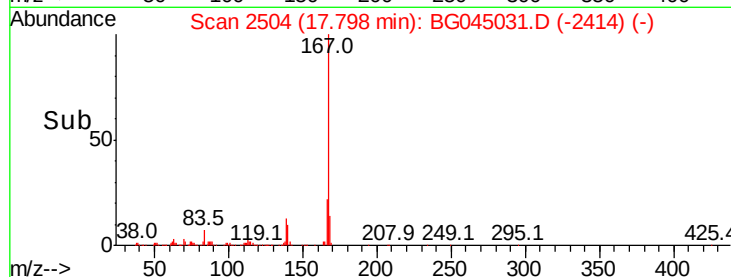
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.994 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

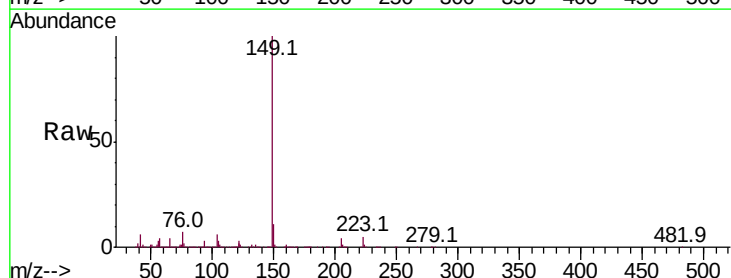
Tgt Ion:149 Resp: 1668516

Ion Ratio Lower Upper

149 100

150 10.8 8.2 12.2

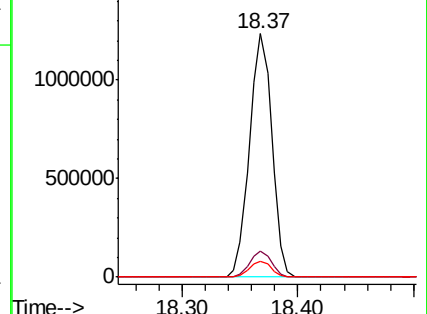
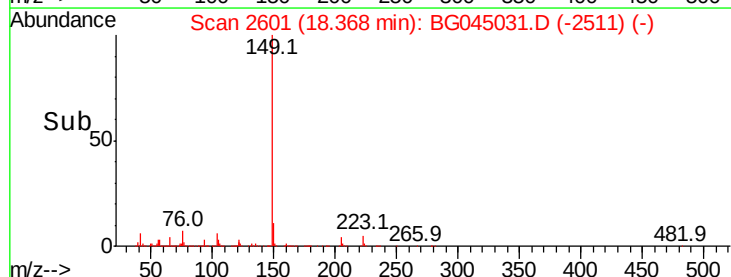
104 6.5 4.8 7.2

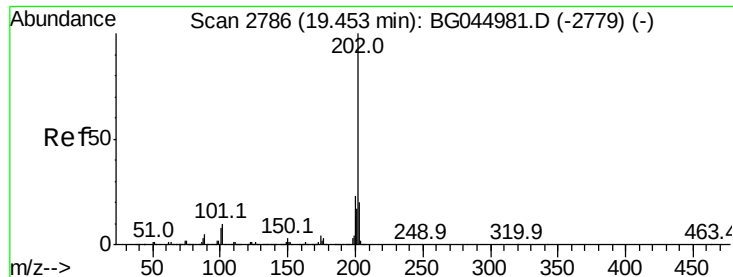


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.329 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

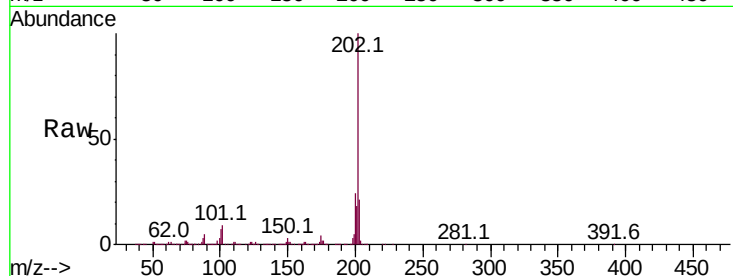
BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:202 Resp: 1778630

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.6
203	20.7	0.0	39.7

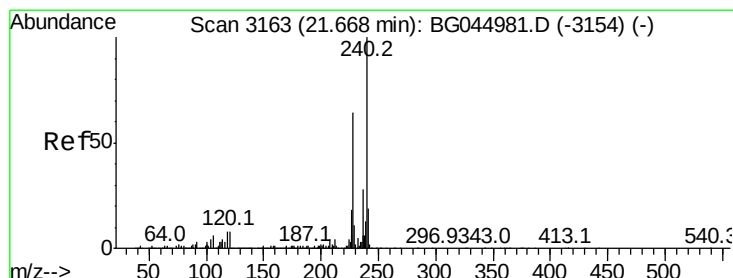
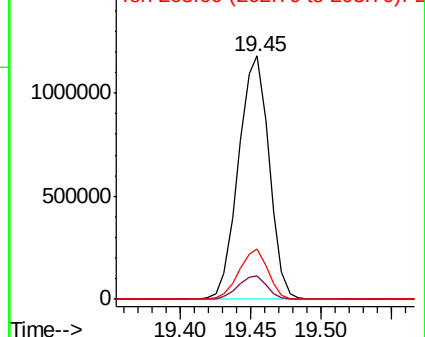
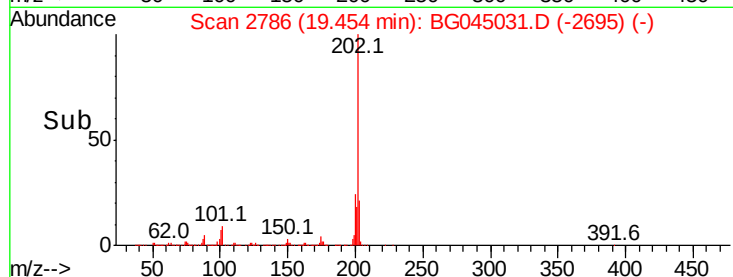


Abundance

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: 21.67 min Scan# 3163

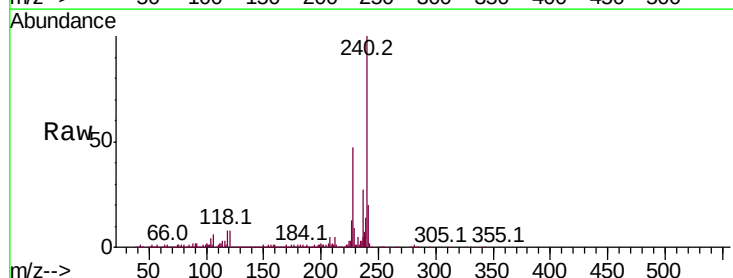
Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:240 Resp: 475260

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	27.0	22.2	33.2

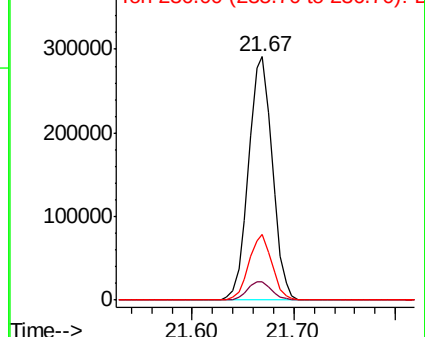
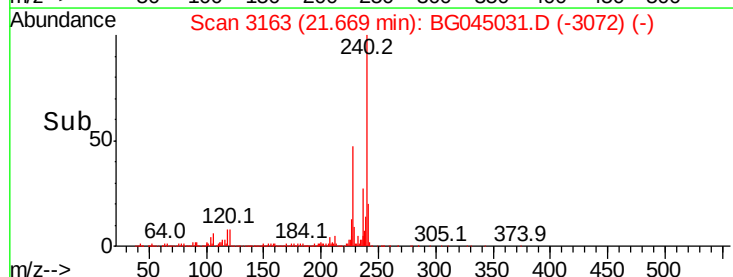


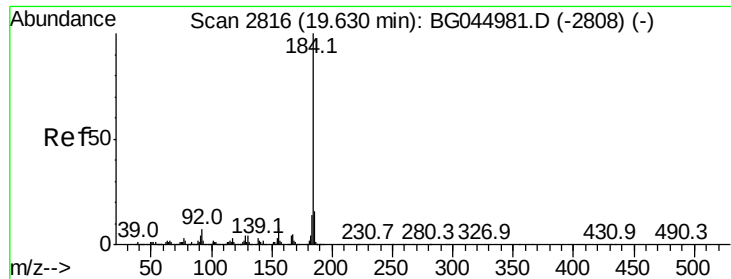
Abundance

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: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

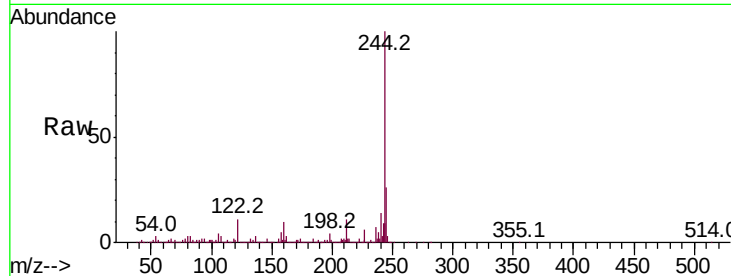
Tot Ion:184 Resp: 50130

Ion Ratio Lower Upper

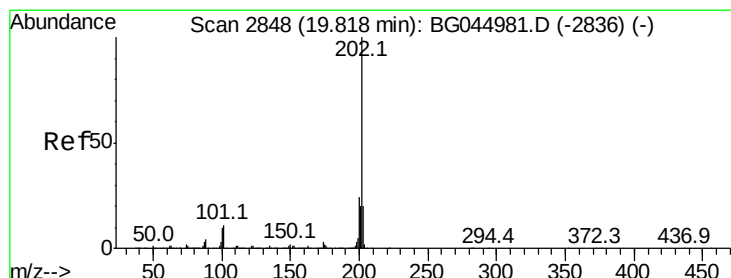
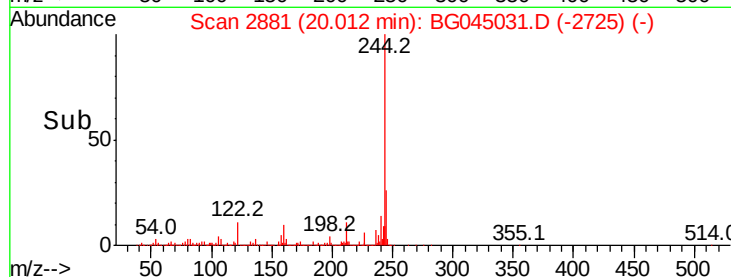
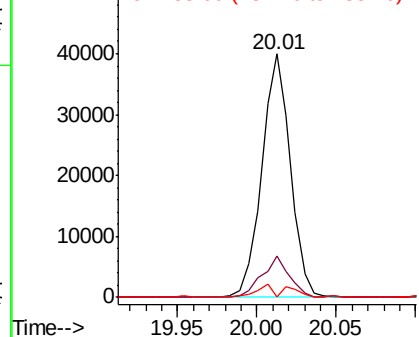
184 100

185 17.2 12.6 19.0

183 0.0 11.3 16.9#



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: 53.330 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

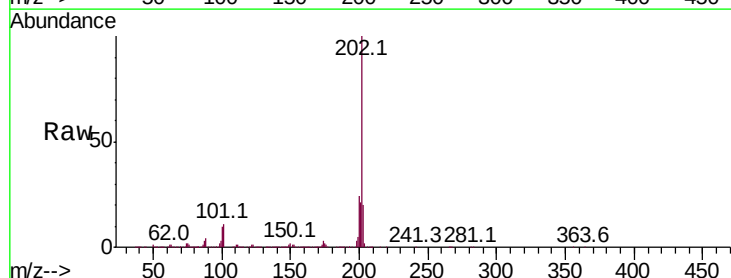
Tgt Ion:202 Resp: 1747332

Ion Ratio Lower Upper

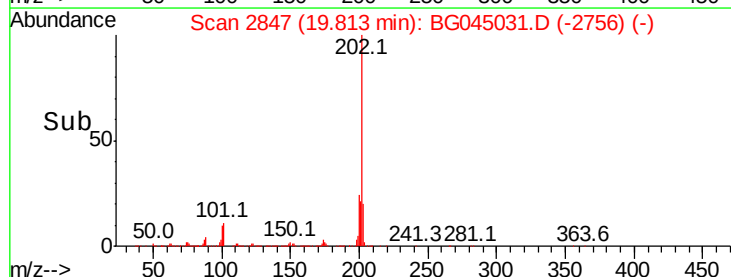
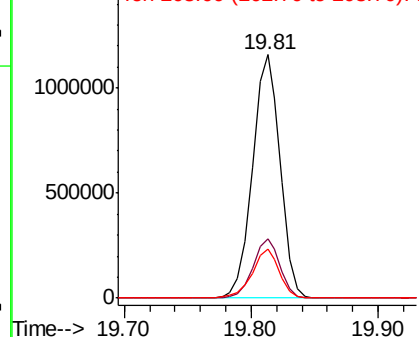
202 100

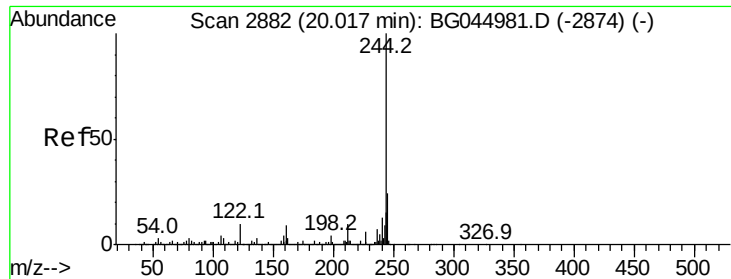
200 24.1 19.0 28.6

203 20.3 16.1 24.1



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: 111.227 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

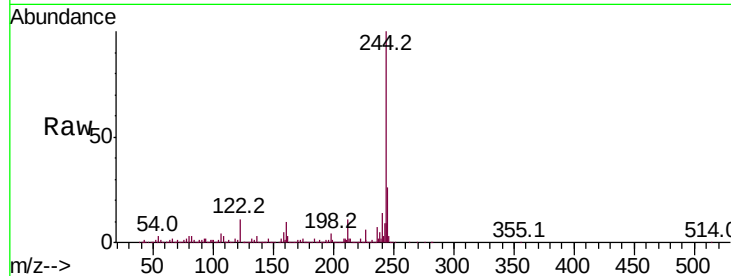
Tot Ion:244 Resp: 2425340

Ion Ratio Lower Upper

244 100

212 10.8 7.9 11.9

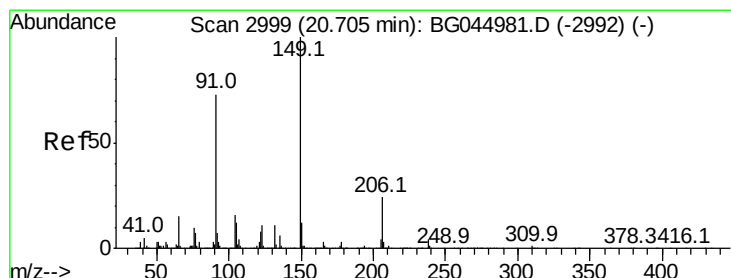
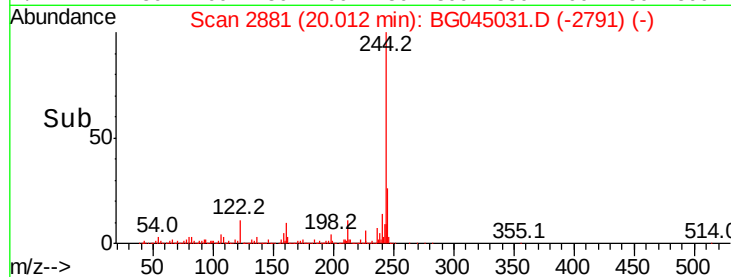
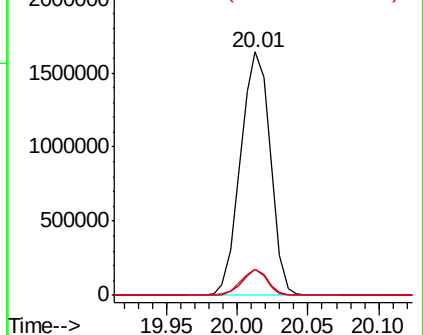
122 10.8 7.7 11.5



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: 54.273 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

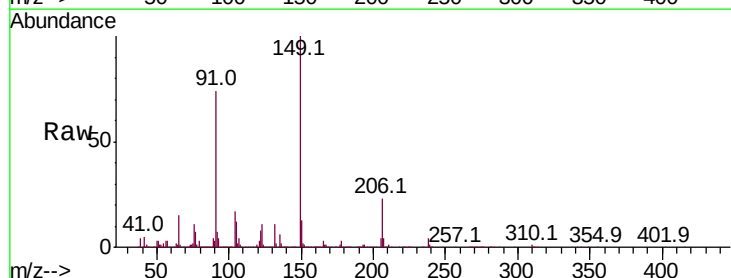
Tgt Ion:149 Resp: 737095

Ion Ratio Lower Upper

149 100

91 74.3 58.5 87.7

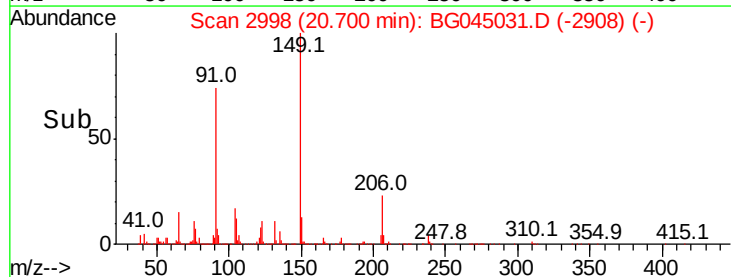
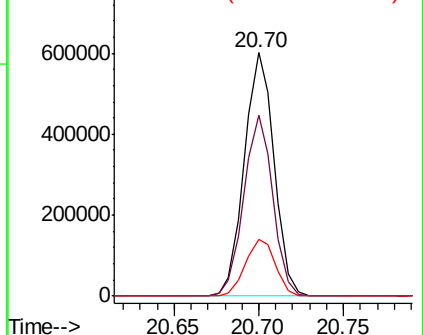
206 23.3 19.2 28.8

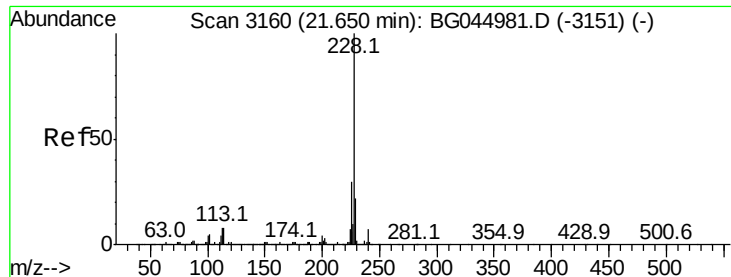


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.627 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

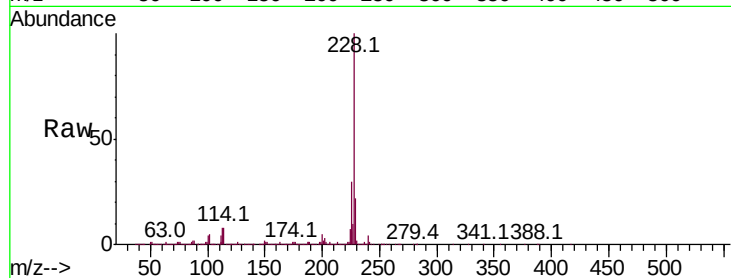
BNA_G

ClientSampleId :

TP-11-SAMSD

Tot Ion:228 Resp: 1651915

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.3	17.5	26.3

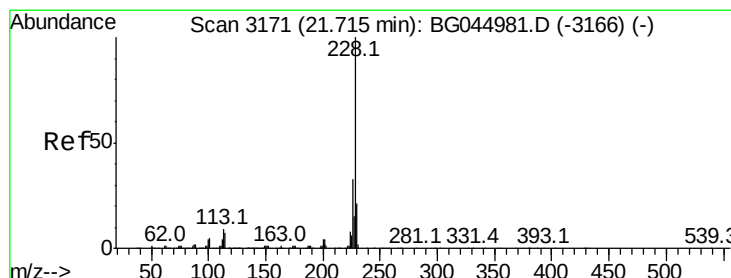
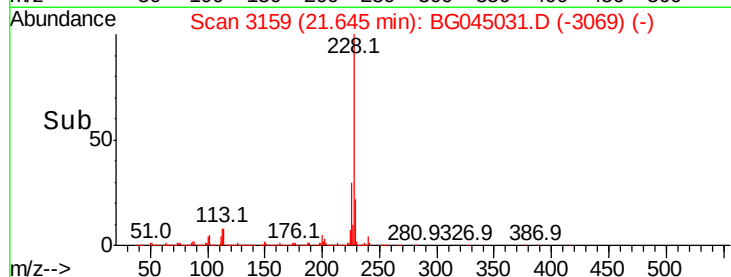
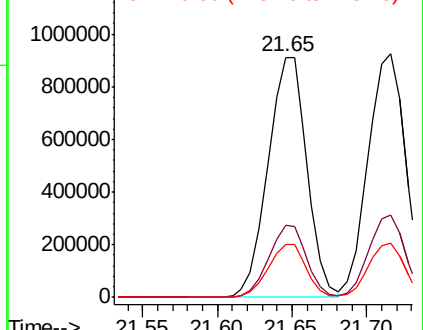


Abundance

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



#83

Chrysene

Concen: 54.041 ng

RT: 21.72 min Scan# 3171

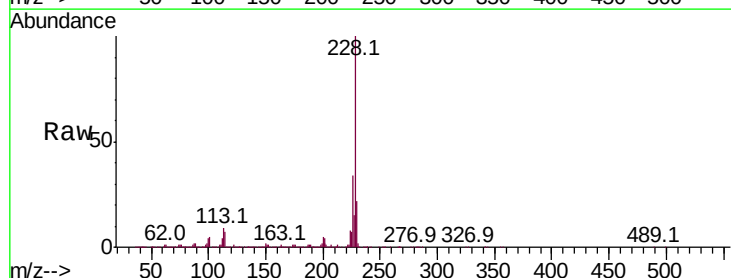
Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Tgt Ion:228 Resp: 1599418

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.0	17.0	25.6

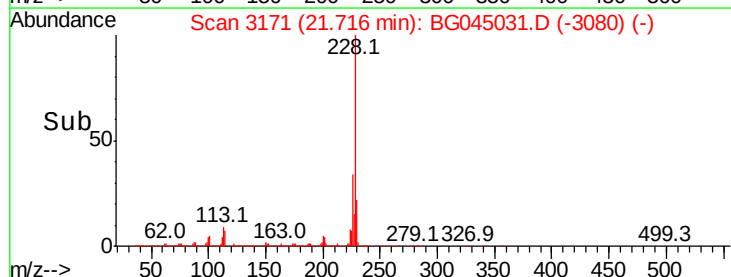
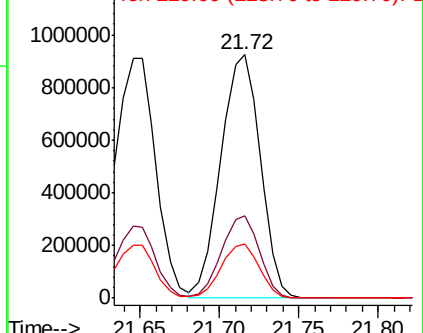


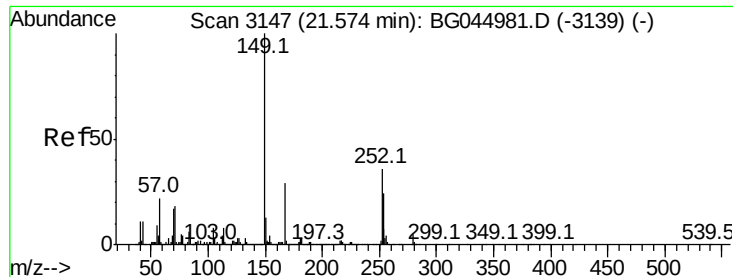
Abundance

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: 54.837 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

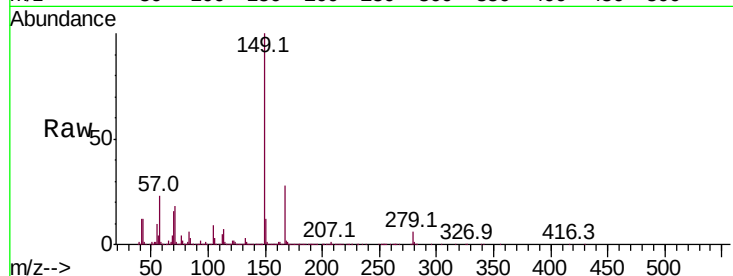
Tot Ion:149 Resp: 1024302

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

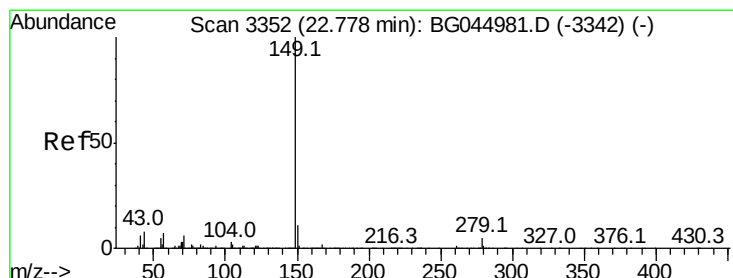
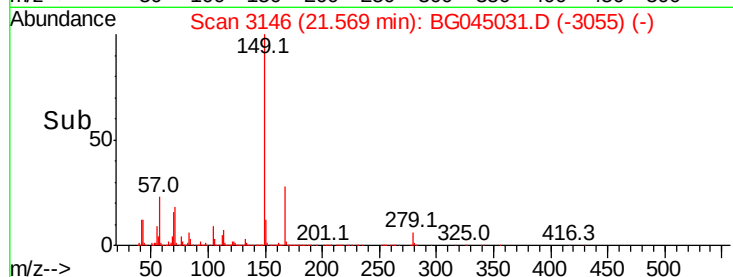
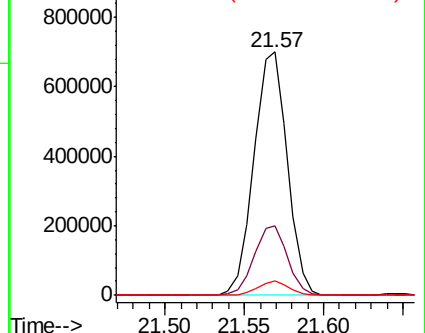
279 5.7 4.3 6.5



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: 53.559 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

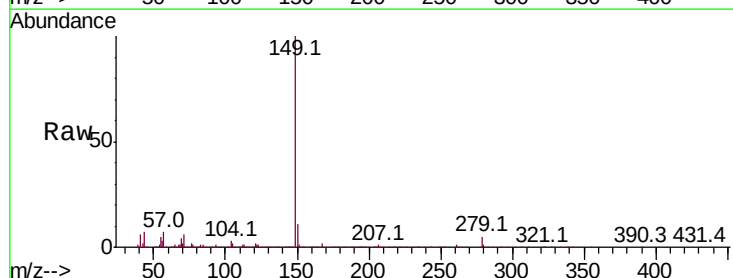
Tgt Ion:149 Resp: 1729987

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

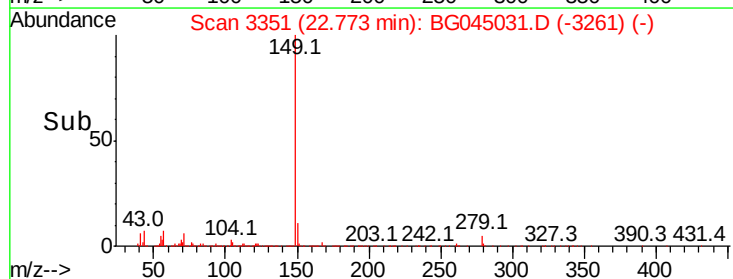
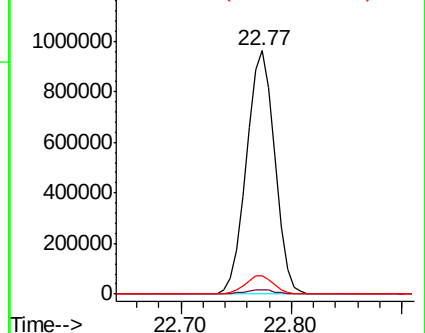
43 7.4 5.7 8.5

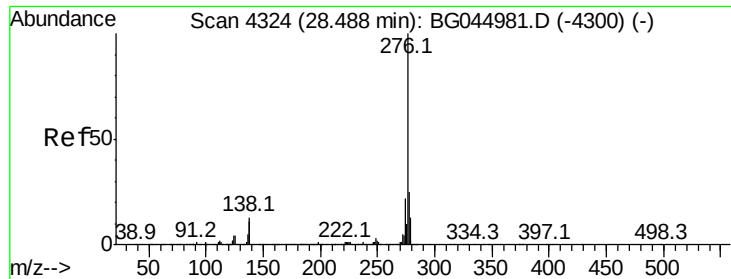


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 50.716 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

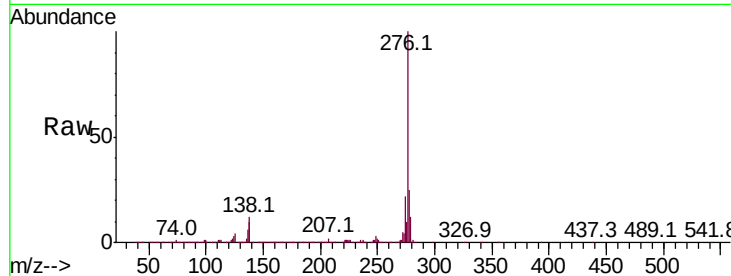
Tot Ion:276 Resp: 1992888

Ion Ratio Lower Upper

276 100

138 11.0 9.6 14.4

277 26.1 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.48

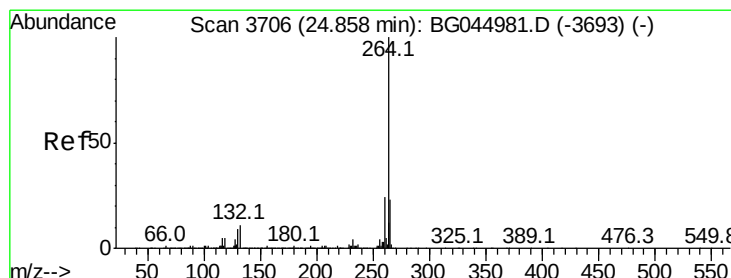
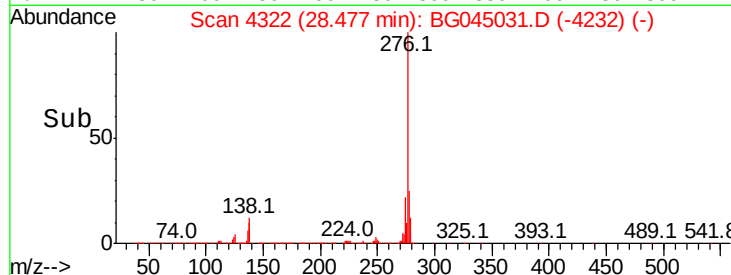
300000

200000

100000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

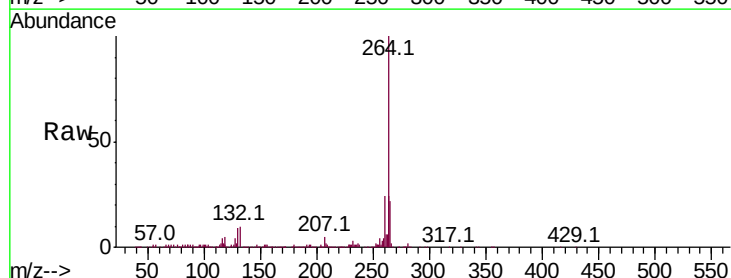
Tgt Ion:264 Resp: 378696

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 19.0 28.4



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

24.85

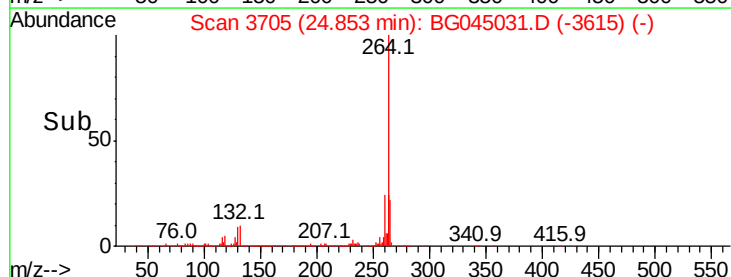
150000

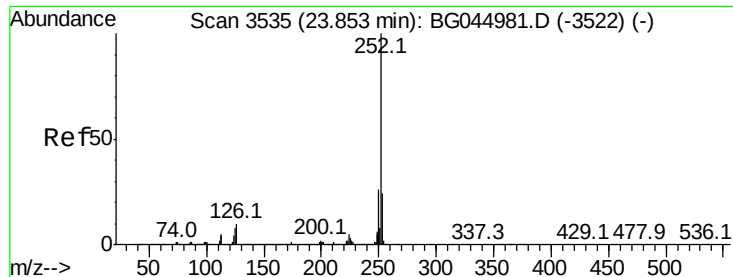
100000

50000

0

Time-->





#88

Benzo(b)fluoranthene

Concen: 76.827 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

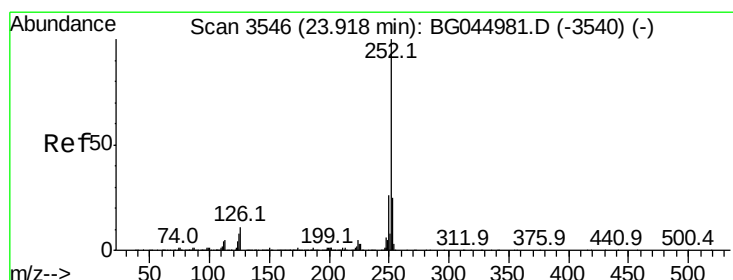
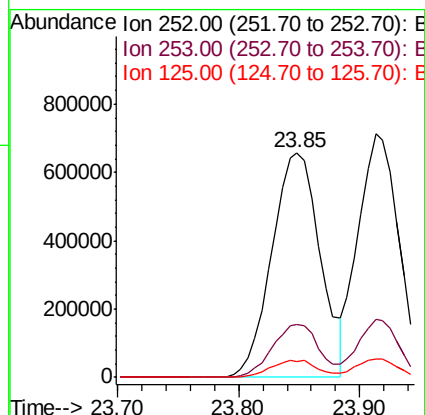
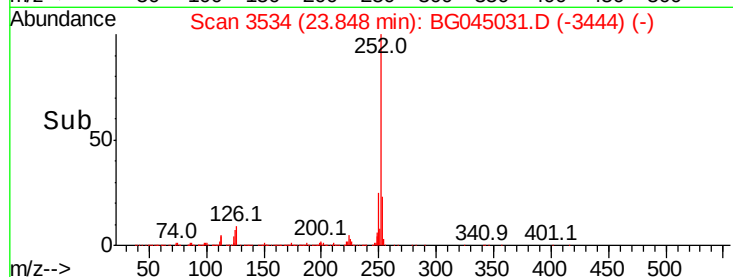
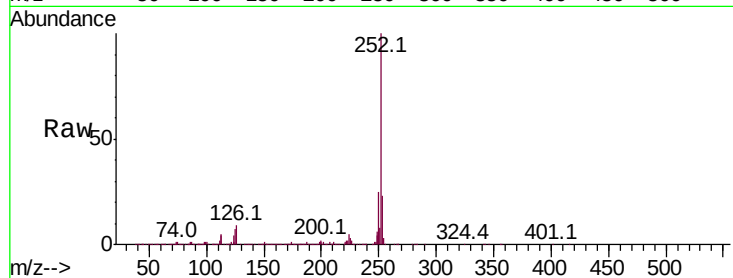
Tot Ion:252 Resp: 1822437

Ion Ratio Lower Upper

252 100

253 23.4 18.8 28.2

125 7.2 6.2 9.4



#89

Benzo(k)fluoranthene

Concen: 73.423 ng

RT: 23.91 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

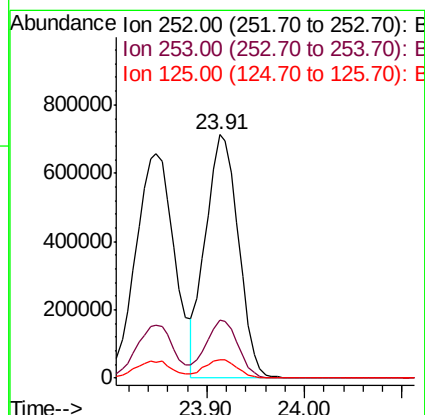
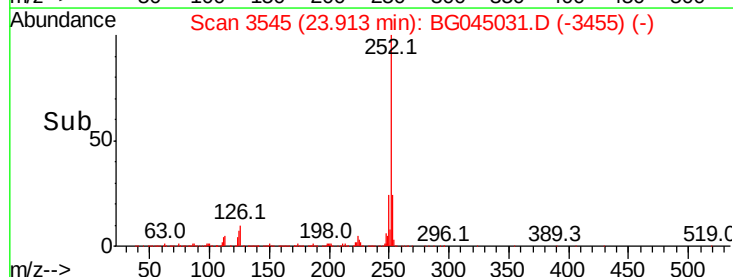
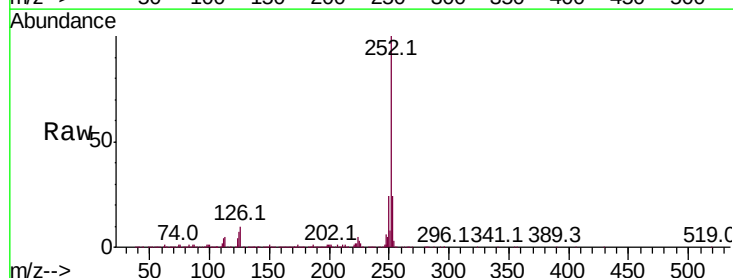
Tgt Ion:252 Resp: 1656339

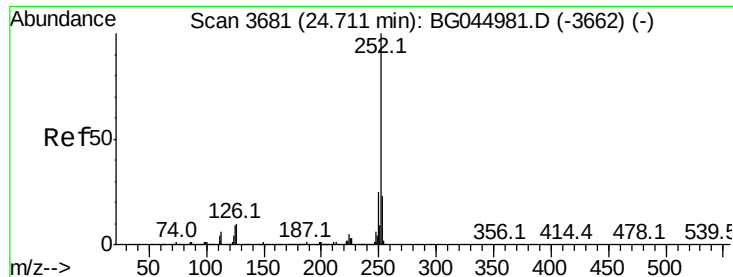
Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 7.4 5.9 8.9





#90

Benzo(a)pyrene

Concen: 65.786 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

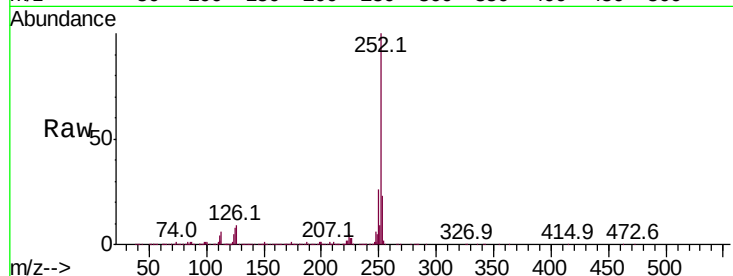
Tot Ion:252 Resp: 1473382

Ion Ratio Lower Upper

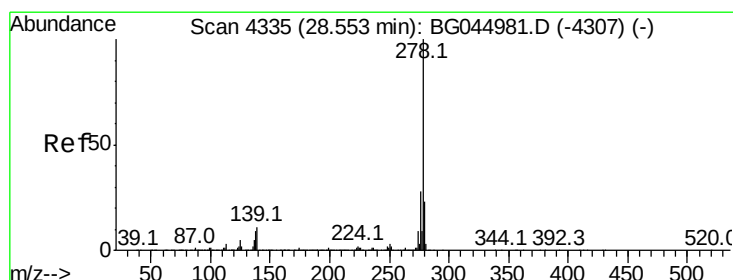
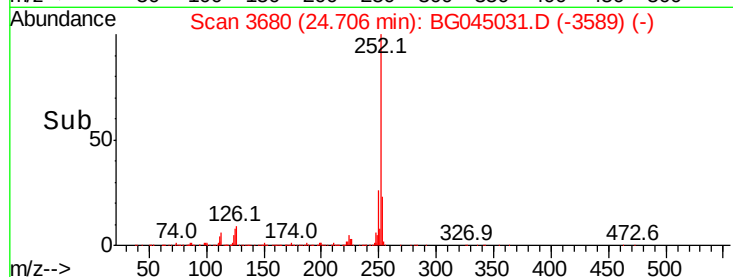
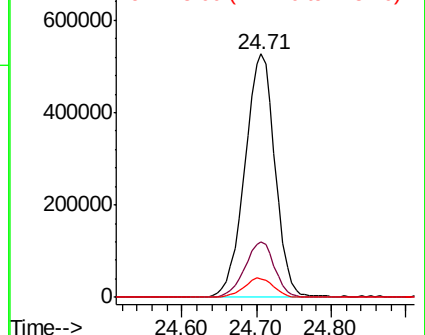
252 100

253 22.8 18.3 27.5

125 7.7 7.0 10.6



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



#91

Dibenzo(a,h)anthracene

Concen: 75.495 ng

RT: 28.55 min Scan# 4334

Delta R.T. 0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

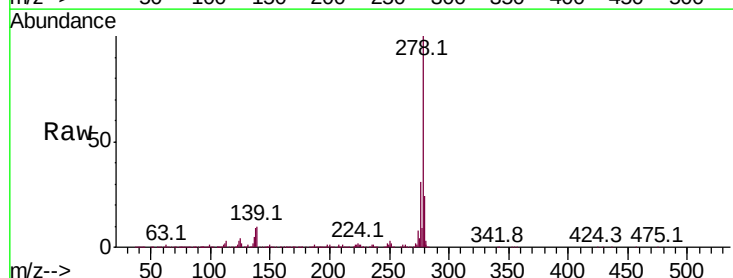
Tgt Ion:278 Resp: 1703756

Ion Ratio Lower Upper

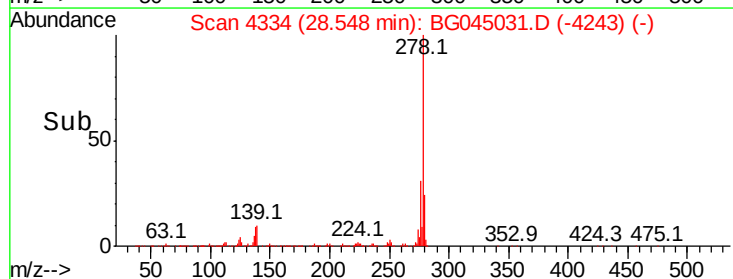
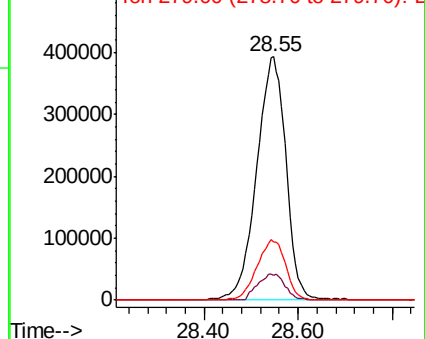
278 100

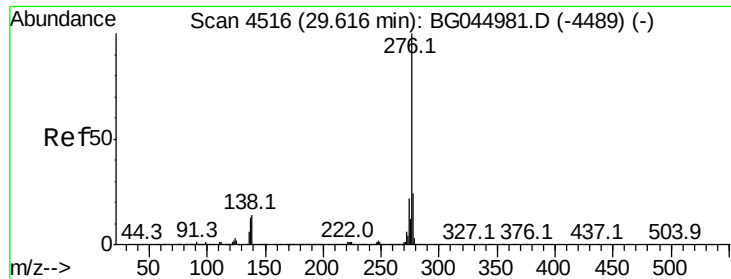
139 10.4 9.0 13.6

279 24.0 18.4 27.6



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(a,h,i)perylene

Concen: 67.629 ng

RT: 29.61 min Scan# 4514

Delta R.T. -0.00 min

Lab File: BG045031.D

Acq: 17 Apr 2020 13:48

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMSD

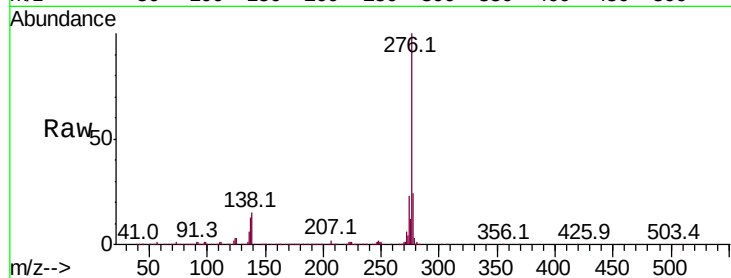
Tot Ion:276 Resp: 1530146

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 14.5 11.4 17.2



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

