

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
 Data File : BG045221.D
 Acq On : 1 May 2020 18:17
 Operator : CG/JU
 Sample : L2122-15MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Quant Time: May 01 18:52:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61656	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	248880	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	184976	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	472310	20.00	ng	0.00
76) Chrysene-d12	21.65	240	444518	20.00	ng	0.00
87) Perylene-d12	24.82	264	502994	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	507233	135.82	ng	0.00
7) Phenol-d6	7.16	99	640852	115.50	ng	0.00
23) Nitrobenzene-d5	9.15	82	508941	93.31	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	429090	150.16	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1212662	96.13	ng	0.00
79) Terphenyl-d14	19.99	244	2147034	105.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	73468	44.266	ng	# 46
3) Pyridine	3.86	79	96442	18.873	ng	99
4) n-Nitrosodimethylamine	3.76	42	73411	46.894	ng	99
6) Aniline	7.31	93	193979	26.888	ng	98
8) 2-Chlorophenol	7.56	128	202831	50.535	ng	98
9) Benzaldehyde	7.12	77	162119	58.597	ng	87
10) Phenol	7.19	94	227956	41.055	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	194810	44.067	ng	99
12) 1,3-Dichlorobenzene	7.88	146	201068	42.513	ng	97
13) 1,4-Dichlorobenzene	8.03	146	203138	43.104	ng	99
14) 1,2-Dichlorobenzene	8.34	146	193538	42.926	ng	97
15) Benzyl Alcohol	8.23	79	208494	44.817	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	181412	41.805	ng	97
17) 2-Methylphenol	8.44	107	178422	41.649	ng	94
18) Hexachloroethane	9.08	117	77346	43.657	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	170729	43.509	ng	96
20) 3+4-Methylphenols	8.77	107	246923	41.179	ng	98
22) Acetophenone	8.81	105	323011	47.993	ng	# 96
24) Nitrobenzene	9.19	77	263730	47.170	ng	92
25) Isophorone	9.72	82	502866	45.020	ng	98
26) 2-Nitrophenol	9.91	139	118841	49.346	ng	98
27) 2,4-Dimethylphenol	9.97	122	197157	51.594	ng	90
28) bis(2-Chloroethoxy)methane	10.20	93	270421	46.077	ng	97
29) 2,4-Dichlorophenol	10.45	162	220639	50.004	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	227611	45.561	ng	97
31) Naphthalene	10.85	128	636017	46.715	ng	99
32) Benzoic acid	10.12	122	121290	40.447	ng	91
33) 4-Chloroaniline	10.95	127	93036	14.652	ng	98
34) Hexachlorobutadiene	11.15	225	155772	45.478	ng	98
35) Caprolactam	11.72	113	35778	20.373	ng	92
36) 4-Chloro-3-methylphenol	12.09	107	252638	48.740	ng	92
37) 2-Methylnaphthalene	12.46	142	500936	47.403	ng	96
38) 1-Methylnaphthalene	12.67	142	478783	47.992	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	282653	47.459	ng	98

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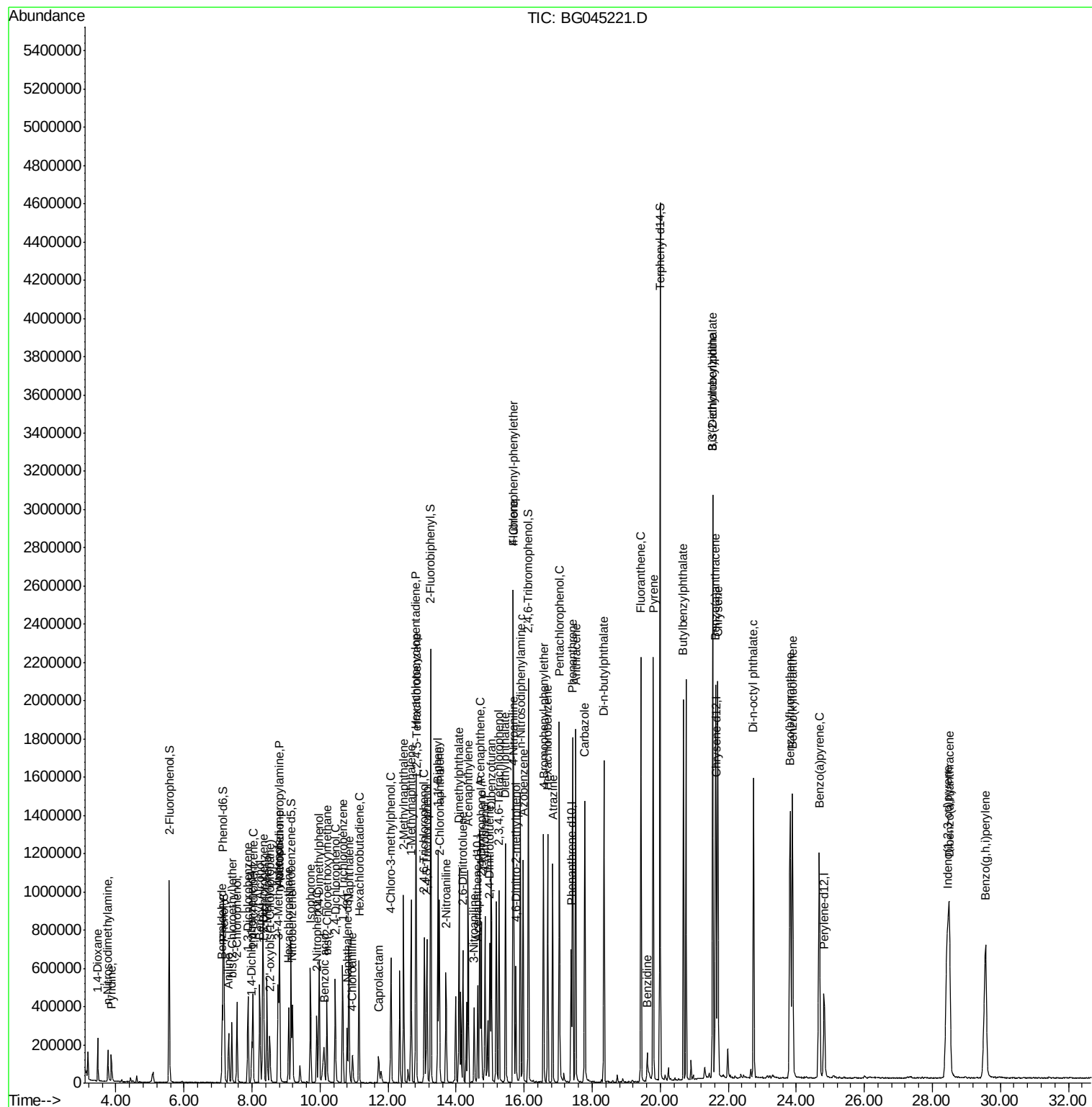
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	382638	102.793	ng	98
43) 2,4,6-Trichlorophenol	13.07	196	208619	49.632	ng	95
44) 2,4,5-Trichlorophenol	13.14	196	227648	47.580	ng	99
46) 1,1'-Biphenyl	13.47	154	664521	47.265	ng	98
47) 2-Chloronaphthalene	13.51	162	498670	46.419	ng	100
48) 2-Nitroaniline	13.70	65	168558	47.688	ng	99
49) Acenaphthylene	14.35	152	859165	49.099	ng	100
50) Dimethylphthalate	14.09	163	776465	51.553	ng	98
51) 2,6-Dinitrotoluene	14.20	165	166292	49.362	ng	99
52) Acenaphthene	14.70	154	524597	44.309	ng	98
53) 3-Nitroaniline	14.53	138	107839	29.186	ng	93
54) 2,4-Dinitrophenol	14.74	184	219867	109.757	ng	94
55) Dibenzofuran	15.04	168	837755	48.534	ng	98
56) 4-Nitrophenol	14.85	139	236129	82.423	ng	93
57) 2,4-Dinitrotoluene	14.99	165	234625	47.657	ng	99
58) Fluorene	15.68	166	707746	50.198	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	223084	52.402	ng	98
60) Diethylphthalate	15.45	149	741546	47.223	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	394566	48.620	ng	98
62) 4-Nitroaniline	15.70	138	164506	42.926	ng	88
63) Azobenzene	15.97	77	718461	49.625	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	158820	51.158	ng	97
66) n-Nitrosodiphenylamine	15.89	169	641883	47.300	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	278010	45.626	ng	97
68) Hexachlorobenzene	16.69	284	300445	47.544	ng	99
69) Atrazine	16.84	200	241592	49.263	ng	97
70) Pentachlorophenol	17.03	266	382767	98.736	ng	98
71) Phenanthrene	17.43	178	1168291	48.136	ng	100
72) Anthracene	17.51	178	1206638	49.562	ng	100
73) Carbazole	17.78	167	1097822	44.434	ng	98
74) Di-n-butylphthalate	18.35	149	1318954	49.672	ng	99
75) Fluoranthene	19.44	202	1474535	52.751	ng	98
77) Benzidine	19.62	184	193483	10.456	ng	99
78) Pyrene	19.79	202	1459243	47.617	ng	100
80) Butylbenzylphthalate	20.68	149	602051	47.395	ng	98
81) Benzo(a)anthracene	21.63	228	1418311	49.228	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	447334	39.009	ng	98
83) Chrysene	21.69	228	1362548	49.221	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	844515	48.339	ng	100
85) Di-n-octyl phthalate	22.74	149	1448740	47.953	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1863718	50.709	ng	# 97
88) Benzo(b)fluoranthene	23.82	252	1540671	48.899	ng	99
89) Benzo(k)fluoranthene	23.89	252	1502656	50.150	ng	98
90) Benzo(a)pyrene	24.68	252	1423990	47.869	ng	99
91) Dibenzo(a,h)anthracene	28.50	278	1490900	49.738	ng	96
92) Benzo(g,h,i)perylene	29.56	276	1545859	51.440	ng	99

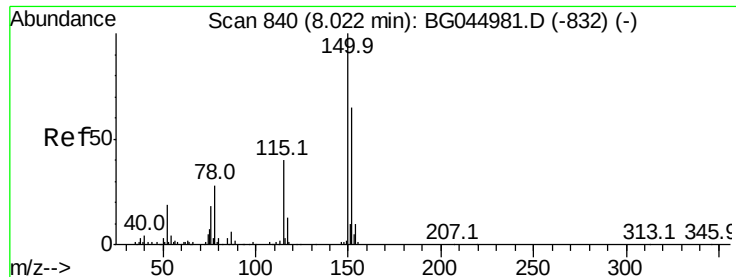
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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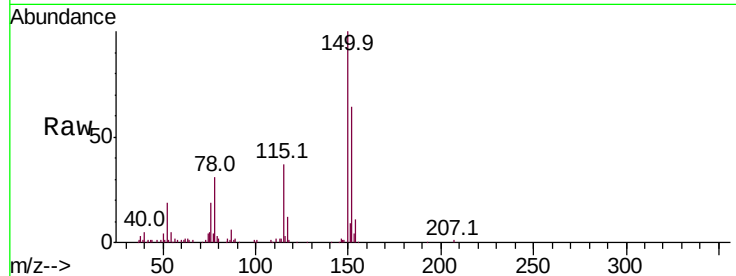


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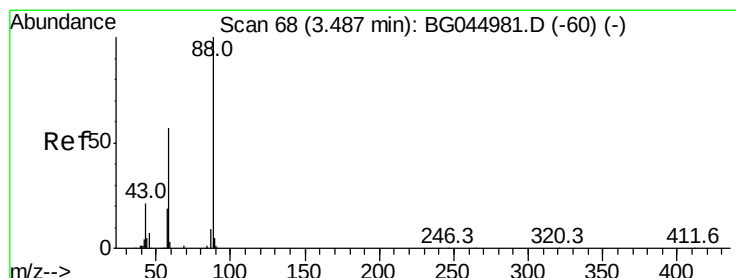
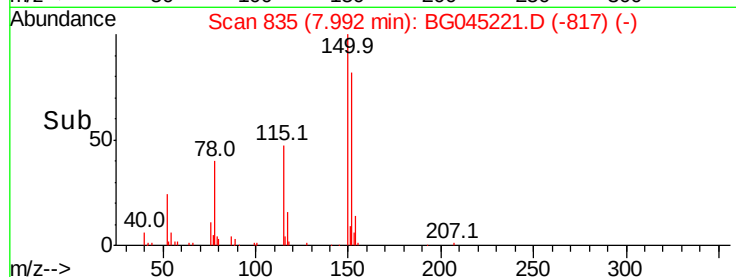
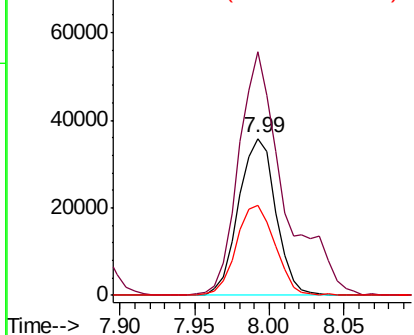
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion:152 Resp: 61656
Ion Ratio Lower Upper
152 100
150 155.3 123.6 185.4
115 57.3 49.1 73.7



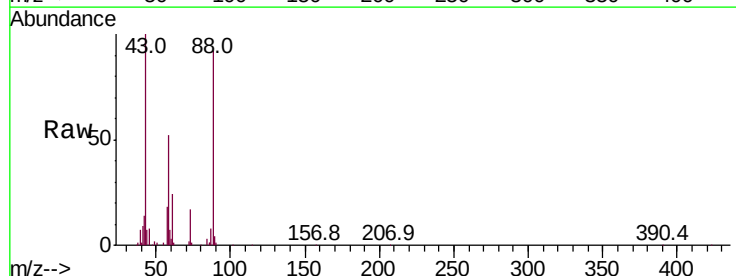
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



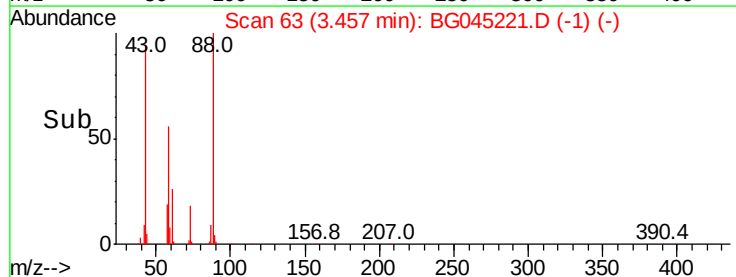
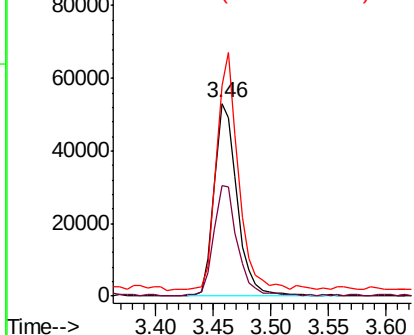
#2

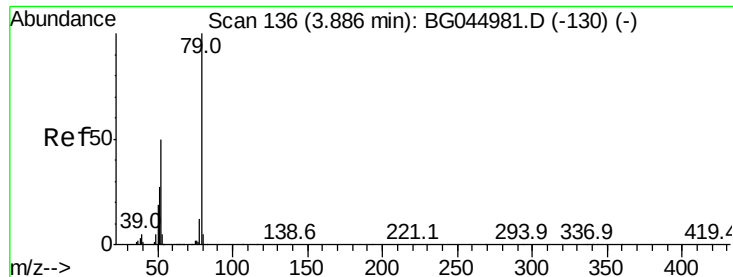
1,4-Dioxane
Concen: 44.266 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion: 88 Resp: 73468
Ion Ratio Lower Upper
88 100
58 58.2 46.6 69.8
43 115.6 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





#3

Pvridine

Concen: 18.873 ng

RT: 3.86 min Scan# 132

Delta R.T. 0.02 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

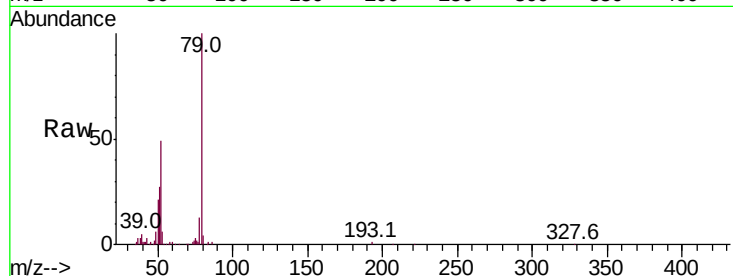
Tot Ion: 79 Resp: 96442

Ion Ratio Lower Upper

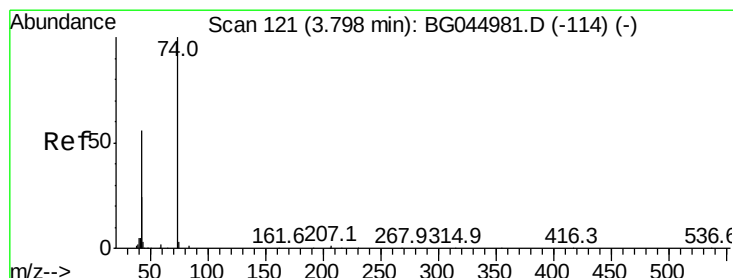
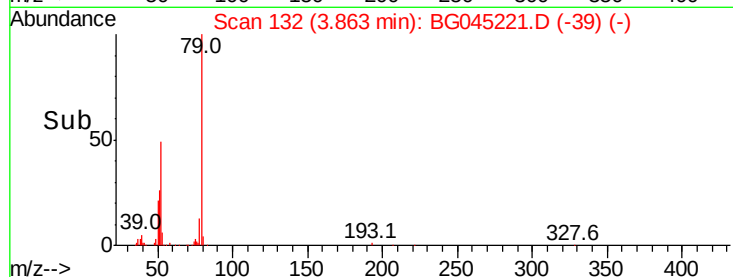
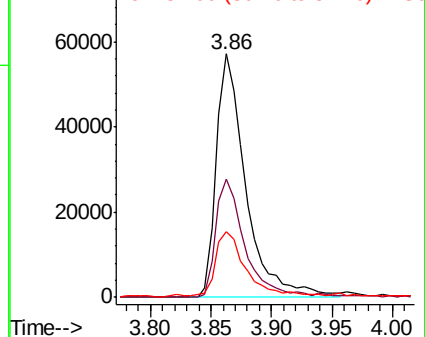
79 100

52 48.5 39.8 59.6

51 26.9 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 46.894 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

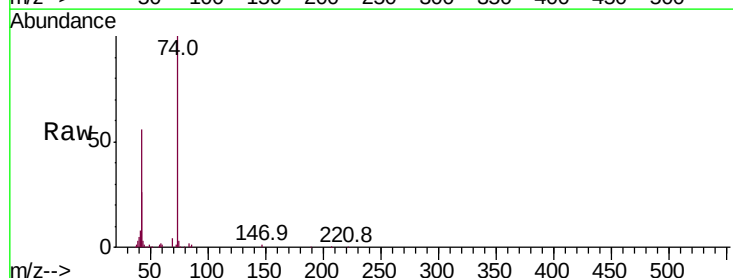
Tgt Ion: 42 Resp: 73411

Ion Ratio Lower Upper

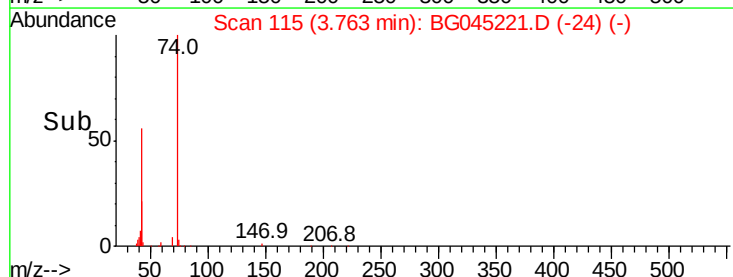
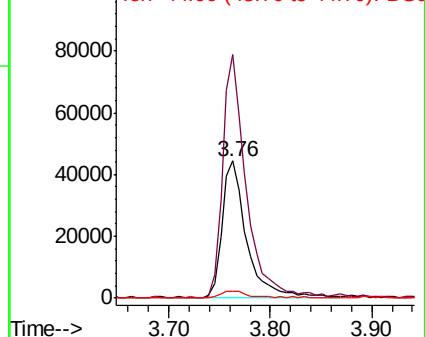
42 100

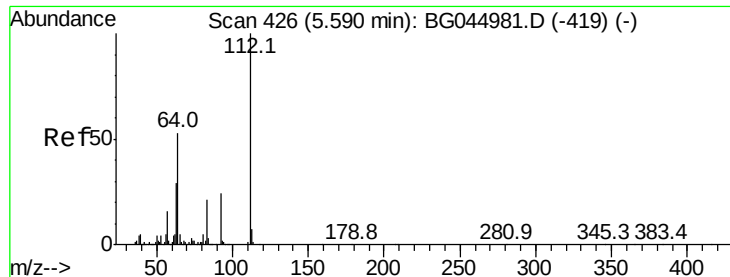
74 177.5 143.0 214.6

44 4.8 4.6 6.8



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





#5

2-Fluorophenol

Concen: 135.820 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045221.D

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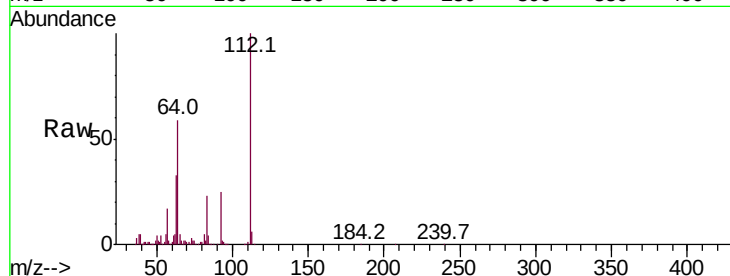
Tot Ion:112 Resp: 507233

Ion Ratio Lower Upper

112 100

64 58.9 42.4 63.6

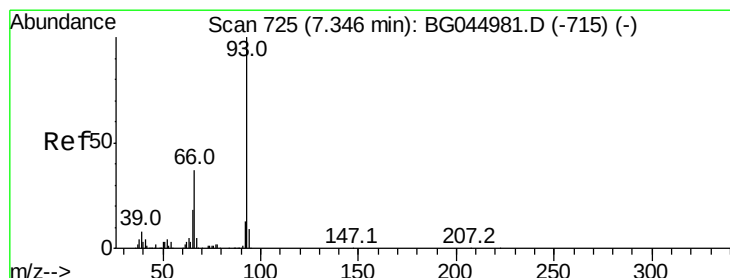
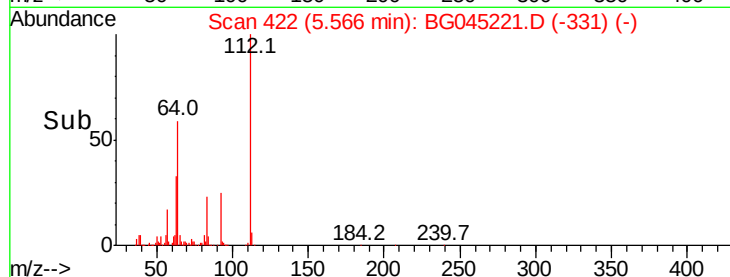
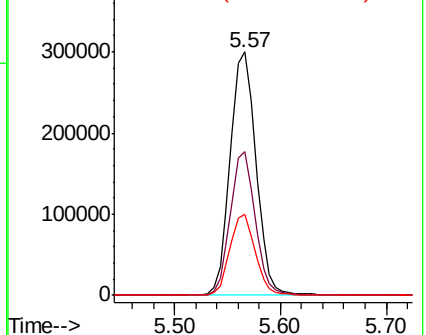
63 33.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.888 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

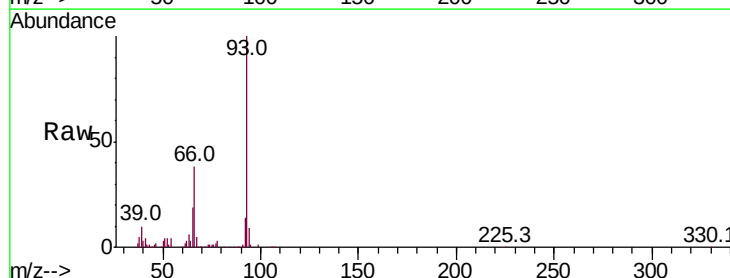
Tgt Ion: 93 Resp: 193979

Ion Ratio Lower Upper

93 100

66 38.4 29.8 44.8

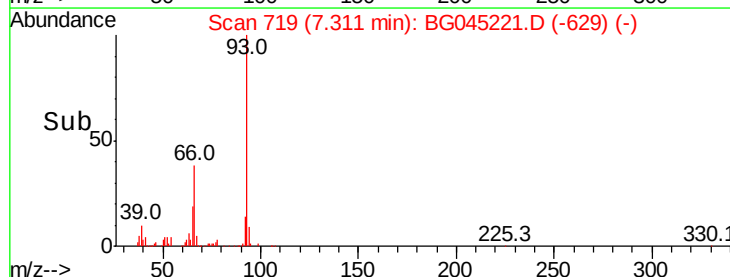
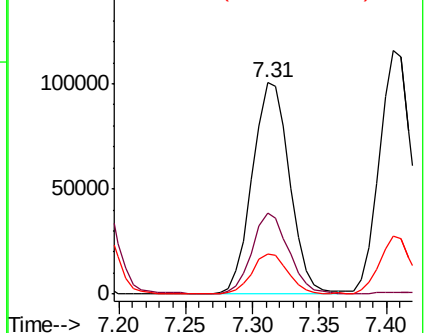
65 19.2 14.6 22.0

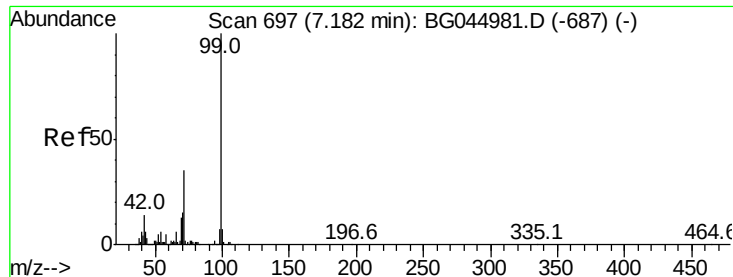


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.497 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

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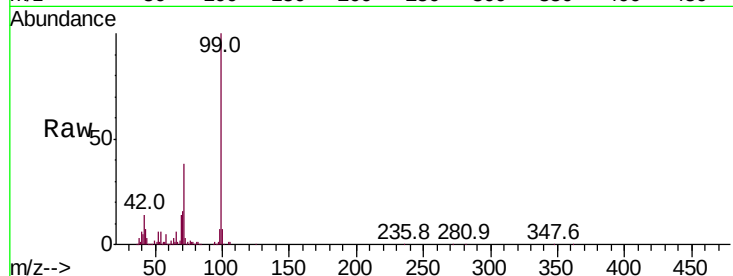
Tot Ion: 99 Resp: 640852

Ion Ratio Lower Upper

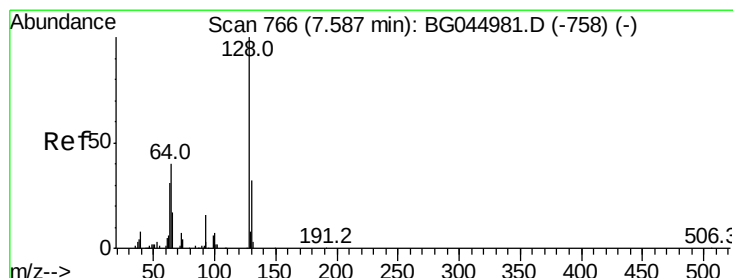
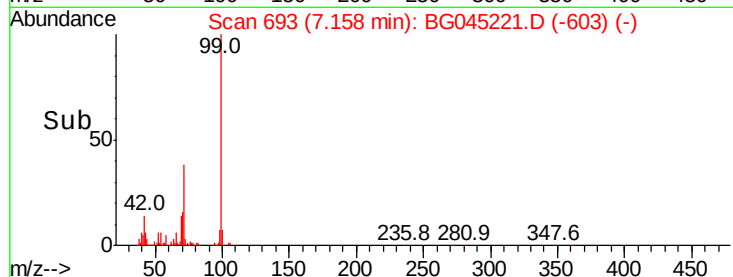
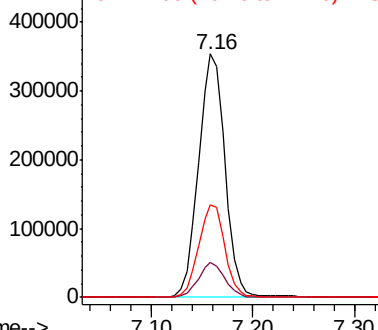
99 100

42 14.2 11.3 16.9

71 37.8 28.3 42.5



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



#8

2-Chlorophenol

Concen: 50.535 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

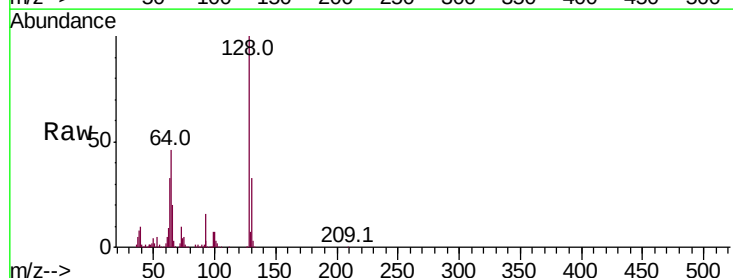
Tgt Ion: 128 Resp: 202831

Ion Ratio Lower Upper

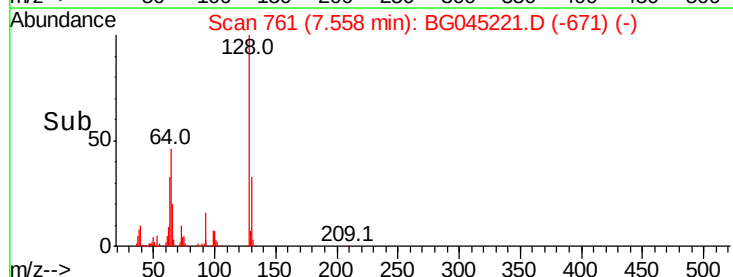
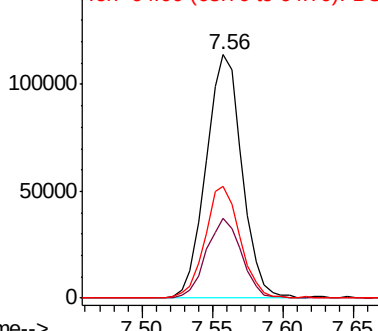
128 100

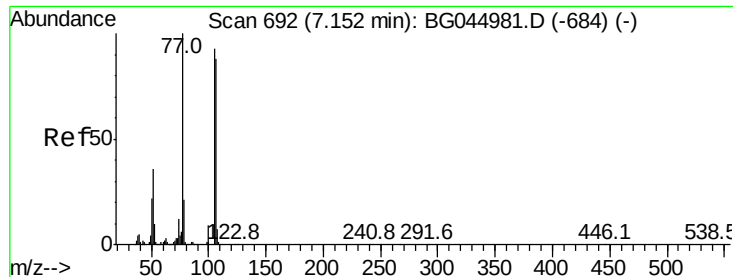
130 32.6 12.3 52.3

64 46.0 24.4 64.4



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





#9

Benzaldehyde

Concen: 58.597 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

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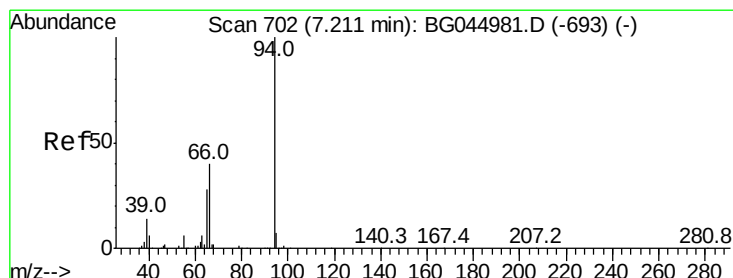
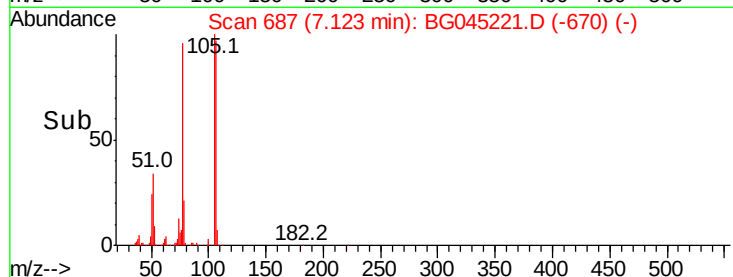
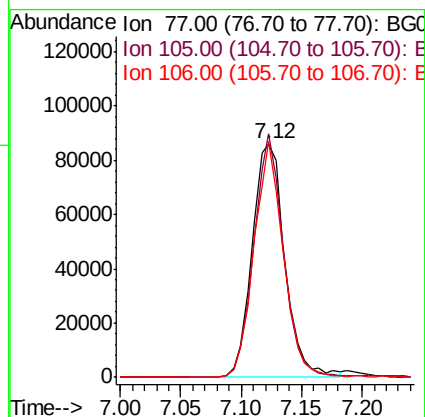
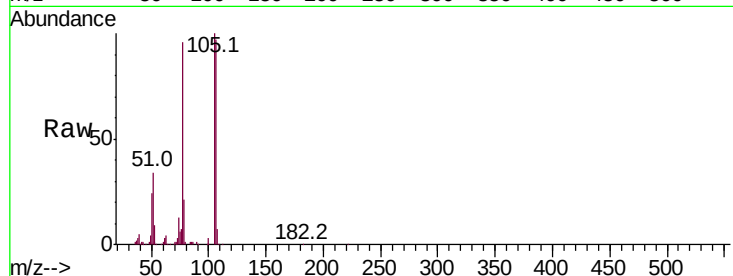
Tot Ion: 77 Resp: 162119

Ion Ratio Lower Upper

77 100

105 104.2 72.9 112.9

106 100.9 67.6 107.6



#10

Phenol

Concen: 41.055 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

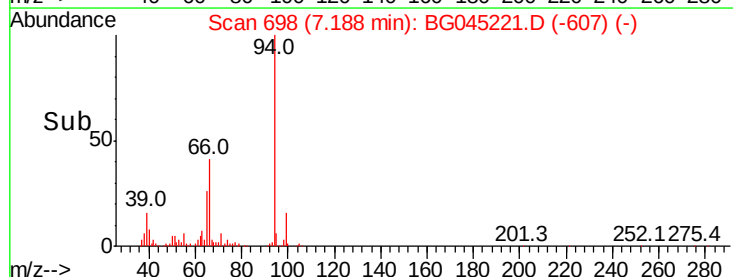
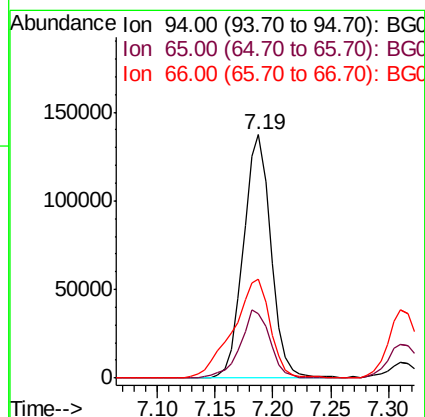
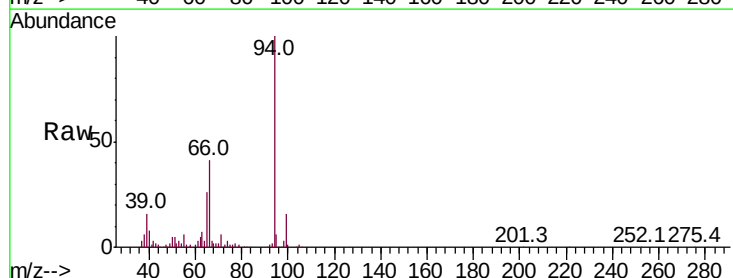
Tgt Ion: 94 Resp: 227956

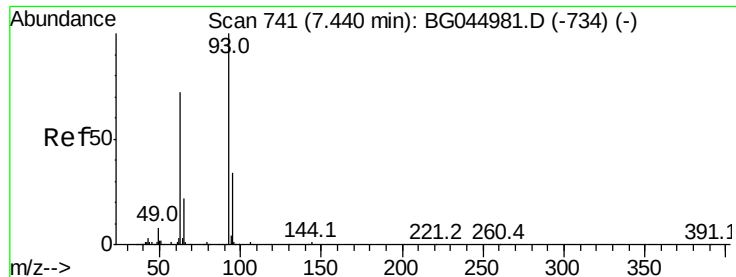
Ion Ratio Lower Upper

94 100

65 26.5 8.2 48.2

66 40.5 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 44.067 ng

RT: 7.40 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

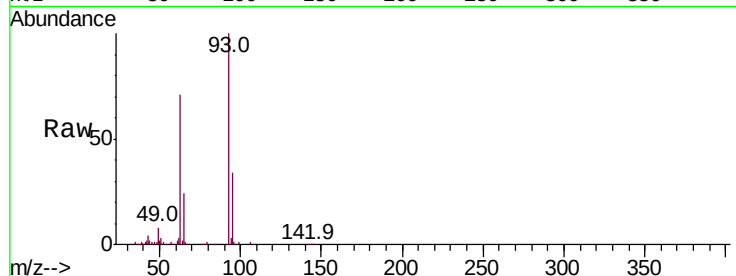
Tot Ion: 93 Resp: 194810

Ion Ratio Lower Upper

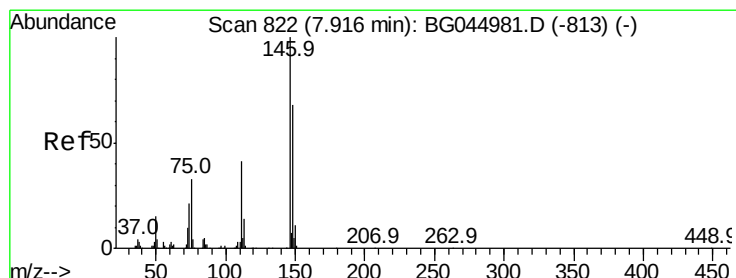
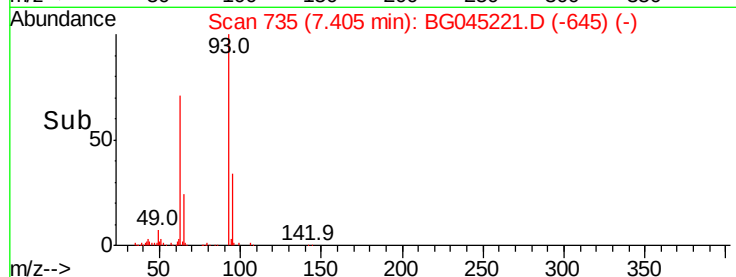
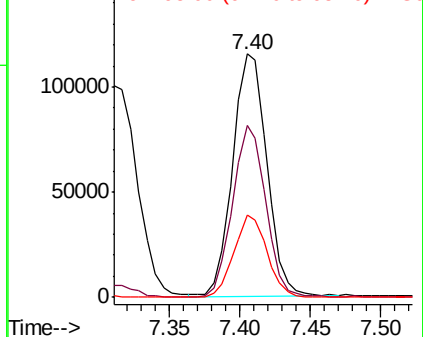
93 100

63 70.6 51.8 91.8

95 33.6 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.513 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

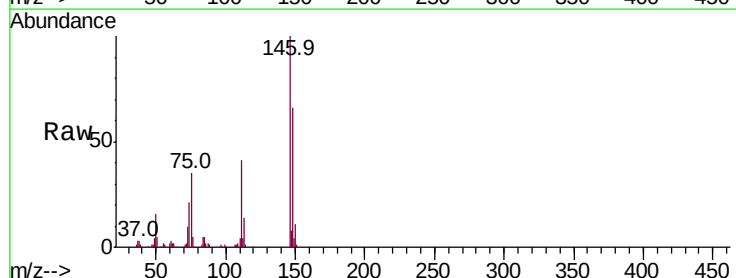
Tgt Ion: 146 Resp: 201068

Ion Ratio Lower Upper

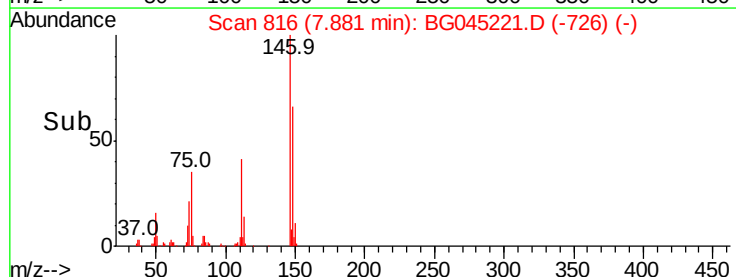
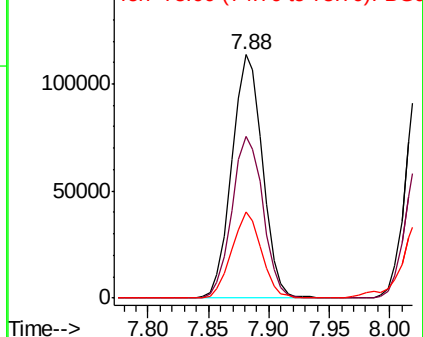
146 100

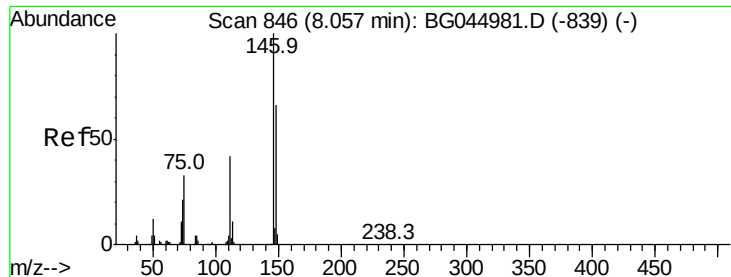
148 66.2 54.6 81.8

75 35.4 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.104 ng

RT: 8.03 min Scan# 841

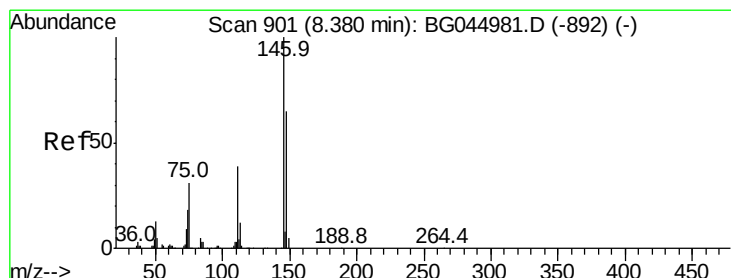
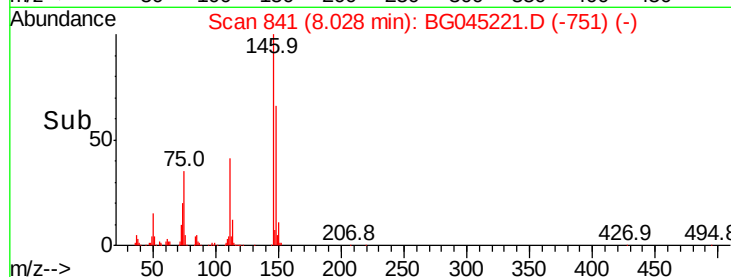
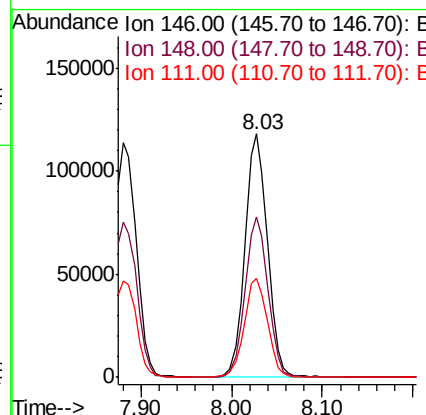
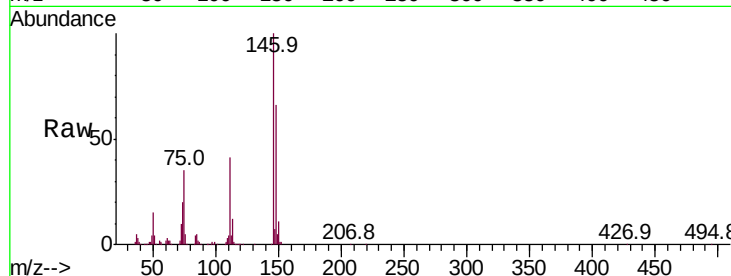
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.3	79.9
111	40.8	33.8	50.8



#14

1,2-Dichlorobenzene

Concen: 42.926 ng

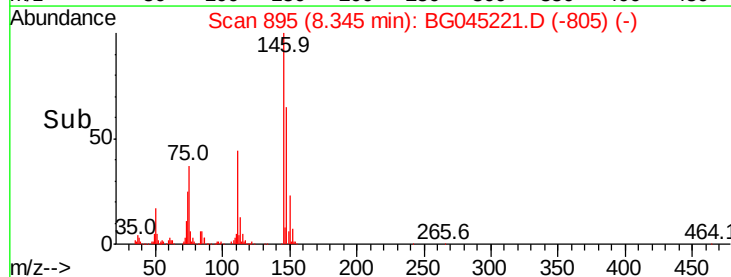
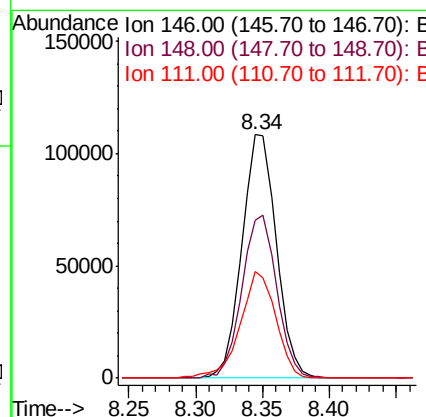
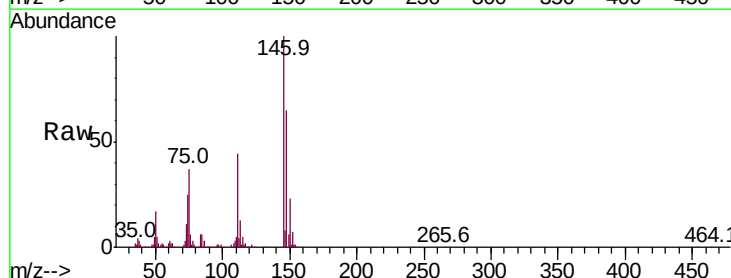
RT: 8.34 min Scan# 895

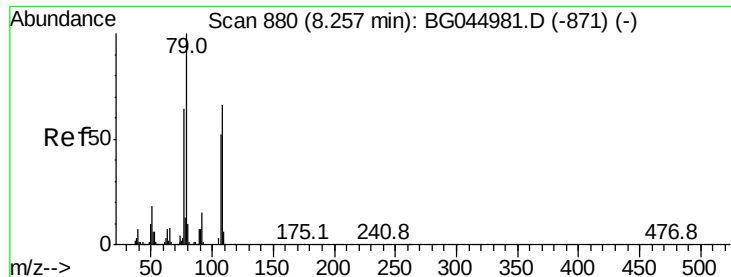
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	44.0	31.3	46.9





#15

Benzyl Alcohol

Concen: 44.817 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

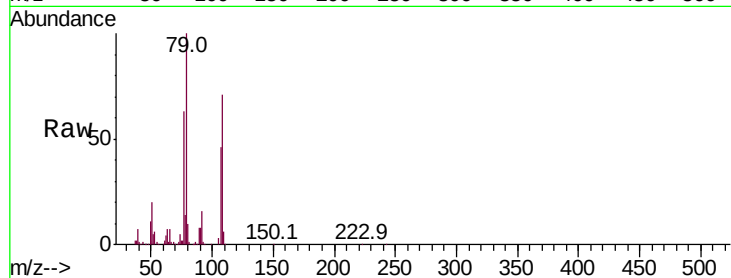
Tot Ion: 79 Resp: 208494

Ion Ratio Lower Upper

79 100

108 70.6 52.7 79.1

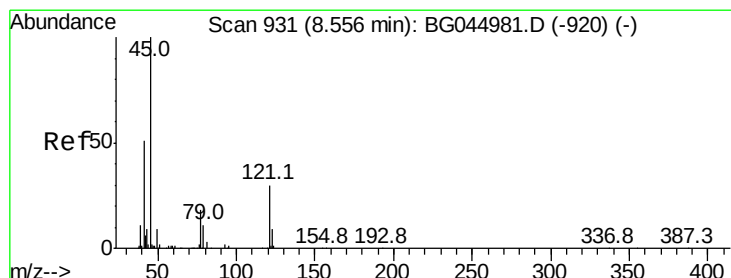
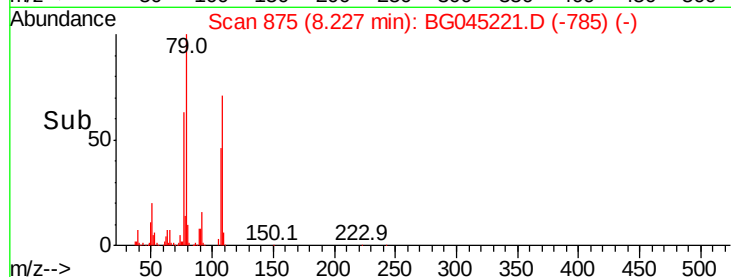
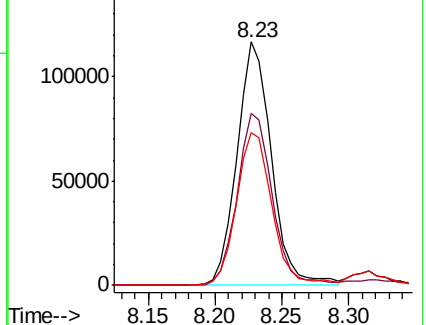
77 62.8 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.805 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

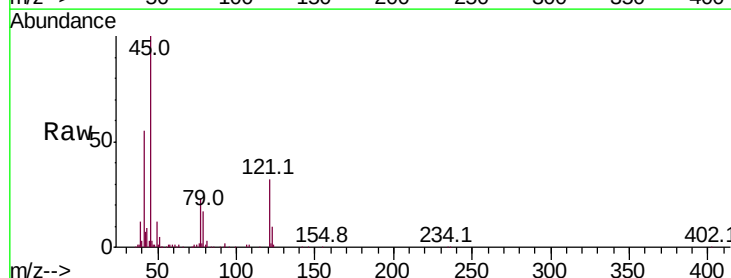
Tgt Ion: 45 Resp: 181412

Ion Ratio Lower Upper

45 100

77 23.2 1.9 41.9

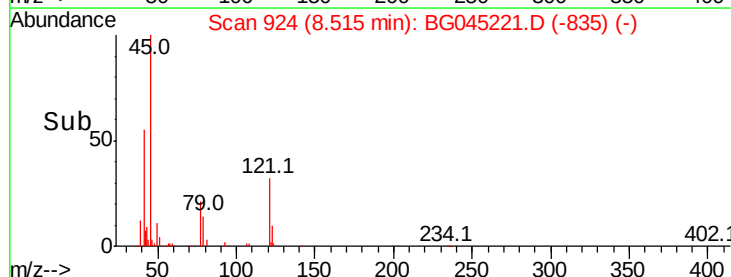
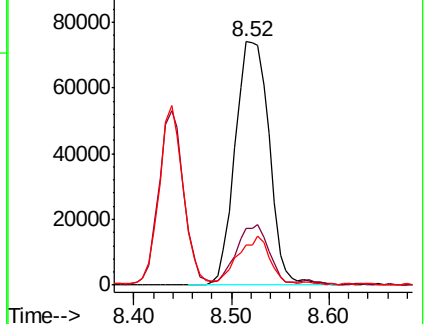
79 16.5 0.0 35.5

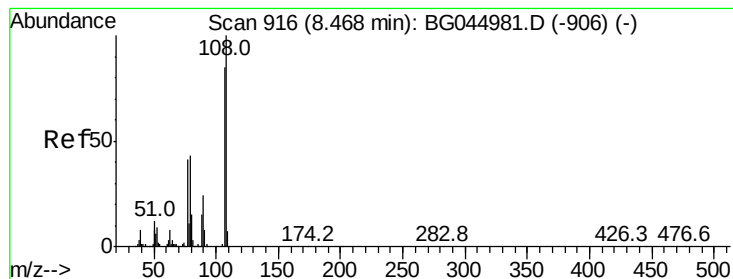


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.649 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:107 Resp: 178422

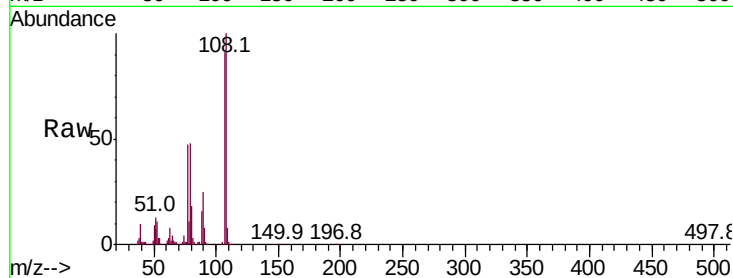
Ion Ratio Lower Upper

107 100

108 109.6 93.8 140.6

77 51.0 38.5 57.7

79 52.5 40.1 60.1

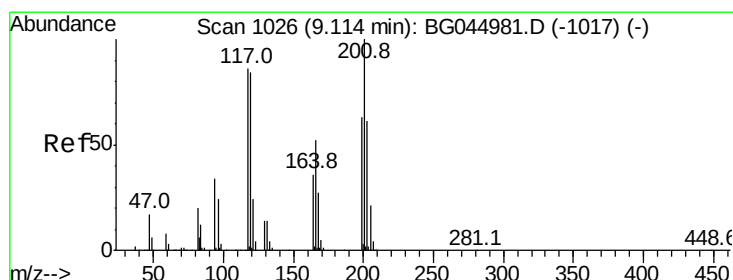
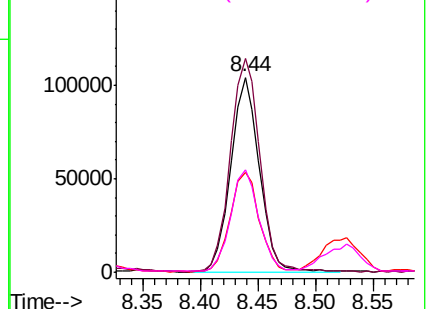
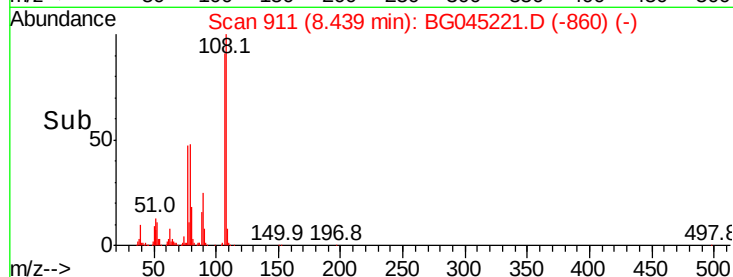


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.657 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

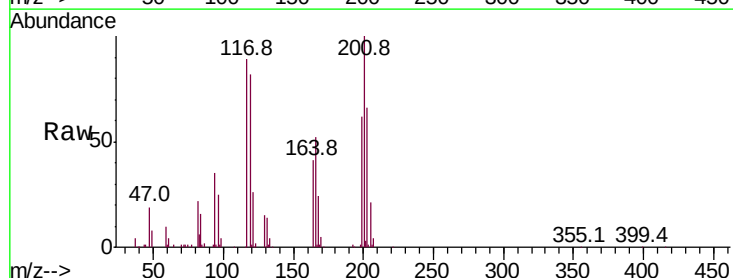
Tgt Ion:117 Resp: 77346

Ion Ratio Lower Upper

117 100

119 92.1 78.3 117.5

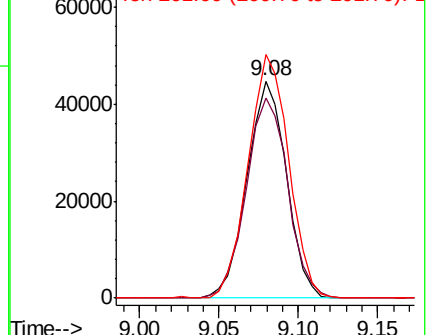
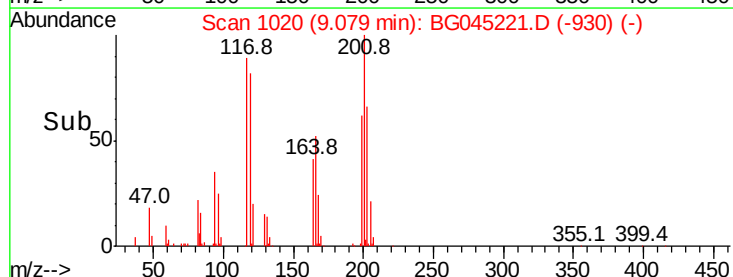
201 112.3 92.9 139.3

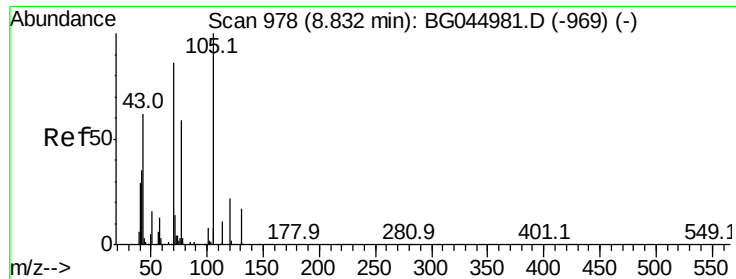


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

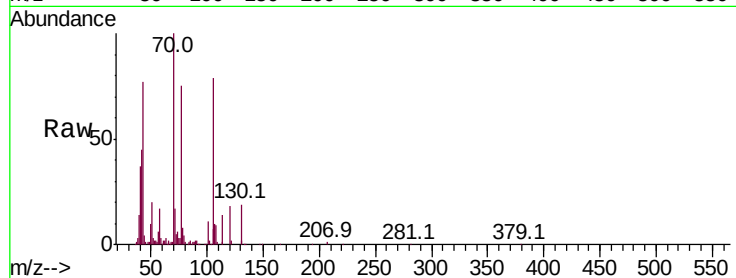




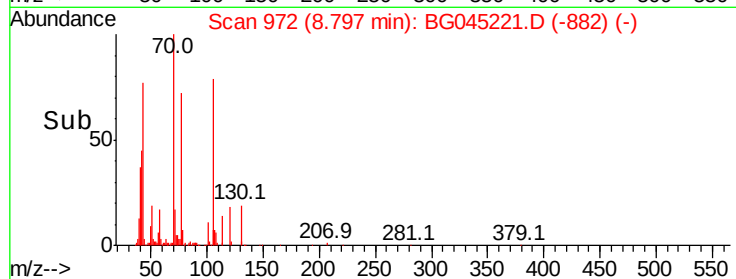
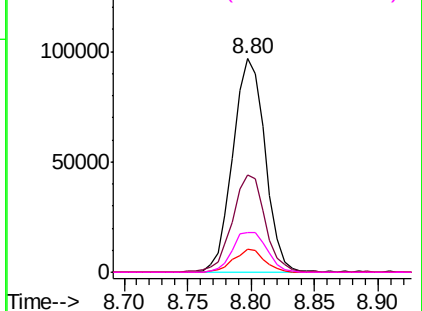
#19
n-Nitroso-di-n-propylamine
Concen: 43.509 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion:	70	Resp:	170729
Ion	Ratio	Lower	Upper
70	100		
42	45.3	33.3	49.9
101	11.0	7.8	11.8
130	18.8	15.8	23.6

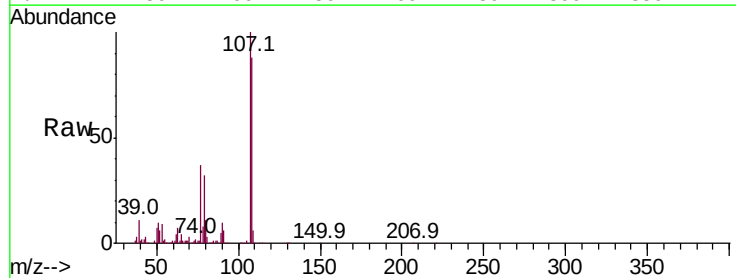
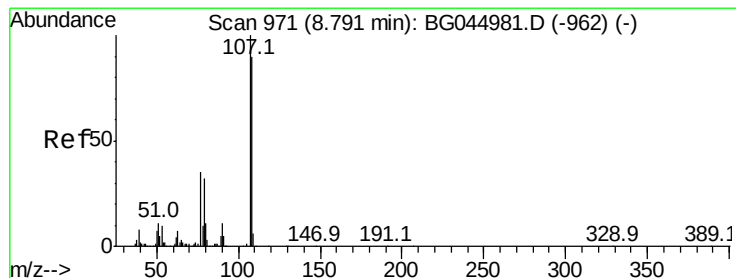


Abundance Ion 70.00 (69.70 to 70.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
100000
Ion 101.00 (100.70 to 101.70): BGC
50000
Ion 130.00 (129.70 to 130.70): BGC

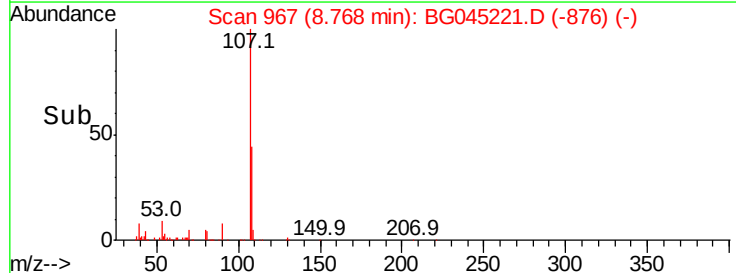
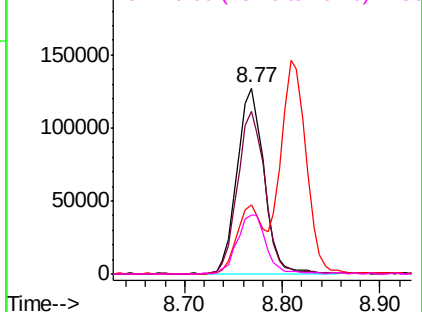


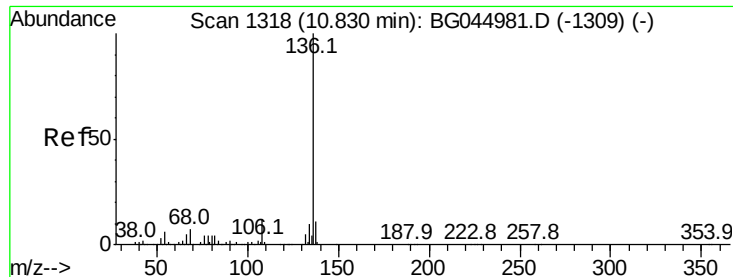
#20
3+4-Methylphenols
Concen: 41.179 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:	107	Resp:	246923
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.9	109.9
77	37.1	15.2	55.2
79	31.8	11.6	51.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
200000
Ion 108.00 (107.70 to 108.70): BGC
150000
Ion 77.00 (76.70 to 77.70): BGC
100000
Ion 79.00 (78.70 to 79.70): BGC

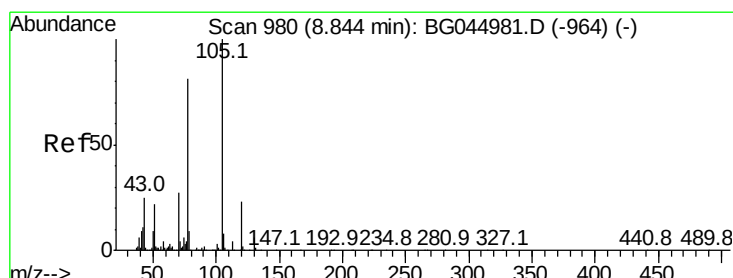
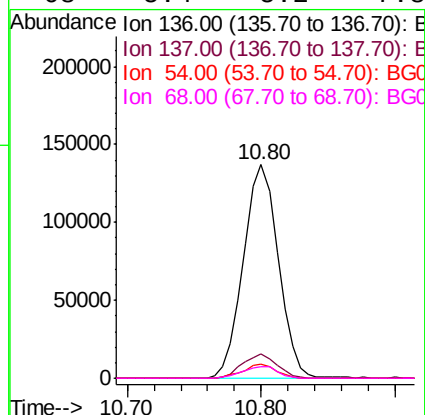
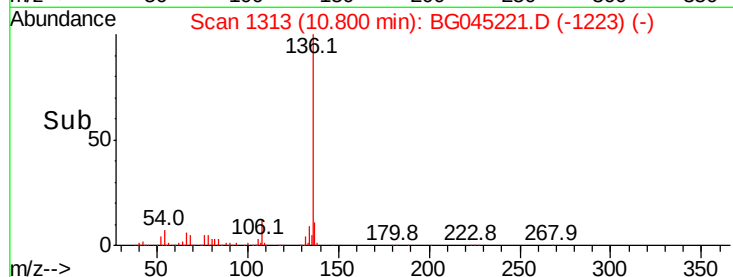
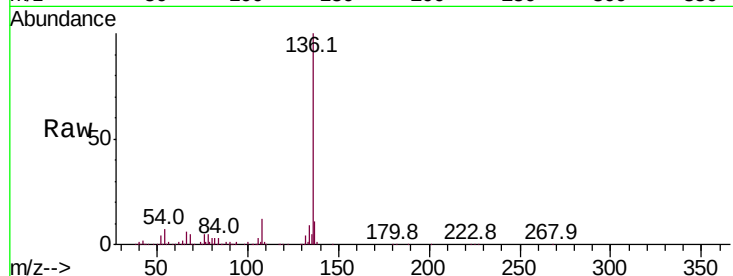




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

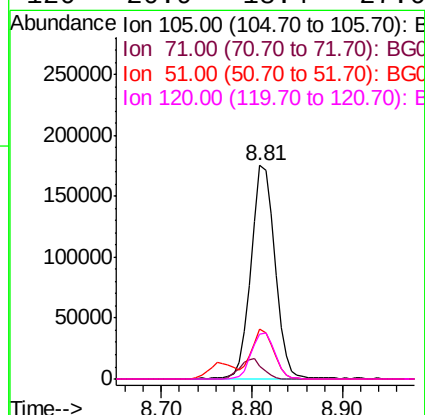
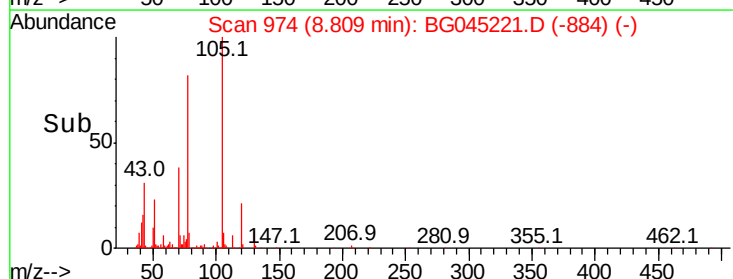
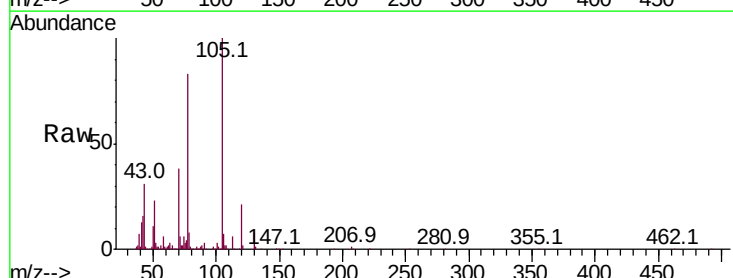
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

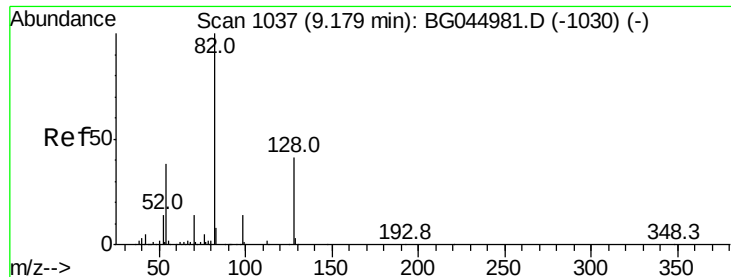
Tot Ion:136	Resp: 248880
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 6.6	4.8 7.2
68 5.4	5.2 7.8



#22
Acetophenone
Concen: 47.993 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt	Ion:105	Resp:	323011
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.3	4.9#
51	23.1	17.3	25.9
120	20.9	18.4	27.6

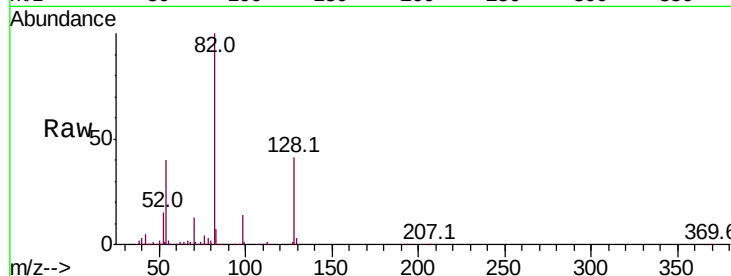




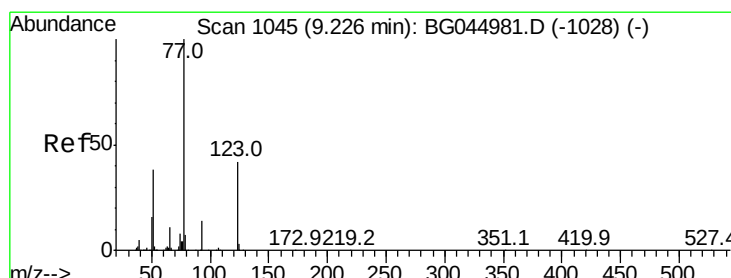
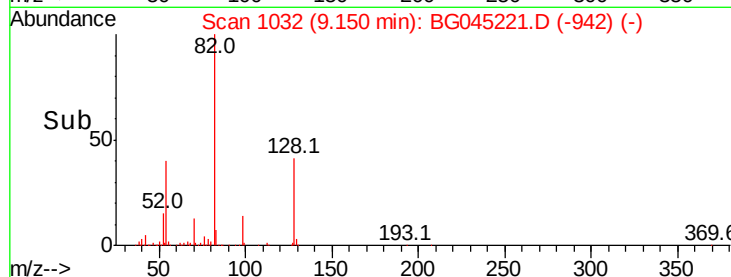
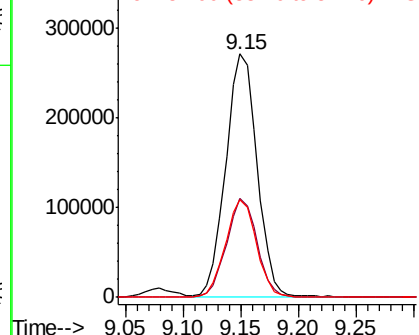
#23
 Nitrobenzene-d5
 Concen: 93.308 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	39.9	30.4	45.6

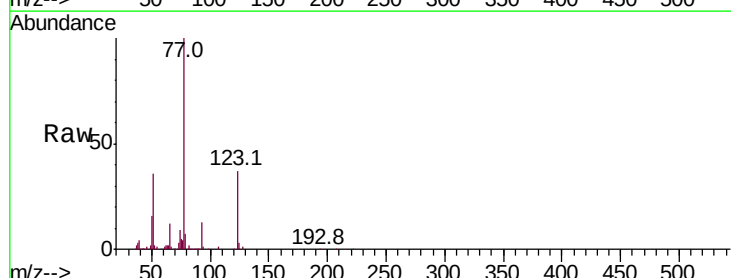


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

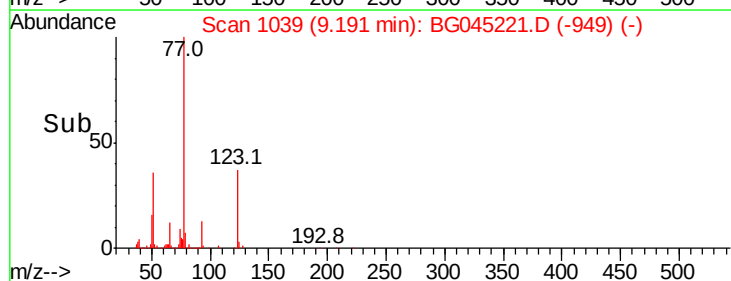
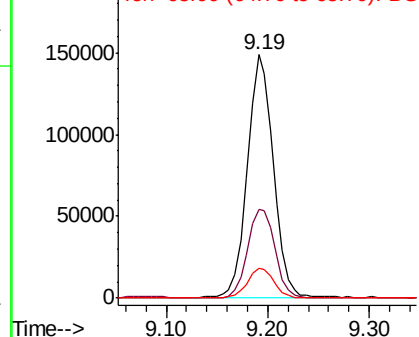


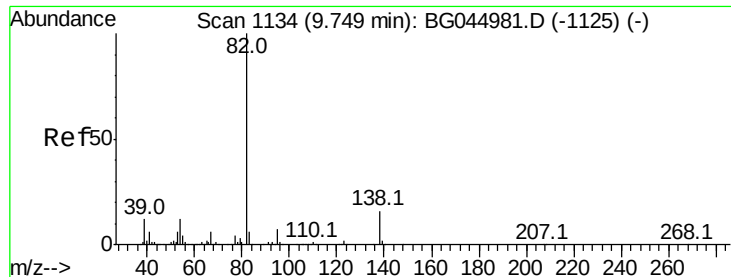
#24
 Nitrobenzene
 Concen: 47.170 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	34.3	51.5
65	12.2	8.9	13.3



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





#25

Isophorone

Concen: 45.020 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

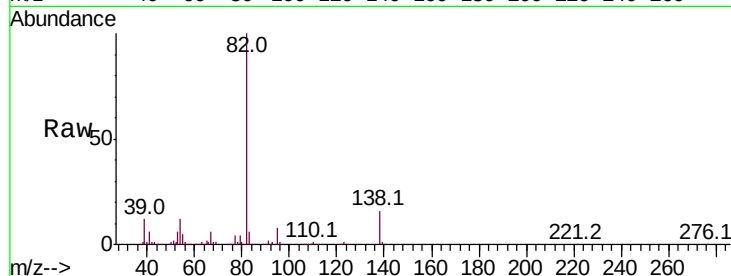
Tot Ion: 82 Resp: 502866

Ion Ratio Lower Upper

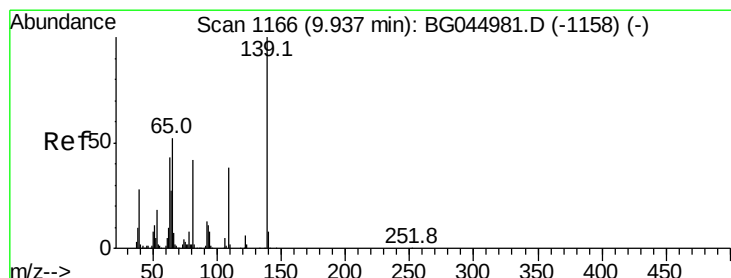
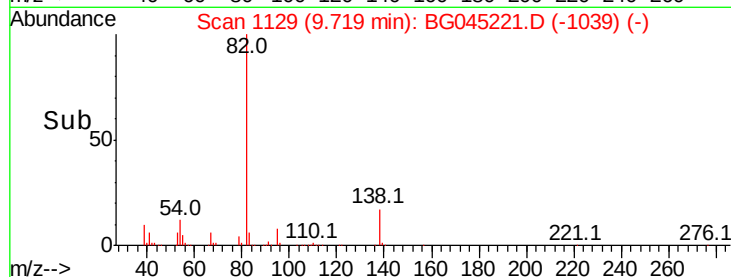
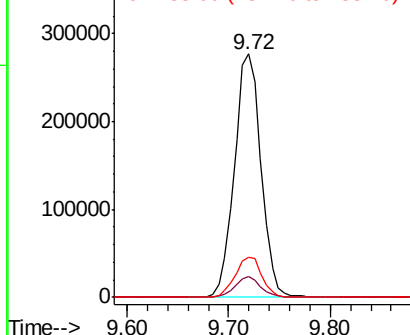
82 100

95 8.3 6.0 9.0

138 16.5 12.7 19.1



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



#26

2-Nitrophenol

Concen: 49.346 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

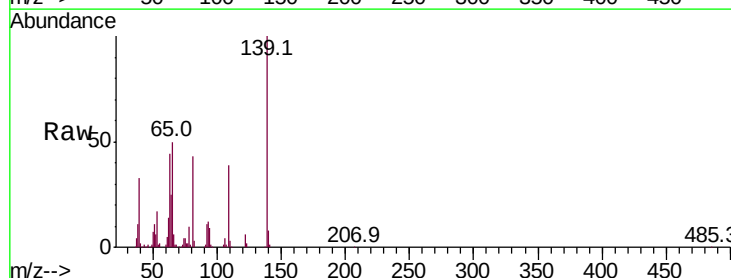
Tgt Ion: 139 Resp: 118841

Ion Ratio Lower Upper

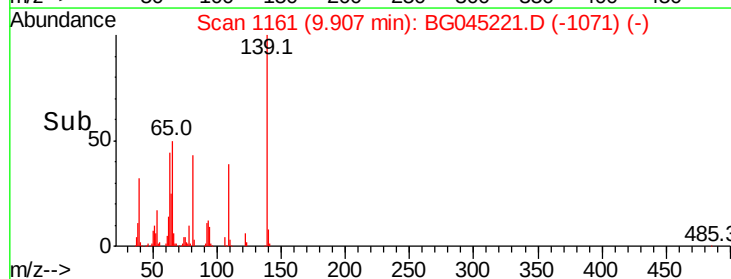
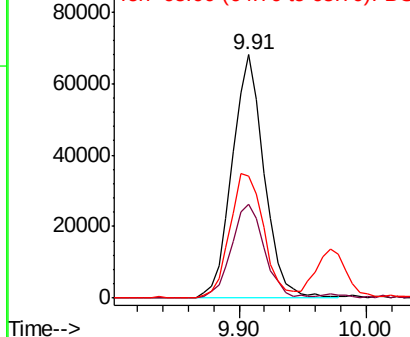
139 100

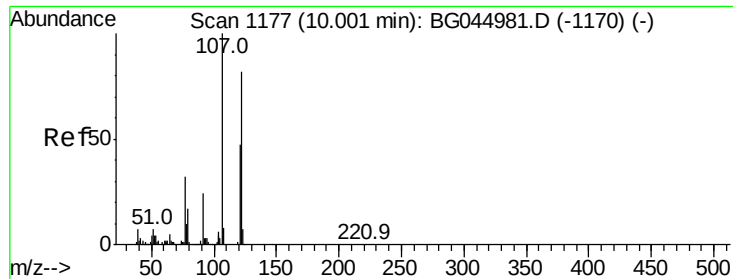
109 38.6 30.6 45.8

65 50.1 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

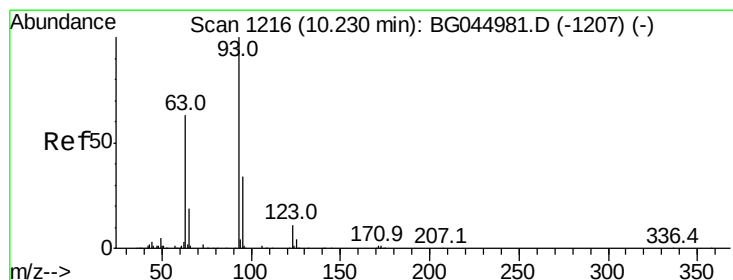
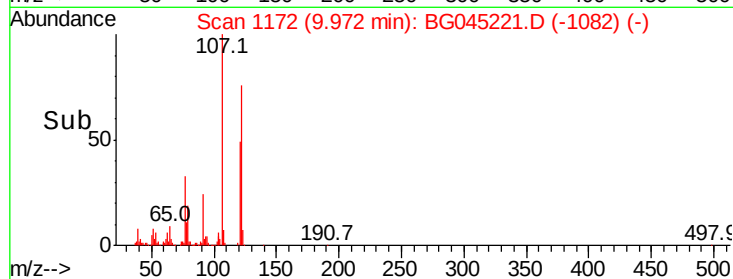
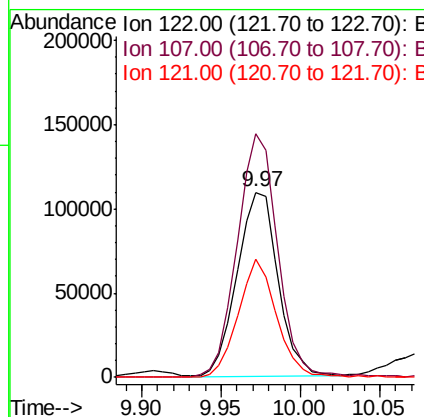
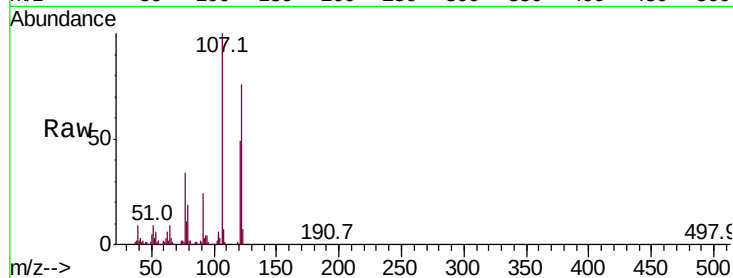




#27
2,4-Dimethylphenol
Concen: 51.594 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

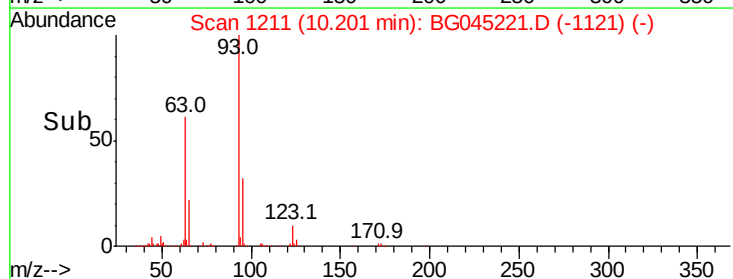
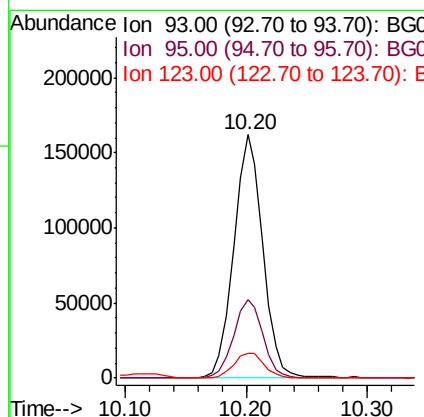
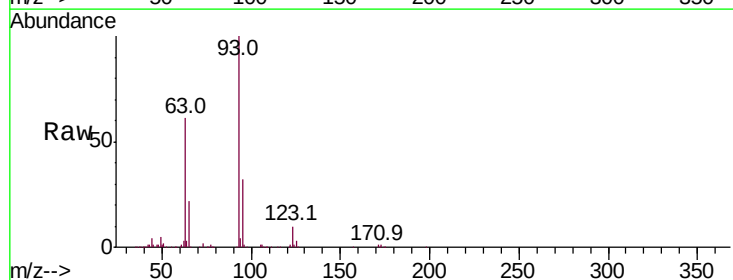
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

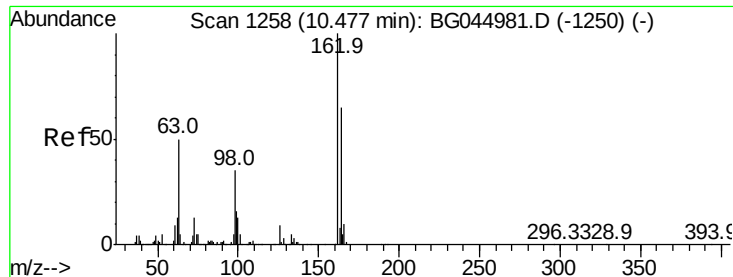
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	96.8	145.2
121	64.3	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.077 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.0	40.4
123	10.2	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 50.004 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

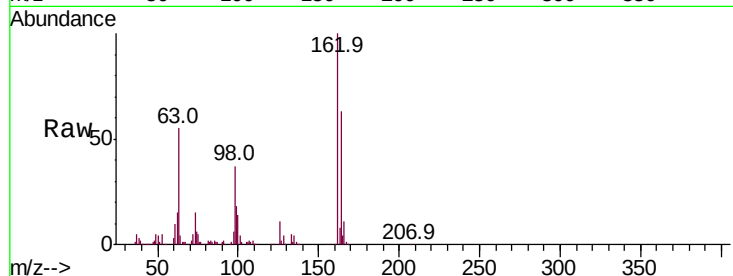
Tot Ion:162 Resp: 220639

Ion Ratio Lower Upper

162 100

164 63.4 45.0 85.0

98 37.1 15.2 55.2

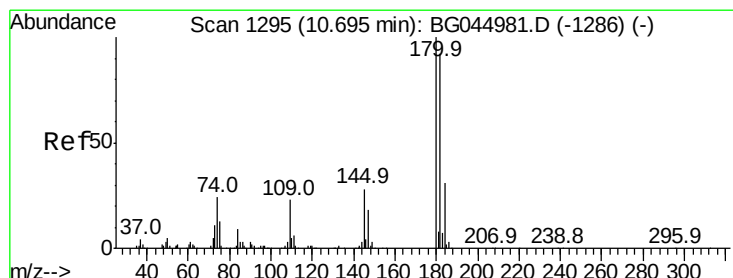
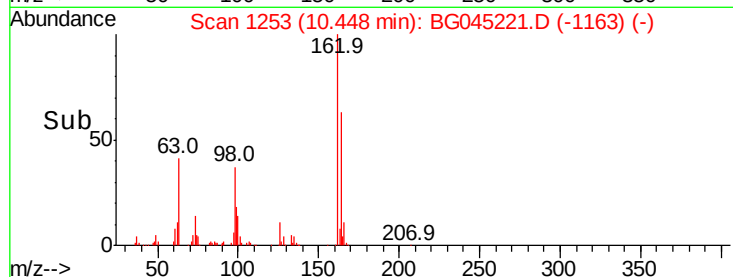
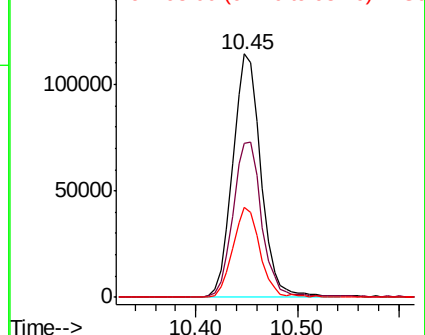


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 45.561 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

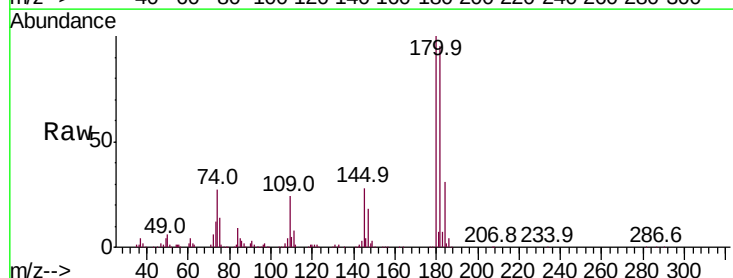
Tgt Ion:180 Resp: 227611

Ion Ratio Lower Upper

180 100

182 94.8 73.3 109.9

145 27.9 22.6 33.8

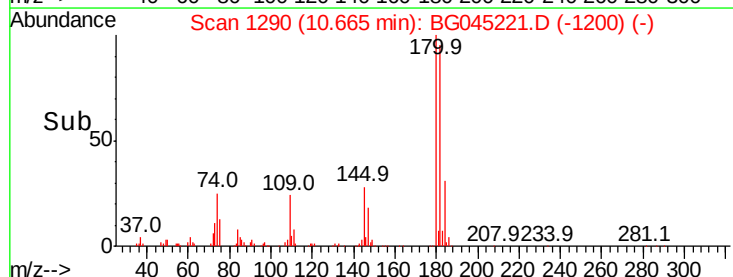
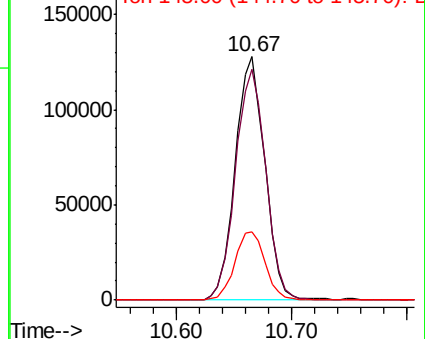


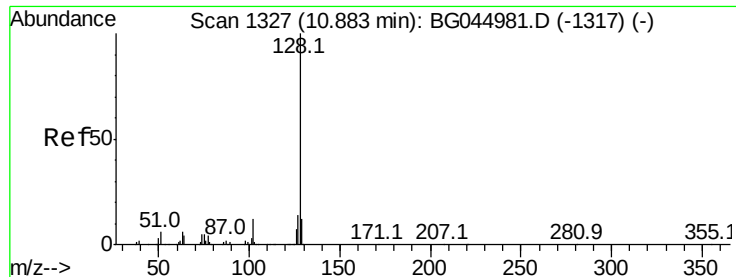
Abundance

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

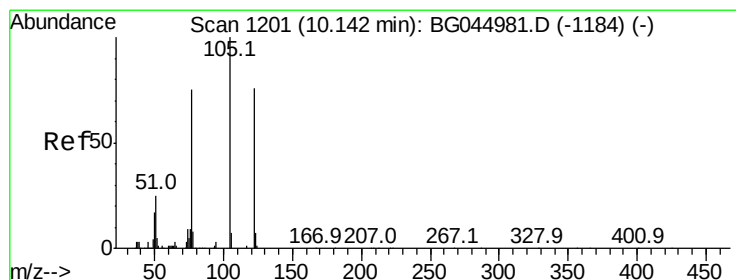
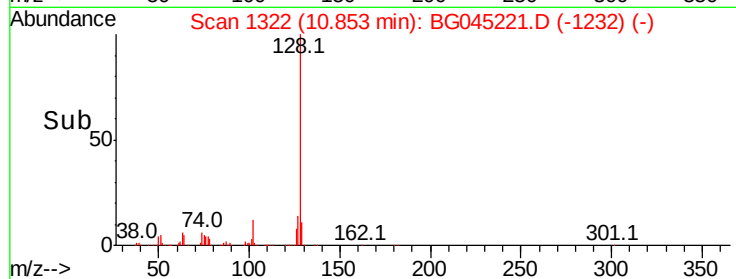
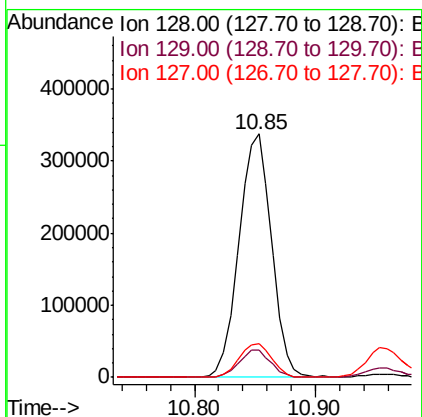
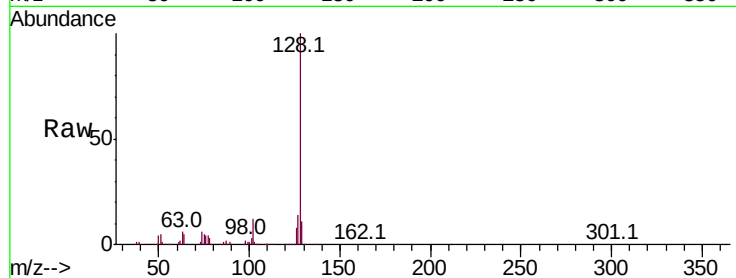




#31
Naphthalene
Concen: 46.715 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

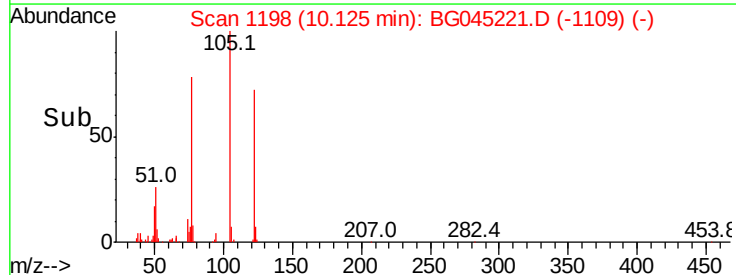
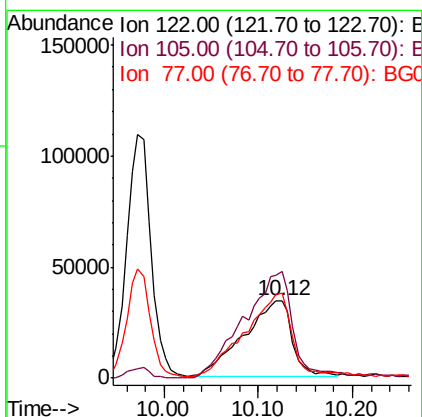
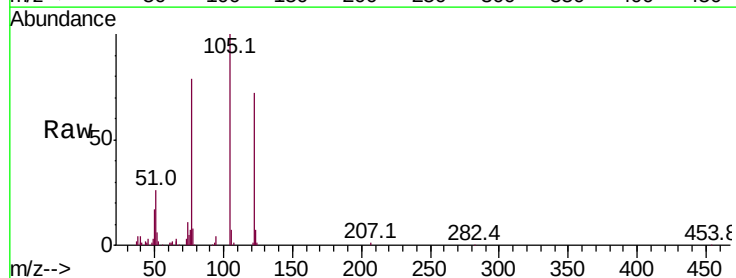
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

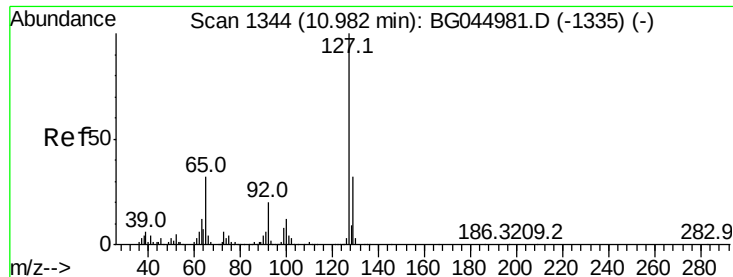
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 40.447 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.3	108.4	148.4
77	109.0	78.8	118.8

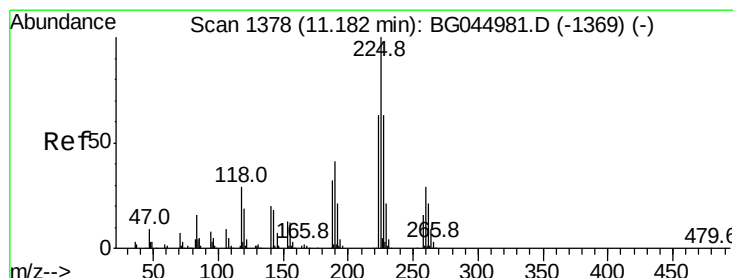
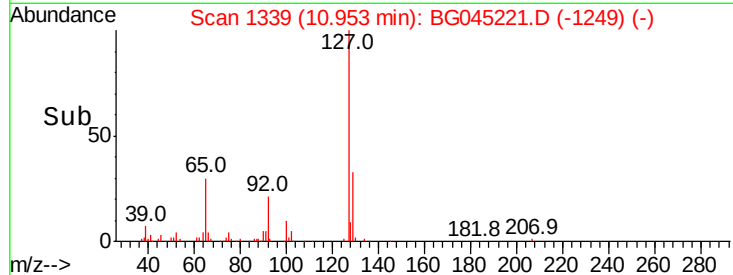
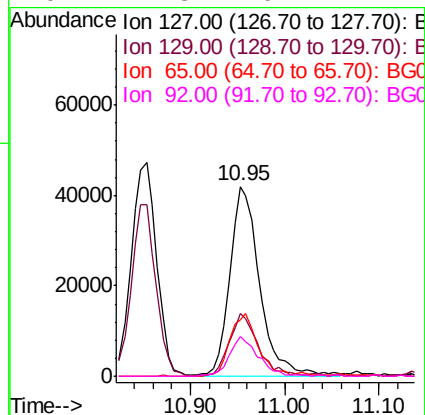
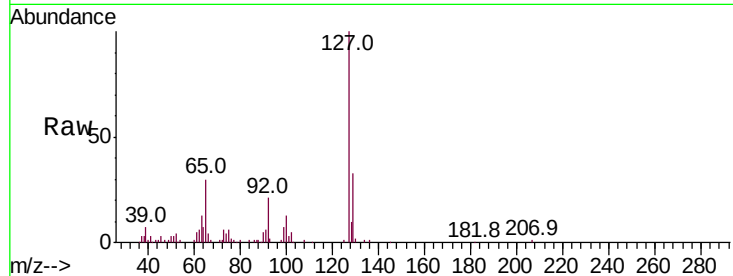




#33
4-Chloroaniline
Concen: 14.652 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

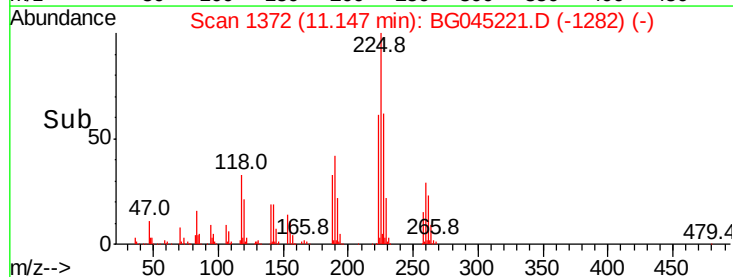
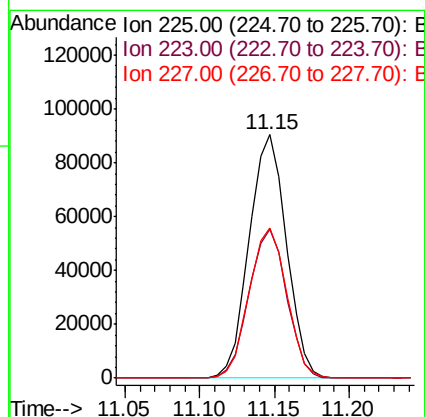
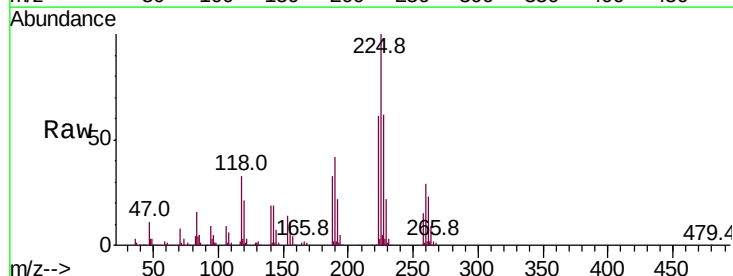
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

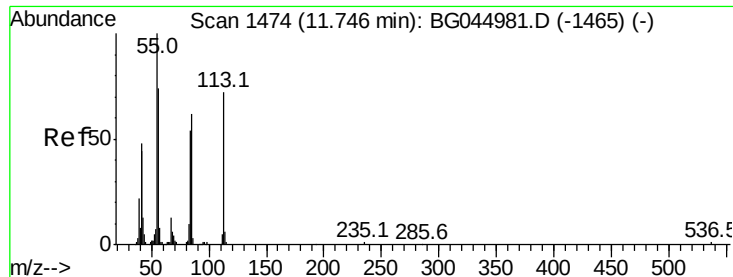
Tot Ion:	127	Resp:	93036
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.9	25.4	38.2
92	21.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.478 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:	225	Resp:	155772
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	61.9	50.2	75.2





#35

Caprolactam

Concen: 20.373 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

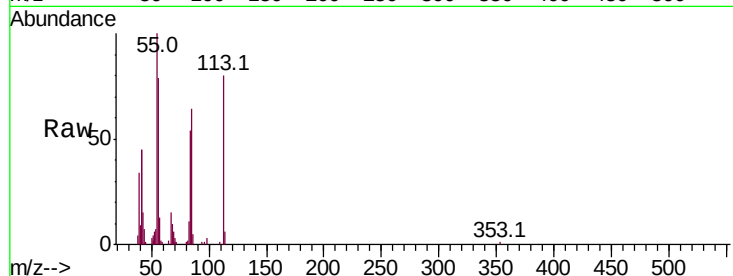
Tot Ion:113 Resp: 35778

Ion Ratio Lower Upper

113 100

55 125.2 118.8 158.8

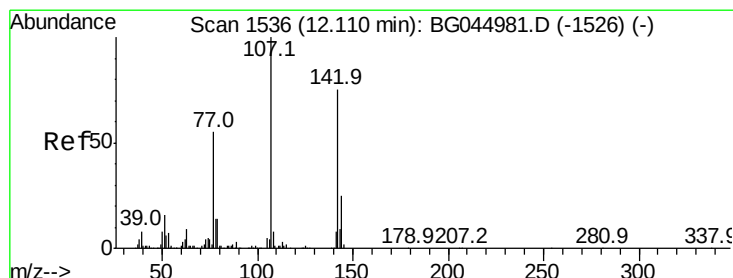
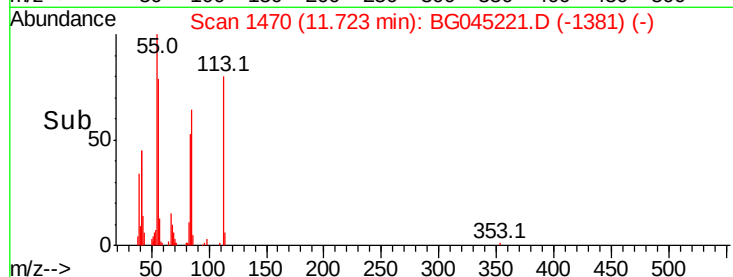
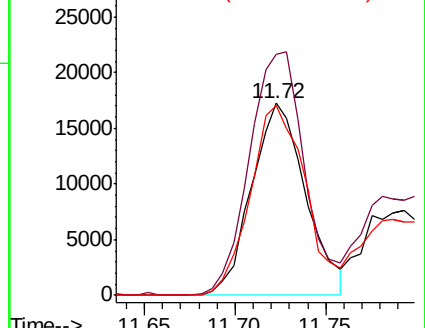
56 98.7 82.6 122.6



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: 48.740 ng

RT: 12.09 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

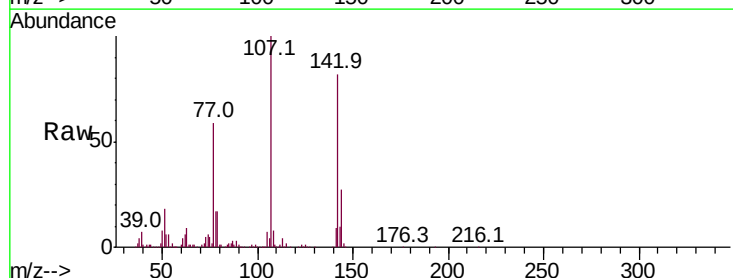
Tgt Ion:107 Resp: 252638

Ion Ratio Lower Upper

107 100

144 26.5 19.8 29.6

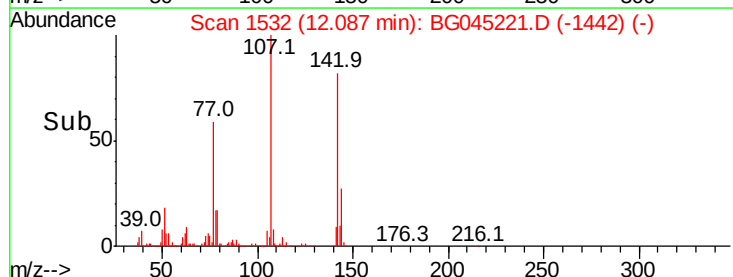
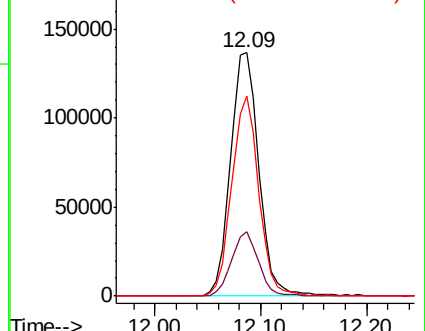
142 82.4 59.7 89.5

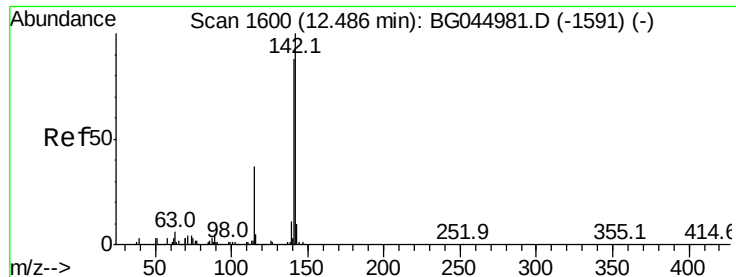


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

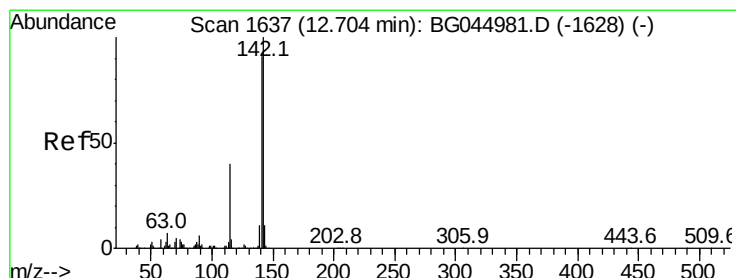
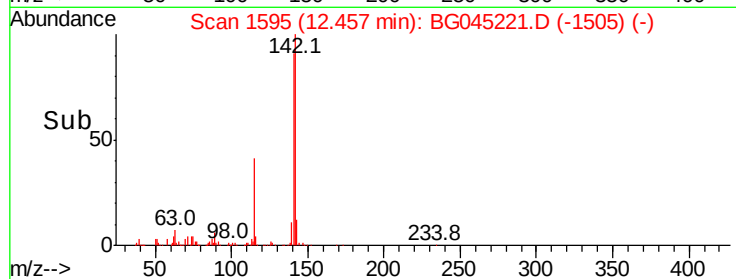
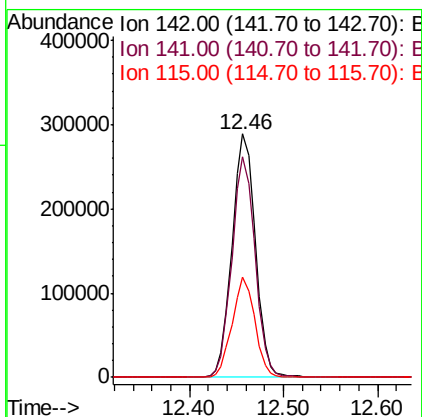
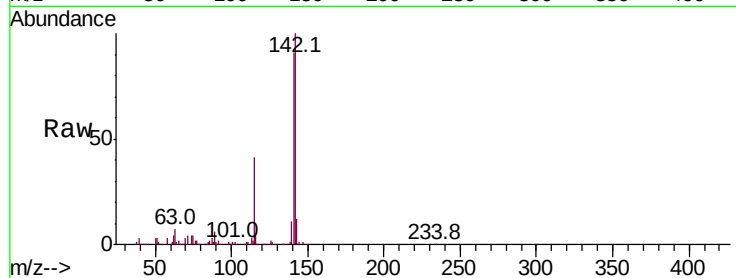




#37
2-Methylnaphthalene
Concen: 47.403 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

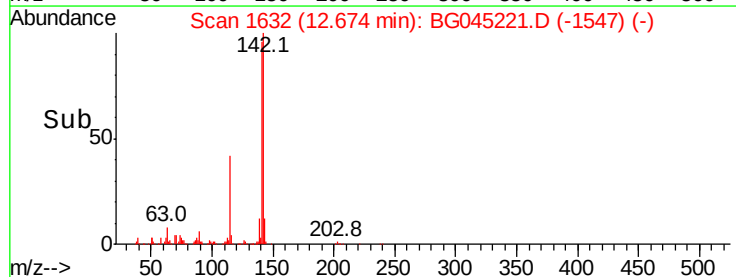
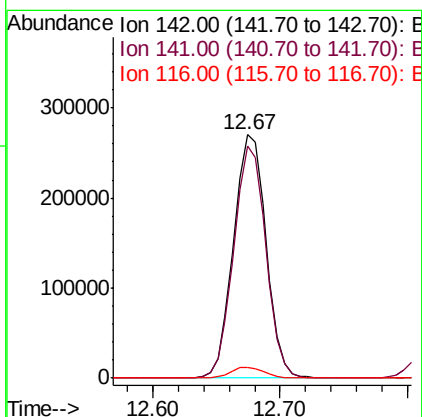
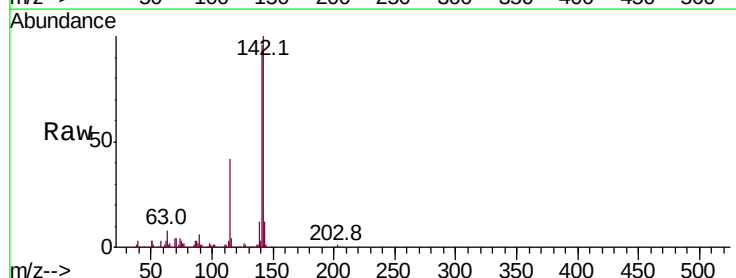
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

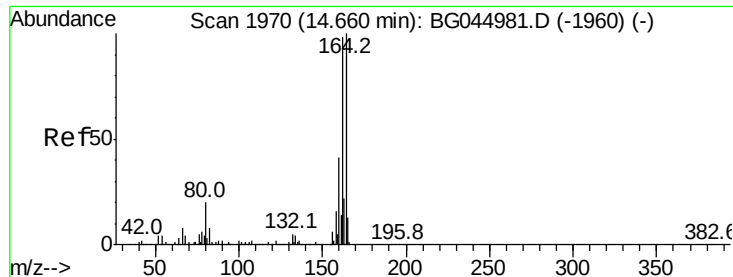
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	41.1	29.8	44.6



#38
1-Methylnaphthalene
Concen: 47.992 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	72.7	109.1
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

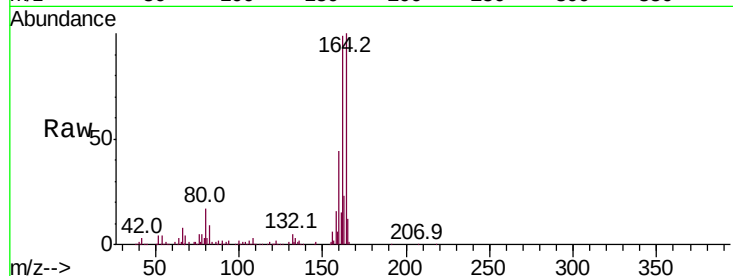
Tot Ion:164 Resp: 184976

Ion Ratio Lower Upper

164 100

162 98.8 78.7 118.1

160 44.5 32.8 49.2

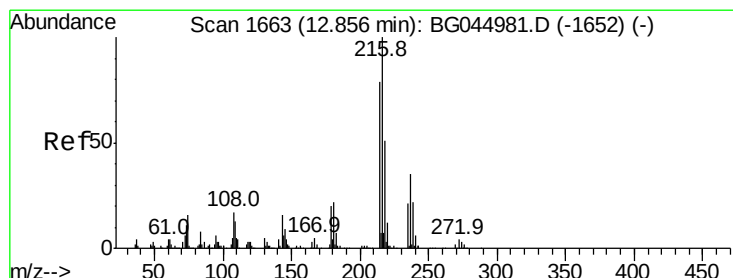
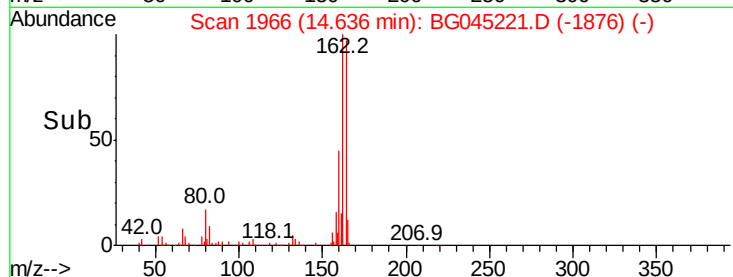
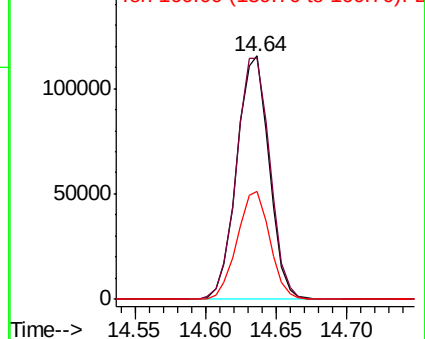


Abundance

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: 47.459 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:216 Resp: 282653

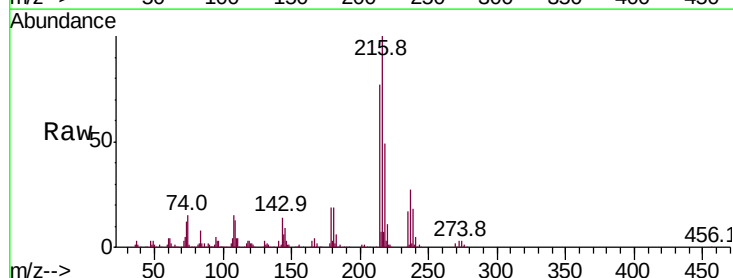
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 19.3 15.8 23.8

108 20.0 14.2 21.2



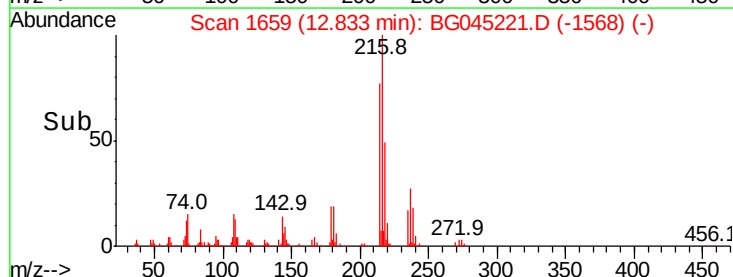
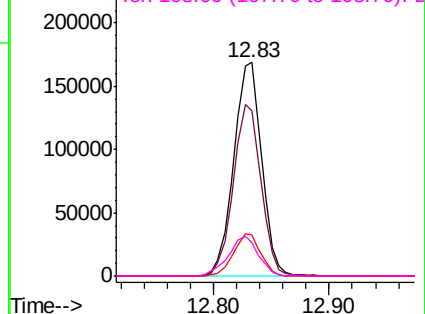
Abundance

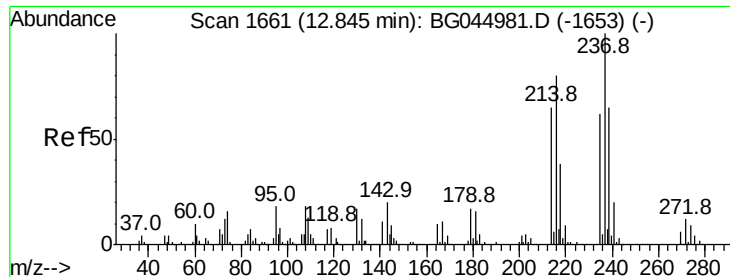
Ion 216.00 (215.70 to 216.70): E

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

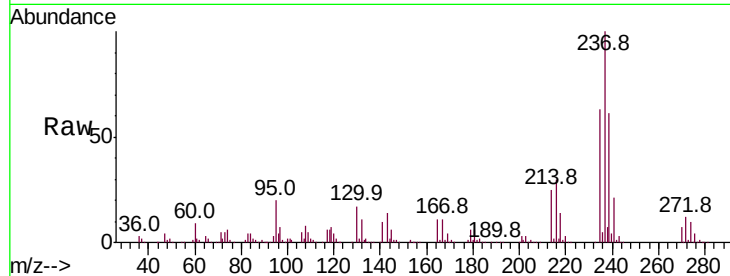




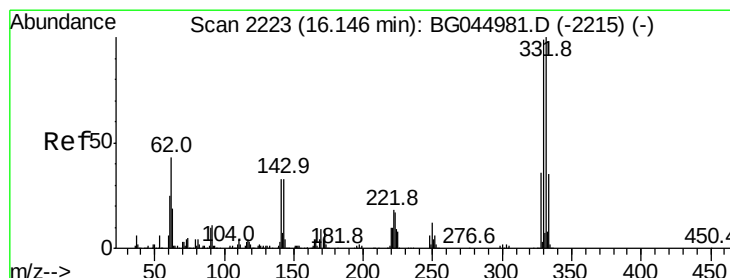
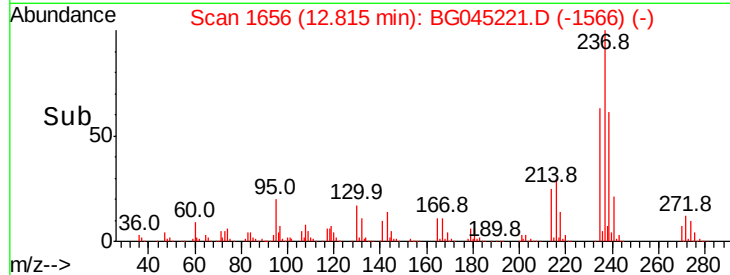
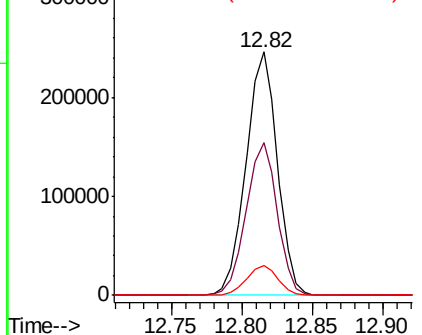
#41
 Hexachlorocyclopentadiene
 Concen: 102.793 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion:	237	Resp:	382638
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.6	81.6
272	12.5	0.0	32.1

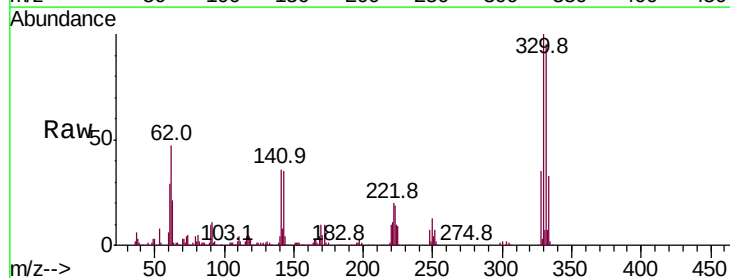


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

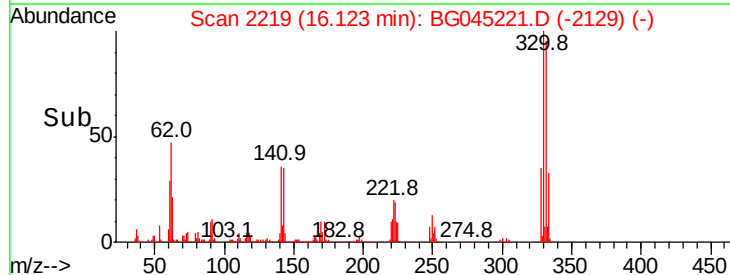
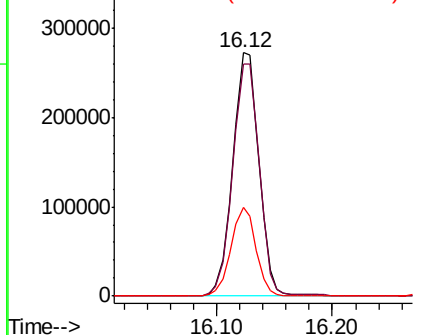


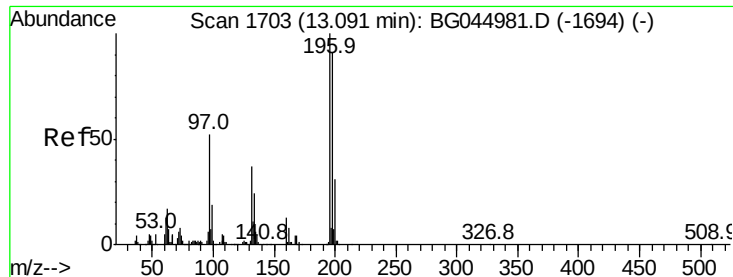
#42
 2,4,6-Tribromophenol
 Concen: 150.156 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion:	330	Resp:	429090
Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.9	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

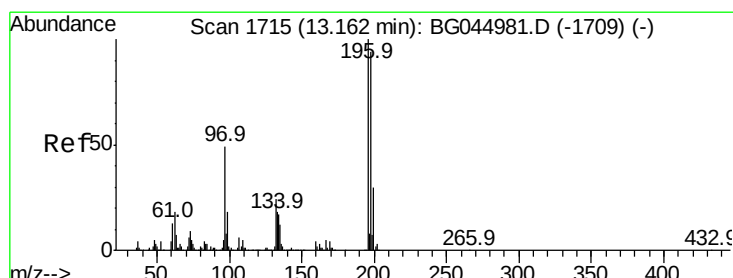
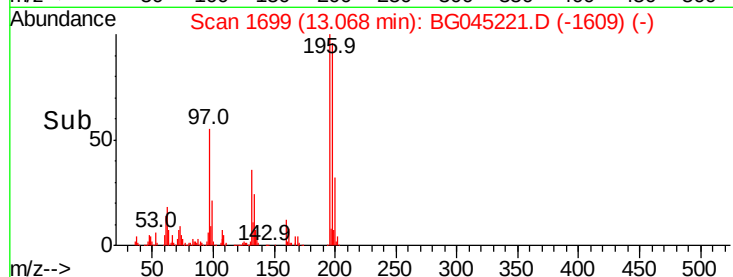
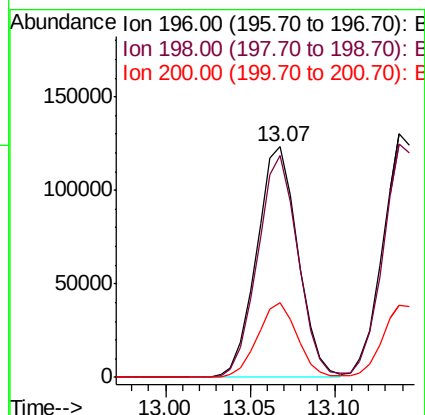
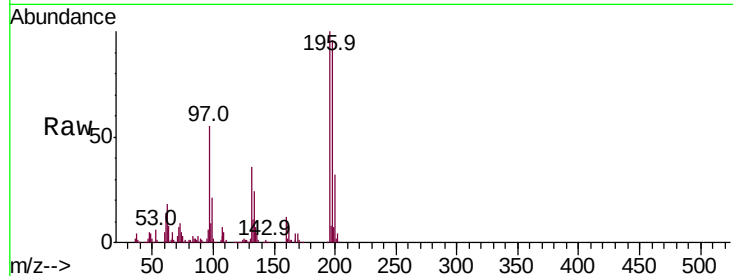




#43
2,4,6-Trichlorophenol
Concen: 49.632 ng
RT: 13.07 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

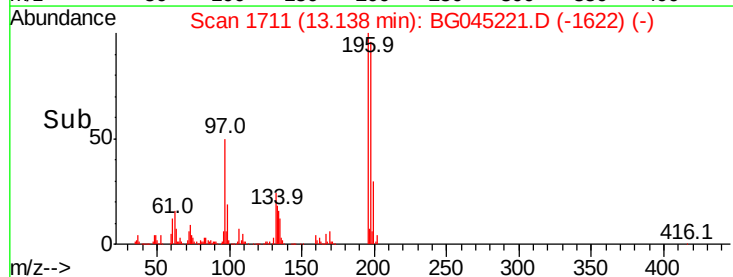
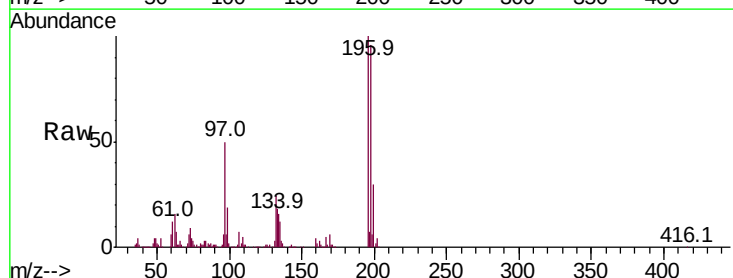
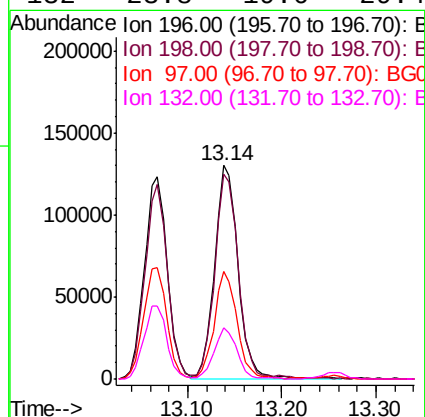
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

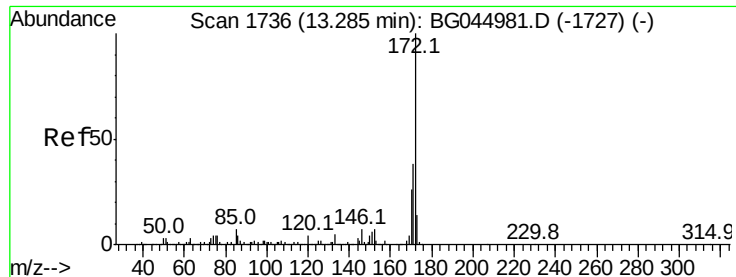
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	72.5	108.7
200	32.5	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 47.580 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
97	50.1	39.6	59.4
132	23.8	19.6	29.4



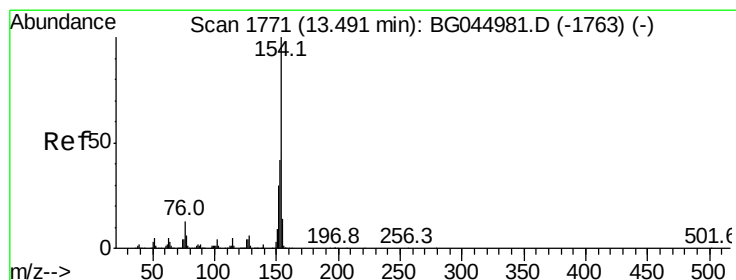
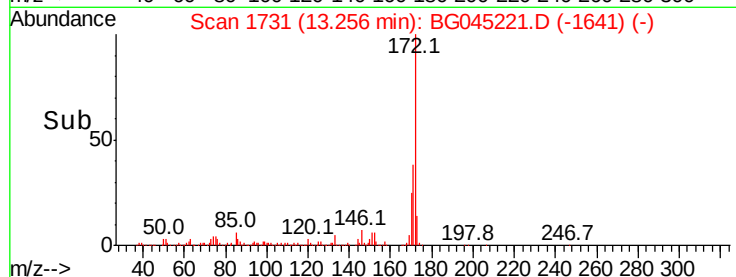
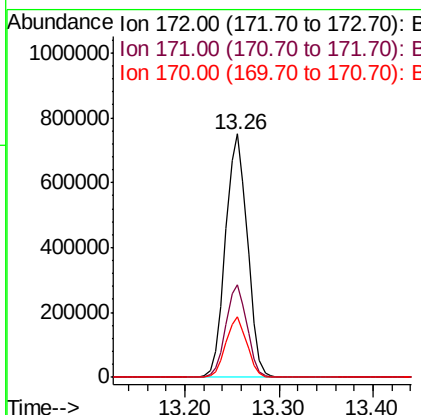
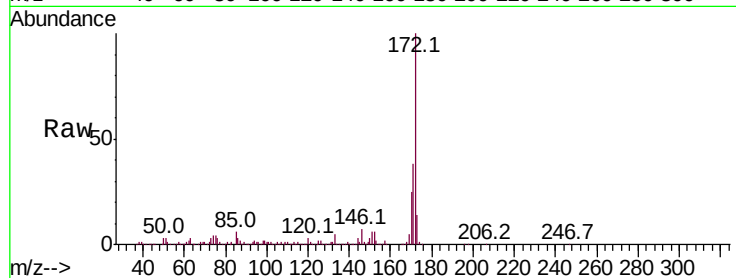


#45
2-Fluorobiphenyl
Concen: 96.129 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion:172 Resp: 1212662

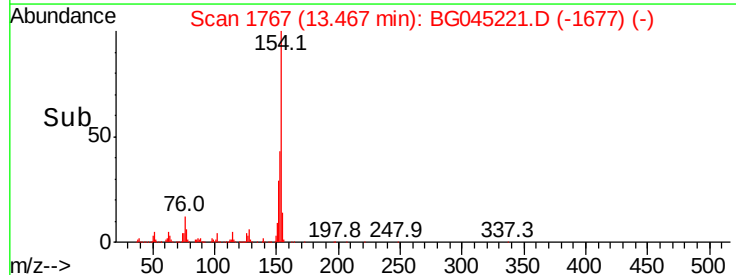
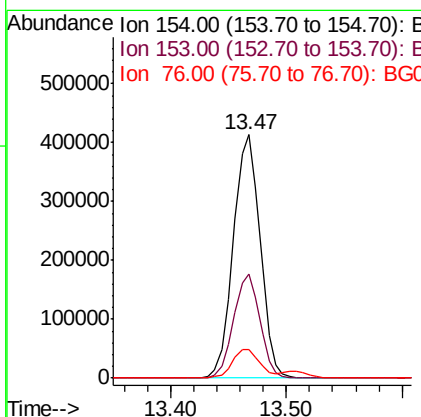
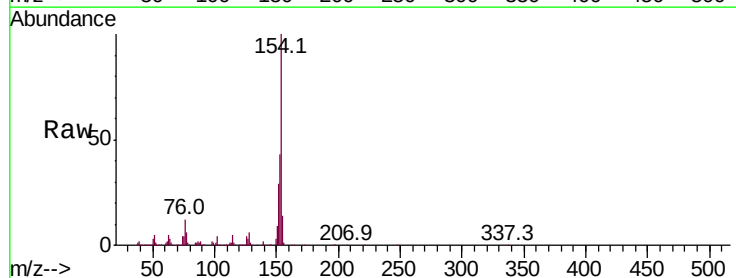
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.8	20.5	30.7

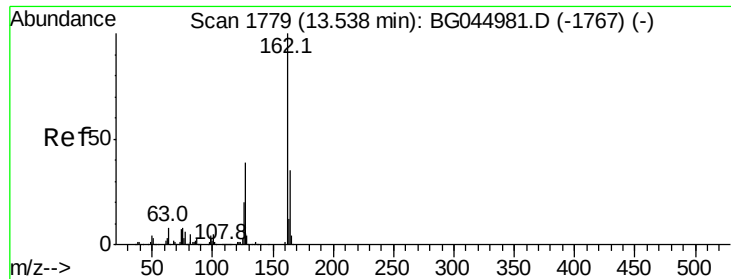


#46
1,1'-Biphenyl
Concen: 47.265 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:154 Resp: 664521

Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.9	61.9
76	11.9	0.0	33.1

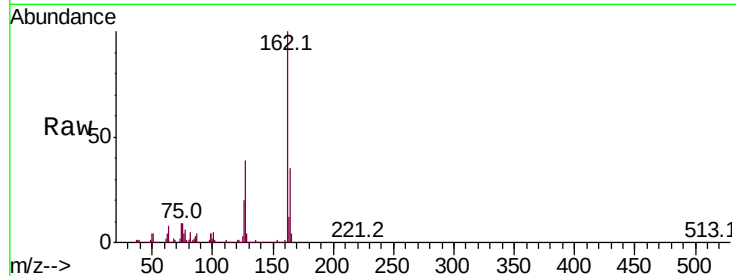




#47
2-Chloronaphthalene
Concen: 46.419 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	35.0	27.8	41.8

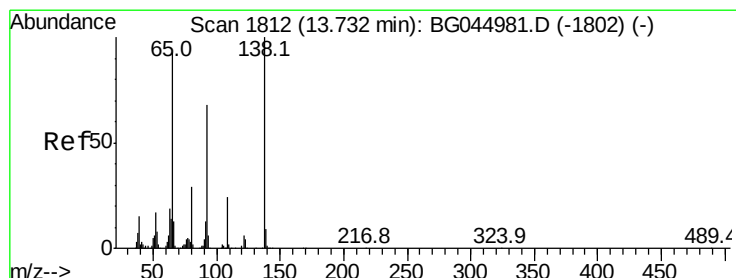
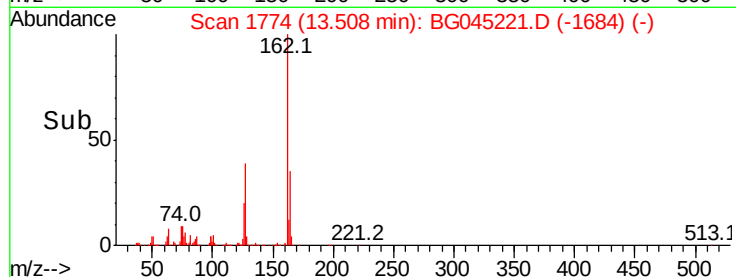
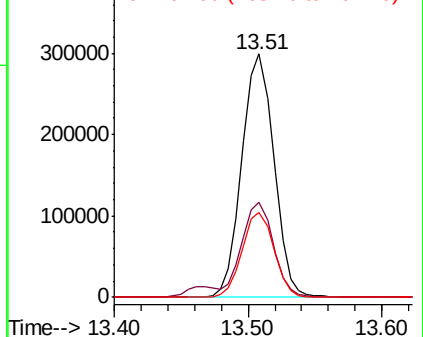


Abundance

Ion 162.00 (161.70 to 162.70): E

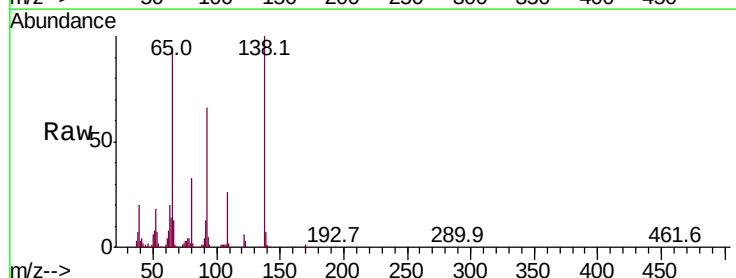
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.688 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	58.3	87.5
138	107.5	85.6	128.4

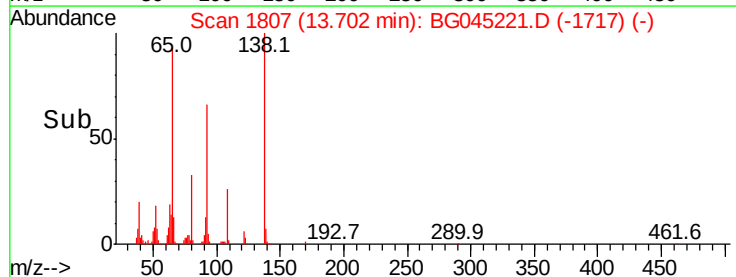
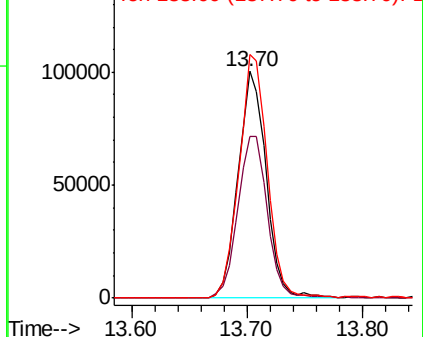


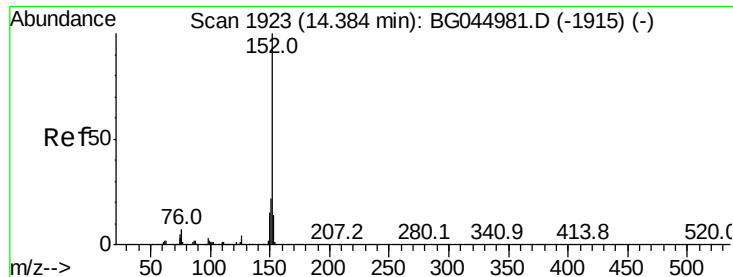
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.099 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

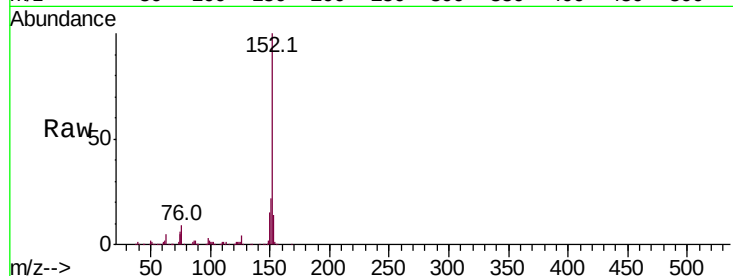
Tot Ion:152 Resp: 859165

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

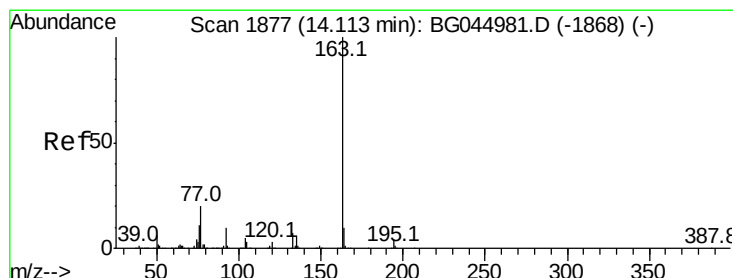
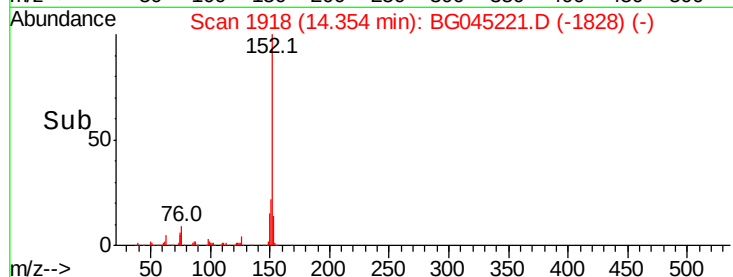
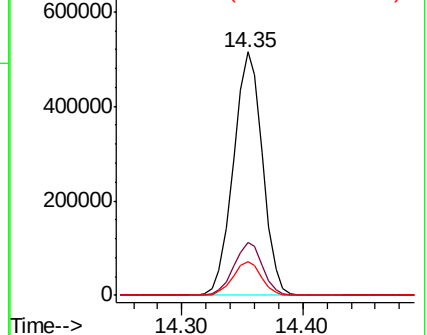
153 14.1 11.0 16.4



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: 51.553 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

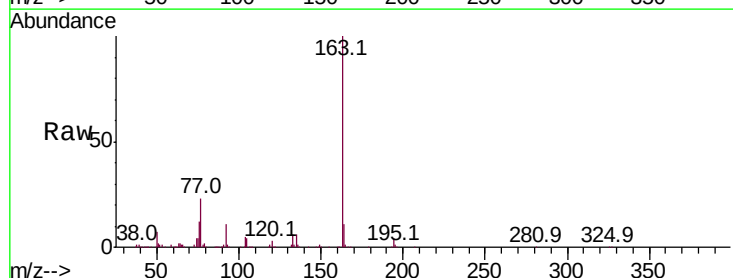
Tgt Ion:163 Resp: 776465

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

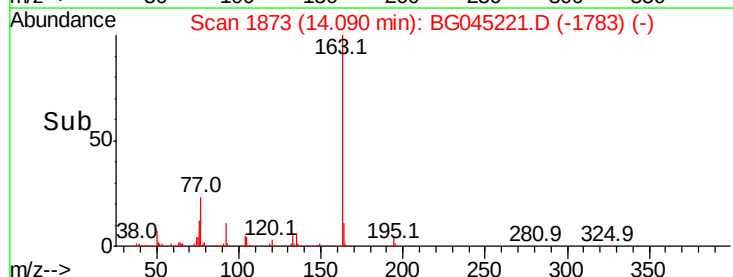
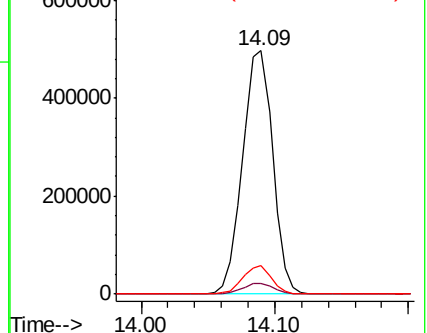
164 11.5 8.2 12.4

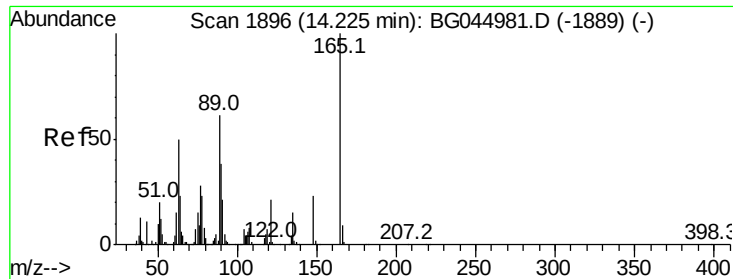


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

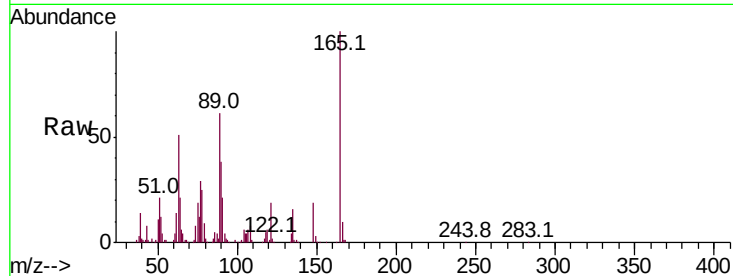




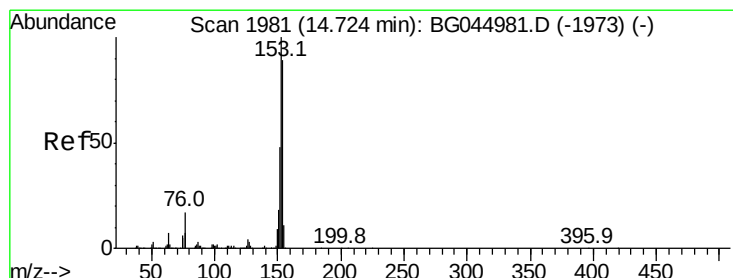
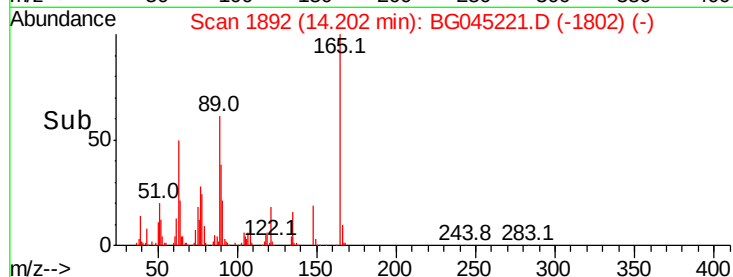
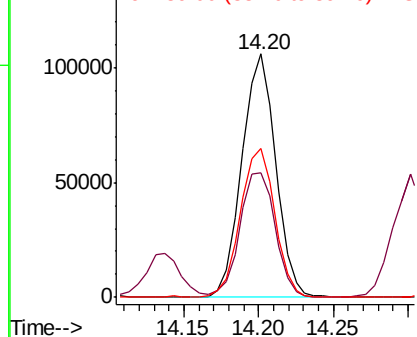
#51
2,6-Dinitrotoluene
Concen: 49.362 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion:165 Resp: 166292
Ion Ratio Lower Upper
165 100
63 51.2 40.4 60.6
89 60.9 49.1 73.7

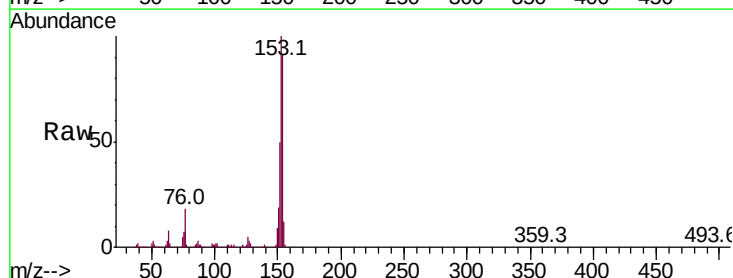


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

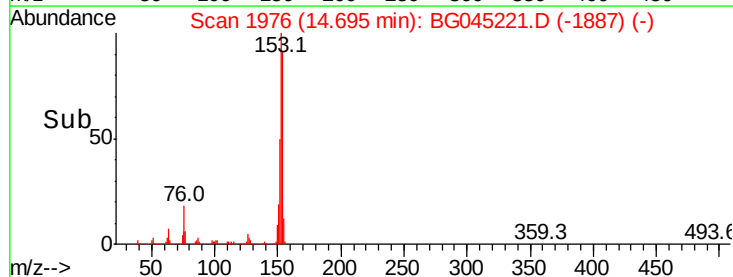
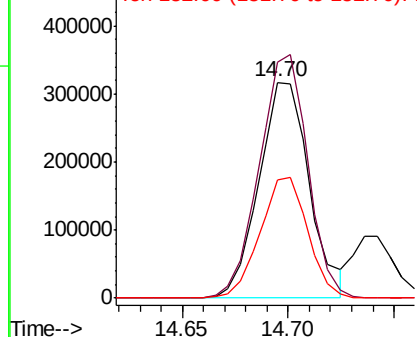


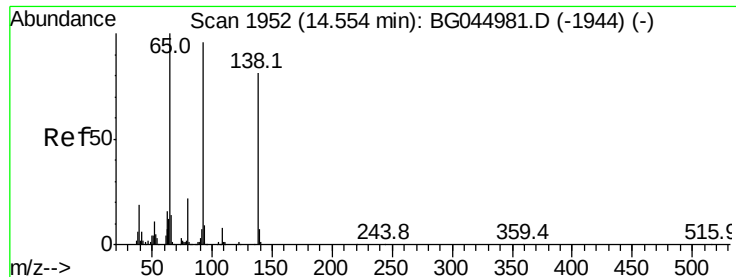
#52
Acenaphthene
Concen: 44.309 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:154 Resp: 524597
Ion Ratio Lower Upper
154 100
153 109.3 89.7 134.5
152 54.7 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

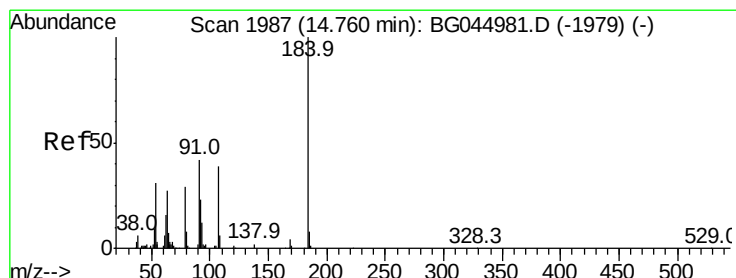
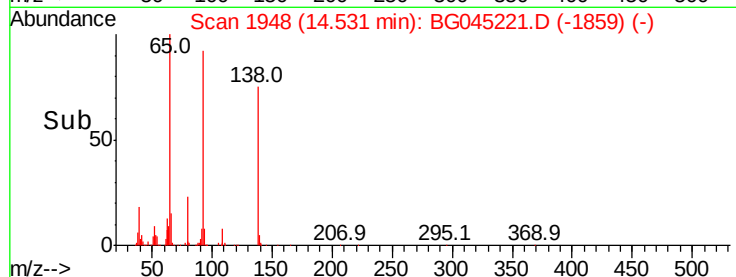
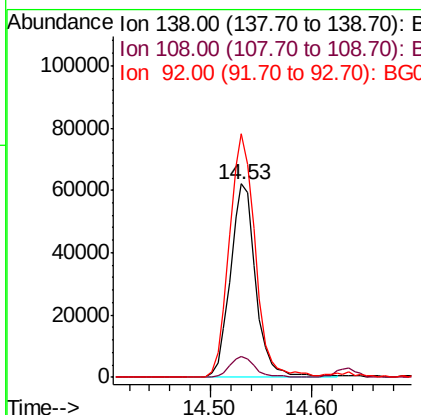
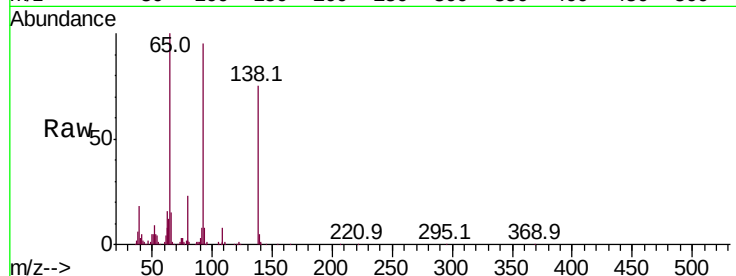




#53
 3-Nitroaniline
 Concen: 29.186 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

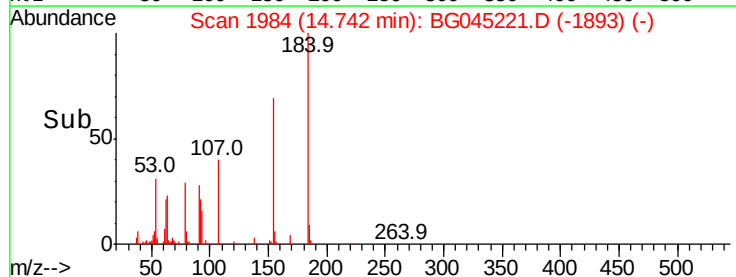
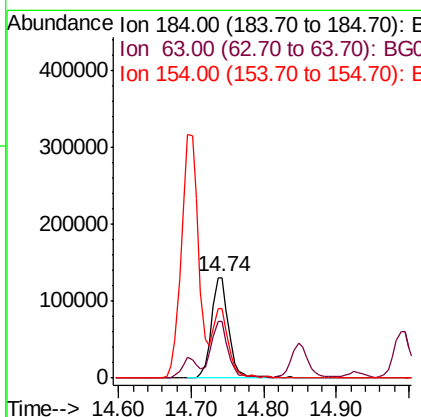
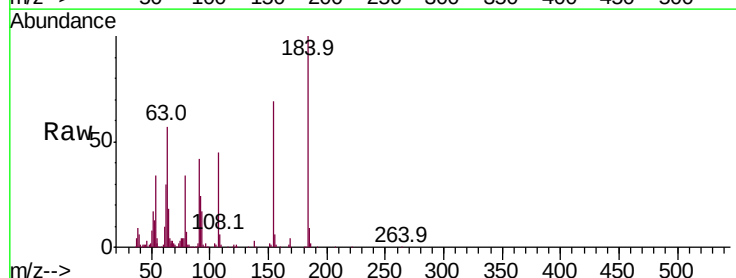
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

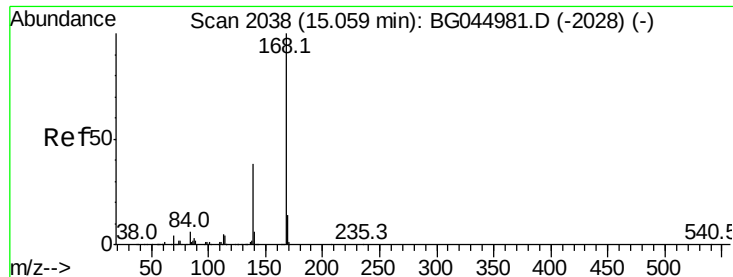
Tot Ion:138 Resp: 107839
 Ion Ratio Lower Upper
 138 100
 108 11.0 7.8 11.8
 92 125.7 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 109.757 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion:184 Resp: 219867
 Ion Ratio Lower Upper
 184 100
 63 56.7 41.5 62.3
 154 69.2 52.3 78.5





#55

Dibenzofuran

Concen: 48.534 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

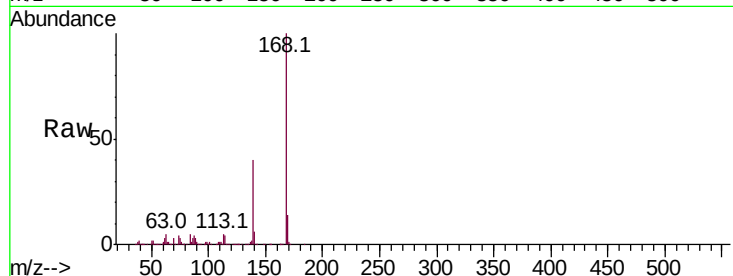
Tot Ion:168 Resp: 837755

Ion Ratio Lower Upper

168 100

139 39.5 30.4 45.6

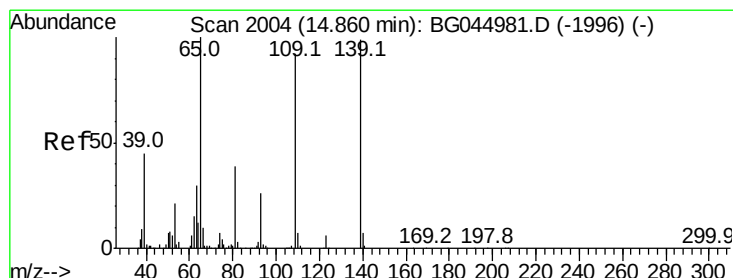
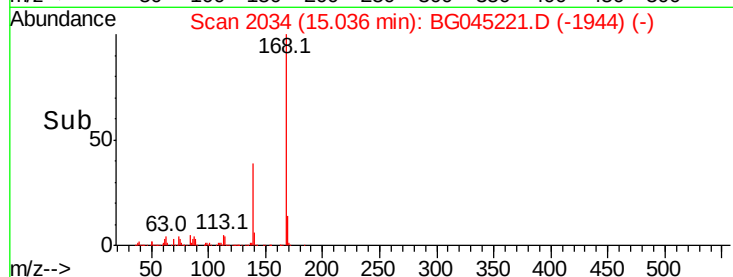
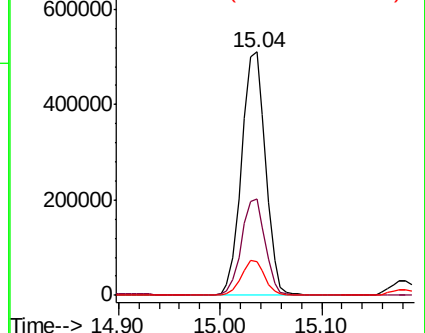
169 13.9 11.0 16.4



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: 82.423 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

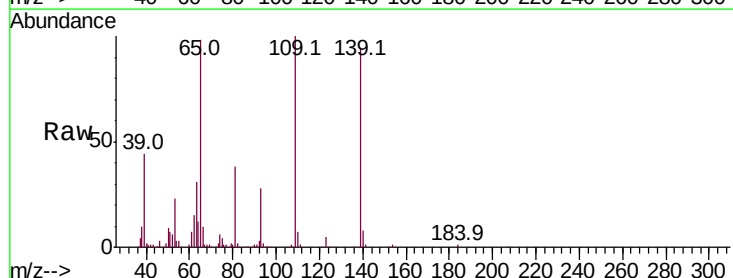
Tgt Ion:139 Resp: 236129

Ion Ratio Lower Upper

139 100

109 105.8 73.6 113.6

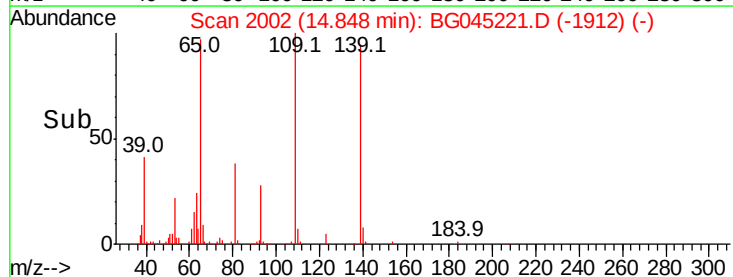
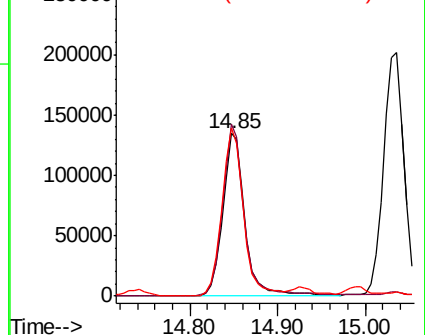
65 103.4 81.2 121.2

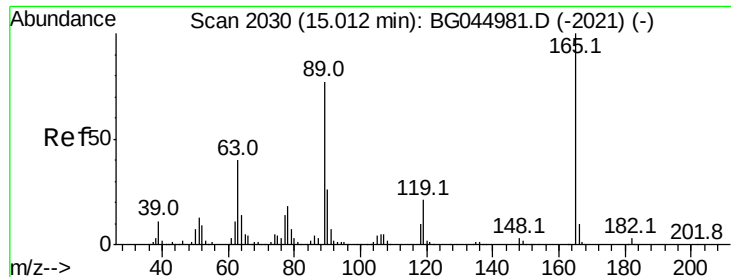


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 47.657 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:165 Resp: 234625

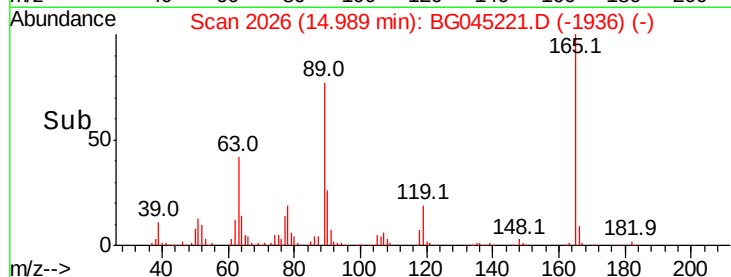
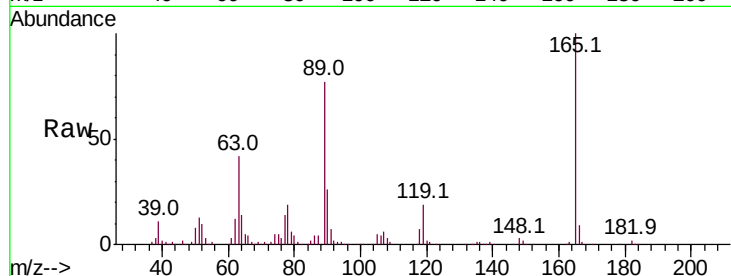
Ion Ratio Lower Upper

165 100

63 41.7 32.2 48.2

89 77.1 61.7 92.5

182 2.5 2.0 3.0

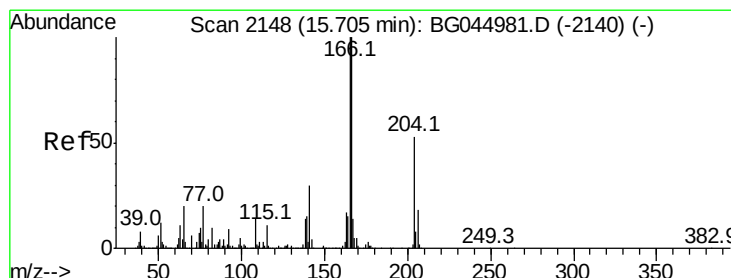
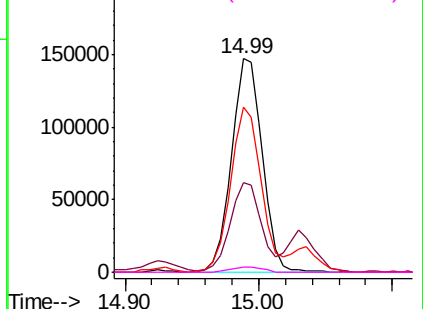


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.198 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

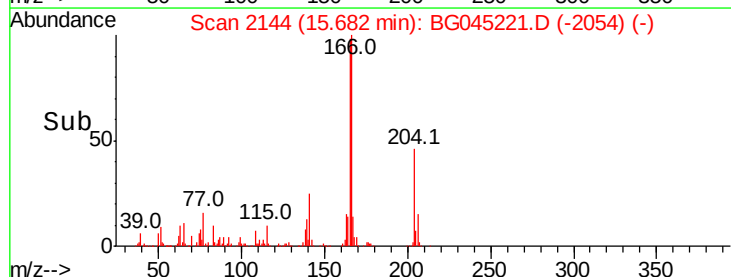
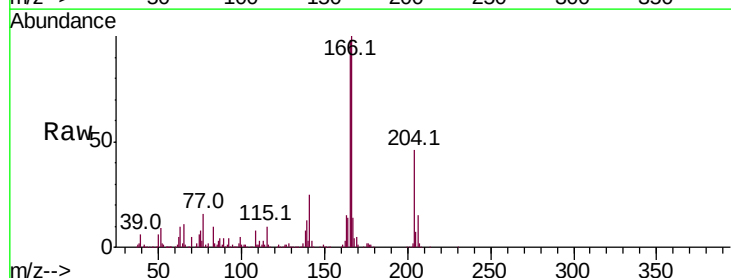
Tgt Ion:166 Resp: 707746

Ion Ratio Lower Upper

166 100

165 98.1 79.9 119.9

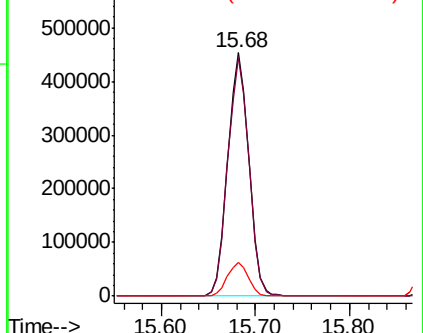
167 13.9 11.4 17.0

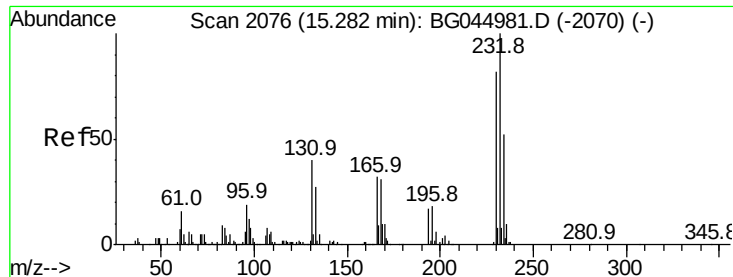


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

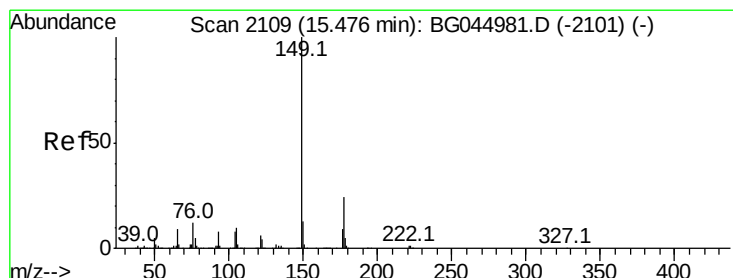
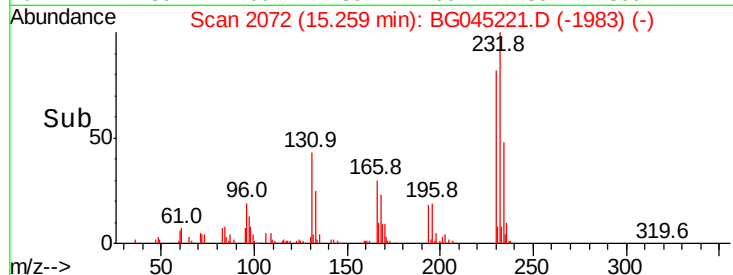
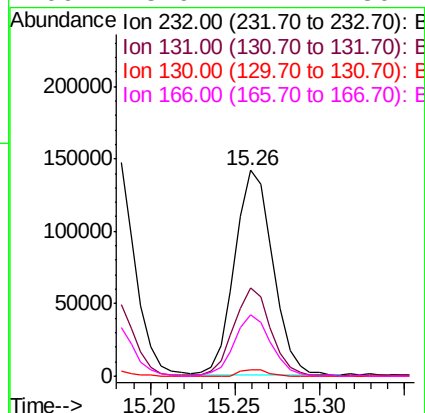
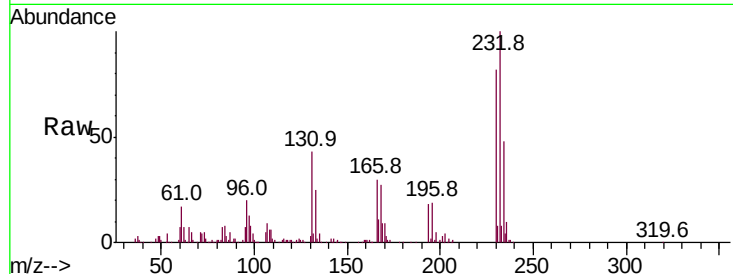




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.402 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

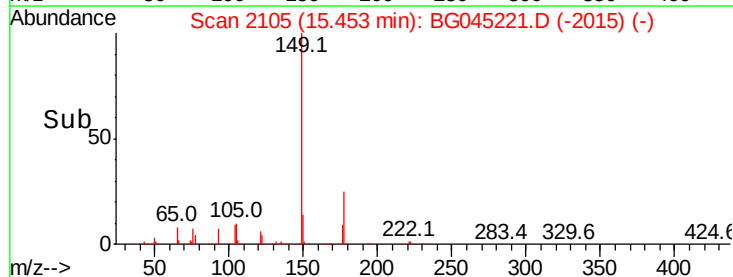
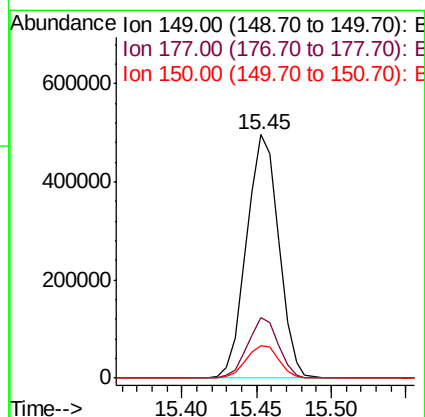
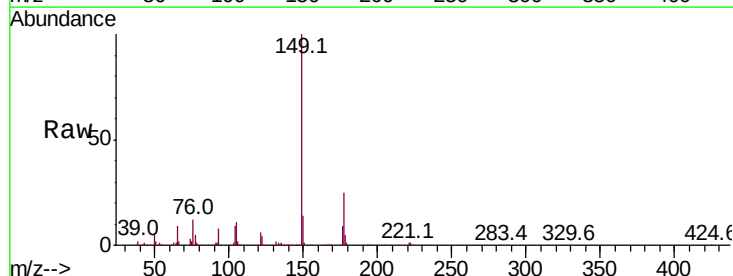
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

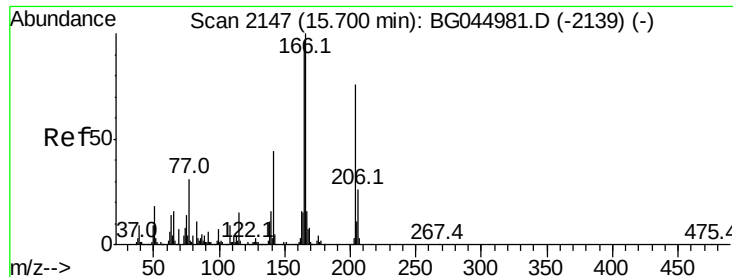
Tot Ion:	232	Resp:	223084
Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.2	48.2
130	2.6	2.2	3.2
166	28.9	24.2	36.4



#60
Diethylphthalate
Concen: 47.223 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:	149	Resp:	741546
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.9	28.3
150	13.6	10.6	15.8

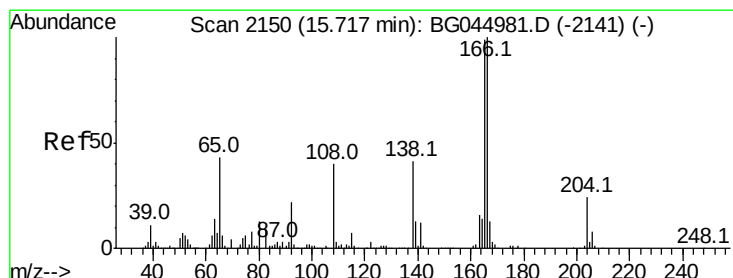
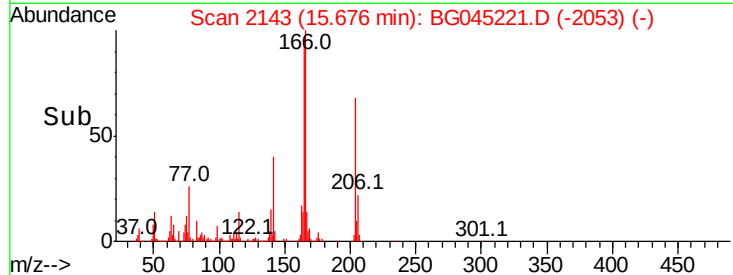
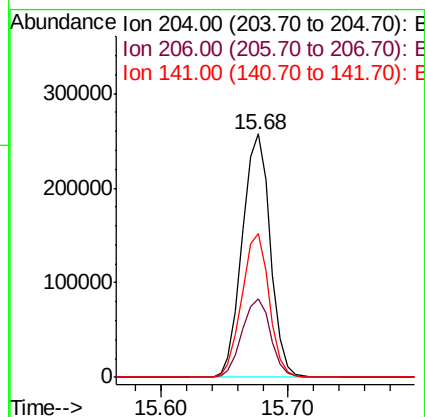
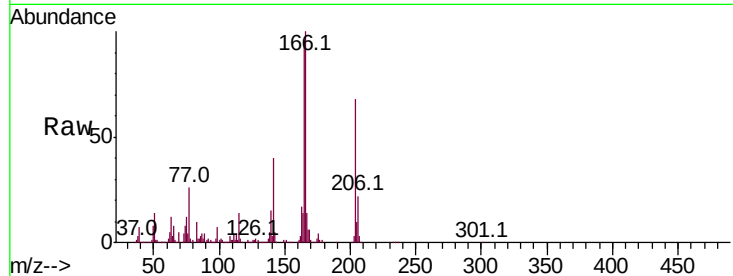




#61
4-Chlorophenyl-phenylether
Concen: 48.620 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

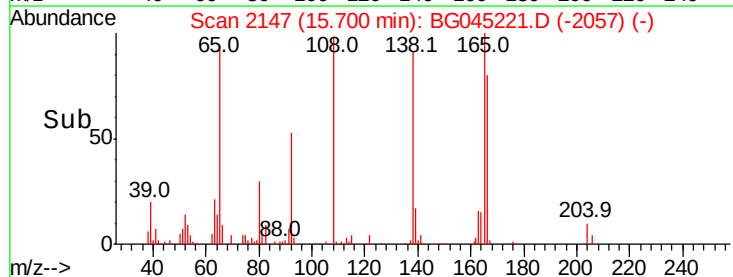
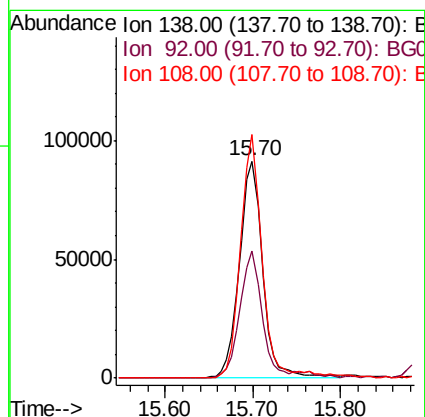
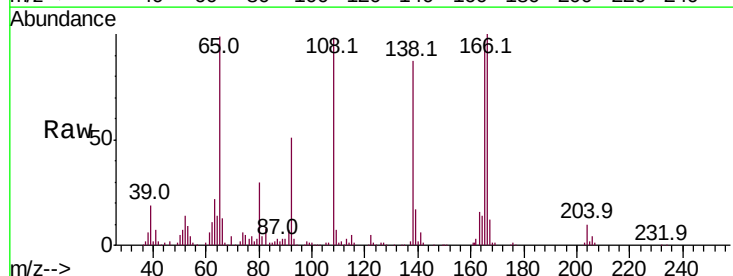
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

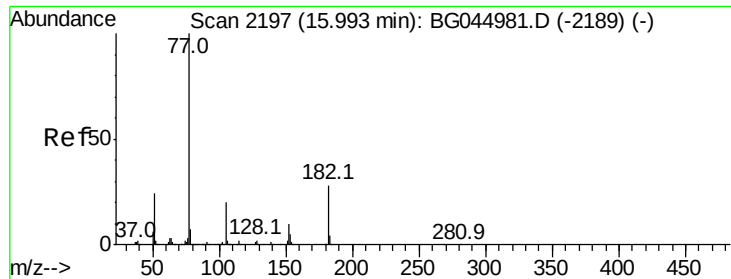
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.9	40.3
141	58.9	46.3	69.5



#62
4-Nitroaniline
Concen: 42.926 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	33.6	73.6
108	112.2	78.2	118.2





#63

Azobenzene

Concen: 49.625 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion: 77 Resp: 718461

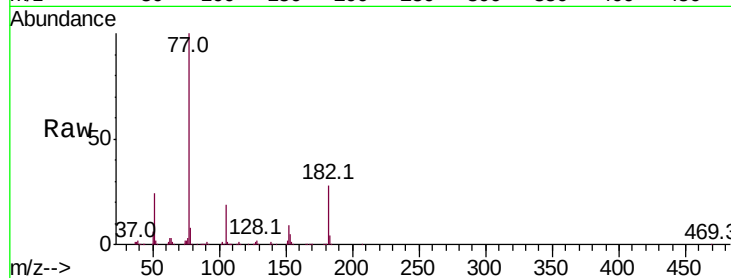
Ion Ratio Lower Upper

77 100

182 27.6 8.4 48.4

105 19.3 0.5 40.5

51 24.1 4.4 44.4

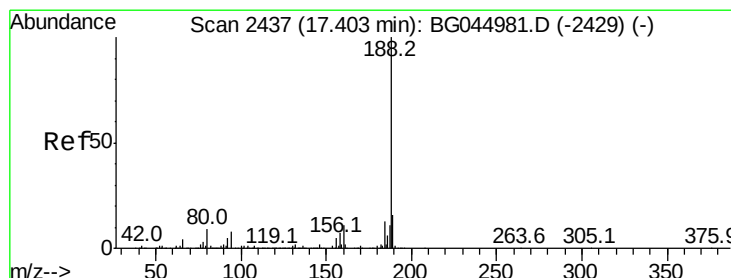
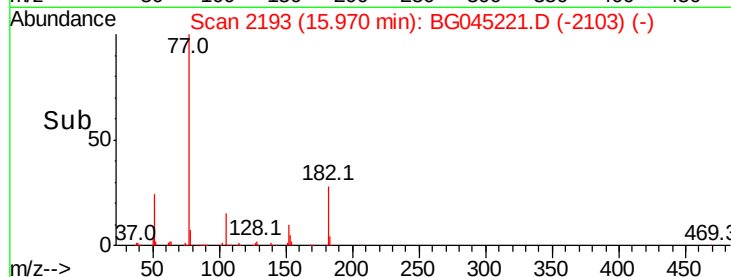
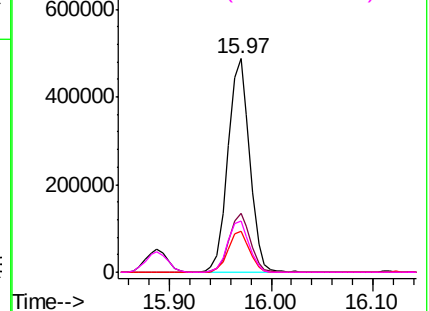


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

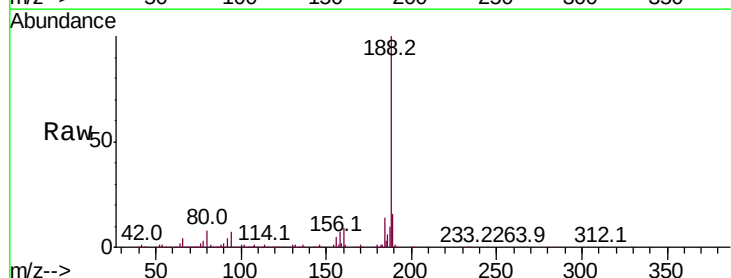
Tgt Ion: 188 Resp: 472310

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

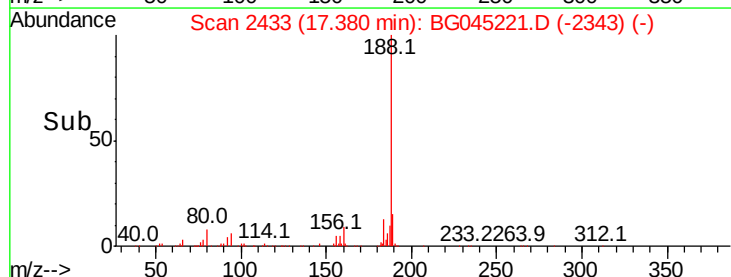
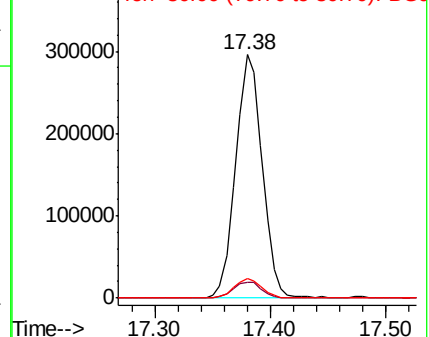
80 8.2 7.0 10.6

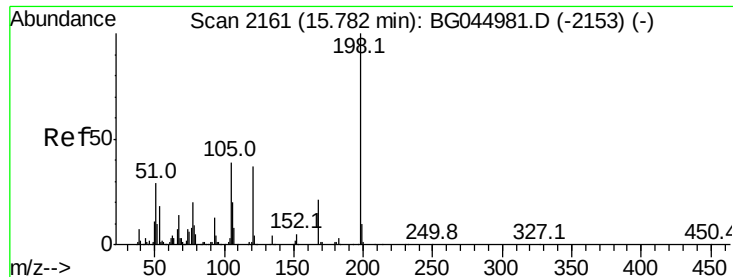


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.158 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

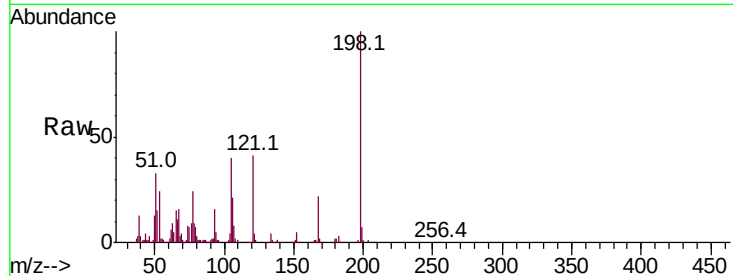
Tot Ion:198 Resp: 158820

Ion Ratio Lower Upper

198 100

51 33.0 10.0 50.0

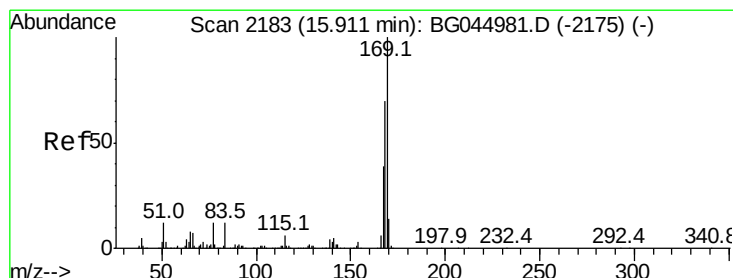
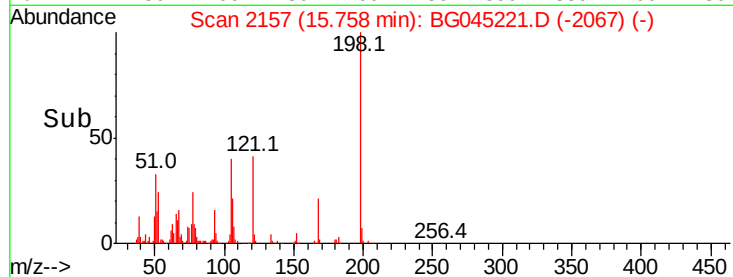
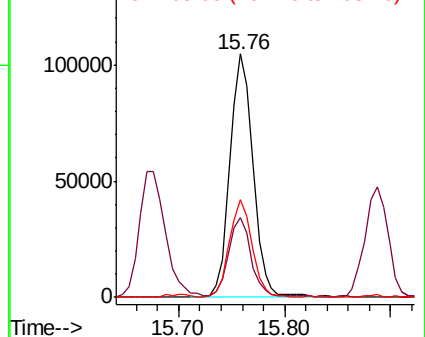
105 39.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.300 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

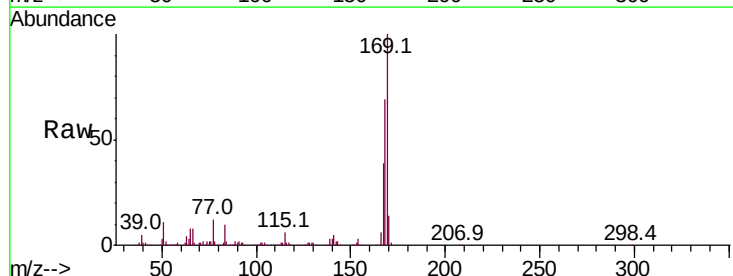
Tgt Ion:169 Resp: 641883

Ion Ratio Lower Upper

169 100

168 68.5 55.8 83.8

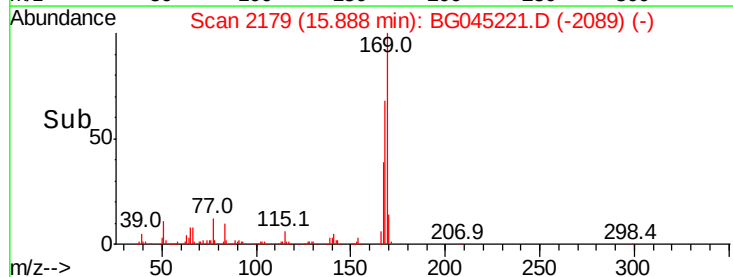
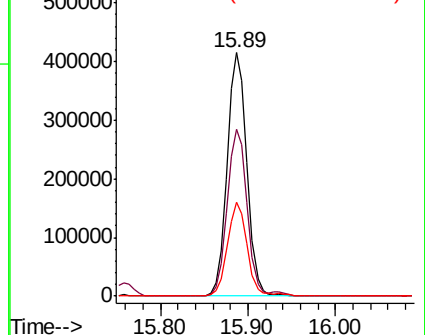
167 38.8 30.8 46.2

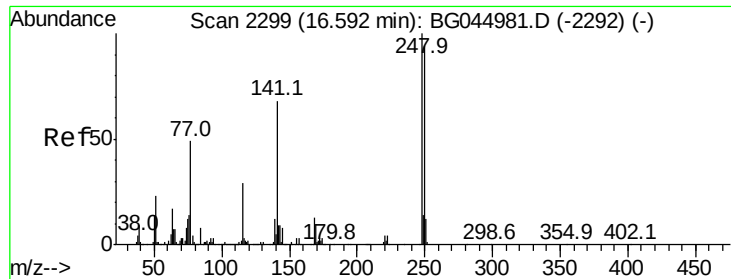


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

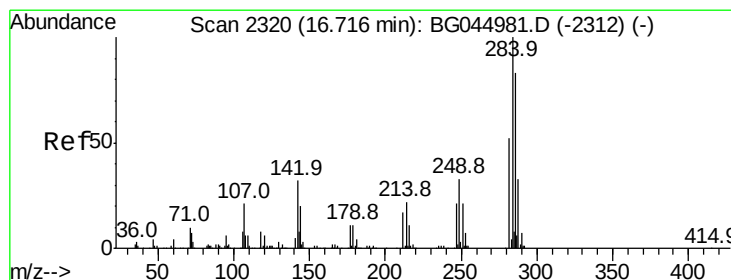
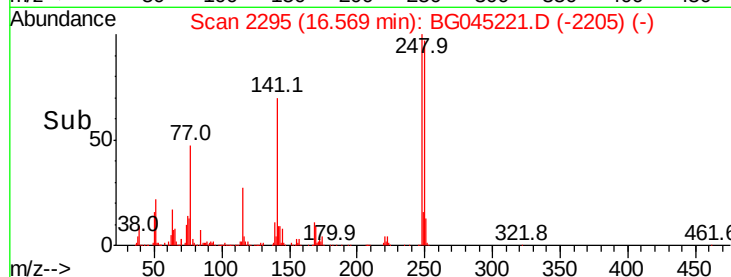
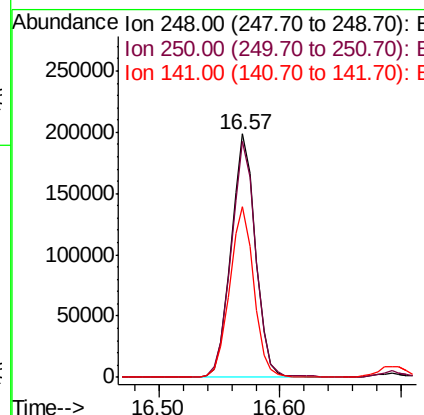
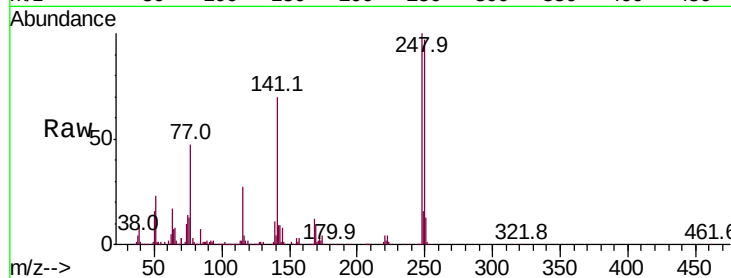




#67
4-Bromophenyl-phenylether
Concen: 45.626 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

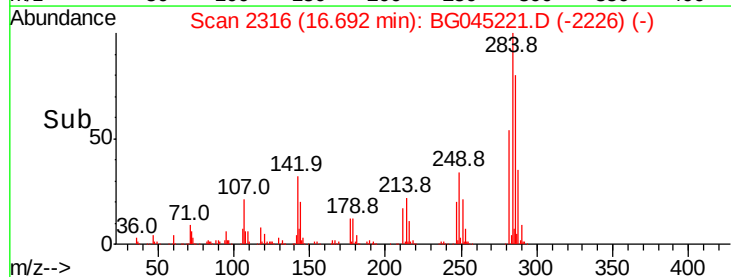
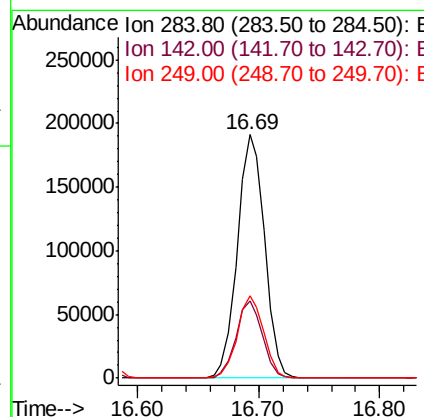
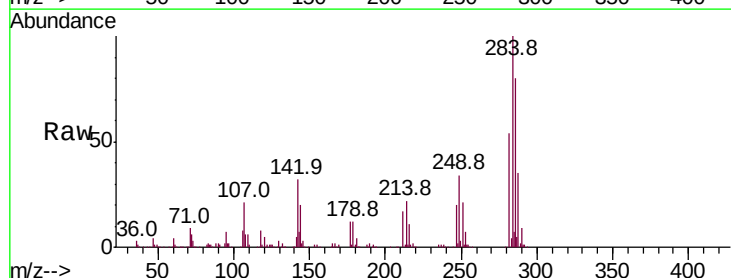
Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

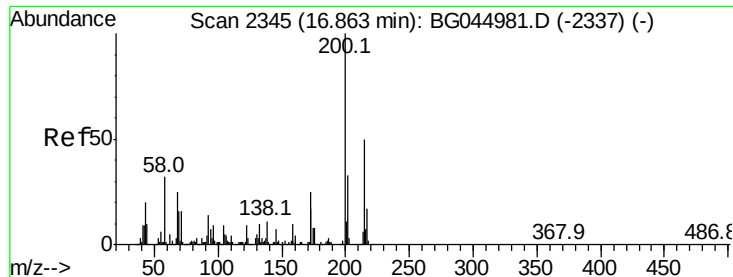
Tot Ion:248 Resp: 278010
Ion Ratio Lower Upper
248 100
250 96.9 75.4 113.2
141 70.1 54.4 81.6



#68
Hexachlorobenzene
Concen: 47.544 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:284 Resp: 300445
Ion Ratio Lower Upper
284 100
142 31.7 25.8 38.6
249 33.8 26.6 39.8





#69

Atrazine

Concen: 49.263 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

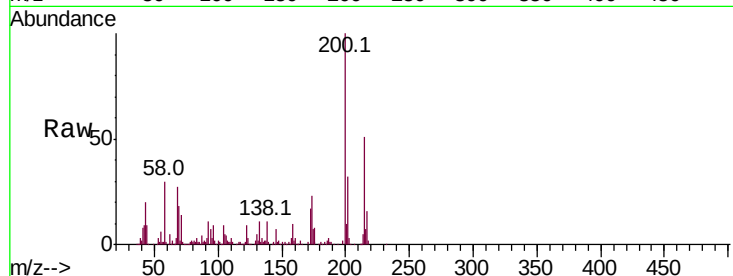
Tot Ion:200 Resp: 241592

Ion Ratio Lower Upper

200 100

173 22.7 4.5 44.5

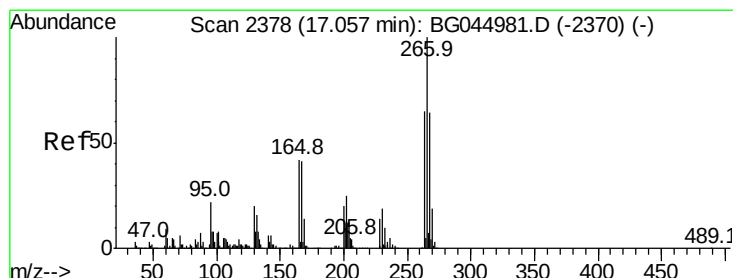
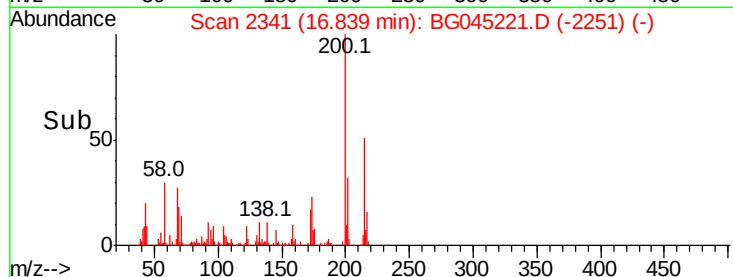
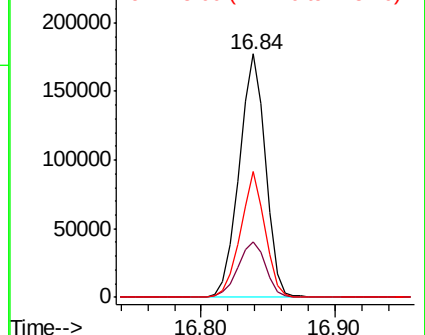
215 51.5 30.0 70.0



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: 98.736 ng

RT: 17.03 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

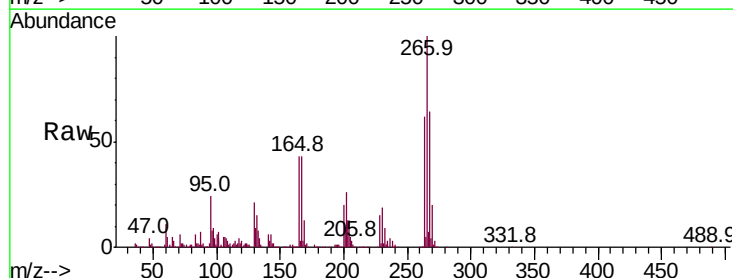
Tgt Ion:266 Resp: 382767

Ion Ratio Lower Upper

266 100

268 64.4 51.5 77.3

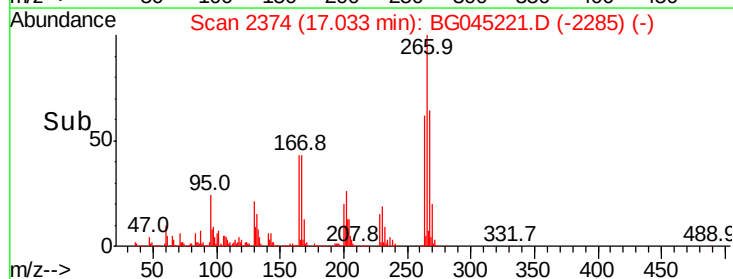
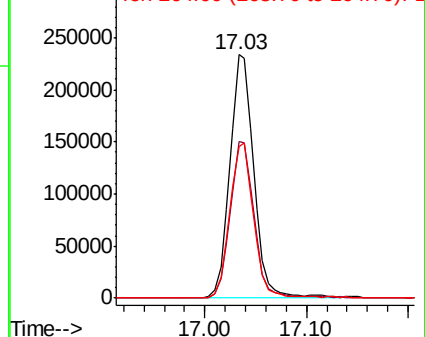
264 62.2 52.2 78.4

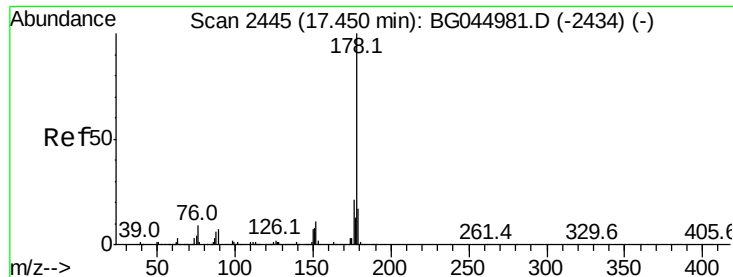


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.136 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

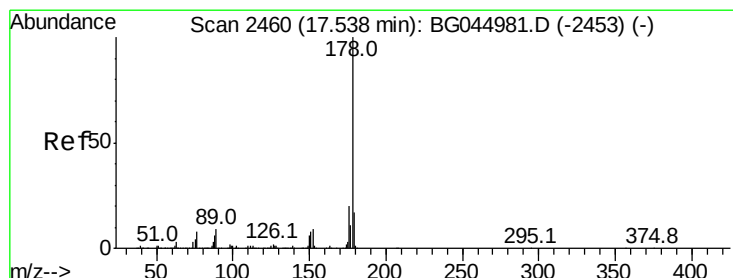
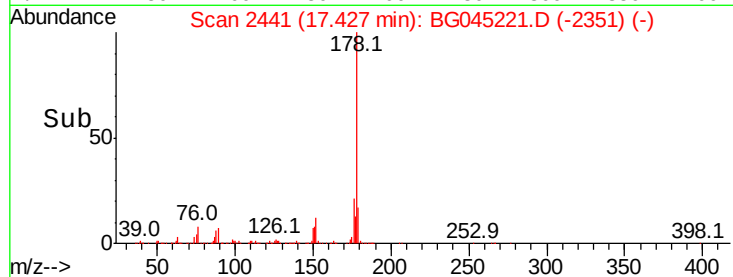
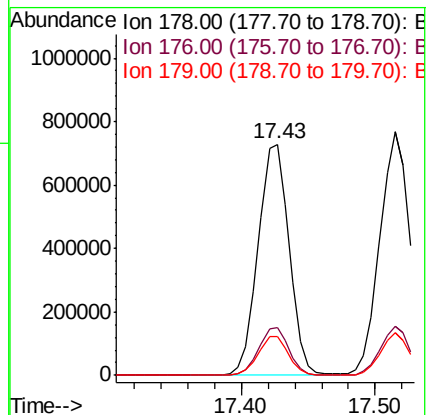
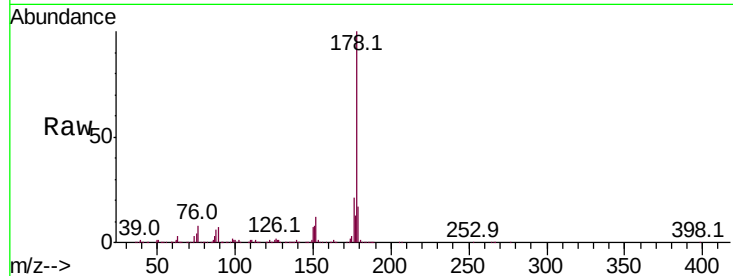
Tot Ion:178 Resp: 1168291

Ion Ratio Lower Upper

178 100

176 20.8 16.8 25.2

179 16.6 13.2 19.8



#72

Anthracene

Concen: 49.562 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

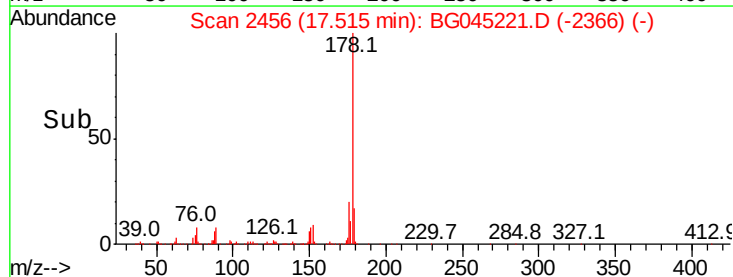
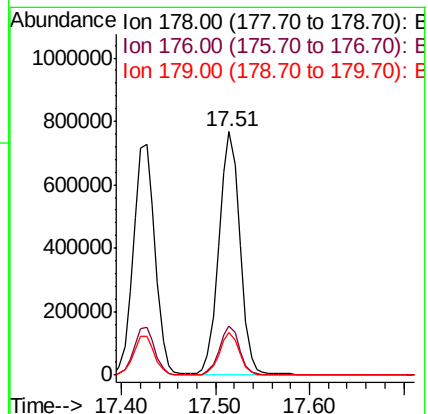
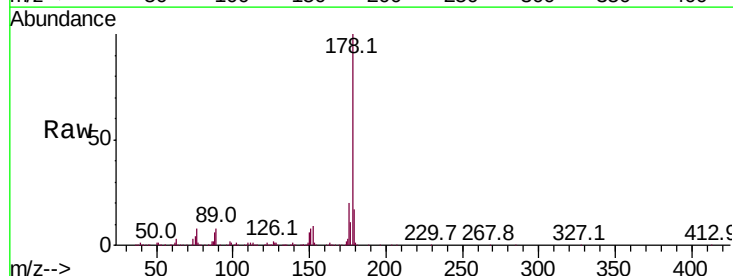
Tgt Ion:178 Resp: 1206638

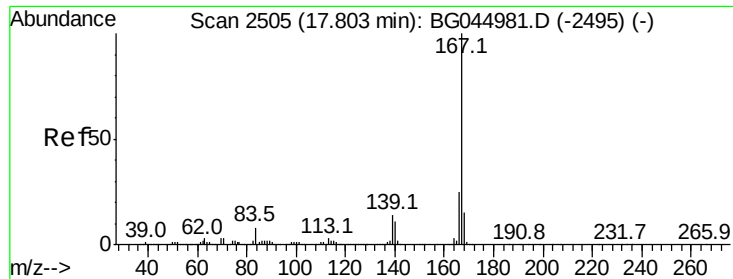
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 17.3 13.6 20.4

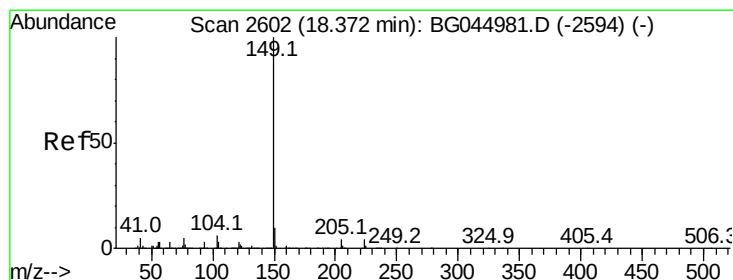
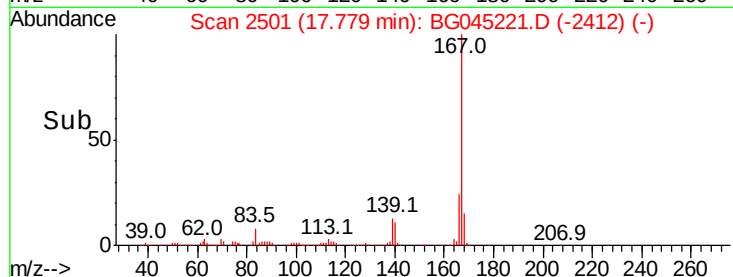
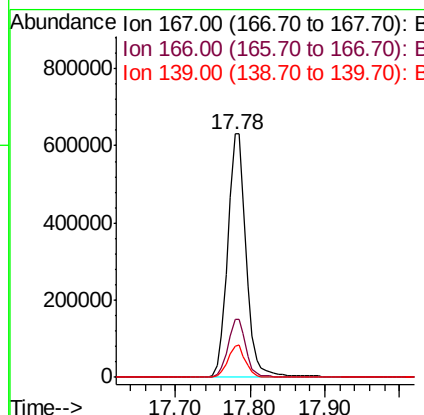
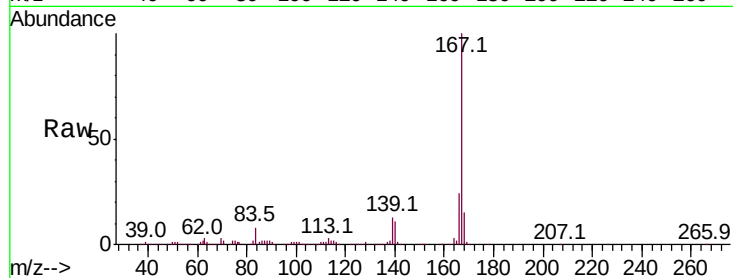




#73
 Carbazole
 Concen: 44.434 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

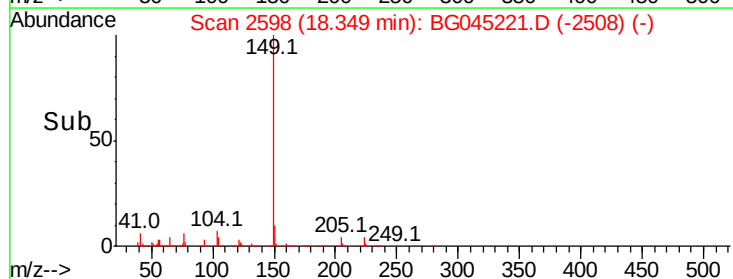
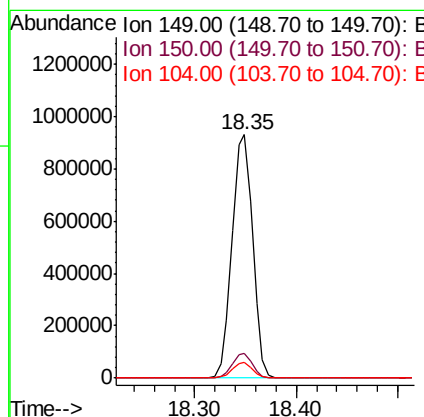
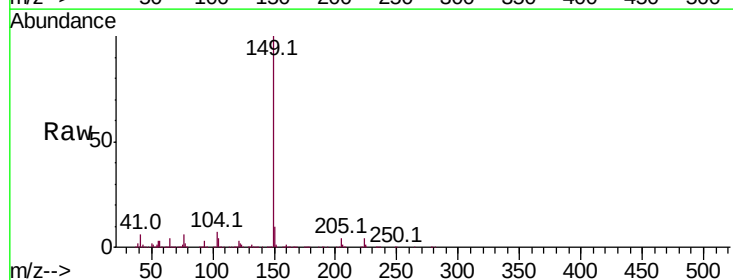
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

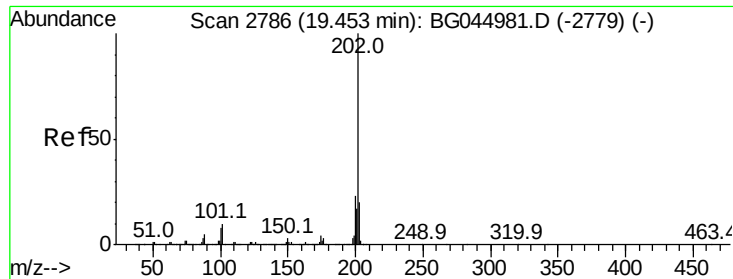
Tot Ion:167 Resp: 1097822
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.8 29.6
 139 13.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 49.672 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion:149 Resp: 1318954
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 6.7 4.8 7.2





#75

Fluoranthene

Concen: 52.751 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

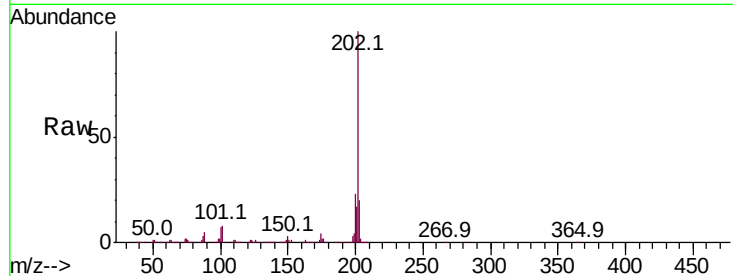
BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:202 Resp: 1474535

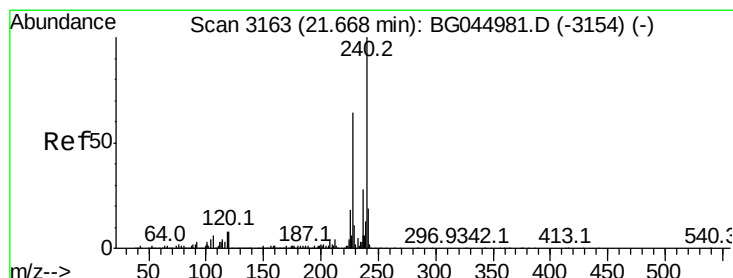
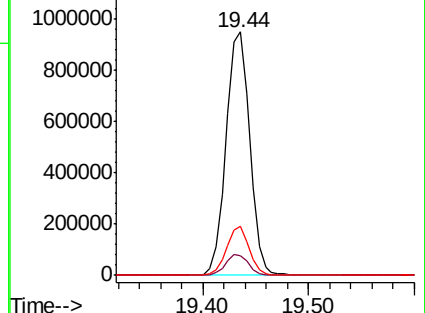
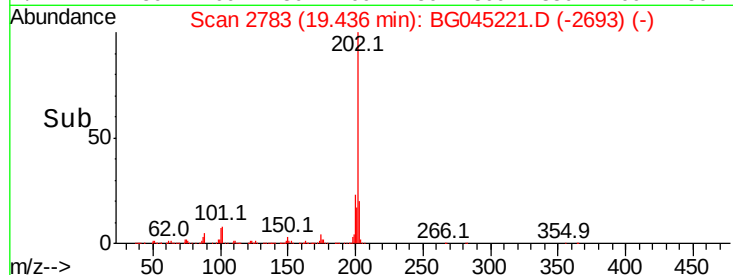
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.6
203	20.1	0.0	39.7



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: 21.65 min Scan# 3160

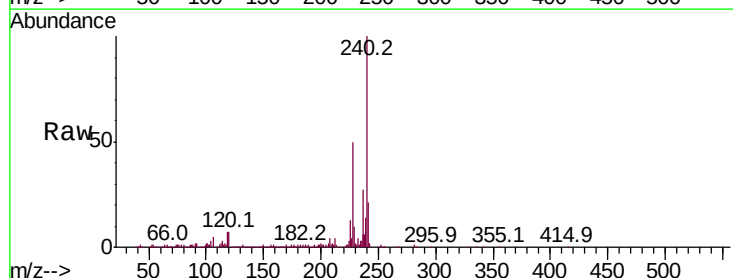
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:240 Resp: 444518

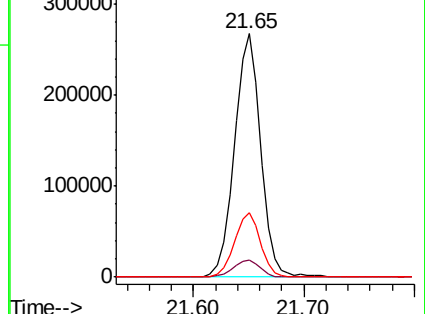
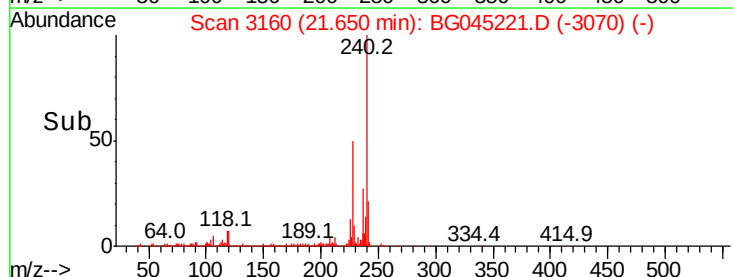
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.7	22.2	33.2

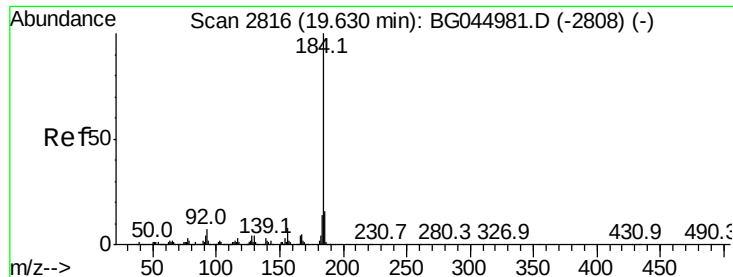


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.456 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

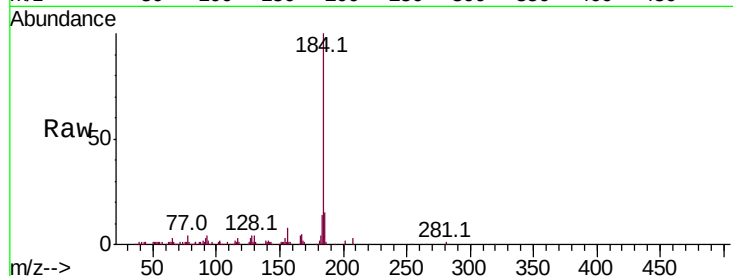
Tot Ion:184 Resp: 193483

Ion Ratio Lower Upper

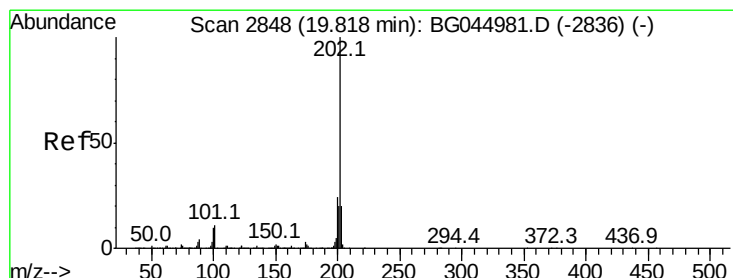
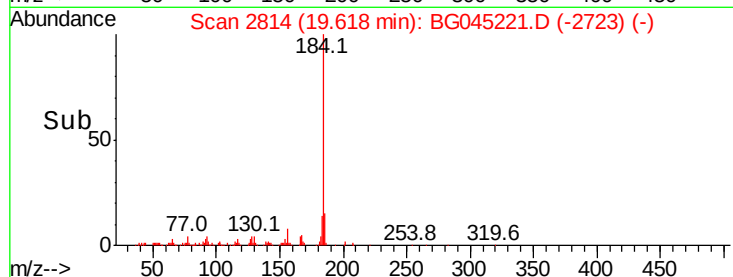
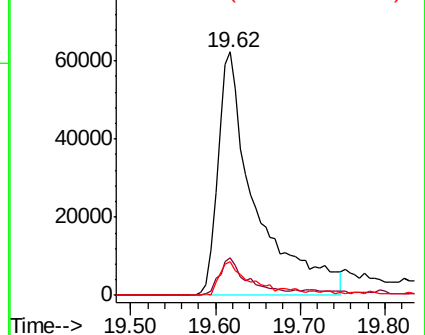
184 100

185 15.2 12.6 19.0

183 13.8 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: 47.617 ng

RT: 19.79 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

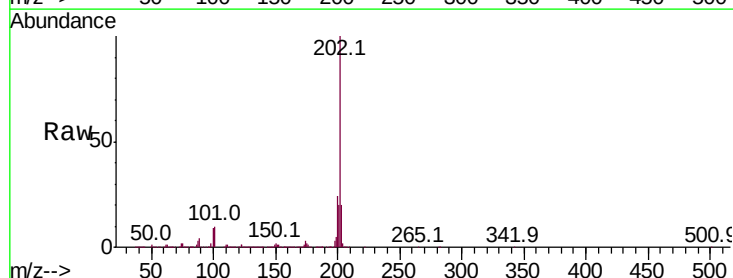
Tgt Ion:202 Resp: 1459243

Ion Ratio Lower Upper

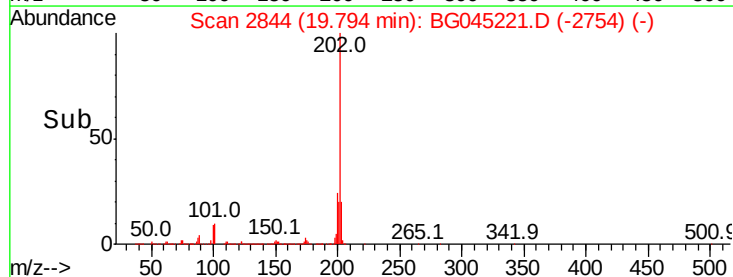
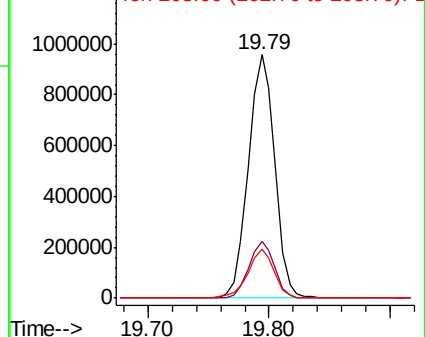
202 100

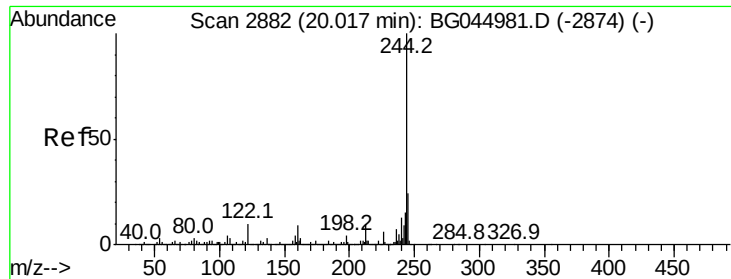
200 23.6 19.0 28.6

203 20.2 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: 105.274 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

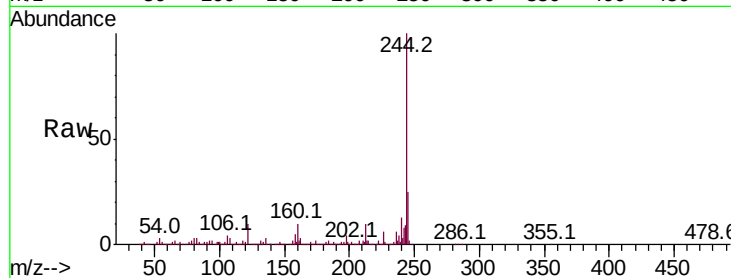
Tot Ion:244 Resp: 2147034

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

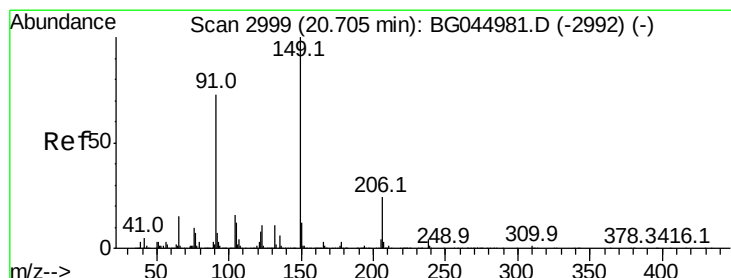
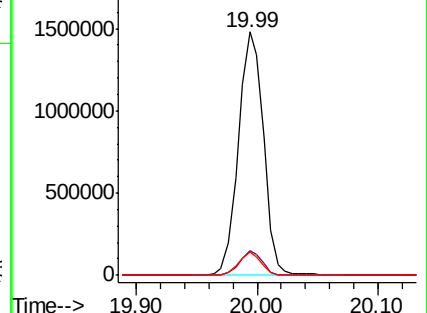
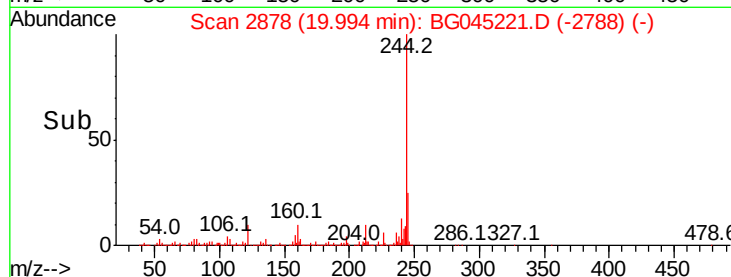
122 9.8 7.7 11.5



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: 47.395 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

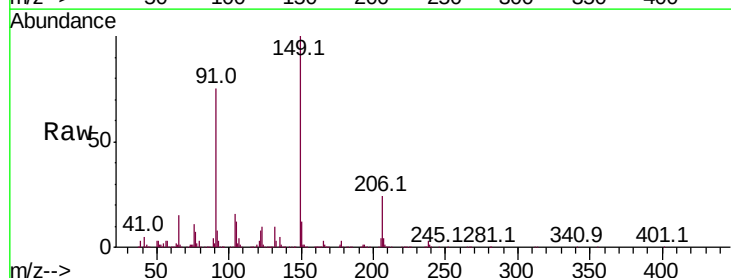
Tgt Ion:149 Resp: 602051

Ion Ratio Lower Upper

149 100

91 74.9 58.5 87.7

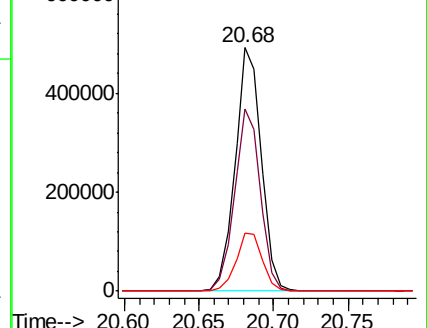
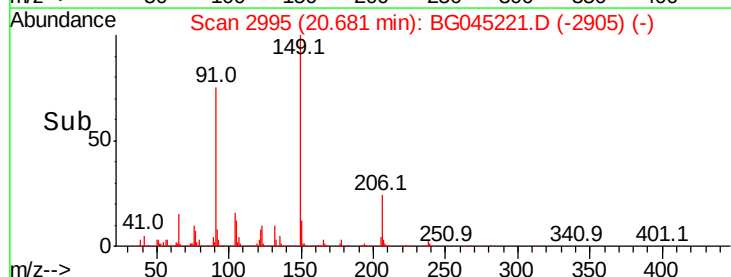
206 23.7 19.2 28.8

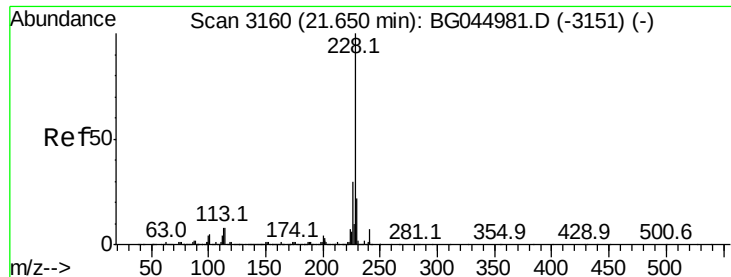


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.228 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

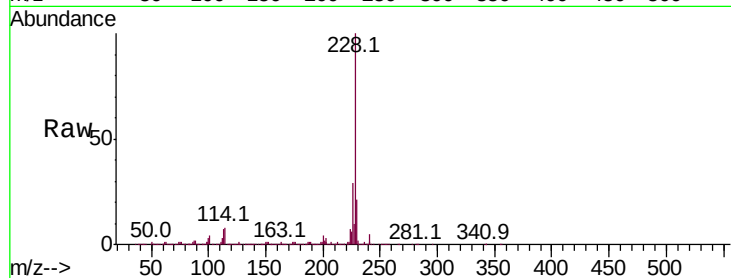
Tot Ion:228 Resp: 1418311

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.2	17.5	26.3

228 100

226 29.0 24.0 36.0

229 21.2 17.5 26.3

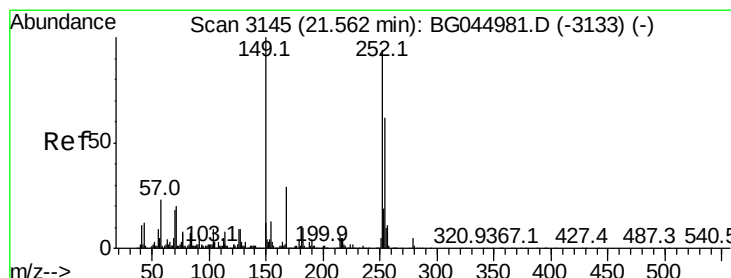
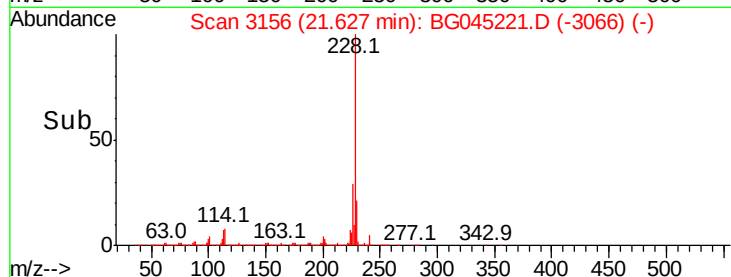
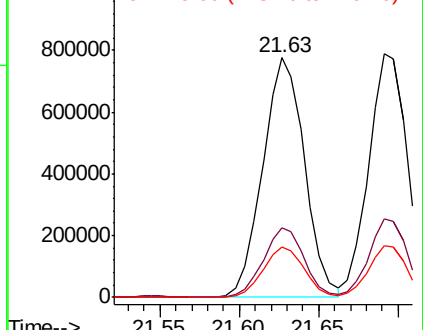


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.009 ng

RT: 21.54 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

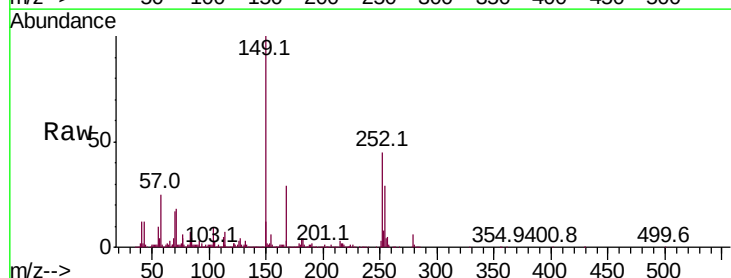
Tgt Ion:252 Resp: 447334

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	79.0
126	7.7	7.5	11.3

252 100

254 64.4 52.6 79.0

126 7.7 7.5 11.3

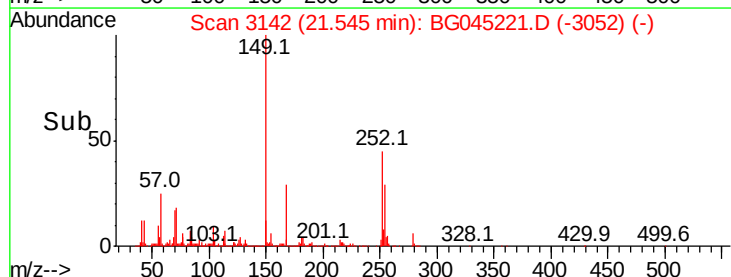
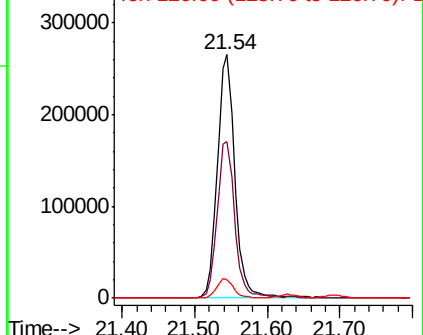


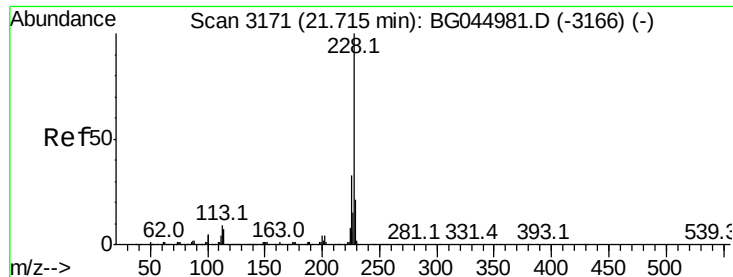
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.221 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

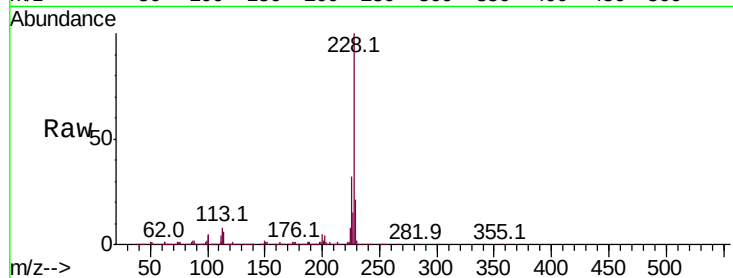
BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:228 Resp: 1362548

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.3	17.0	25.6

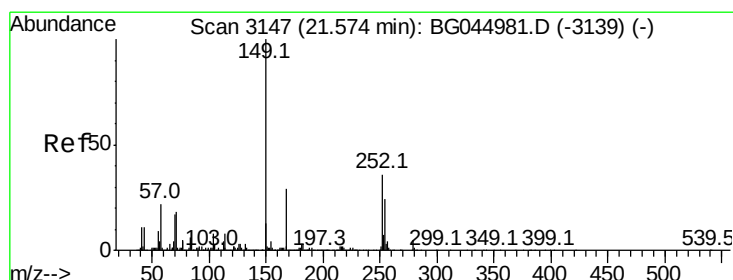
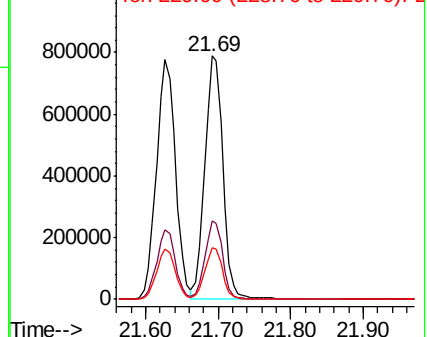
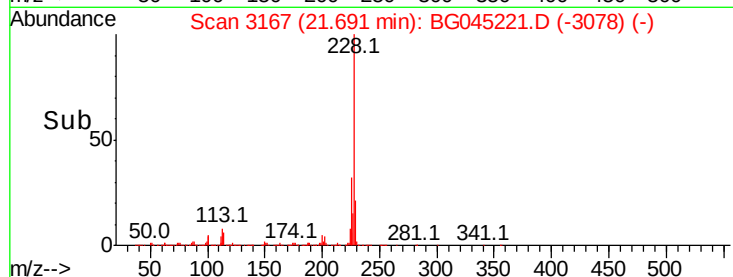


Abundance

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: 48.339 ng

RT: 21.54 min Scan# 3142

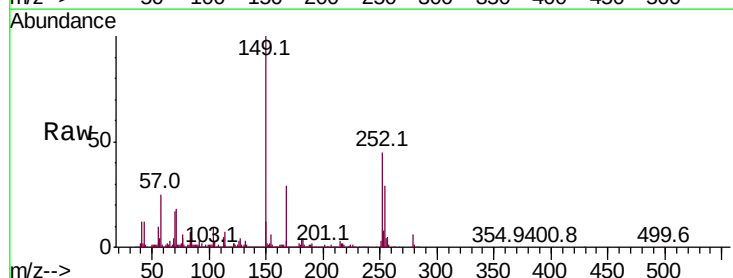
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:149 Resp: 844515

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.7	4.3	6.5

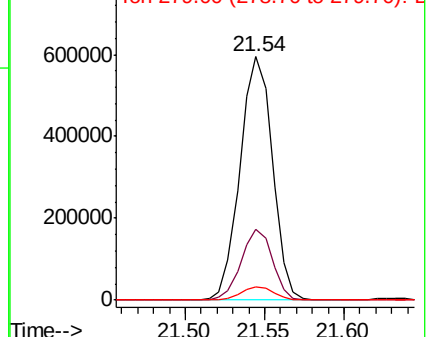
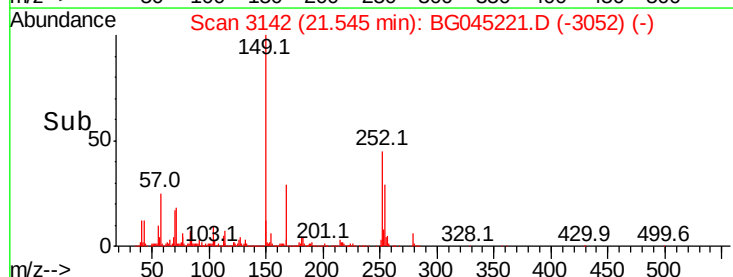


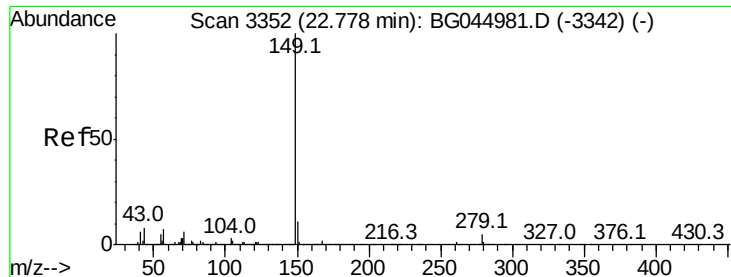
Abundance

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: 47.953 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

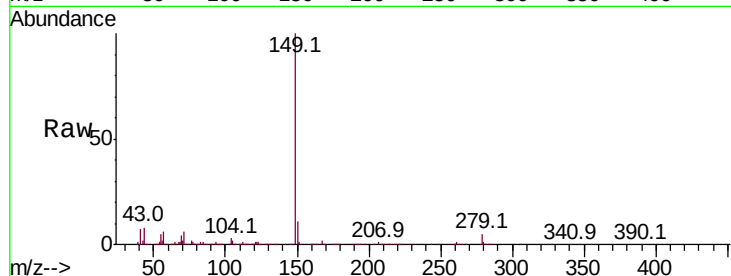
Tot Ion:149 Resp: 1448740

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

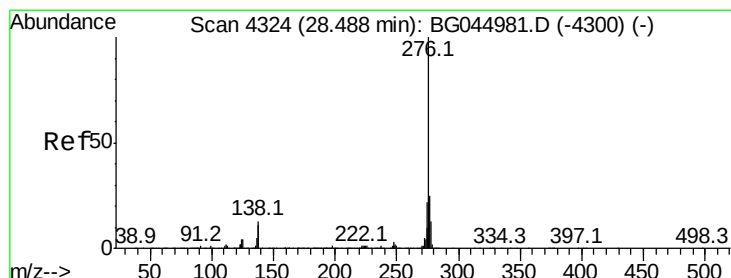
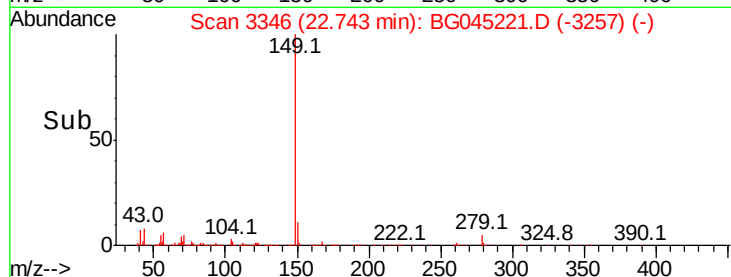
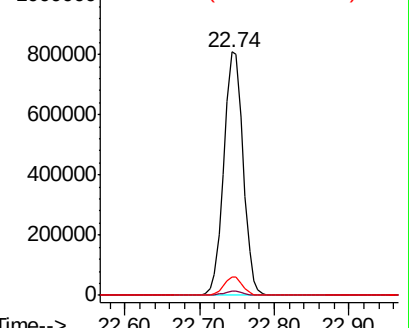
43 7.3 5.7 8.5



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: 50.709 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

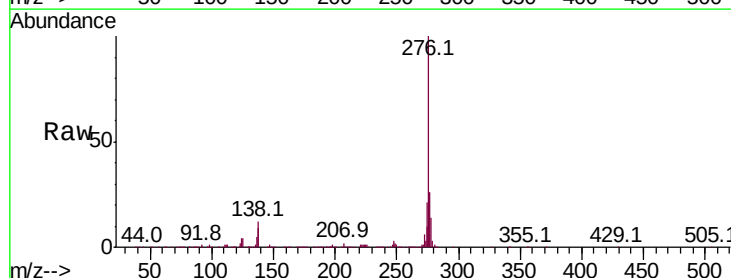
Tgt Ion:276 Resp: 1863718

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

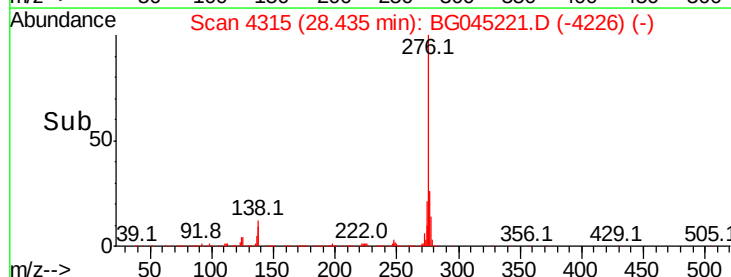
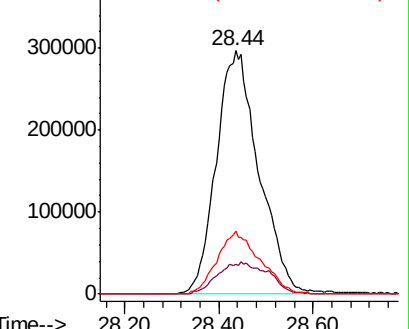
277 26.0 20.6 31.0

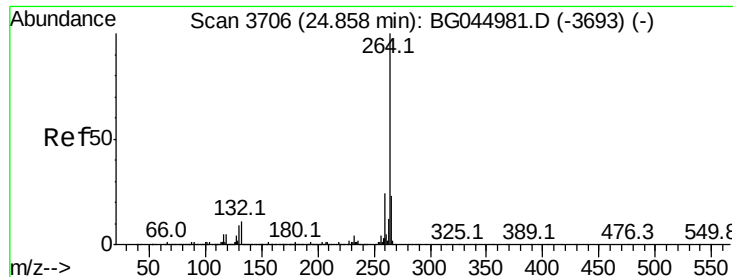


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

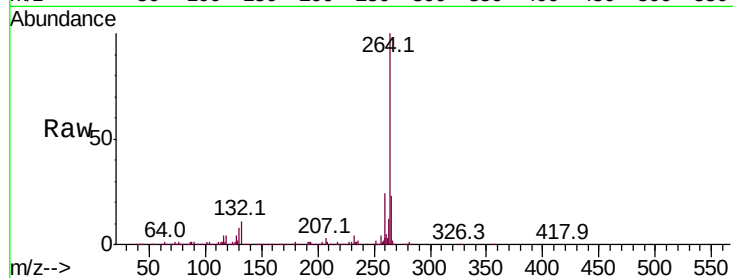
Tot Ion:264 Resp: 502994

Ion Ratio Lower Upper

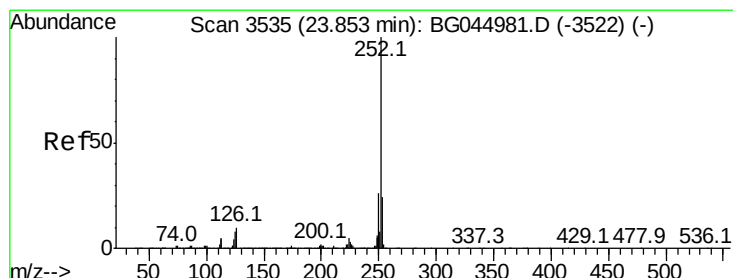
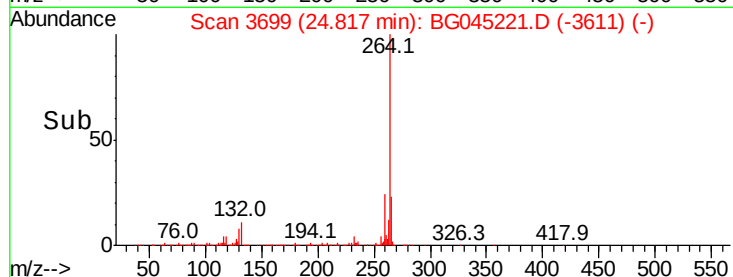
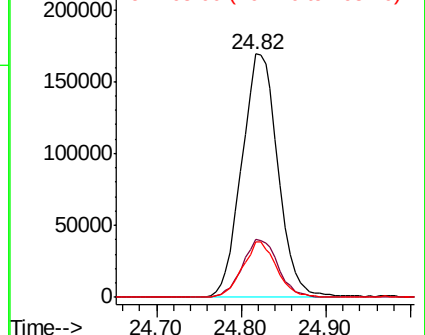
264 100

260 23.6 19.2 28.8

265 22.8 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



#88

Benzo(b)fluoranthene

Concen: 48.899 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

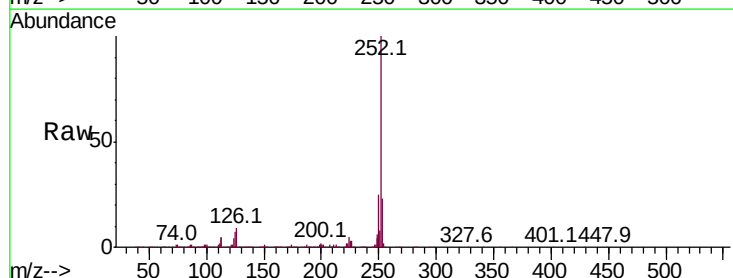
Tgt Ion:252 Resp: 1540671

Ion Ratio Lower Upper

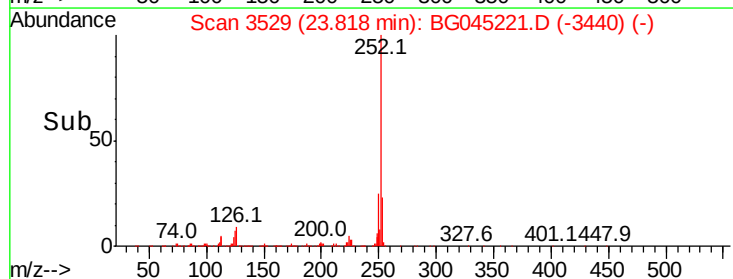
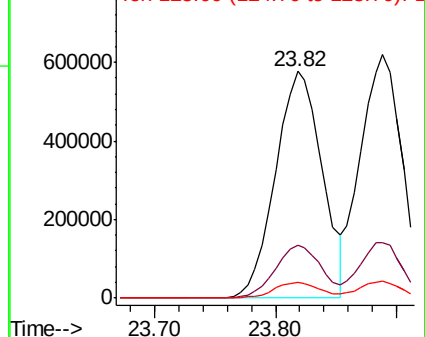
252 100

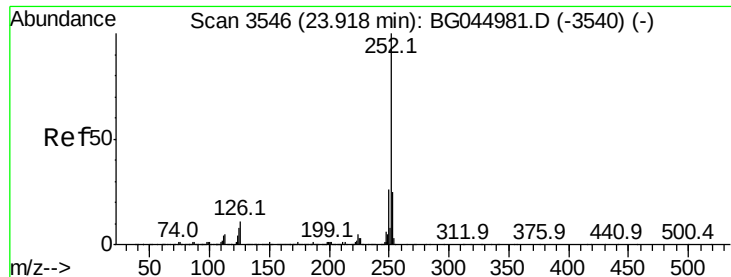
253 23.2 18.8 28.2

125 7.0 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.150 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

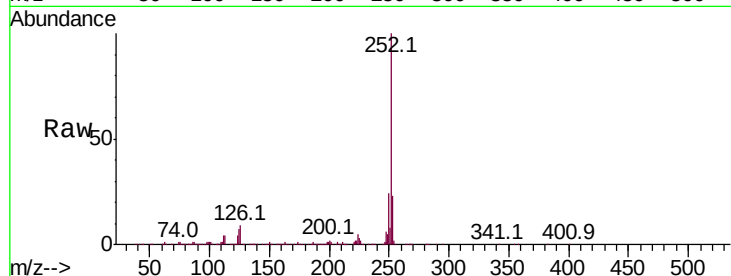
Tot Ion:252 Resp: 1502656

Ion Ratio Lower Upper

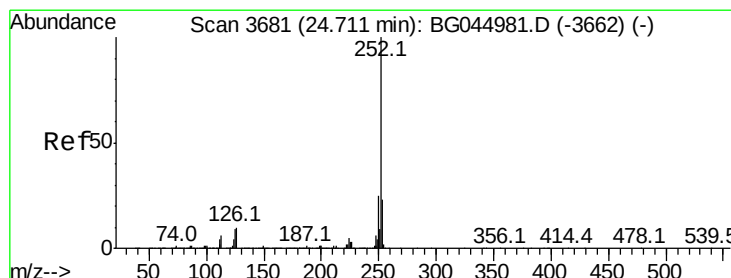
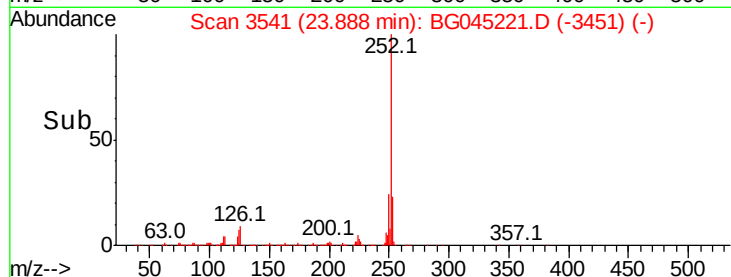
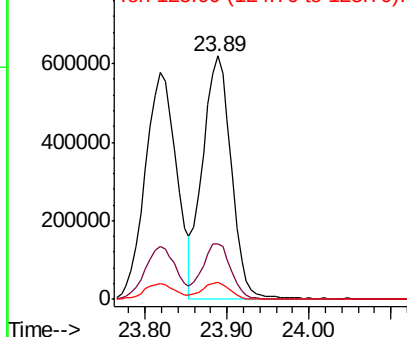
252 100

253 22.9 19.2 28.8

125 6.7 5.9 8.9



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



#90

Benzo(a)pyrene

Concen: 47.869 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

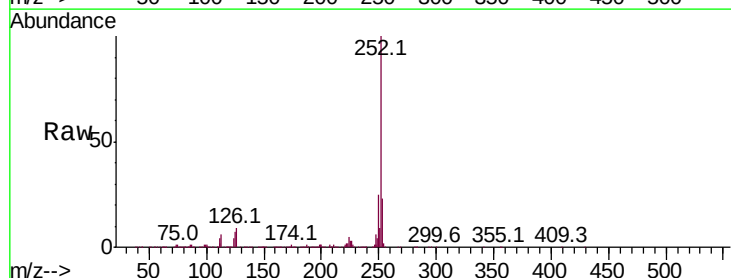
Tgt Ion:252 Resp: 1423990

Ion Ratio Lower Upper

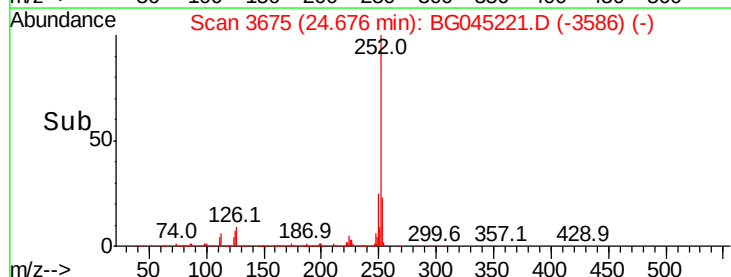
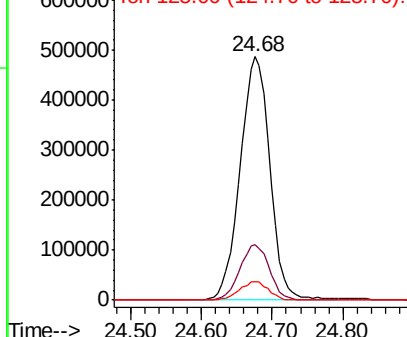
252 100

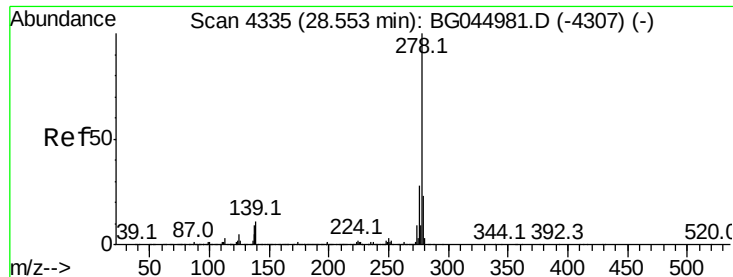
253 23.0 18.3 27.5

125 7.5 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: 49.738 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

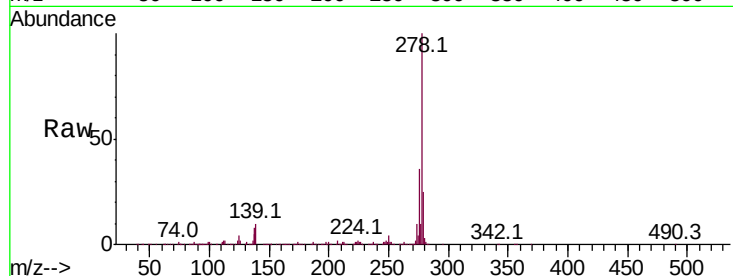
Tot Ion:278 Resp: 1490900

Ion Ratio Lower Upper

278 100

139 10.0 9.0 13.6

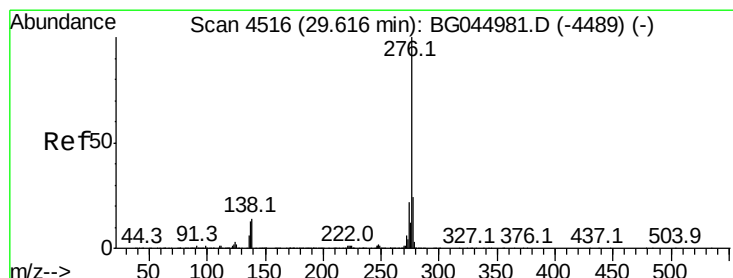
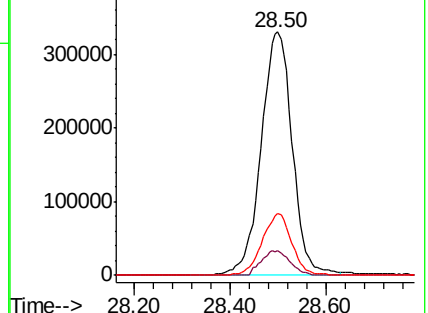
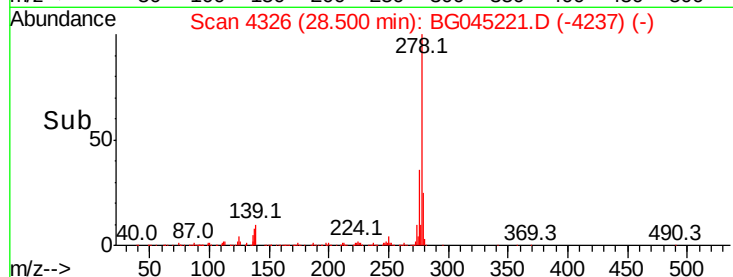
279 25.2 18.4 27.6



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(g,h,i)perylene

Concen: 51.440 ng

RT: 29.56 min Scan# 4507

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

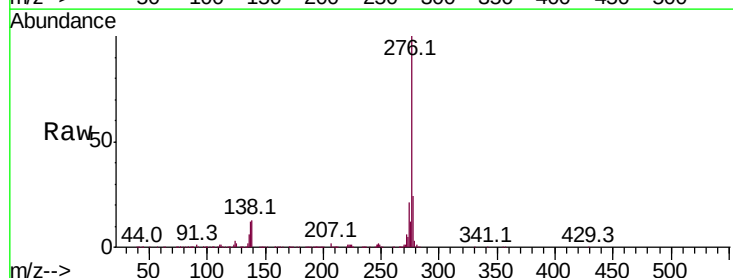
Tgt Ion:276 Resp: 1545859

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 13.3 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

