

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048845.D
 Acq On : 22 Apr 2021 13:41
 Operator : CG/JU
 Sample : M2042-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB12A(7-8)MSD

Quant Time: Apr 22 14:40:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	21729	20.00	ng	0.00
21) Naphthalene-d8	10.894	136	87372	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	57422	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	134262	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	122770	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	123564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.618	112	173922	133.87	ng	0.01
7) Phenol-d6	7.233	99	226344	123.17	ng	0.01
23) Nitrobenzene-d5	9.237	82	166718	85.43	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	93280	121.16	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	346613	87.17	ng	0.00
79) Terphenyl-d14	20.095	244	569132	79.79	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.461	88	19042	37.41	ng	# 96
3) Pyridine	3.867	79	53489	40.31	ng	# 86
4) n-Nitrosodimethylamine	3.785	42	41807	41.27	ng	90
6) Aniline	7.380	93	43119	20.91	ng	98
8) 2-Chlorophenol	7.627	128	65995	47.88	ng	96
9) Benzaldehyde	7.192	77	46474	38.17	ng	92
10) Phenol	7.257	94	88541	49.00	ng	94
11) bis(2-Chloroethyl)ether	7.474	93	55143	45.28	ng	97
12) 1,3-Dichlorobenzene	7.950	146	70607	44.56	ng	95
13) 1,4-Dichlorobenzene	8.097	146	71532	44.30	ng	96
14) 1,2-Dichlorobenzene	8.420	146	67147	45.06	ng	96
15) Benzyl Alcohol	8.303	79	71867	44.38	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.591	45	62476	47.33	ng	93
17) 2-Methylphenol	8.514	107	54407	47.16	ng	91
18) Hexachloroethane	9.149	117	28846	45.48	ng	92
19) n-Nitroso-di-n-propyla...	8.873	70	54142	43.67	ng	92
20) 3+4-Methylphenols	8.849	107	75179	47.23	ng	97
22) Acetophenone	8.890	105	101110	44.46	ng	# 97
24) Nitrobenzene	9.278	77	85110	43.72	ng	94
25) Isophorone	9.801	82	144048	41.74	ng	96
26) 2-Nitrophenol	9.995	139	35183	41.76	ng	# 85
27) 2,4-Dimethylphenol	10.054	122	66159	51.08	ng	85
28) bis(2-Chloroethoxy)met...	10.283	93	74242	49.38	ng	# 90
29) 2,4-Dichlorophenol	10.541	162	63473	43.45	ng	94
30) 1,2,4-Trichlorobenzene	10.747	180	72236	42.65	ng	93
31) Naphthalene	10.941	128	198902	44.37	ng	# 94
32) Benzoic acid	10.236	122	21519	28.36	ng	85
33) 4-Chloroaniline	11.052	127	22346	11.98	ng	# 92
34) Hexachlorobutadiene	11.223	225	52725	41.93	ng	93
35) Caprolactam	11.834	113	16756	33.76	ng	91
36) 4-Chloro-3-methylphenol	12.186	107	73461	44.41	ng	94
37) 2-Methylnaphthalene	12.551	142	150935	42.13	ng	99
38) 1-Methylnaphthalene	12.768	142	138653	41.60	ng	98
40) 1,2,4,5-Tetrachloroben...	12.915	216	87838	47.00	ng	99
41) Hexachlorocyclopentadiene	12.892	237	62254	62.46	ng	89
43) 2,4,6-Trichlorophenol	13.156	196	55766	44.71	ng	91

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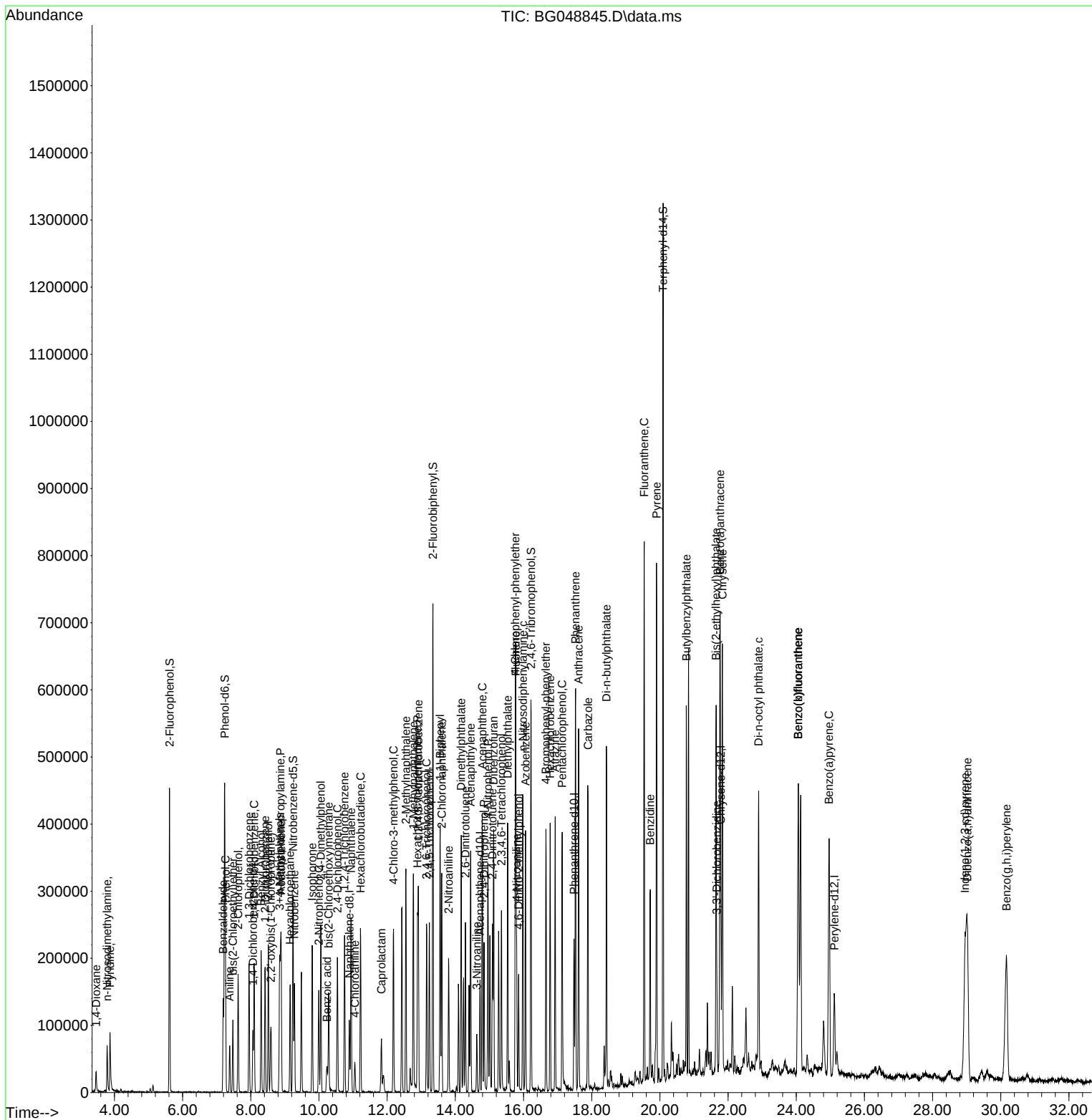
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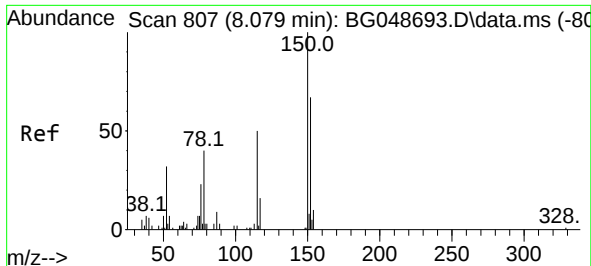
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	59264	44.74	ng	94
46) 1,1'-Biphenyl	13.555	154	198091	46.70	ng	98
47) 2-Chloronaphthalene	13.602	162	147526	45.53	ng	99
48) 2-Nitroaniline	13.802	65	55828	47.95	ng	97
49) Acenaphthylene	14.448	152	249000	49.26	ng	98
50) Dimethylphthalate	14.172	163	214862	49.88	ng	# 98
51) 2,6-Dinitrotoluene	14.296	165	44290	44.57	ng	96
52) Acenaphthene	14.789	154	154418	48.11	ng	96
53) 3-Nitroaniline	14.631	138	17953	18.82	ng	# 78
54) 2,4-Dinitrophenol	14.842	184	42325	71.55	ng	92
55) Dibenzofuran	15.124	168	235237	44.27	ng	98
56) 4-Nitrophenol	14.954	139	64409	91.13	ng	97
57) 2,4-Dinitrotoluene	15.089	165	61948	42.93	ng	# 95
58) Fluorene	15.776	166	200966	46.05	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.353	232	54053	44.10	ng	95
60) Diethylphthalate	15.535	149	204965	46.00	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	105838	44.10	ng	98
62) 4-Nitroaniline	15.800	138	41767	40.95	ng	93
63) Azobenzene	16.058	77	199373	44.43	ng	94
65) 4,6-Dinitro-2-methylph...	15.859	198	35310	39.28	ng	96
66) n-Nitrosodiphenylamine	15.982	169	173684	45.77	ng	96
67) 4-Bromophenyl-phenylether	16.658	248	70026	45.32	ng	96
68) Hexachlorobenzene	16.781	284	72338	46.22	ng	94
69) Atrazine	16.928	200	76277	48.34	ng	92
70) Pentachlorophenol	17.134	266	63568	76.21	ng	98
71) Phenanthrene	17.527	178	361986	51.95	ng	97
72) Anthracene	17.615	178	331836	48.12	ng	97
73) Carbazole	17.892	167	287244	43.49	ng	98
74) Di-n-butylphthalate	18.432	149	335554	45.32	ng	98
75) Fluoranthene	19.543	202	511256	58.01	ng	97
77) Benzidine	19.719	184	155720	46.71	ng	97
78) Pyrene	19.901	202	504191	59.36	ng	98
80) Butylbenzylphthalate	20.776	149	138492	41.70	ng	94
81) Benzo(a)anthracene	21.763	228	469348	55.94	ng	98
82) 3,3'-Dichlorobenzidine	21.669	252	44656	15.52	ng	94
83) Chrysene	21.834	228	418481	52.37	ng	98
84) Bis(2-ethylhexyl)phtha...	21.652	149	202851	43.63	ng	98
85) Di-n-octyl phthalate	22.897	149	345430	43.64	ng	99
87) Indeno(1,2,3-cd)pyrene	28.955	276	480228	52.92	ng	# 97
88) Benzo(b)fluoranthene	24.061	252	500380	59.69	ng	100
89) Benzo(k)fluoranthene	24.061	252	500380	63.47	ng	96
90) Benzo(a)pyrene	24.960	252	424459	54.96	ng	99
91) Dibenzo(a,h)anthracene	29.026	278	352470	45.28	ng	97
92) Benzo(g,h,i)perylene	30.165	276	413379	53.80	ng	99

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

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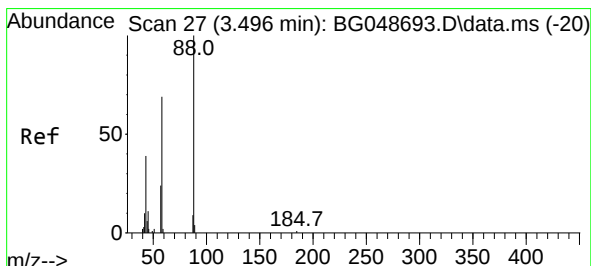
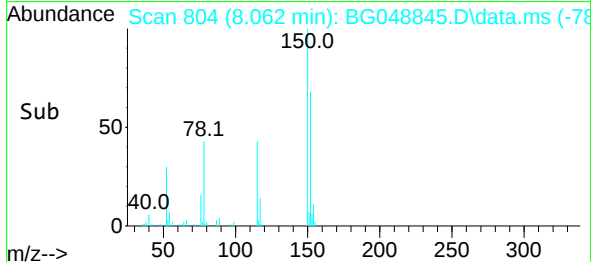
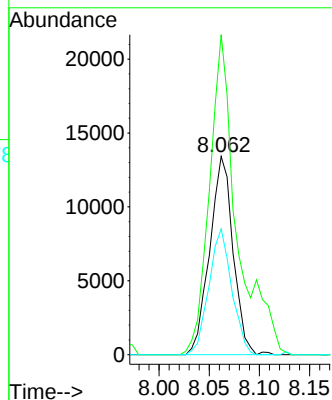
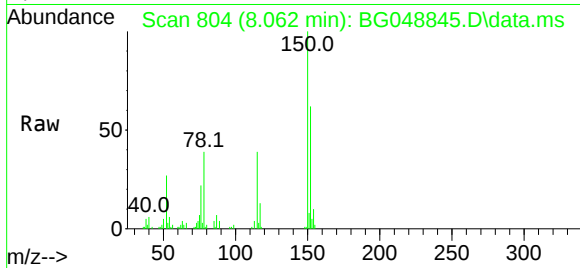




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

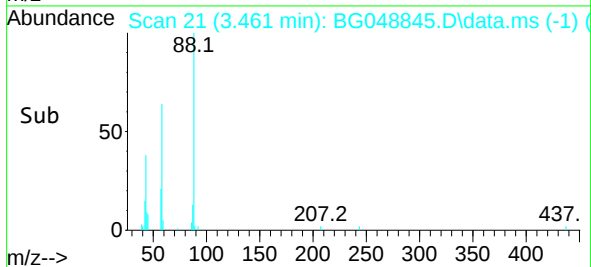
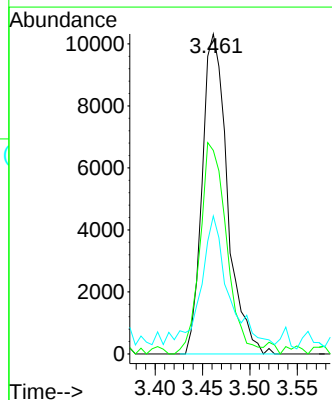
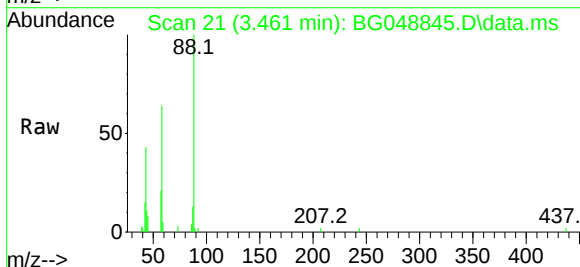
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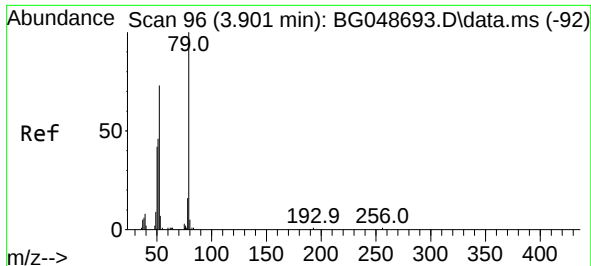
Tgt Ion:152 Resp: 21729
Ion Ratio Lower Upper
152 100
150 161.4 119.4 179.0
115 63.5 60.2 90.4



#2
1,4-Dioxane
Concen: 37.41 ng
RT: 3.461 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 88 Resp: 19042
Ion Ratio Lower Upper
88 100
58 69.7 55.7 83.5
43 44.1 29.3 43.9#

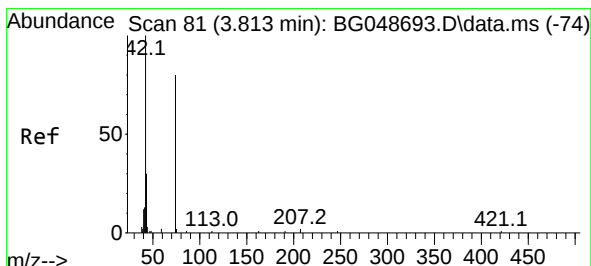
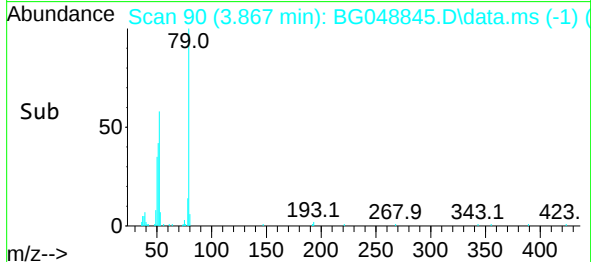
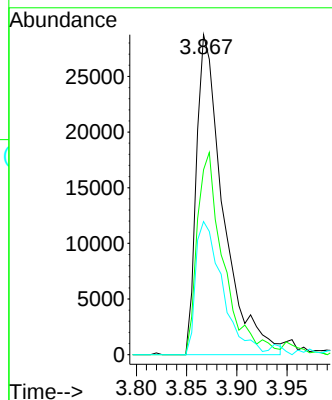
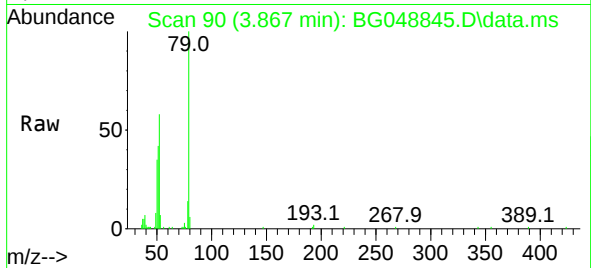




#3
Pyridine
Concen: 40.31 ng
RT: 3.867 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

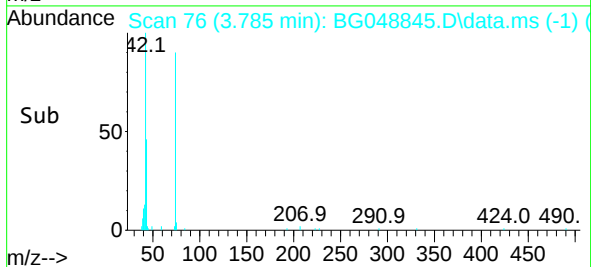
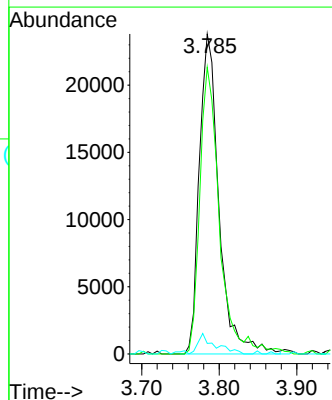
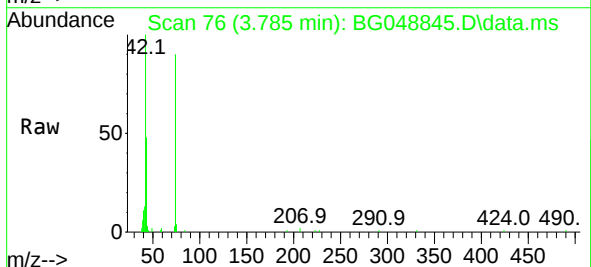
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ClientSampleId :
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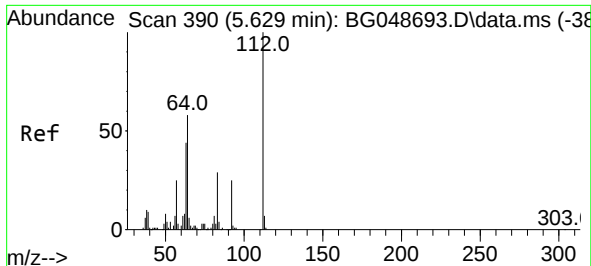
Tgt Ion: 79 Resp: 53489
Ion Ratio Lower Upper
79 100
52 57.8 58.4 87.6#
51 41.6 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 41.27 ng
RT: 3.785 min Scan# 76
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 42 Resp: 41807
Ion Ratio Lower Upper
42 100
74 89.6 64.0 96.0
44 3.3 2.7 4.1

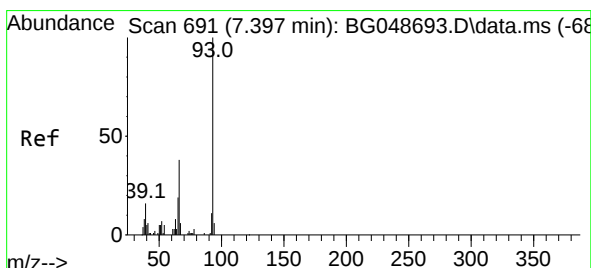
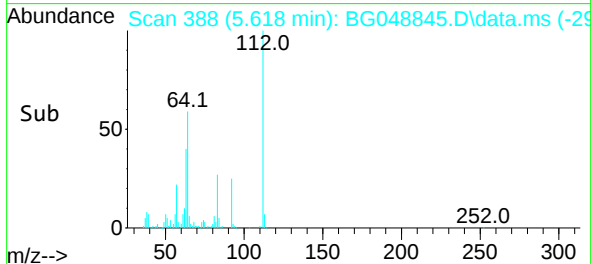
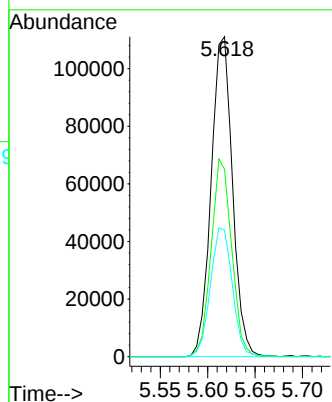
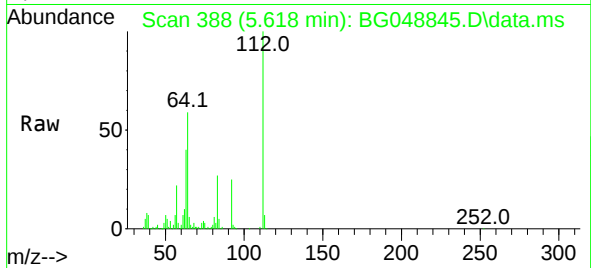




#5
2-Fluorophenol
Concen: 133.87 ng
RT: 5.618 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

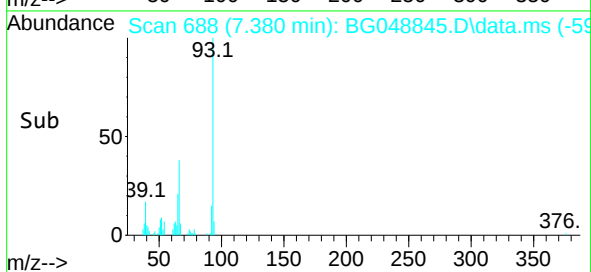
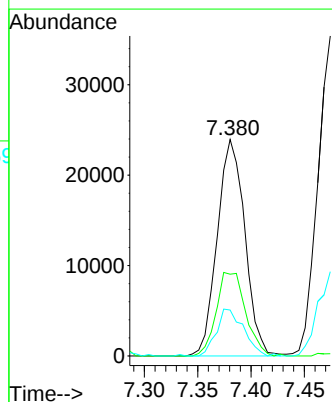
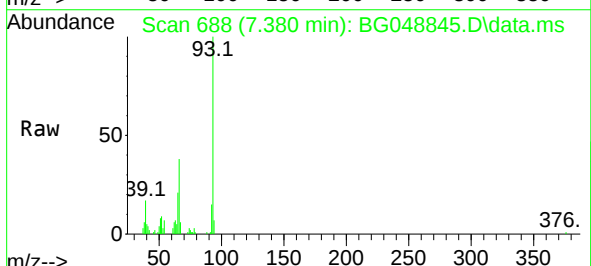
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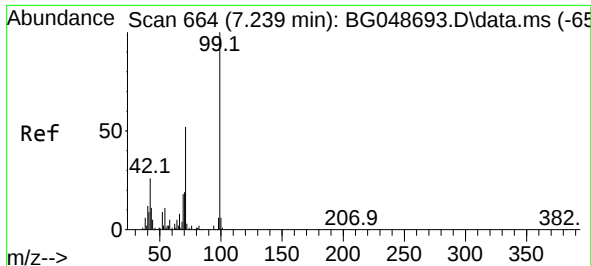
Tgt Ion:	112	Resp:	173922
Ion Ratio	Lower	Upper	
112	100		
64	58.6	46.7	70.1
63	39.6	35.3	52.9



#6
Aniline
Concen: 20.91 ng
RT: 7.380 min Scan# 688
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:	93	Resp:	43119
Ion Ratio	Lower	Upper	
93	100		
66	37.8	30.6	45.8
65	21.2	15.0	22.4

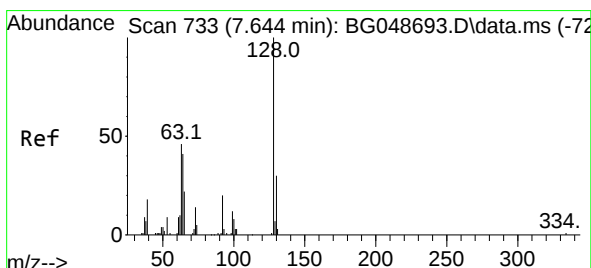
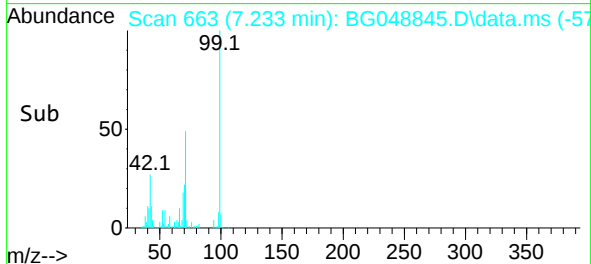
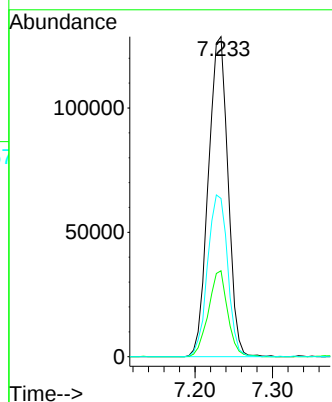
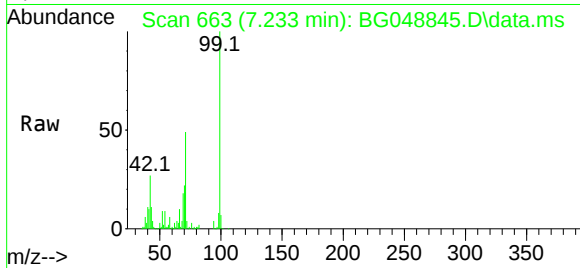




#7
Phenol-d6
Concen: 123.17 ng
RT: 7.233 min Scan# 663
Delta R.T. 0.012 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

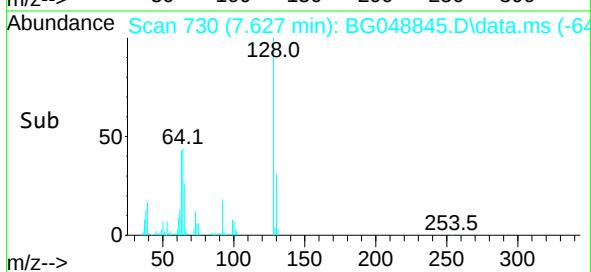
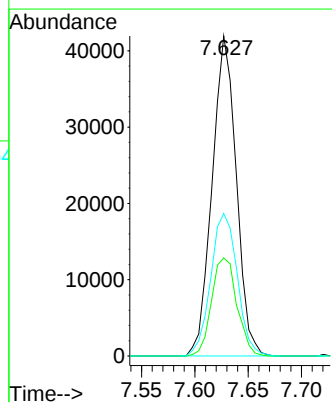
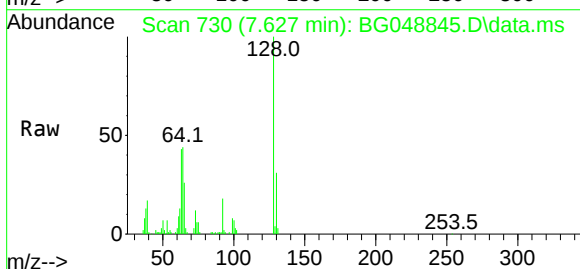
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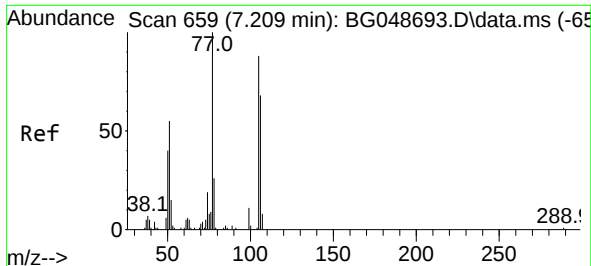
Tgt Ion: 99 Resp: 226344
Ion Ratio Lower Upper
99 100
42 26.8 20.5 30.7
71 49.4 41.5 62.3



#8
2-Chlorophenol
Concen: 47.88 ng
RT: 7.627 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG048845.D
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Tgt Ion: 128 Resp: 65995
Ion Ratio Lower Upper
128 100
130 30.7 10.0 50.0
64 44.5 28.1 68.1

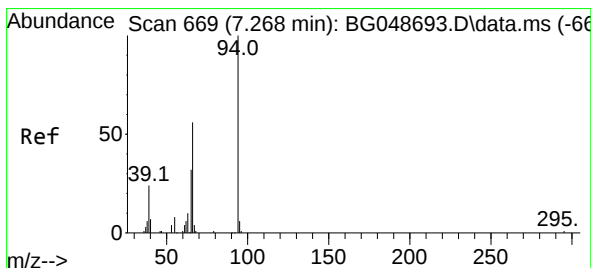
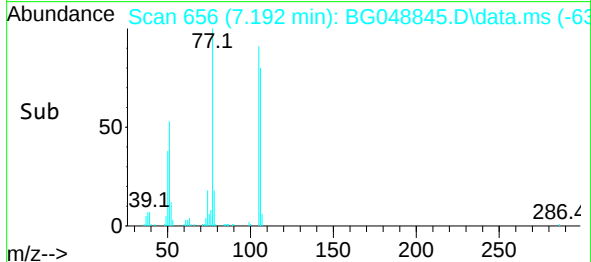
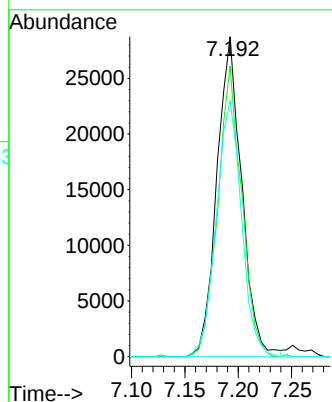
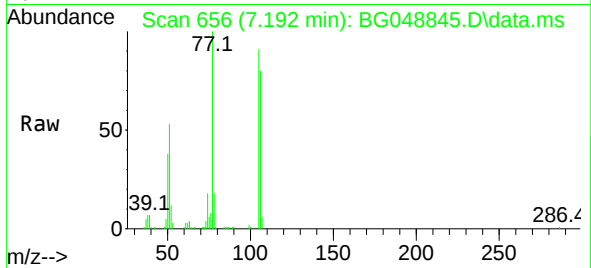




#9
Benzaldehyde
Concen: 38.17 ng
RT: 7.192 min Scan# 656
Delta R.T. 0.001 min
Lab File: BG048845.D
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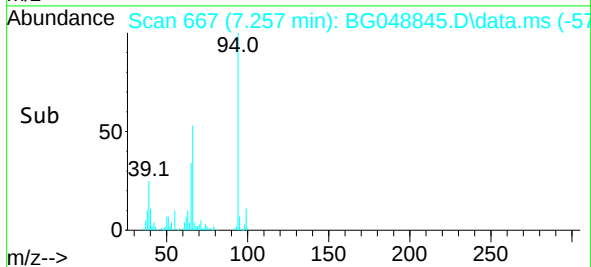
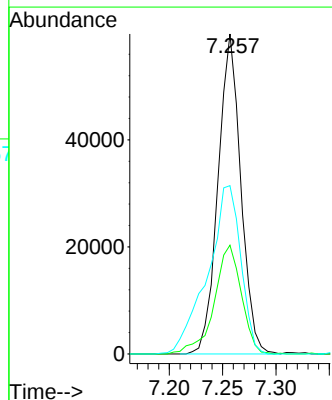
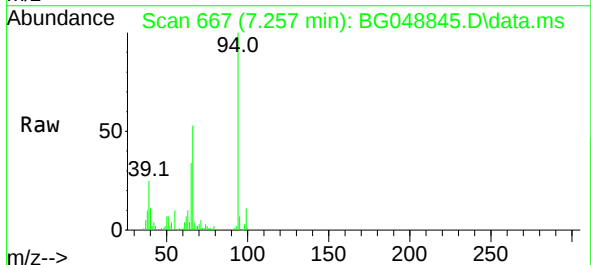
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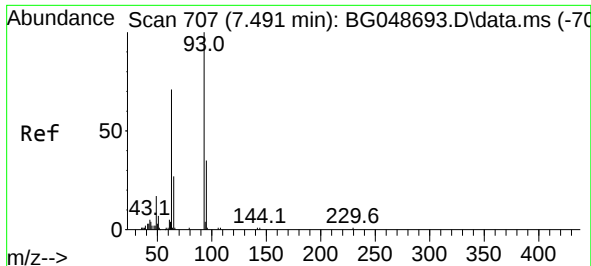
Tgt Ion: 77 Resp: 46474
Ion Ratio Lower Upper
77 100
105 90.8 68.8 108.8
106 79.9 47.9 87.9



#10
Phenol
Concen: 49.00 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

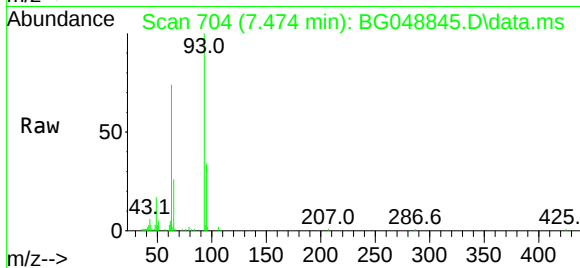
Tgt Ion: 94 Resp: 88541
Ion Ratio Lower Upper
94 100
65 34.0 12.9 52.9
66 52.6 39.4 79.4



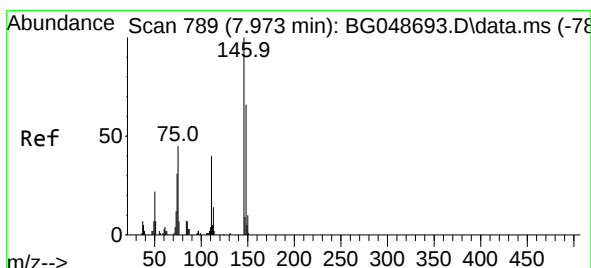
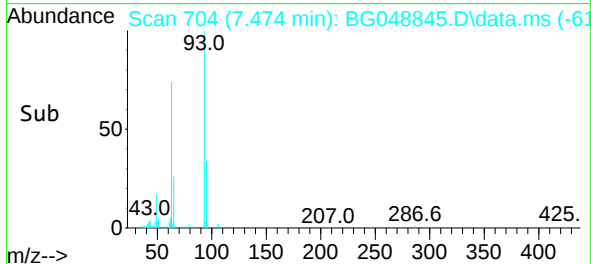
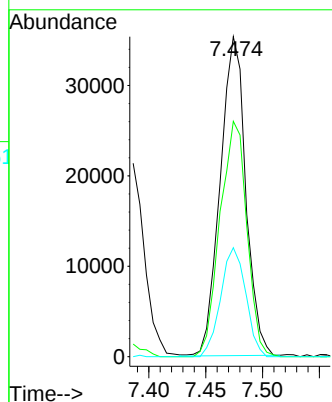


#11
bis(2-Chloroethyl)ether
Concen: 45.28 ng
RT: 7.474 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

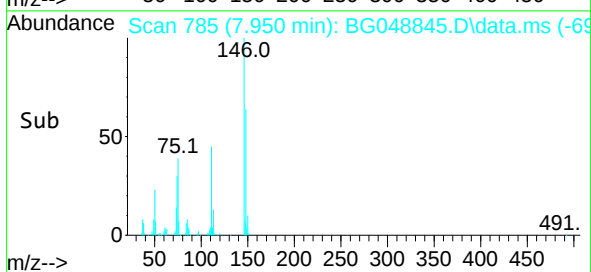
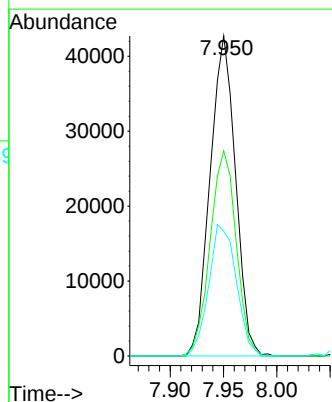
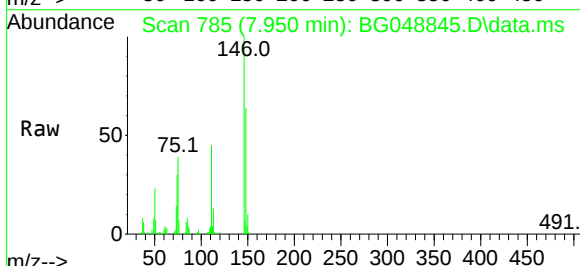


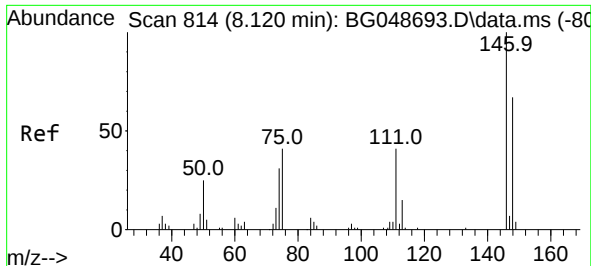
Tgt Ion: 93 Resp: 55143
Ion Ratio Lower Upper
93 100
63 73.5 50.4 90.4
95 34.1 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 44.56 ng
RT: 7.950 min Scan# 785
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:146 Resp: 70607
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
75 38.9 35.7 53.5





#13

1,4-Dichlorobenzene

Concen: 44.30 ng

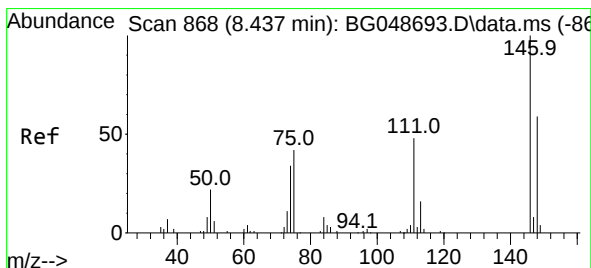
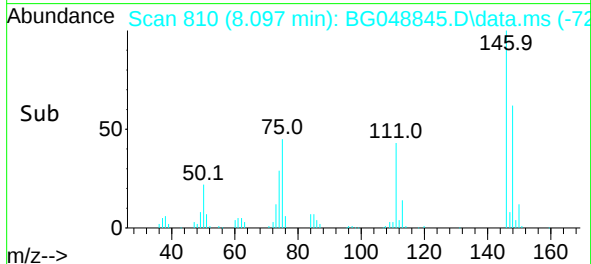
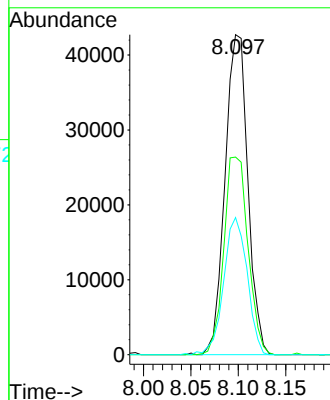
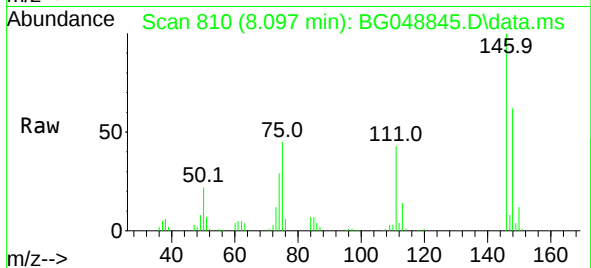
RT: 8.097 min Scan# 810

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

Tgt Ion:	146	Resp:	71532
Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.0	81.0
111	42.8	34.3	51.5



#14

1,2-Dichlorobenzene

Concen: 45.06 ng

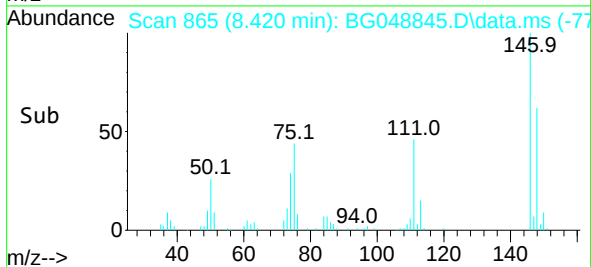
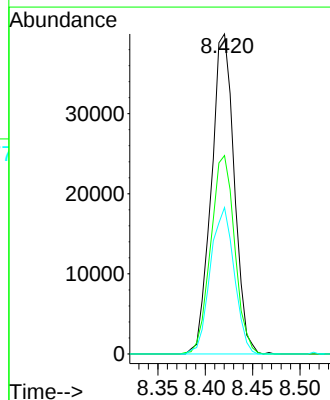
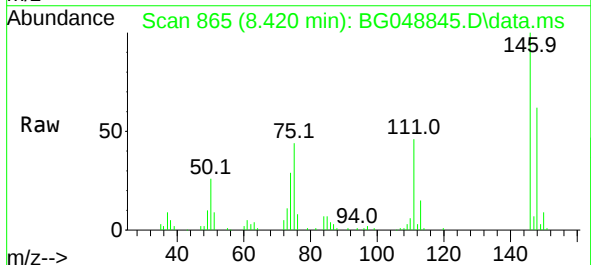
RT: 8.420 min Scan# 865

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

Tgt Ion:	146	Resp:	67147
Ion	Ratio	Lower	Upper
146	100		
148	62.0	47.5	71.3
111	45.7	39.1	58.7

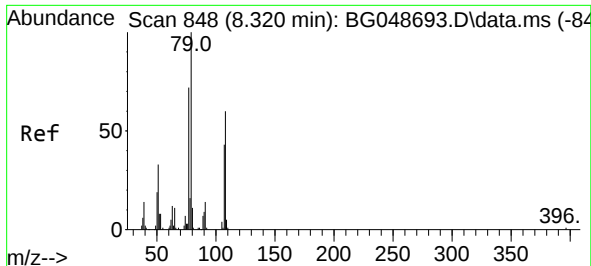


Instrument :

BNA_F

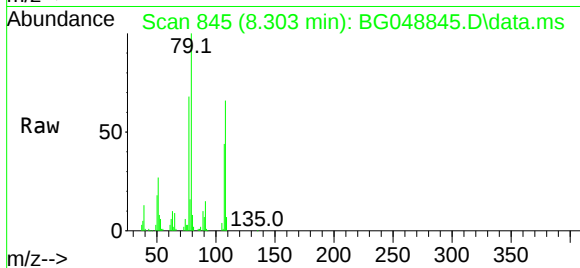
ClientSampleId :

FS-SB12A(7-8)MSD

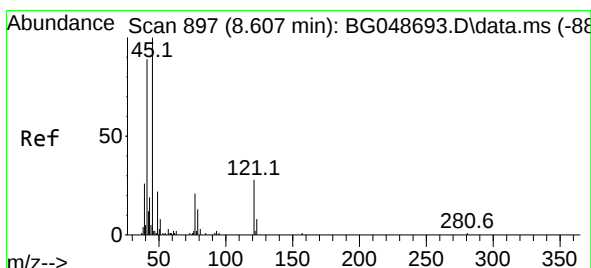
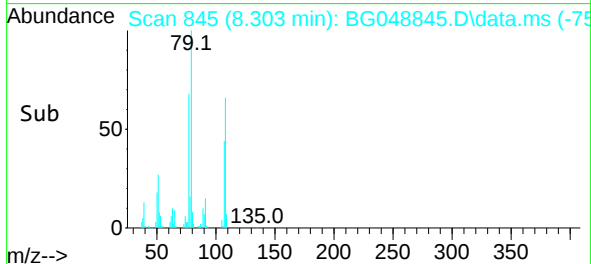
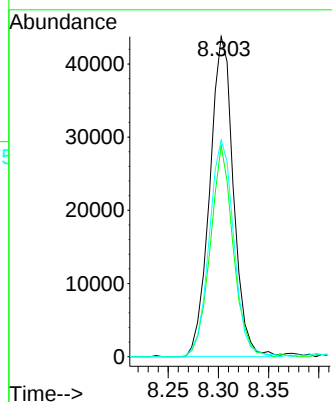


#15
Benzyl Alcohol
Concen: 44.38 ng
RT: 8.303 min Scan# 845
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

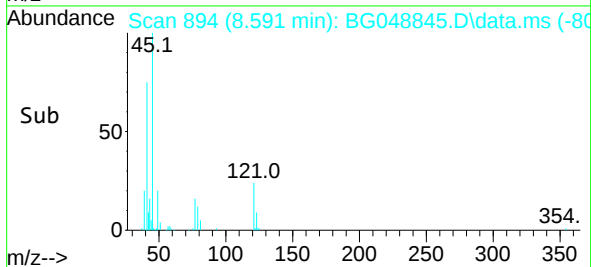
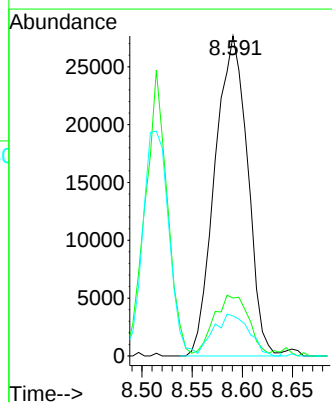
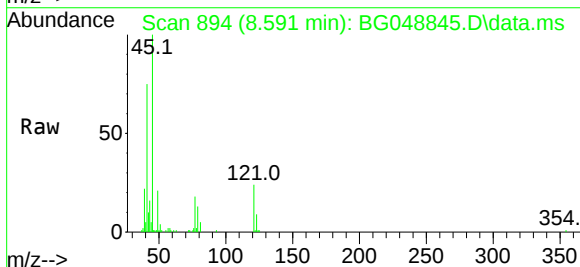


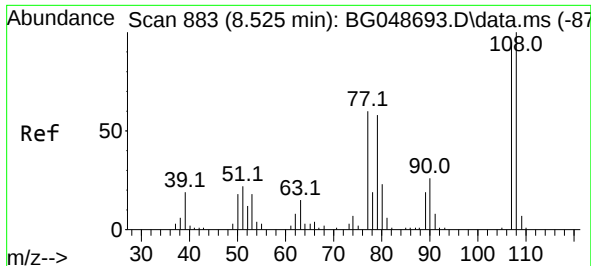
Tgt Ion: 79 Resp: 71867
Ion Ratio Lower Upper
79 100
108 66.0 48.2 72.4
77 67.7 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.33 ng
RT: 8.591 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 45 Resp: 62476
Ion Ratio Lower Upper
45 100
77 18.1 2.2 42.2
79 12.5 0.0 34.3

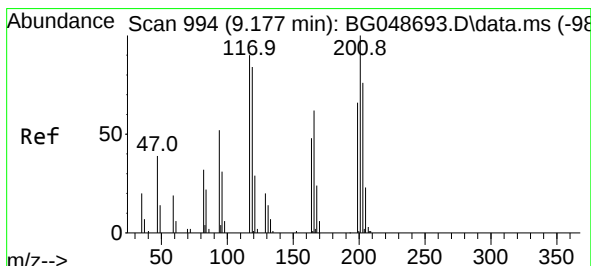
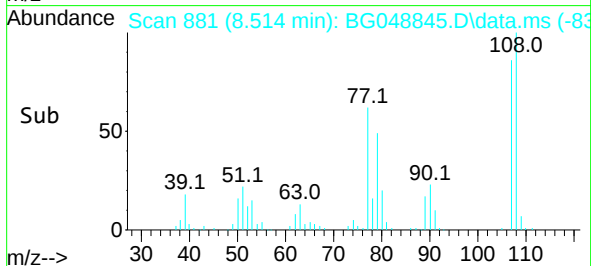
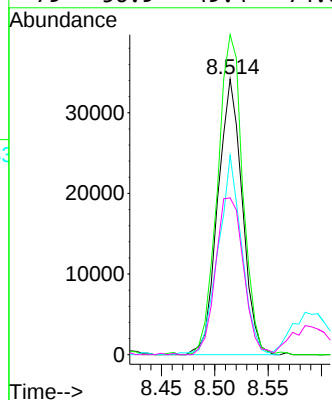
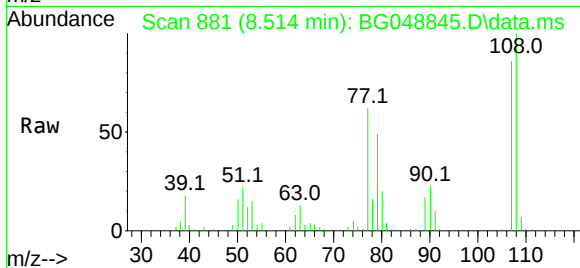




#17
2-Methylphenol
Concen: 47.16 ng
RT: 8.514 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

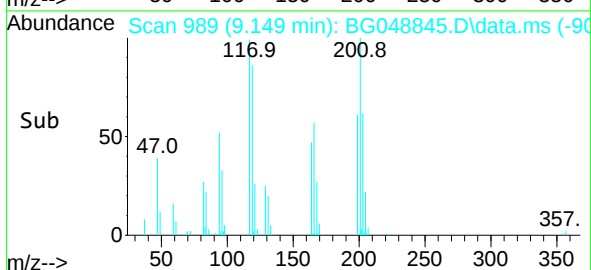
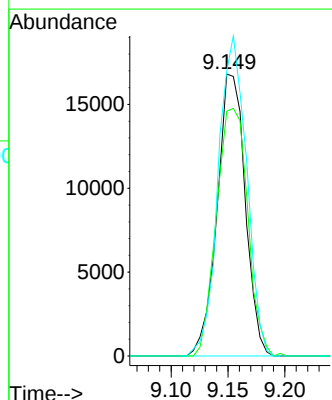
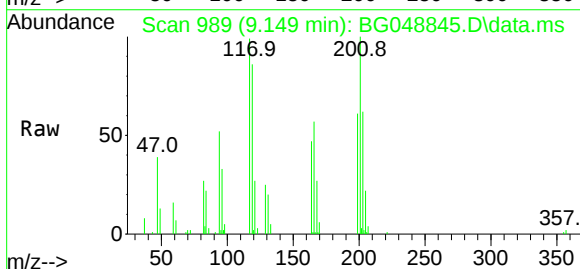
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

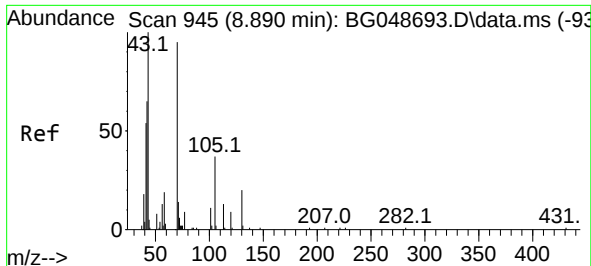
Tgt Ion:	107	Resp:	54407
Ion Ratio	Lower	Upper	
107	100		
108	116.1	84.6	127.0
77	72.3	50.7	76.1
79	56.9	49.4	74.0



#18
Hexachloroethane
Concen: 45.48 ng
RT: 9.149 min Scan# 989
Delta R.T. -0.005 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:	117	Resp:	28846
Ion Ratio	Lower	Upper	
117	100		
119	86.8	74.4	111.6
201	101.0	88.6	133.0



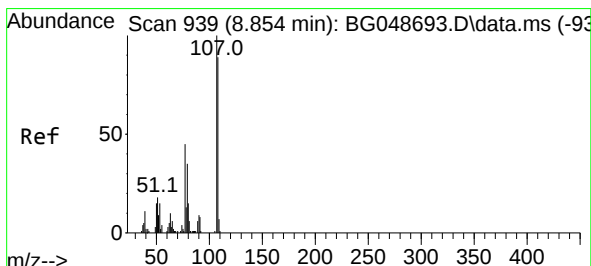
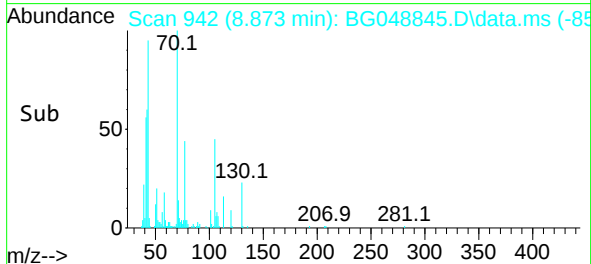
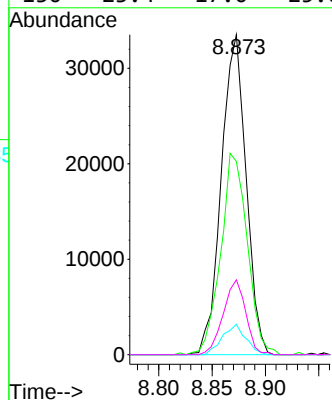
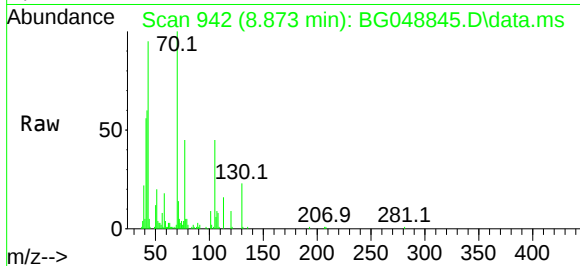


#19
n-Nitroso-di-n-propylamine
Concen: 43.67 ng
RT: 8.873 min Scan# 942
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

Tgt Ion: 70 Resp: 54142

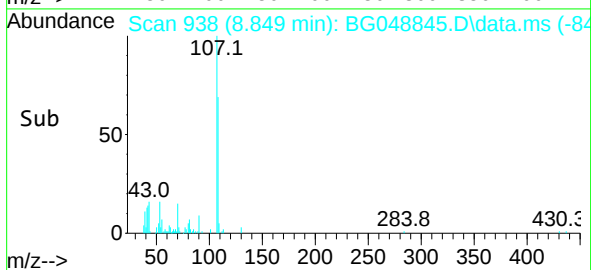
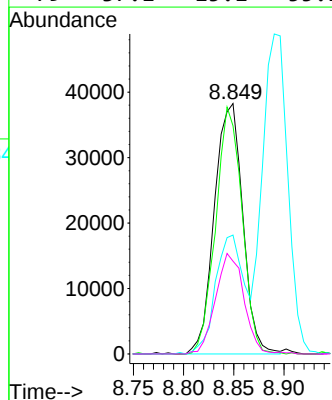
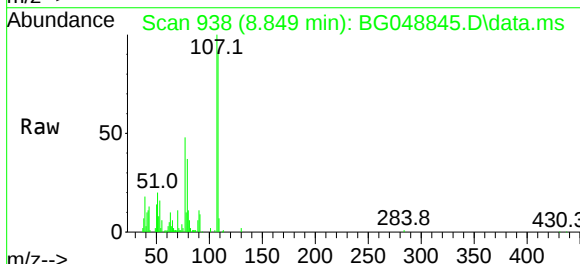
Ion	Ratio	Lower	Upper
70	100		
42	60.4	54.5	81.7
101	9.5	9.0	13.6
130	23.4	17.0	25.6

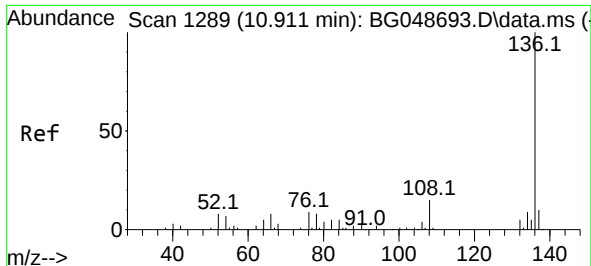


#20
3+4-Methylphenols
Concen: 47.23 ng
RT: 8.849 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 107 Resp: 75179

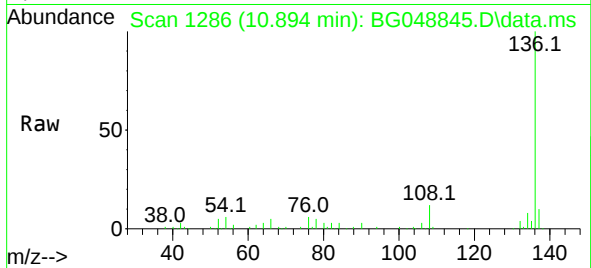
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.3	109.3
77	47.5	25.2	65.2
79	37.1	15.1	55.1



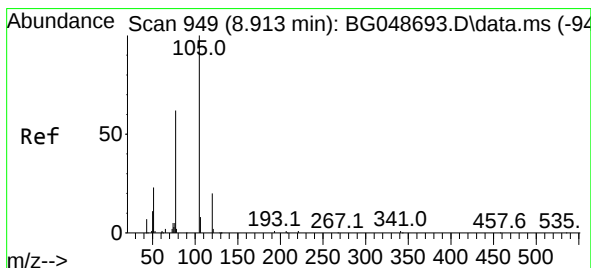
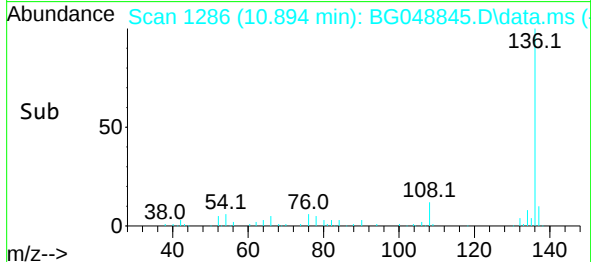
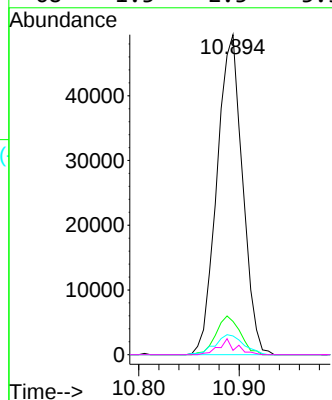


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.894 min Scan# 1286
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

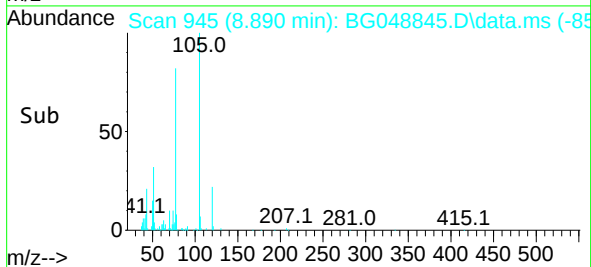
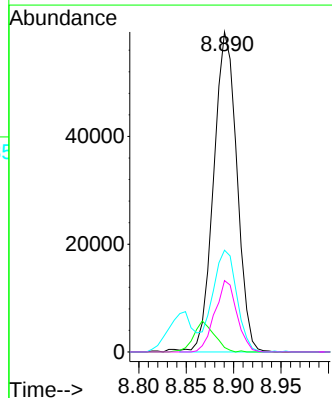
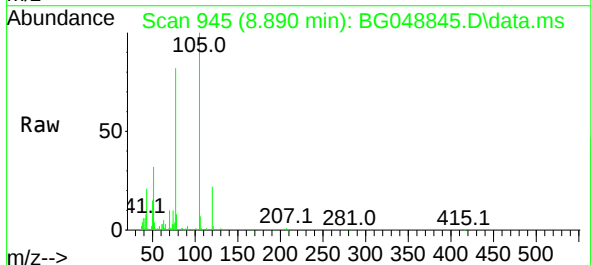


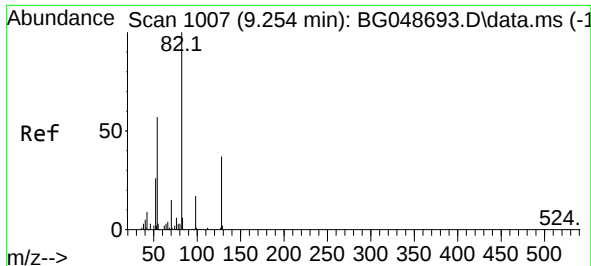
Tgt Ion:136 Resp: 87372
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 5.9 5.5 8.3
68 1.3 2.3 3.5#



#22
Acetophenone
Concen: 44.46 ng
RT: 8.890 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:105 Resp: 101110
Ion Ratio Lower Upper
105 100
71 1.4 0.6 0.8#
51 31.8 26.6 40.0
120 22.3 16.2 24.4

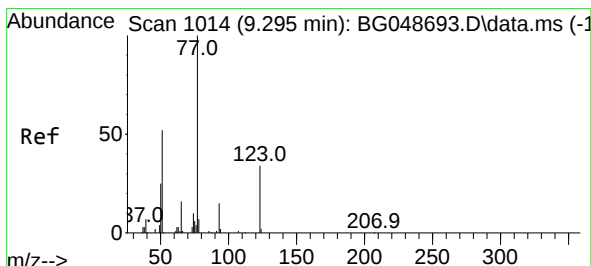
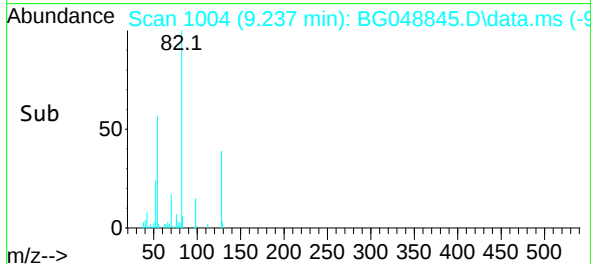
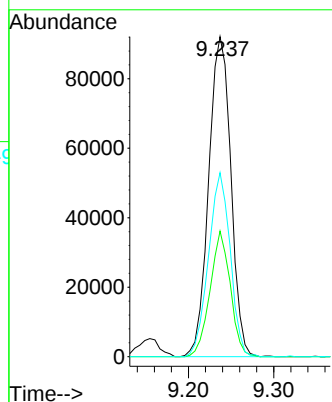
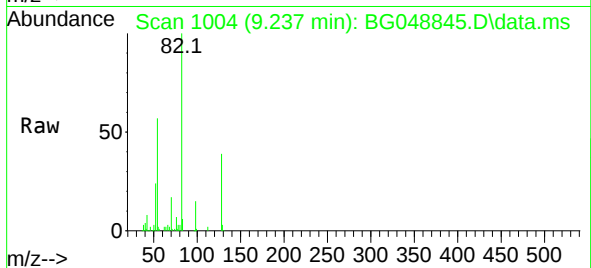




#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

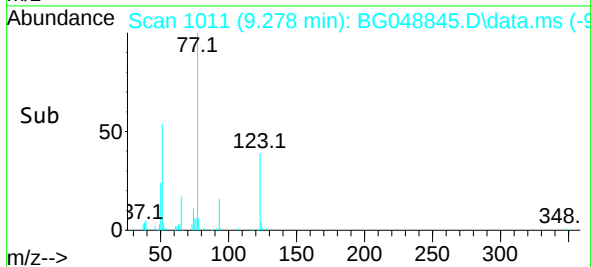
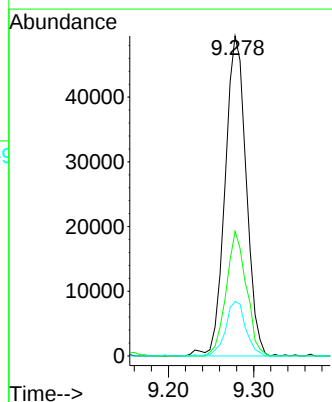
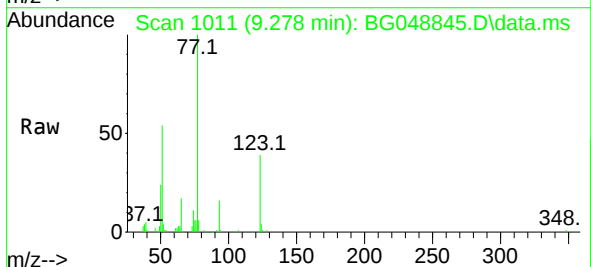
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

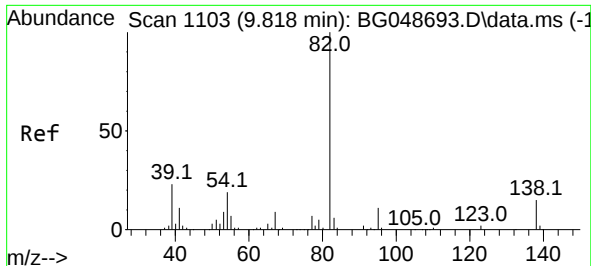
Tgt Ion: 82 Resp: 166718
Ion Ratio Lower Upper
82 100
128 39.3 29.8 44.6
54 57.5 45.8 68.8



#24
Nitrobenzene
Concen: 43.72 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 77 Resp: 85110
Ion Ratio Lower Upper
77 100
123 39.0 27.5 41.3
65 17.0 12.6 18.8

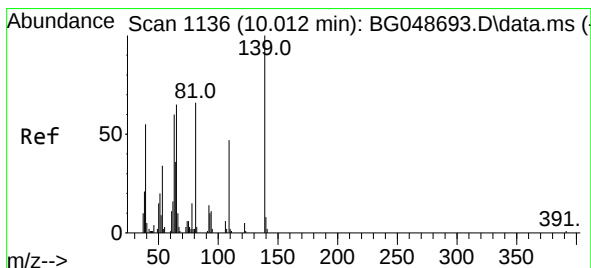
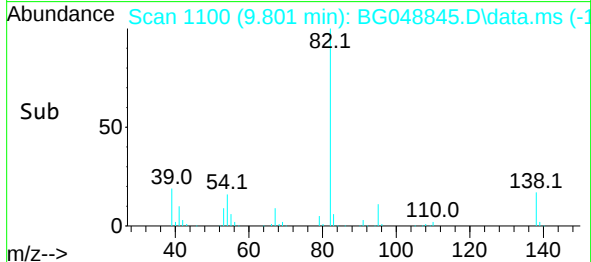
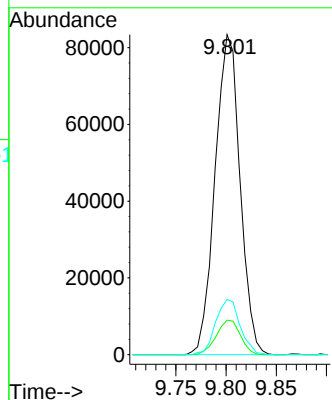
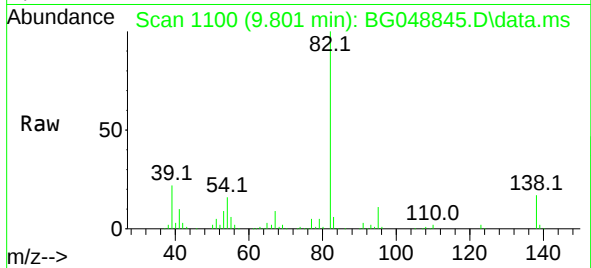




#25
Isophorone
Concen: 41.74 ng
RT: 9.801 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

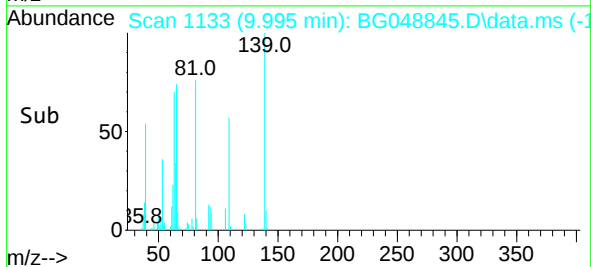
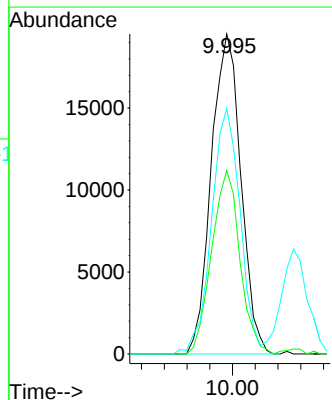
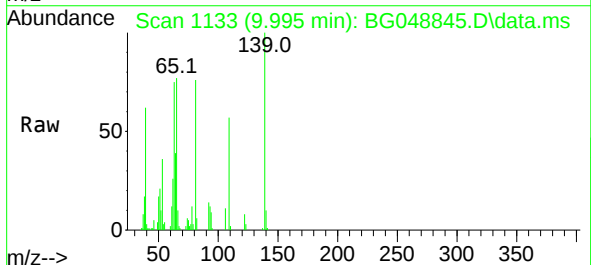
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

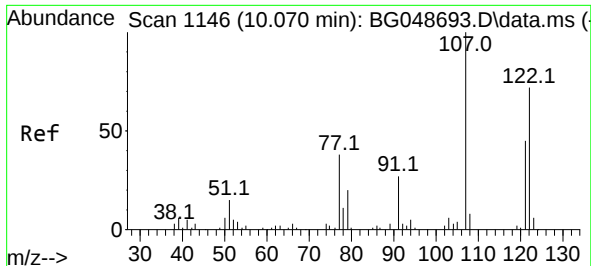
Tgt Ion: 82 Resp: 144048
Ion Ratio Lower Upper
82 100
95 10.8 8.5 12.7
138 17.3 11.8 17.6



#26
2-Nitrophenol
Concen: 41.76 ng
RT: 9.995 min Scan# 1133
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 139 Resp: 35183
Ion Ratio Lower Upper
139 100
109 57.4 37.8 56.6#
65 76.8 51.8 77.8

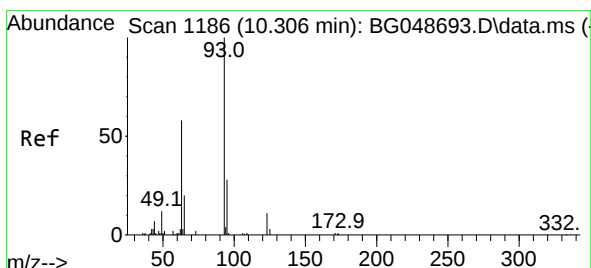
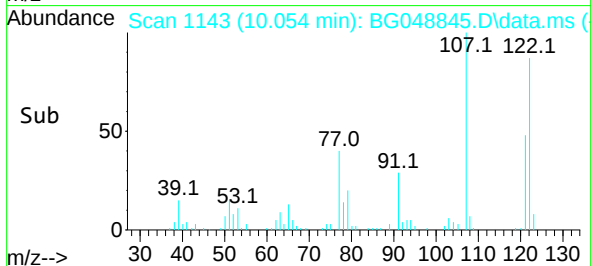
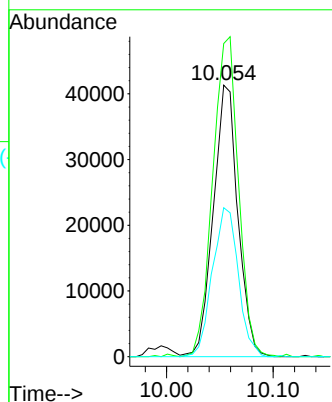
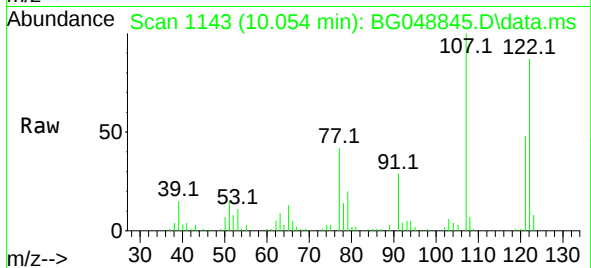




#27
2,4-Dimethylphenol
Concen: 51.08 ng
RT: 10.054 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

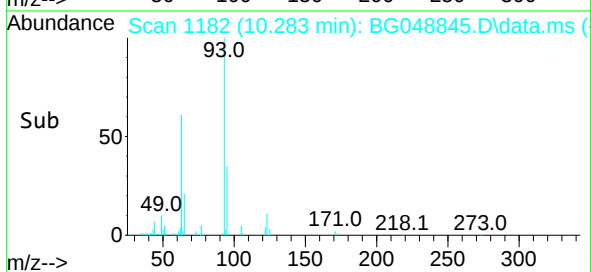
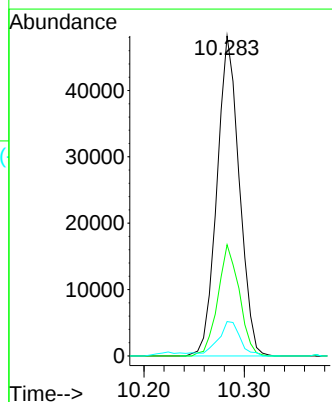
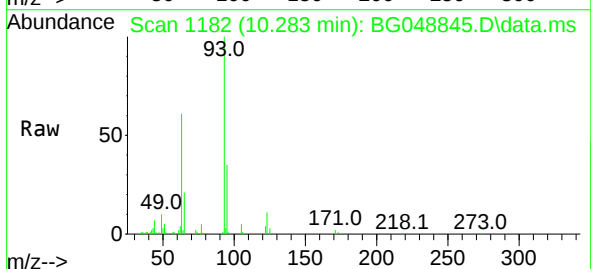
Instrument :
BNA_F
ClientSampleId :
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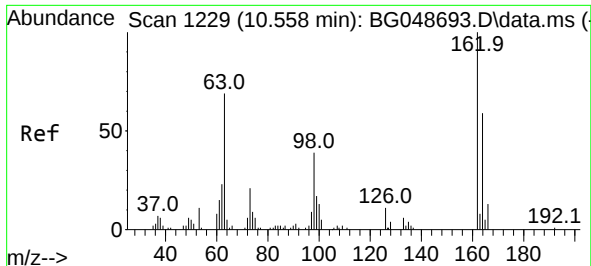
Tgt Ion:122 Resp: 66159
Ion Ratio Lower Upper
122 100
107 115.3 110.1 165.1
121 54.9 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.38 ng
RT: 10.283 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 93 Resp: 74242
Ion Ratio Lower Upper
93 100
95 34.8 22.2 33.4#
123 10.7 8.8 13.2

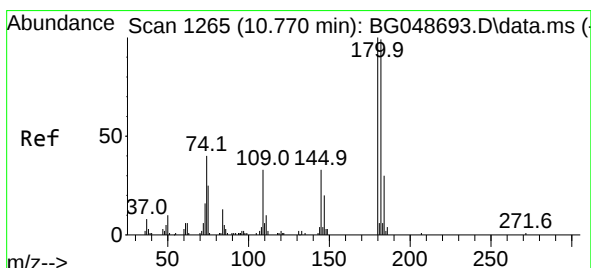
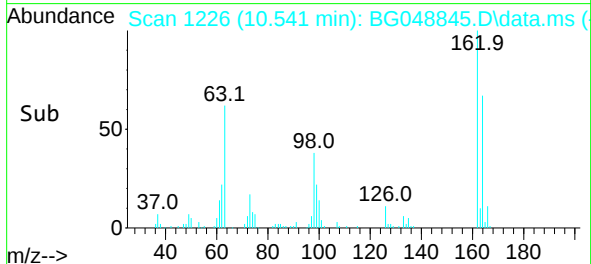
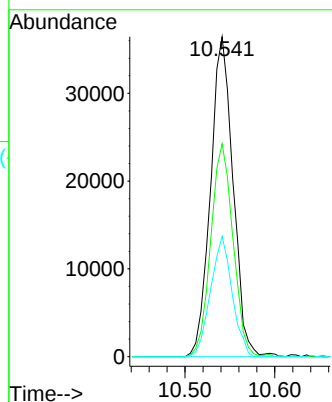
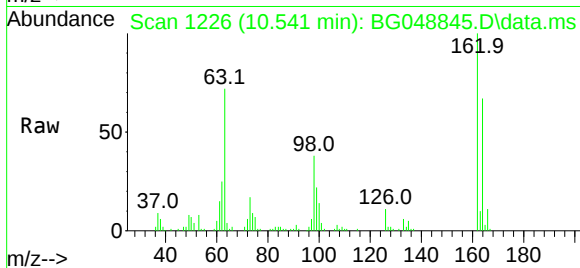




#29
2,4-Dichlorophenol
Concen: 43.45 ng
RT: 10.541 min Scan# 1226
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

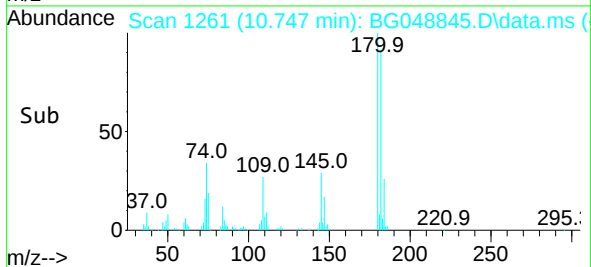
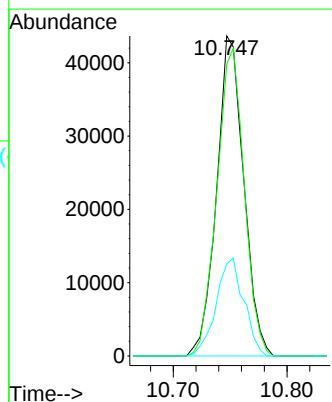
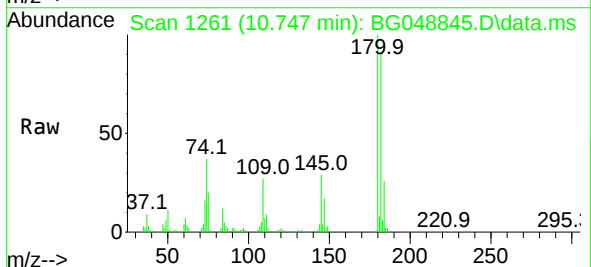
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

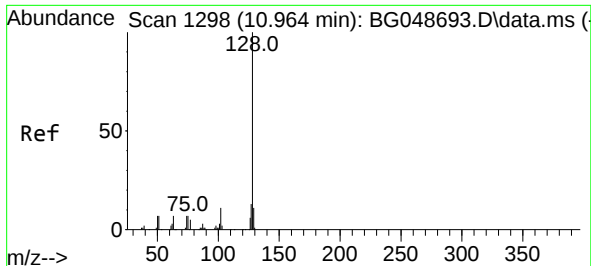
Tgt Ion:162 Resp: 63473
Ion Ratio Lower Upper
162 100
164 66.5 39.4 79.4
98 37.6 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 42.65 ng
RT: 10.747 min Scan# 1261
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:180 Resp: 72236
Ion Ratio Lower Upper
180 100
182 91.2 78.9 118.3
145 28.8 26.2 39.4

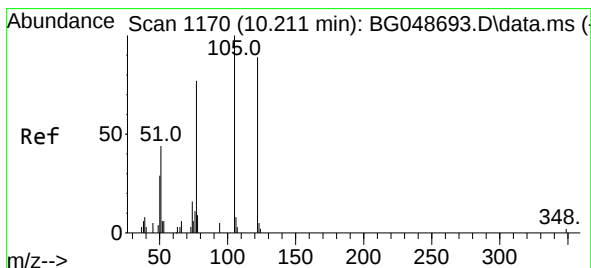
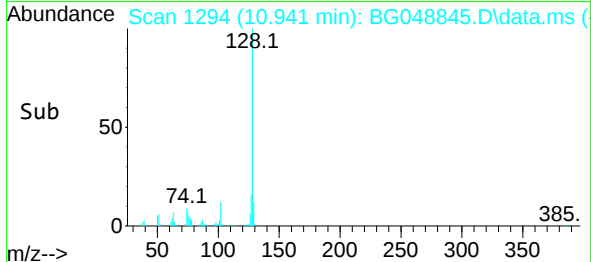
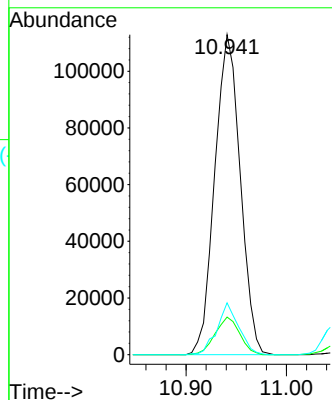
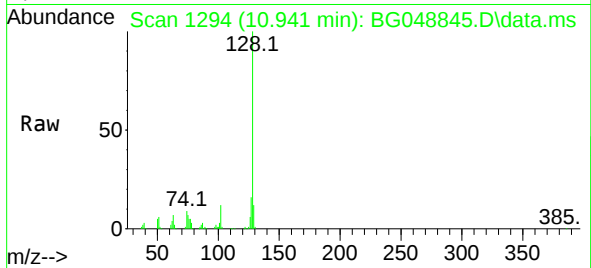




#31
Naphthalene
Concen: 44.37 ng
RT: 10.941 min Scan# 1294
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

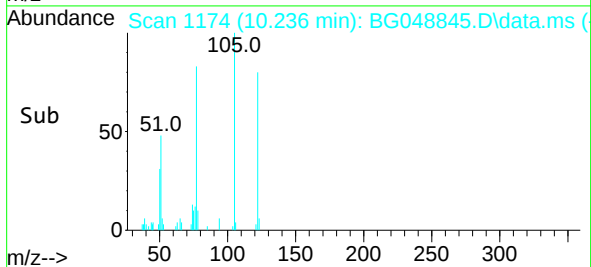
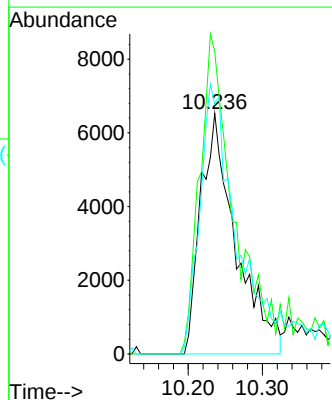
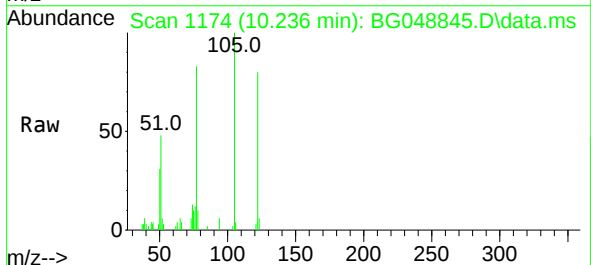
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

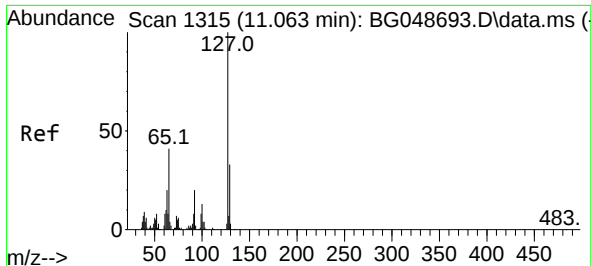
Tgt Ion:128 Resp: 198902
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 16.2 10.2 15.4#



#32
Benzoic acid
Concen: 28.36 ng
RT: 10.236 min Scan# 1174
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:122 Resp: 21519
Ion Ratio Lower Upper
122 100
105 125.7 92.3 132.3
77 103.8 66.5 106.5

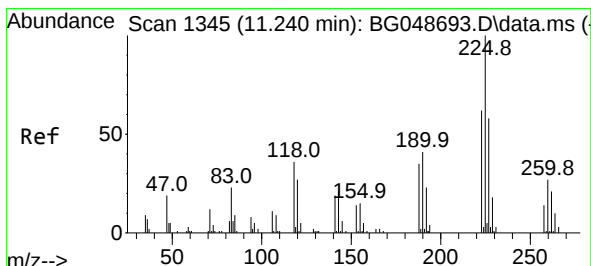
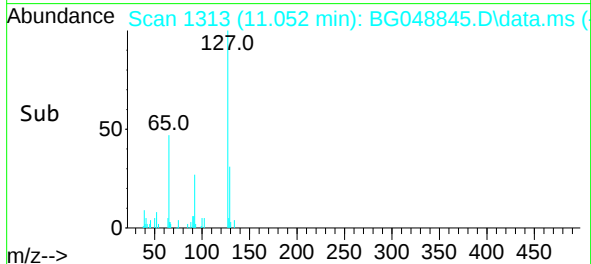
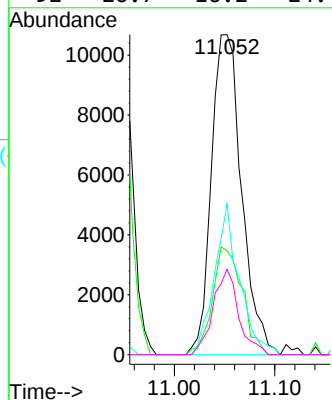
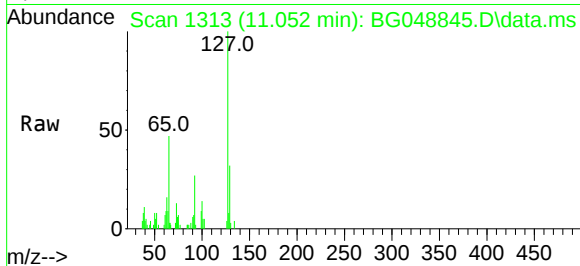




#33
4-Chloroaniline
Concen: 11.98 ng
RT: 11.052 min Scan# 1313
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

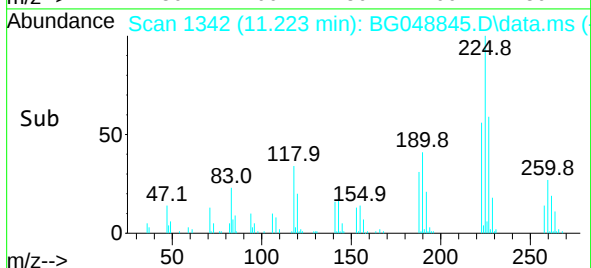
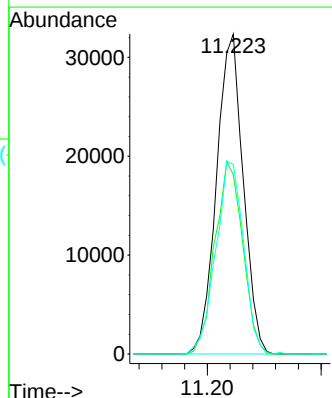
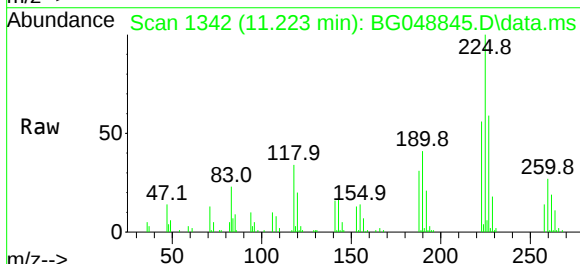
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

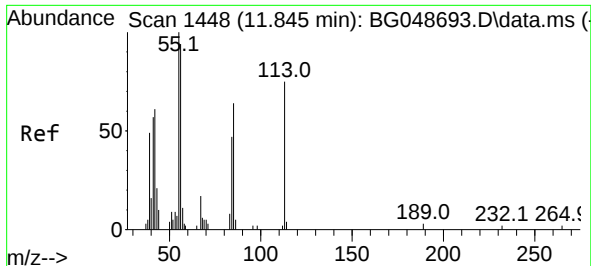
Tgt Ion:127	Resp:	22346
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.7 40.1
65	47.2	32.8 49.2
92	26.7	16.2 24.4#



#34
Hexachlorobutadiene
Concen: 41.93 ng
RT: 11.223 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:225	Resp:	52725
Ion Ratio	Lower	Upper
225	100	
223	56.0	49.8 74.8
227	61.7	46.4 69.6

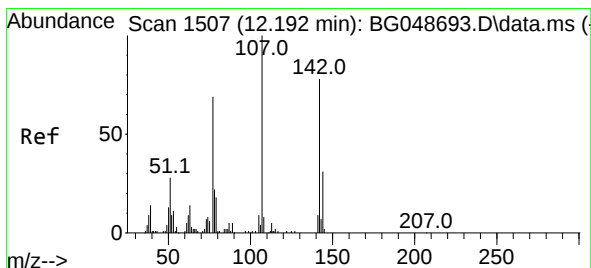
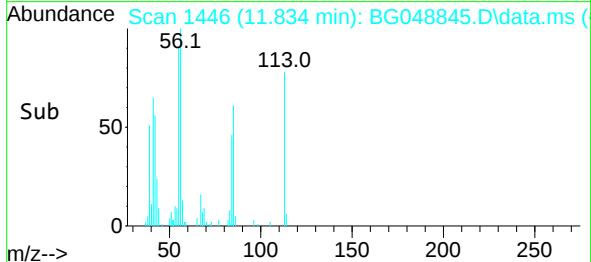
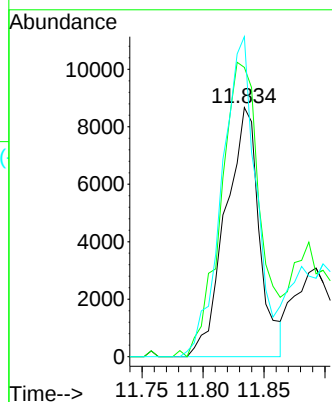
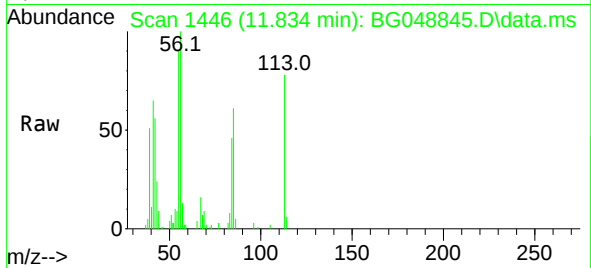




#35
 Caprolactam
 Concen: 33.76 ng
 RT: 11.834 min Scan# 1446
 Delta R.T. 0.007 min
 Lab File: BG048845.D
 Acq: 22 Apr 2021 13:41

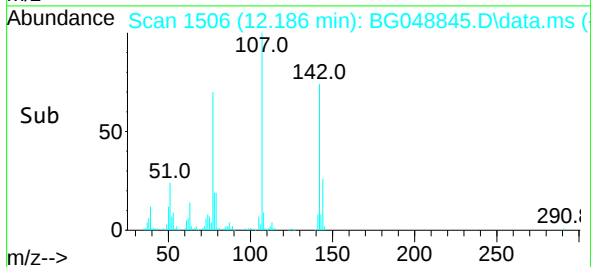
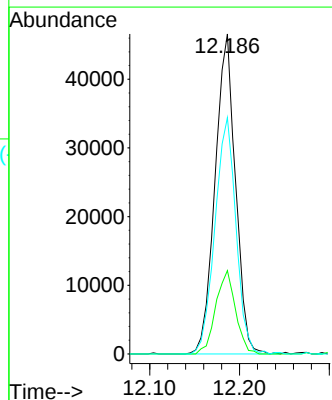
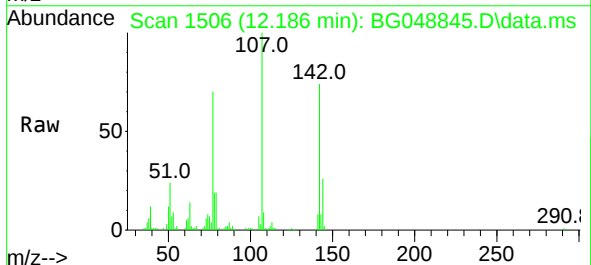
Instrument :
 BNA_F
 ClientSampleId :
 FS-SB12A(7-8)MSD

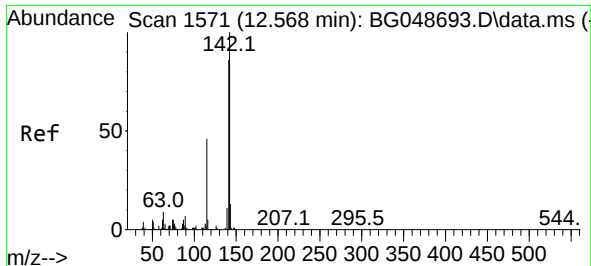
Tgt Ion:	113	Resp:	16756
Ion Ratio	Lower	Upper	
113	100		
55	116.1	113.8	153.8
56	128.4	105.6	145.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.41 ng
 RT: 12.186 min Scan# 1506
 Delta R.T. 0.007 min
 Lab File: BG048845.D
 Acq: 22 Apr 2021 13:41

Tgt Ion:	107	Resp:	73461
Ion Ratio	Lower	Upper	
107	100		
144	26.1	24.8	37.2
142	73.9	62.2	93.4

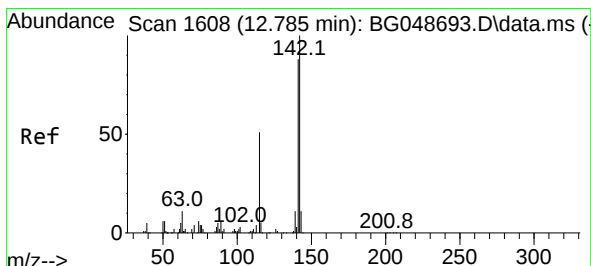
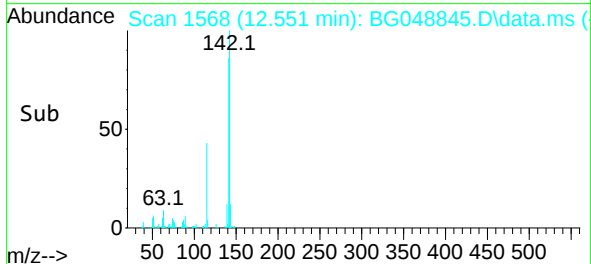
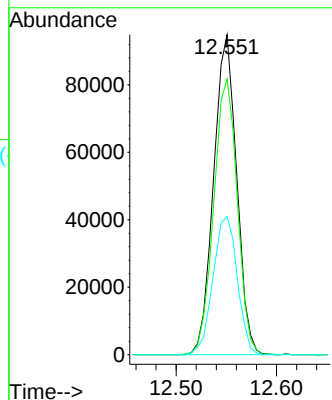
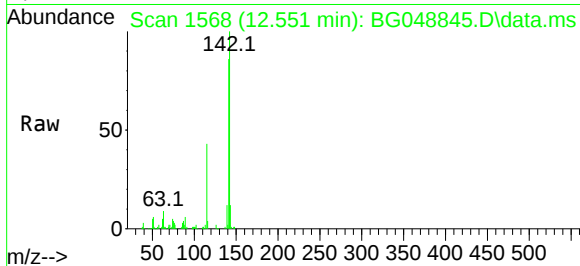




#37
2-Methylnaphthalene
Concen: 42.13 ng
RT: 12.551 min Scan# 1568
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

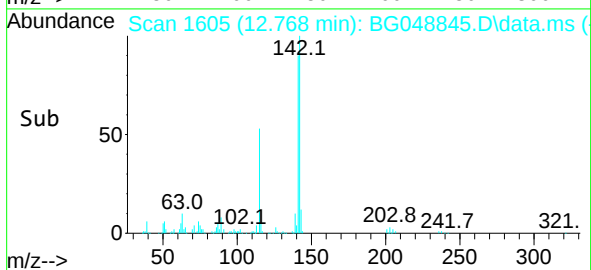
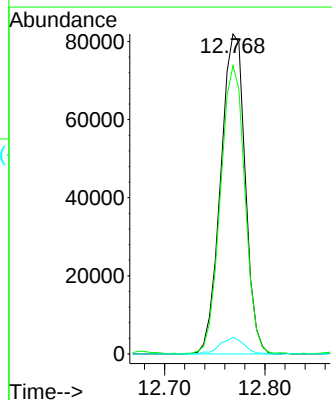
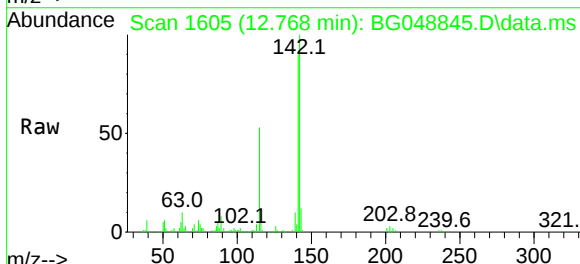
Instrument :
BNA_F
ClientSampleId :
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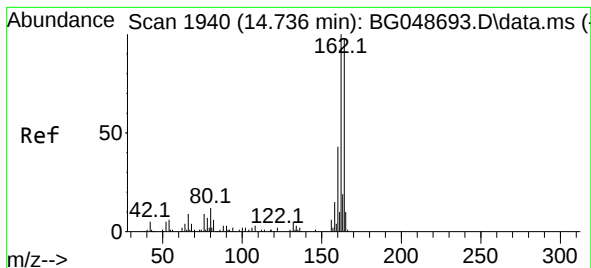
Tgt Ion:142 Resp: 150935
Ion Ratio Lower Upper
142 100
141 86.1 68.8 103.2
115 43.2 36.4 54.6



#38
1-Methylnaphthalene
Concen: 41.60 ng
RT: 12.768 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:142 Resp: 138653
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0
116 5.2 4.0 6.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.725 min Scan# 1938

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

Instrument :

BNA_F

ClientSampleId :

FS-SB12A(7-8)MSD

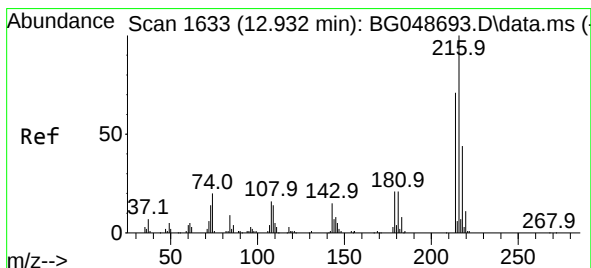
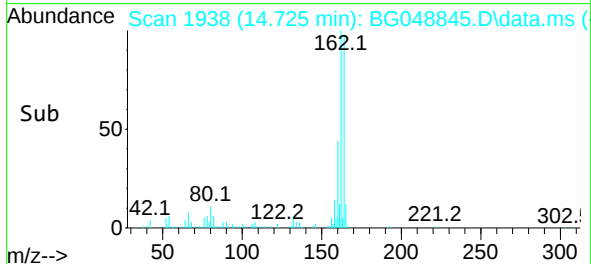
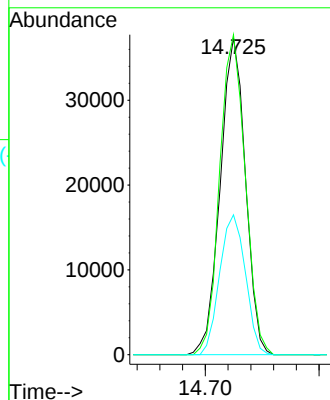
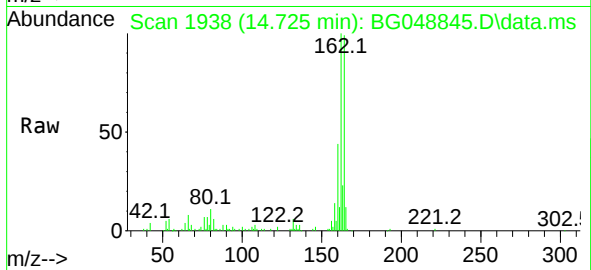
Tgt Ion:164 Resp: 57422

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 44.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.00 ng

RT: 12.915 min Scan# 1630

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

Tgt Ion:216 Resp: 87838

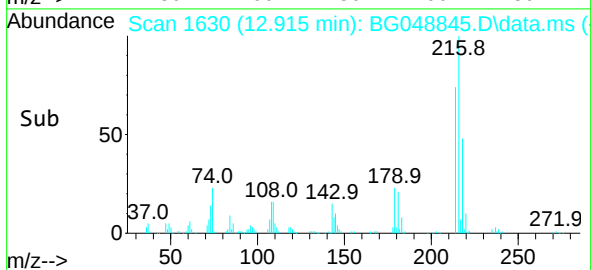
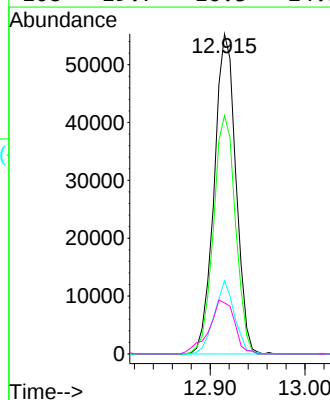
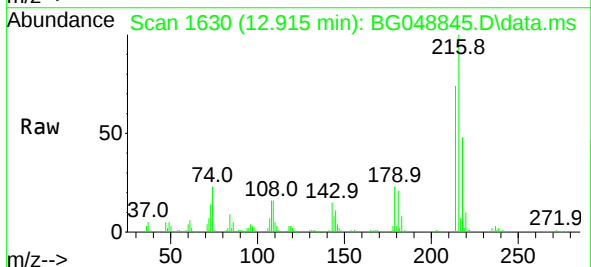
Ion Ratio Lower Upper

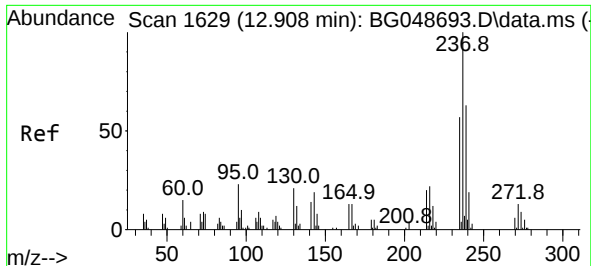
216 100

214 75.6 61.4 92.2

179 21.4 17.3 25.9

108 19.7 16.3 24.5

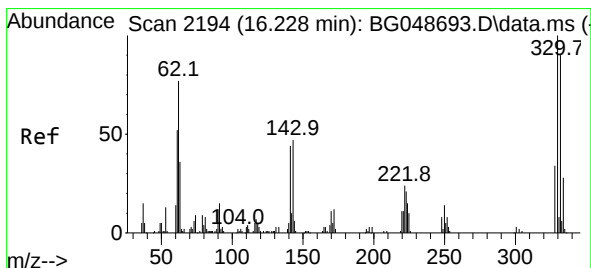
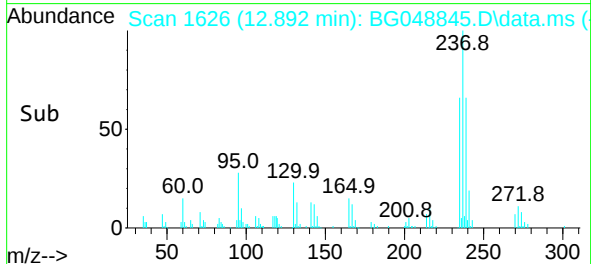
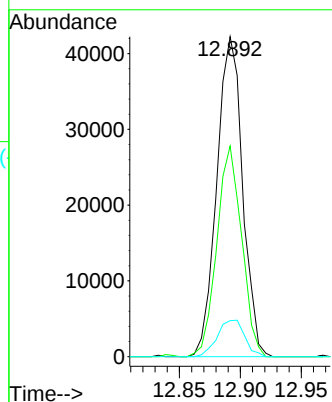
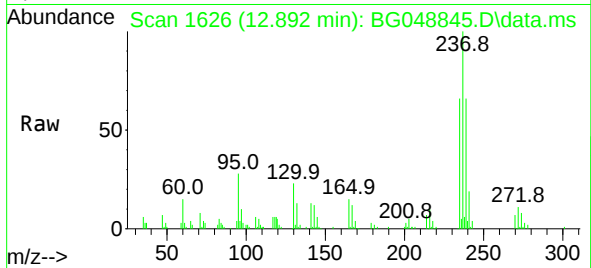




#41
Hexachlorocyclopentadiene
Concen: 62.46 ng
RT: 12.892 min Scan# 1626
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

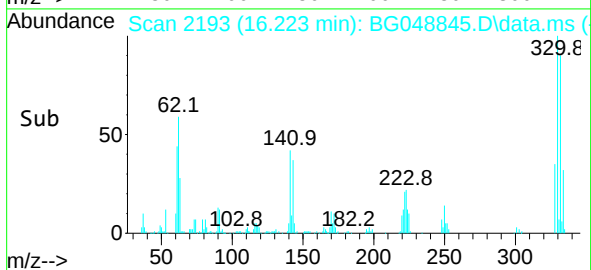
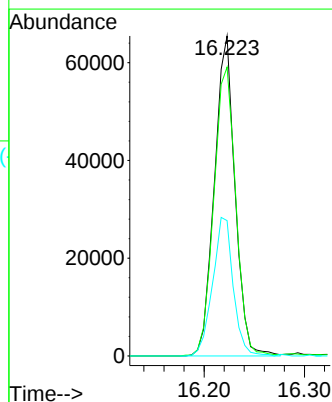
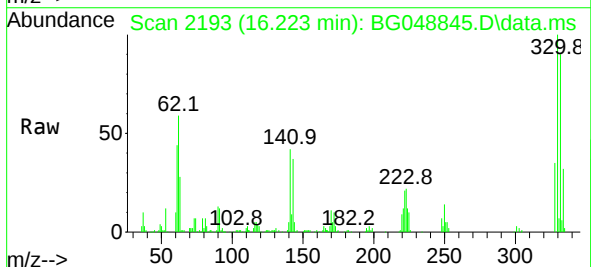
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

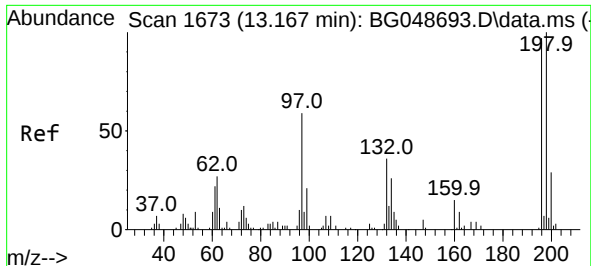
Tgt Ion:237 Resp: 62254
Ion Ratio Lower Upper
237 100
235 65.8 36.6 76.6
272 11.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 121.16 ng
RT: 16.223 min Scan# 2193
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:330 Resp: 93280
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 43.3 35.6 53.4

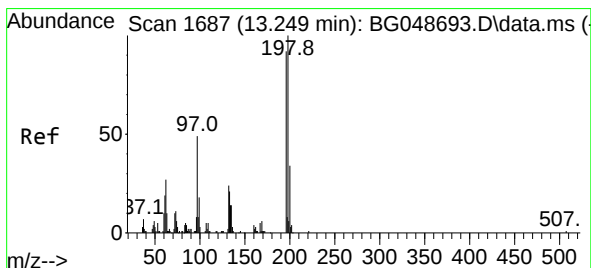
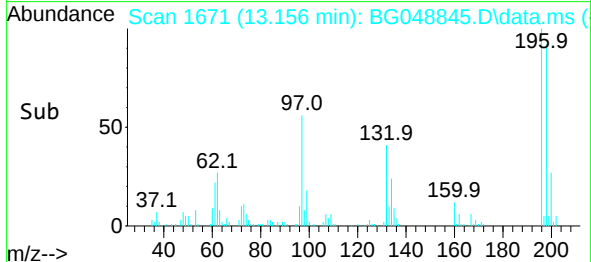
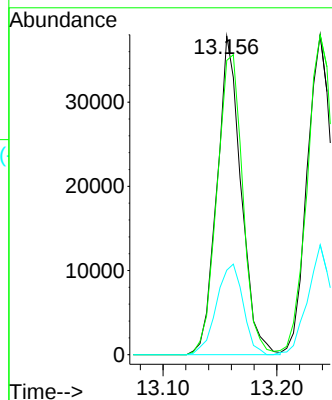
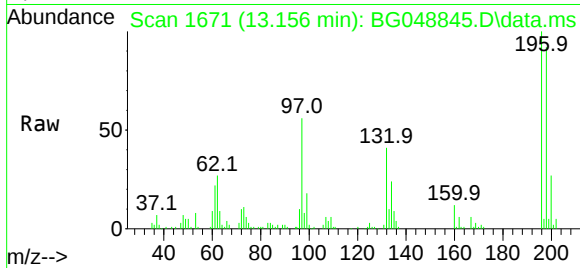




#43
2,4,6-Trichlorophenol
Concen: 44.71 ng
RT: 13.156 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

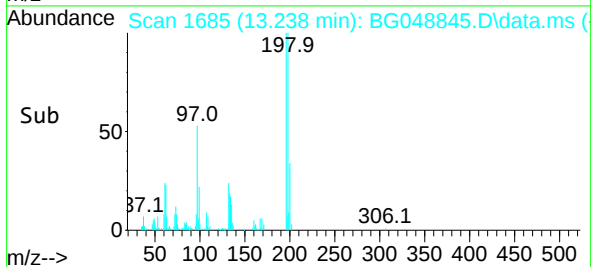
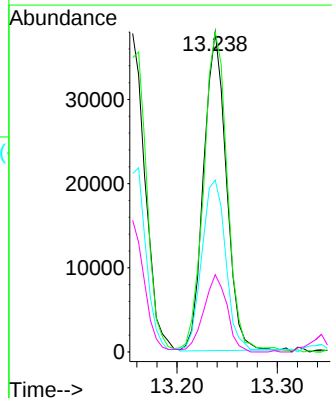
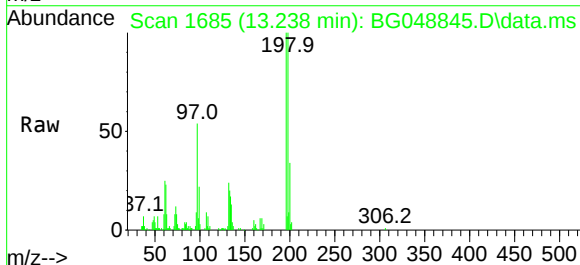
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

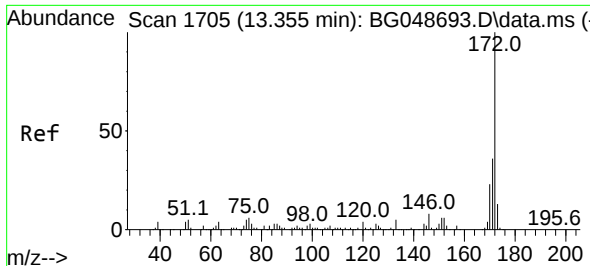
Tgt Ion:196 Resp: 55766
Ion Ratio Lower Upper
196 100
198 92.4 82.1 123.1
200 26.5 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 44.74 ng
RT: 13.238 min Scan# 1685
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:196 Resp: 59264
Ion Ratio Lower Upper
196 100
198 99.9 87.4 131.0
97 53.7 43.3 64.9
132 24.1 21.4 32.2

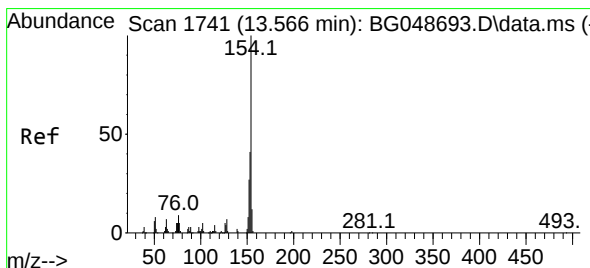
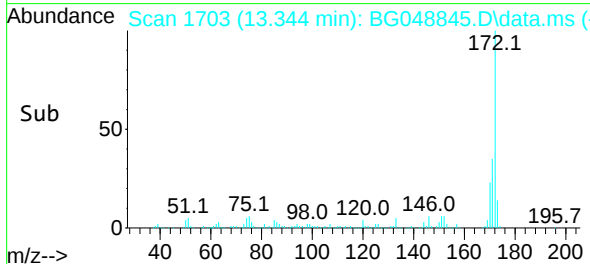
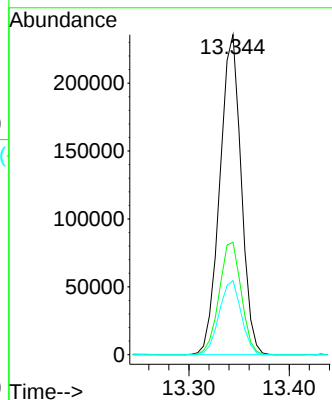
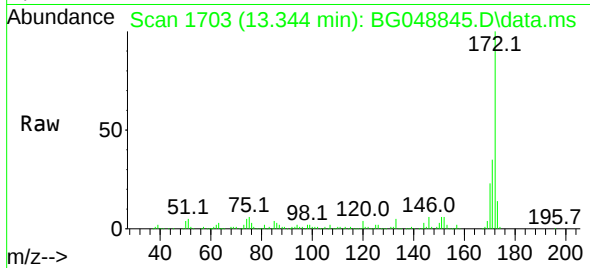




#45
2-Fluorobiphenyl
Concen: 87.17 ng
RT: 13.344 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

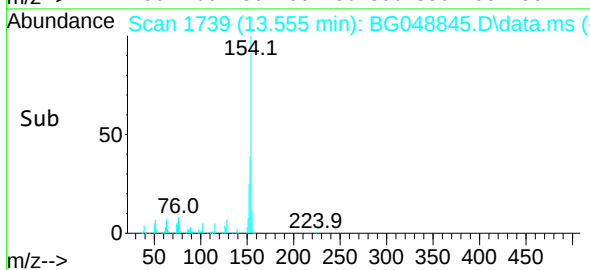
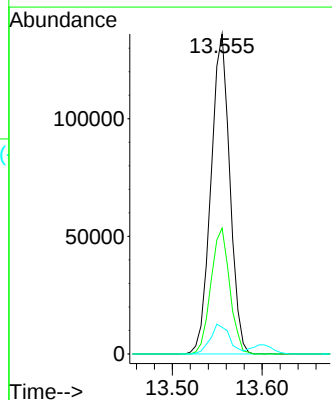
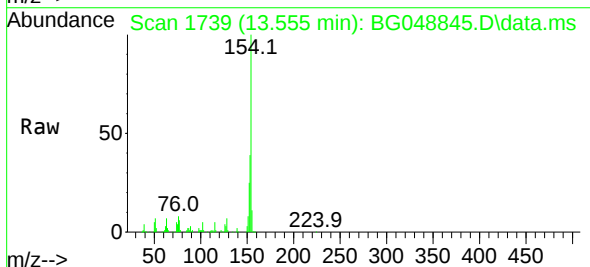
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

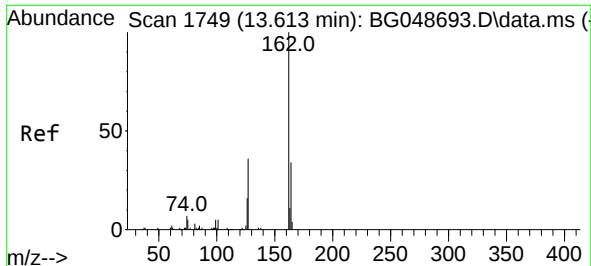
Tgt Ion:172 Resp: 346613
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 46.70 ng
RT: 13.555 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:154 Resp: 198091
Ion Ratio Lower Upper
154 100
153 39.3 20.5 60.5
76 8.3 0.0 29.3

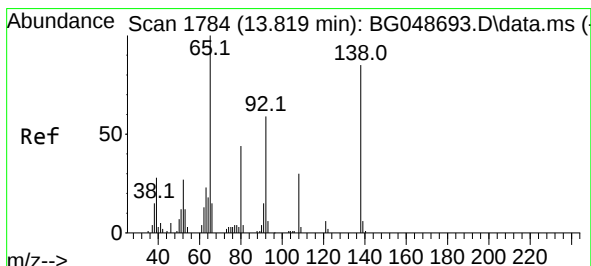
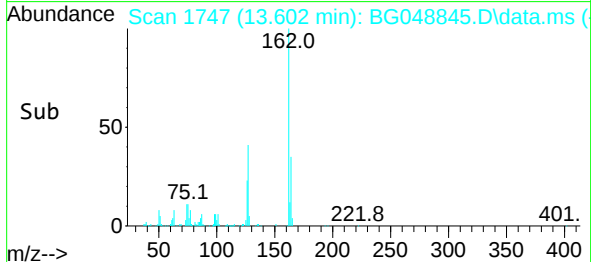
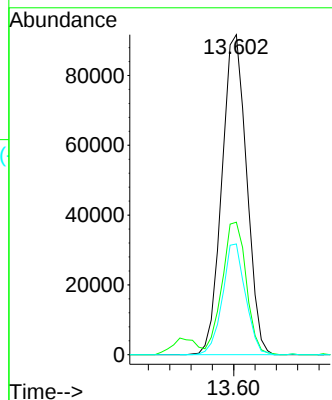
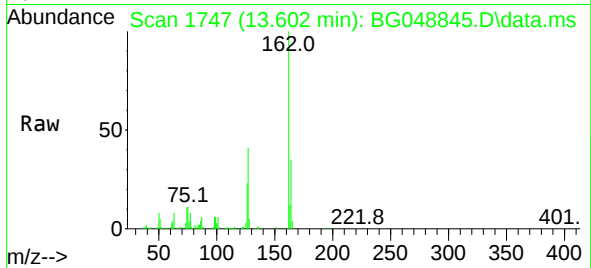




#47
2-Chloronaphthalene
Concen: 45.53 ng
RT: 13.602 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

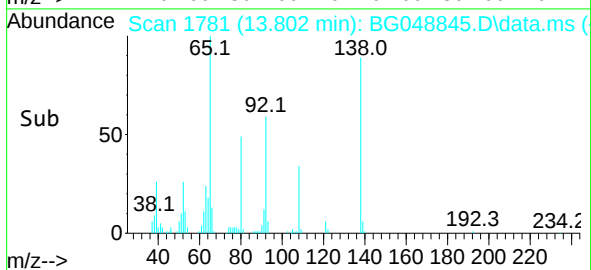
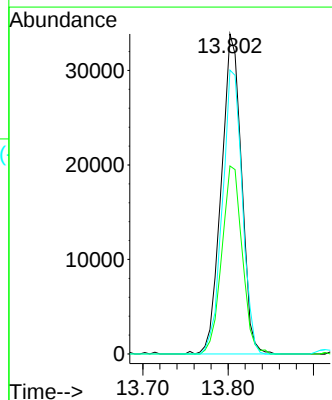
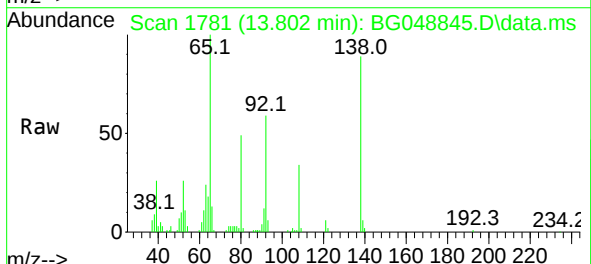
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

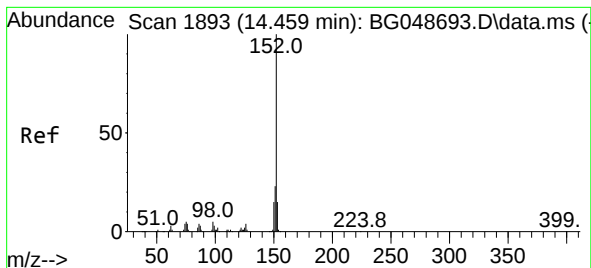
Tgt Ion:162 Resp: 147526
Ion Ratio Lower Upper
162 100
127 41.4 32.7 49.1
164 34.6 27.0 40.4



#48
2-Nitroaniline
Concen: 47.95 ng
RT: 13.802 min Scan# 1781
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion: 65 Resp: 55828
Ion Ratio Lower Upper
65 100
92 58.8 47.2 70.8
138 88.7 68.0 102.0

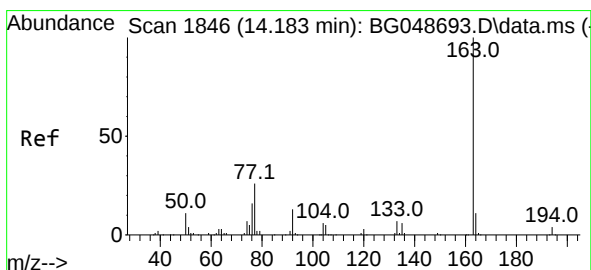
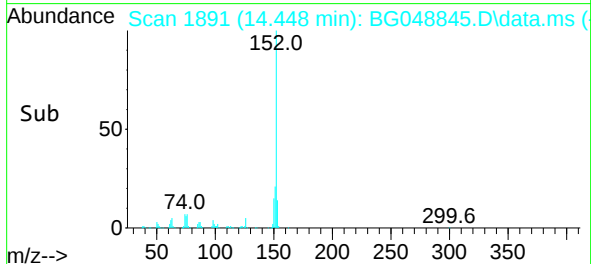
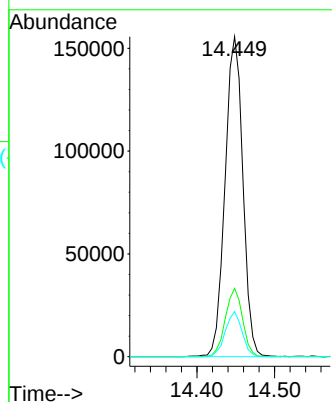
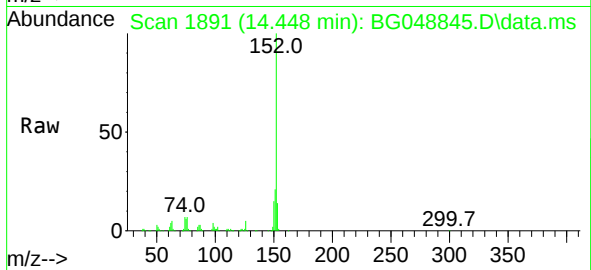




#49
Acenaphthylene
Concen: 49.26 ng
RT: 14.448 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

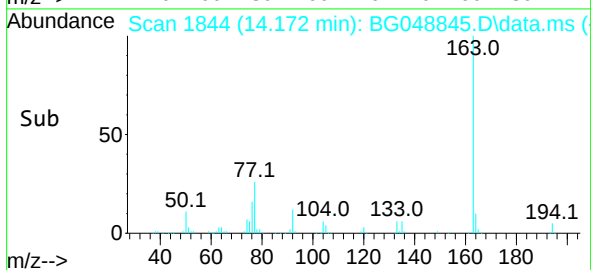
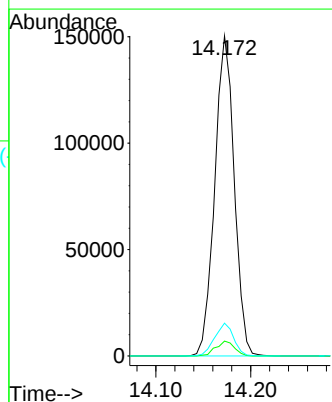
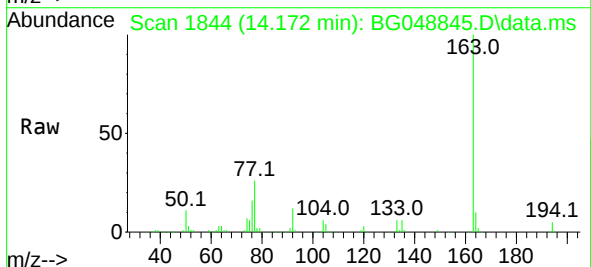
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

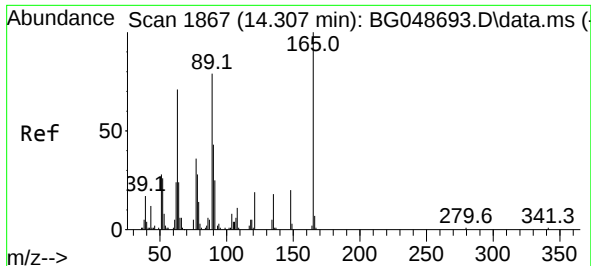
Tgt Ion:152 Resp: 249000
Ion Ratio Lower Upper
152 100
151 21.3 18.2 27.4
153 14.1 11.7 17.5



#50
Dimethylphthalate
Concen: 49.88 ng
RT: 14.172 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:163 Resp: 214862
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 10.3 8.6 12.8

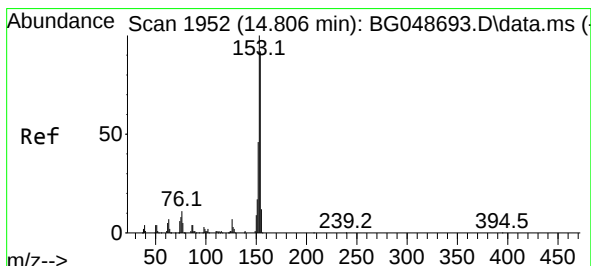
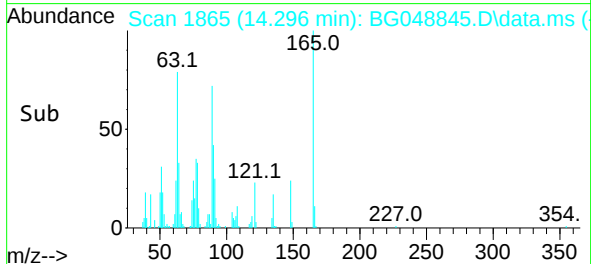
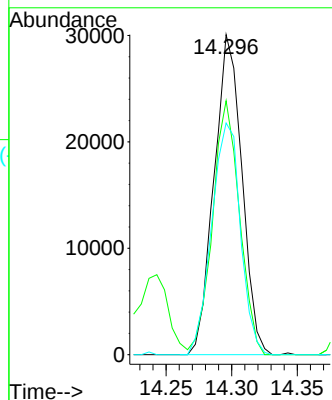
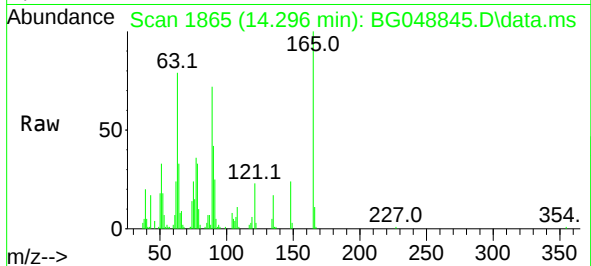




#51
2,6-Dinitrotoluene
Concen: 44.57 ng
RT: 14.296 min Scan# 1865
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

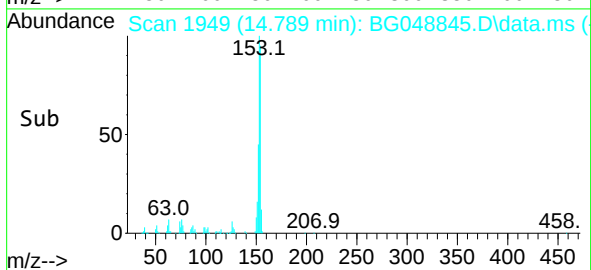
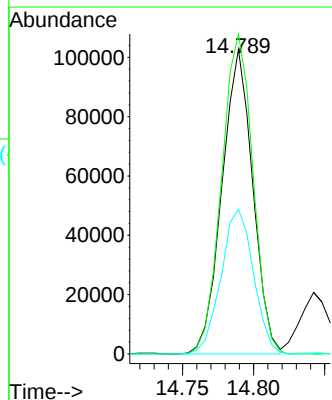
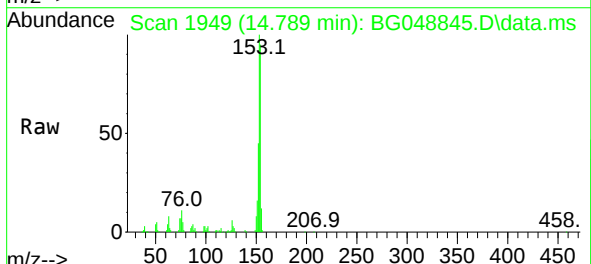
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

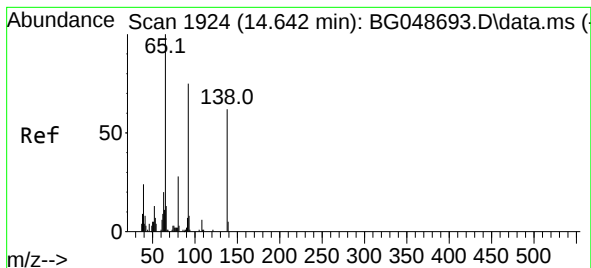
Tgt Ion:165 Resp: 44290
Ion Ratio Lower Upper
165 100
63 79.3 63.3 94.9
89 72.4 63.4 95.0



#52
Acenaphthene
Concen: 48.11 ng
RT: 14.789 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:154 Resp: 154418
Ion Ratio Lower Upper
154 100
153 105.0 87.0 130.4
152 47.5 40.1 60.1

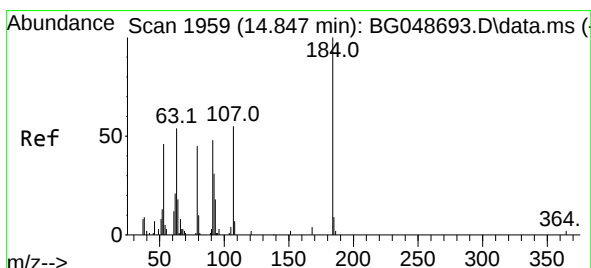
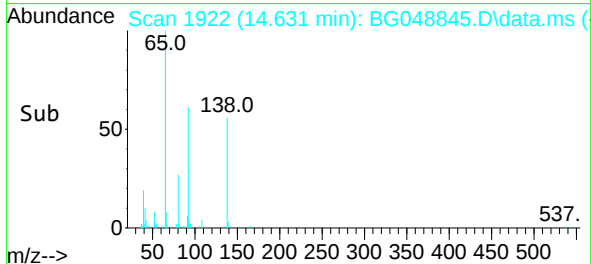
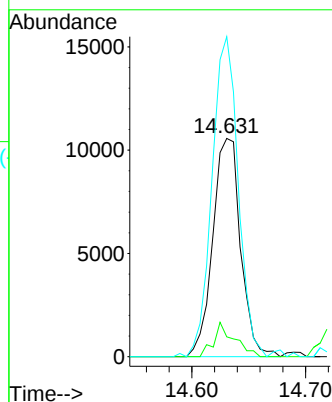
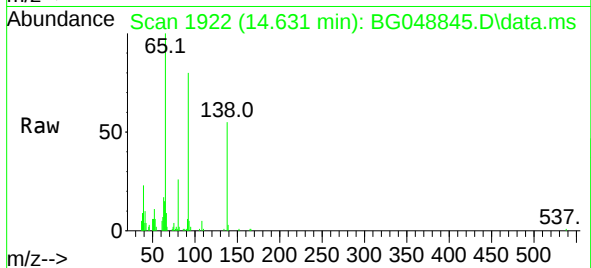




#53
3-Nitroaniline
Concen: 18.82 ng
RT: 14.631 min Scan# 1922
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

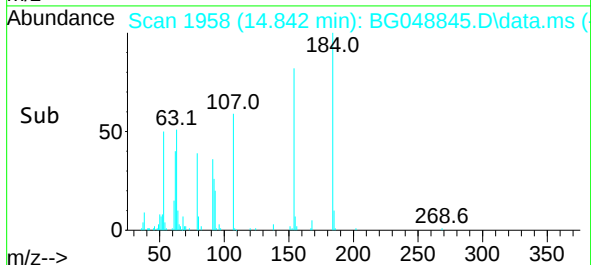
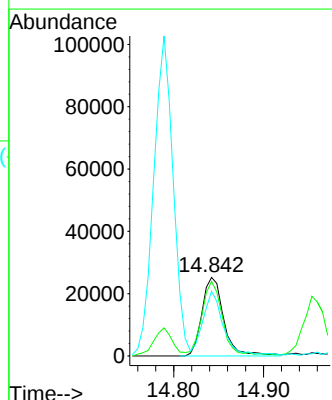
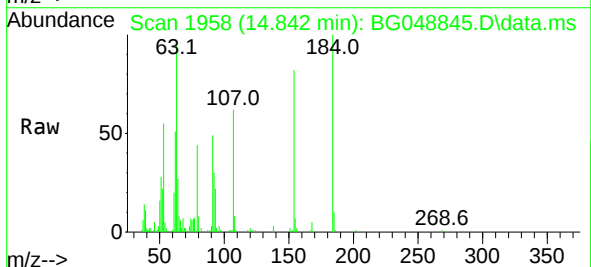
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

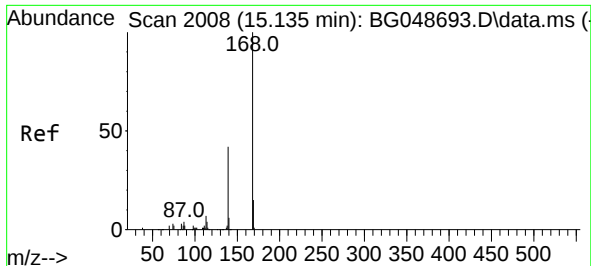
Tgt Ion:138 Resp: 17953
Ion Ratio Lower Upper
138 100
108 9.1 8.3 12.5
92 146.6 96.4 144.6#



#54
2,4-Dinitrophenol
Concen: 71.55 ng
RT: 14.842 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:184 Resp: 42325
Ion Ratio Lower Upper
184 100
63 94.9 68.3 102.5
154 82.2 62.6 93.8

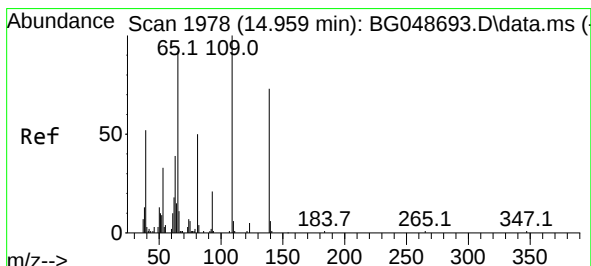
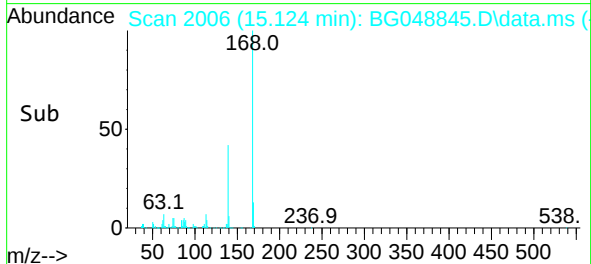
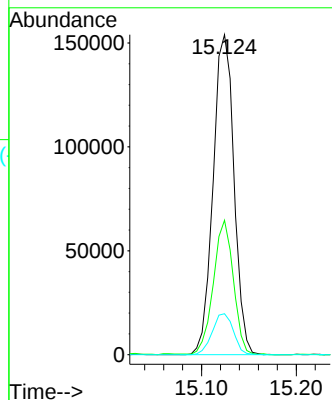
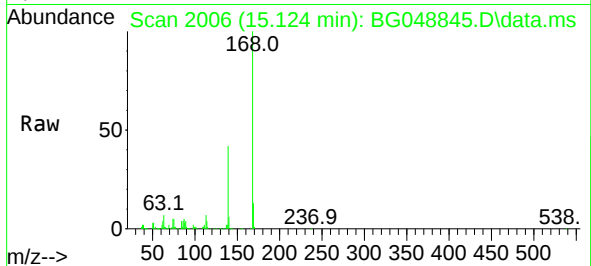




#55
Dibenzofuran
Concen: 44.27 ng
RT: 15.124 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

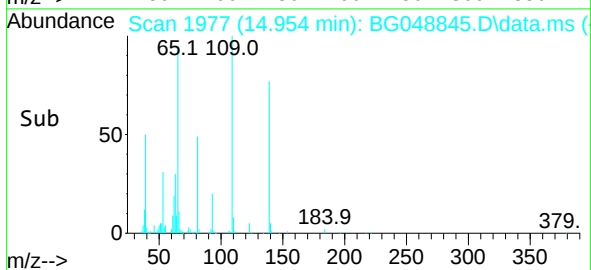
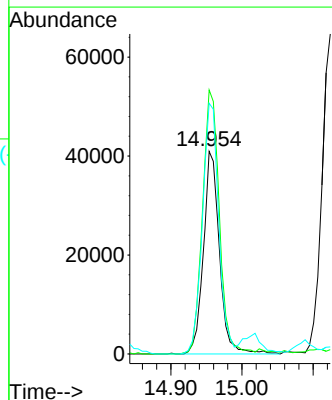
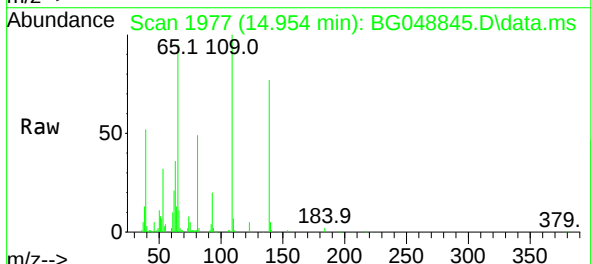
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

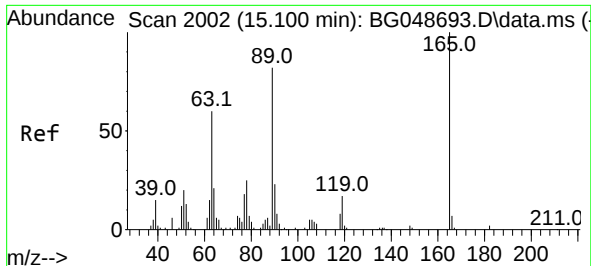
Tgt Ion:168 Resp: 235237
Ion Ratio Lower Upper
168 100
139 42.0 33.4 50.2
169 12.8 12.3 18.5



#56
4-Nitrophenol
Concen: 91.13 ng
RT: 14.954 min Scan# 1977
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:139 Resp: 64409
Ion Ratio Lower Upper
139 100
109 130.3 116.3 156.3
65 123.8 105.0 145.0

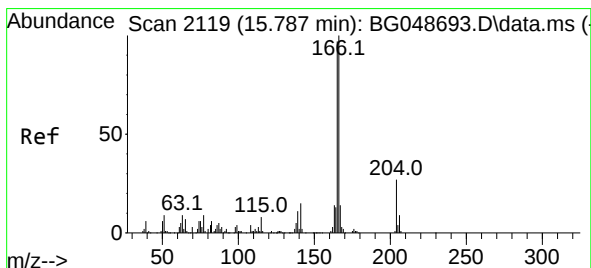
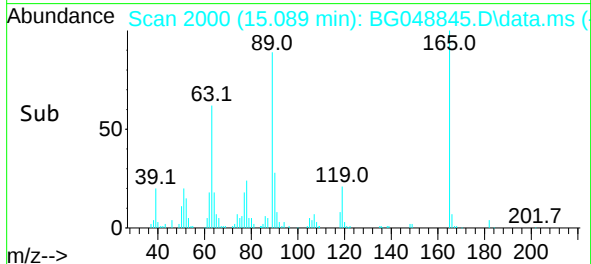
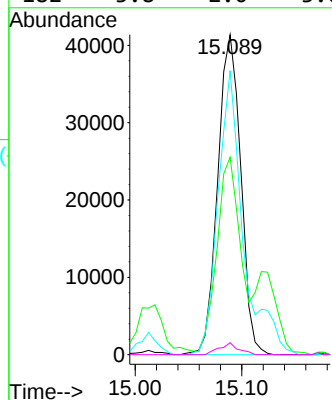
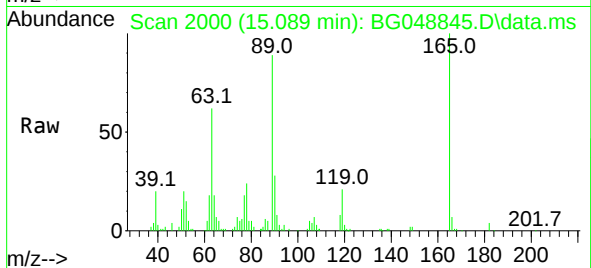




#57
2,4-Dinitrotoluene
Concen: 42.93 ng
RT: 15.089 min Scan# 2000
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

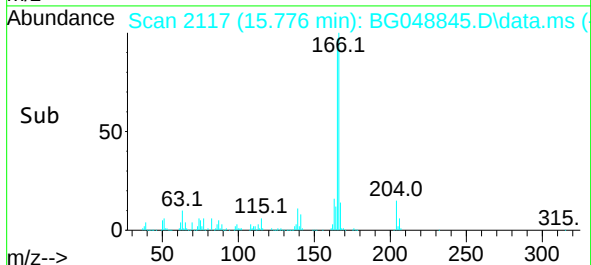
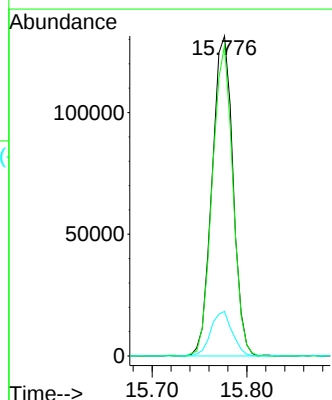
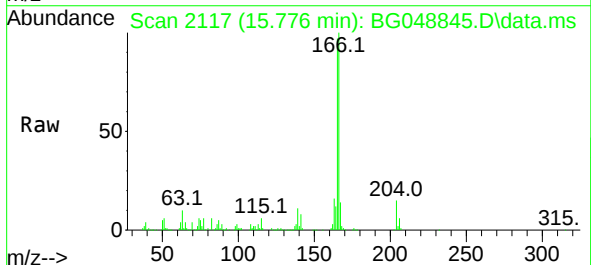
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

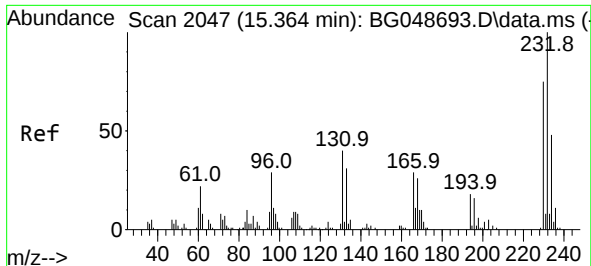
Tgt Ion:165 Resp: 61948
Ion Ratio Lower Upper
165 100
63 61.7 48.0 72.0
89 88.7 65.4 98.0
182 3.8 2.0 3.0#



#58
Fluorene
Concen: 46.05 ng
RT: 15.776 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:166 Resp: 200966
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.9 10.8 16.2

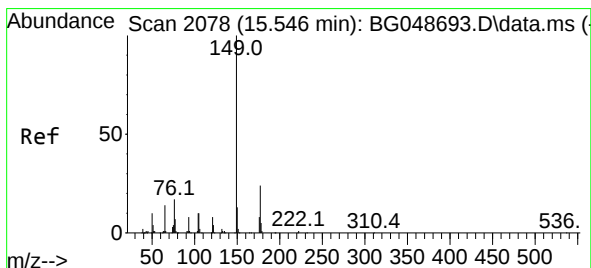
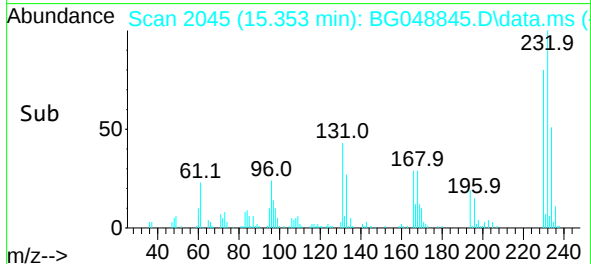
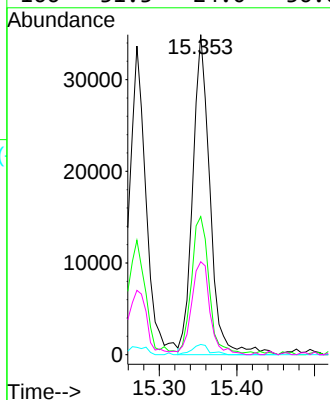
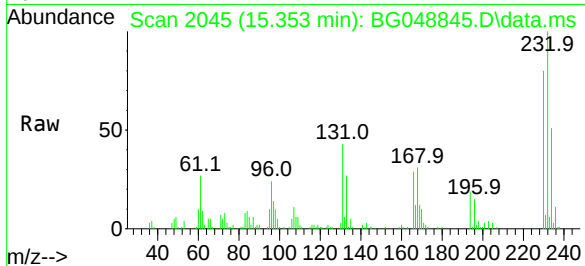




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.10 ng
RT: 15.353 min Scan# 2045
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

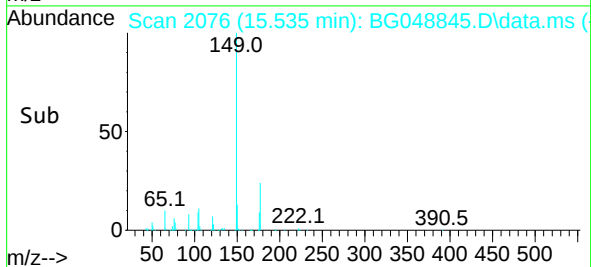
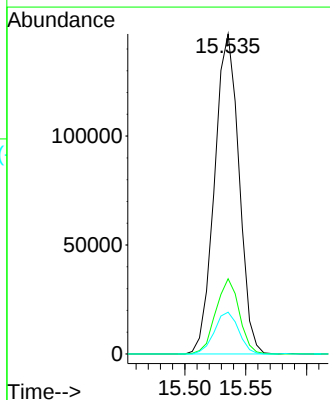
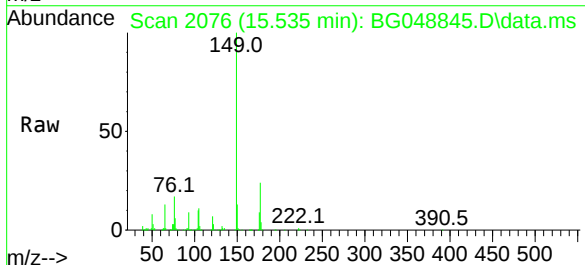
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

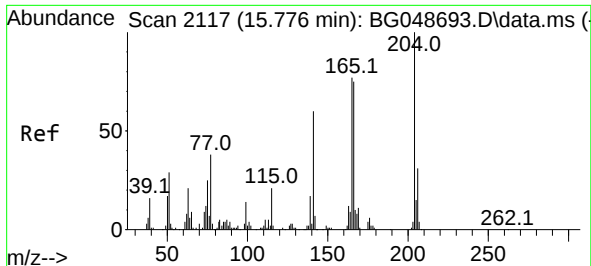
Tgt Ion:232 Resp: 54053
Ion Ratio Lower Upper
232 100
131 42.3 37.2 55.8
130 3.2 2.8 4.2
166 31.3 24.0 36.0



#60
Diethylphthalate
Concen: 46.00 ng
RT: 15.535 min Scan# 2076
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:149 Resp: 204965
Ion Ratio Lower Upper
149 100
177 23.5 19.0 28.6
150 13.1 10.2 15.4

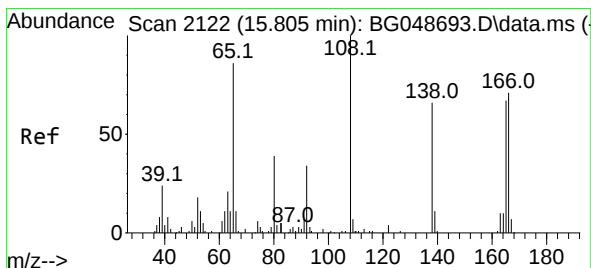
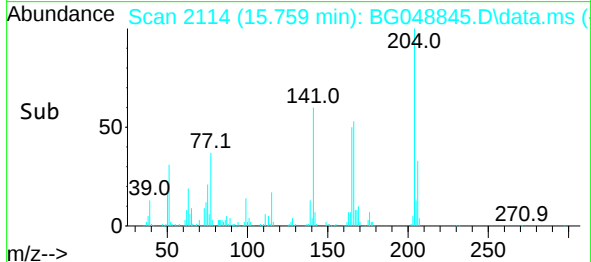
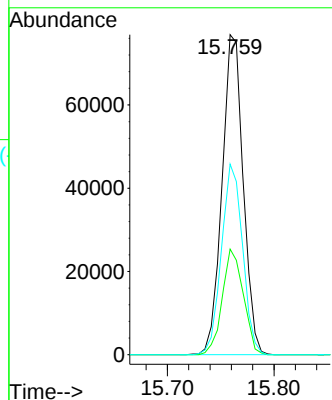
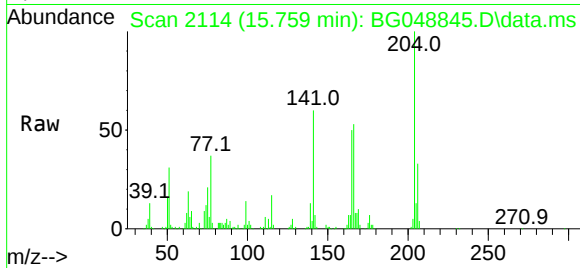




#61
4-Chlorophenyl-phenylether
Concen: 44.10 ng
RT: 15.759 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

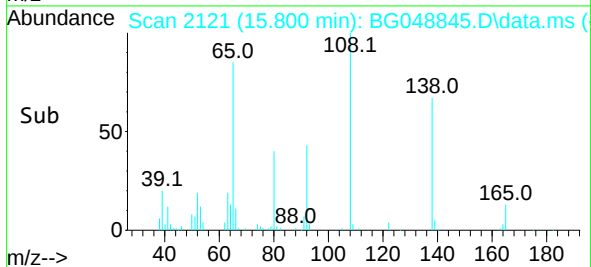
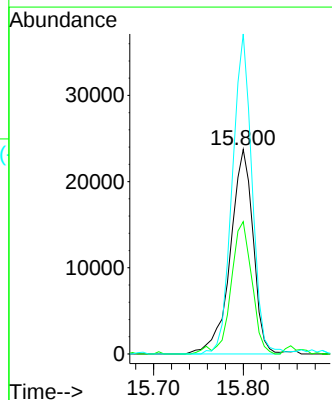
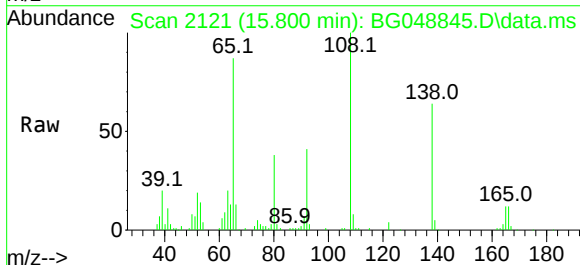
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

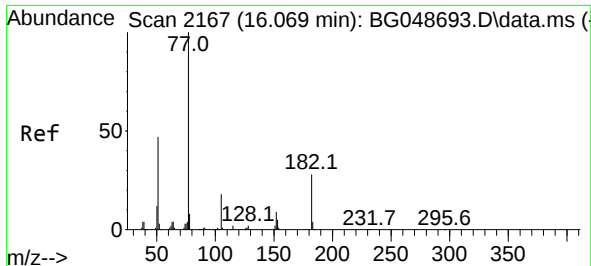
Tgt Ion:204 Resp: 105838
Ion Ratio Lower Upper
204 100
206 33.0 24.6 37.0
141 59.6 47.8 71.8



#62
4-Nitroaniline
Concen: 40.95 ng
RT: 15.800 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:138 Resp: 41767
Ion Ratio Lower Upper
138 100
92 64.7 32.3 72.3
108 156.5 132.4 172.4

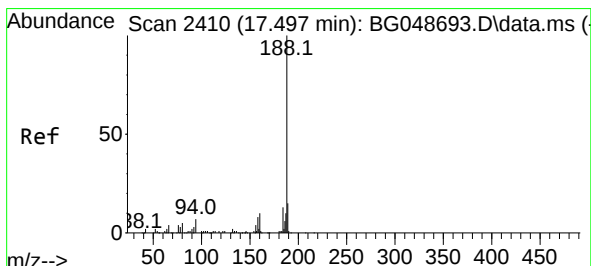
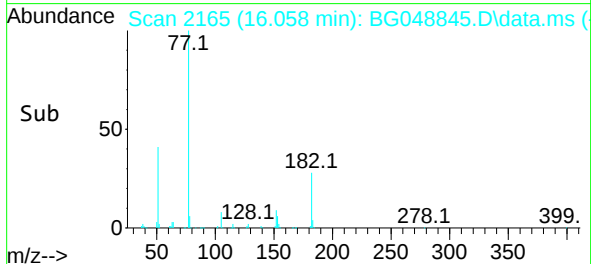
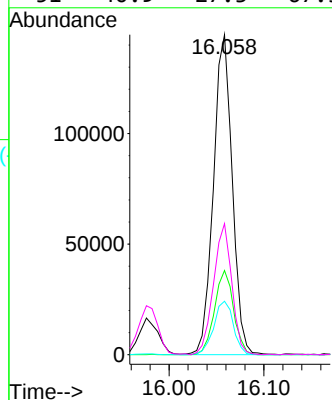
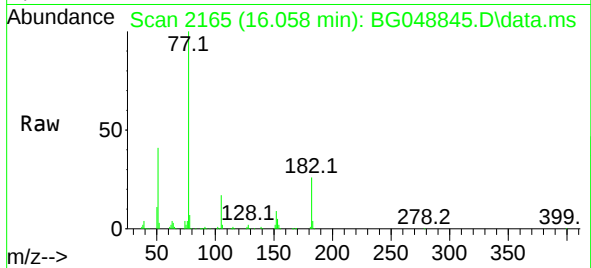




#63
Azobenzene
Concen: 44.43 ng
RT: 16.058 min Scan# 2165
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

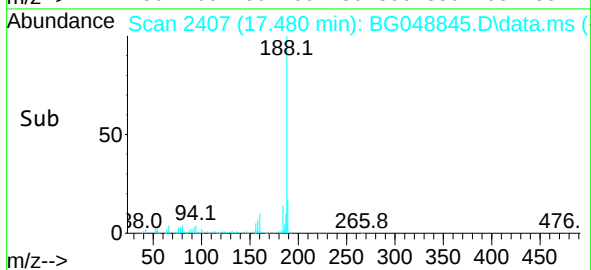
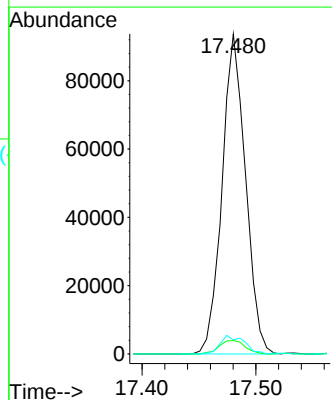
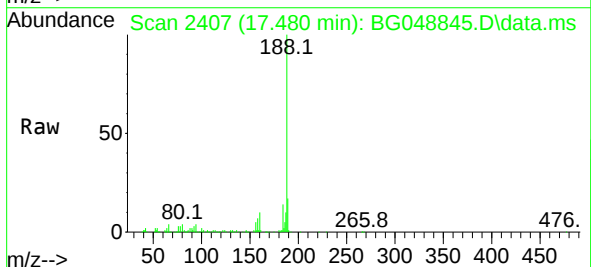
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

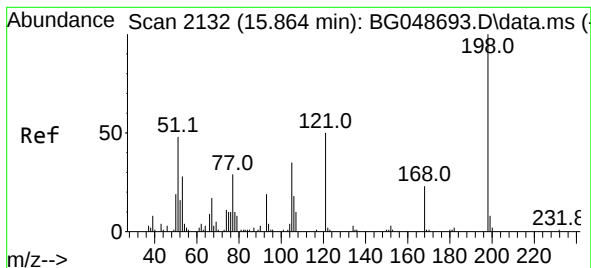
Tgt Ion: 77 Resp: 199373
Ion Ratio Lower Upper
77 100
182 26.3 7.9 47.9
105 16.7 0.0 37.9
51 40.9 27.3 67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:188 Resp: 134262
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.4 3.7 5.5

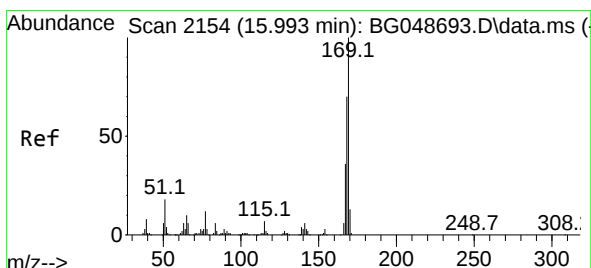
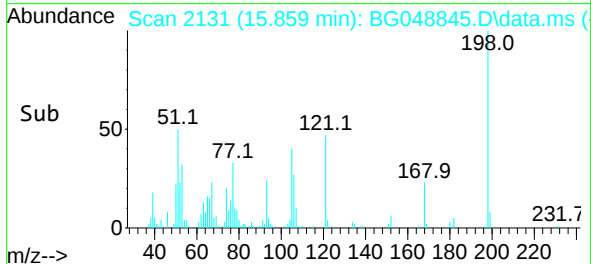
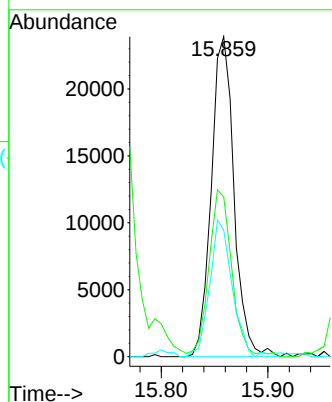
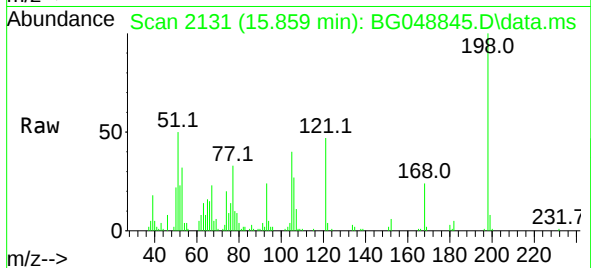




#65
4,6-Dinitro-2-methylphenol
Concen: 39.28 ng
RT: 15.859 min Scan# 2131
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

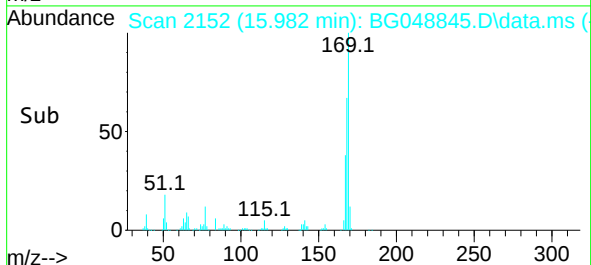
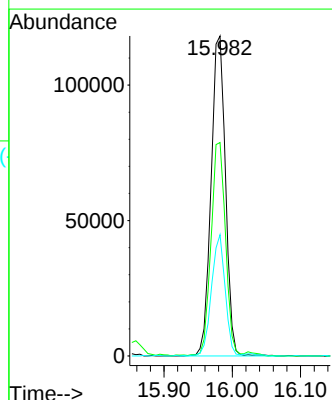
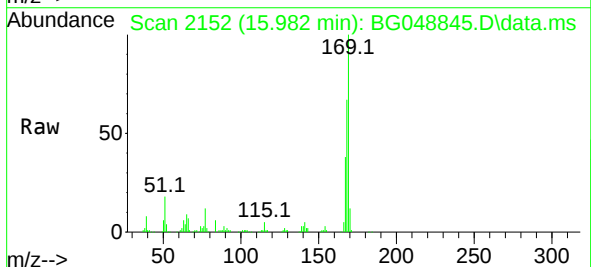
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

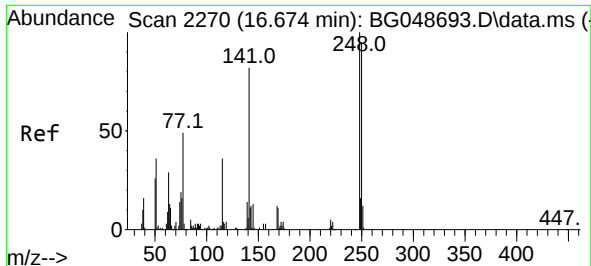
Tgt Ion:198 Resp: 35310
Ion Ratio Lower Upper
198 100
51 50.0 29.4 69.4
105 39.6 15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 45.77 ng
RT: 15.982 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:169 Resp: 173684
Ion Ratio Lower Upper
169 100
168 66.7 56.3 84.5
167 37.9 28.4 42.6

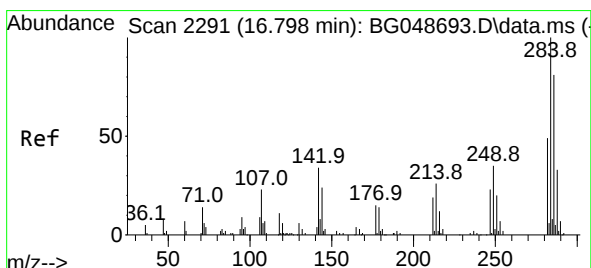
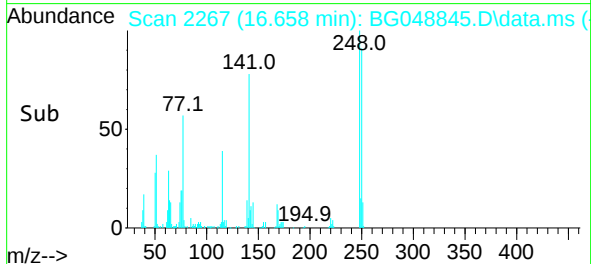
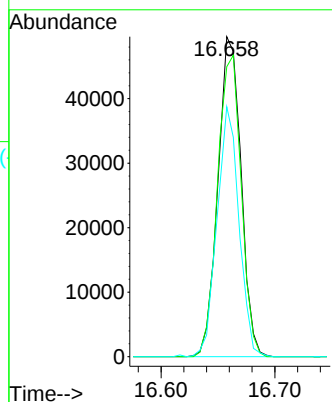
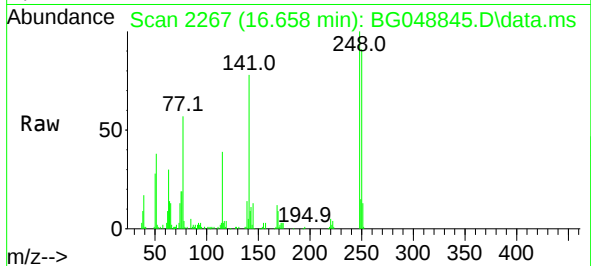




#67
4-Bromophenyl-phenylether
Concen: 45.32 ng
RT: 16.658 min Scan# 2267
Delta R.T. -0.005 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

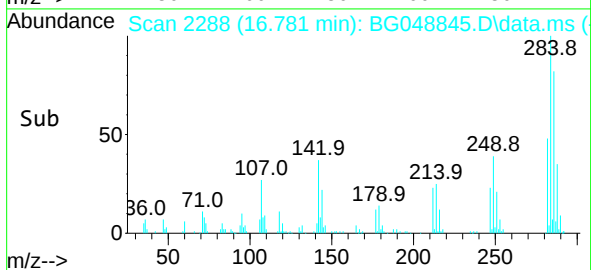
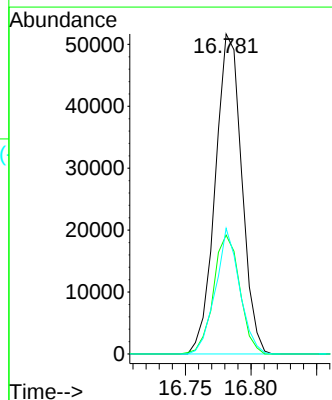
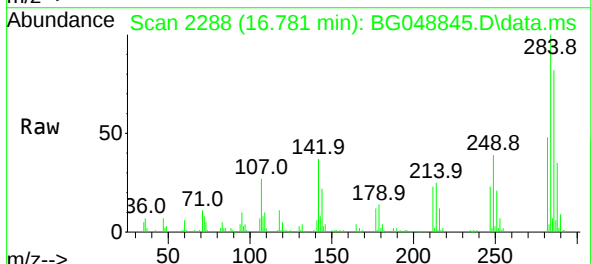
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

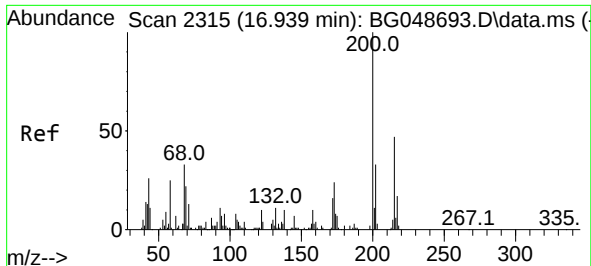
Tgt Ion:248	Resp:	70026
Ion Ratio	Lower	Upper
248	100	
250	90.6	76.1 114.1
141	78.1	65.4 98.2



#68
Hexachlorobenzene
Concen: 46.22 ng
RT: 16.781 min Scan# 2288
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:284	Resp:	72338
Ion Ratio	Lower	Upper
284	100	
142	37.2	27.0 40.6
249	39.3	28.2 42.2

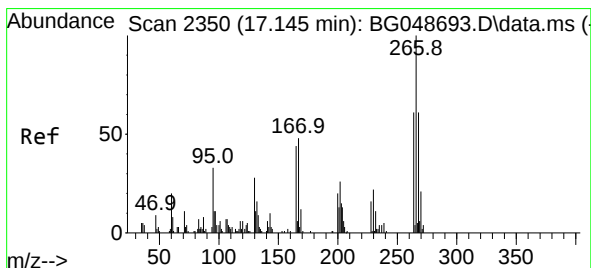
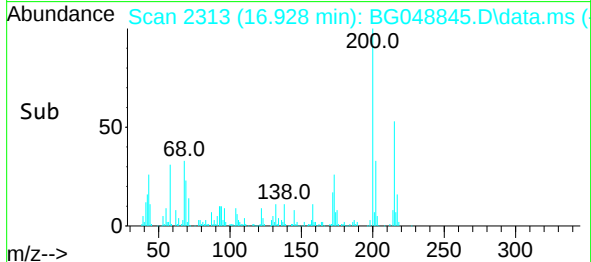
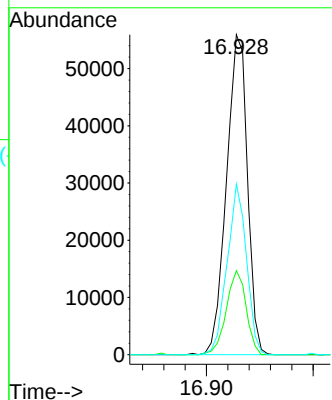
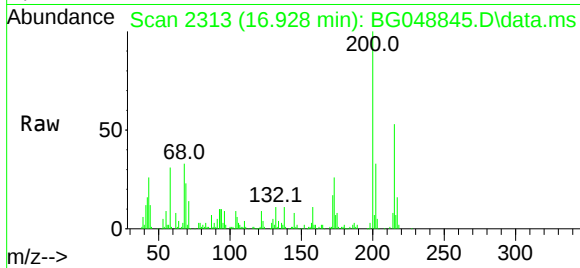




#69
Atrazine
Concen: 48.34 ng
RT: 16.928 min Scan# 2313
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

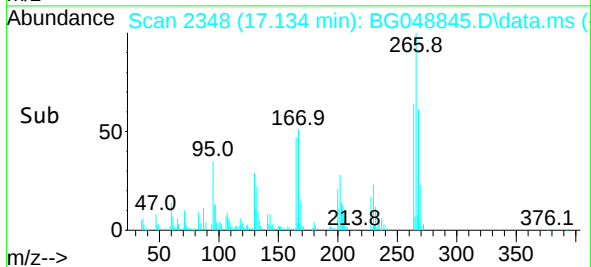
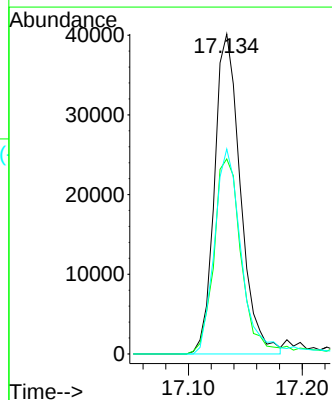
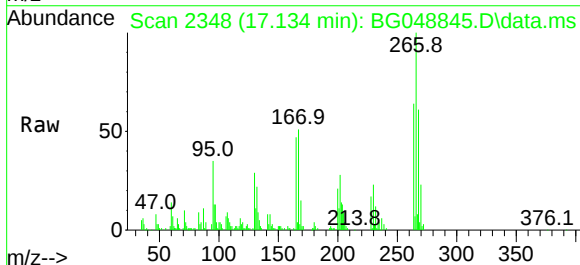
Instrument :
BNA_F
ClientSampleId :
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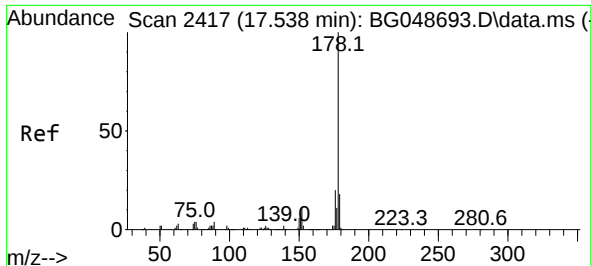
Tgt Ion:200 Resp: 76277
Ion Ratio Lower Upper
200 100
173 26.3 3.7 43.7
215 53.3 26.9 66.9



#70
Pentachlorophenol
Concen: 76.21 ng
RT: 17.134 min Scan# 2348
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:266 Resp: 63568
Ion Ratio Lower Upper
266 100
268 60.9 49.0 73.4
264 64.1 49.0 73.6

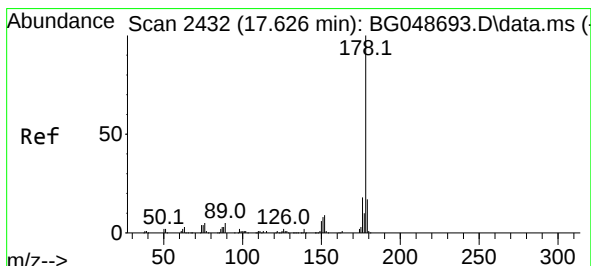
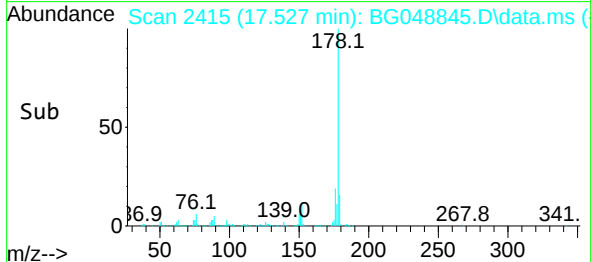
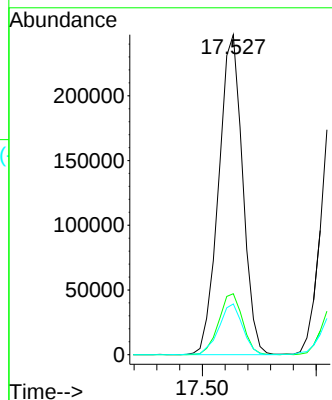
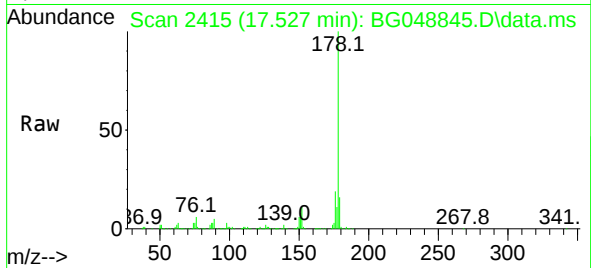




#71
Phenanthrene
Concen: 51.95 ng
RT: 17.527 min Scan# 2415
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

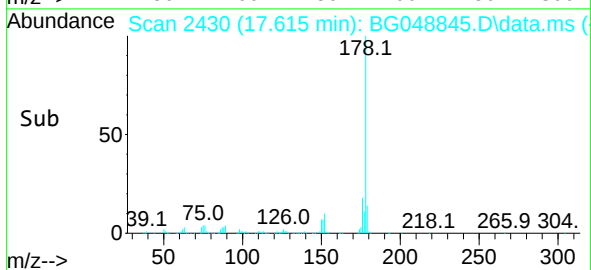
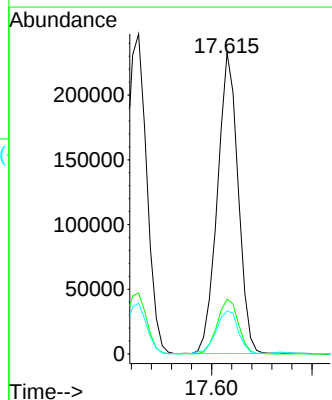
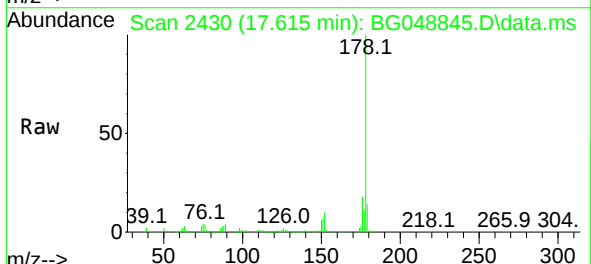
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

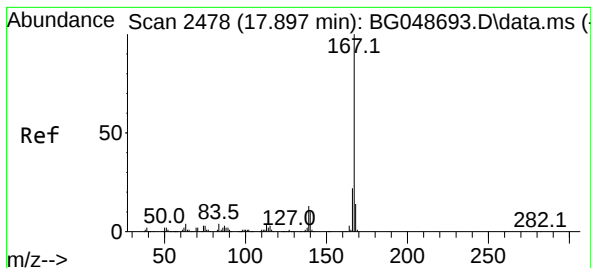
Tgt Ion:178 Resp: 361986
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.8 14.2 21.4



#72
Anthracene
Concen: 48.12 ng
RT: 17.615 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:178 Resp: 331836
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 14.2 13.4 20.0

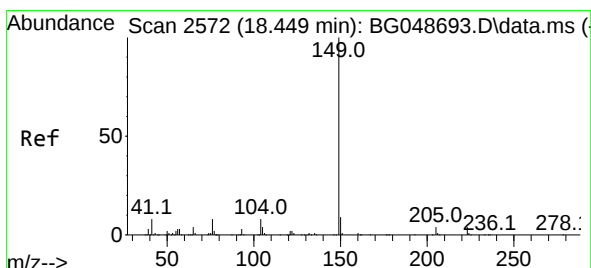
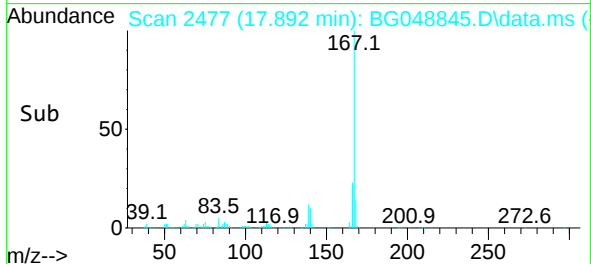
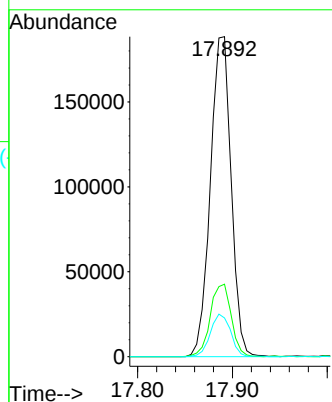
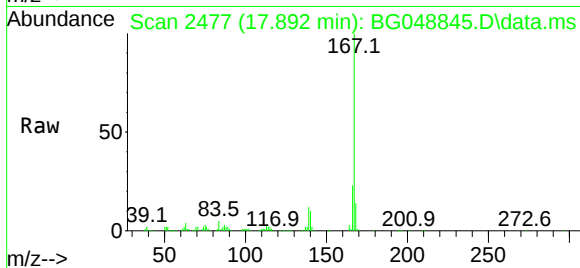




#73
Carbazole
Concen: 43.49 ng
RT: 17.892 min Scan# 2477
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

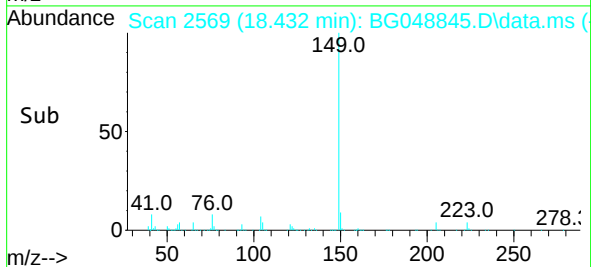
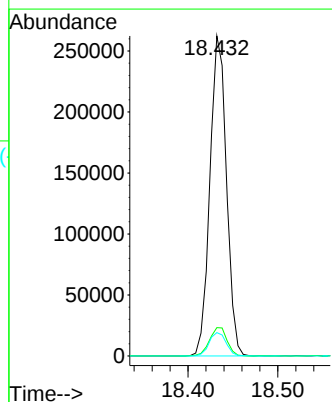
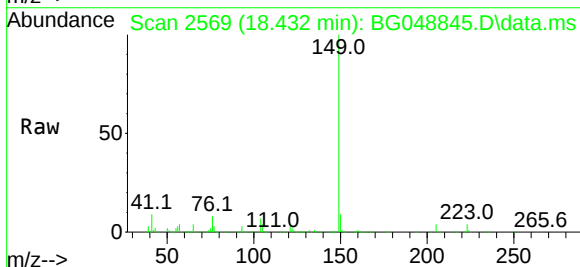
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

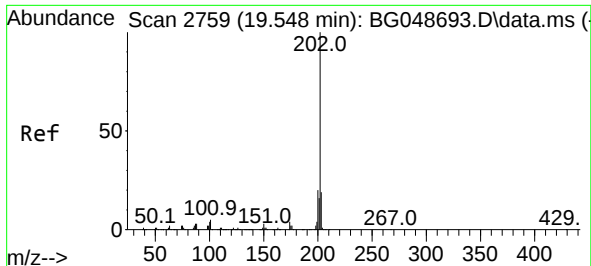
Tgt Ion:167 Resp: 287244
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.2
139 12.1 10.7 16.1



#74
Di-n-butylphthalate
Concen: 45.32 ng
RT: 18.432 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:149 Resp: 335554
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 7.3 6.6 10.0

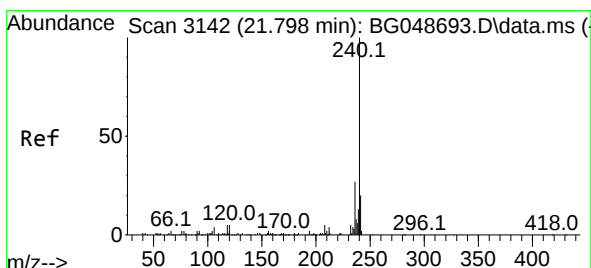
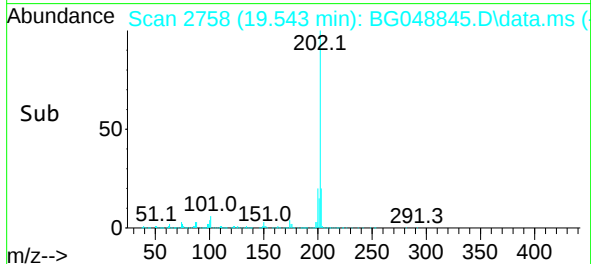
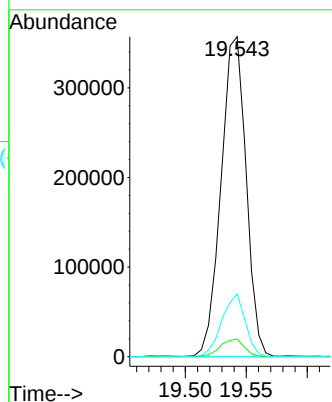
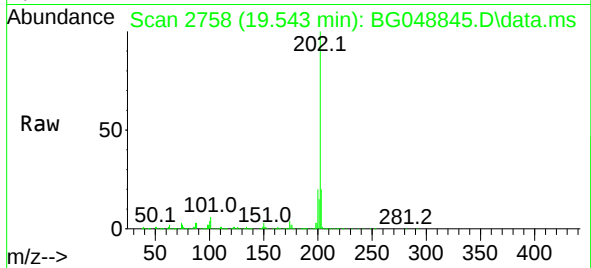




#75
Fluoranthene
Concen: 58.01 ng
RT: 19.543 min Scan# 2758
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

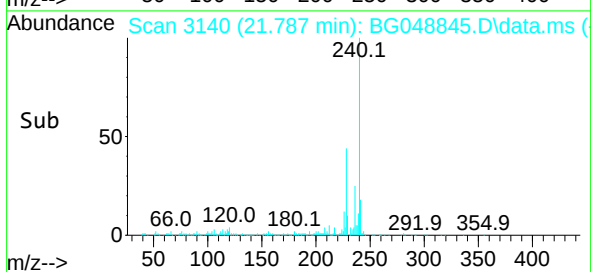
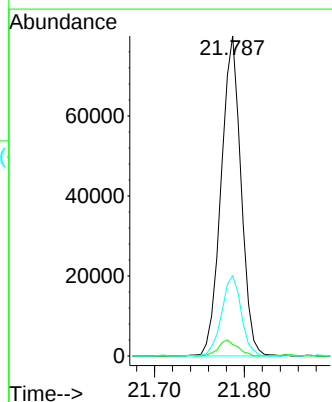
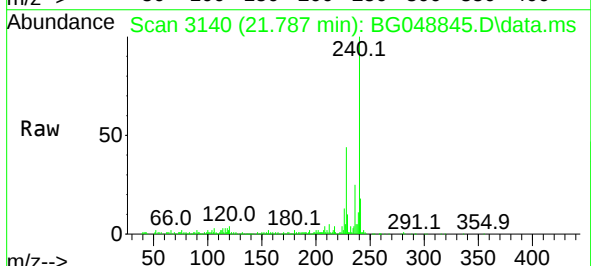
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

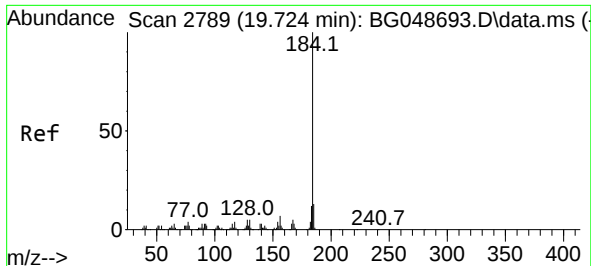
Tgt Ion:202 Resp: 511256
Ion Ratio Lower Upper
202 100
101 5.5 0.0 24.7
203 19.7 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:240 Resp: 122770
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.2#
236 25.0 21.8 32.6

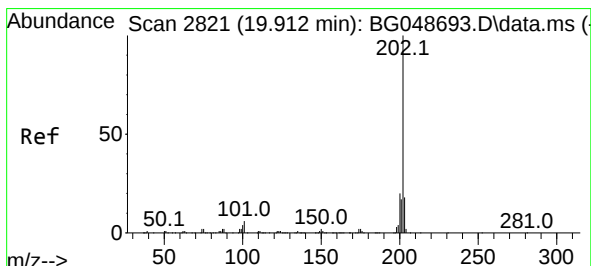
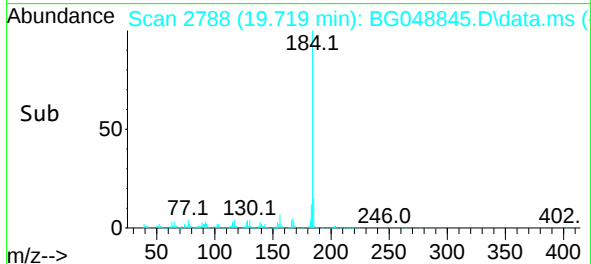
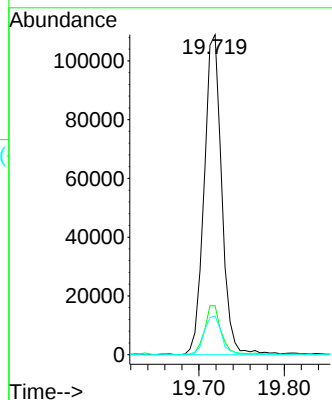
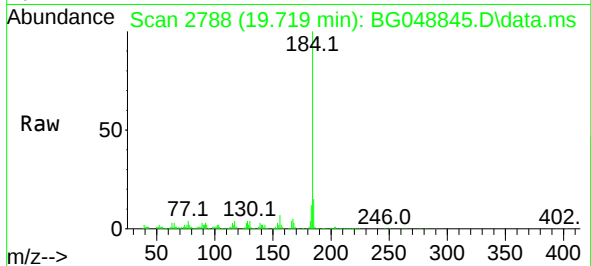




#77
Benzidine
Concen: 46.71 ng
RT: 19.719 min Scan# 2788
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

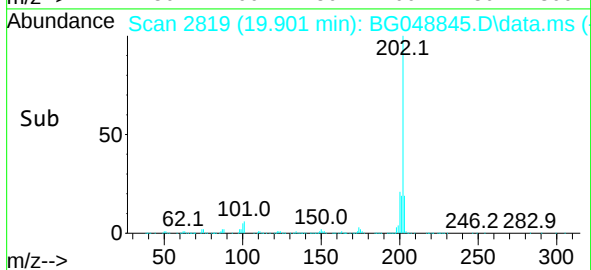
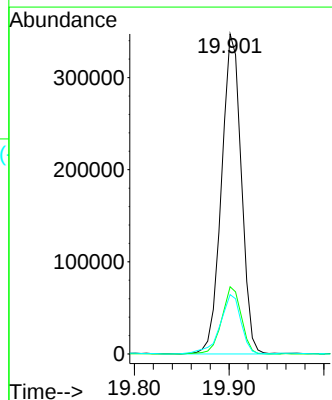
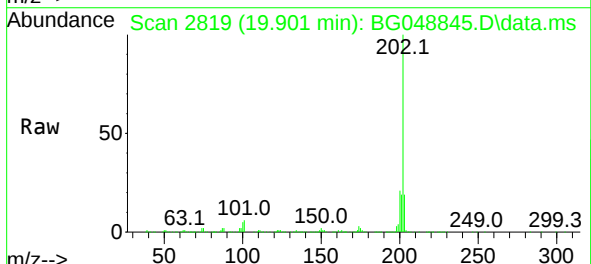
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

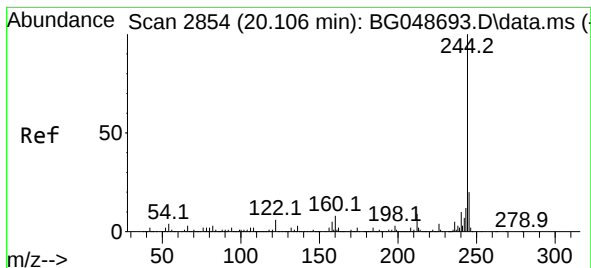
Tgt Ion:184 Resp: 155720
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 12.1 9.4 14.0



#78
Pyrene
Concen: 59.36 ng
RT: 19.901 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:202 Resp: 504191
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 79.79 ng

RT: 20.095 min Scan# 2852

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

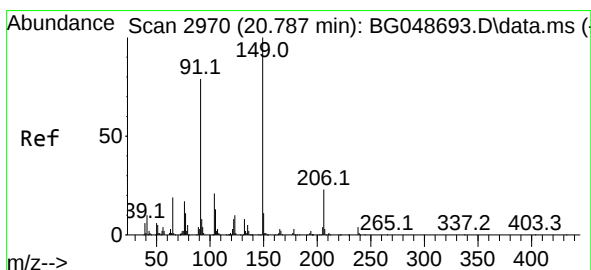
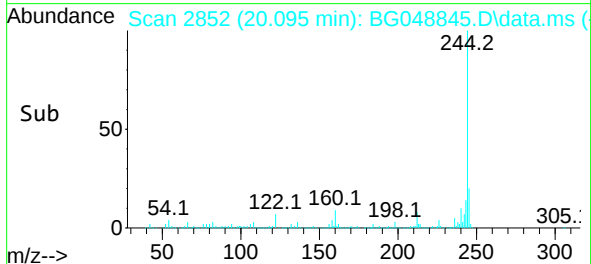
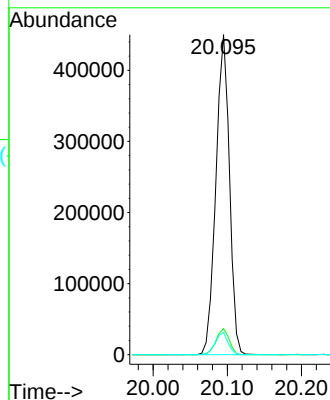
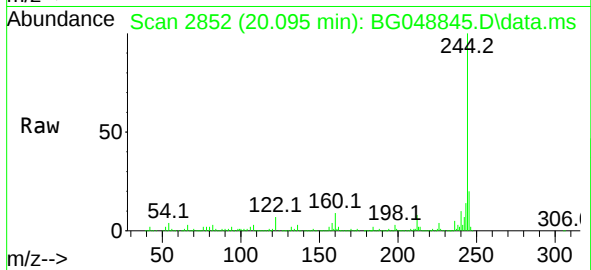
Tgt Ion:244 Resp: 569132

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 7.0 5.0 7.6



#80

Butylbenzylphthalate

Concen: 41.70 ng

RT: 20.776 min Scan# 2968

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

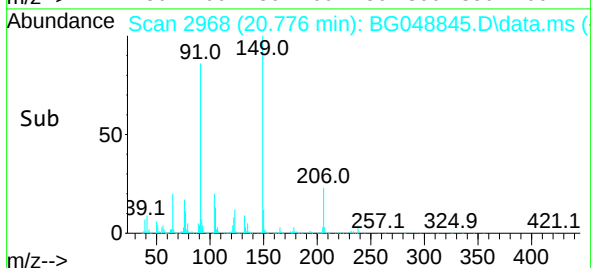
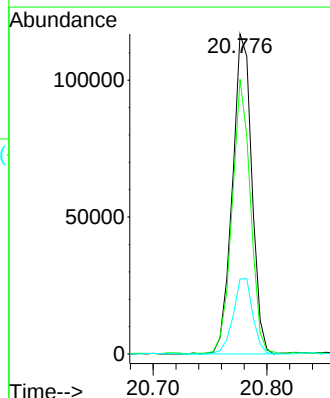
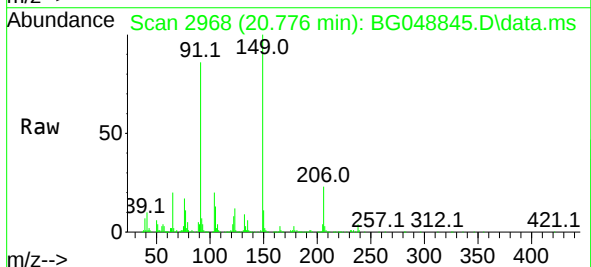
Tgt Ion:149 Resp: 138492

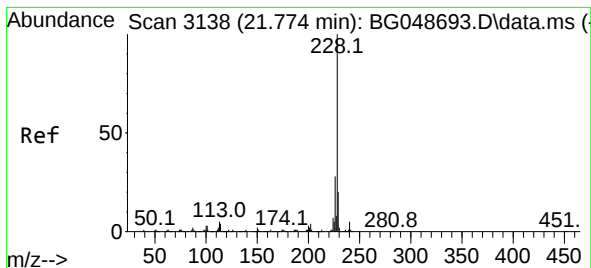
Ion Ratio Lower Upper

149 100

91 85.8 63.4 95.2

206 23.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 55.94 ng

RT: 21.763 min Scan# 3136

Delta R.T. 0.007 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

Tgt Ion:228 Resp: 469348

Ion Ratio Lower Upper

228 100

226 26.4 22.7 34.1

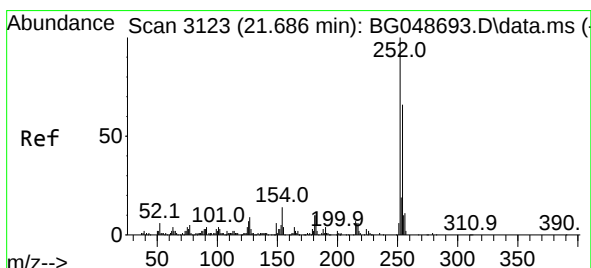
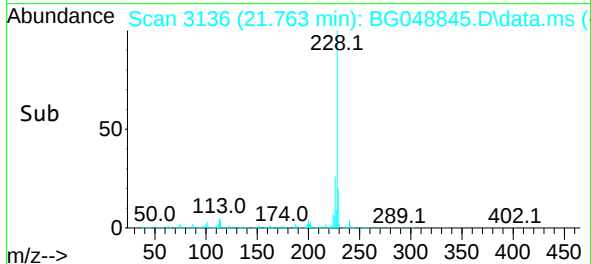
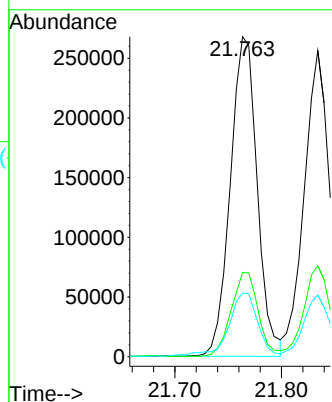
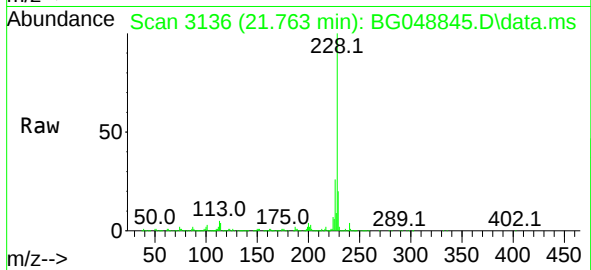
229 19.9 16.0 24.0

Instrument :

BNA_F

ClientSampleId :

FS-SB12A(7-8)MSD



#82

3,3'-Dichlorobenzidine

Concen: 15.52 ng

RT: 21.669 min Scan# 3120

Delta R.T. 0.001 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

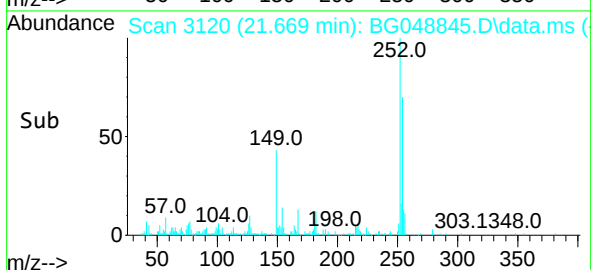
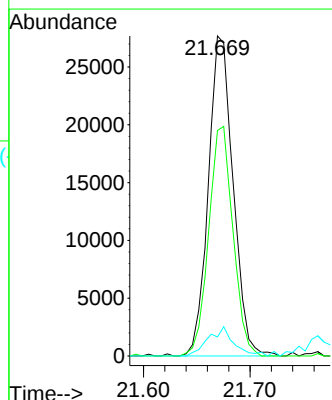
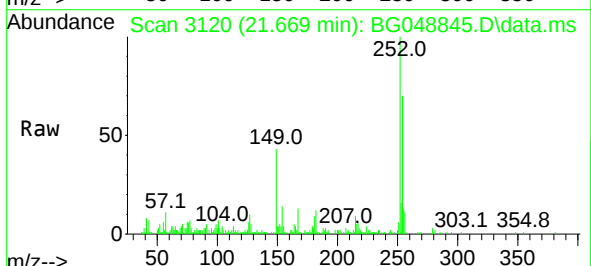
Tgt Ion:252 Resp: 44656

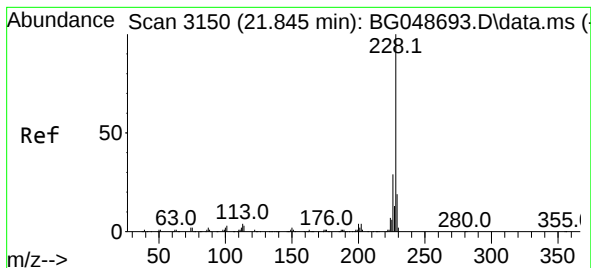
Ion Ratio Lower Upper

252 100

254 70.5 52.4 78.6

126 5.9 5.9 8.9





#83

Chrysene

Concen: 52.37 ng

RT: 21.834 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

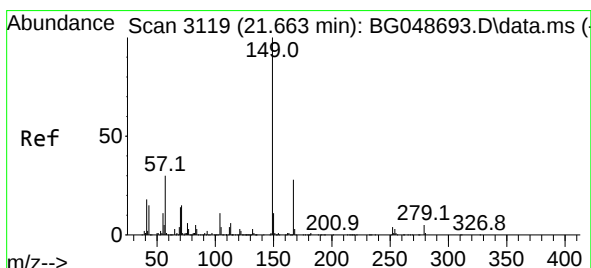
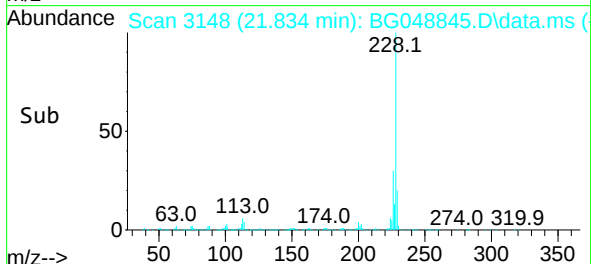
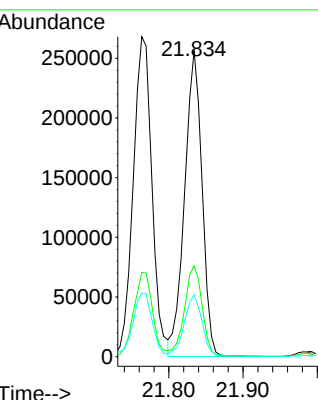
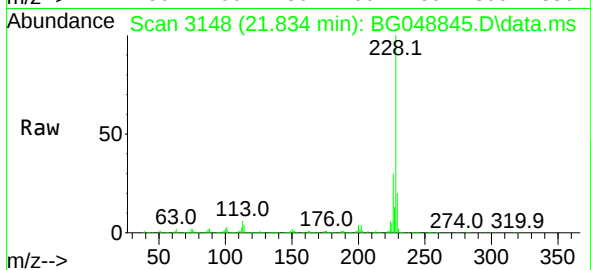
Tgt Ion:228 Resp: 418481

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

229 20.1 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.63 ng

RT: 21.652 min Scan# 3117

Delta R.T. 0.007 min

Lab File: BG048845.D

Acq: 22 Apr 2021 13:41

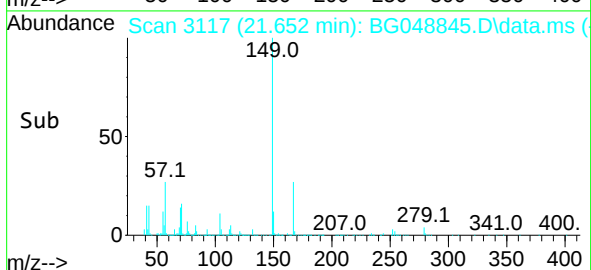
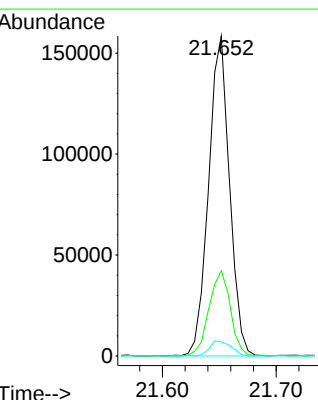
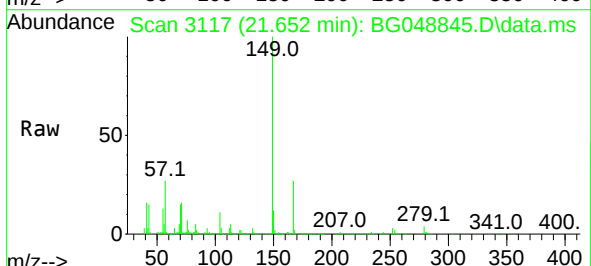
Tgt Ion:149 Resp: 202851

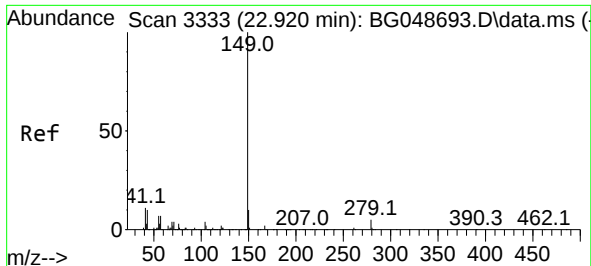
Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 4.4 3.8 5.8

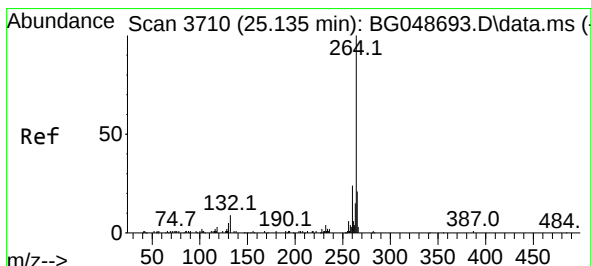
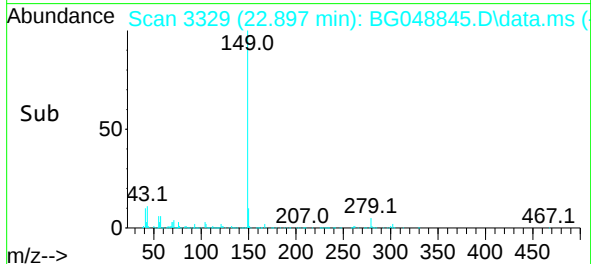
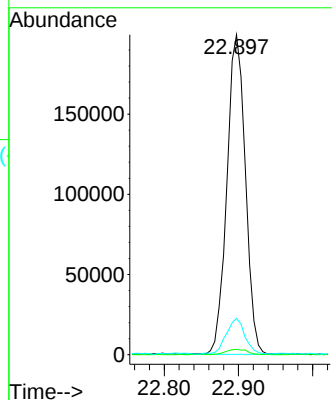
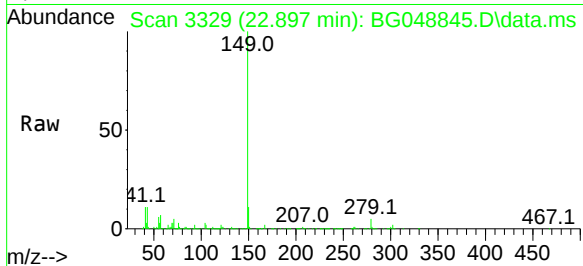




#85
Di-n-octyl phthalate
Concen: 43.64 ng
RT: 22.897 min Scan# 3329
Delta R.T. 0.001 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

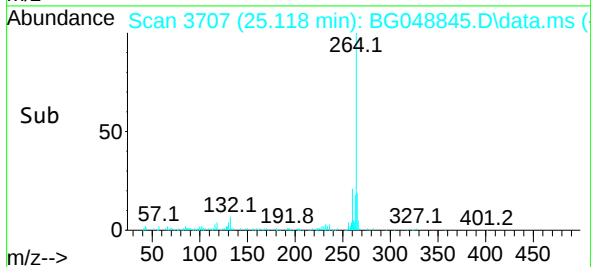
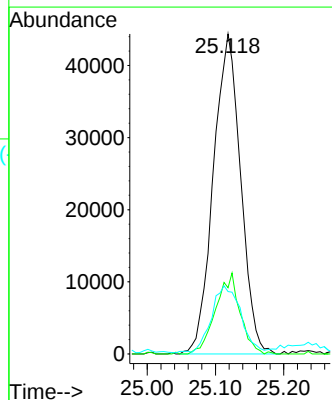
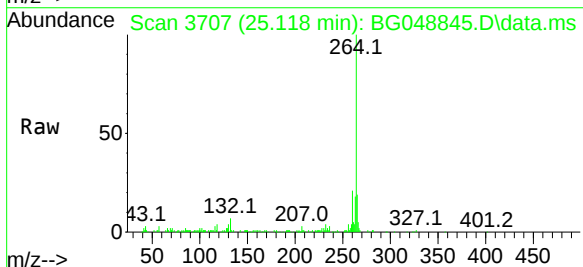
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

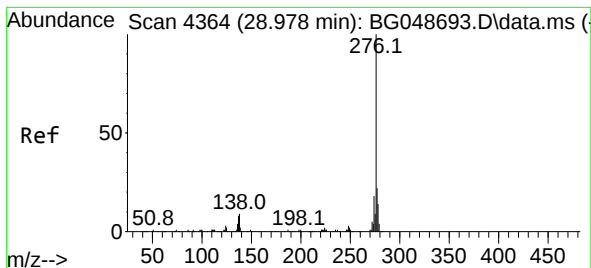
Tgt Ion:149 Resp: 345430
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 11.3 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.118 min Scan# 3707
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:264 Resp: 123564
Ion Ratio Lower Upper
264 100
260 20.7 19.4 29.2
265 19.5 16.9 25.3

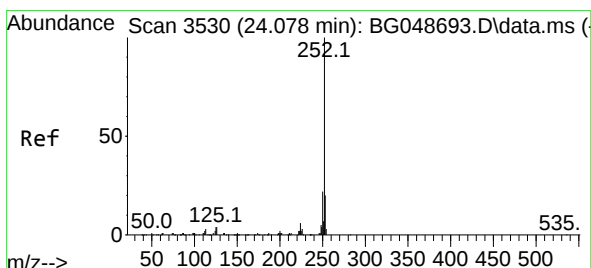
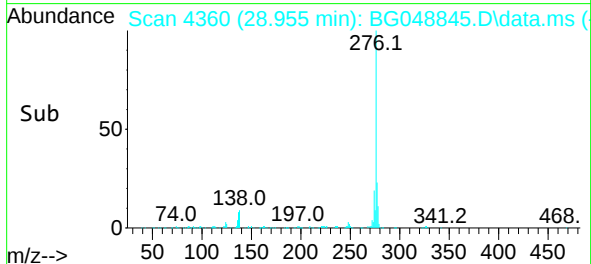
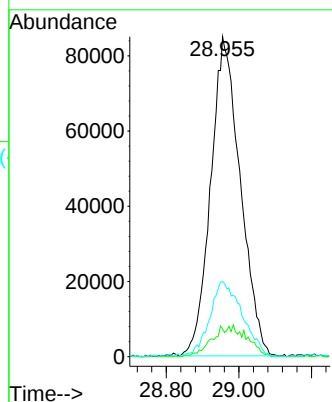
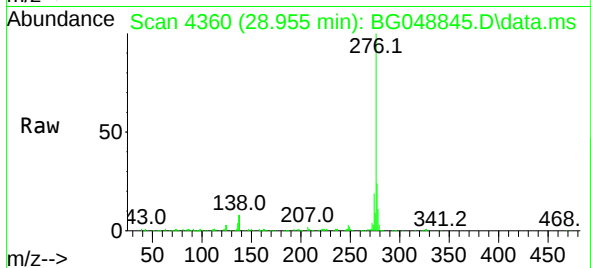




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.92 ng
 RT: 28.955 min Scan# 4360
 Delta R.T. 0.018 min
 Lab File: BG048845.D
 Acq: 22 Apr 2021 13:41

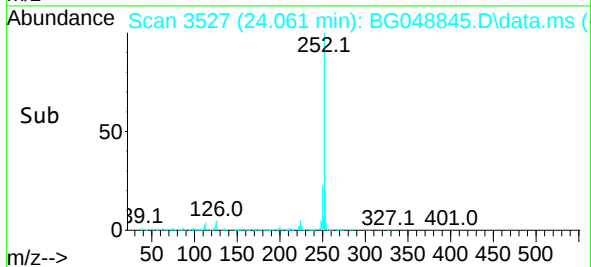
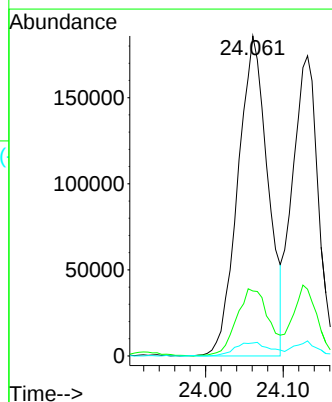
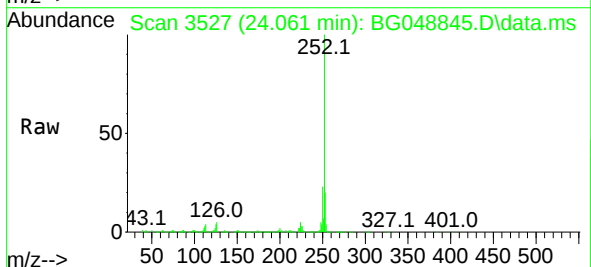
Instrument :
 BNA_F
 ClientSampleId :
 FS-SB12A(7-8)MSD

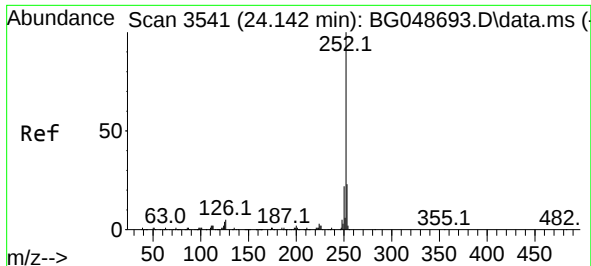
Tgt Ion:276 Resp: 480228
 Ion Ratio Lower Upper
 276 100
 138 4.6 5.1 7.7#
 277 26.0 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 59.69 ng
 RT: 24.061 min Scan# 3527
 Delta R.T. 0.012 min
 Lab File: BG048845.D
 Acq: 22 Apr 2021 13:41

Tgt Ion:252 Resp: 500380
 Ion Ratio Lower Upper
 252 100
 253 20.3 16.2 24.4
 125 4.1 3.0 4.4

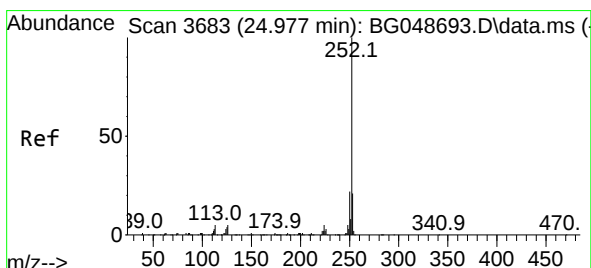
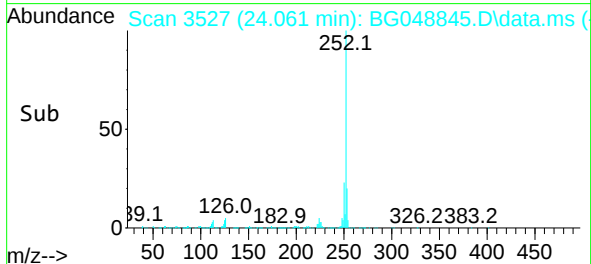
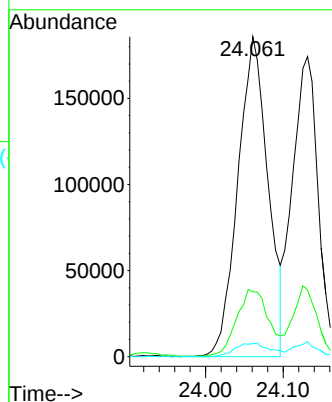
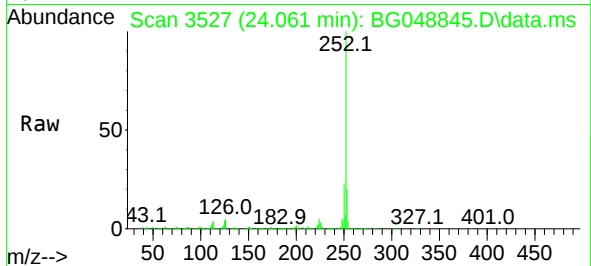




#89
Benzo(k)fluoranthene
Concen: 63.47 ng
RT: 24.061 min Scan# 3527
Delta R.T. -0.058 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

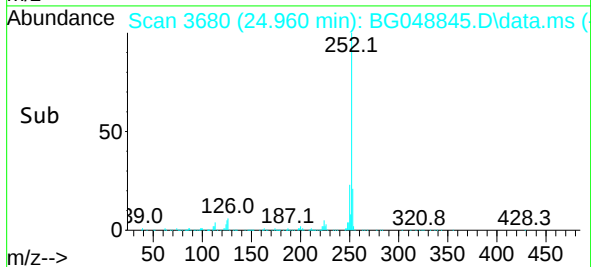
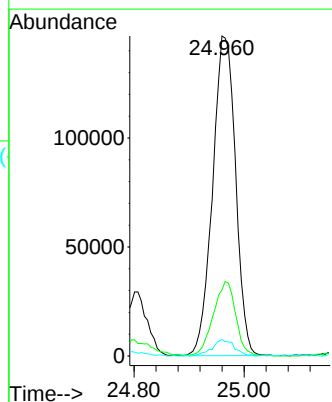
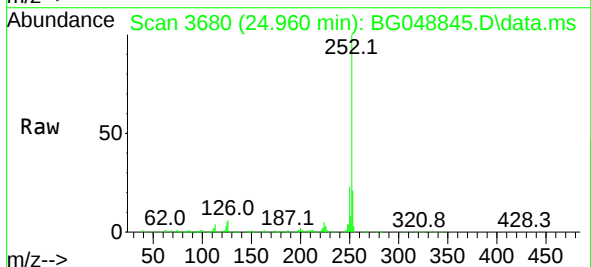
Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

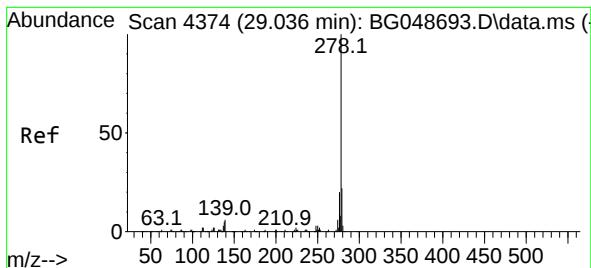
Tgt Ion:252 Resp: 500380
Ion Ratio Lower Upper
252 100
253 20.3 18.0 27.0
125 4.1 3.1 4.7



#90
Benzo(a)pyrene
Concen: 54.96 ng
RT: 24.960 min Scan# 3680
Delta R.T. 0.007 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:252 Resp: 424459
Ion Ratio Lower Upper
252 100
253 20.6 16.6 25.0
125 5.2 3.5 5.3

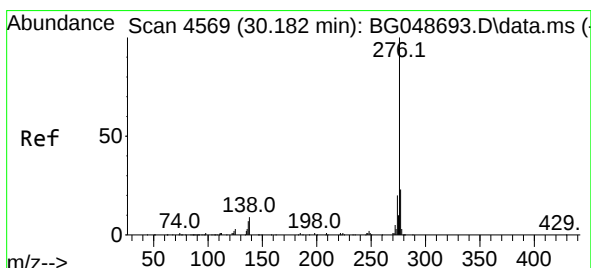
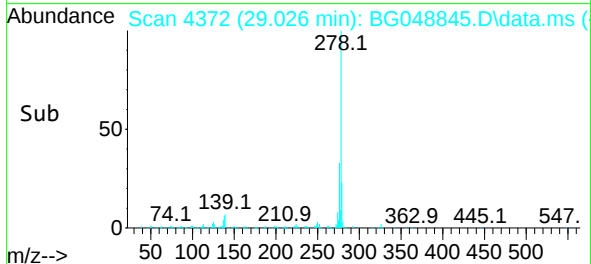
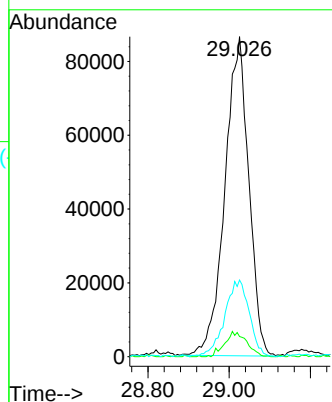
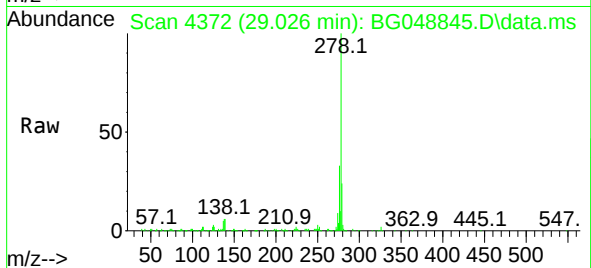




#91
Dibenzo(a,h)anthracene
Concen: 45.28 ng
RT: 29.026 min Scan# 4372
Delta R.T. 0.030 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Instrument :
BNA_F
ClientSampleId :
FS-SB12A(7-8)MSD

Tgt Ion:278 Resp: 352470
Ion Ratio Lower Upper
278 100
139 6.3 4.6 6.8
279 24.0 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 53.80 ng
RT: 30.165 min Scan# 4566
Delta R.T. 0.036 min
Lab File: BG048845.D
Acq: 22 Apr 2021 13:41

Tgt Ion:276 Resp: 413379
Ion Ratio Lower Upper
276 100
277 23.0 18.4 27.6
138 10.5 7.0 10.6

