

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
 Data File : BG049939.D
 Acq On : 23 Aug 2021 18:52
 Operator : CG/JU
 Sample : M3505-1MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMSD

Quant Time: Aug 24 02:27:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	28244	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	116550	20.000	ng	#-0.01
39) Acenaphthene-d10	14.640	164	82137	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	178535	20.000	ng	# 0.00
76) Chrysene-d12	21.672	240	145236	20.000	ng	0.00
86) Perylene-d12	24.897	264	148219	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	179869	114.160	ng	0.00
7) Phenol-d6	7.156	99	255238	107.017	ng	0.00
23) Nitrobenzene-d5	9.153	82	171212	65.005	ng	0.00
42) 2,4,6-Tribromophenol	16.138	330	132315	109.595	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	369306	65.423	ng	0.00
79) Terphenyl-d14	20.003	244	521302	65.190	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.367	88	22131	32.143	ng	98
3) Pyridine	3.784	79	54323	28.783	ng	# 83
4) n-Nitrosodimethylamine	3.702	42	40495	39.903	ng	# 72
6) Aniline	7.297	93	101692	40.231	ng	99
8) 2-Chlorophenol	7.549	128	83043	48.342	ng	98
9) Benzaldehyde	7.115	77	59517	37.399	ng	# 85
10) Phenol	7.185	94	108357	46.888	ng	91
11) bis(2-Chloroethyl)ether	7.397	93	68783	44.082	ng	94
12) 1,3-Dichlorobenzene	7.867	146	85054	43.232	ng	96
13) 1,4-Dichlorobenzene	8.014	146	88054	44.216	ng	94
14) 1,2-Dichlorobenzene	8.337	146	83763	44.399	ng	96
15) Benzyl Alcohol	8.225	79	93590	46.725	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.507	45	75465	42.564	ng	97
17) 2-Methylphenol	8.437	107	73914	48.570	ng	97
18) Hexachloroethane	9.059	117	34117	44.566	ng	89
19) n-Nitroso-di-n-propyla...	8.789	70	65600	41.102	ng	90
20) 3+4-Methylphenols	8.771	107	102423	47.923	ng	97
22) Acetophenone	8.812	105	131707	41.595	ng	# 93
24) Nitrobenzene	9.194	77	106984	38.494	ng	95
25) Isophorone	9.717	82	174247	37.075	ng	98
26) 2-Nitrophenol	9.911	139	47177	44.480	ng	94
27) 2,4-Dimethylphenol	9.976	122	78233	49.905	ng	97
28) bis(2-Chloroethoxy)met...	10.199	93	96520	46.947	ng	# 91
29) 2,4-Dichlorophenol	10.457	162	87040	45.246	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	91840	43.359	ng	91
31) Naphthalene	10.851	128	252261	41.328	ng	99
32) Benzoic acid	10.146	122	39228	36.732	ng	# 75
33) 4-Chloroaniline	10.962	127	73907	30.669	ng	96
34) Hexachlorobutadiene	11.127	225	64060	41.618	ng	92
35) Caprolactam	11.803	113	9338	15.710	ng	94
36) 4-Chloro-3-methylphenol	12.102	107	101223	45.553	ng	# 92
37) 2-Methylnaphthalene	12.460	142	190073	41.337	ng	96
38) 1-Methylnaphthalene	12.678	142	178074	41.206	ng	92
40) 1,2,4,5-Tetrachloroben...	12.831	216	108757	44.938	ng	99
41) Hexachlorocyclopentadiene	12.801	237	75206	58.714	ng	93
43) 2,4,6-Trichlorophenol	13.077	196	71954	44.101	ng	95

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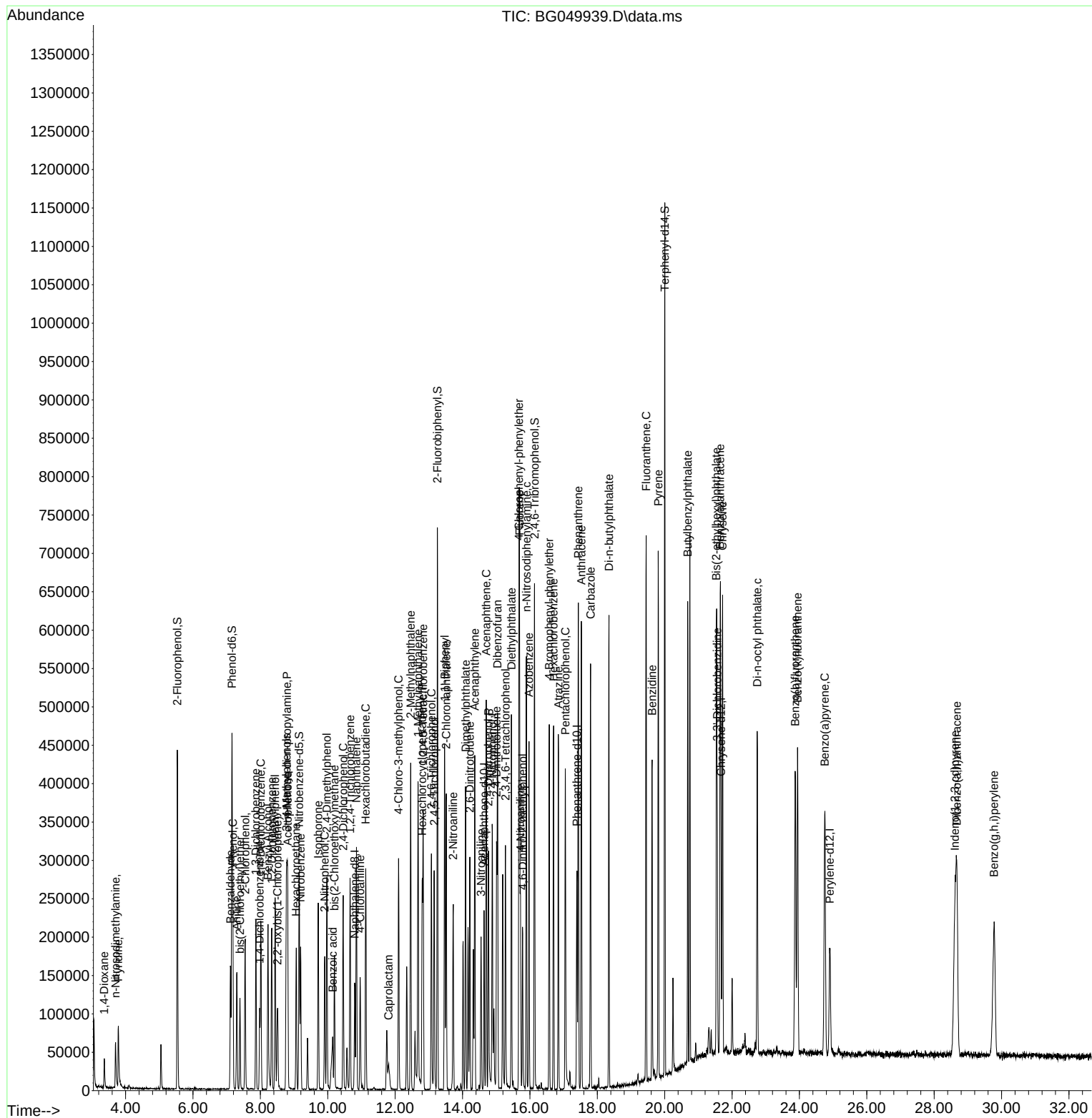
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	78286	44.228	ng	93
46) 1,1'-Biphenyl	13.471	154	242860	41.514	ng	98
47) 2-Chloronaphthalene	13.518	162	200654	42.944	ng	96
48) 2-Nitroaniline	13.723	65	71014	41.391	ng	92
49) Acenaphthylene	14.364	152	312433	42.188	ng	98
50) Dimethylphthalate	14.094	163	258790	41.760	ng	99
51) 2,6-Dinitrotoluene	14.217	165	57375	42.050	ng	86
52) Acenaphthene	14.704	154	181146	40.605	ng	94
53) 3-Nitroaniline	14.546	138	46152	34.685	ng	99
54) 2,4-Dinitrophenol	14.769	184	68442	88.356	ng	94
55) Dibenzofuran	15.039	168	297559	41.115	ng	96
56) 4-Nitrophenol	14.887	139	74466	76.603	ng	94
57) 2,4-Dinitrotoluene	15.010	165	80079	41.786	ng	# 93
58) Fluorene	15.691	166	247082	42.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	66236	40.290	ng	98
60) Diethylphthalate	15.451	149	261955	42.029	ng	96
61) 4-Chlorophenyl-phenyle...	15.674	204	133584	42.548	ng	93
62) 4-Nitroaniline	15.721	138	57992	42.370	ng	90
63) Azobenzene	15.973	77	251607	38.140	ng	88
65) 4,6-Dinitro-2-methylph...	15.785	198	45638	39.769	ng	94
66) n-Nitrosodiphenylamine	15.897	169	216468	42.911	ng	97
67) 4-Bromophenyl-phenylether	16.573	248	91270	43.407	ng	97
68) Hexachlorobenzene	16.702	284	99202	42.465	ng	96
69) Atrazine	16.849	200	93664	46.416	ng	98
70) Pentachlorophenol	17.054	266	83058	66.306	ng	98
71) Phenanthrene	17.436	178	394601	42.010	ng	98
72) Anthracene	17.530	178	396716	43.005	ng	98
73) Carbazole	17.800	167	354350	40.558	ng	98
74) Di-n-butylphthalate	18.347	149	424260	41.656	ng	98
75) Fluoranthene	19.451	202	449858	38.920	ng	98
77) Benzidine	19.627	184	238982	64.221	ng	97
78) Pyrene	19.809	202	439511	44.389	ng	98
80) Butylbenzylphthalate	20.685	149	165590	43.912	ng	96
81) Benzo(a)anthracene	21.648	228	394101	41.667	ng	97
82) 3,3'-Dichlorobenzidine	21.560	252	113724	41.180	ng	96
83) Chrysene	21.719	228	372654	41.217	ng	97
84) Bis(2-ethylhexyl)phtha...	21.536	149	226328	42.401	ng	96
85) Di-n-octyl phthalate	22.747	149	368703	40.888	ng	100
87) Indeno(1,2,3-cd)pyrene	28.615	276	458950	42.935	ng	98
88) Benzo(b)fluoranthene	23.874	252	399335	41.080	ng	95
89) Benzo(k)fluoranthene	23.945	252	382415	42.175	ng	99
90) Benzo(a)pyrene	24.756	252	382304	43.457	ng	# 98
91) Dibenzo(a,h)anthracene	28.674	278	390219	43.322	ng	99
92) Benzo(g,h,i)perylene	29.778	276	386333	43.779	ng	95

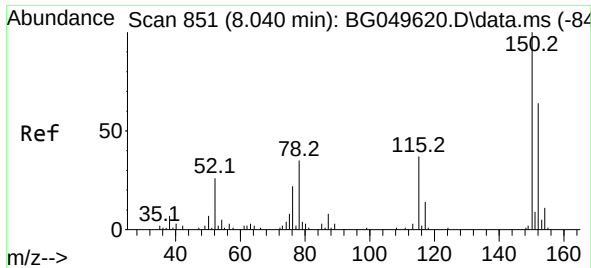
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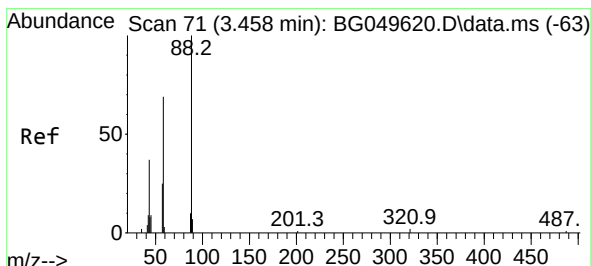
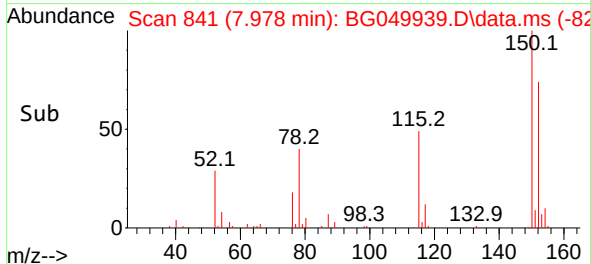
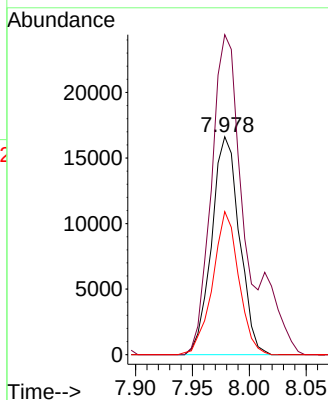
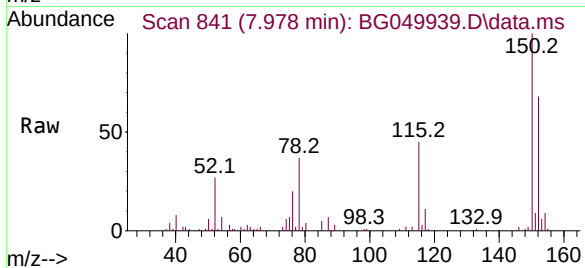




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.978 min Scan# 841
 Delta R.T. -0.008 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

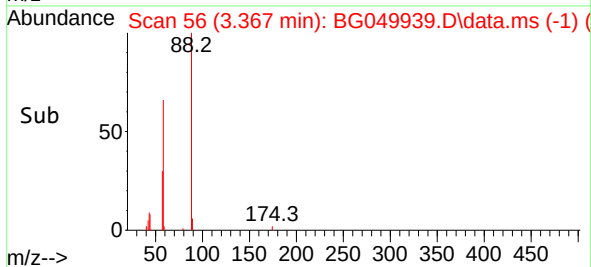
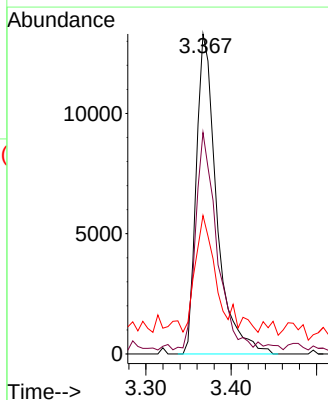
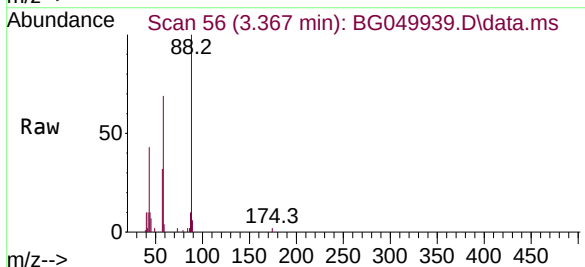
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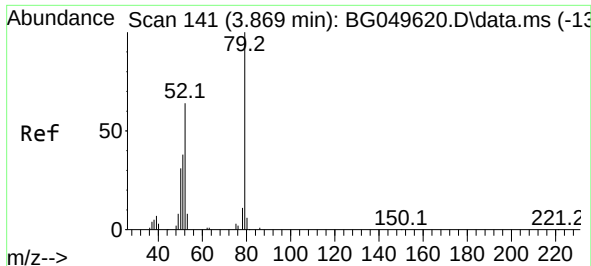
Tgt Ion:152 Resp: 28244
 Ion Ratio Lower Upper
 152 100
 150 146.8 119.4 179.0
 115 65.6 60.2 90.4



#2
 1,4-Dioxane
 Concen: 32.143 ng
 RT: 3.367 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

Tgt Ion: 88 Resp: 22131
 Ion Ratio Lower Upper
 88 100
 58 70.0 55.7 83.5
 43 39.2 29.3 43.9

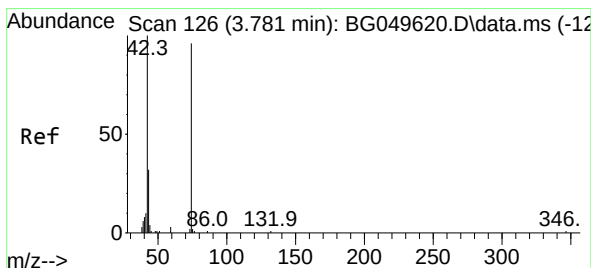
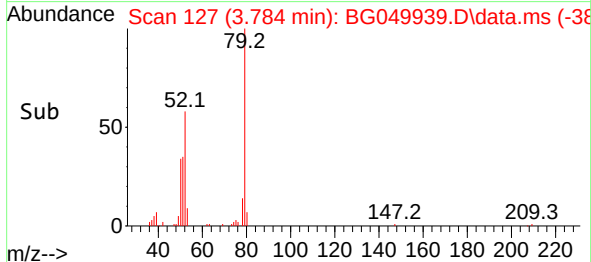
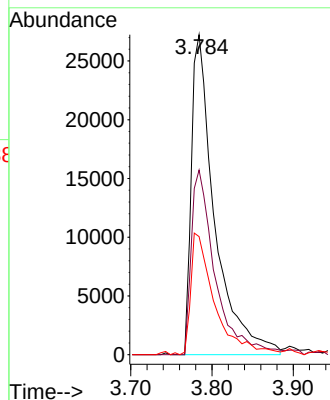
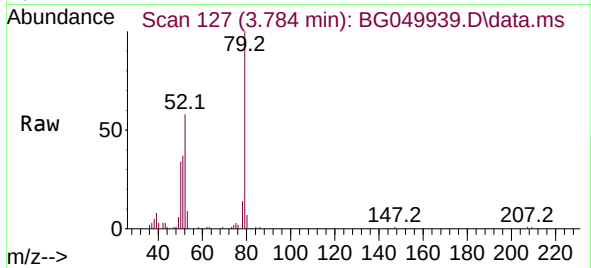




#3
Pyridine
Concen: 28.783 ng
RT: 3.784 min Scan# 127
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

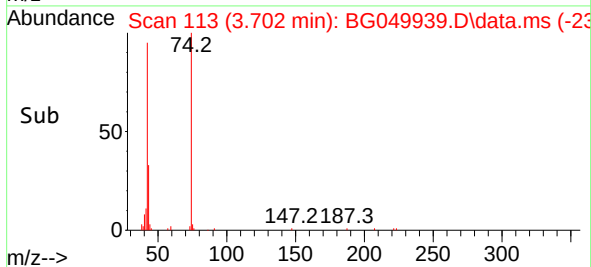
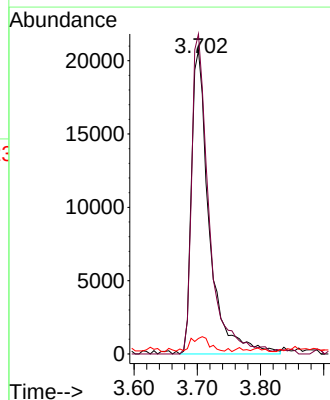
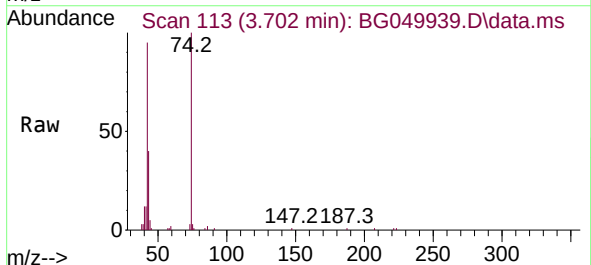
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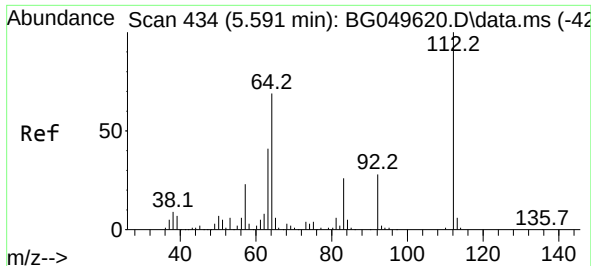
Tgt Ion: 79 Resp: 54323
Ion Ratio Lower Upper
79 100
52 57.7 58.4 87.6#
51 36.9 37.0 55.6#



#4
n-Nitrosodimethylamine
Concen: 39.903 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 42 Resp: 40495
Ion Ratio Lower Upper
42 100
74 105.5 64.0 96.0#
44 5.1 2.7 4.1#

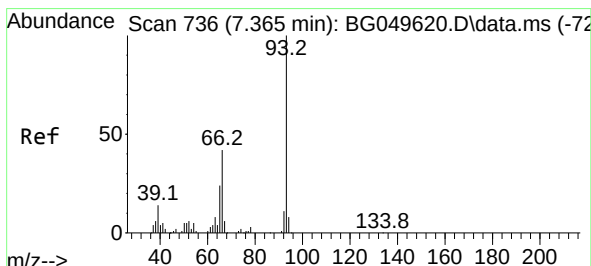
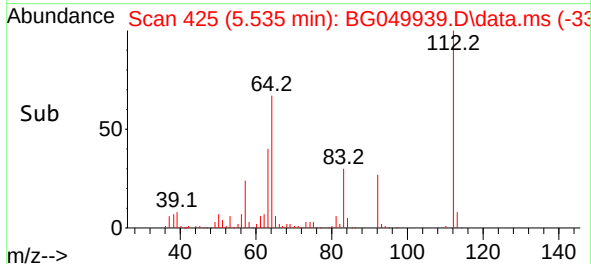
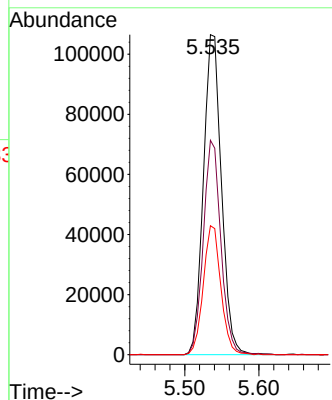
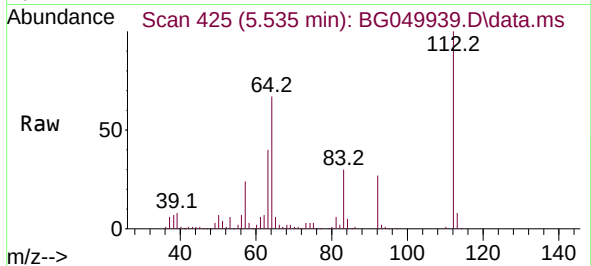




#5
2-Fluorophenol
Concen: 114.160 ng
RT: 5.535 min Scan# 425
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

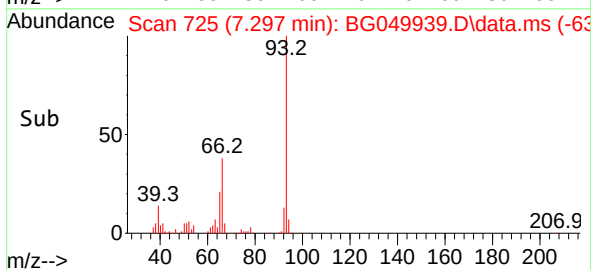
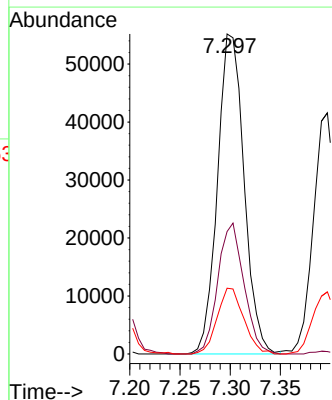
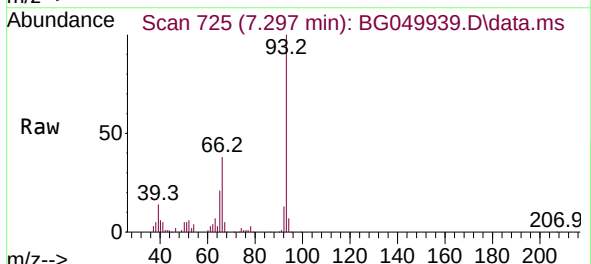
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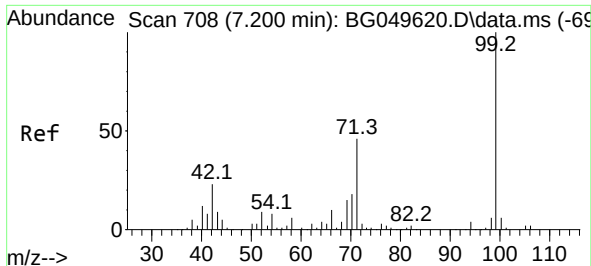
Tgt Ion:112 Resp: 179869
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 40.3 35.3 52.9



#6
Aniline
Concen: 40.231 ng
RT: 7.297 min Scan# 725
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 93 Resp: 101692
Ion Ratio Lower Upper
93 100
66 38.3 30.6 45.8
65 20.6 15.0 22.4

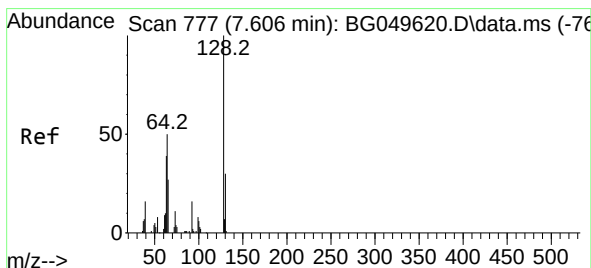
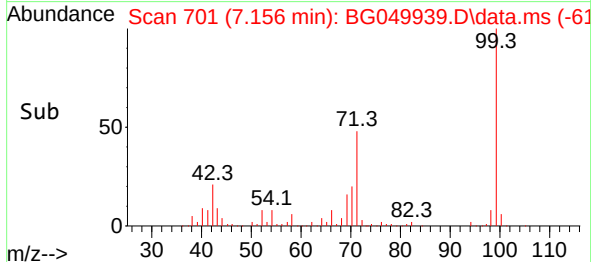
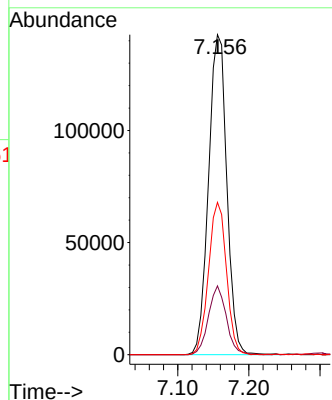
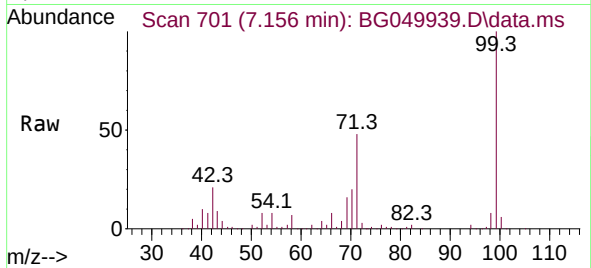




#7
Phenol-d6
Concen: 107.017 ng
RT: 7.156 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG049939.D
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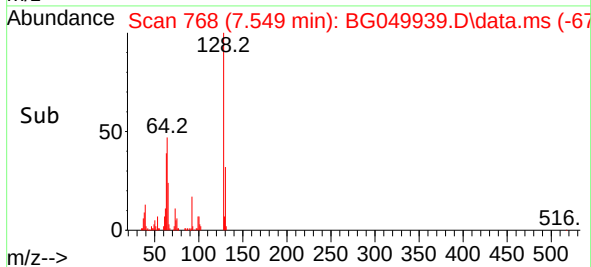
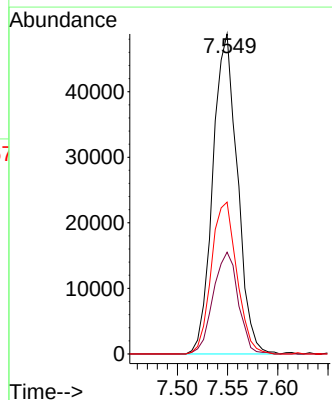
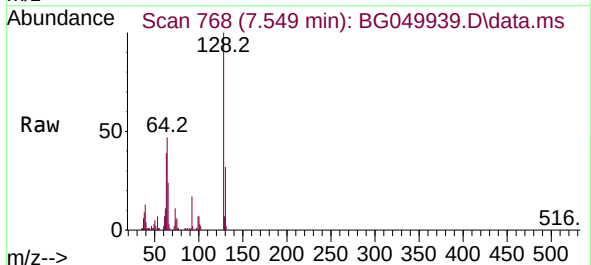
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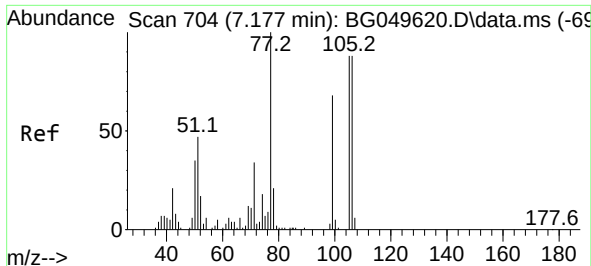
Tgt Ion: 99 Resp: 255238
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 47.6 41.5 62.3



#8
2-Chlorophenol
Concen: 48.342 ng
RT: 7.549 min Scan# 768
Delta R.T. -0.002 min
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Tgt Ion:128 Resp: 83043
Ion Ratio Lower Upper
128 100
130 31.8 10.0 50.0
64 47.5 28.1 68.1

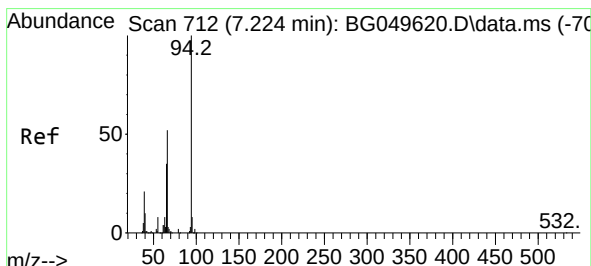
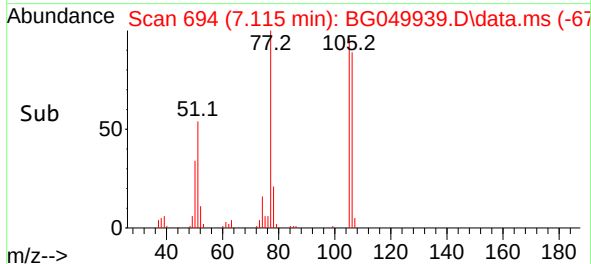
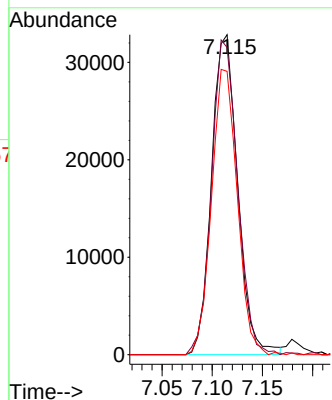
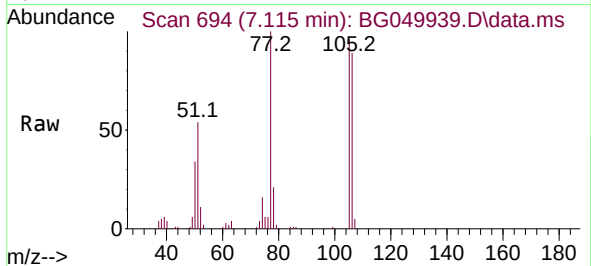




#9
Benzaldehyde
Concen: 37.399 ng
RT: 7.115 min Scan# 694
Delta R.T. -0.002 min
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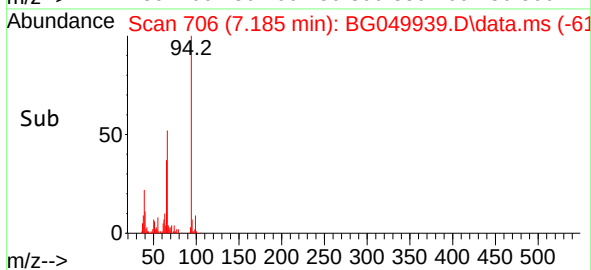
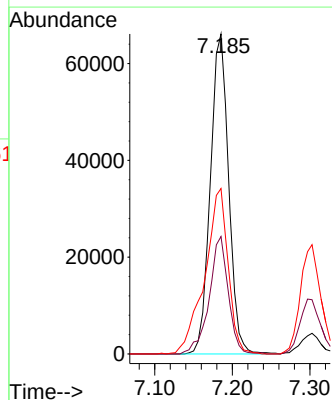
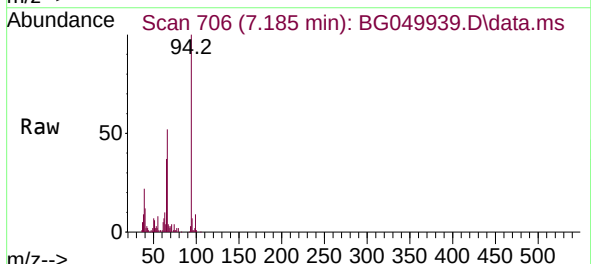
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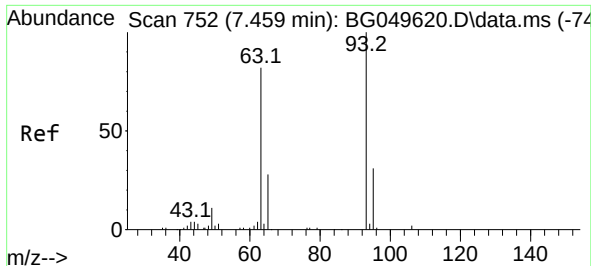
Tgt Ion: 77 Resp: 59517
Ion Ratio Lower Upper
77 100
105 96.0 68.8 108.8
106 88.5 47.9 87.9#



#10
Phenol
Concen: 46.888 ng
RT: 7.185 min Scan# 706
Delta R.T. -0.002 min
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Tgt Ion: 94 Resp: 108357
Ion Ratio Lower Upper
94 100
65 36.7 12.9 52.9
66 51.7 39.4 79.4

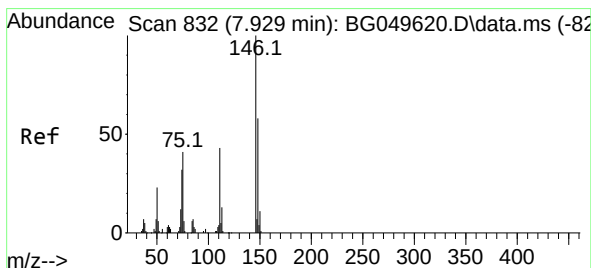
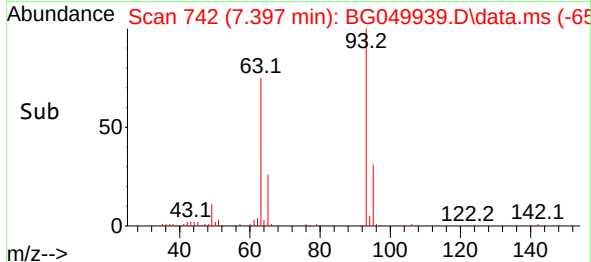
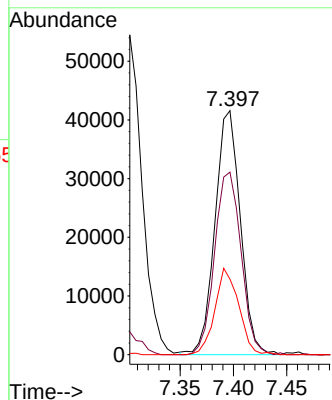
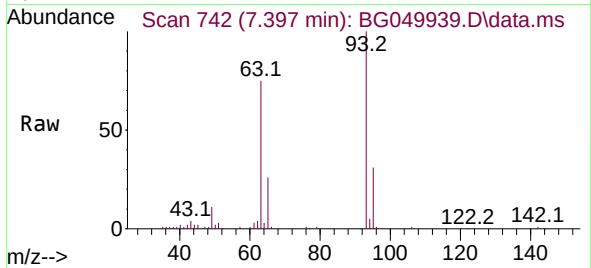




#11
bis(2-Chloroethyl)ether
Concen: 44.082 ng
RT: 7.397 min Scan# 742
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

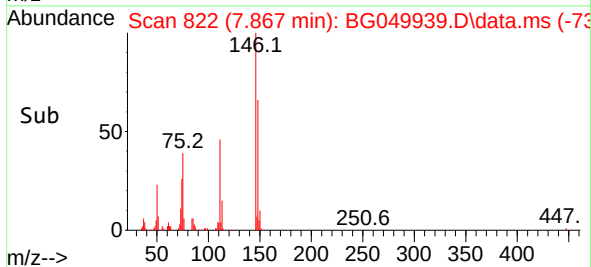
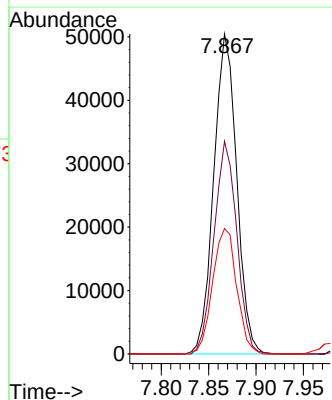
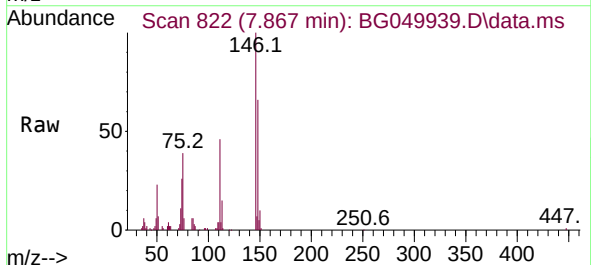
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

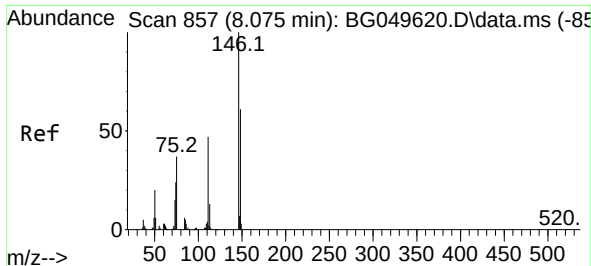
Tgt Ion: 93 Resp: 68783
Ion Ratio Lower Upper
93 100
63 74.8 50.4 90.4
95 30.9 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 43.232 ng
RT: 7.867 min Scan# 822
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:146 Resp: 85054
Ion Ratio Lower Upper
146 100
148 66.5 52.6 78.8
75 39.2 35.7 53.5

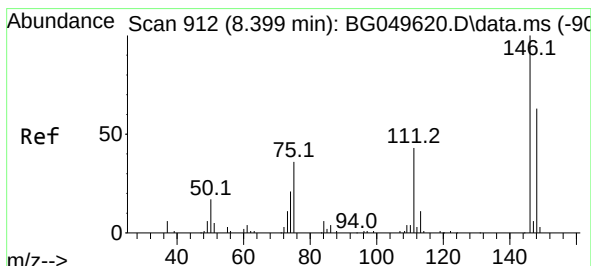
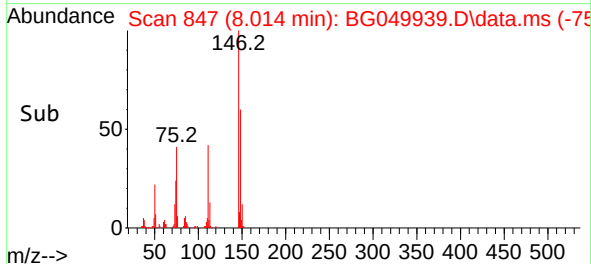
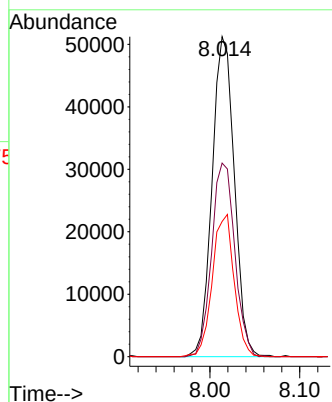
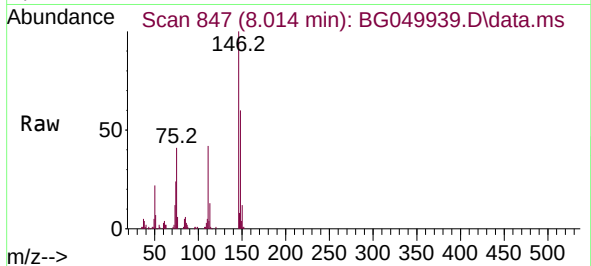




#13
1,4-Dichlorobenzene
Concen: 44.216 ng
RT: 8.014 min Scan# 847
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

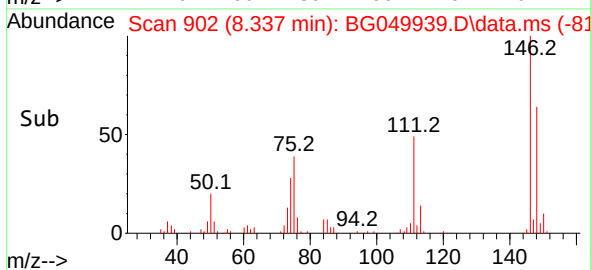
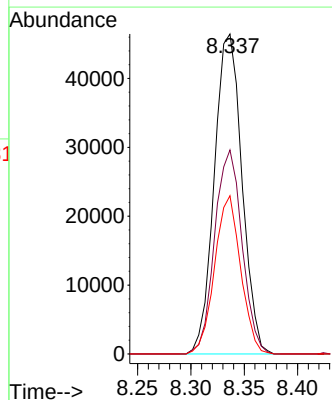
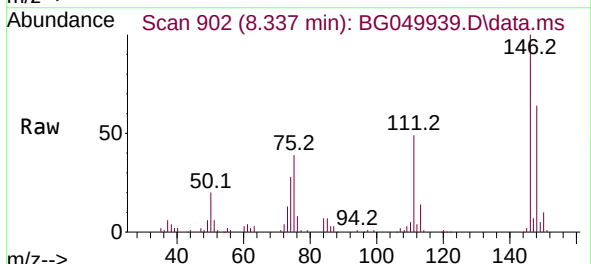
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

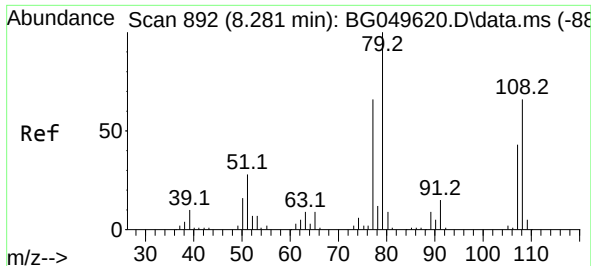
Tgt Ion:146 Resp: 88054
Ion Ratio Lower Upper
146 100
148 60.5 54.0 81.0
111 42.2 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 44.399 ng
RT: 8.337 min Scan# 902
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:146 Resp: 83763
Ion Ratio Lower Upper
146 100
148 63.8 47.5 71.3
111 49.4 39.1 58.7

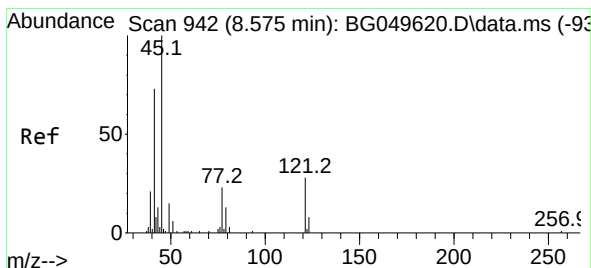
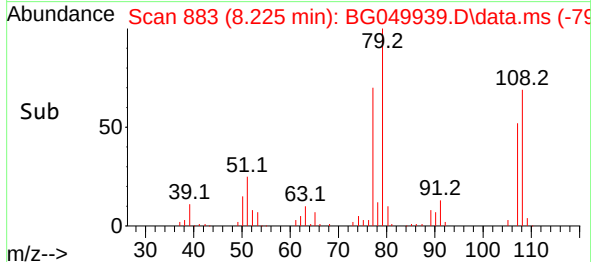
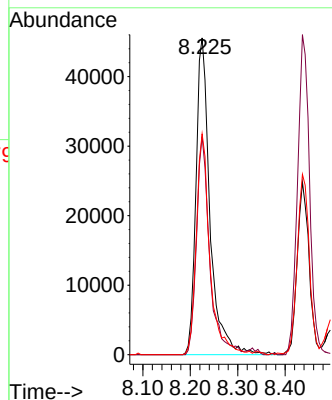
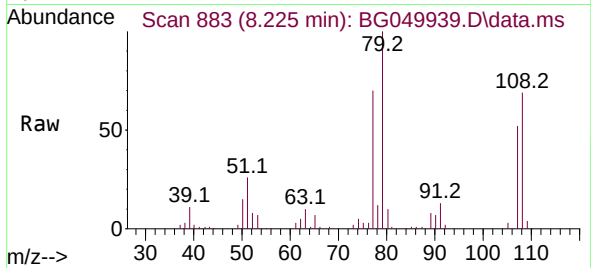




#15
Benzyl Alcohol
Concen: 46.725 ng
RT: 8.225 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

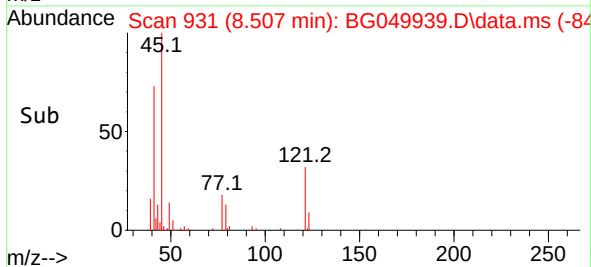
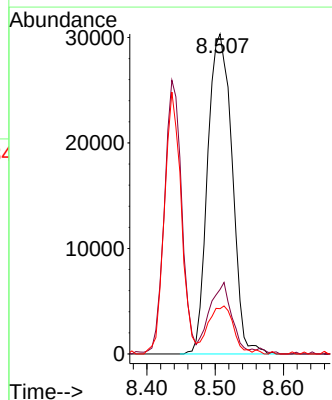
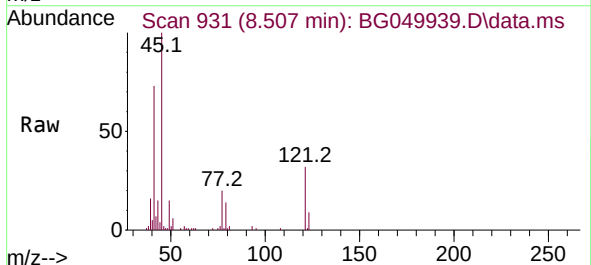
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

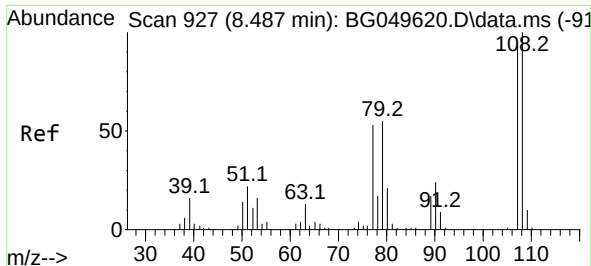
Tgt Ion: 79	Resp: 93590
Ion Ratio	Lower Upper
79	100
108	68.9 48.2 72.4
77	69.7 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.564 ng
RT: 8.507 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 45	Resp: 75465
Ion Ratio	Lower Upper
45	100
77	20.2 2.2 42.2
79	14.2 0.0 34.3

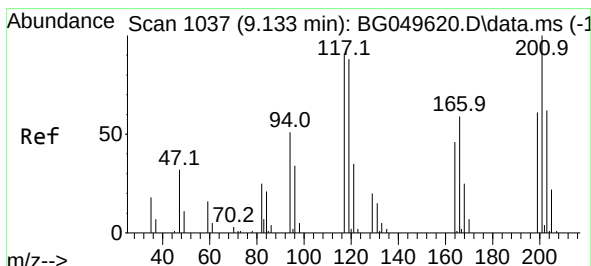
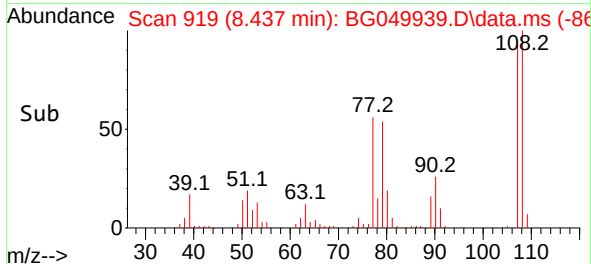
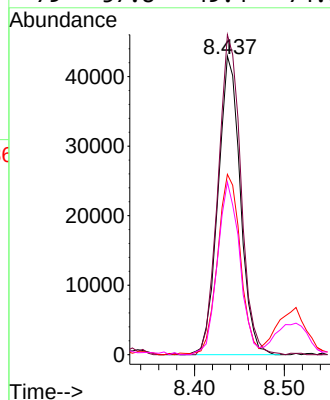
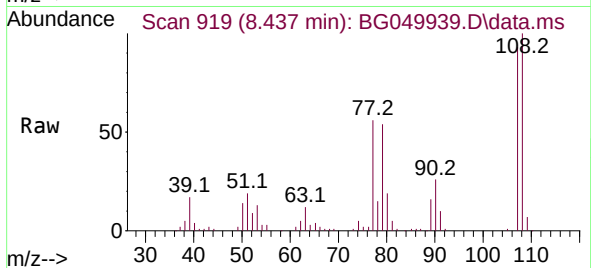




#17
2-Methylphenol
Concen: 48.570 ng
RT: 8.437 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

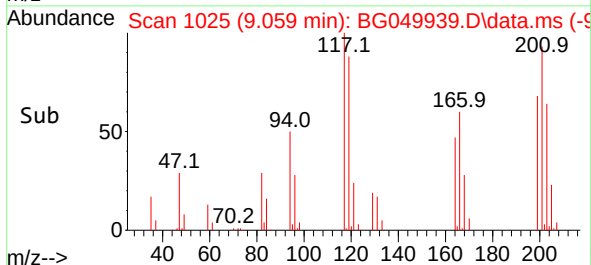
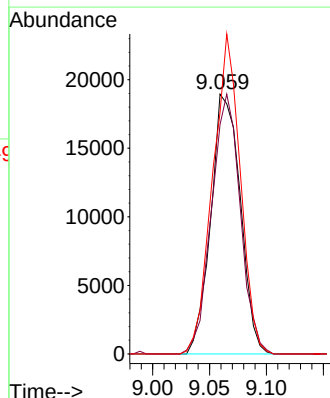
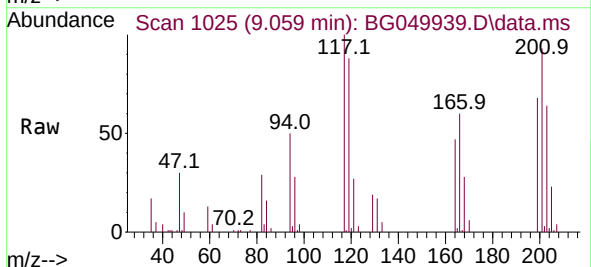
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

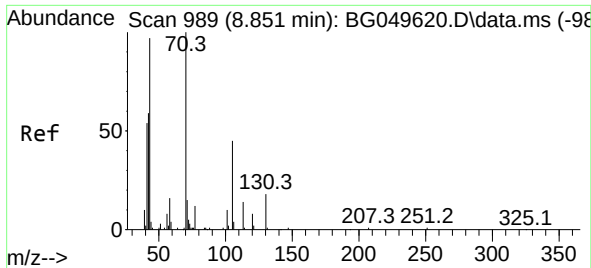
Tgt Ion:	107	Resp:	73914
Ion	Ratio	Lower	Upper
107	100		
108	107.2	84.6	127.0
77	60.4	50.7	76.1
79	57.8	49.4	74.0



#18
Hexachloroethane
Concen: 44.566 ng
RT: 9.059 min Scan# 1025
Delta R.T. -0.013 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:	117	Resp:	34117
Ion	Ratio	Lower	Upper
117	100		
119	88.3	74.4	111.6
201	92.9	88.6	133.0

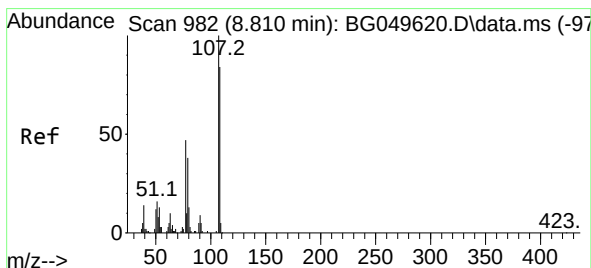
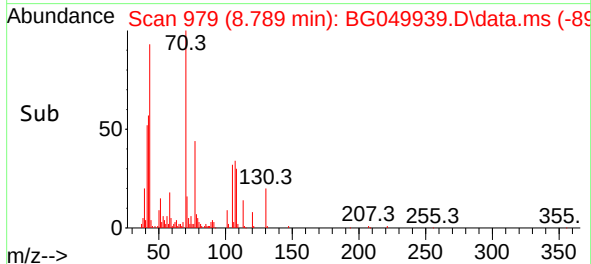
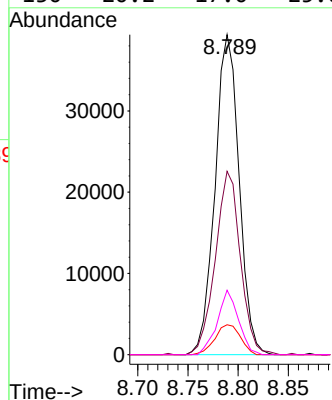
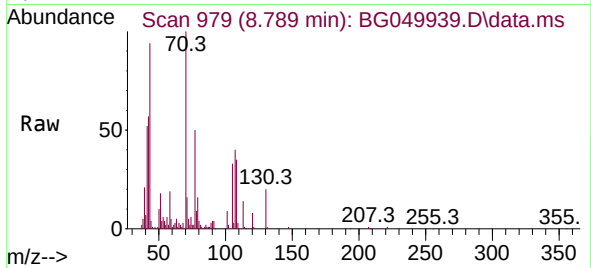




#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 8.789 min Scan# 979
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

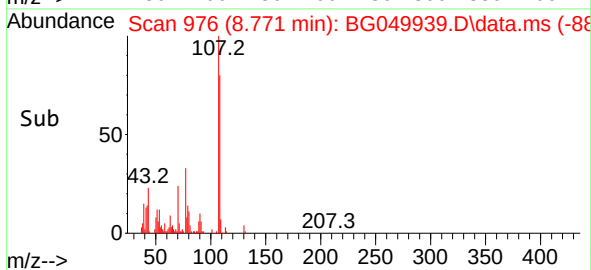
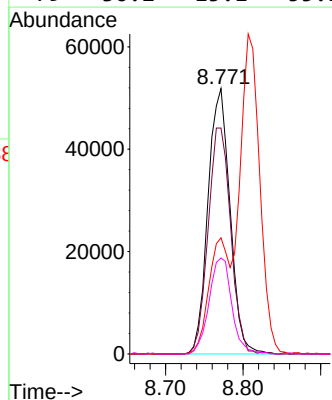
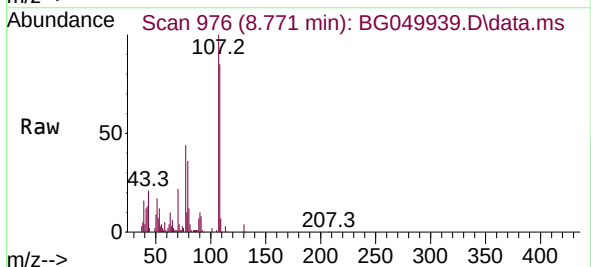
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

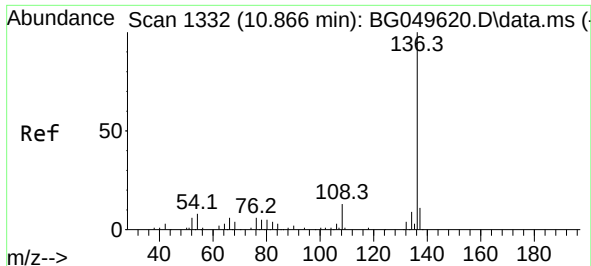
Tgt Ion: 70	Resp: 65600
Ion Ratio	Lower Upper
70 100	
42 57.3	54.5 81.7
101 9.3	9.0 13.6
130 20.2	17.0 25.6



#20
3+4-Methylphenols
Concen: 47.923 ng
RT: 8.771 min Scan# 976
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 107	Resp: 102423
Ion Ratio	Lower Upper
107 100	
108 85.1	69.3 109.3
77 43.7	25.2 65.2
79 36.2	15.1 55.1

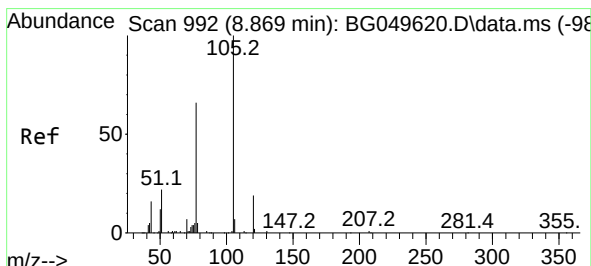
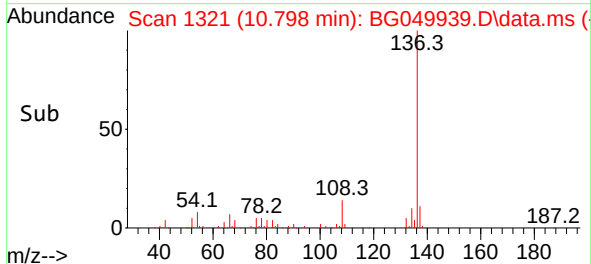
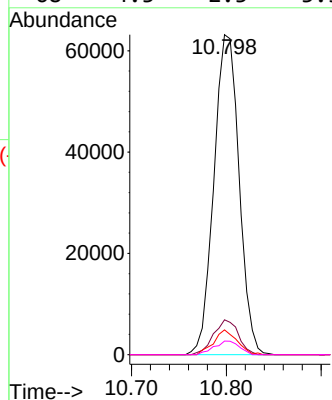
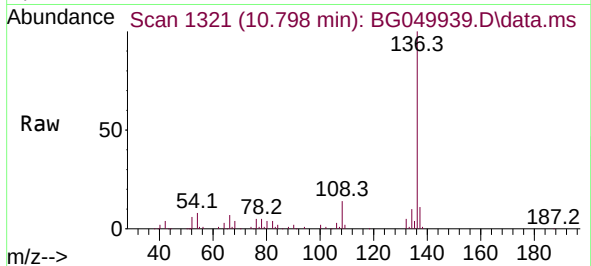




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. -0.013 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

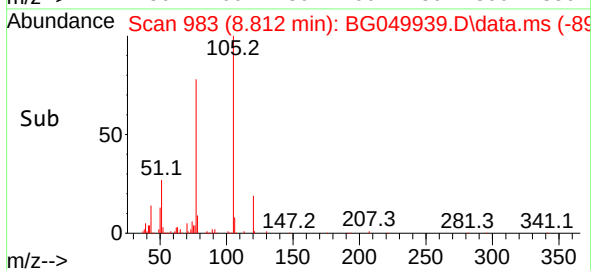
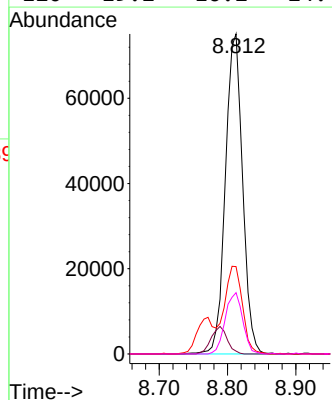
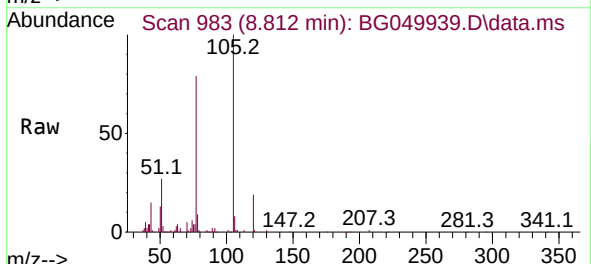
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

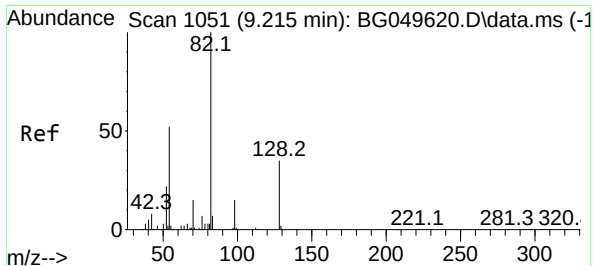
Tgt Ion:	136	Resp:	116550
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	7.7	5.5	8.3
68	4.3	2.3	3.5#



#22
Acetophenone
Concen: 41.595 ng
RT: 8.812 min Scan# 983
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:	105	Resp:	131707
Ion Ratio	Lower	Upper	
105	100		
71	0.9	0.6	0.8#
51	27.3	26.6	40.0
120	19.2	16.2	24.4





#23

Nitrobenzene-d5

Concen: 65.005 ng

RT: 9.153 min Scan# 1041

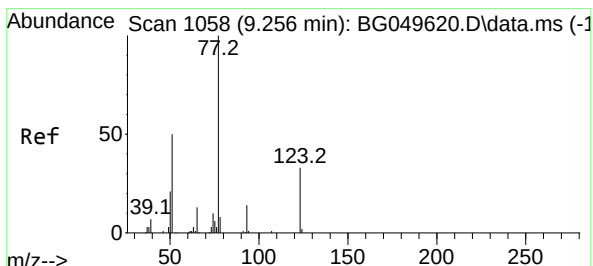
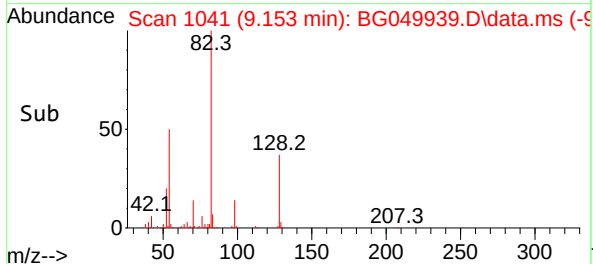
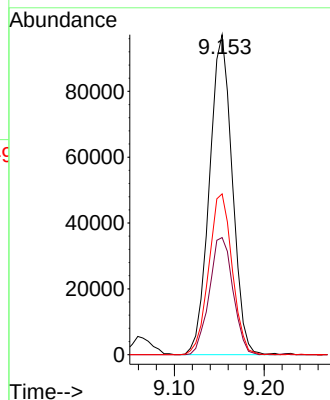
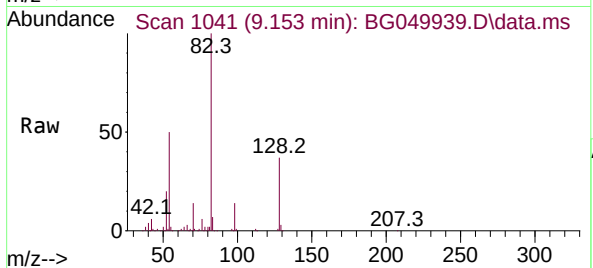
Delta R.T. -0.008 min

Lab File: BG049939.D

Acq: 23 Aug 2021 18:52

Tgt Ion: 82 Resp: 171212

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.8	44.6
54	50.2	45.8	68.8



#24

Nitrobenzene

Concen: 38.494 ng

RT: 9.194 min Scan# 1048

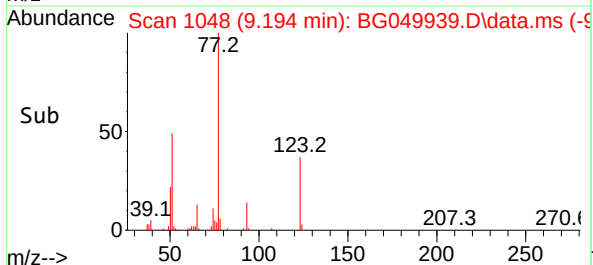
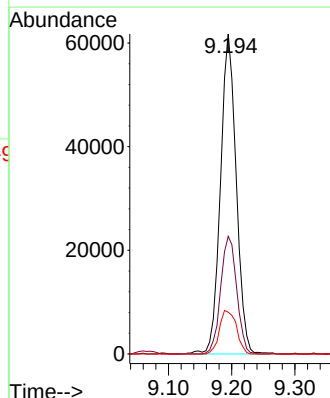
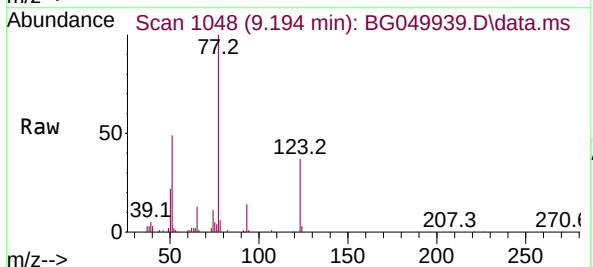
Delta R.T. -0.008 min

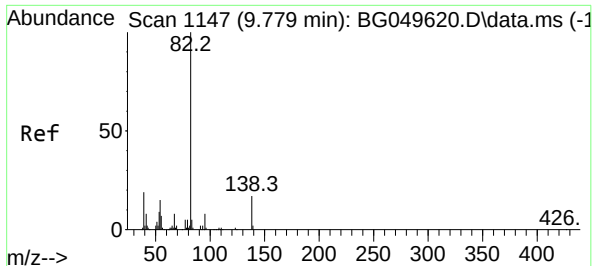
Lab File: BG049939.D

Acq: 23 Aug 2021 18:52

Tgt Ion: 77 Resp: 106984

Ion	Ratio	Lower	Upper
77	100		
123	36.7	27.5	41.3
65	13.1	12.6	18.8

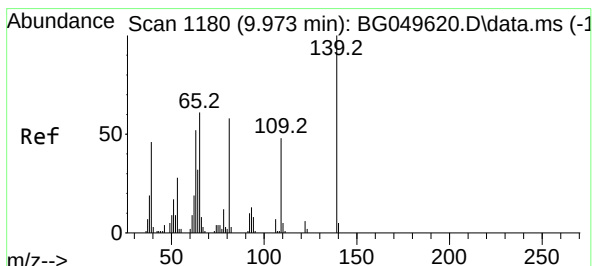
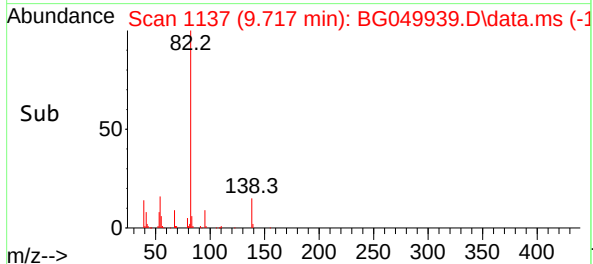
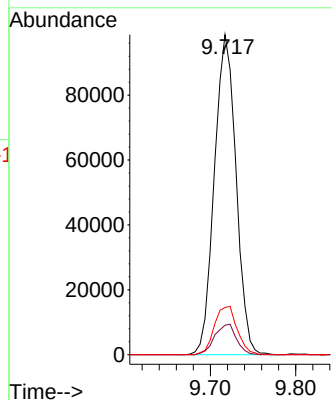
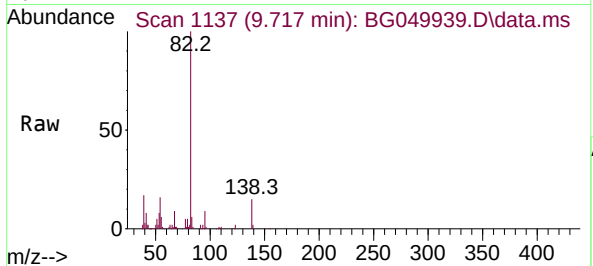




#25
Isophorone
Concen: 37.075 ng
RT: 9.717 min Scan# 1137
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

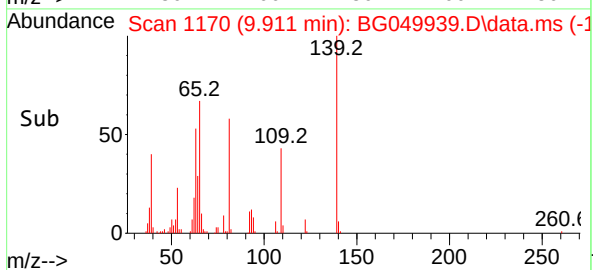
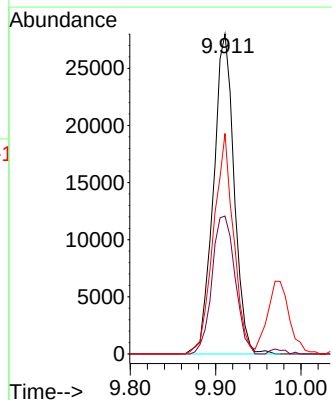
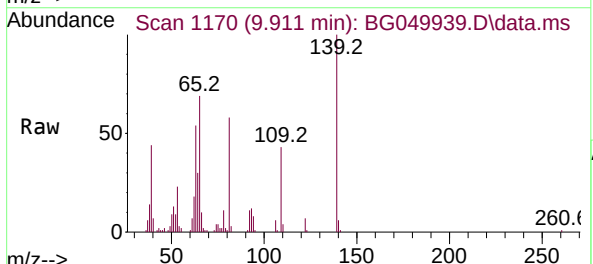
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

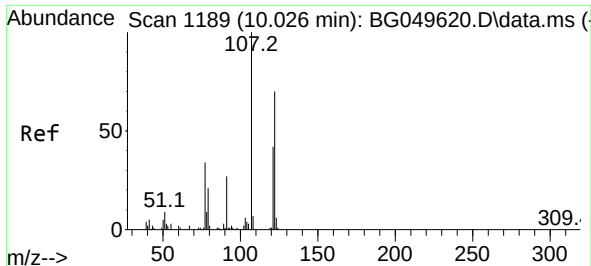
Tgt Ion: 82	Resp: 174247
Ion Ratio	Lower Upper
82 100	
95 9.2	8.5 12.7
138 14.8	11.8 17.6



#26
2-Nitrophenol
Concen: 44.480 ng
RT: 9.911 min Scan# 1170
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 139	Resp: 47177
Ion Ratio	Lower Upper
139 100	
109 43.1	37.8 56.6
65 68.9	51.8 77.8

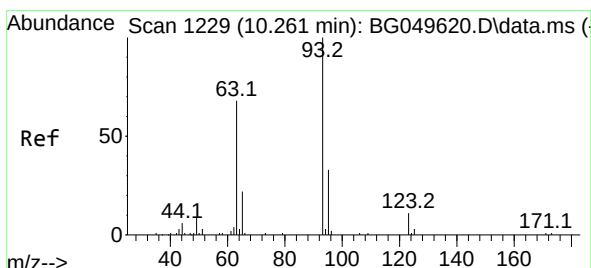
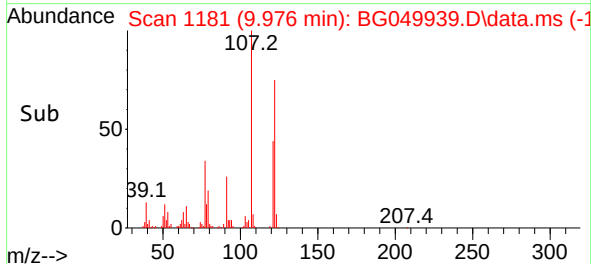
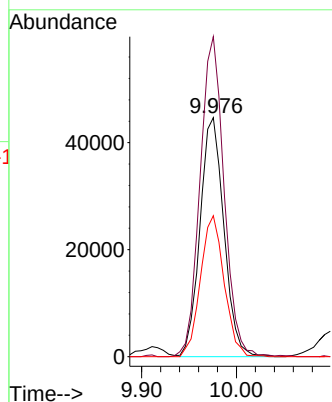
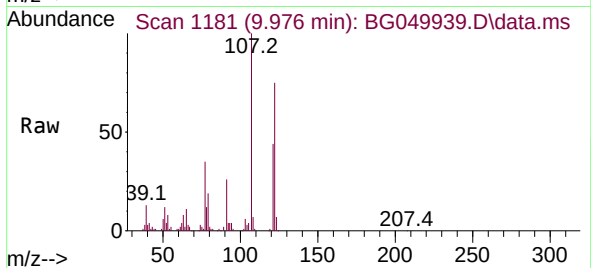




#27
2,4-Dimethylphenol
Concen: 49.905 ng
RT: 9.976 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

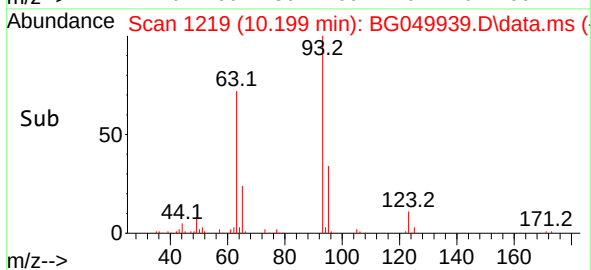
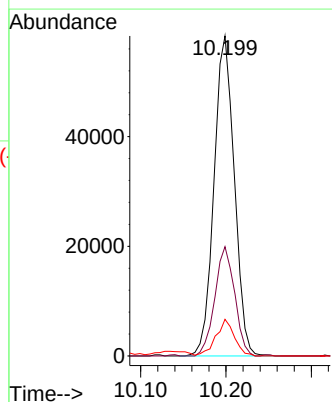
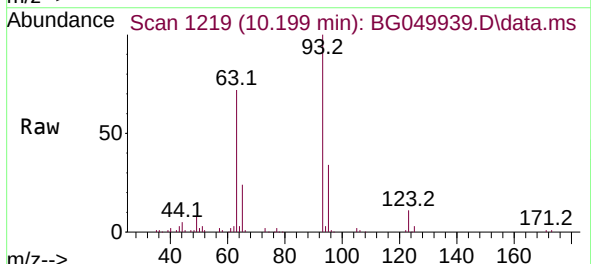
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

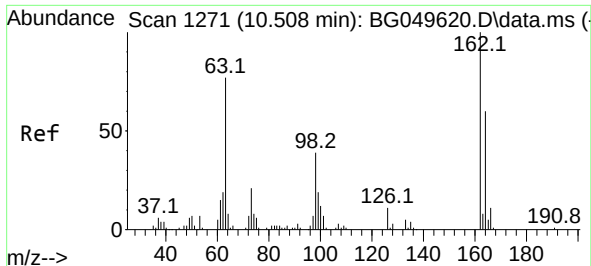
Tgt Ion:122 Resp: 78233
Ion Ratio Lower Upper
122 100
107 133.8 110.1 165.1
121 59.0 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.947 ng
RT: 10.199 min Scan# 1219
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 93 Resp: 96520
Ion Ratio Lower Upper
93 100
95 34.2 22.2 33.4#
123 11.5 8.8 13.2

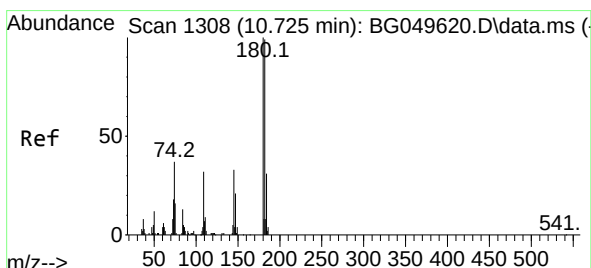
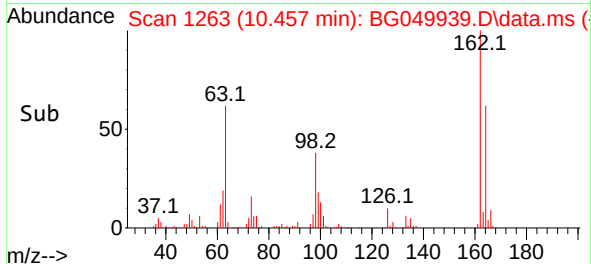
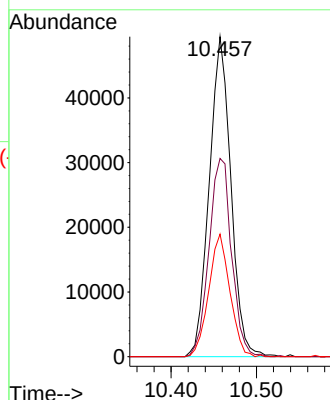
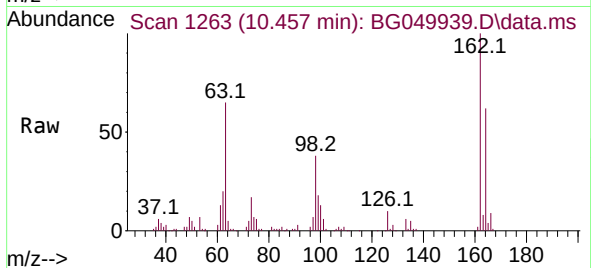




#29
2,4-Dichlorophenol
Concen: 45.246 ng
RT: 10.457 min Scan# 1263
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

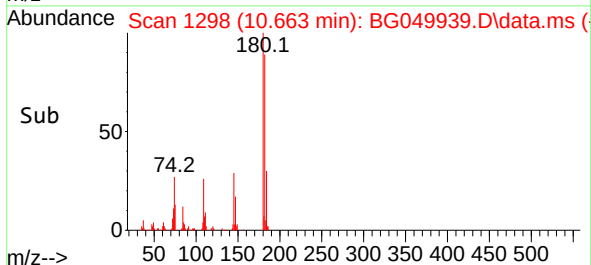
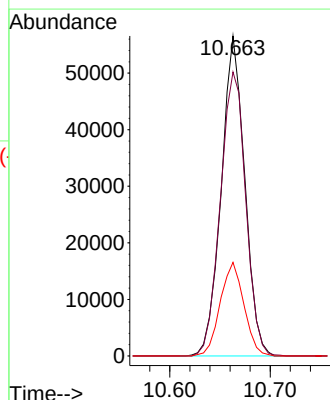
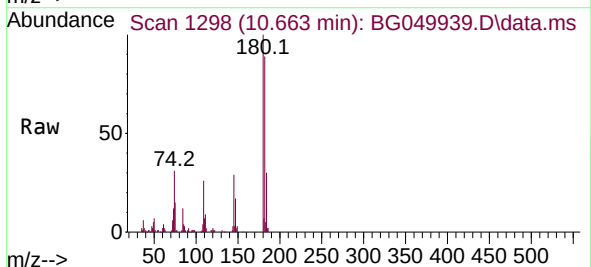
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

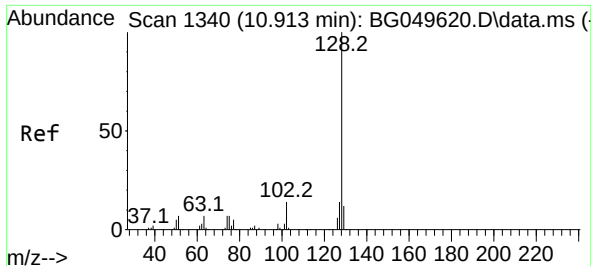
Tgt Ion:162 Resp: 87040
Ion Ratio Lower Upper
162 100
164 61.9 39.4 79.4
98 38.3 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 43.359 ng
RT: 10.663 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:180 Resp: 91840
Ion Ratio Lower Upper
180 100
182 88.7 78.9 118.3
145 29.3 26.2 39.4

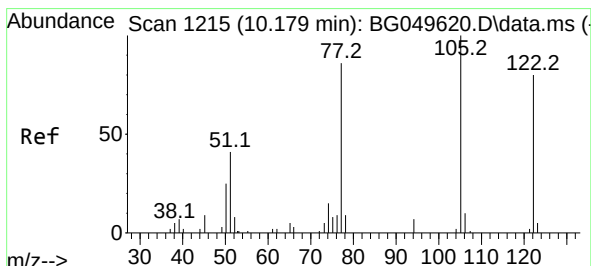
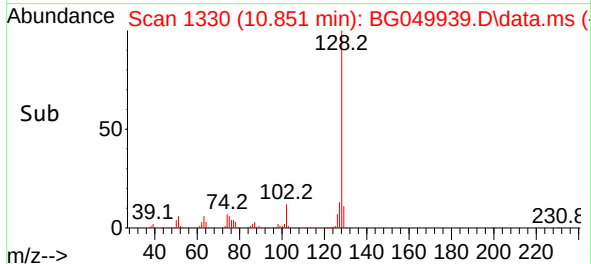
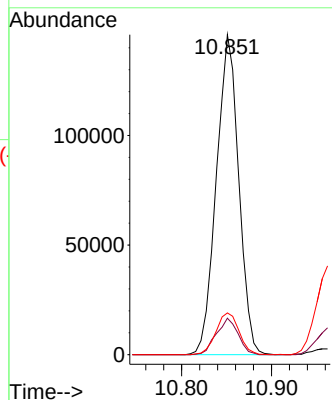
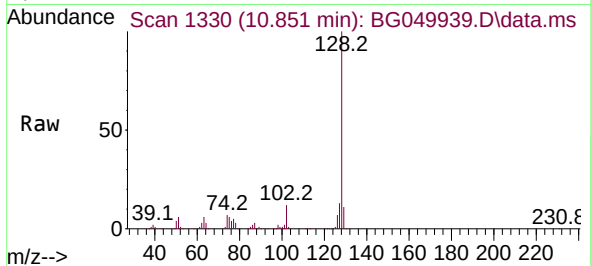




#31
Naphthalene
Concen: 41.328 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

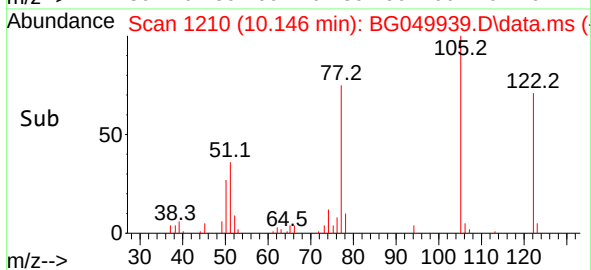
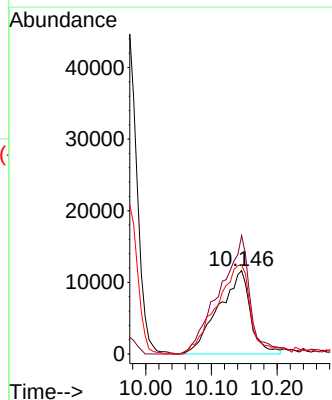
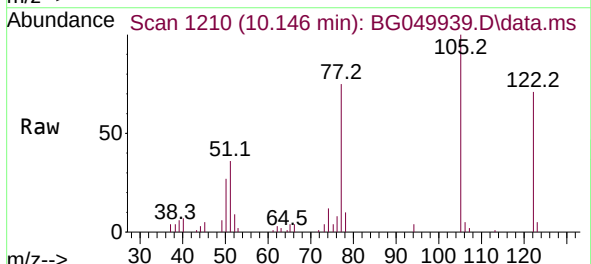
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

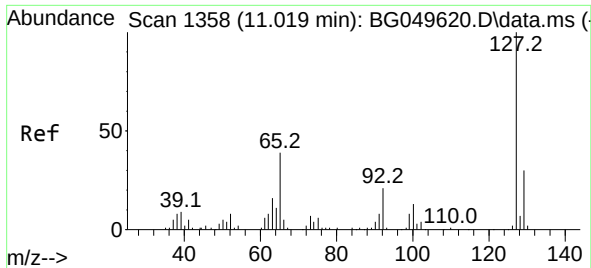
Tgt Ion:128 Resp: 252261
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 36.732 ng
RT: 10.146 min Scan# 1210
Delta R.T. 0.010 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:122 Resp: 39228
Ion Ratio Lower Upper
122 100
105 141.8 92.3 132.3#
77 106.7 66.5 106.5#

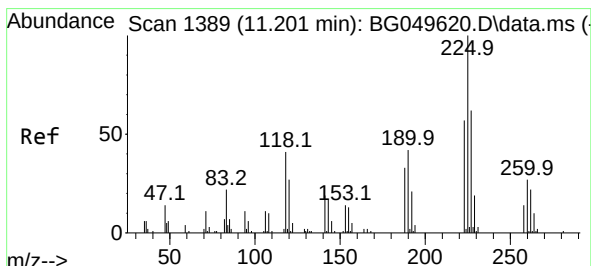
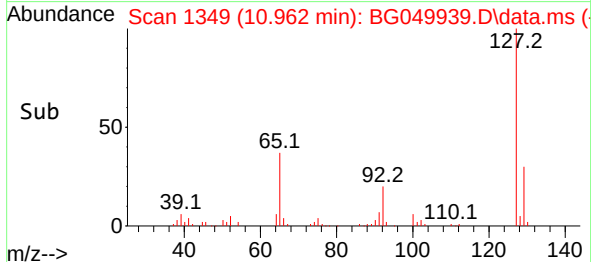
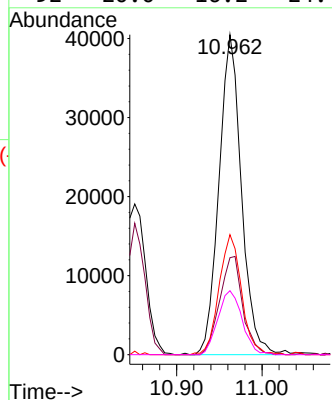
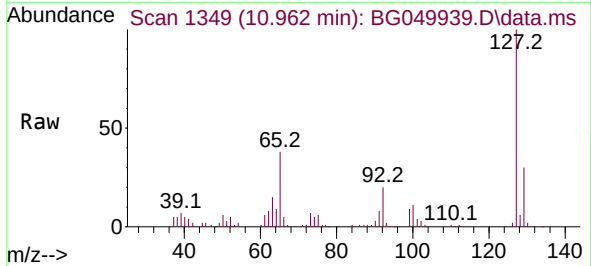




#33
4-Chloroaniline
Concen: 30.669 ng
RT: 10.962 min Scan# 1349
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

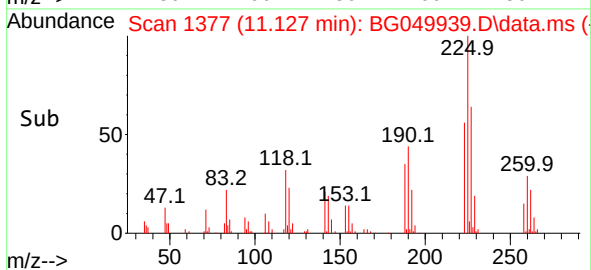
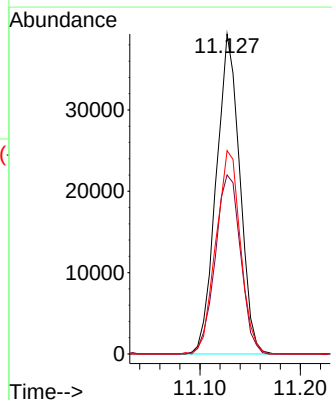
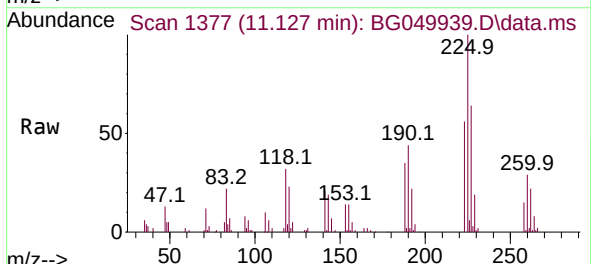
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

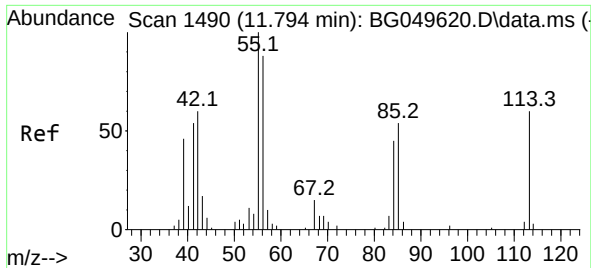
Tgt Ion:127	Resp:	73907
Ion Ratio	Lower	Upper
127	100	
129	30.3	26.7 40.1
65	37.5	32.8 49.2
92	20.0	16.2 24.4



#34
Hexachlorobutadiene
Concen: 41.618 ng
RT: 11.127 min Scan# 1377
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:225	Resp:	64060
Ion Ratio	Lower	Upper
225	100	
223	55.9	49.8 74.8
227	63.6	46.4 69.6

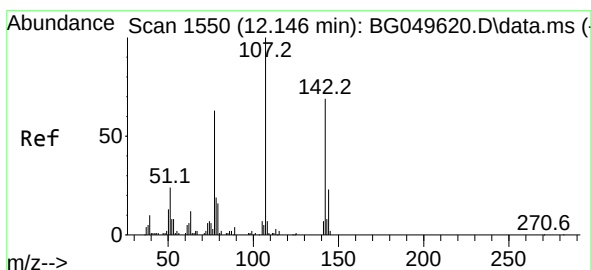
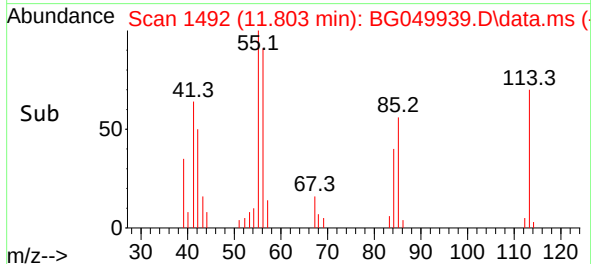
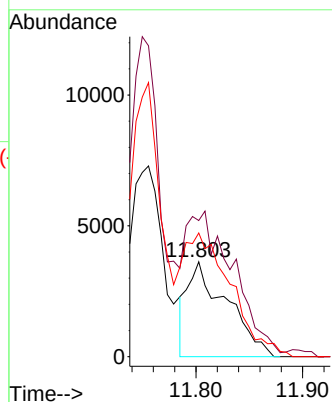
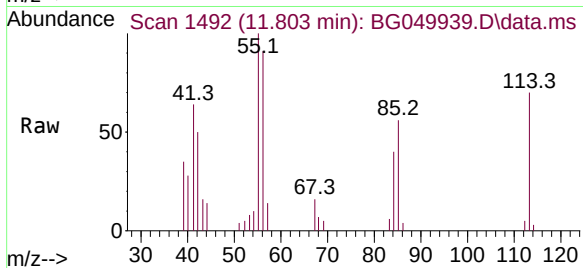




#35
 Caprolactam
 Concen: 15.710 ng
 RT: 11.803 min Scan# 1492
 Delta R.T. 0.051 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

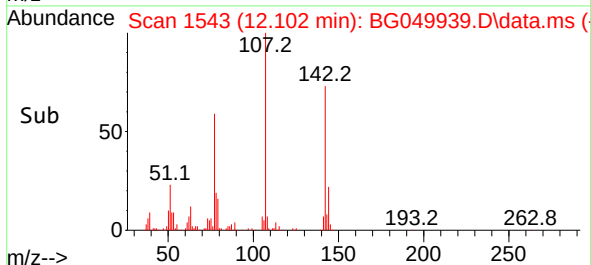
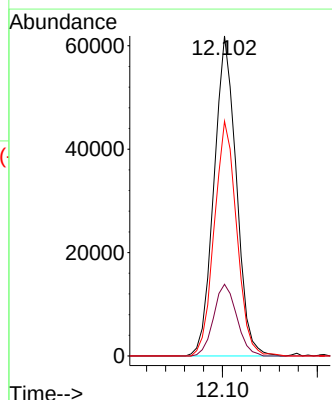
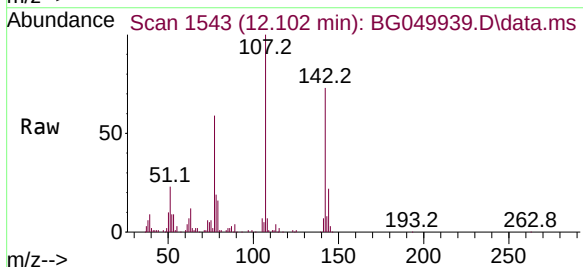
Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMSD

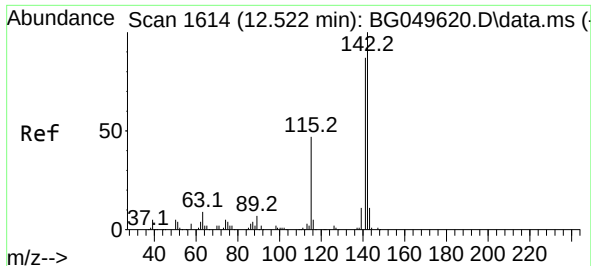
Tgt Ion:113 Resp: 9338
 Ion Ratio Lower Upper
 113 100
 55 143.5 113.8 153.8
 56 130.4 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.553 ng
 RT: 12.102 min Scan# 1543
 Delta R.T. -0.008 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

Tgt Ion:107 Resp: 101223
 Ion Ratio Lower Upper
 107 100
 144 22.4 24.8 37.2#
 142 73.3 62.2 93.4

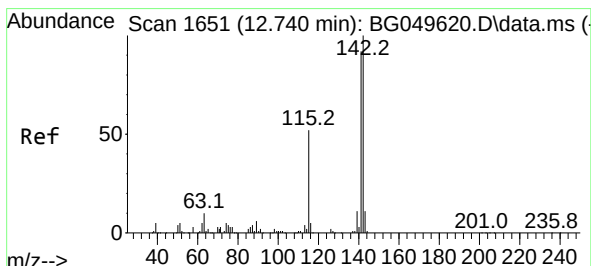
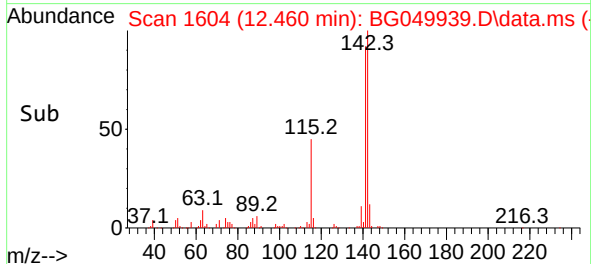
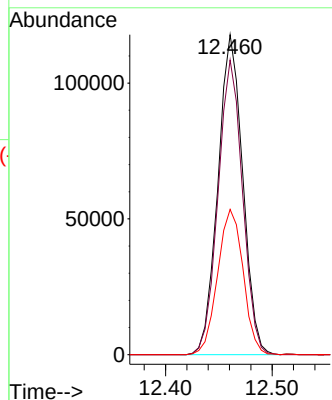
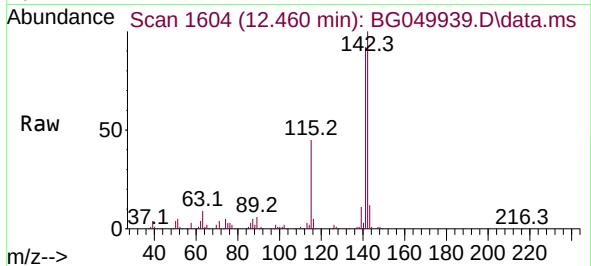




#37
2-Methylnaphthalene
Concen: 41.337 ng
RT: 12.460 min Scan# 1604
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

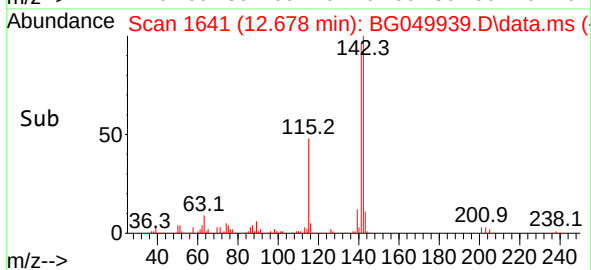
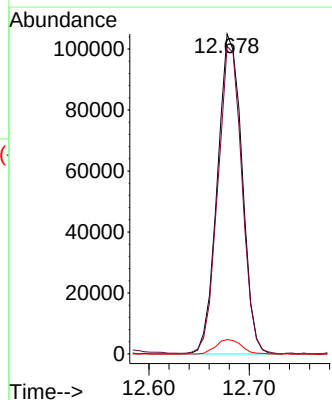
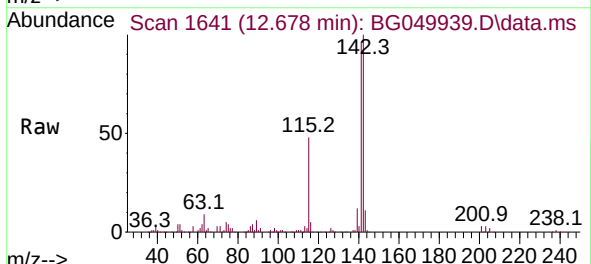
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

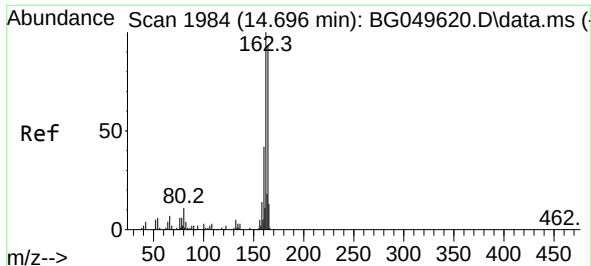
Tgt Ion:142 Resp: 190073
Ion Ratio Lower Upper
142 100
141 92.1 68.8 103.2
115 45.4 36.4 54.6



#38
1-Methylnaphthalene
Concen: 41.206 ng
RT: 12.678 min Scan# 1641
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:142 Resp: 178074
Ion Ratio Lower Upper
142 100
141 96.1 70.6 106.0
116 4.5 4.0 6.0

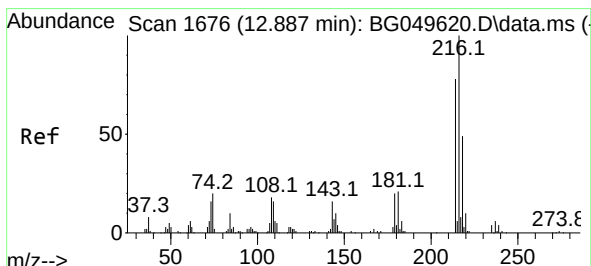
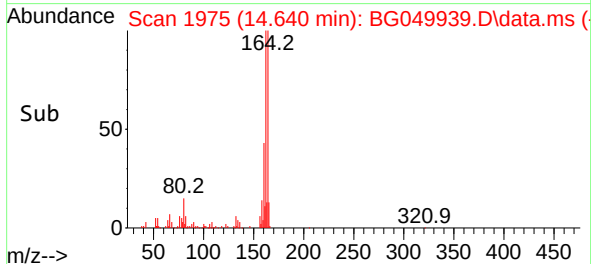
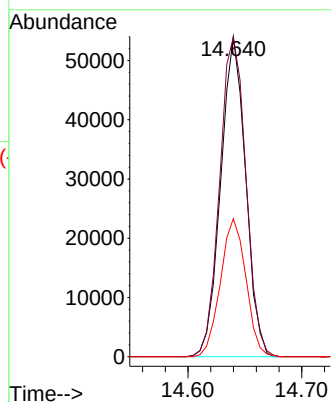
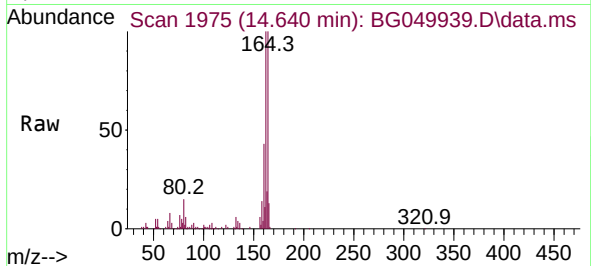




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.640 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

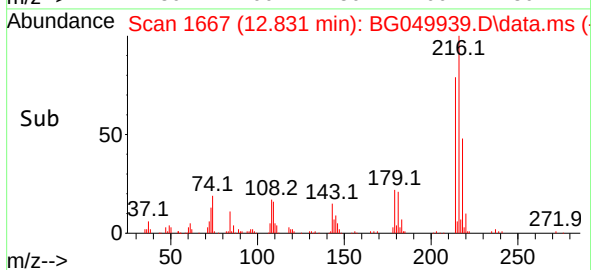
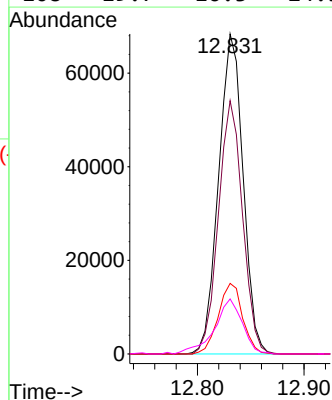
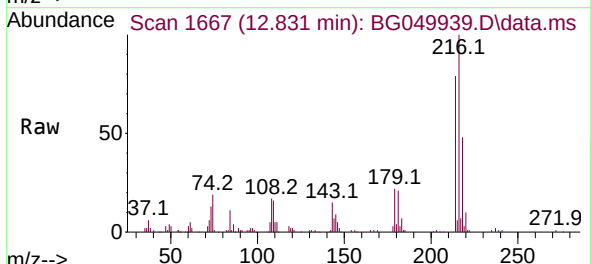
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

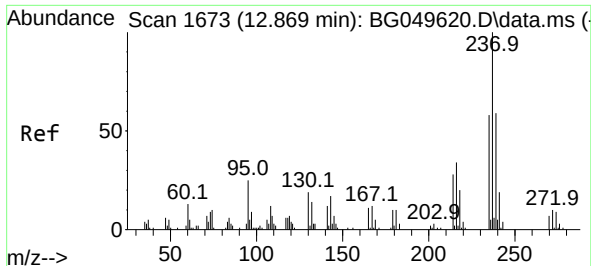
Tgt Ion:164 Resp: 82137
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.938 ng
RT: 12.831 min Scan# 1667
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:216 Resp: 108757
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 21.9 17.3 25.9
108 19.7 16.3 24.5

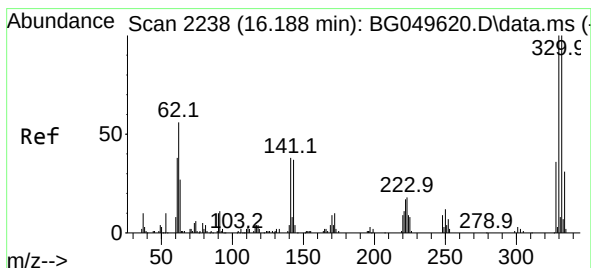
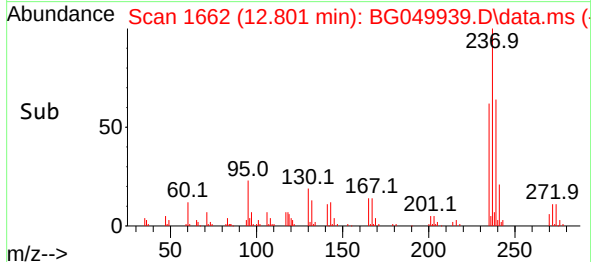
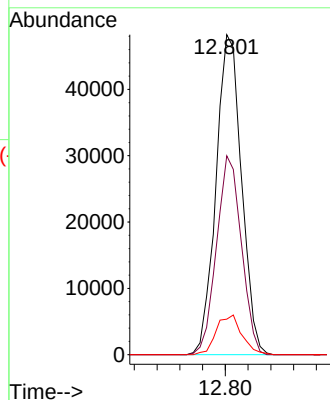
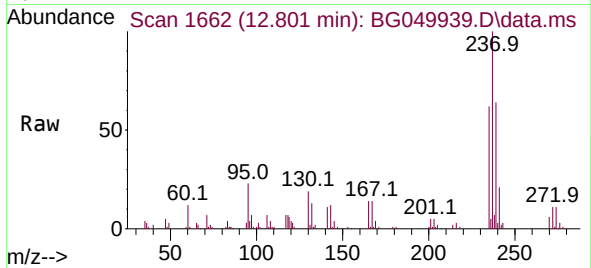




#41
Hexachlorocyclopentadiene
Concen: 58.714 ng
RT: 12.801 min Scan# 1662
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

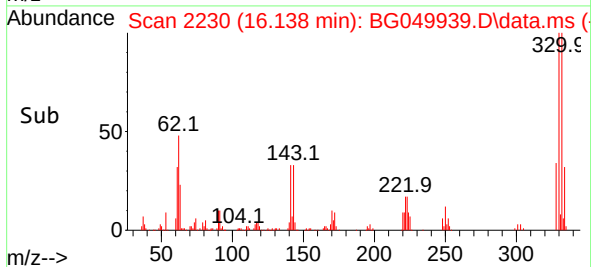
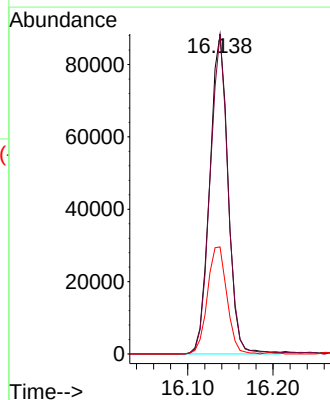
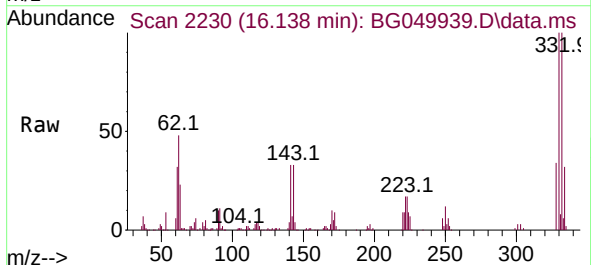
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

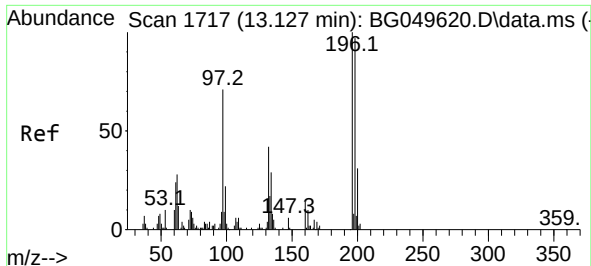
Tgt Ion:237 Resp: 75206
Ion Ratio Lower Upper
237 100
235 62.1 36.6 76.6
272 11.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 109.595 ng
RT: 16.138 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:330 Resp: 132315
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.5 35.6 53.4#

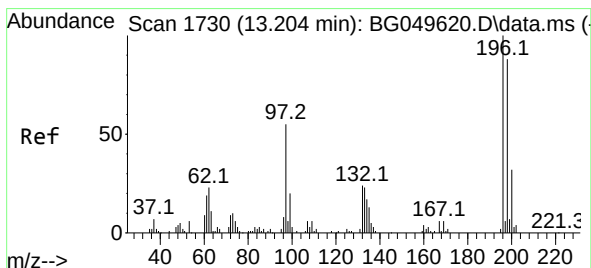
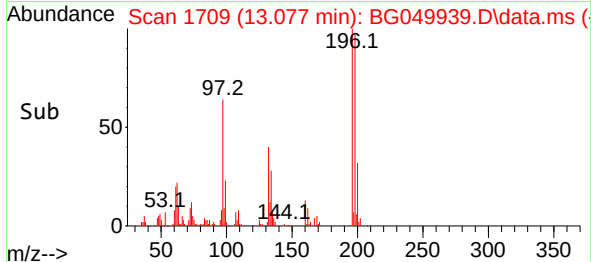
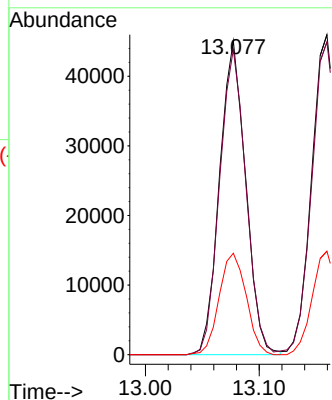
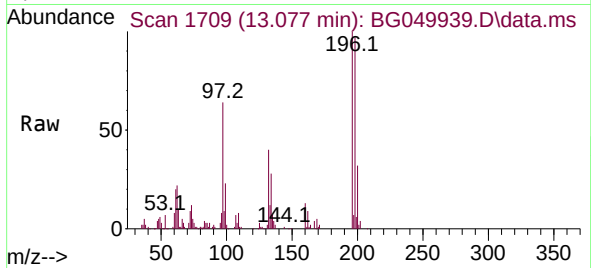




#43
2,4,6-Trichlorophenol
Concen: 44.101 ng
RT: 13.077 min Scan# 1709
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

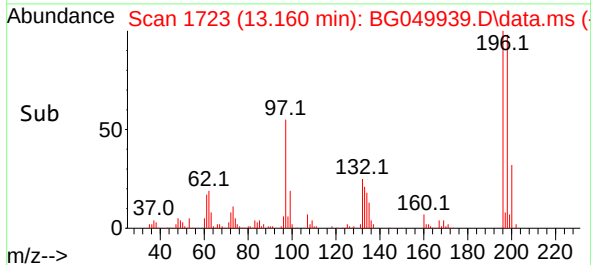
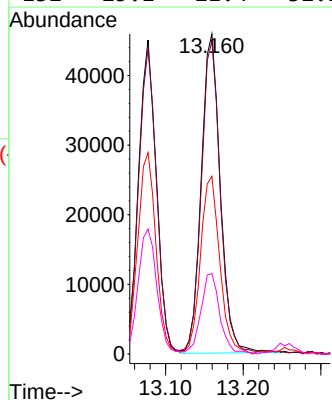
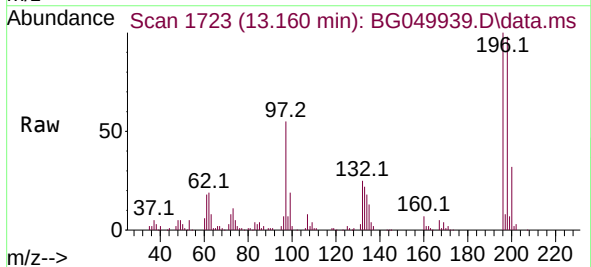
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

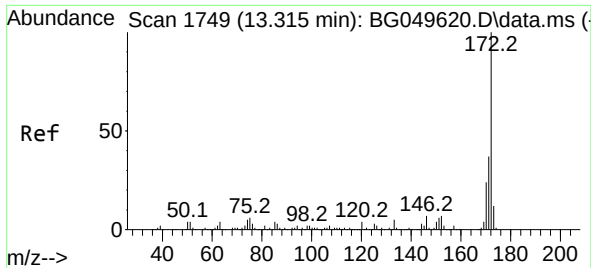
Tgt Ion:196	Resp:	71954
Ion Ratio	Lower	Upper
196	100	
198	97.3	82.1 123.1
200	32.3	23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 44.228 ng
RT: 13.160 min Scan# 1723
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:196	Resp:	78286
Ion Ratio	Lower	Upper
196	100	
198	97.7	87.4 131.0
97	55.5	43.3 64.9
132	25.1	21.4 32.2

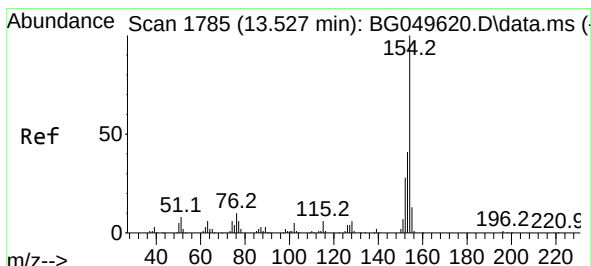
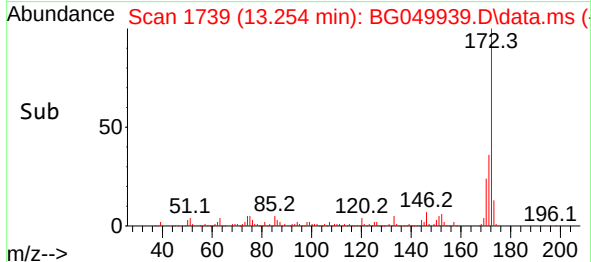
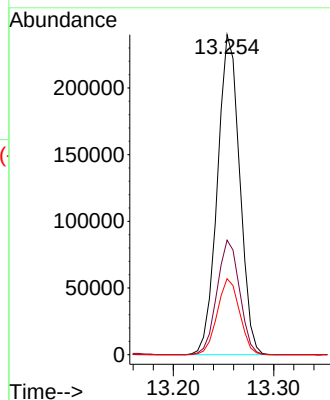
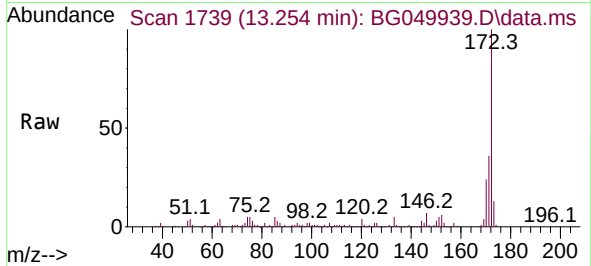




#45
2-Fluorobiphenyl
Concen: 65.423 ng
RT: 13.254 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

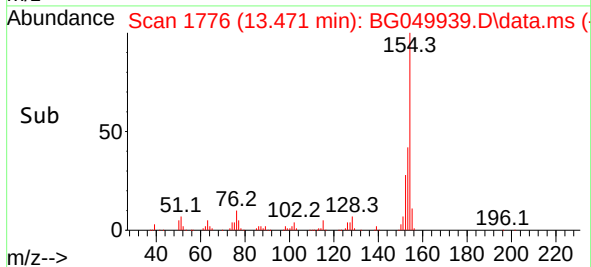
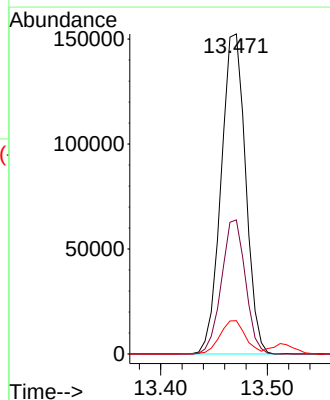
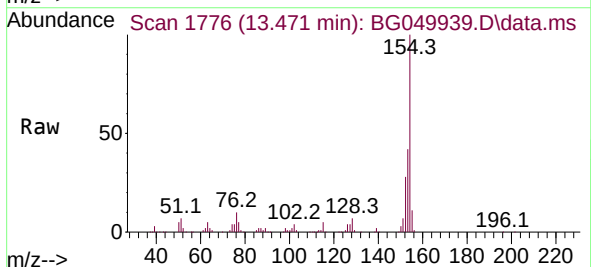
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

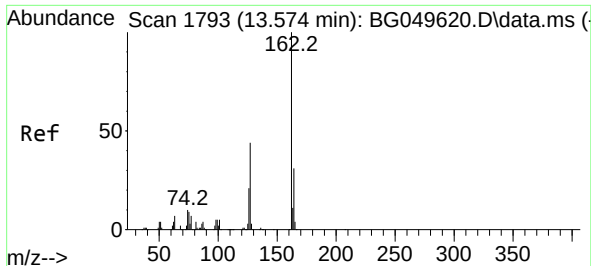
Tgt Ion:172 Resp: 369306
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.514 ng
RT: 13.471 min Scan# 1776
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:154 Resp: 242860
Ion Ratio Lower Upper
154 100
153 41.9 20.5 60.5
76 10.4 0.0 29.3

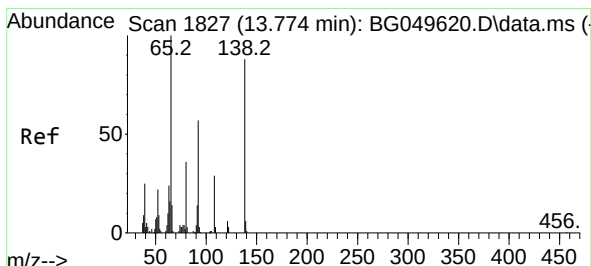
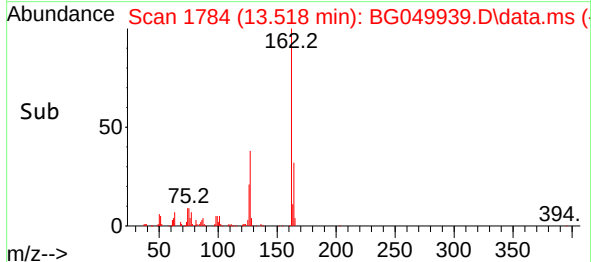
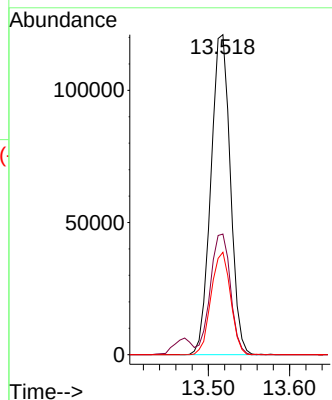
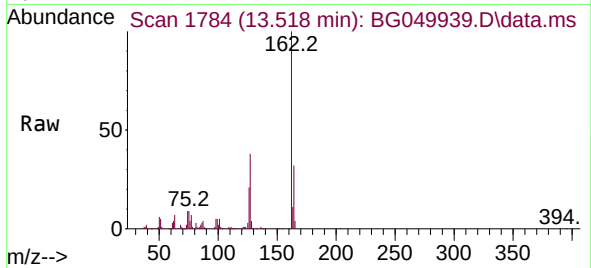




#47
2-Chloronaphthalene
Concen: 42.944 ng
RT: 13.518 min Scan# 1784
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

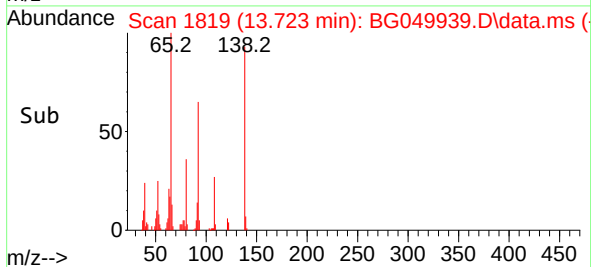
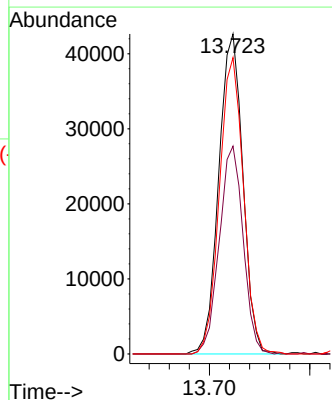
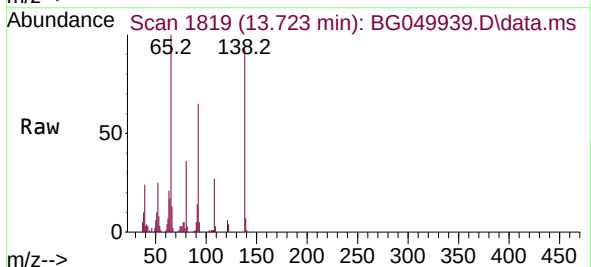
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

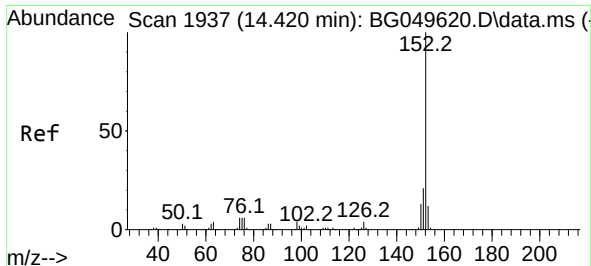
Tgt Ion:162 Resp: 200654
Ion Ratio Lower Upper
162 100
127 37.7 32.7 49.1
164 32.0 27.0 40.4



#48
2-Nitroaniline
Concen: 41.391 ng
RT: 13.723 min Scan# 1819
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

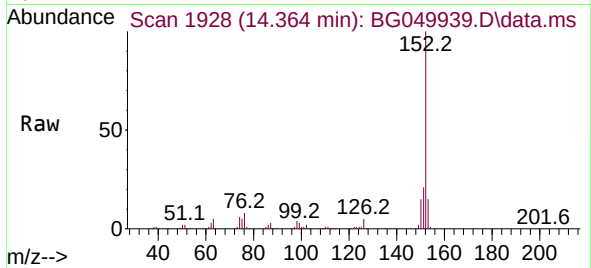
Tgt Ion: 65 Resp: 71014
Ion Ratio Lower Upper
65 100
92 64.9 47.2 70.8
138 92.6 68.0 102.0



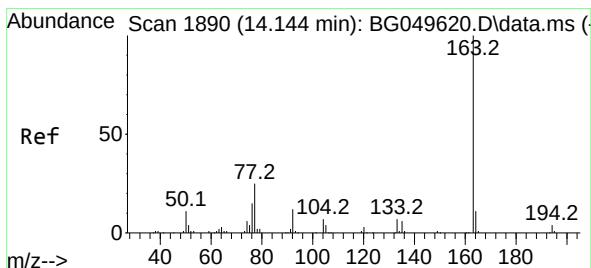
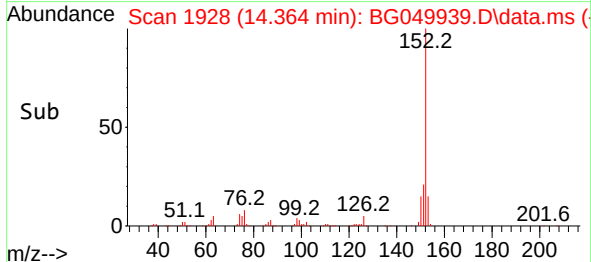
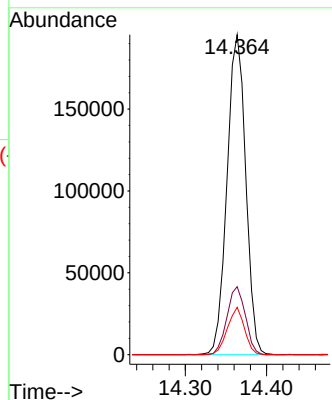


#49
Acenaphthylene
Concen: 42.188 ng
RT: 14.364 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

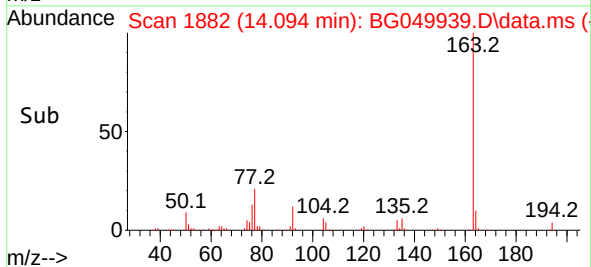
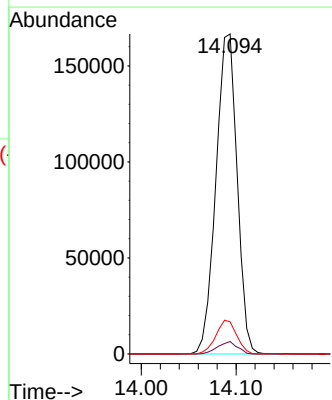
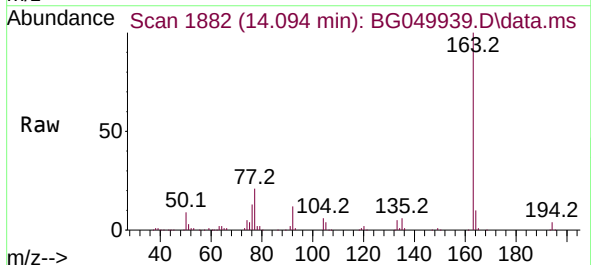


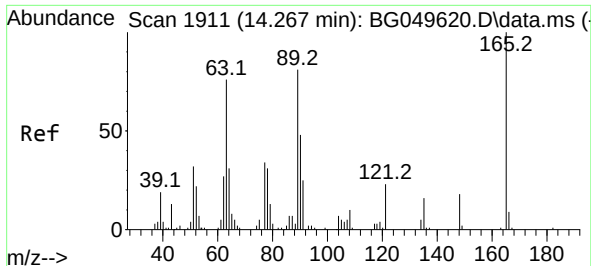
Tgt Ion:152 Resp: 312433
Ion Ratio Lower Upper
152 100
151 21.2 18.2 27.4
153 14.8 11.7 17.5



#50
Dimethylphthalate
Concen: 41.760 ng
RT: 14.094 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:163 Resp: 258790
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.6 12.8

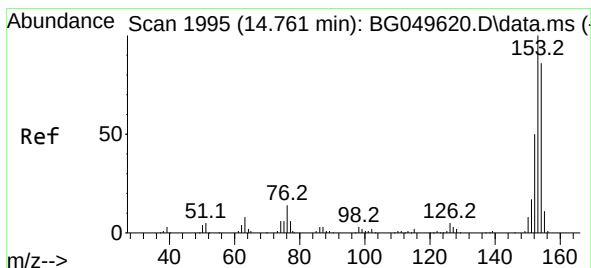
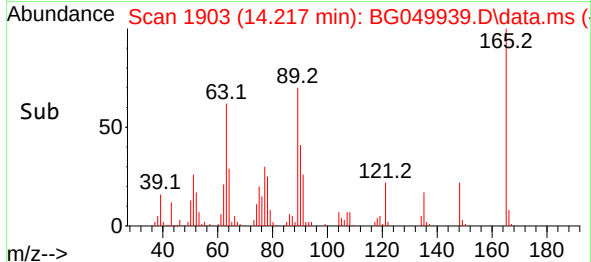
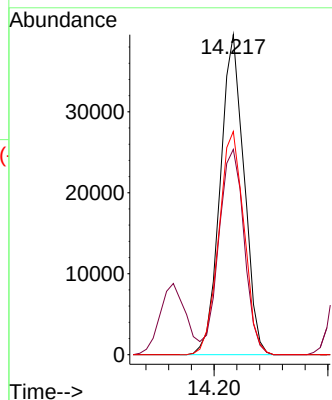
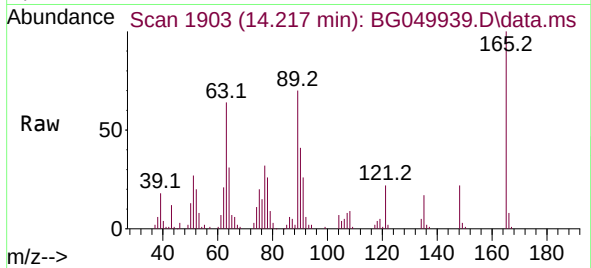




#51
2,6-Dinitrotoluene
Concen: 42.050 ng
RT: 14.217 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

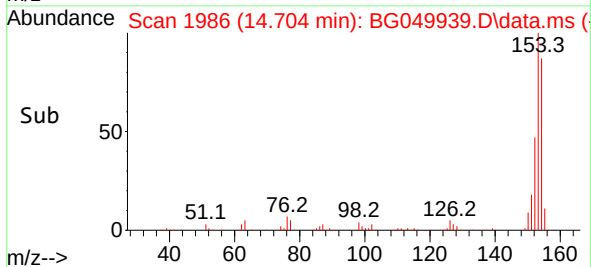
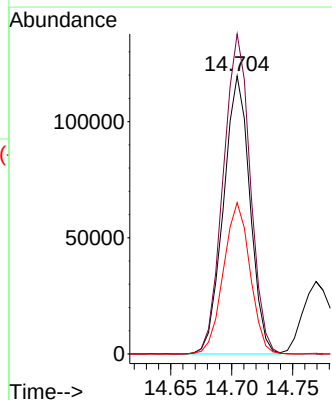
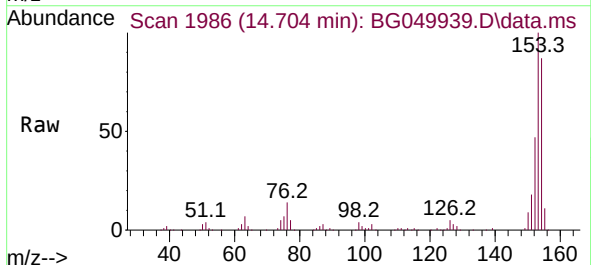
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

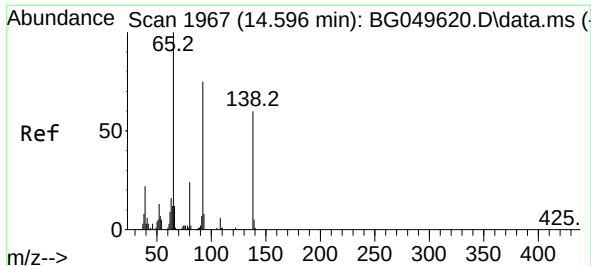
Tgt Ion:	165	Resp:	57375
Ion Ratio	Lower	Upper	
165	100		
63	64.1	63.3	94.9
89	69.7	63.4	95.0



#52
Acenaphthene
Concen: 40.605 ng
RT: 14.704 min Scan# 1986
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

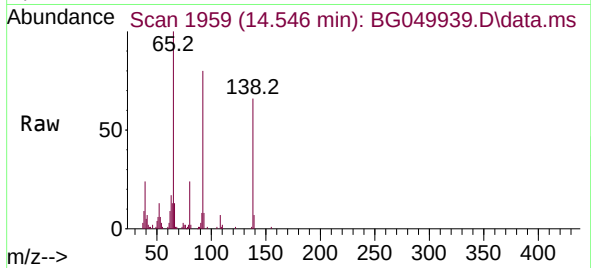
Tgt Ion:	154	Resp:	181146
Ion Ratio	Lower	Upper	
154	100		
153	115.1	87.0	130.4
152	54.5	40.1	60.1



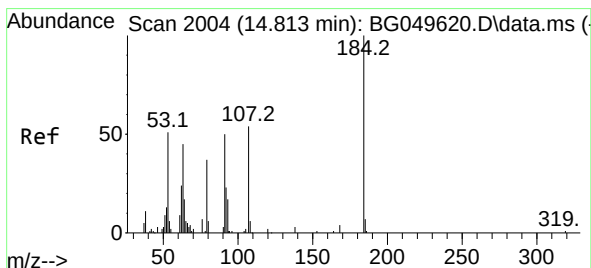
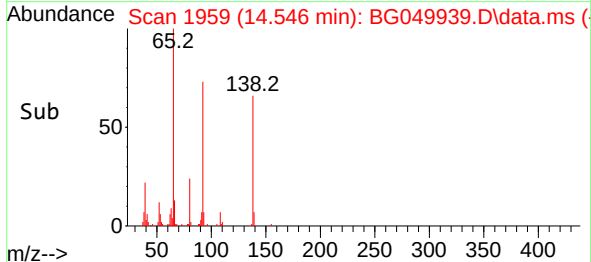
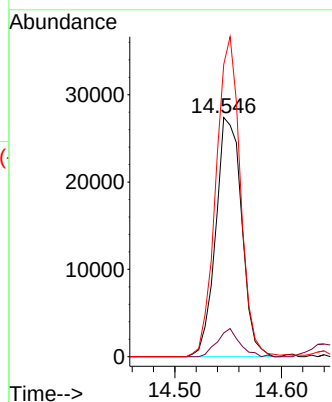


#53
3-Nitroaniline
Concen: 34.685 ng
RT: 14.546 min Scan# 1959
Delta R.T. -0.013 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

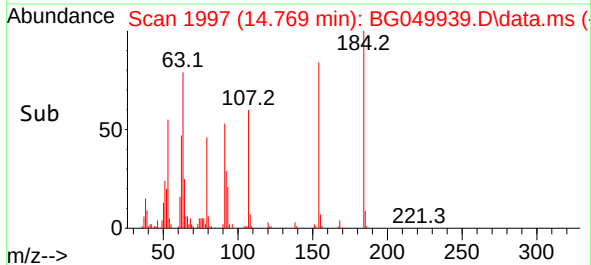
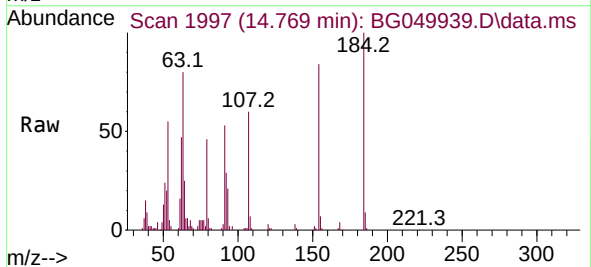
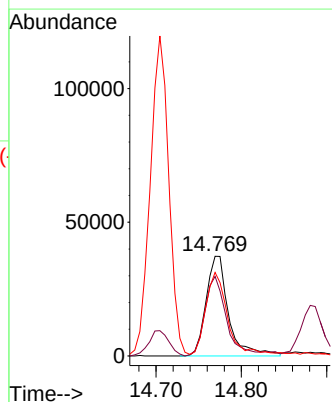


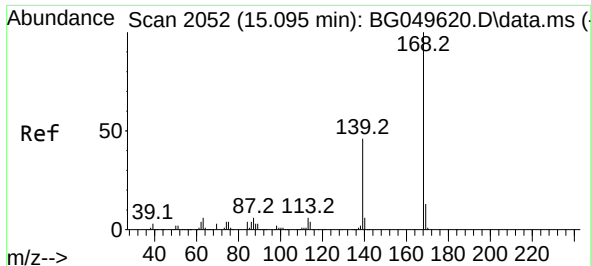
Tgt Ion:138 Resp: 46152
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 122.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 88.356 ng
RT: 14.769 min Scan# 1997
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:184 Resp: 68442
Ion Ratio Lower Upper
184 100
63 79.7 68.3 102.5
154 83.7 62.6 93.8

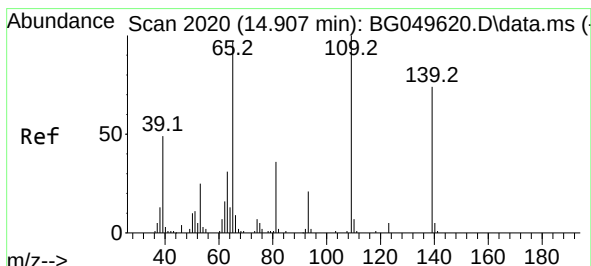
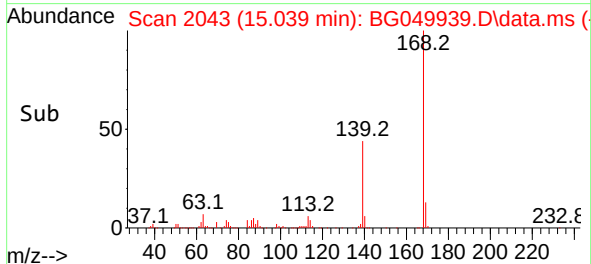
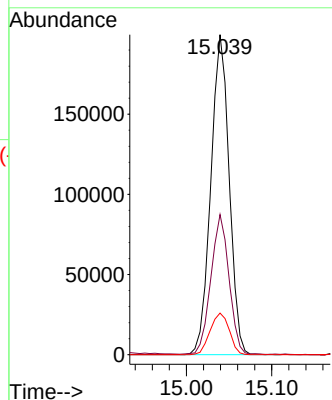
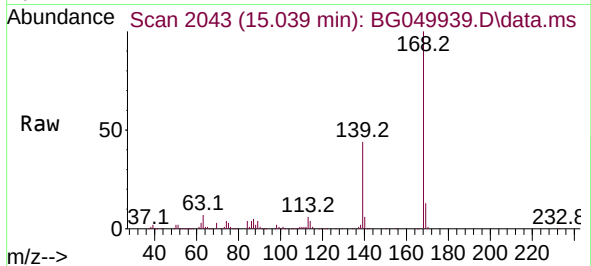




#55
Dibenzenofuran
Concen: 41.115 ng
RT: 15.039 min Scan# 2043
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

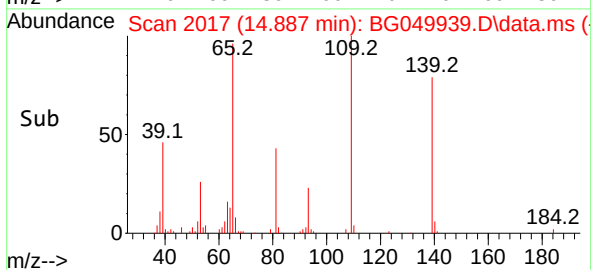
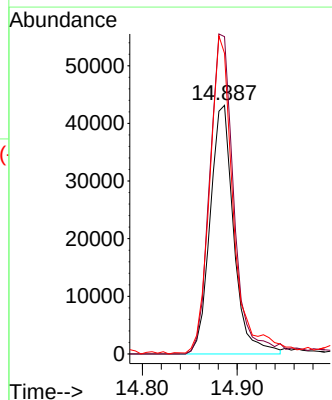
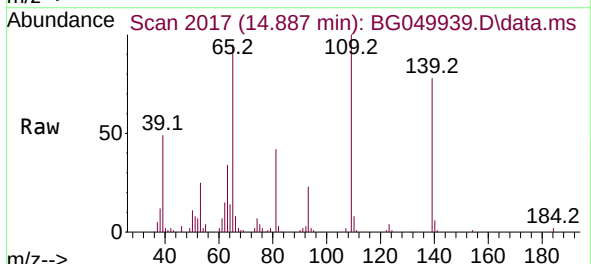
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

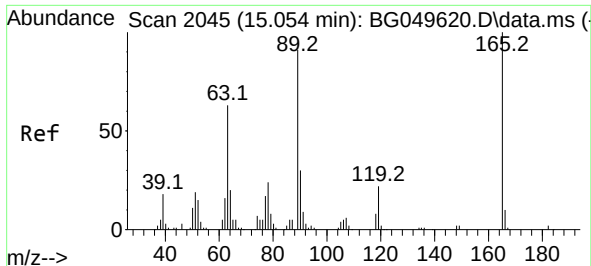
Tgt Ion:168 Resp: 297559
Ion Ratio Lower Upper
168 100
139 43.8 33.4 50.2
169 13.0 12.3 18.5



#56
4-Nitrophenol
Concen: 76.603 ng
RT: 14.887 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:139 Resp: 74466
Ion Ratio Lower Upper
139 100
109 127.6 116.3 156.3
65 120.9 105.0 145.0

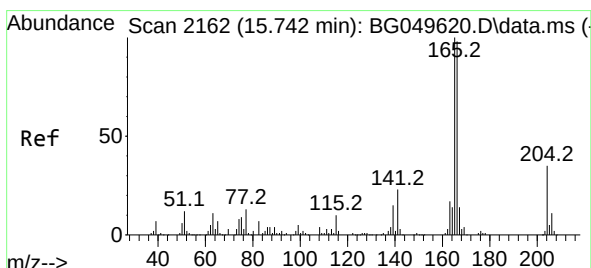
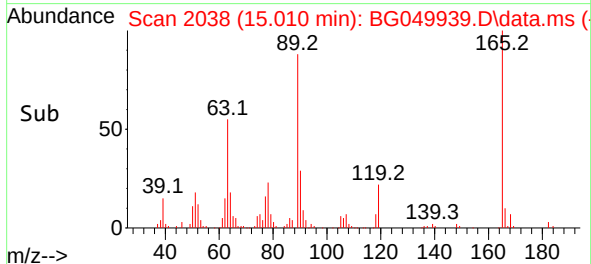
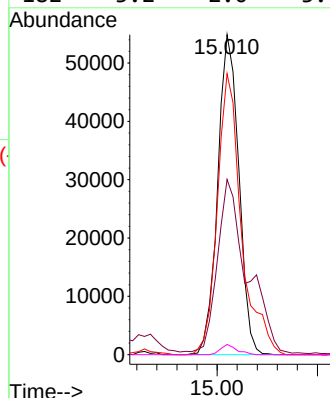
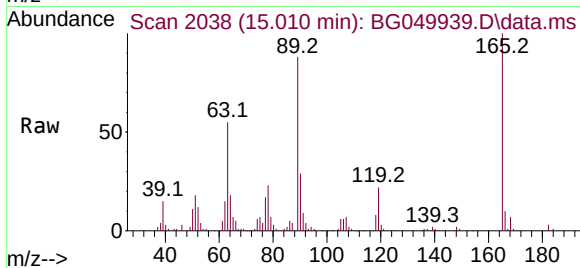




#57
2,4-Dinitrotoluene
Concen: 41.786 ng
RT: 15.010 min Scan# 2038
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

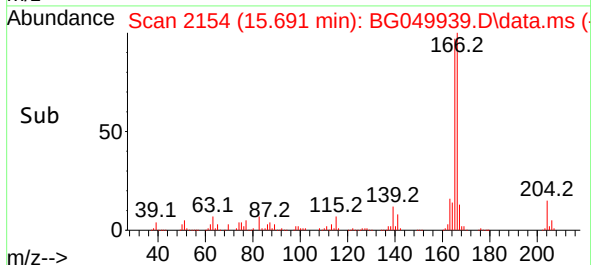
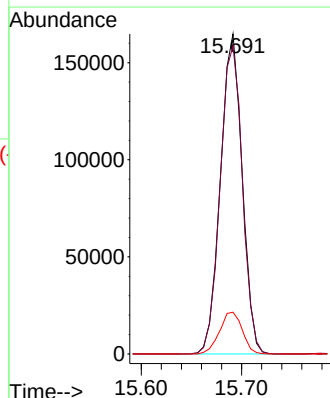
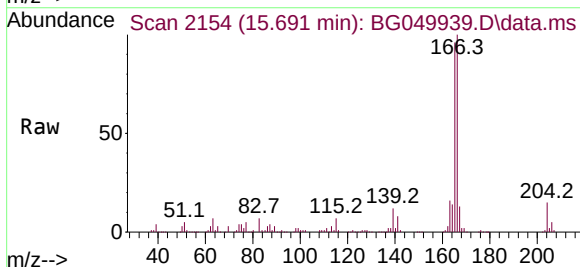
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

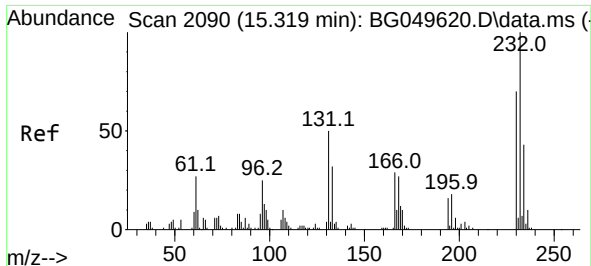
Tgt Ion:	165	Resp:	80079
Ion Ratio	Lower	Upper	
165	100		
63	54.7	48.0	72.0
89	87.8	65.4	98.0
182	3.2	2.0	3.0#



#58
Fluorene
Concen: 42.004 ng
RT: 15.691 min Scan# 2154
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:	166	Resp:	247082
Ion Ratio	Lower	Upper	
166	100		
165	96.2	77.7	116.5
167	13.1	10.8	16.2

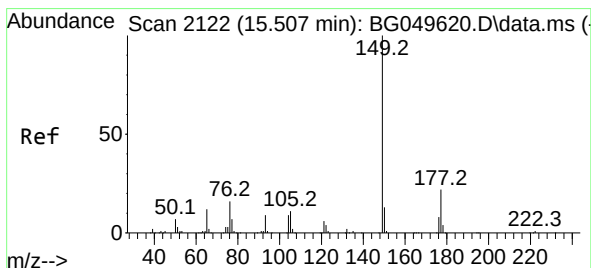
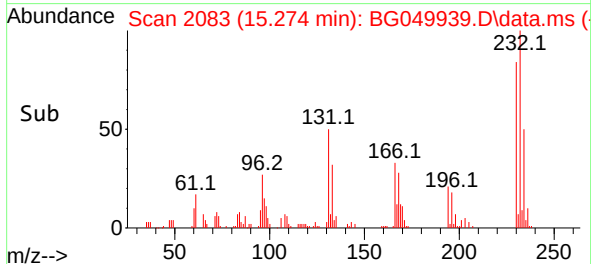
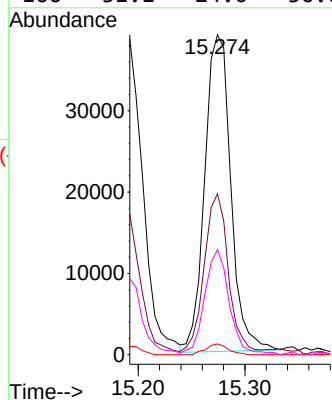
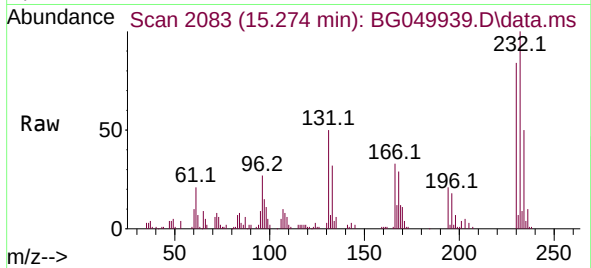




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.290 ng
RT: 15.274 min Scan# 2083
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

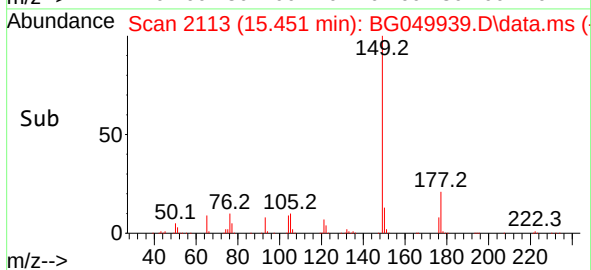
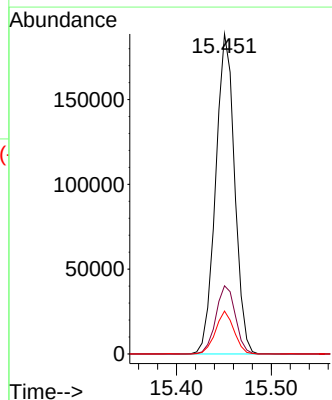
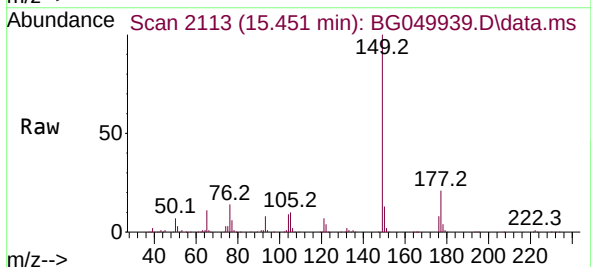
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

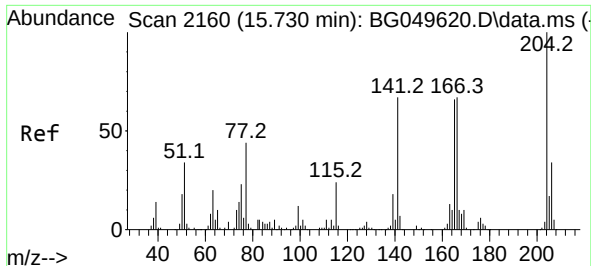
Tgt Ion:232	Resp:	66236
Ion Ratio	Lower	Upper
232	100	
131	45.5	37.2 55.8
130	2.9	2.8 4.2
166	31.1	24.0 36.0



#60
Diethylphthalate
Concen: 42.029 ng
RT: 15.451 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:149	Resp:	261955
Ion Ratio	Lower	Upper
149	100	
177	21.3	19.0 28.6
150	13.4	10.2 15.4

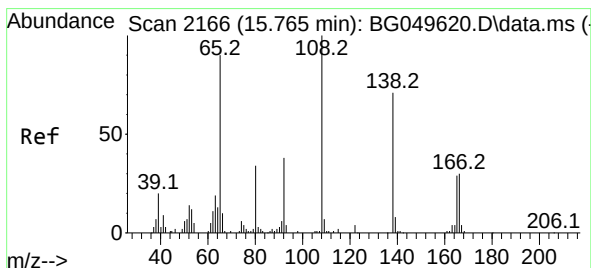
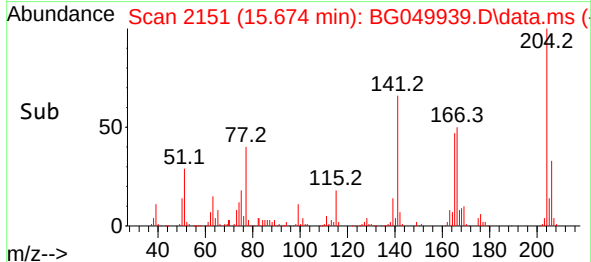
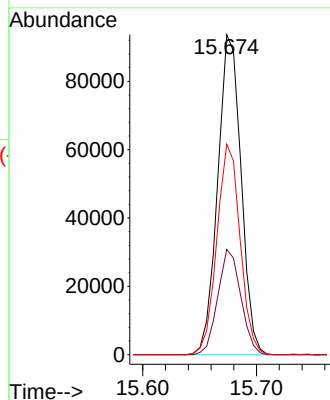
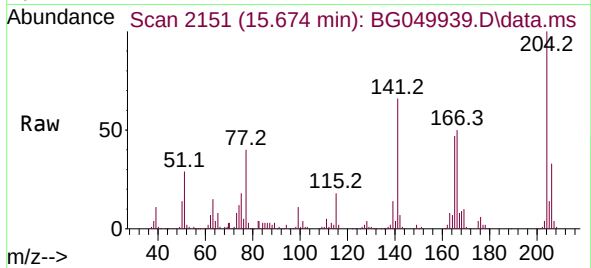




#61
4-Chlorophenyl-phenylether
Concen: 42.548 ng
RT: 15.674 min Scan# 2151
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

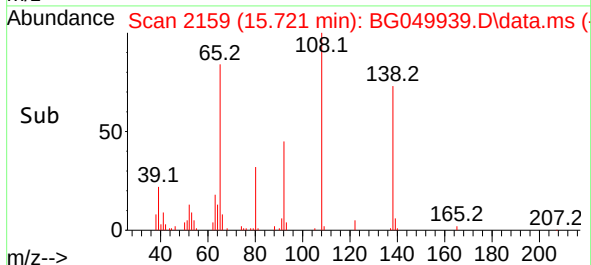
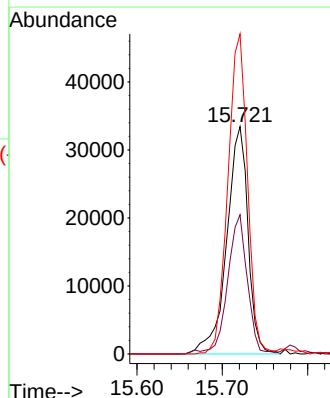
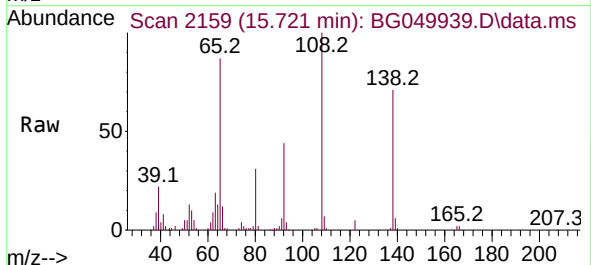
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

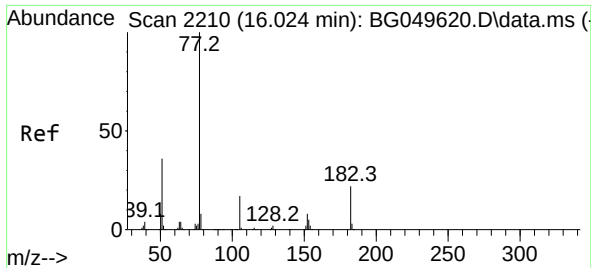
Tgt Ion:204 Resp: 133584
Ion Ratio Lower Upper
204 100
206 32.9 24.6 37.0
141 65.7 47.8 71.8



#62
4-Nitroaniline
Concen: 42.370 ng
RT: 15.721 min Scan# 2159
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:138 Resp: 57992
Ion Ratio Lower Upper
138 100
92 61.2 32.3 72.3
108 140.7 132.4 172.4

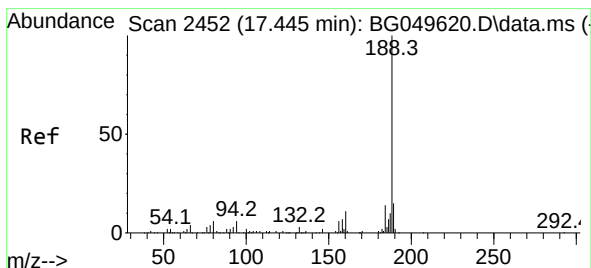
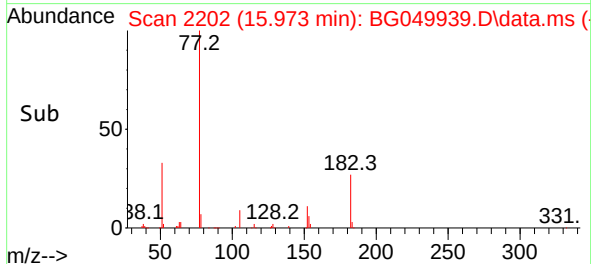
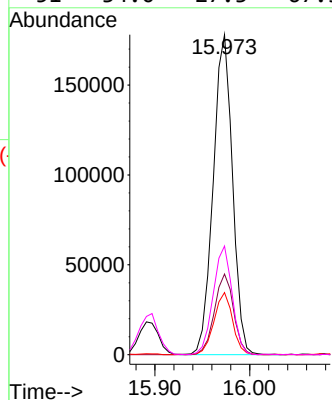
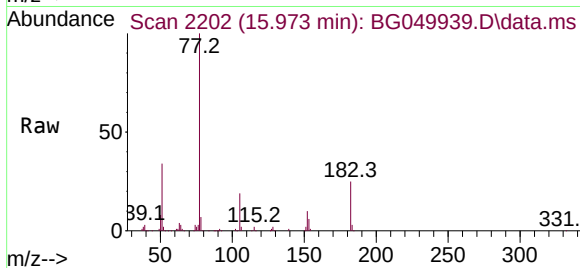




#63
Azobenzene
Concen: 38.140 ng
RT: 15.973 min Scan# 2202
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

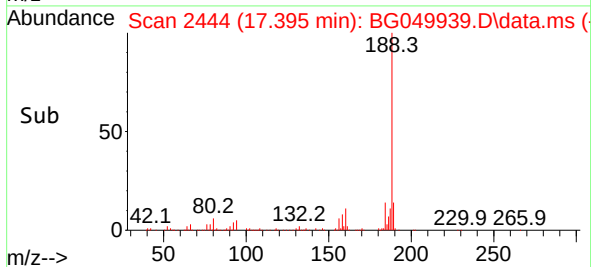
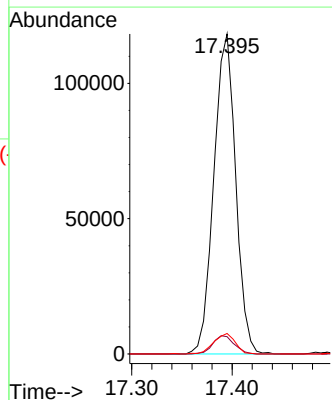
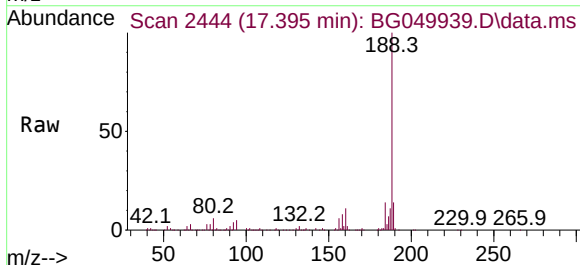
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

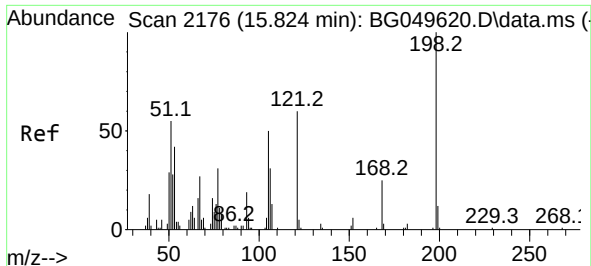
Tgt Ion: 77	Resp: 251607
Ion Ratio	Lower Upper
77 100	
182 25.2	7.9 47.9
105 19.4	0.0 37.9
51 34.0	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.395 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion: 188	Resp: 178535
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 6.4	3.7 5.5

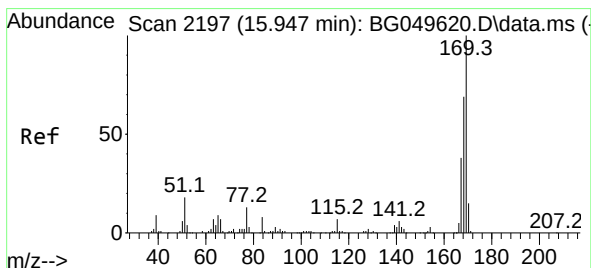
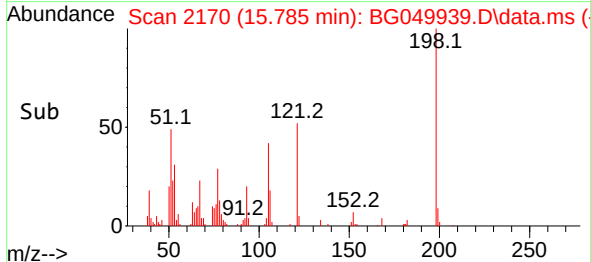
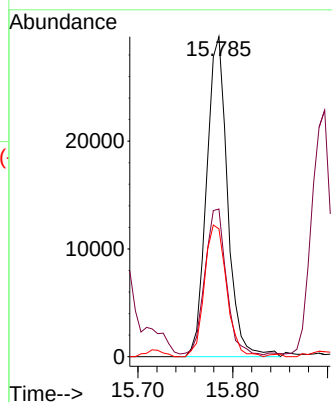
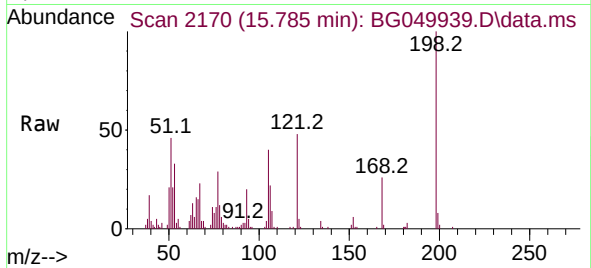




#65
4,6-Dinitro-2-methylphenol
Concen: 39.769 ng
RT: 15.785 min Scan# 2170
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

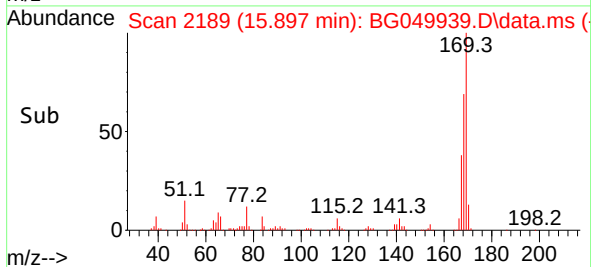
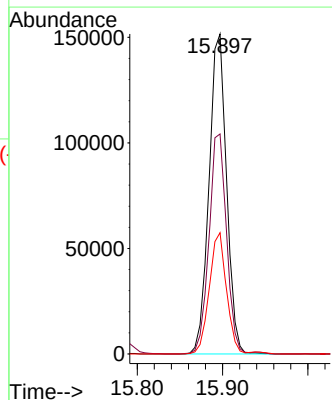
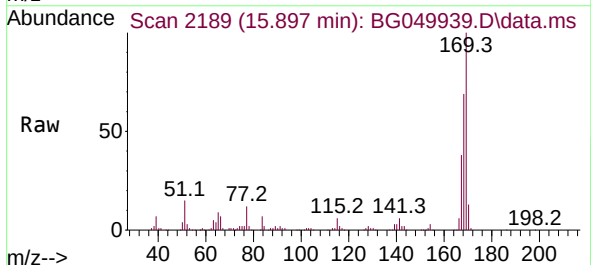
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

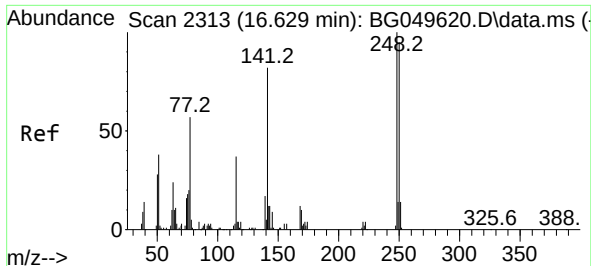
Tgt Ion:198	Resp:	45638
Ion Ratio	Lower	Upper
198	100	
51	46.1	29.4 69.4
105	40.0	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 42.911 ng
RT: 15.897 min Scan# 2189
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

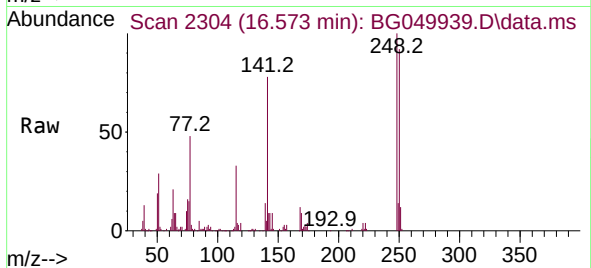
Tgt Ion:169	Resp:	216468
Ion Ratio	Lower	Upper
169	100	
168	68.7	56.3 84.5
167	37.9	28.4 42.6



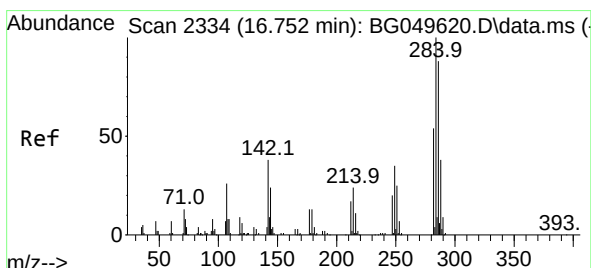
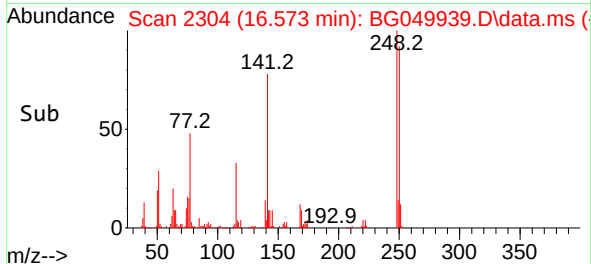
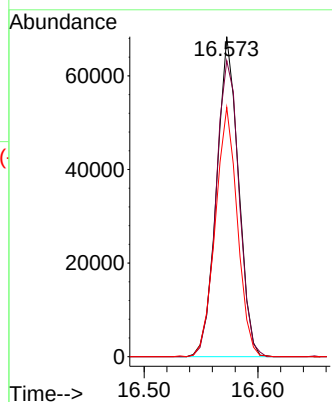


#67
4-Bromophenyl-phenylether
Concen: 43.407 ng
RT: 16.573 min Scan# 2304
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

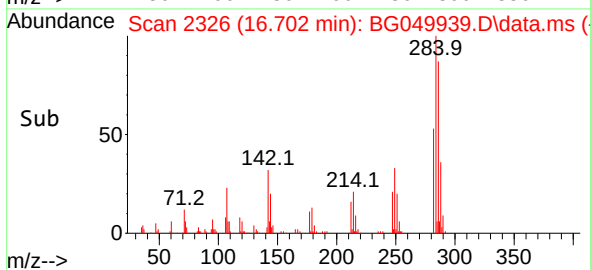
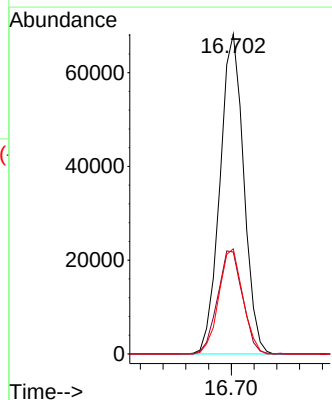
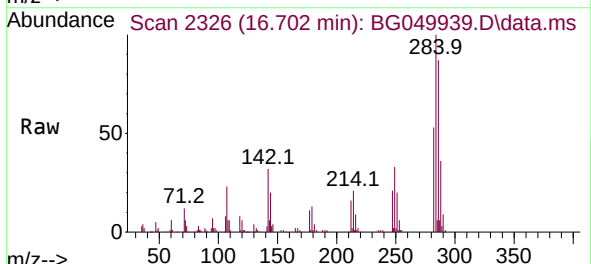


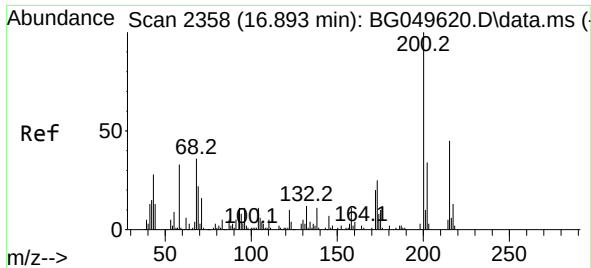
Tgt Ion:248 Resp: 91270
Ion Ratio Lower Upper
248 100
250 92.5 76.1 114.1
141 77.9 65.4 98.2



#68
Hexachlorobenzene
Concen: 42.465 ng
RT: 16.702 min Scan# 2326
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:284 Resp: 99202
Ion Ratio Lower Upper
284 100
142 31.8 27.0 40.6
249 32.8 28.2 42.2

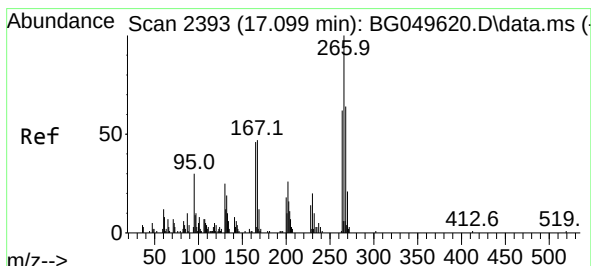
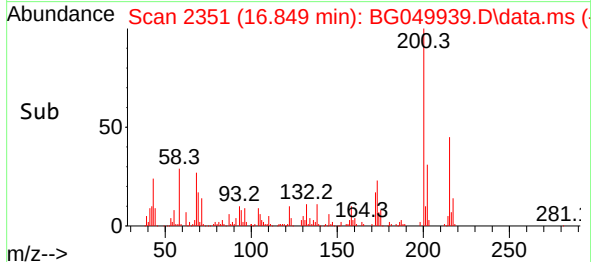
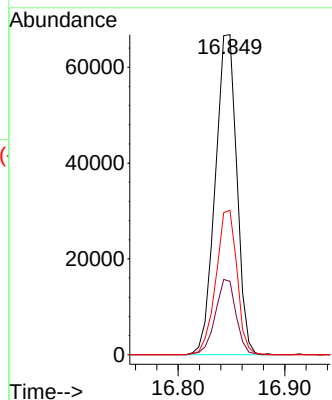
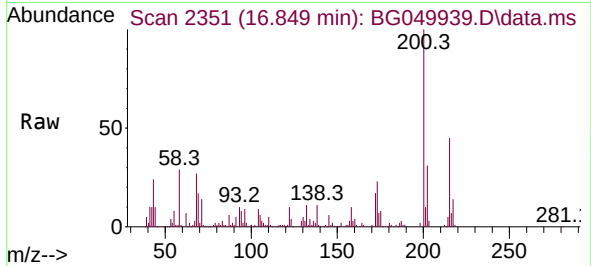




#69
 Atrazine
 Concen: 46.416 ng
 RT: 16.849 min Scan# 2351
 Delta R.T. -0.002 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

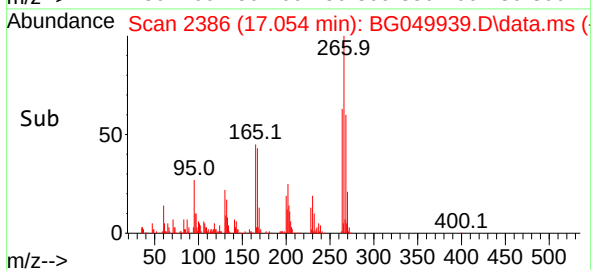
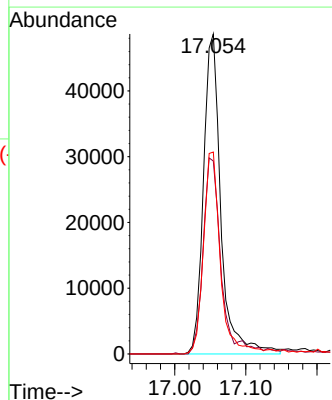
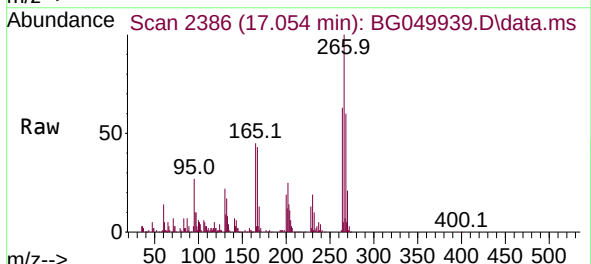
Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMSD

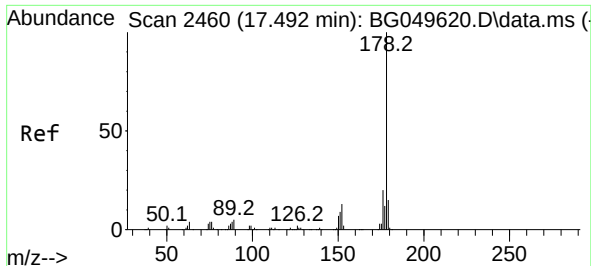
Tgt Ion:	200	Resp:	93664
Ion Ratio	Lower	Upper	
200	100		
173	22.9	3.7	43.7
215	45.1	26.9	66.9



#70
 Pentachlorophenol
 Concen: 66.306 ng
 RT: 17.054 min Scan# 2386
 Delta R.T. -0.002 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

Tgt Ion:	266	Resp:	83058
Ion Ratio	Lower	Upper	
266	100		
268	60.3	49.0	73.4
264	63.1	49.0	73.6

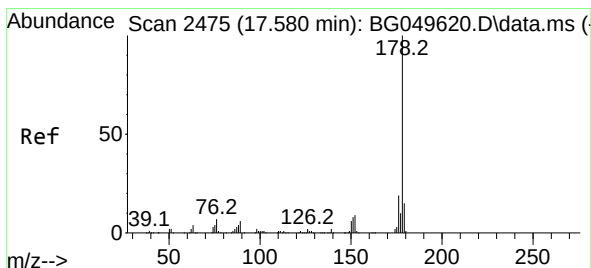
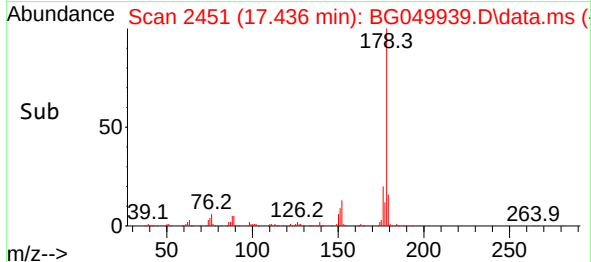
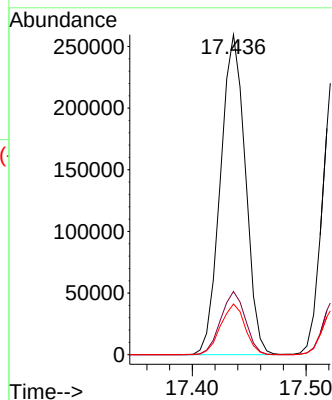
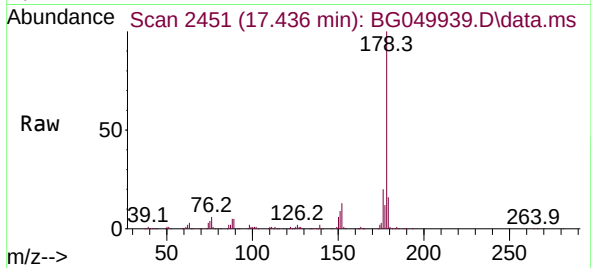




#71
Phenanthrene
Concen: 42.010 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

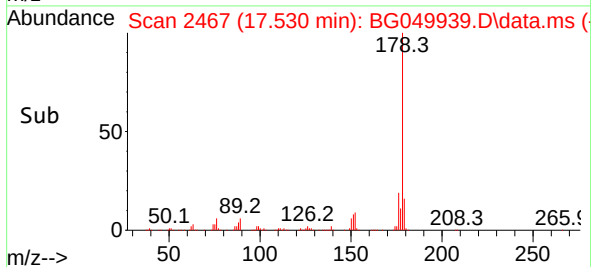
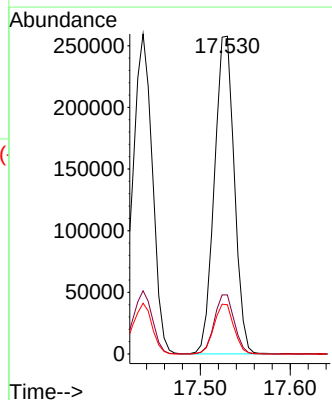
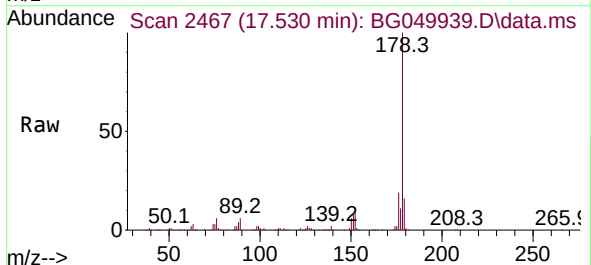
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

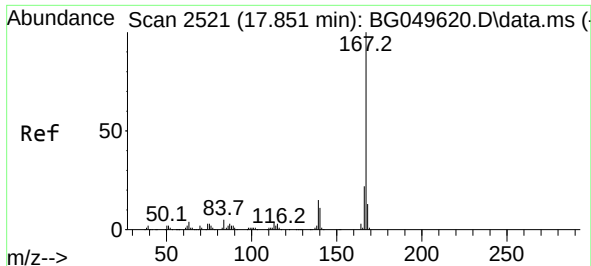
Tgt Ion:178 Resp: 394601
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.9 14.2 21.4



#72
Anthracene
Concen: 43.005 ng
RT: 17.530 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:178 Resp: 396716
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 13.4 20.0

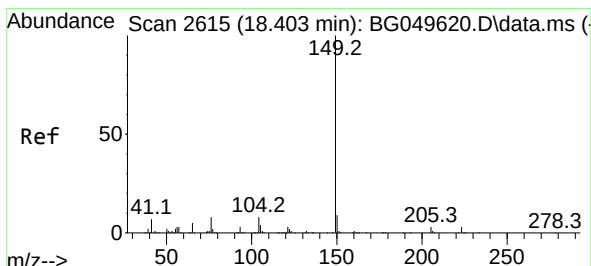
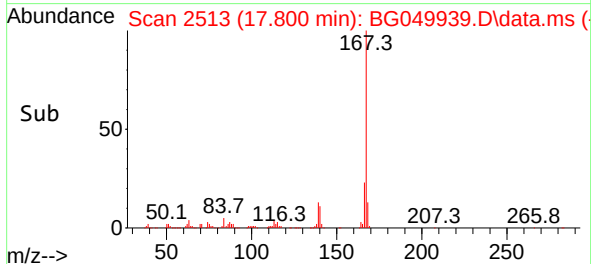
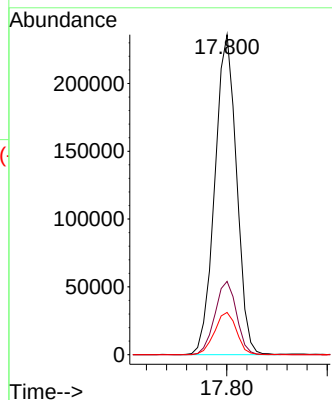
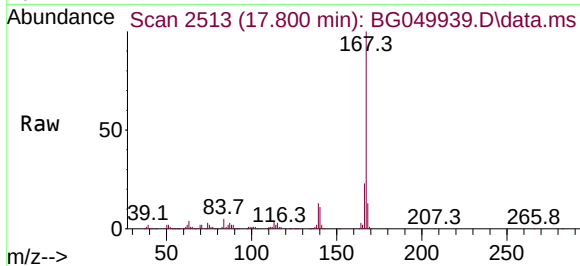




#73
Carbazole
Concen: 40.558 ng
RT: 17.800 min Scan# 2513
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

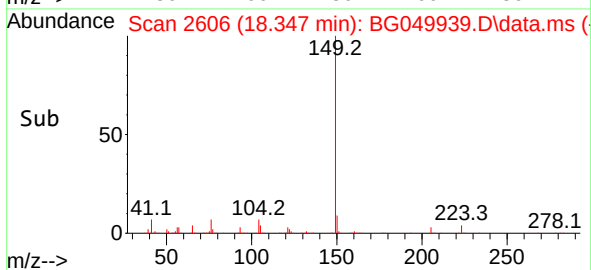
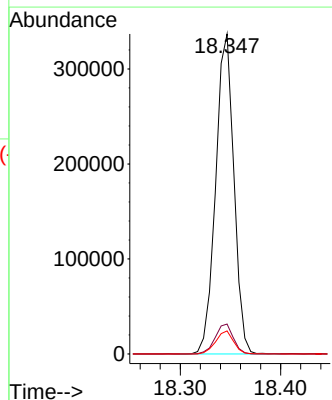
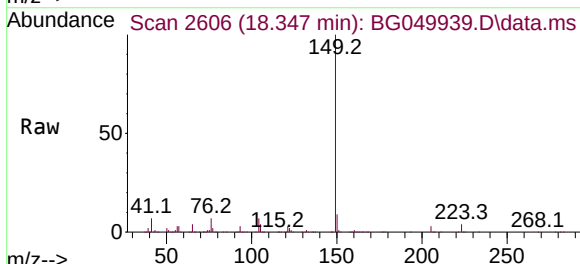
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ClientSampleId :
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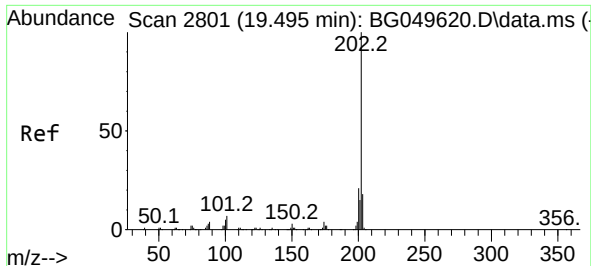
Tgt Ion:167 Resp: 354350
Ion Ratio Lower Upper
167 100
166 22.9 17.4 26.2
139 13.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 41.656 ng
RT: 18.347 min Scan# 2606
Delta R.T. -0.002 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:149 Resp: 424260
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.2 6.6 10.0

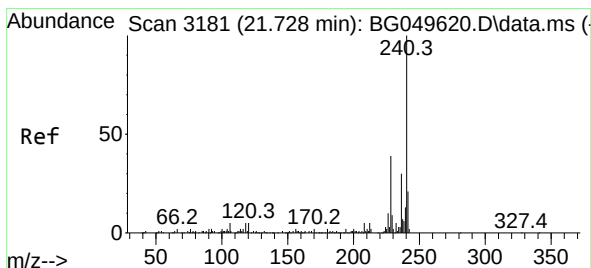
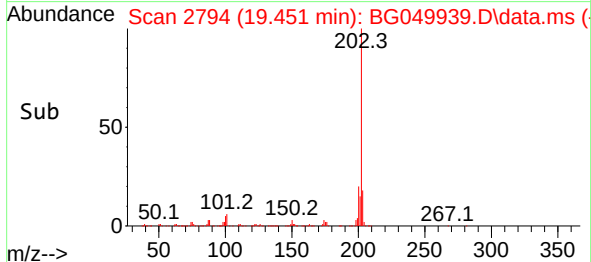
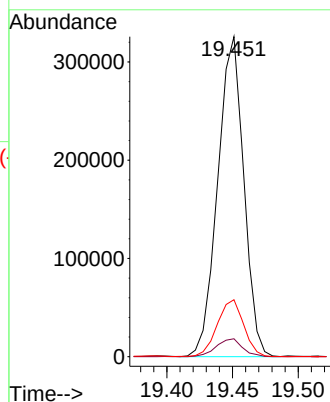
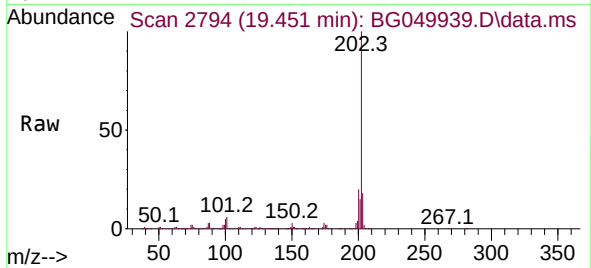




#75
Fluoranthene
Concen: 38.920 ng
RT: 19.451 min Scan# 2794
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

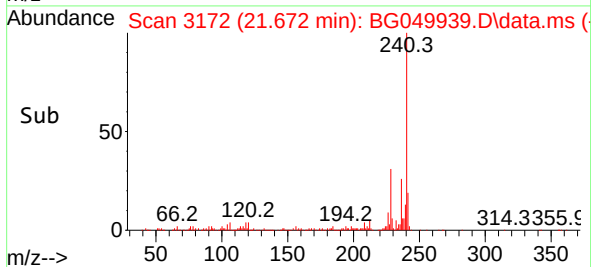
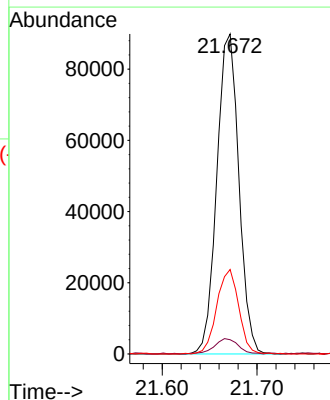
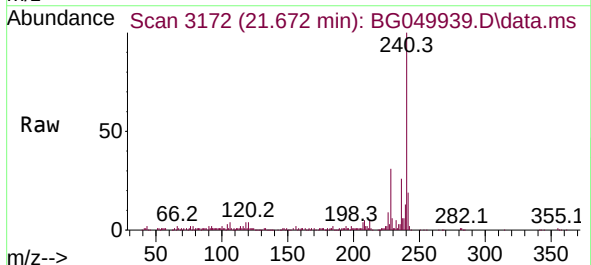
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

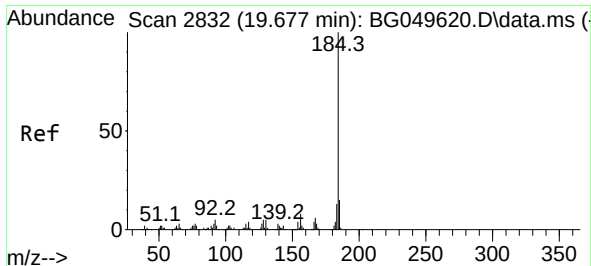
Tgt Ion:202 Resp: 449858
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.8 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:240 Resp: 145236
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 26.4 21.8 32.6

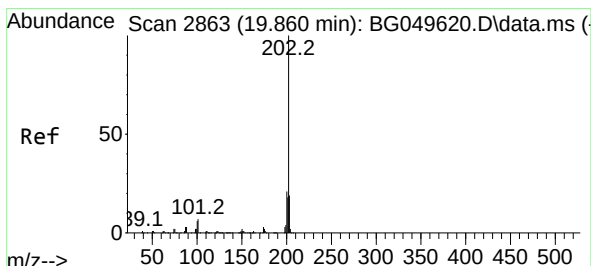
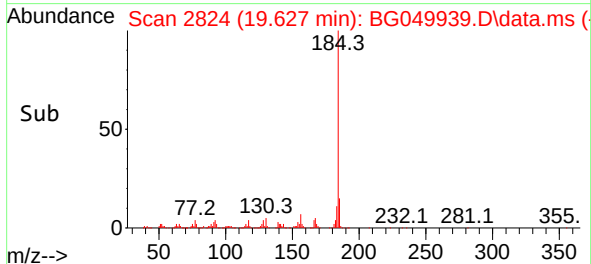
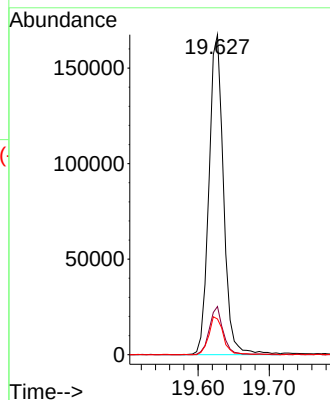
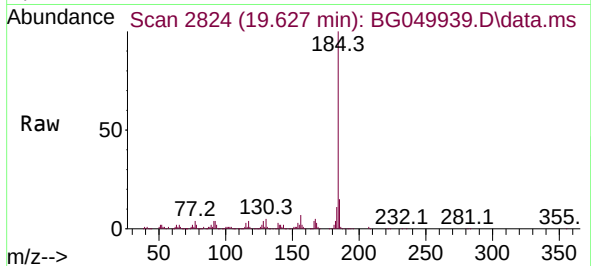




#77
Benzidine
Concen: 64.221 ng
RT: 19.627 min Scan# 2824
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

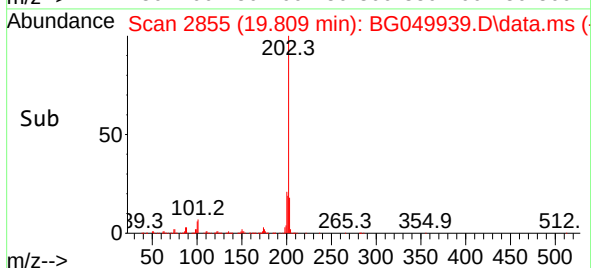
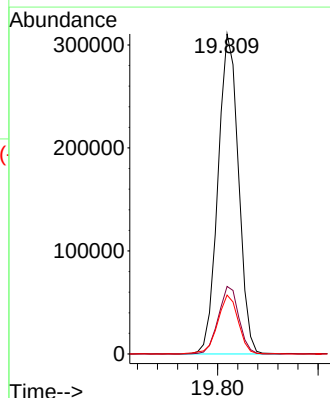
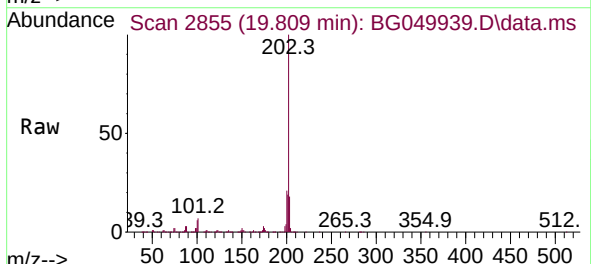
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

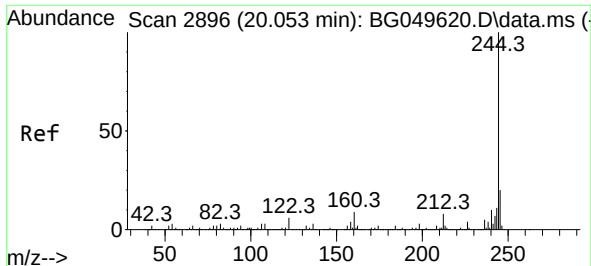
Tgt Ion:184 Resp: 238982
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 11.2 9.4 14.0



#78
Pyrene
Concen: 44.389 ng
RT: 19.809 min Scan# 2855
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

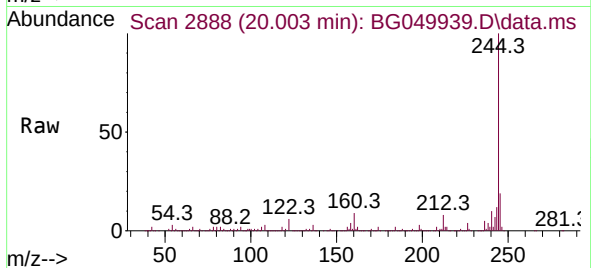
Tgt Ion:202 Resp: 439511
Ion Ratio Lower Upper
202 100
200 21.1 15.8 23.8
203 18.4 14.6 21.8



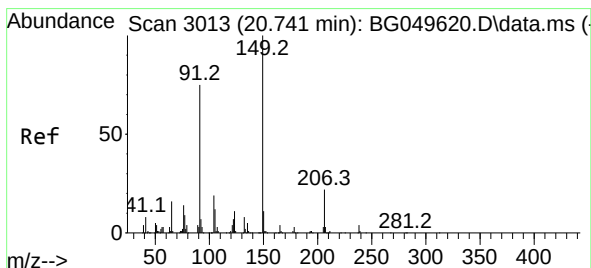
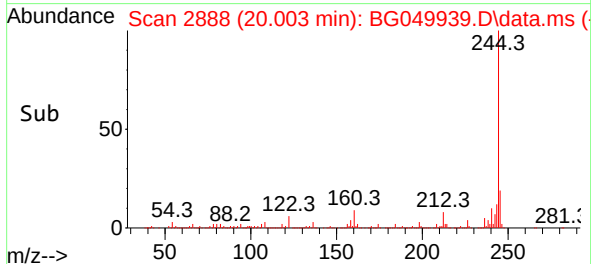
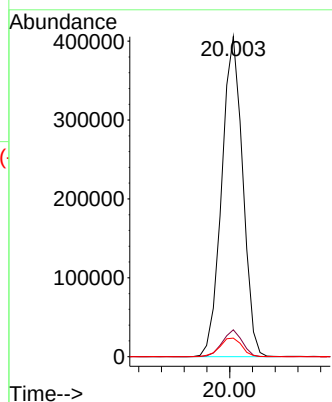


#79
Terphenyl-d14
Concen: 65.190 ng
RT: 20.003 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

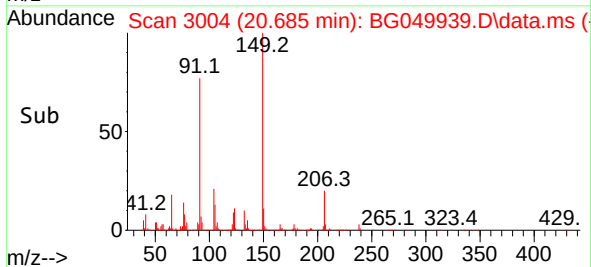
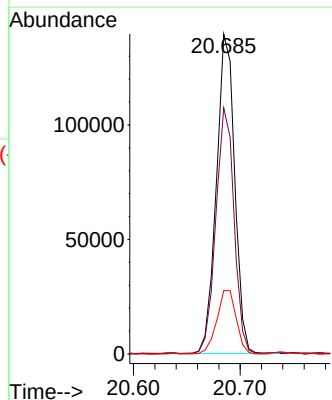
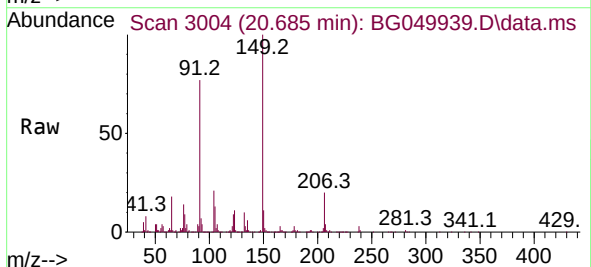


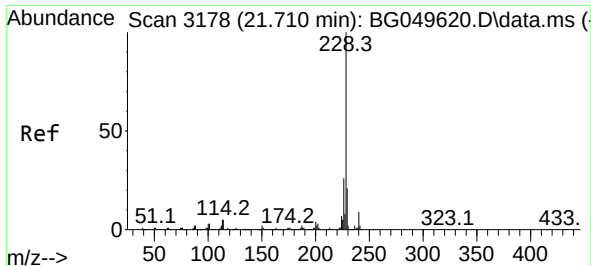
Tgt Ion:244 Resp: 521302
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 5.8 5.0 7.6



#80
Butylbenzylphthalate
Concen: 43.912 ng
RT: 20.685 min Scan# 3004
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

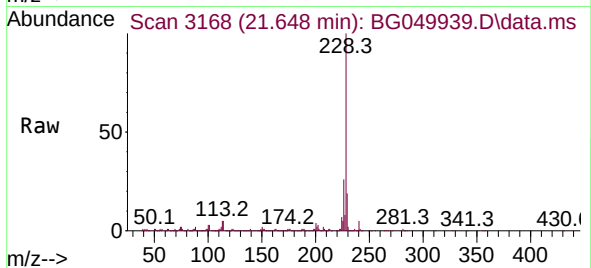
Tgt Ion:149 Resp: 165590
Ion Ratio Lower Upper
149 100
91 76.9 63.4 95.2
206 19.8 18.4 27.6



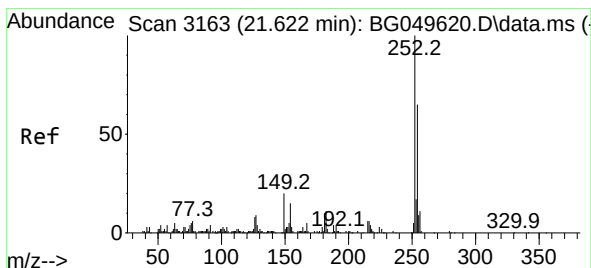
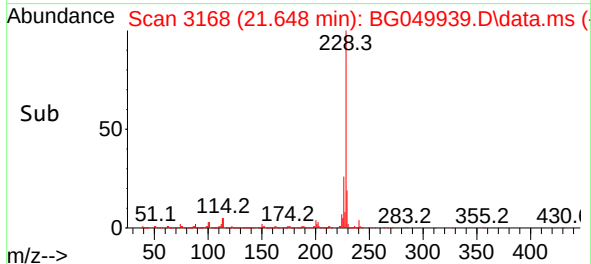
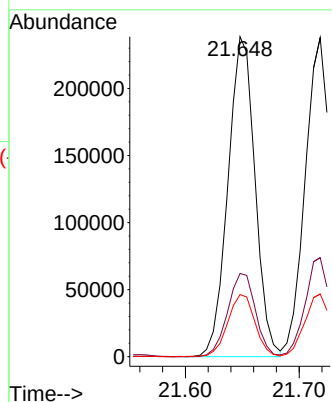


#81
Benzo(a)anthracene
Concen: 41.667 ng
RT: 21.648 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

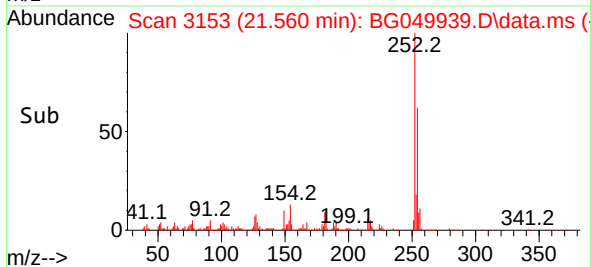
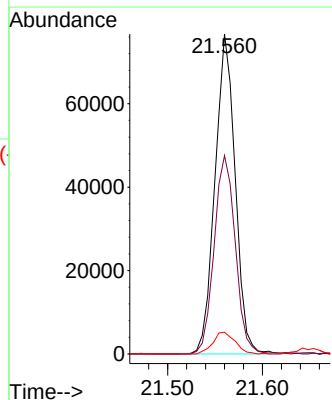
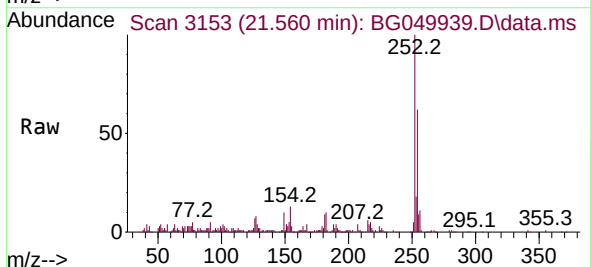


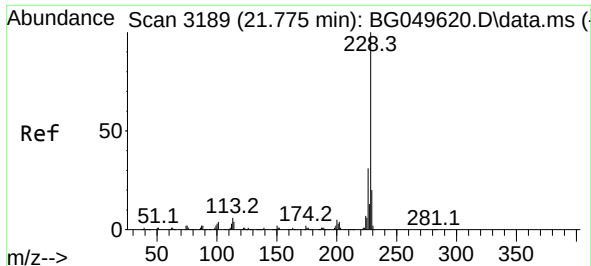
Tgt Ion:228 Resp: 394101
Ion Ratio Lower Upper
228 100
226 26.0 22.7 34.1
229 19.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.180 ng
RT: 21.560 min Scan# 3153
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:252 Resp: 113724
Ion Ratio Lower Upper
252 100
254 62.0 52.4 78.6
126 6.8 5.9 8.9

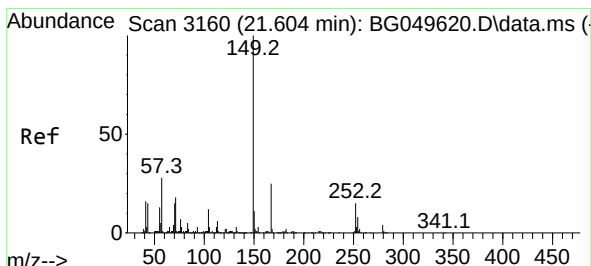
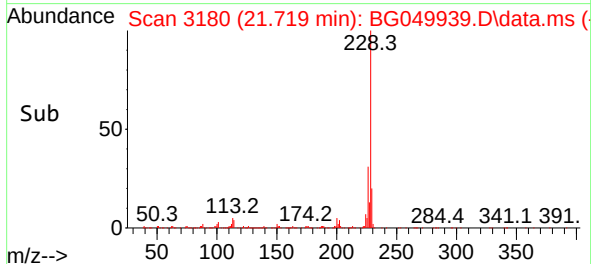
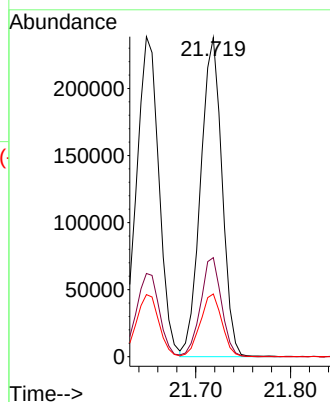
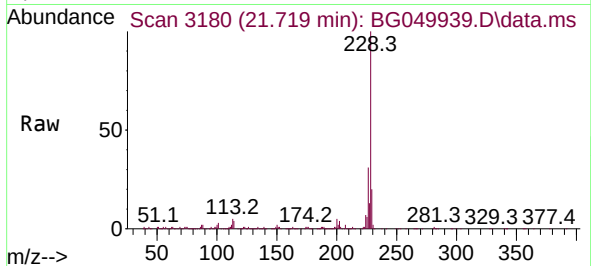




#83
Chrysene
Concen: 41.217 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

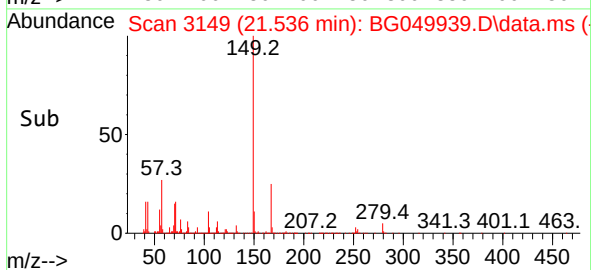
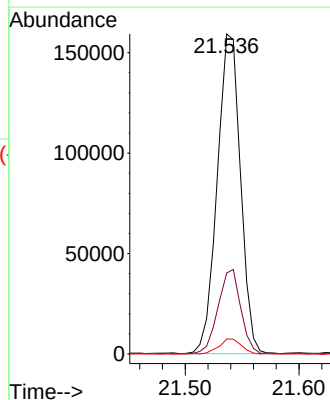
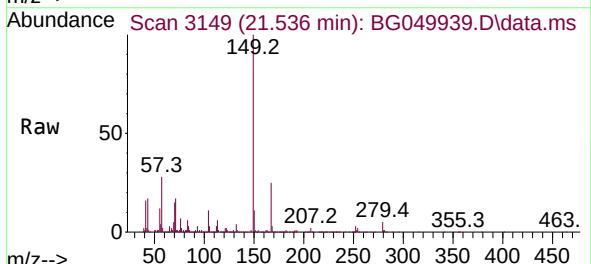
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

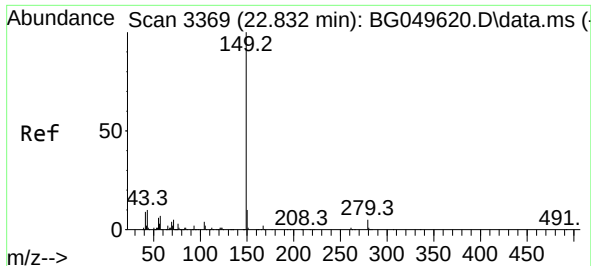
Tgt Ion:228	Resp: 372654
Ion Ratio	Lower Upper
228 100	
226 31.0	23.1 34.7
229 19.6	15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.401 ng
RT: 21.536 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:149	Resp: 226328
Ion Ratio	Lower Upper
149 100	
167 25.3	22.3 33.5
279 4.7	3.8 5.8

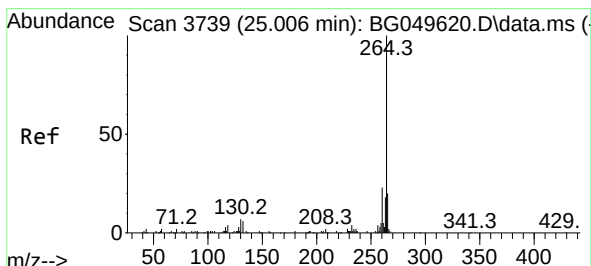
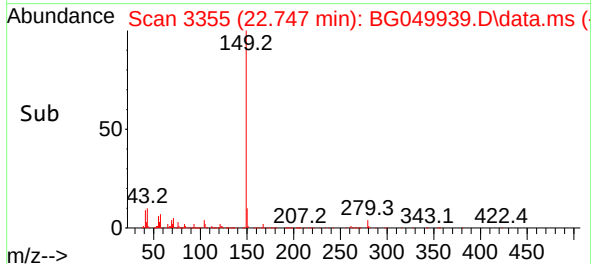
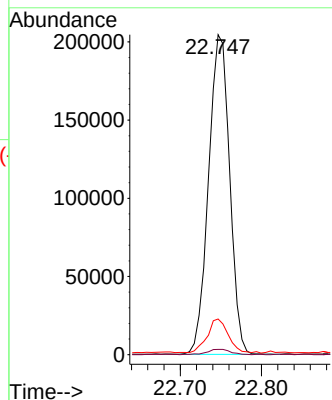
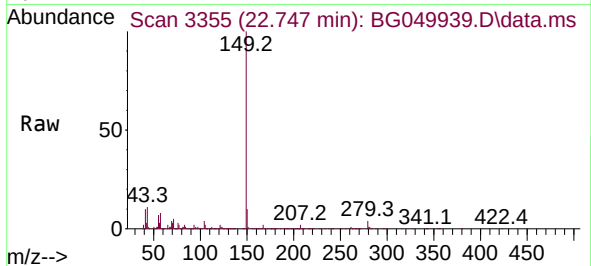




#85
Di-n-octyl phthalate
Concen: 40.888 ng
RT: 22.747 min Scan# 3355
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

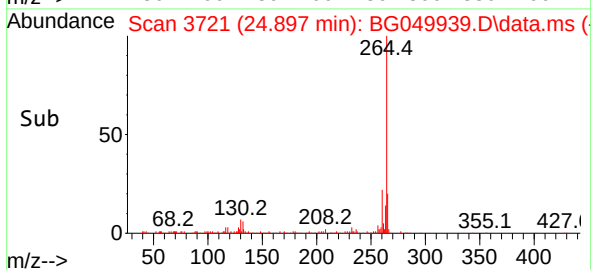
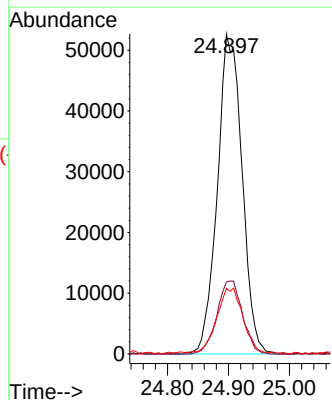
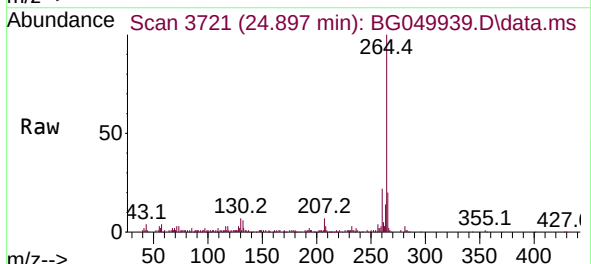
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

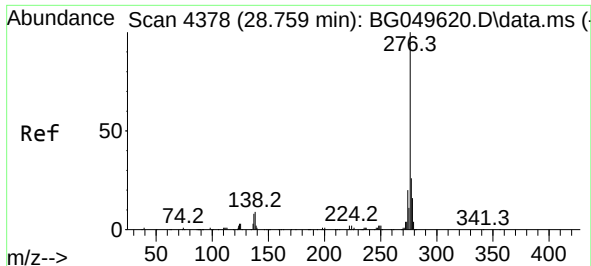
Tgt Ion:149 Resp: 368703
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 10.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.897 min Scan# 3721
Delta R.T. -0.025 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:264 Resp: 148219
Ion Ratio Lower Upper
264 100
260 22.5 19.4 29.2
265 20.4 16.9 25.3

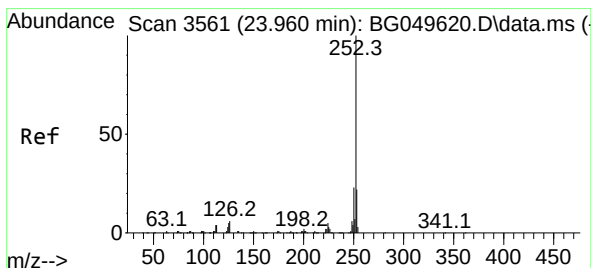
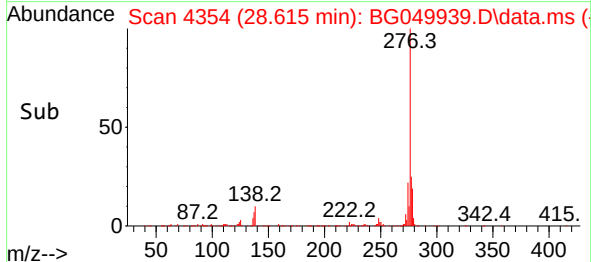
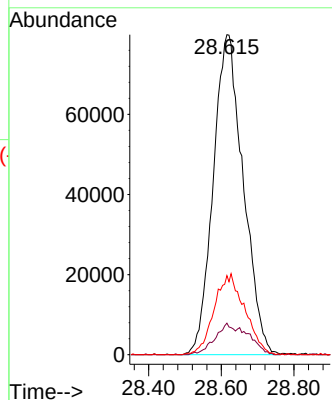
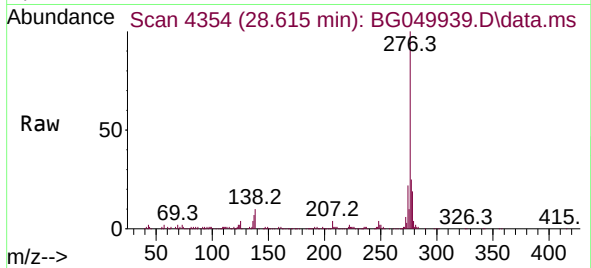




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.935 ng
 RT: 28.615 min Scan# 4354
 Delta R.T. -0.031 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

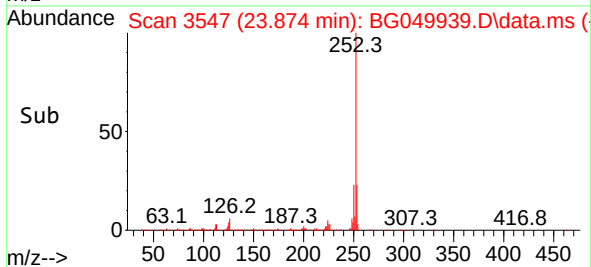
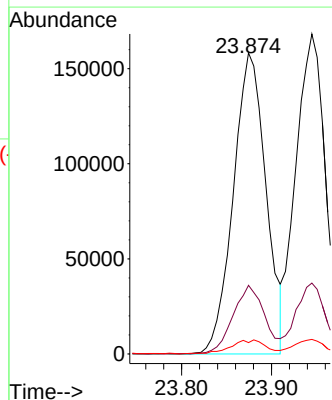
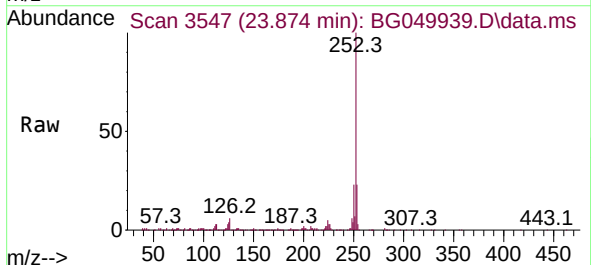
Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMSD

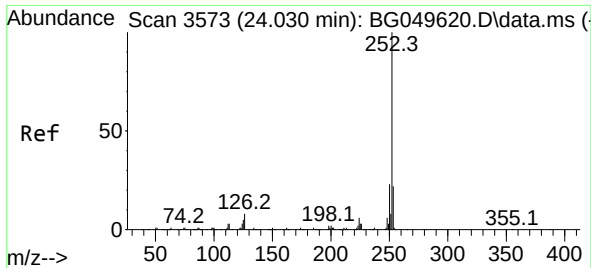
Tgt Ion:276 Resp: 458950
 Ion Ratio Lower Upper
 276 100
 138 6.2 5.1 7.7
 277 25.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 41.080 ng
 RT: 23.874 min Scan# 3547
 Delta R.T. -0.019 min
 Lab File: BG049939.D
 Acq: 23 Aug 2021 18:52

Tgt Ion:252 Resp: 399335
 Ion Ratio Lower Upper
 252 100
 253 22.8 16.2 24.4
 125 3.8 3.0 4.4

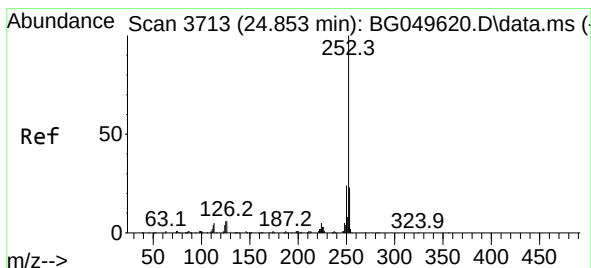
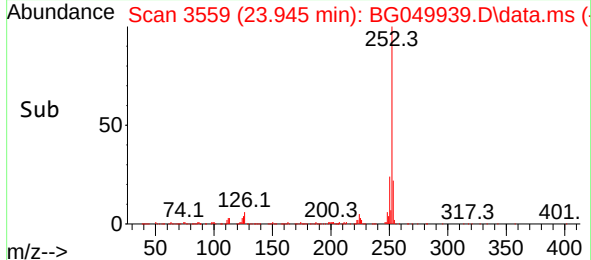
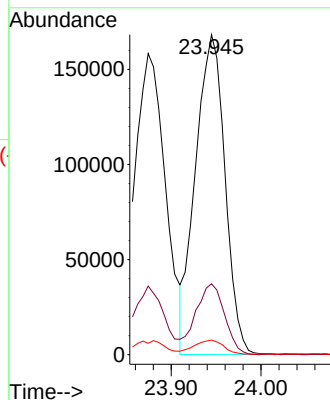
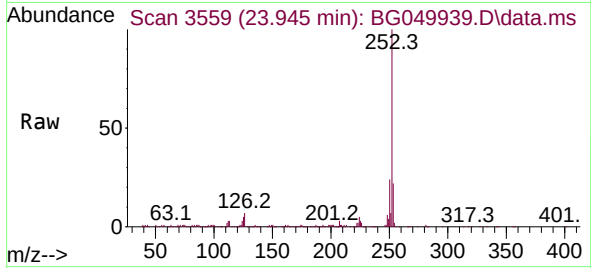




#89
Benzo(k)fluoranthene
Concen: 42.175 ng
RT: 23.945 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

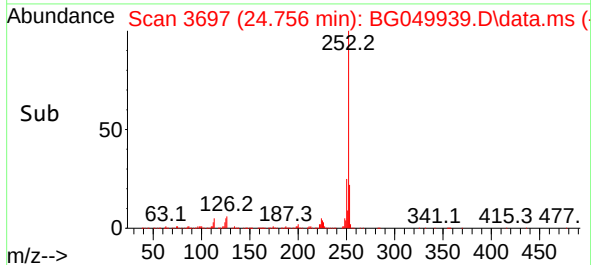
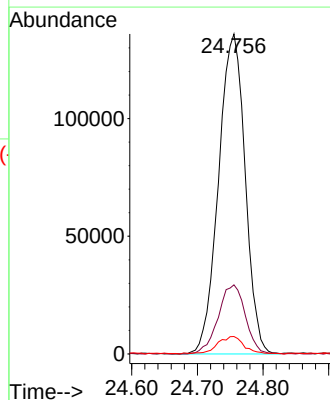
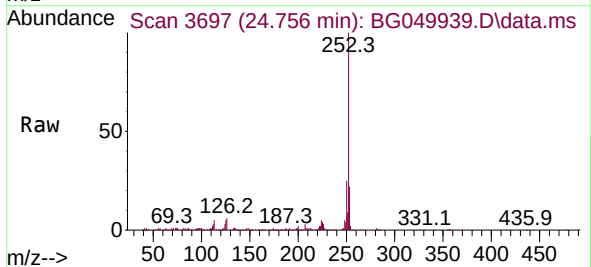
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

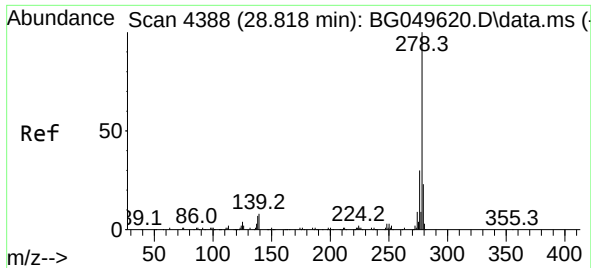
Tgt Ion:252 Resp: 382415
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 4.5 3.1 4.7



#90
Benzo(a)pyrene
Concen: 43.457 ng
RT: 24.756 min Scan# 3697
Delta R.T. -0.019 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:252 Resp: 382304
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 5.5 3.5 5.3#

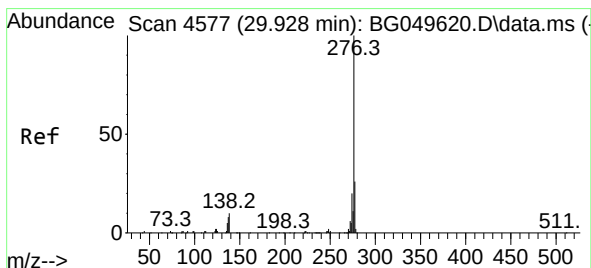
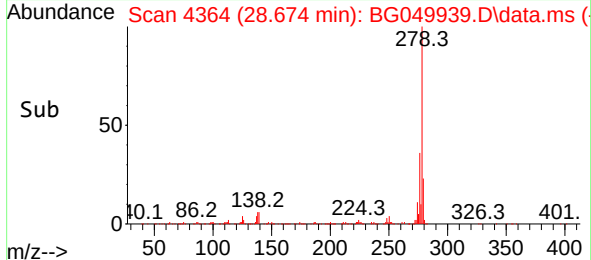
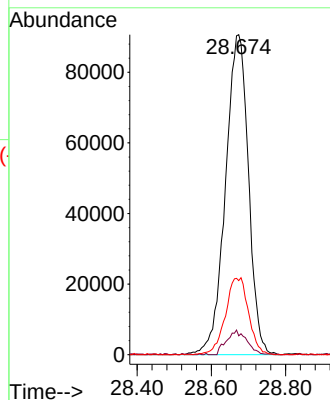
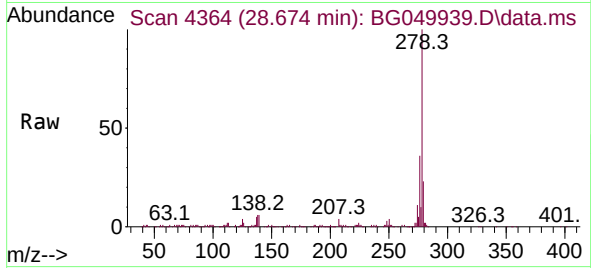




#91
Dibenzo(a,h)anthracene
Concen: 43.322 ng
RT: 28.674 min Scan# 4364
Delta R.T. -0.025 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMSD

Tgt Ion:278 Resp: 390219
Ion Ratio Lower Upper
278 100
139 5.9 4.6 6.8
279 23.1 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 43.779 ng
RT: 29.778 min Scan# 4552
Delta R.T. -0.037 min
Lab File: BG049939.D
Acq: 23 Aug 2021 18:52

Tgt Ion:276 Resp: 386333
Ion Ratio Lower Upper
276 100
277 25.9 18.4 27.6
138 9.5 7.0 10.6

