

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
 Data File : BG049938.D
 Acq On : 23 Aug 2021 18:11
 Operator : CG/JU
 Sample : M3505-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMS

Manual Integrations
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mohammad
 8/24/2021 11:18:51 AM

Quant Time: Aug 24 02:27:07 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	7.975	152	27934	20.000	ng	-0.01
21) Naphthalene-d8	10.800	136	114341	20.000	ng	#-0.01
39) Acenaphthene-d10	14.642	164	78674	20.000	ng	0.00
64) Phenanthrene-d10	17.391	188	168430	20.000	ng	#-0.01
76) Chrysene-d12	21.668	240	142378	20.000	ng	-0.01
86) Perylene-d12	24.905	264	145618	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	176874	113.505	ng	0.00
7) Phenol-d6	7.158	99	246223	104.383	ng	0.00
23) Nitrobenzene-d5	9.150	82	165395	64.010	ng	-0.01
42) 2,4,6-Tribromophenol	16.140	330	126395	109.300	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	351743	65.055	ng	0.00
79) Terphenyl-d14	20.005	244	515442	65.751	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	21551	31.648	ng	92
3) Pyridine	3.780	79	53058	28.425	ng	89
4) n-Nitrosodimethylamine	3.698	42	39326	39.181	ng	# 74
6) Aniline	7.299	93	95894	38.358	ng	98
8) 2-Chlorophenol	7.546	128	78516	46.214	ng	92
9) Benzaldehyde	7.111	77	59430	37.759	ng	# 82
10) Phenol	7.182	94	102461	44.829	ng	95
11) bis(2-Chloroethyl)ether	7.393	93	66388	43.019	ng	88
12) 1,3-Dichlorobenzene	7.869	146	83617	42.973	ng	96
13) 1,4-Dichlorobenzene	8.016	146	84229	42.765	ng	96
14) 1,2-Dichlorobenzene	8.333	146	81378	43.614	ng	97
15) Benzyl Alcohol	8.221	79	86286	43.557	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.509	45	72844	41.542	ng	96
17) 2-Methylphenol	8.439	107	71612	47.580	ng	94
18) Hexachloroethane	9.061	117	33721	44.537	ng	96
19) n-Nitroso-di-n-propyla...	8.791	70	64248	40.702	ng	# 82
20) 3+4-Methylphenols	8.768	107	99158	46.910	ng	93
22) Acetophenone	8.809	105	128315	41.306	ng	# 96
24) Nitrobenzene	9.197	77	103951	38.125	ng	93
25) Isophorone	9.719	82	171574	37.211	ng	96
26) 2-Nitrophenol	9.907	139	46145	44.347	ng	94
27) 2,4-Dimethylphenol	9.978	122	74202	48.249	ng	94
28) bis(2-Chloroethoxy)met...	10.201	93	91173	45.203	ng	94
29) 2,4-Dichlorophenol	10.460	162	81539	43.205	ng	95
30) 1,2,4-Trichlorobenzene	10.665	180	89853	43.240	ng	92
31) Naphthalene	10.853	128	243499	40.663	ng	98
32) Benzoic acid	10.142	122	38896m	37.071	ng	
33) 4-Chloroaniline	10.965	127	71287	30.154	ng	96
34) Hexachlorobutadiene	11.129	225	61285	40.585	ng	95
35) Caprolactam	11.752	113	25187m	43.194	ng	
36) 4-Chloro-3-methylphenol	12.104	107	94791	43.483	ng	# 96
37) 2-Methylnaphthalene	12.463	142	184939	40.997	ng	99
38) 1-Methylnaphthalene	12.680	142	172436	40.673	ng	98
40) 1,2,4,5-Tetrachloroben...	12.833	216	102072	44.032	ng	99
41) Hexachlorocyclopentadiene	12.803	237	68954	56.354	ng	98
43) 2,4,6-Trichlorophenol	13.080	196	68983	44.141	ng	94

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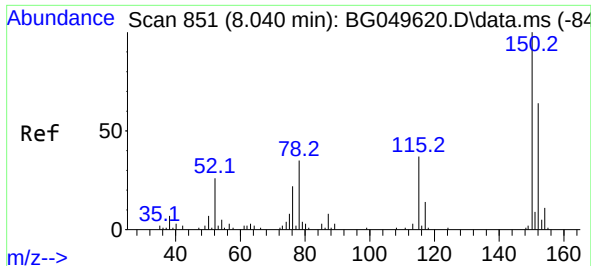
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.156	196	76623	45.194	ng	87
46) 1,1'-Biphenyl	13.467	154	229645	40.983	ng	99
47) 2-Chloronaphthalene	13.514	162	190562	42.579	ng	97
48) 2-Nitroaniline	13.720	65	67812	41.264	ng	94
49) Acenaphthylene	14.366	152	301159	42.456	ng	95
50) Dimethylphthalate	14.090	163	249588	42.048	ng	98
51) 2,6-Dinitrotoluene	14.219	165	53242	40.739	ng	88
52) Acenaphthene	14.707	154	176020	41.193	ng	96
53) 3-Nitroaniline	14.548	138	45409	35.628	ng	93
54) 2,4-Dinitrophenol	14.771	184	68156m	91.860	ng	
55) Dibenzofuran	15.042	168	282717	40.784	ng	97
56) 4-Nitrophenol	14.883	139	74983	80.530	ng	95
57) 2,4-Dinitrotoluene	15.012	165	76113	41.465	ng	94
58) Fluorene	15.688	166	234142	41.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.277	232	63092	40.067	ng	99
60) Diethylphthalate	15.453	149	245444	41.113	ng	96
61) 4-Chlorophenyl-phenyle...	15.676	204	123811	41.171	ng	98
62) 4-Nitroaniline	15.717	138	57520	43.874	ng	88
63) Azobenzene	15.970	77	234144	37.055	ng	86
65) 4,6-Dinitro-2-methylph...	15.782	198	43908	40.557	ng	93
66) n-Nitrosodiphenylamine	15.893	169	204289	42.926	ng	97
67) 4-Bromophenyl-phenylether	16.575	248	85032	42.866	ng	94
68) Hexachlorobenzene	16.704	284	96281	43.688	ng	98
69) Atrazine	16.845	200	90885	47.741	ng	98
70) Pentachlorophenol	17.051	266	81610	69.059	ng	98
71) Phenanthrene	17.438	178	374824	42.299	ng	96
72) Anthracene	17.526	178	381132	43.795	ng	97
73) Carbazole	17.803	167	341624	41.447	ng	98
74) Di-n-butylphthalate	18.343	149	410442	42.717	ng	98
75) Fluoranthene	19.447	202	441015	40.444	ng	96
77) Benzidine	19.624	184	250695	68.721	ng	96
78) Pyrene	19.812	202	432429	44.550	ng	98
80) Butylbenzylphthalate	20.687	149	160537	43.427	ng	97
81) Benzo(a)anthracene	21.650	228	383340	41.343	ng	99
82) 3,3'-Dichlorobenzidine	21.562	252	110259	40.727	ng	99
83) Chrysene	21.715	228	368976	41.629	ng	98
84) Bis(2-ethylhexyl)phtha...	21.539	149	217409	41.547	ng	97
85) Di-n-octyl phthalate	22.749	149	359745	40.695	ng	98
87) Indeno(1,2,3-cd)pyrene	28.623	276	451321	42.976	ng	97
88) Benzo(b)fluoranthene	23.877	252	395206	41.381	ng	94
89) Benzo(k)fluoranthene	23.941	252	370367m	41.575	ng	
90) Benzo(a)pyrene	24.752	252	371702	43.006	ng	99
91) Dibenzo(a,h)anthracene	28.664	278	381714	43.134	ng	# 97
92) Benzo(g,h,i)perylene	29.775	276	375559	43.318	ng	95

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



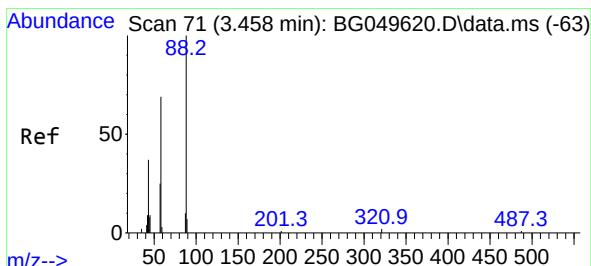
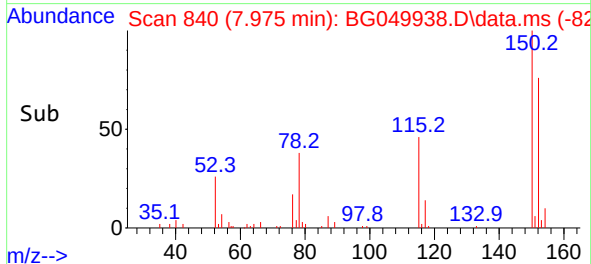
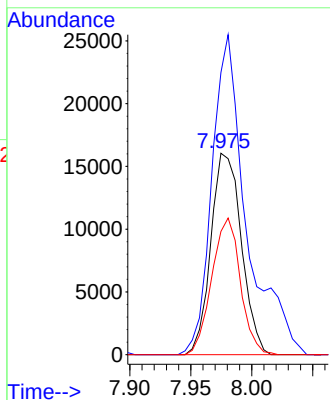
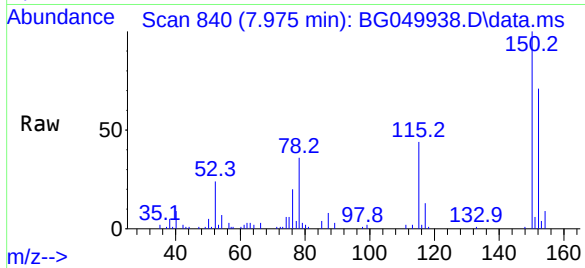
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 840
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion: 152 Resp: 27934
Ion Ratio Lower Upper
152 100
150 140.0 119.4 179.0
115 61.2 60.2 90.4

Instrument :
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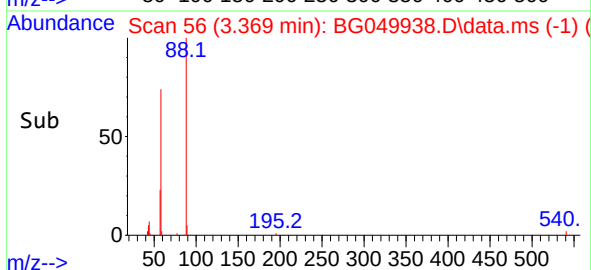
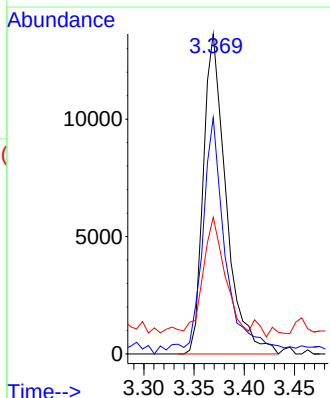
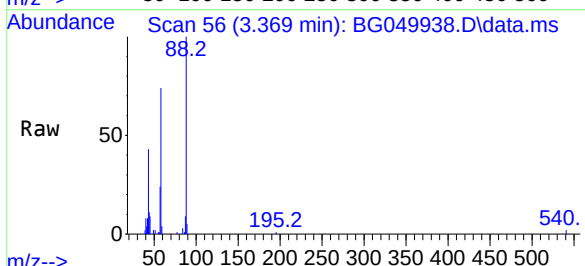
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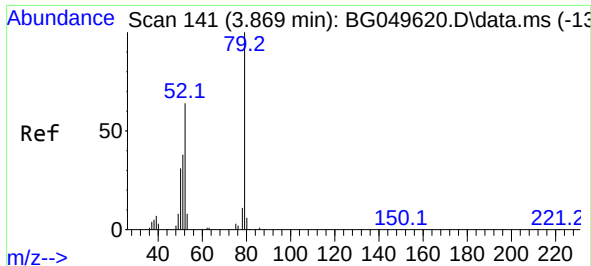
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#2
1,4-Dioxane
Concen: 31.648 ng
RT: 3.369 min Scan# 56
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion: 88 Resp: 21551
Ion Ratio Lower Upper
88 100
58 77.1 55.7 83.5
43 32.5 29.3 43.9





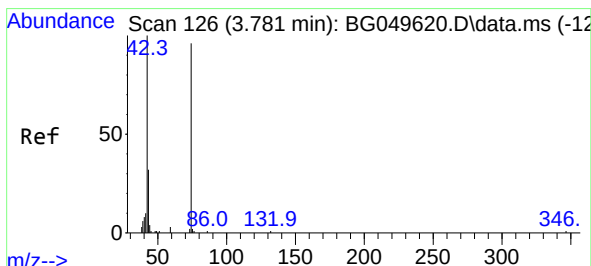
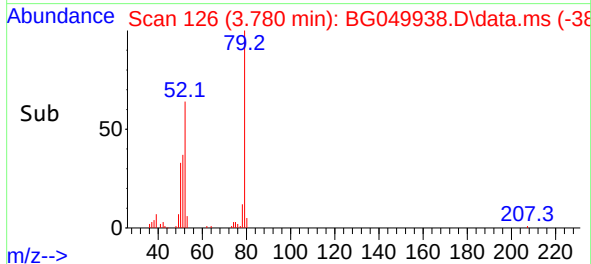
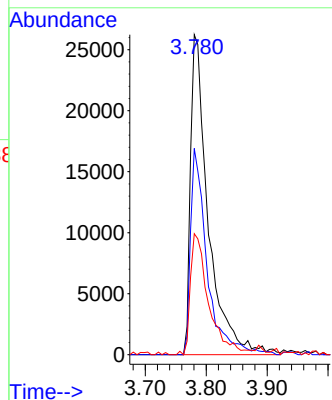
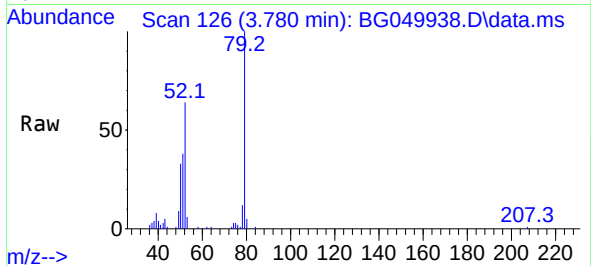
#3
Pyridine
Concen: 28.425 ng
RT: 3.780 min Scan# 126
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

Tgt Ion: 79 Resp: 53058
Ion Ratio Lower Upper
79 100
52 64.5 58.4 87.6
51 37.8 37.0 55.6

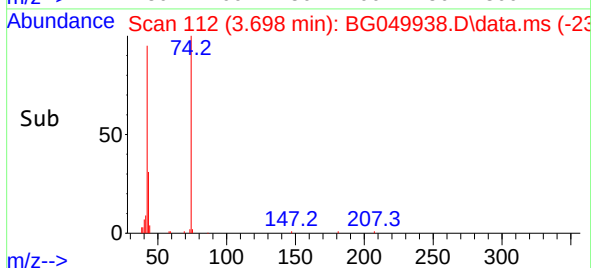
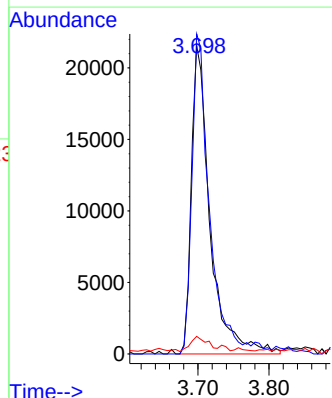
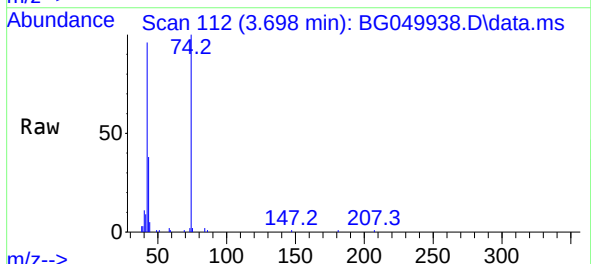
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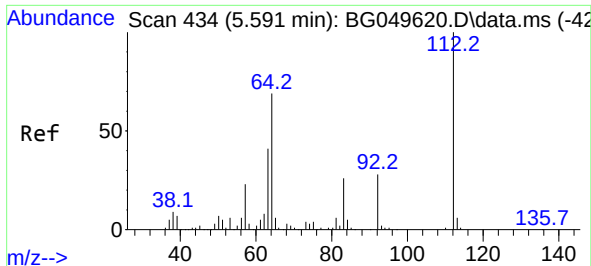
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#4
n-Nitrosodimethylamine
Concen: 39.181 ng
RT: 3.698 min Scan# 112
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion: 42 Resp: 39326
Ion Ratio Lower Upper
42 100
74 103.8 64.0 96.0#
44 5.7 2.7 4.1#





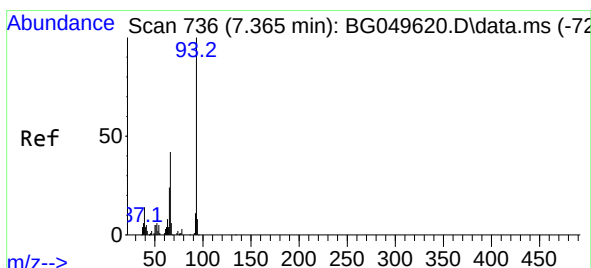
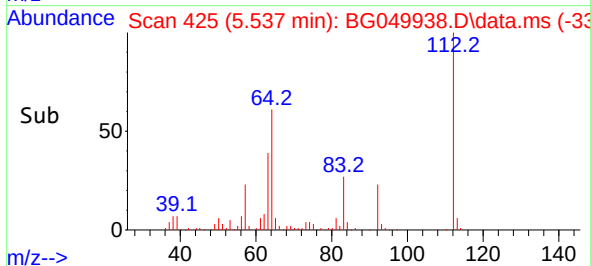
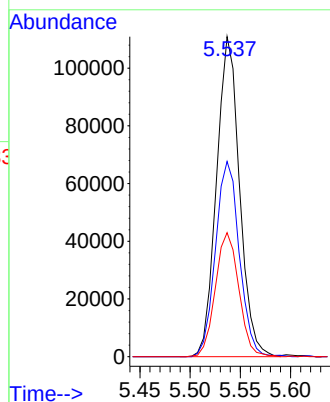
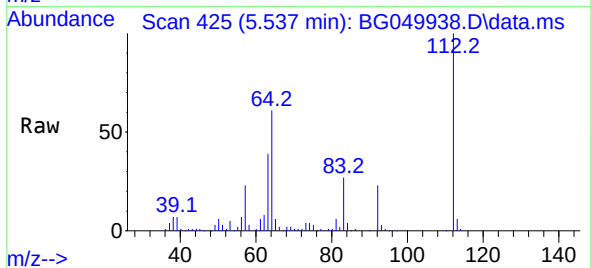
#5
2-Fluorophenol
Concen: 113.505 ng
RT: 5.537 min Scan# 425
Delta R.T. 0.001 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:112 Resp: 176874
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 38.8 35.3 52.9

Instrument :
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ClientSampleId :
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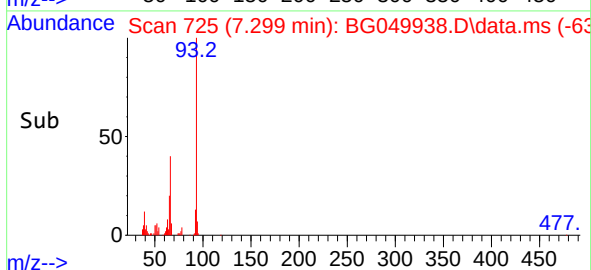
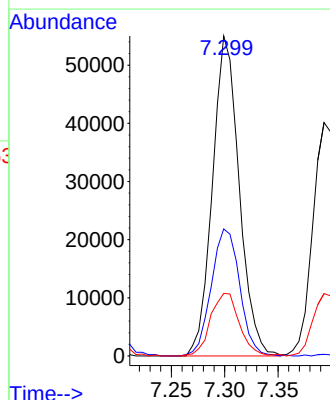
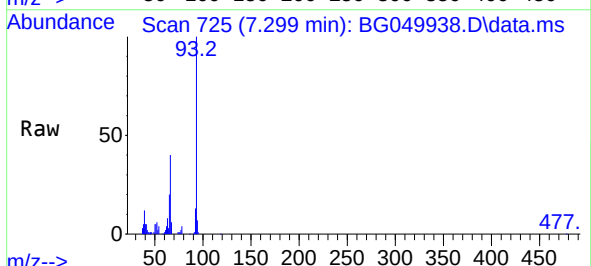
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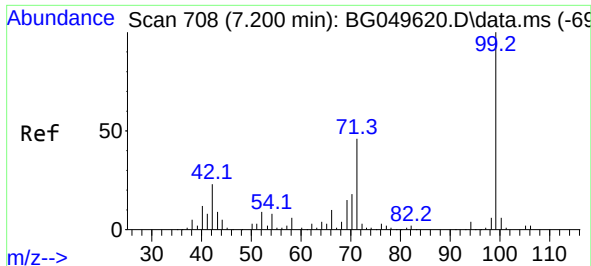
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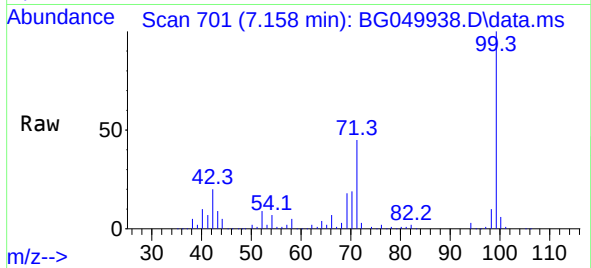
#6
Aniline
Concen: 38.358 ng
RT: 7.299 min Scan# 725
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion: 93 Resp: 95894
Ion Ratio Lower Upper
93 100
66 39.7 30.6 45.8
65 19.6 15.0 22.4

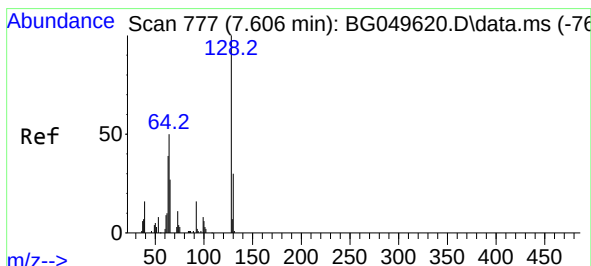
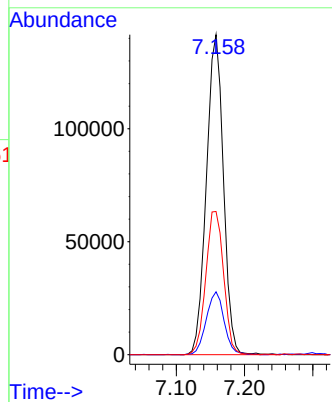
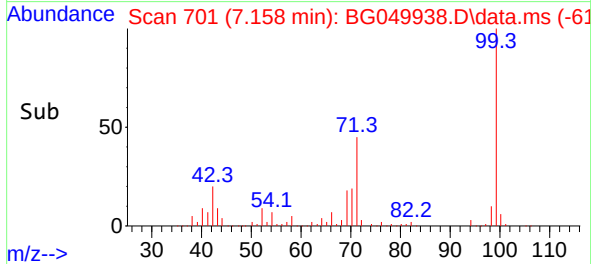




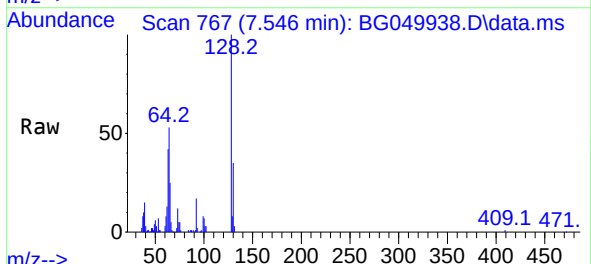
#7
Phenol-d6
Concen: 104.383 ng
RT: 7.158 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



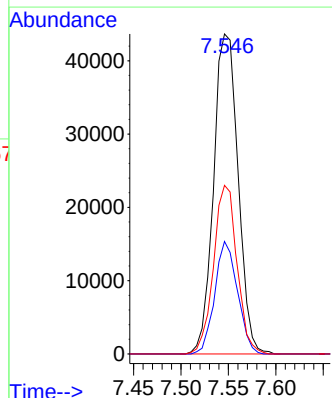
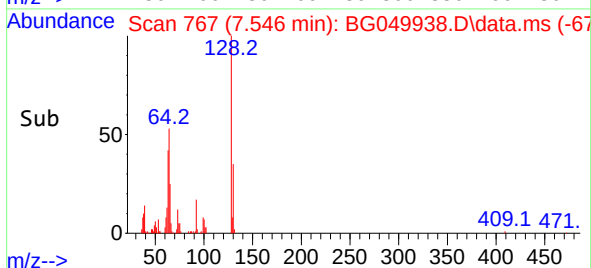
Tgt Ion: 99 Resp: 246223
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 44.7 41.5 62.3



#8
2-Chlorophenol
Concen: 46.214 ng
RT: 7.546 min Scan# 767
Delta R.T. -0.005 min
Lab File: BG049938.D
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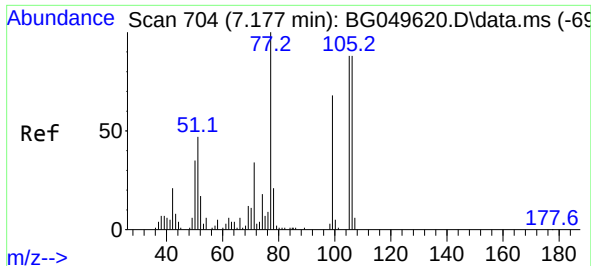
Tgt Ion: 128 Resp: 78516
Ion Ratio Lower Upper
128 100
130 35.1 10.0 50.0
64 52.7 28.1 68.1



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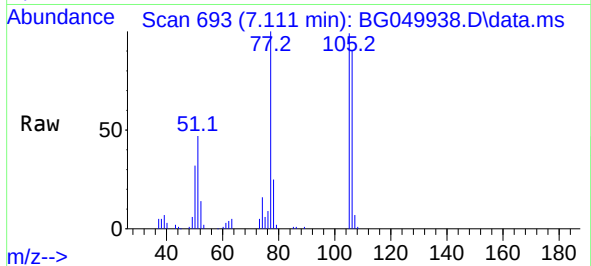
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#9
Benzaldehyde
Concen: 37.759 ng
RT: 7.111 min Scan# 693
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

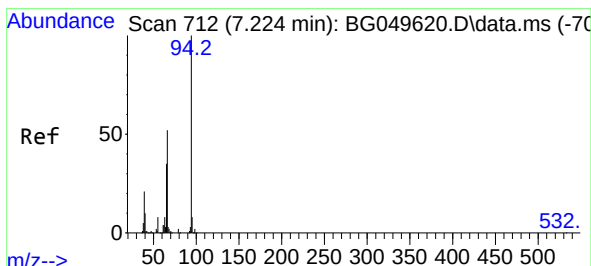
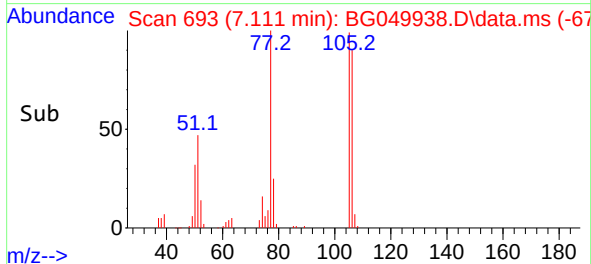
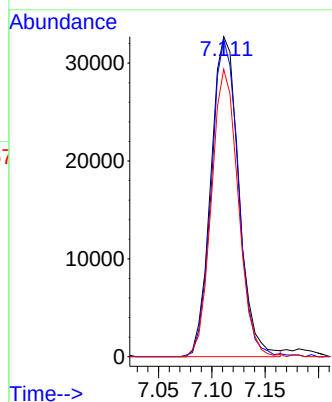
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



Tgt Ion: 77 Resp: 59430
Ion Ratio Lower Upper
77 100
105 99.2 68.8 108.8
106 89.8 47.9 87.9#

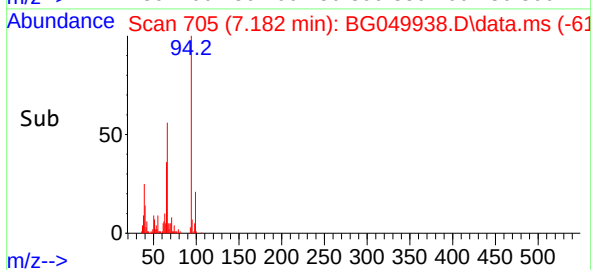
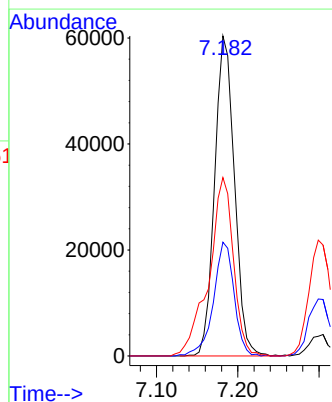
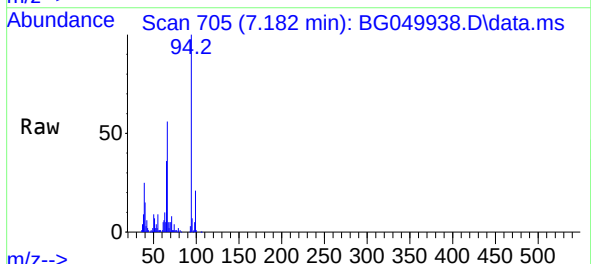
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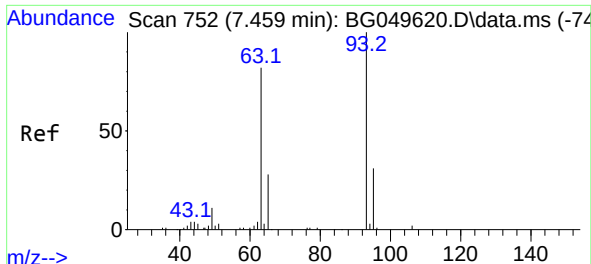
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#10
Phenol
Concen: 44.829 ng
RT: 7.182 min Scan# 705
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

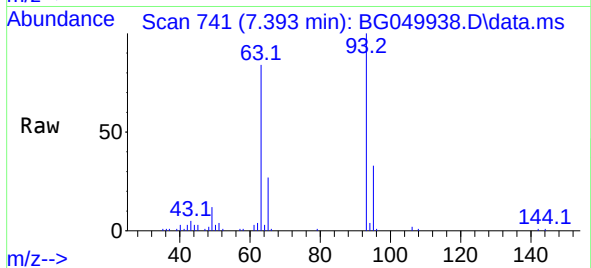
Tgt Ion: 94 Resp: 102461
Ion Ratio Lower Upper
94 100
65 35.6 12.9 52.9
66 55.7 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 43.019 ng
RT: 7.393 min Scan# 741
Delta R.T. -0.011 min
Lab File: BG049938.D
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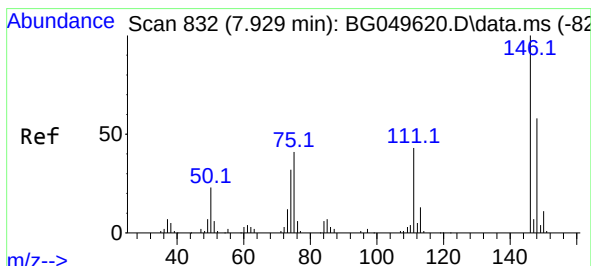
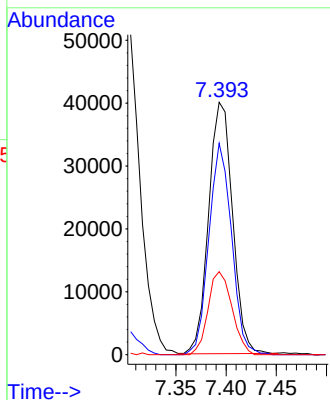
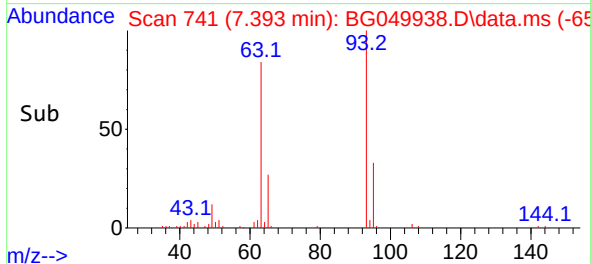
Instrument :
BNA_G
ClientSampleId :
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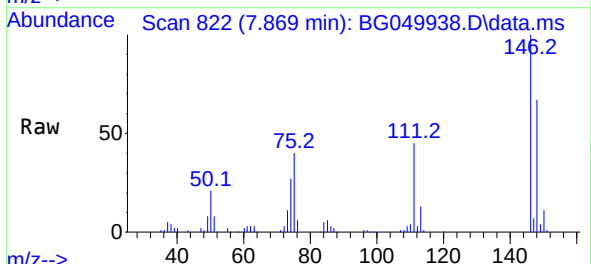
Tgt Ion: 93 Resp: 66388
Ion Ratio Lower Upper
93 100
63 83.7 50.4 90.4
95 32.9 15.3 55.3

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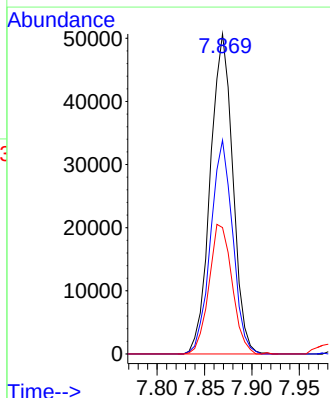
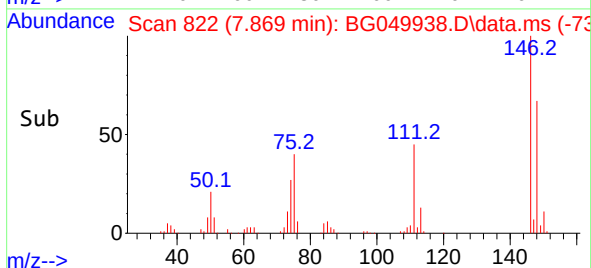
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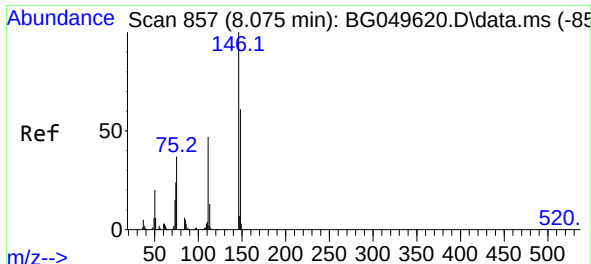


#12
1,3-Dichlorobenzene
Concen: 42.973 ng
RT: 7.869 min Scan# 822
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion: 146 Resp: 83617
Ion Ratio Lower Upper
146 100
148 66.8 52.6 78.8
75 39.5 35.7 53.5





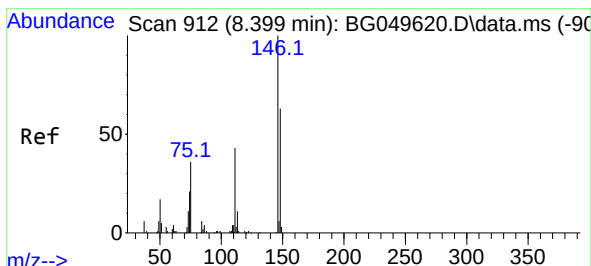
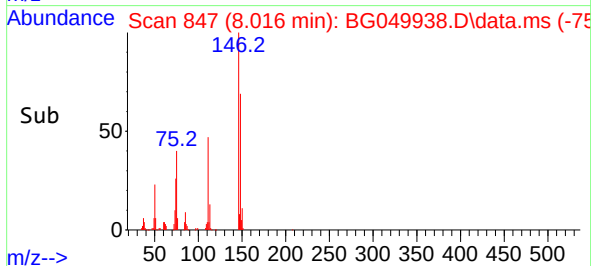
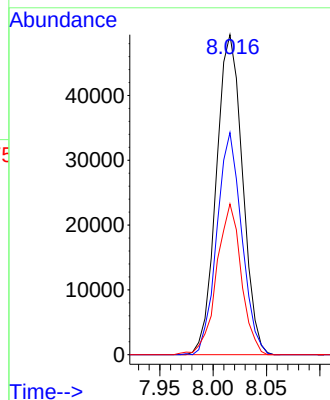
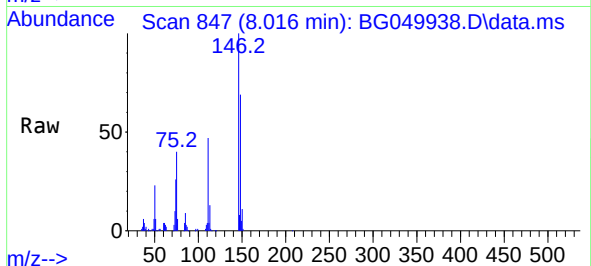
#13
1,4-Dichlorobenzene
Concen: 42.765 ng
RT: 8.016 min Scan# 847
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:146 Resp: 84229
Ion Ratio Lower Upper
146 100
148 69.4 54.0 81.0
111 47.1 34.3 51.5

Instrument :
BNA_G
ClientSampleId :
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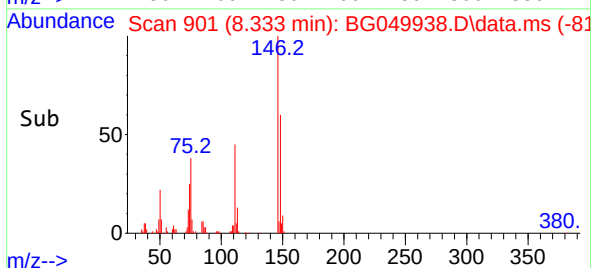
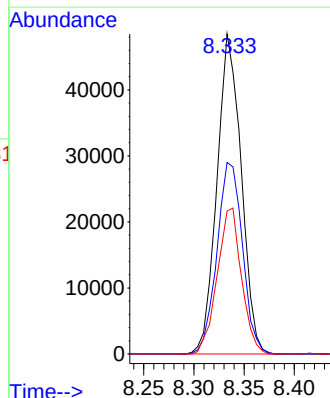
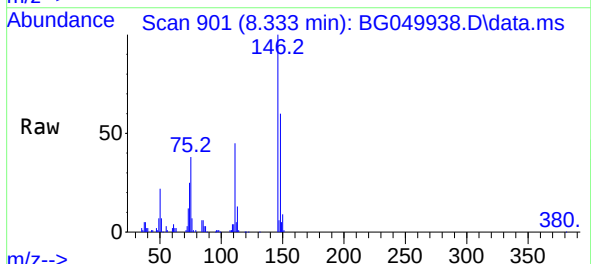
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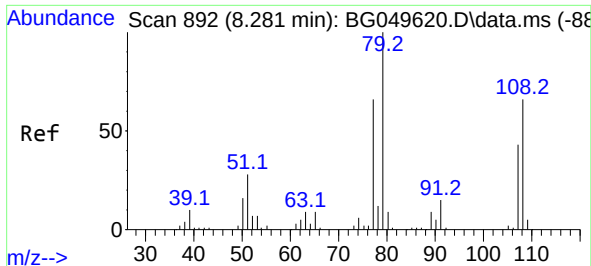
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#14
1,2-Dichlorobenzene
Concen: 43.614 ng
RT: 8.333 min Scan# 901
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:146 Resp: 81378
Ion Ratio Lower Upper
146 100
148 59.9 47.5 71.3
111 44.7 39.1 58.7





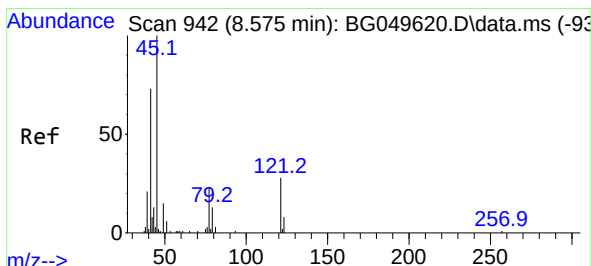
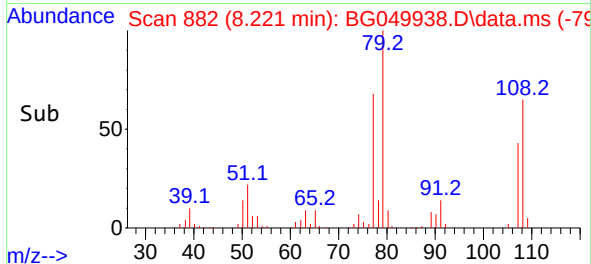
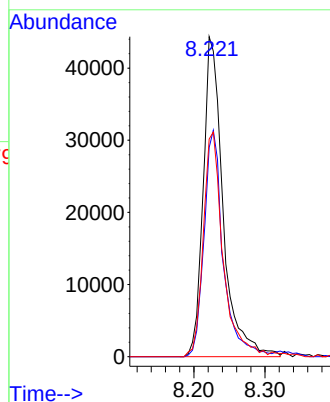
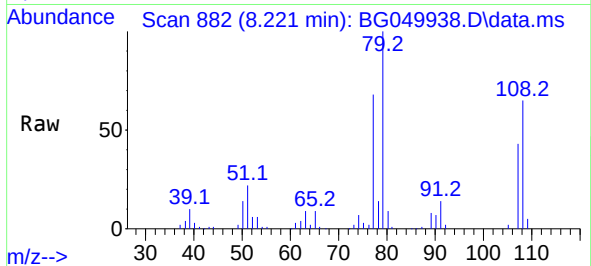
#15
Benzyl Alcohol
Concen: 43.557 ng
RT: 8.221 min Scan# 882
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	79	Resp:	86286
Ion	Ratio	Lower	Upper
79	100		
108	65.3	48.2	72.4
77	68.0	57.3	85.9

Instrument :
BNA_G
ClientSampleId :
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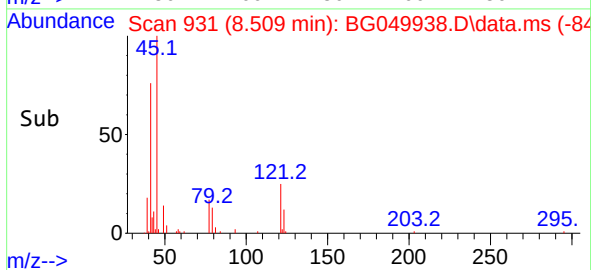
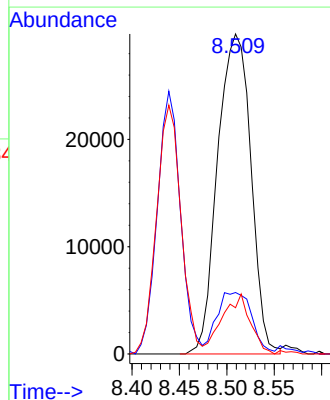
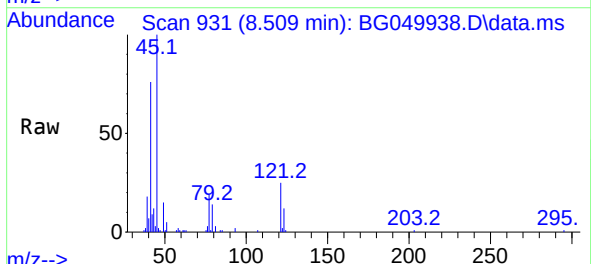
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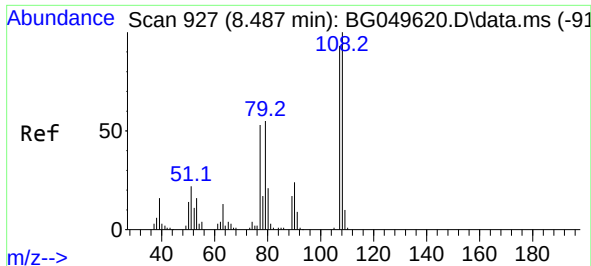
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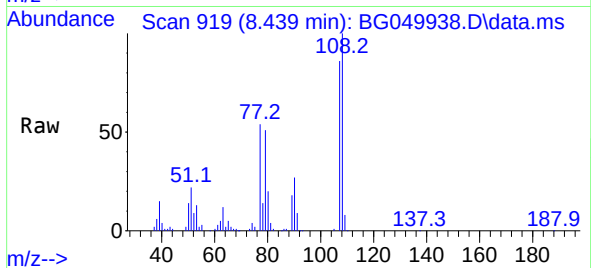
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.542 ng
RT: 8.509 min Scan# 931
Delta R.T. 0.000 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	45	Resp:	72844
Ion	Ratio	Lower	Upper
45	100		
77	19.2	2.2	42.2
79	14.5	0.0	34.3

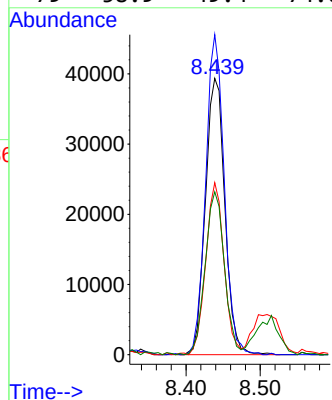




#17
2-Methylphenol
Concen: 47.580 ng
RT: 8.439 min Scan# 919
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



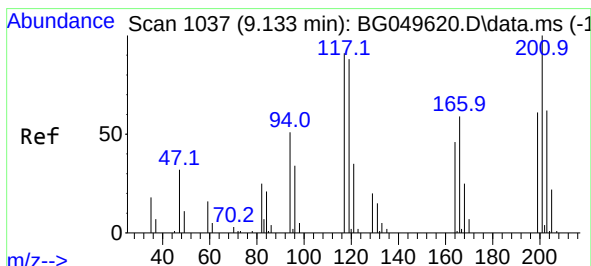
Tgt Ion:	107	Resp:	71612
Ion	Ratio	Lower	Upper
107	100		
108	115.8	84.6	127.0
77	62.2	50.7	76.1
79	58.9	49.4	74.0



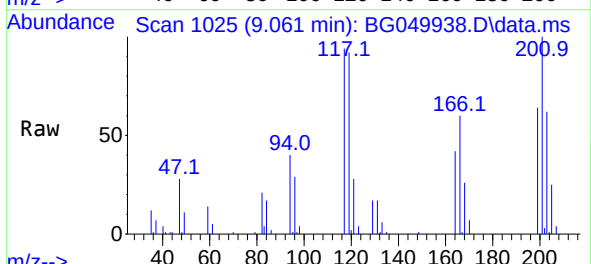
Instrument :
BNA_G
ClientSampleId :
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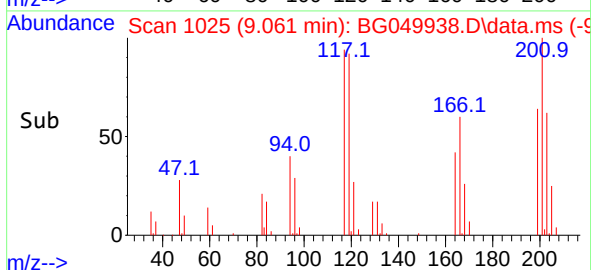
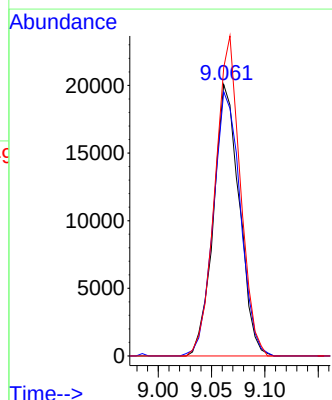
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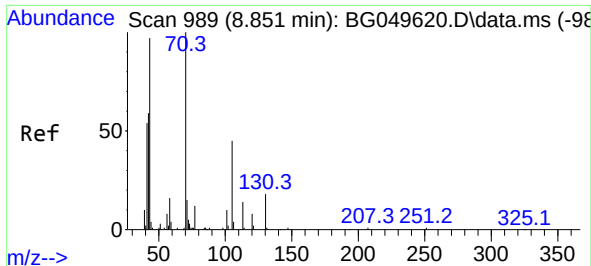


#18
Hexachloroethane
Concen: 44.537 ng
RT: 9.061 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:	117	Resp:	33721
Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.4	111.6
201	106.3	88.6	133.0





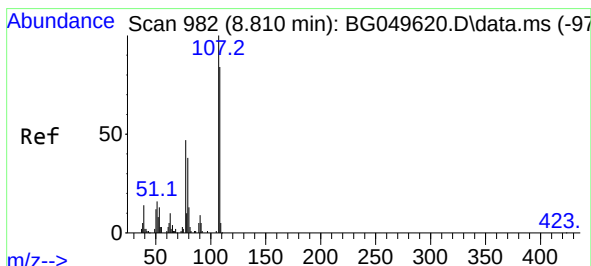
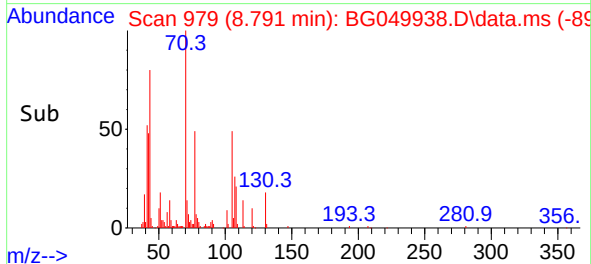
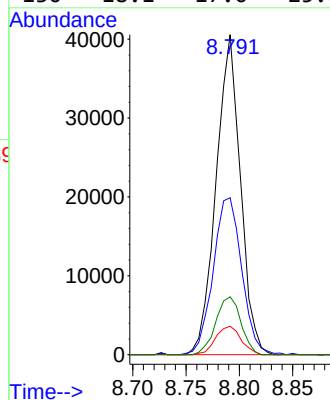
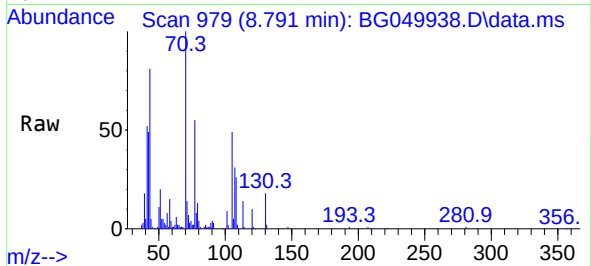
#19
n-Nitroso-di-n-propylamine
Concen: 40.702 ng
RT: 8.791 min Scan# 979
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	70	Resp:	64248
Ion	Ratio	Lower	Upper
70	100		
42	49.1	54.5	81.7#
101	8.9	9.0	13.6#
130	18.1	17.0	25.6

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

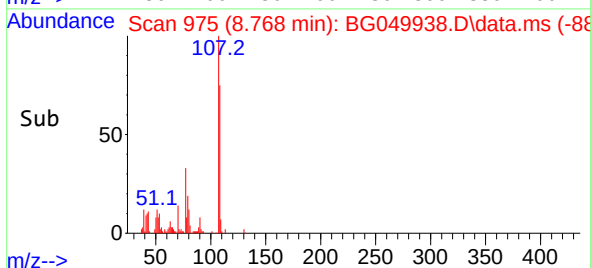
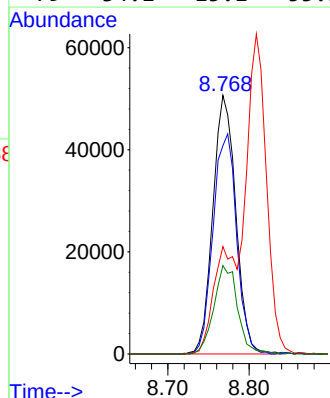
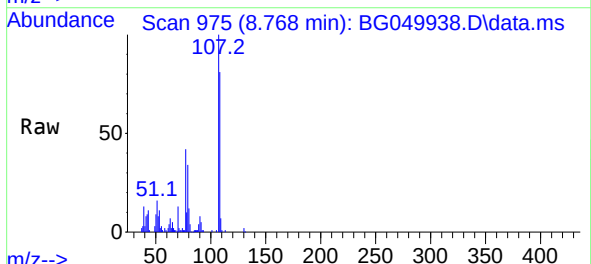
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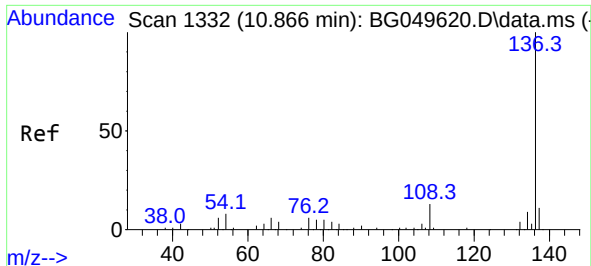
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#20
3+4-Methylphenols
Concen: 46.910 ng
RT: 8.768 min Scan# 975
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

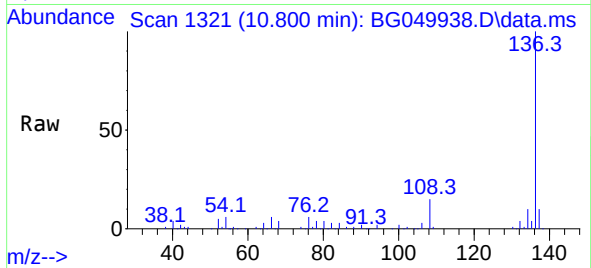
Tgt Ion:	107	Resp:	99158
Ion	Ratio	Lower	Upper
107	100		
108	80.6	69.3	109.3
77	41.5	25.2	65.2
79	34.1	15.1	55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

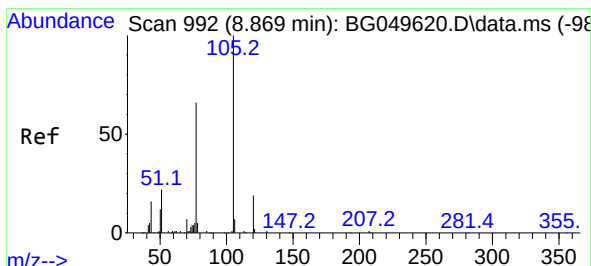
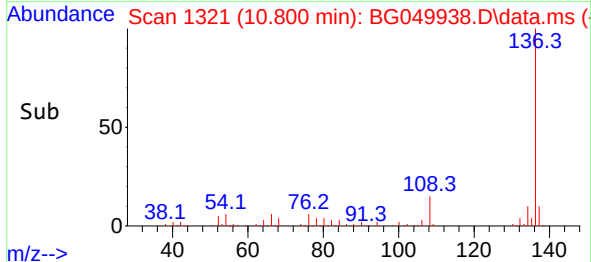
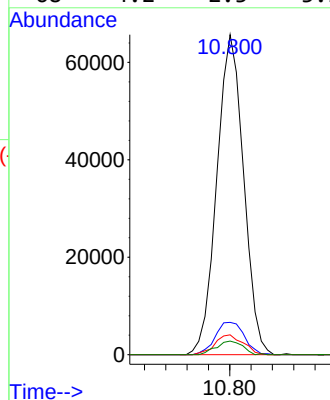
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:136 Resp: 114341
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.2
54 6.2 5.5 8.3
68 4.2 2.3 3.5#

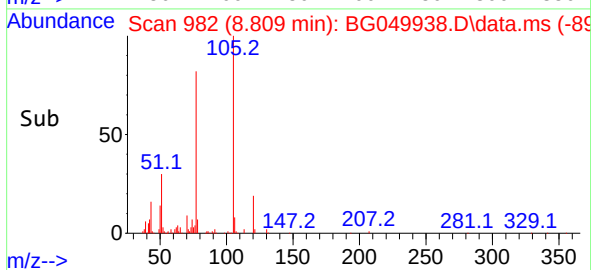
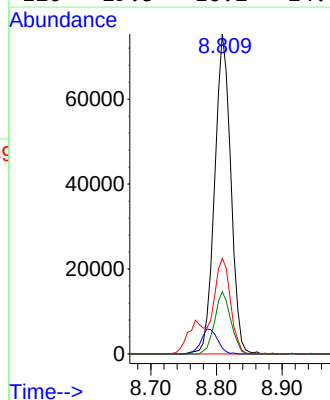
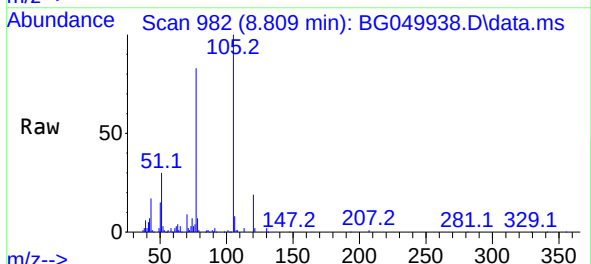
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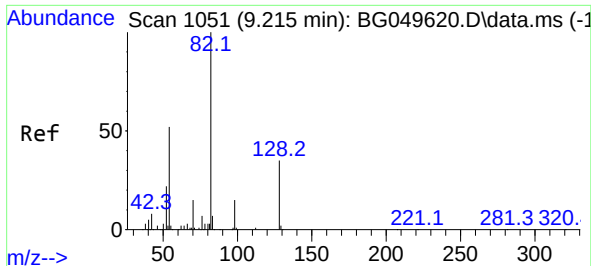
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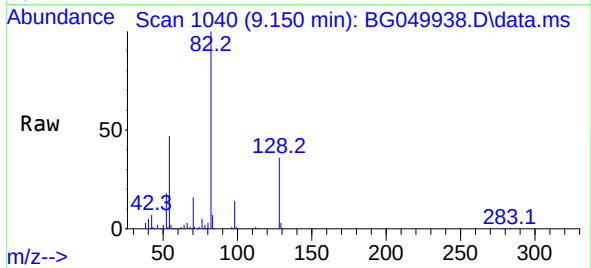
#22
Acetophenone
Concen: 41.306 ng
RT: 8.809 min Scan# 982
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:105 Resp: 128315
Ion Ratio Lower Upper
105 100
71 1.9 0.6 0.8#
51 29.8 26.6 40.0
120 19.5 16.2 24.4

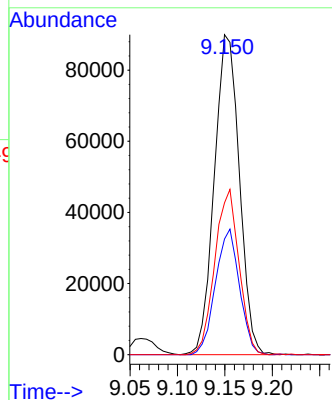




#23
Nitrobenzene-d5
Concen: 64.010 ng
RT: 9.150 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



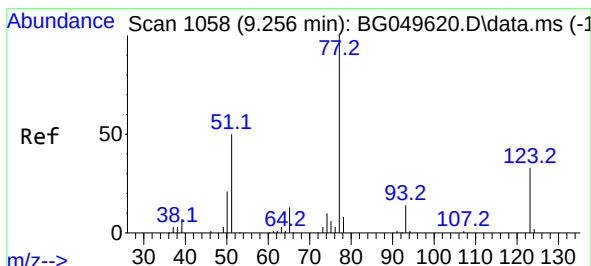
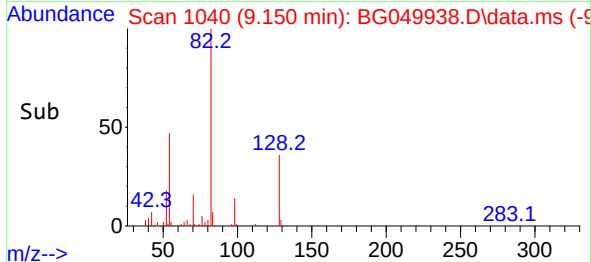
Tgt Ion: 82 Resp: 165395
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 47.4 45.8 68.8



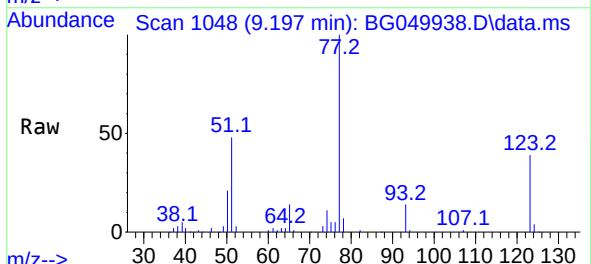
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

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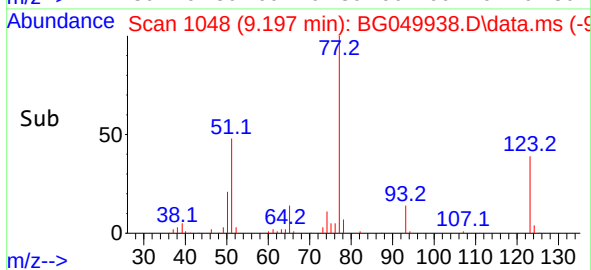
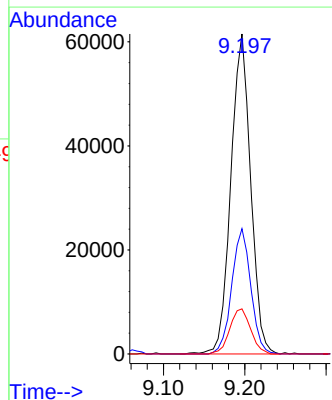
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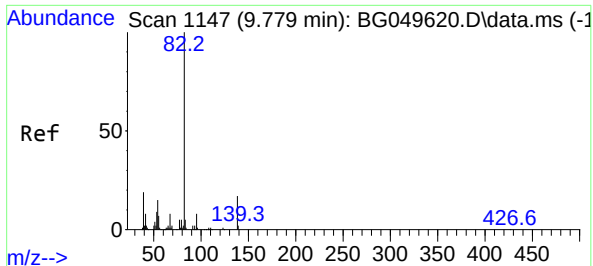


#24
Nitrobenzene
Concen: 38.125 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion: 77 Resp: 103951
Ion Ratio Lower Upper
77 100
123 39.2 27.5 41.3
65 14.1 12.6 18.8





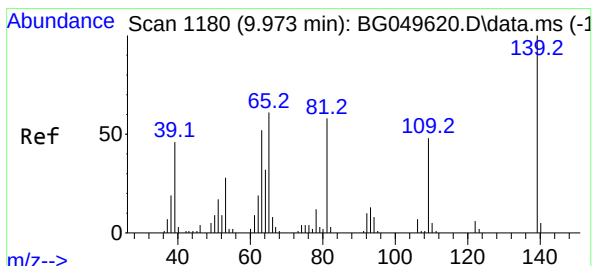
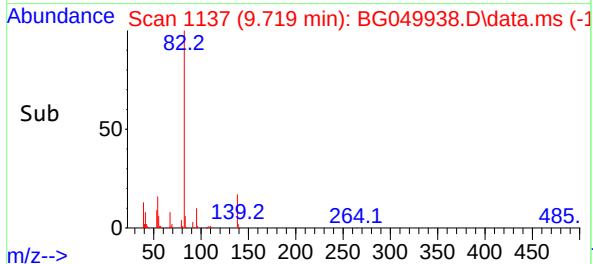
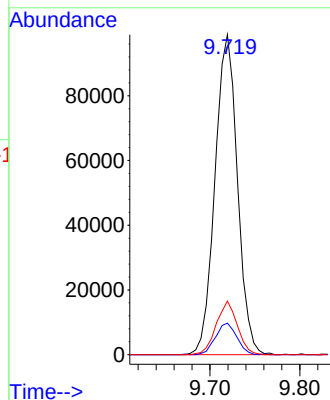
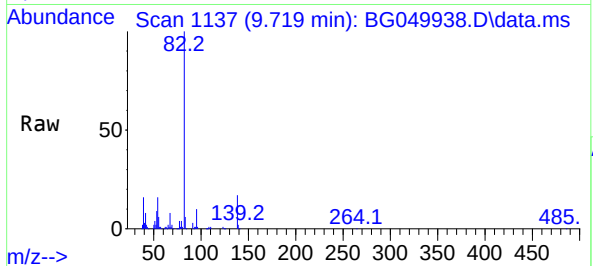
#25
Isophorone
Concen: 37.211 ng
RT: 9.719 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	82	Resp:	171574
Ion	Ratio	Lower	Upper
82	100		
95	9.8	8.5	12.7
138	16.8	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

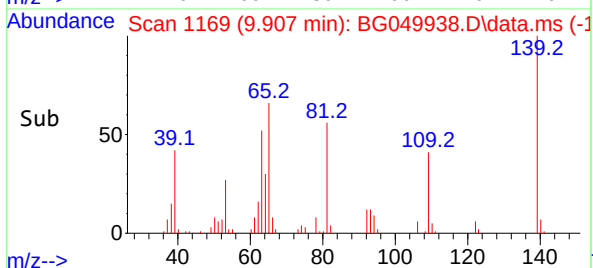
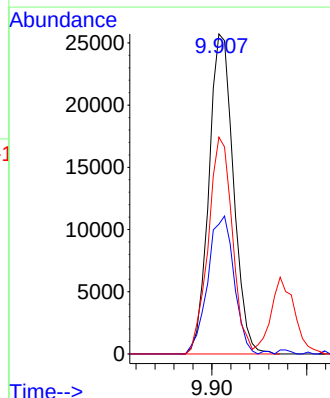
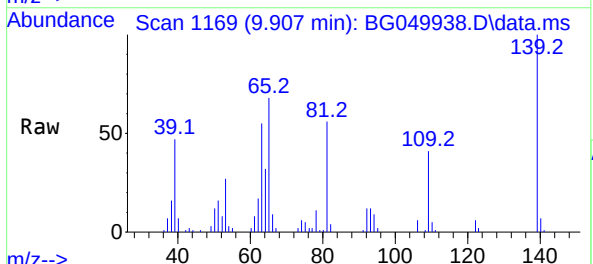
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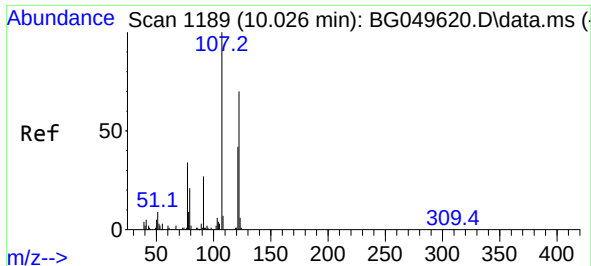
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#26
2-Nitrophenol
Concen: 44.347 ng
RT: 9.907 min Scan# 1169
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	139	Resp:	46145
Ion	Ratio	Lower	Upper
139	100		
109	40.6	37.8	56.6
65	67.7	51.8	77.8





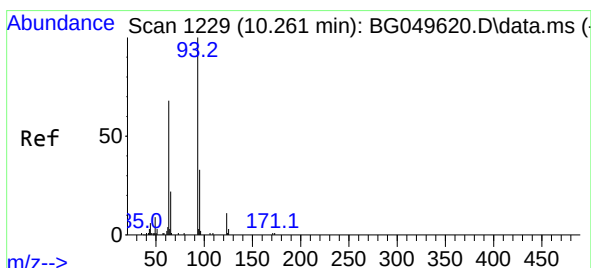
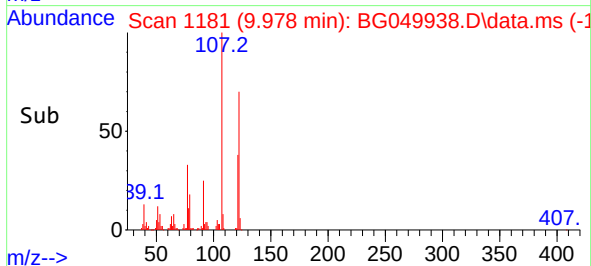
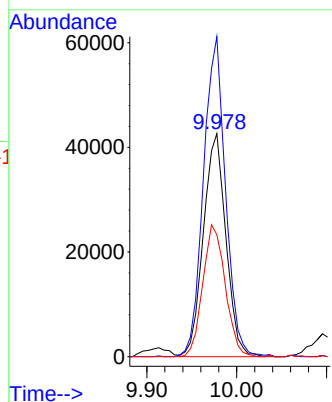
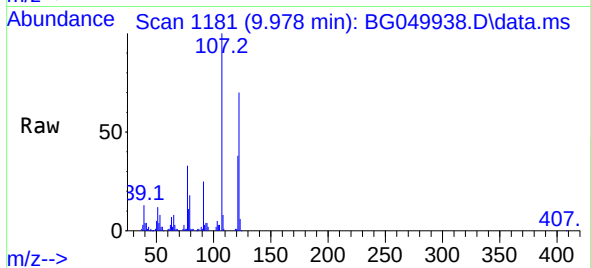
#27
2,4-Dimethylphenol
Concen: 48.249 ng
RT: 9.978 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:122 Resp: 74202
Ion Ratio Lower Upper
122 100
107 143.5 110.1 165.1
121 54.7 49.0 73.6

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

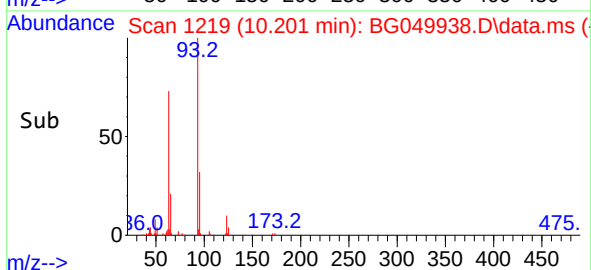
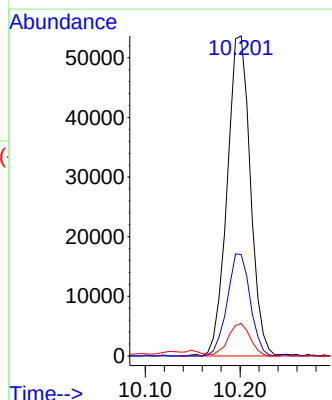
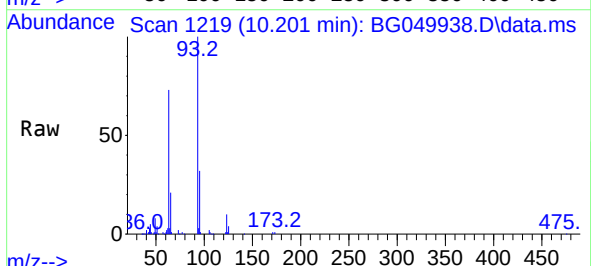
Manual Integrations
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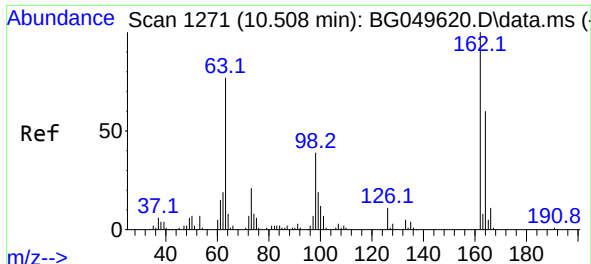
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.203 ng
RT: 10.201 min Scan# 1219
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

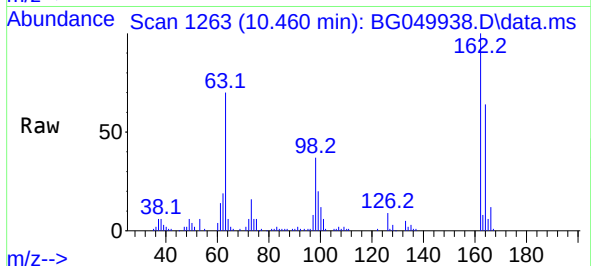
Tgt Ion: 93 Resp: 91173
Ion Ratio Lower Upper
93 100
95 31.7 22.2 33.4
123 10.2 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 43.205 ng
RT: 10.460 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

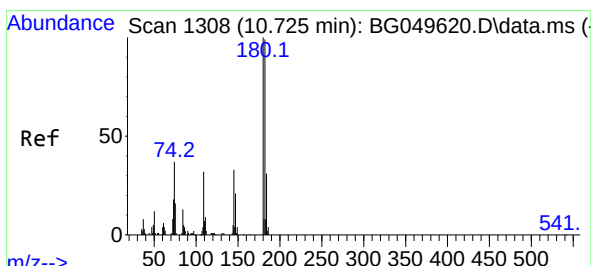
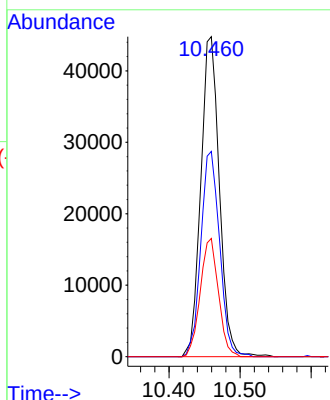
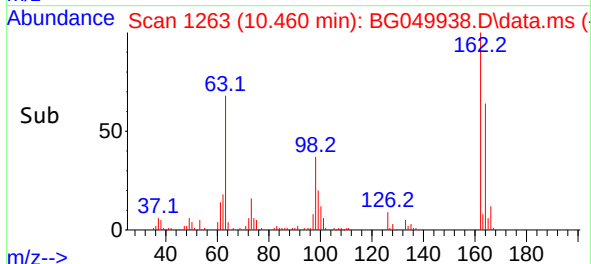
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



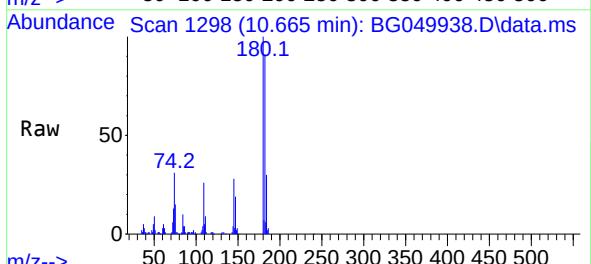
Tgt Ion:162 Resp: 81539
Ion Ratio Lower Upper
162 100
164 64.1 39.4 79.4
98 37.0 18.7 58.7

Manual Integrations
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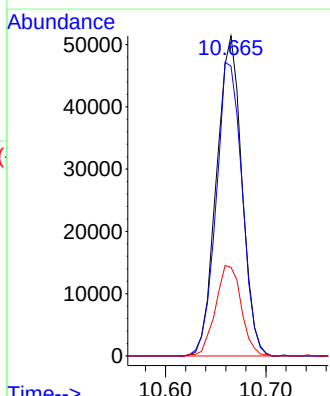
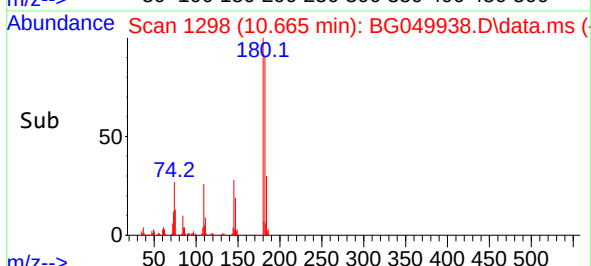
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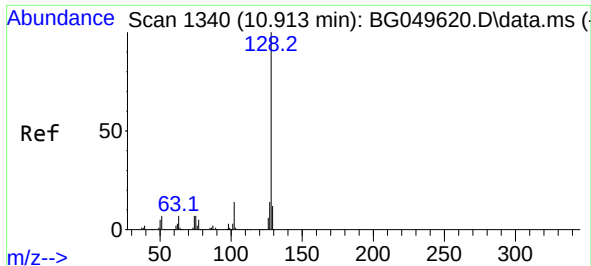


#30
1,2,4-Trichlorobenzene
Concen: 43.240 ng
RT: 10.665 min Scan# 1298
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:180 Resp: 89853
Ion Ratio Lower Upper
180 100
182 90.5 78.9 118.3
145 27.7 26.2 39.4





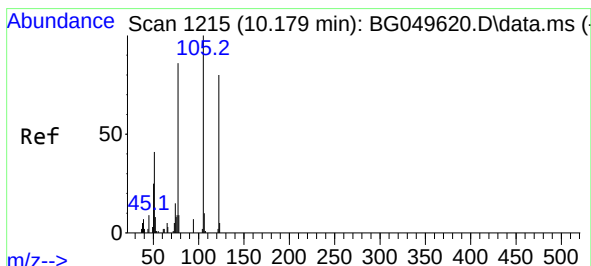
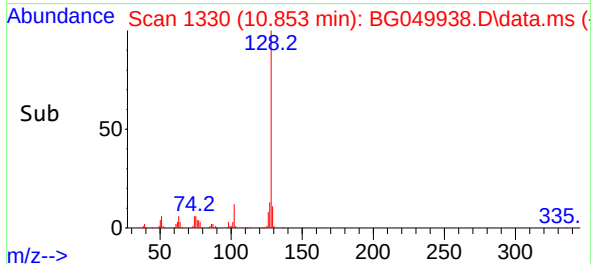
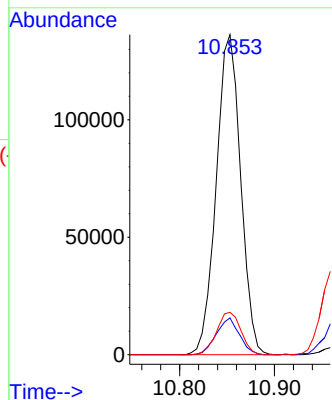
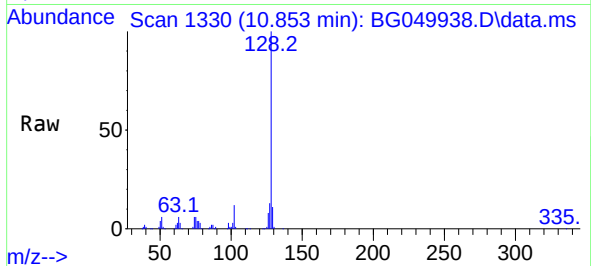
#31
Naphthalene
Concen: 40.663 ng
RT: 10.853 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:128 Resp: 243499
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.3 10.2 15.4

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

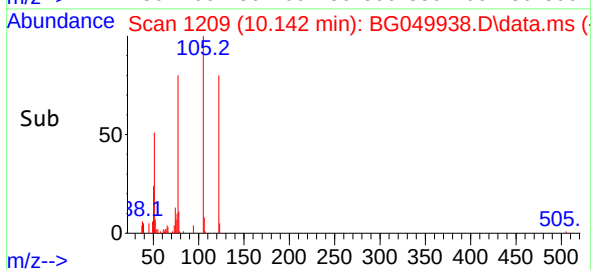
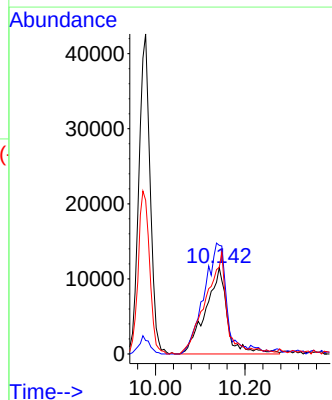
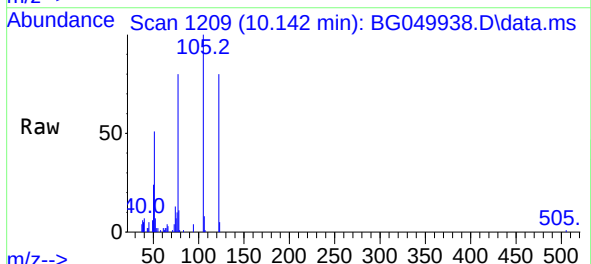
Manual Integrations
APPROVED

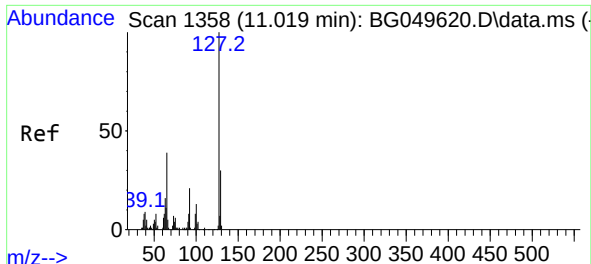
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#32
Benzoic acid
Concen: 37.071 ng m
RT: 10.142 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

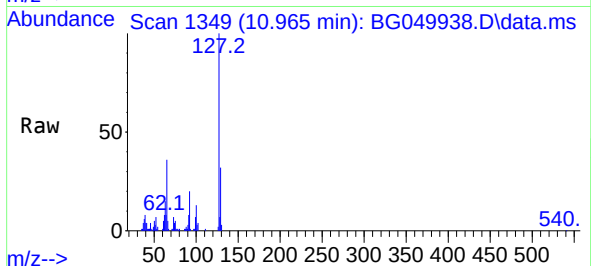
Tgt Ion:122 Resp: 38896
Ion Ratio Lower Upper
122 100
105 125.8 92.3 132.3
77 100.1 66.5 106.5





#33
4-Chloroaniline
Concen: 30.154 ng
RT: 10.965 min Scan# 1349
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

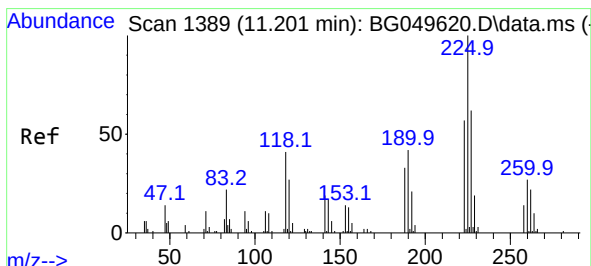
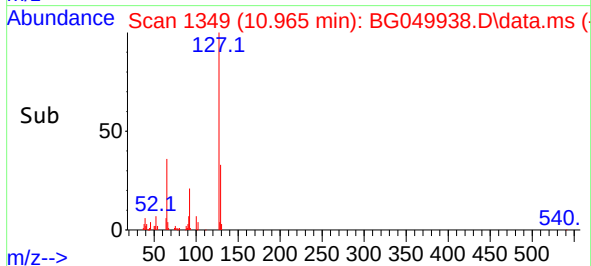
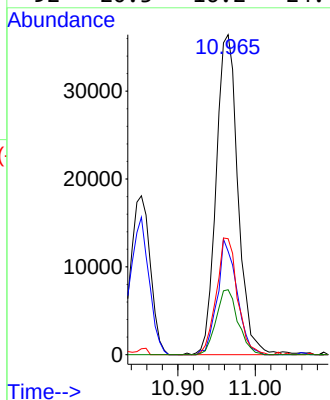
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



Tgt Ion:	127	Resp:	71287
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.7	40.1
65	36.2	32.8	49.2
92	20.3	16.2	24.4

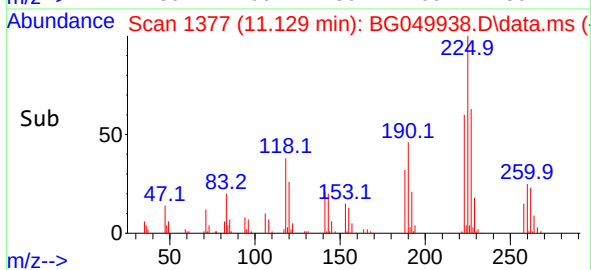
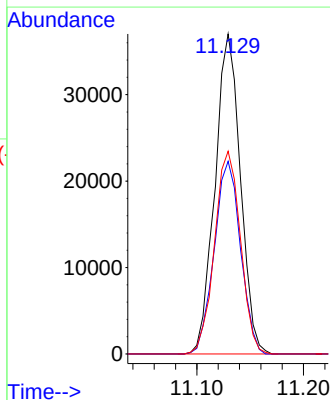
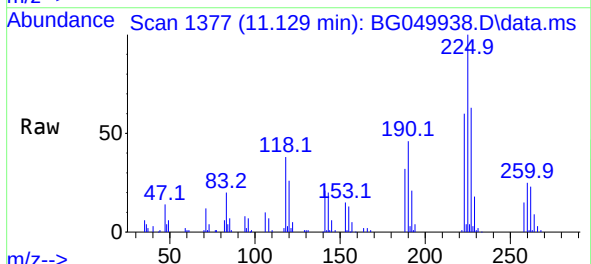
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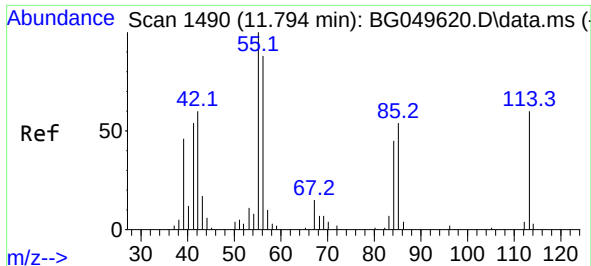
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#34
Hexachlorobutadiene
Concen: 40.585 ng
RT: 11.129 min Scan# 1377
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	225	Resp:	61285
Ion Ratio	Lower	Upper	
225	100		
223	60.2	49.8	74.8
227	63.3	46.4	69.6





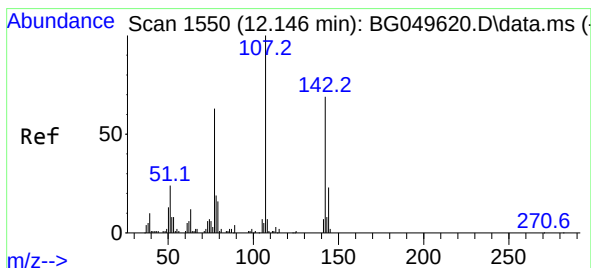
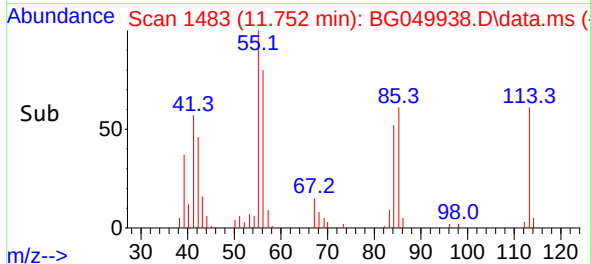
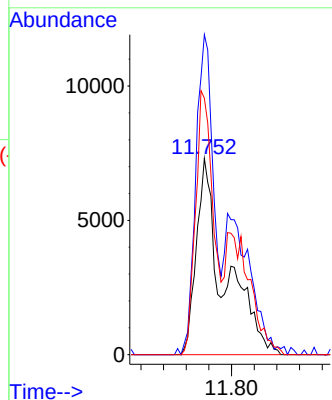
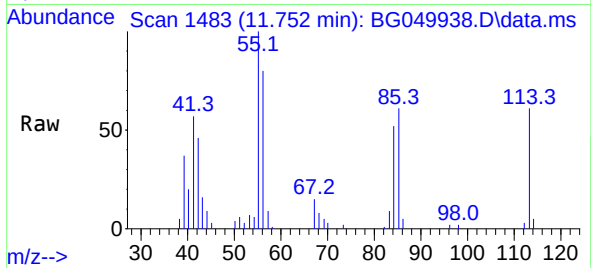
#35
Caprolactam
Concen: 43.194 ng m
RT: 11.752 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:113 Resp: 25187
Ion Ratio Lower Upper
113 100
55 163.0 113.8 153.8#
56 130.7 105.6 145.6

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

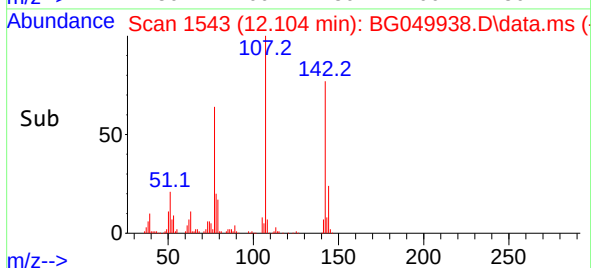
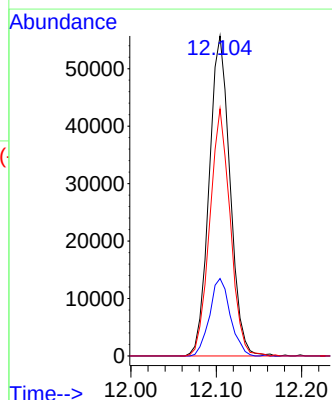
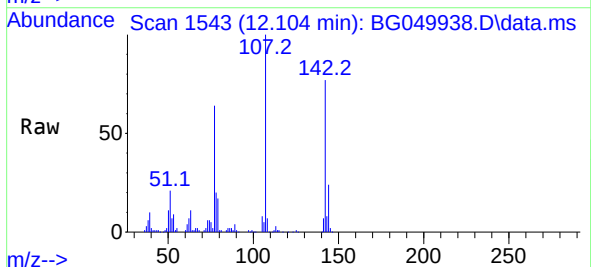
Manual Integrations
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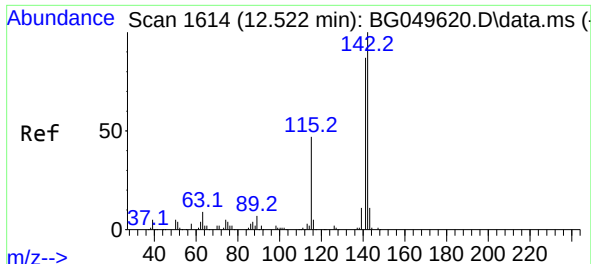
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#36
4-Chloro-3-methylphenol
Concen: 43.483 ng
RT: 12.104 min Scan# 1543
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:107 Resp: 94791
Ion Ratio Lower Upper
107 100
144 24.2 24.8 37.2#
142 77.3 62.2 93.4





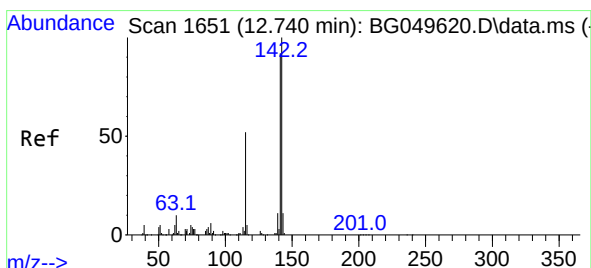
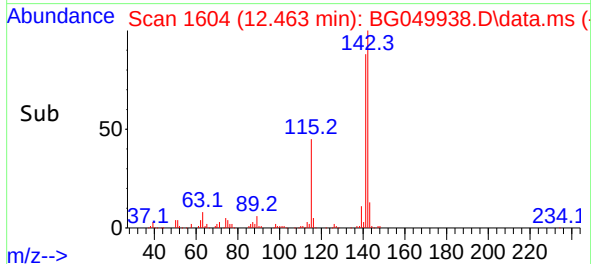
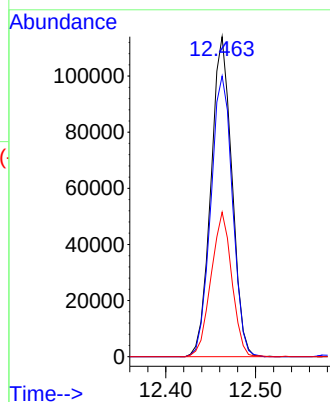
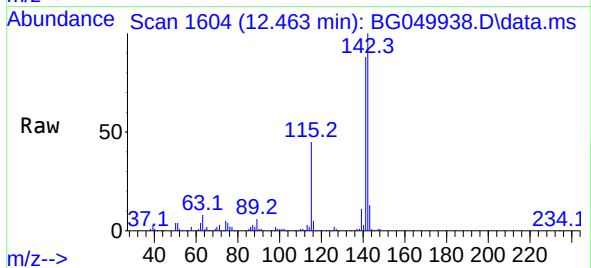
#37
2-Methylnaphthalene
Concen: 40.997 ng
RT: 12.463 min Scan# 1604
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:142 Resp: 184939
Ion Ratio Lower Upper
142 100
141 87.7 68.8 103.2
115 45.1 36.4 54.6

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

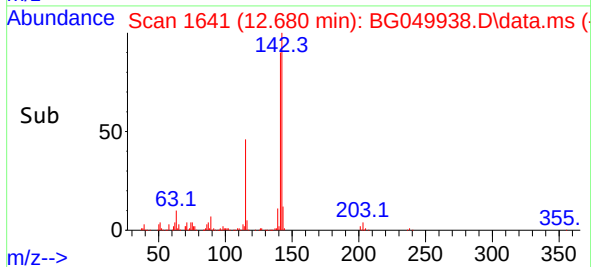
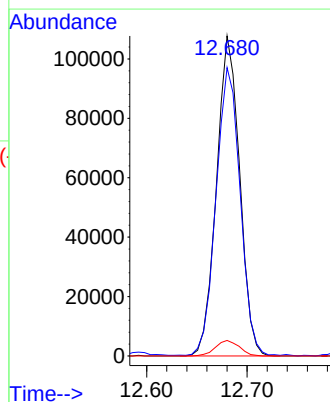
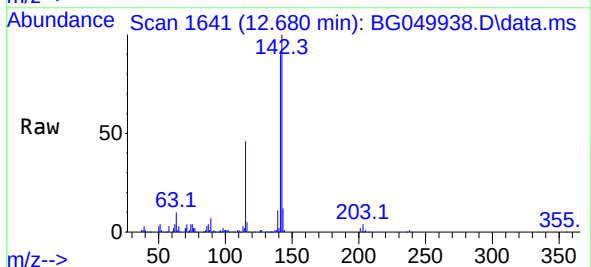
Manual Integrations
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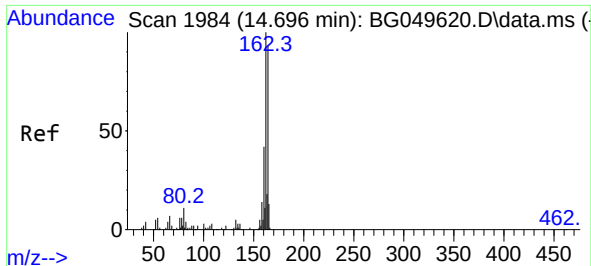
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#38
1-Methylnaphthalene
Concen: 40.673 ng
RT: 12.680 min Scan# 1641
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

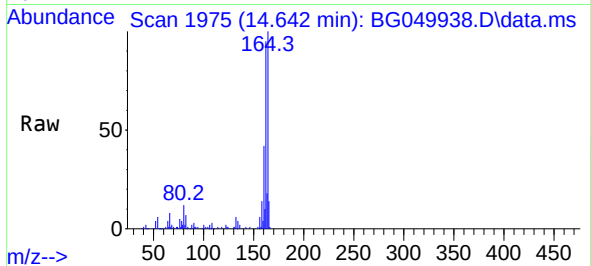
Tgt Ion:142 Resp: 172436
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0
116 4.8 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.642 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

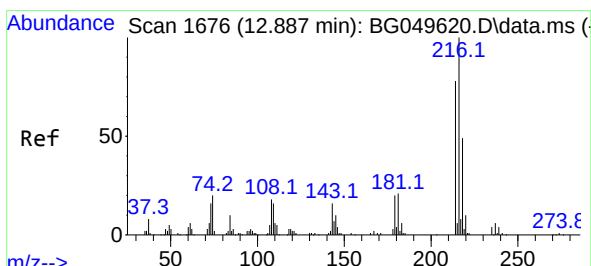
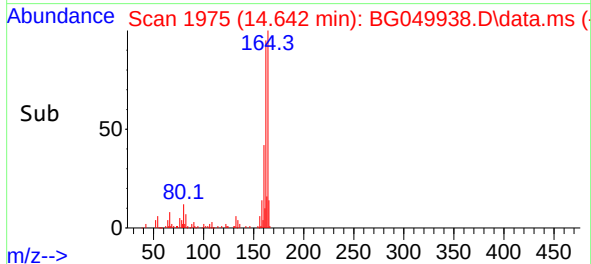
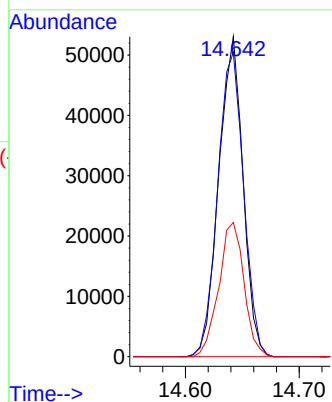
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



Tgt Ion:164 Resp: 78674
Ion Ratio Lower Upper
164 100
162 95.1 81.4 122.0
160 41.9 34.9 52.3

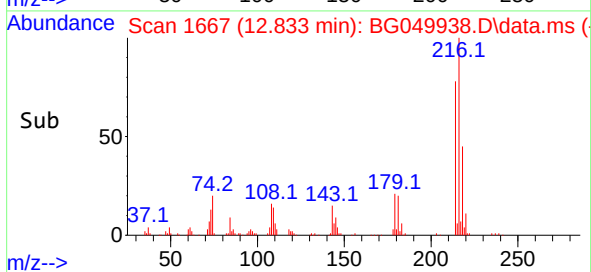
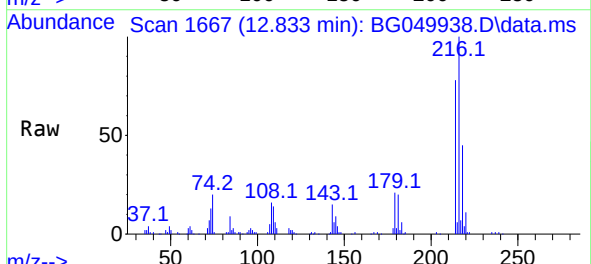
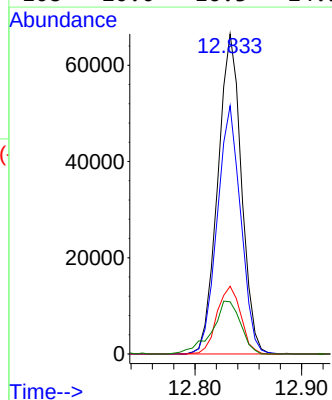
Manual Integrations
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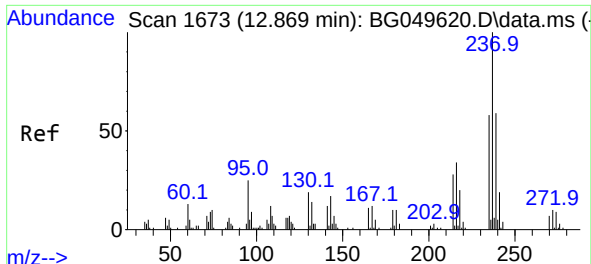
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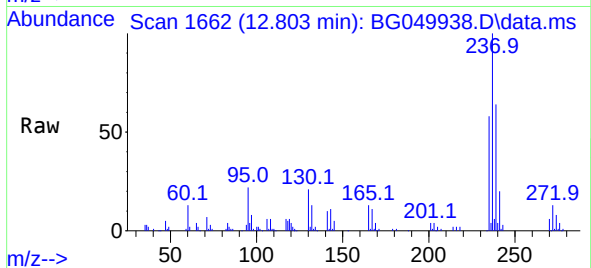
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.032 ng
RT: 12.833 min Scan# 1667
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:216 Resp: 102072
Ion Ratio Lower Upper
216 100
214 77.3 61.4 92.2
179 21.4 17.3 25.9
108 20.0 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 56.354 ng
RT: 12.803 min Scan# 1662
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

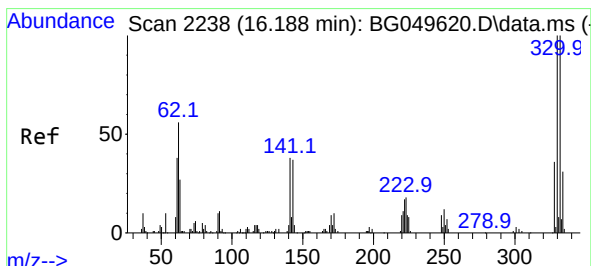
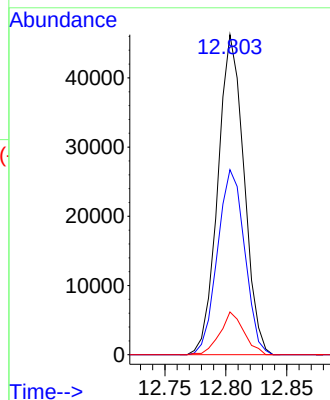
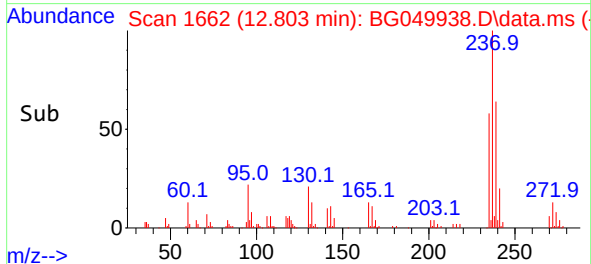


Tgt Ion: 237 Resp: 68954
Ion Ratio Lower Upper
237 100
235 57.8 36.6 76.6
272 13.4 0.0 32.5

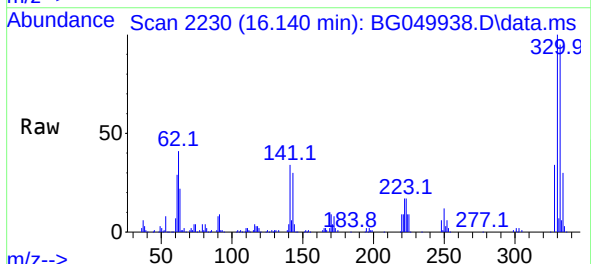
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

Manual Integrations
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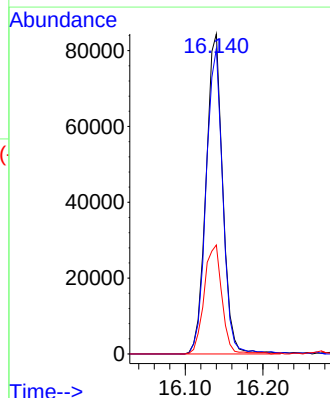
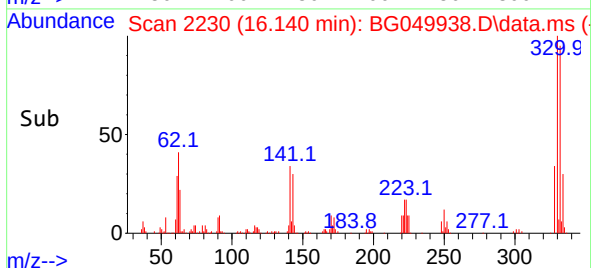
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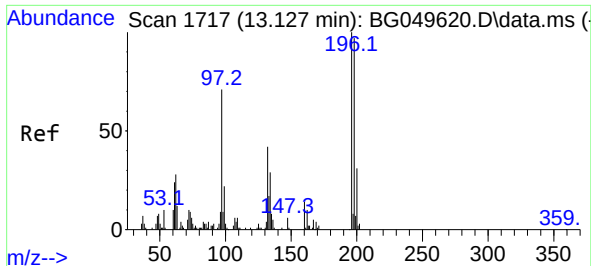


#42
2,4,6-Tribromophenol
Concen: 109.300 ng
RT: 16.140 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



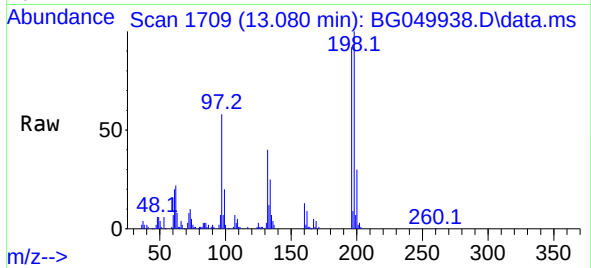
Tgt Ion: 330 Resp: 126395
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 36.2 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 44.141 ng
RT: 13.080 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

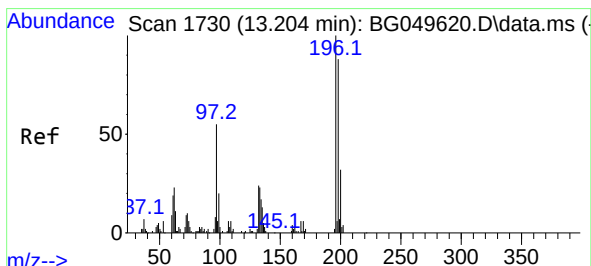
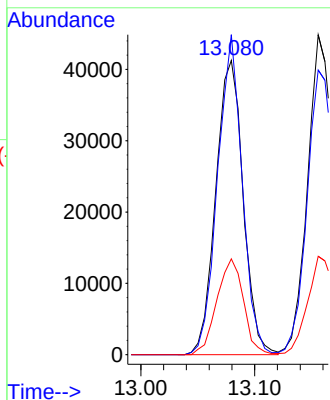
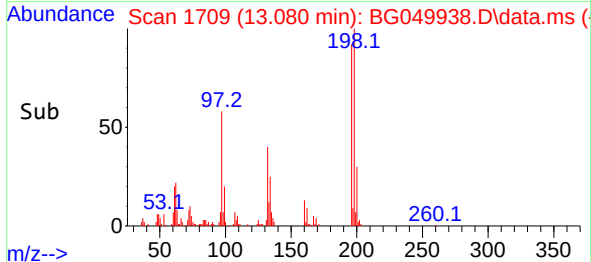
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



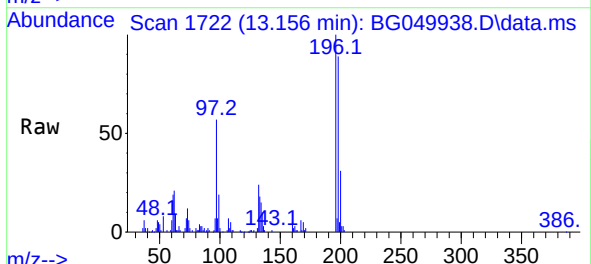
Tgt Ion:196 Resp: 68983
Ion Ratio Lower Upper
196 100
198 108.7 82.1 123.1
200 32.5 23.8 35.8

Manual Integrations
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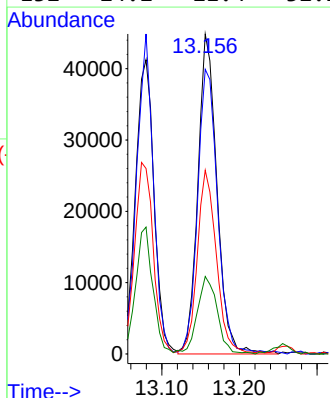
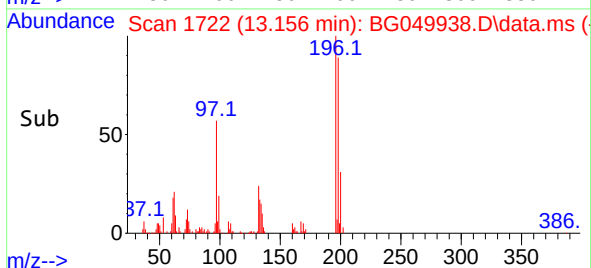
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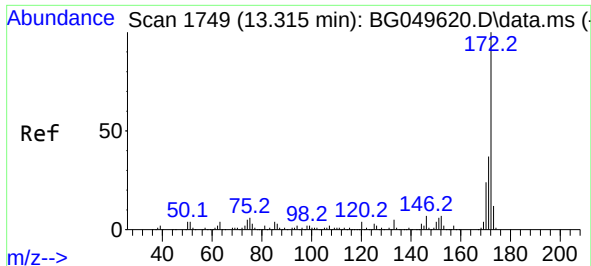


#44
2,4,5-Trichlorophenol
Concen: 45.194 ng
RT: 13.156 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:196 Resp: 76623
Ion Ratio Lower Upper
196 100
198 89.0 87.4 131.0
97 57.4 43.3 64.9
132 24.2 21.4 32.2





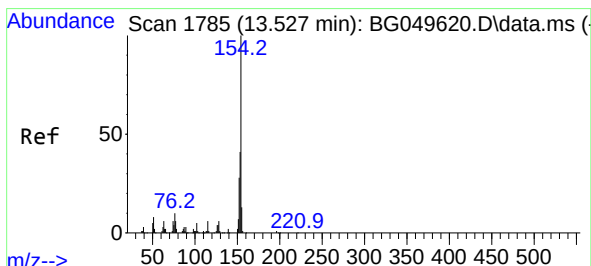
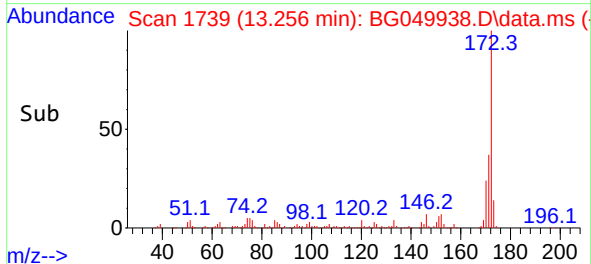
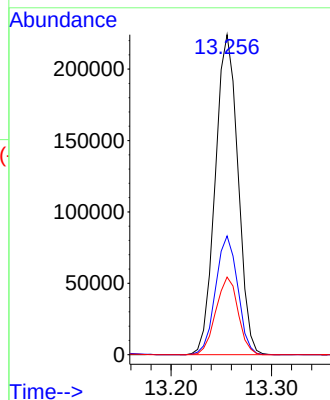
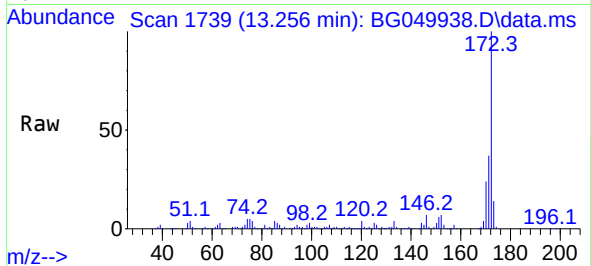
#45
2-Fluorobiphenyl
Concen: 65.055 ng
RT: 13.256 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:172 Resp: 351743
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.2 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
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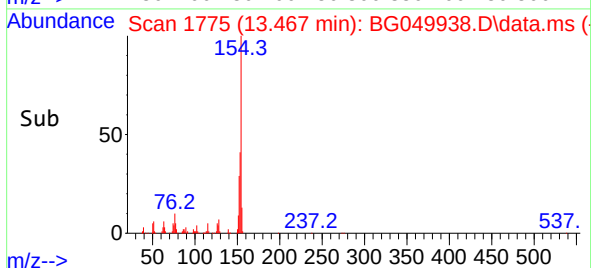
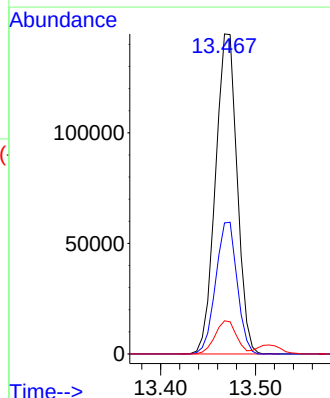
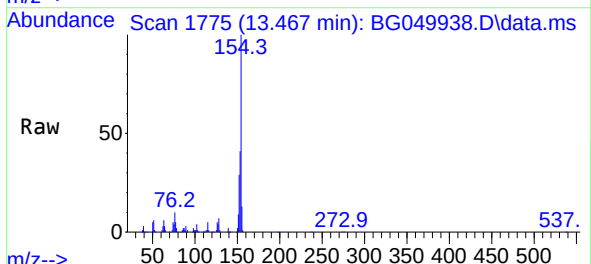
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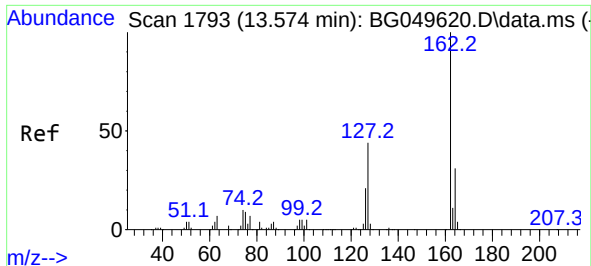
mohammad
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#46
1,1'-Biphenyl
Concen: 40.983 ng
RT: 13.467 min Scan# 1775
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

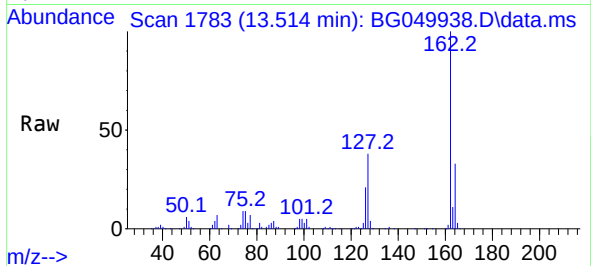
Tgt Ion:154 Resp: 229645
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 10.4 0.0 29.3





#47
2-Chloronaphthalene
Concen: 42.579 ng
RT: 13.514 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

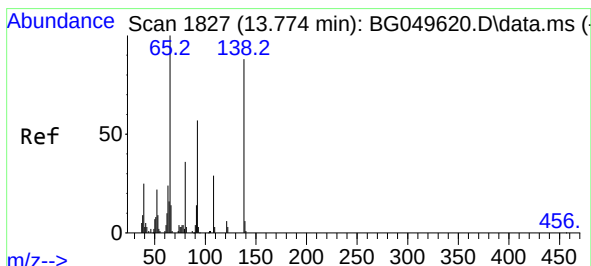
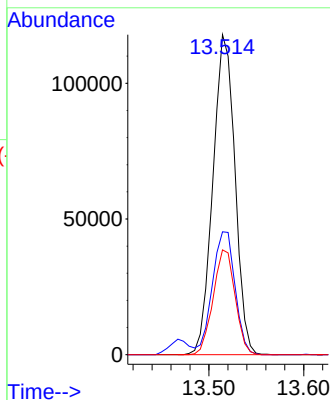
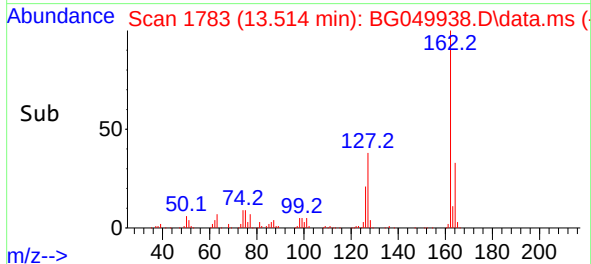
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



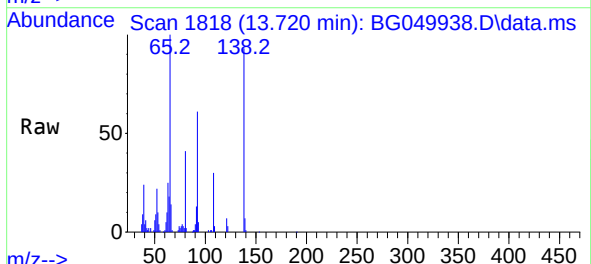
Tgt Ion:162 Resp: 190562
Ion Ratio Lower Upper
162 100
127 38.4 32.7 49.1
164 32.8 27.0 40.4

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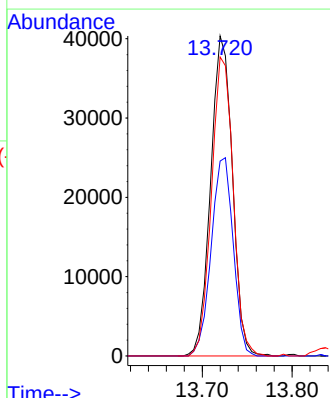
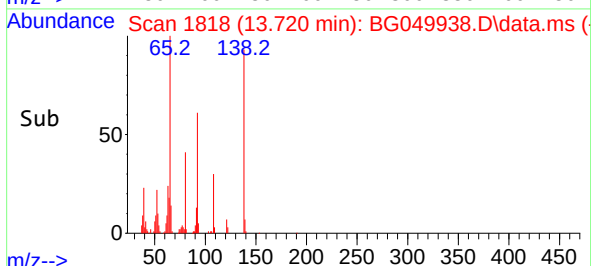
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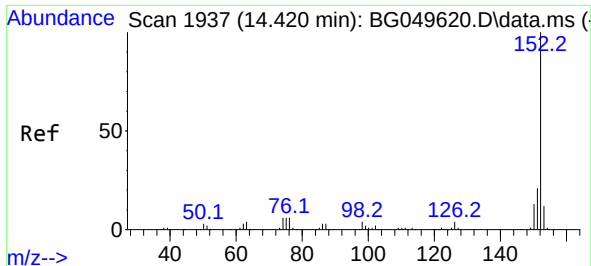


#48
2-Nitroaniline
Concen: 41.264 ng
RT: 13.720 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



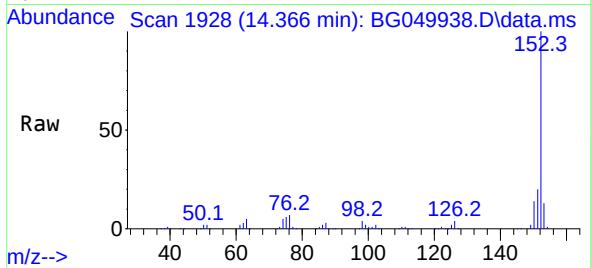
Tgt Ion: 65 Resp: 67812
Ion Ratio Lower Upper
65 100
92 60.9 47.2 70.8
138 93.4 68.0 102.0





#49
Acenaphthylene
Concen: 42.456 ng
RT: 14.366 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

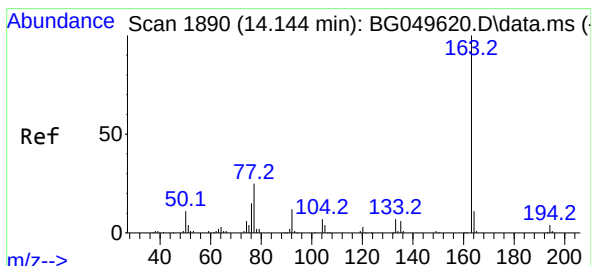
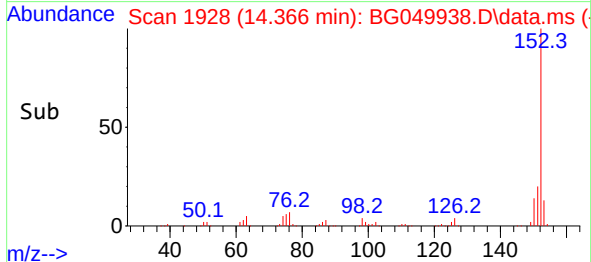
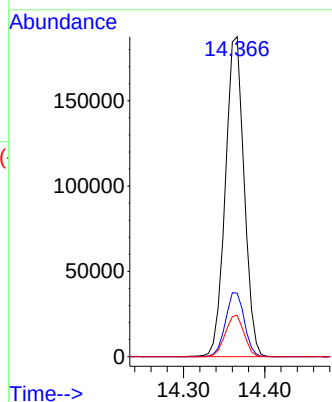
Instrument :
BNA_G
ClientSampleId :
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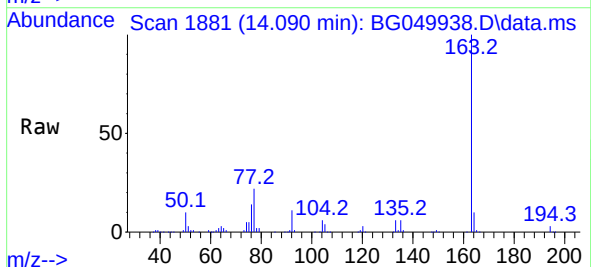
Tgt Ion:152 Resp: 301159
Ion Ratio Lower Upper
152 100
151 19.9 18.2 27.4
153 12.9 11.7 17.5

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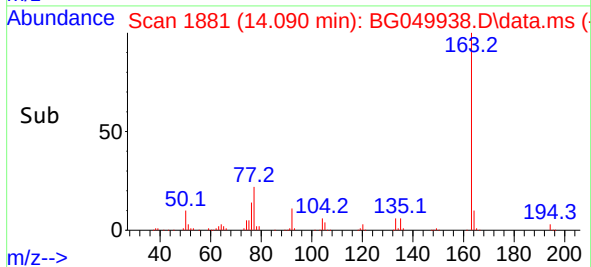
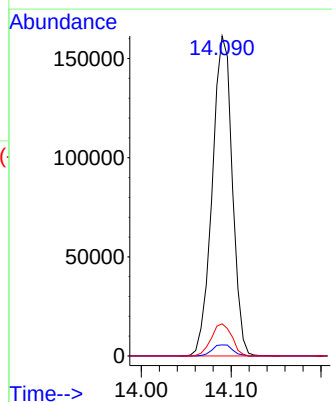
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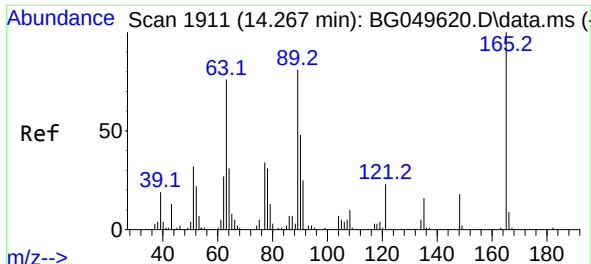


#50
Dimethylphthalate
Concen: 42.048 ng
RT: 14.090 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

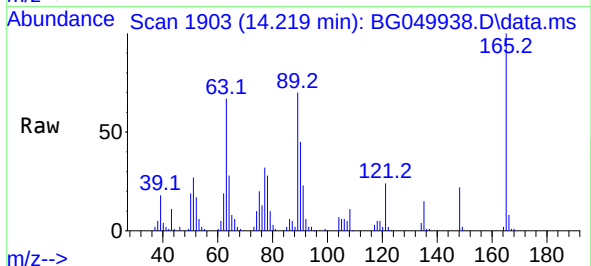


Tgt Ion:163 Resp: 249588
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 40.739 ng
RT: 14.219 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

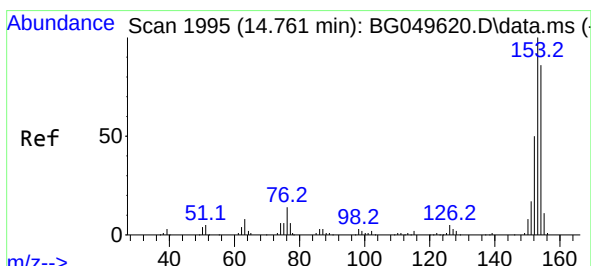
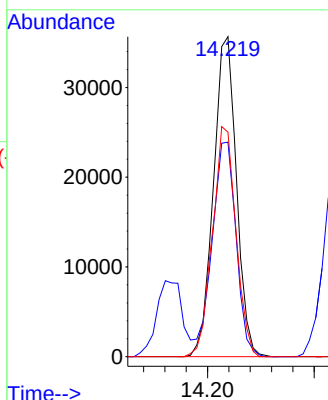
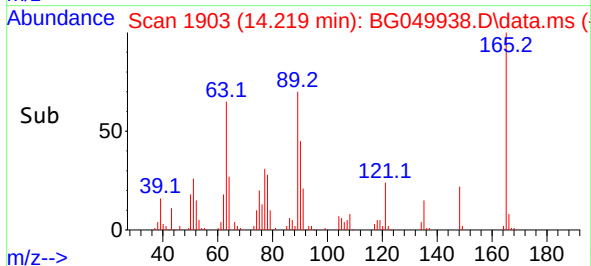


Tgt Ion:165 Resp: 53242
Ion Ratio Lower Upper
165 100
63 67.1 63.3 94.9
89 70.1 63.4 95.0

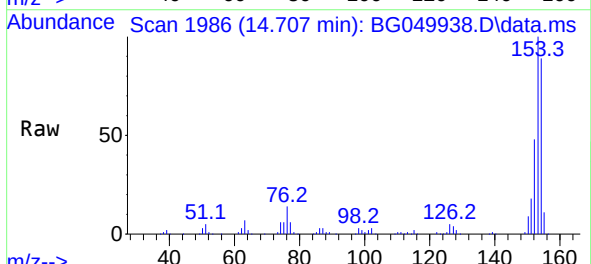
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

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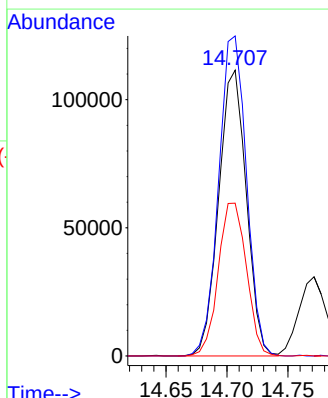
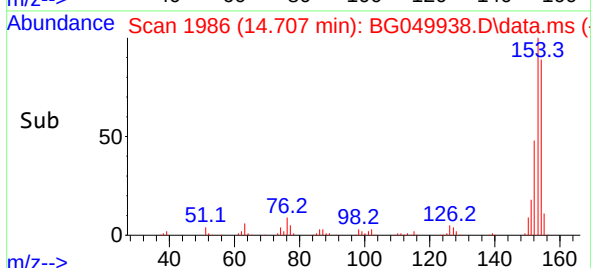
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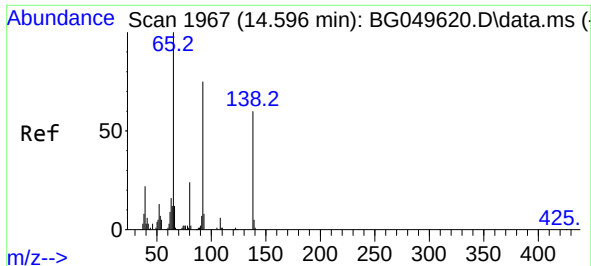


#52
Acenaphthene
Concen: 41.193 ng
RT: 14.707 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



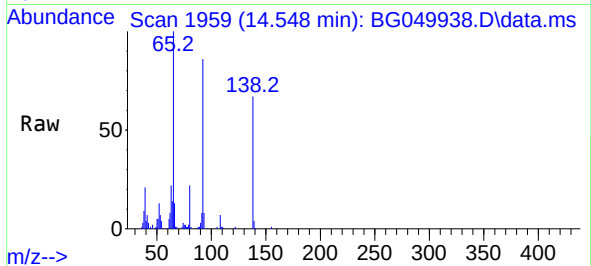
Tgt Ion:154 Resp: 176020
Ion Ratio Lower Upper
154 100
153 112.0 87.0 130.4
152 53.5 40.1 60.1





#53
3-Nitroaniline
Concen: 35.628 ng
RT: 14.548 min Scan# 1959
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

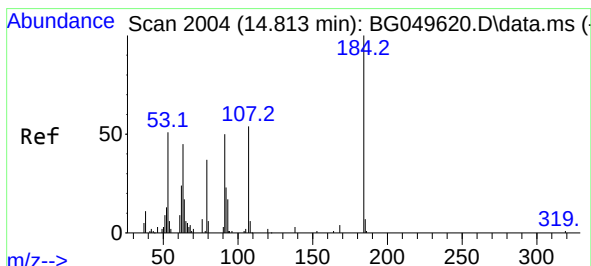
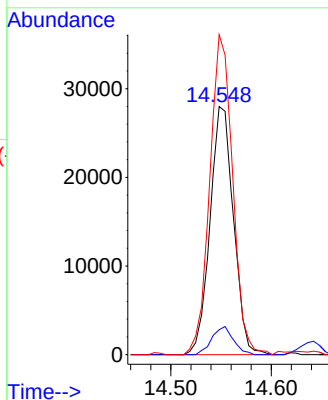
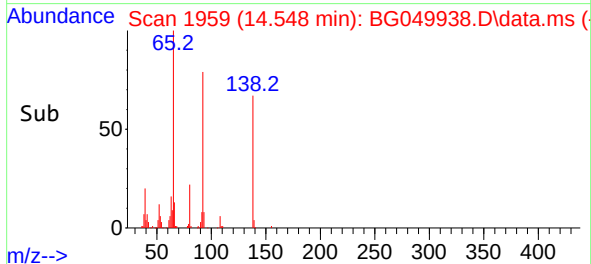
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



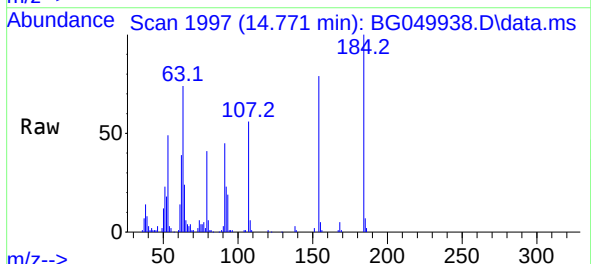
Tgt Ion:138 Resp: 45409
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 129.0 96.4 144.6

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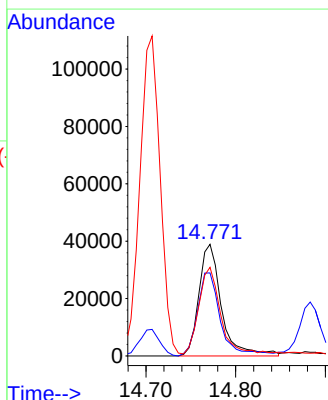
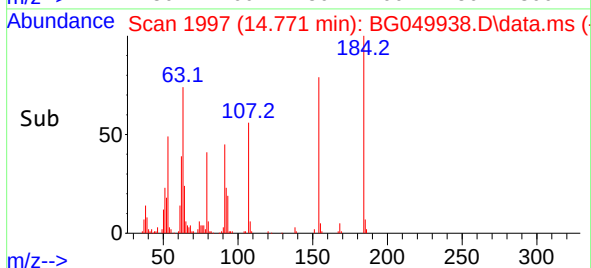
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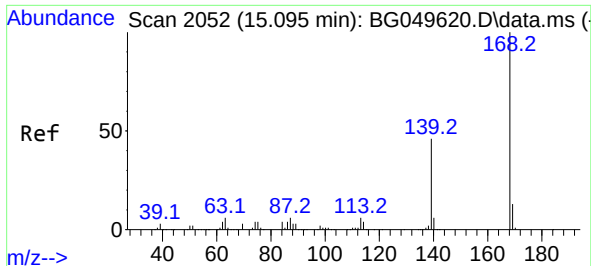


#54
2,4-Dinitrophenol
Concen: 91.860 ng m
RT: 14.771 min Scan# 1997
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:184 Resp: 68156
Ion Ratio Lower Upper
184 100
63 74.3 68.3 102.5
154 79.3 62.6 93.8





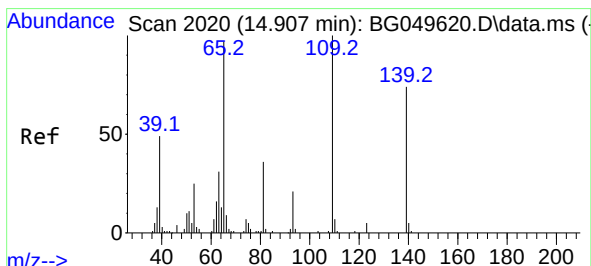
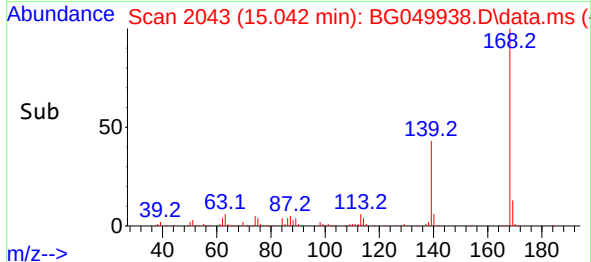
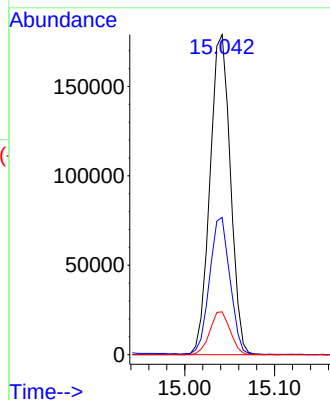
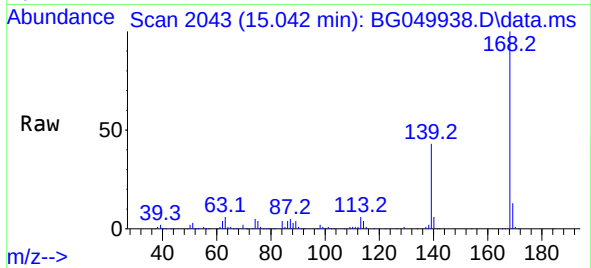
#55
Dibenzenofuran
Concen: 40.784 ng
RT: 15.042 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:168 Resp: 282717
Ion Ratio Lower Upper
168 100
139 42.9 33.4 50.2
169 13.4 12.3 18.5

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

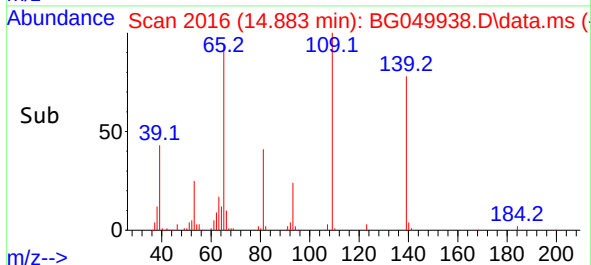
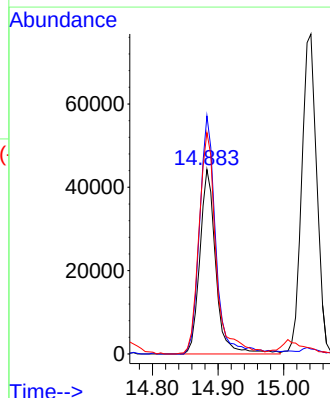
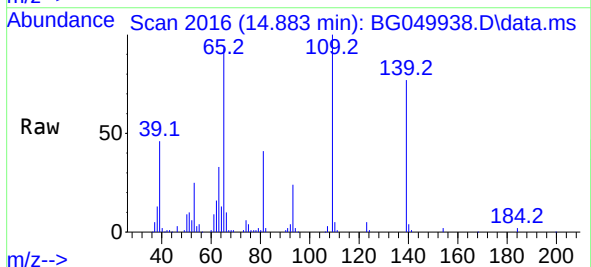
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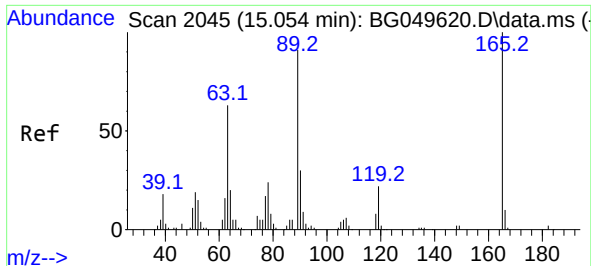
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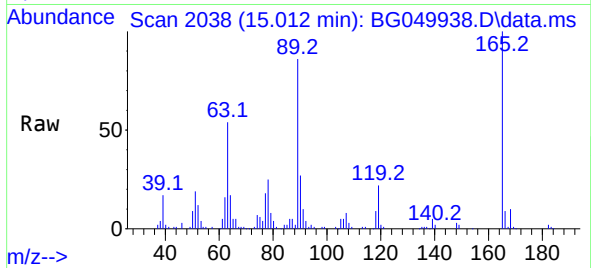
#56
4-Nitrophenol
Concen: 80.530 ng
RT: 14.883 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:139 Resp: 74983
Ion Ratio Lower Upper
139 100
109 129.1 116.3 156.3
65 120.0 105.0 145.0

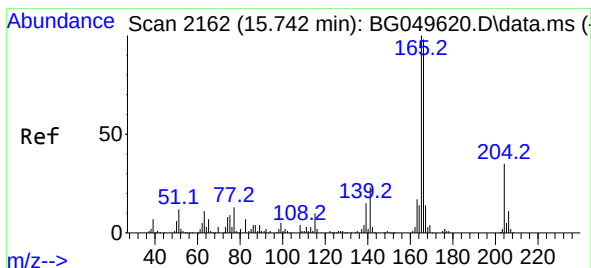
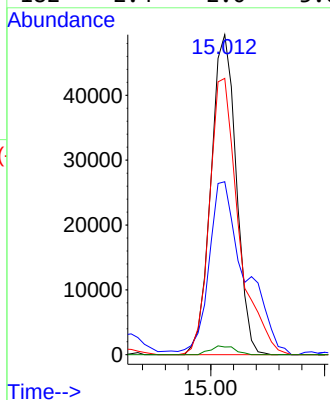
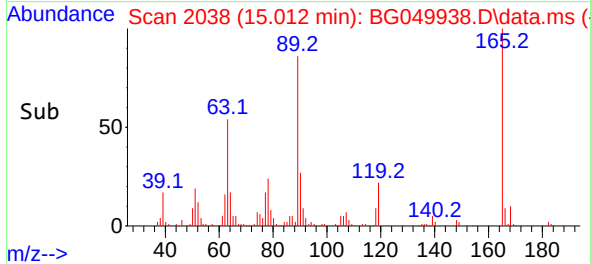




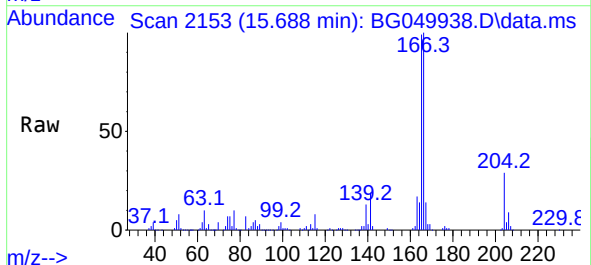
#57
2,4-Dinitrotoluene
Concen: 41.465 ng
RT: 15.012 min Scan# 2038
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



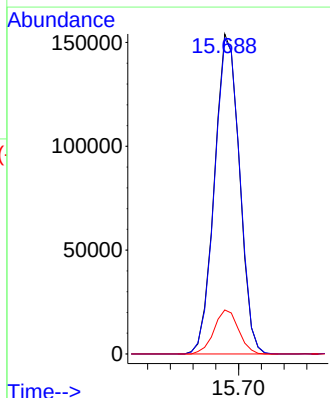
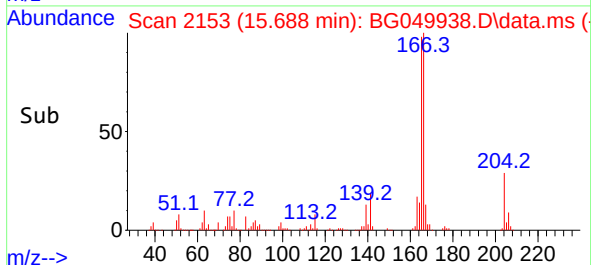
Tgt Ion:165 Resp: 76113
Ion Ratio Lower Upper
165 100
63 54.0 48.0 72.0
89 86.4 65.4 98.0
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.556 ng
RT: 15.688 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



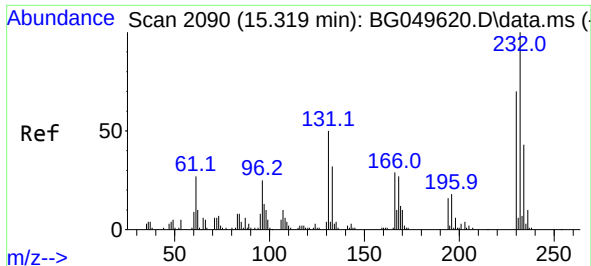
Tgt Ion:166 Resp: 234142
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 13.8 10.8 16.2



Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

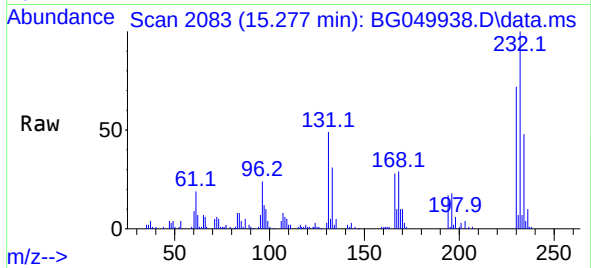
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#59
2,3,4,6-Tetrachlorophenol
Concen: 40.067 ng
RT: 15.277 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

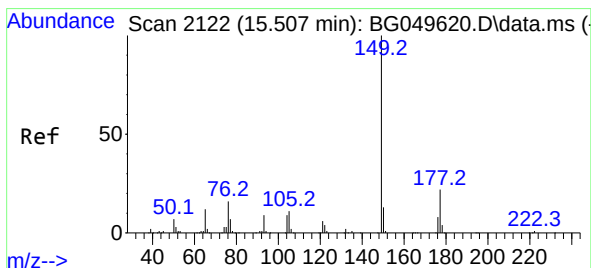
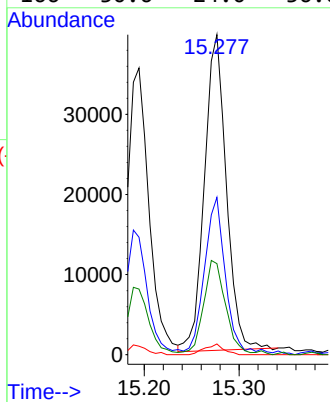
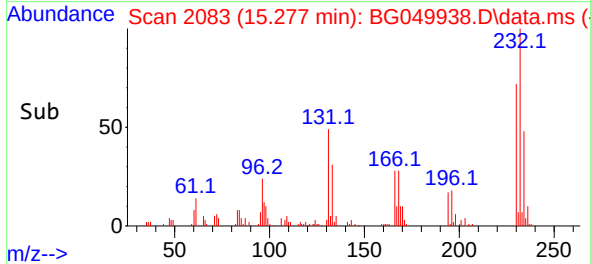
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



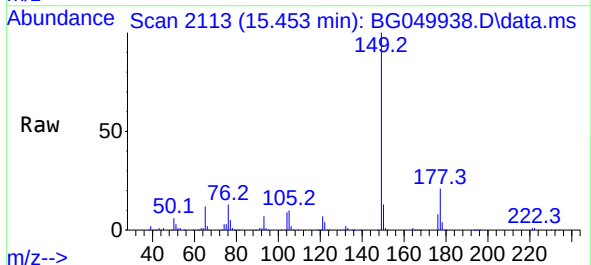
Tgt Ion:232 Resp: 63092
Ion Ratio Lower Upper
232 100
131 46.8 37.2 55.8
130 3.0 2.8 4.2
166 30.6 24.0 36.0

Manual Integrations
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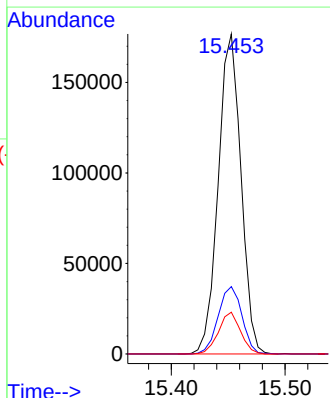
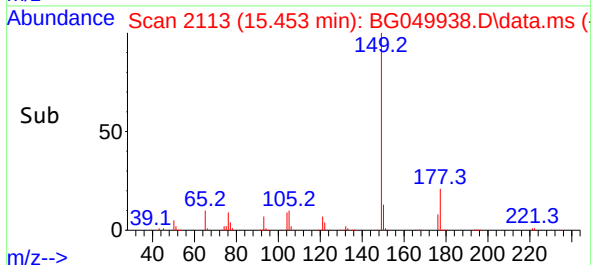
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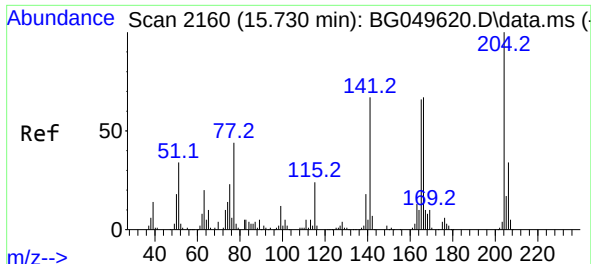


#60
Diethylphthalate
Concen: 41.113 ng
RT: 15.453 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



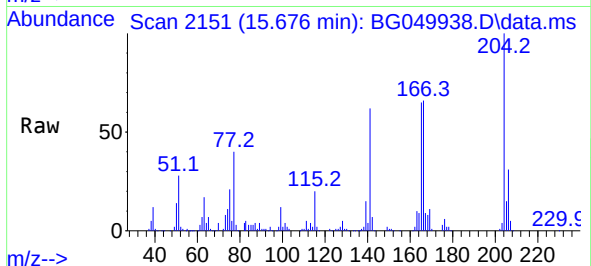
Tgt Ion:149 Resp: 245444
Ion Ratio Lower Upper
149 100
177 21.1 19.0 28.6
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.171 ng
RT: 15.676 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

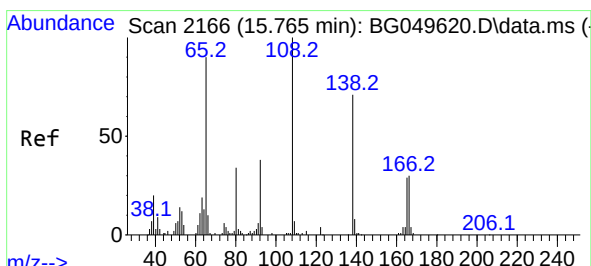
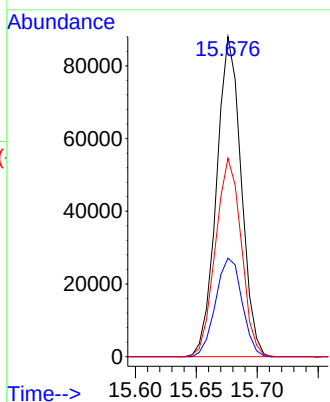
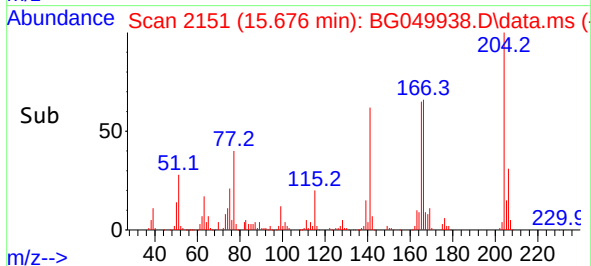
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



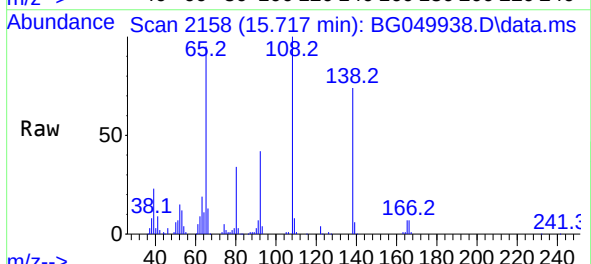
Tgt Ion:204 Resp: 123811
Ion Ratio Lower Upper
204 100
206 30.8 24.6 37.0
141 62.0 47.8 71.8

Manual Integrations
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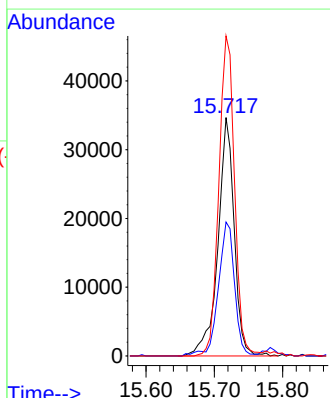
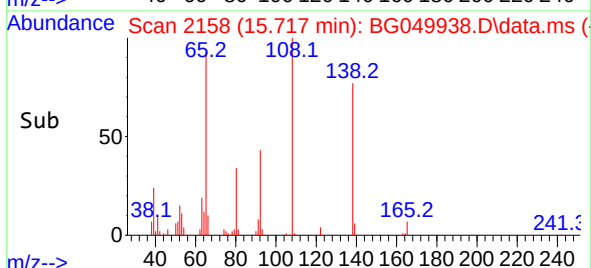
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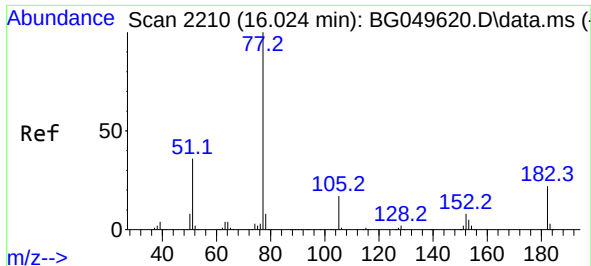


#62
4-Nitroaniline
Concen: 43.874 ng
RT: 15.717 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:138 Resp: 57520
Ion Ratio Lower Upper
138 100
92 56.2 32.3 72.3
108 134.2 132.4 172.4





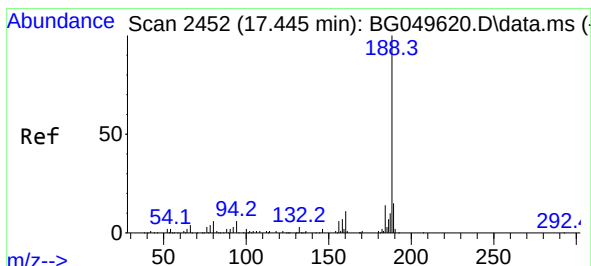
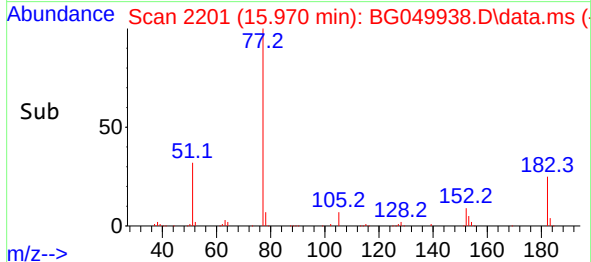
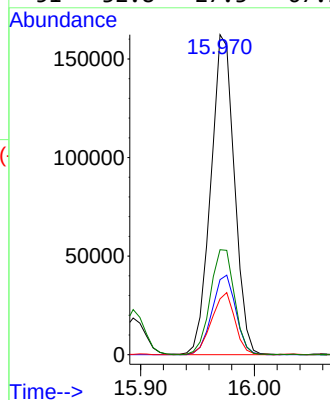
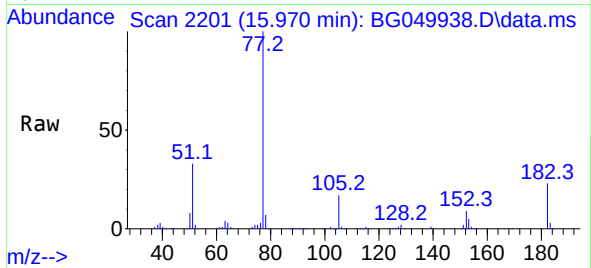
#63
Azobenzene
Concen: 37.055 ng
RT: 15.970 min Scan# 2201
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	77	Resp:	234144
Ion	Ratio	Lower	Upper
77	100		
182	23.4	7.9	47.9
105	17.5	0.0	37.9
51	32.8	27.3	67.3

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

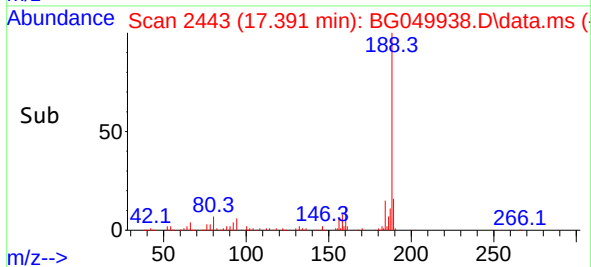
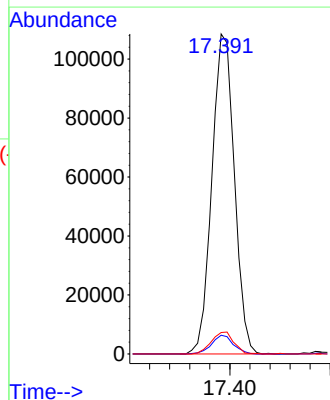
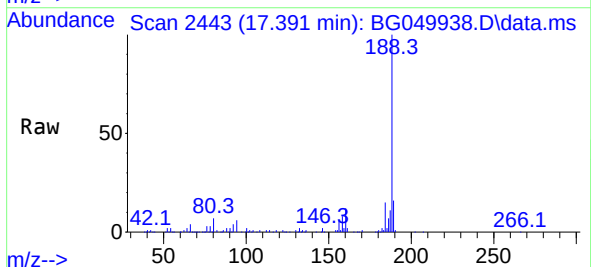
Manual Integrations
APPROVED

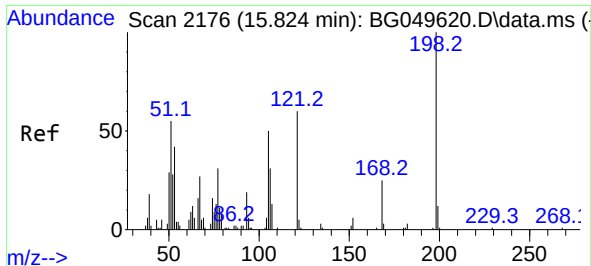
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

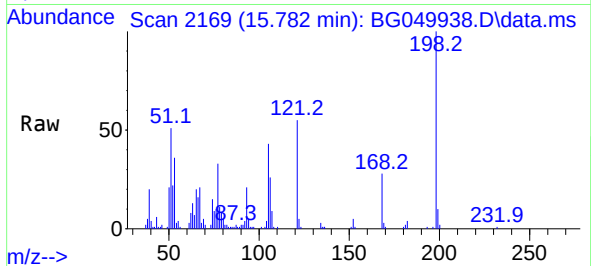
Tgt Ion:	188	Resp:	168430
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.4	8.0
80	6.7	3.7	5.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 40.557 ng
RT: 15.782 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

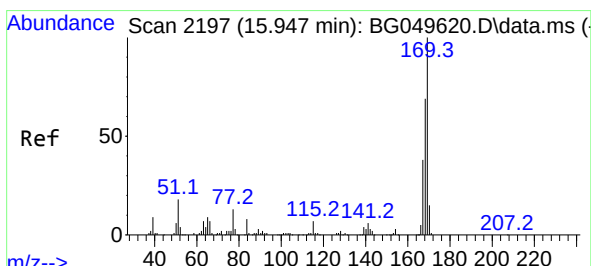
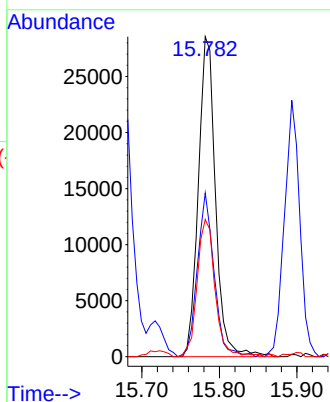
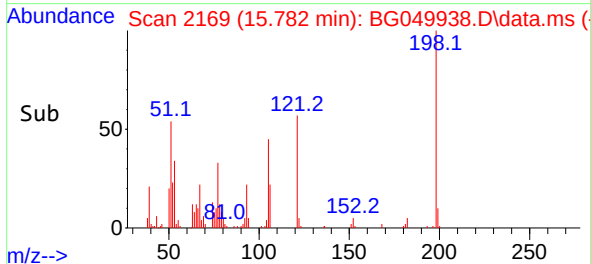
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



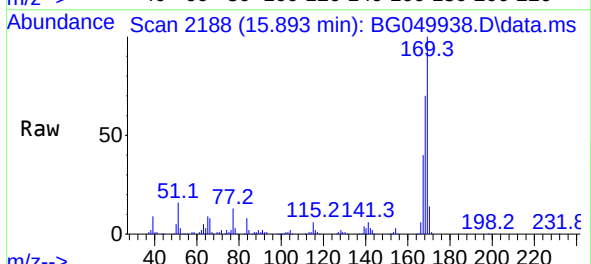
Tgt Ion:198 Resp: 43908
Ion Ratio Lower Upper
198 100
51 51.1 29.4 69.4
105 42.9 15.1 55.1

Manual Integrations
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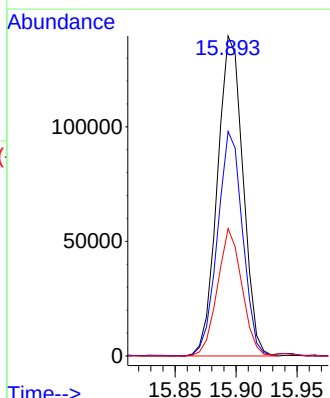
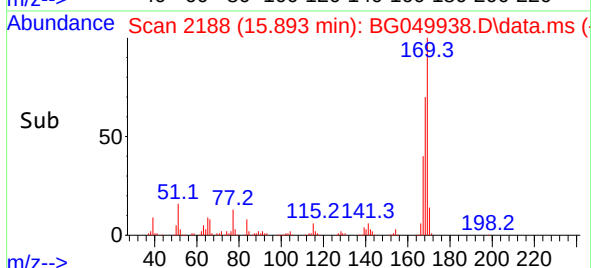
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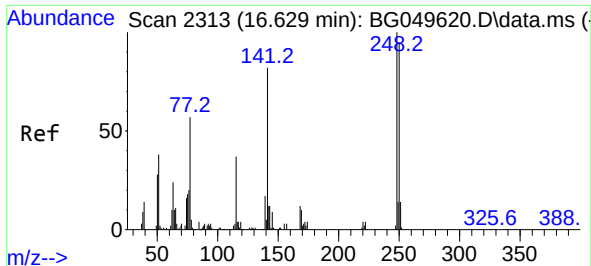


#66
n-Nitrosodiphenylamine
Concen: 42.926 ng
RT: 15.893 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



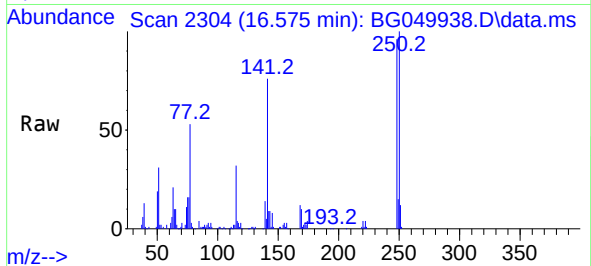
Tgt Ion:169 Resp: 204289
Ion Ratio Lower Upper
169 100
168 70.1 56.3 84.5
167 39.8 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 42.866 ng
RT: 16.575 min Scan# 2304
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

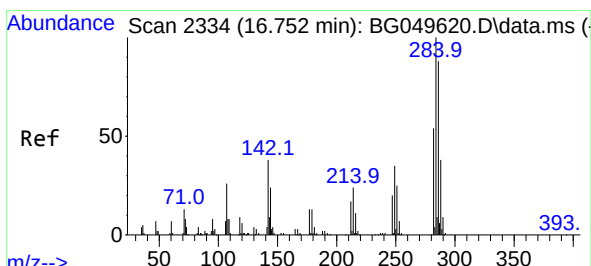
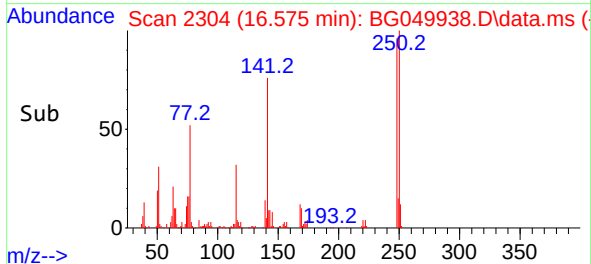
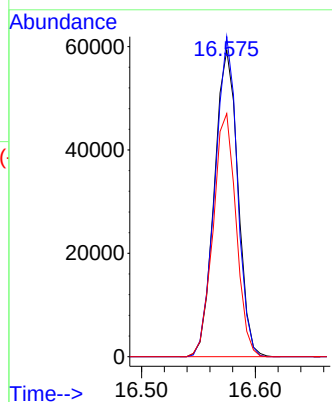
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:248 Resp: 85032
Ion Ratio Lower Upper
248 100
250 104.5 76.1 114.1
141 79.3 65.4 98.2

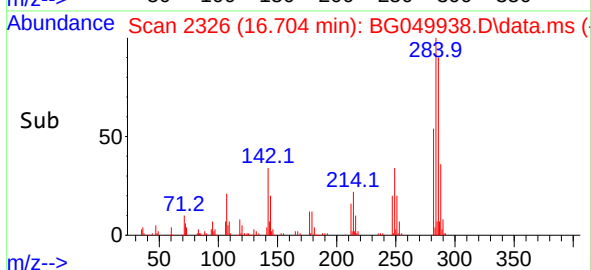
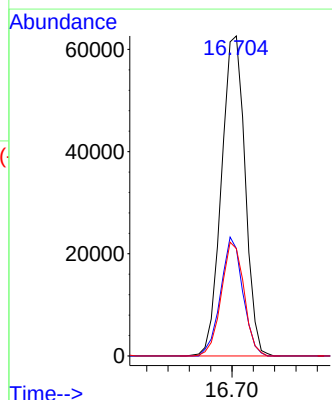
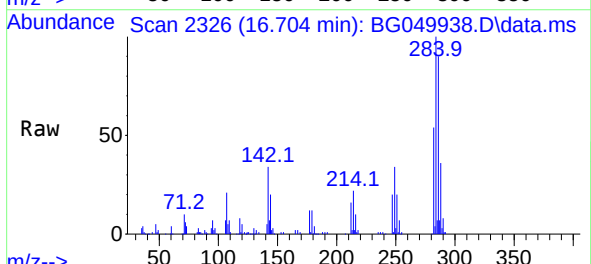
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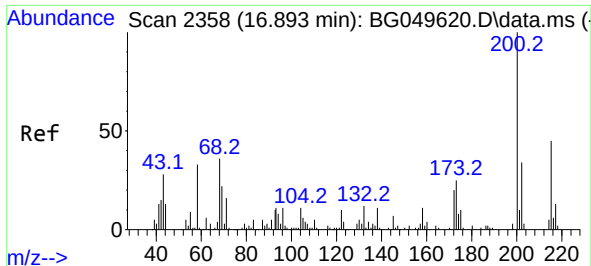
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#68
Hexachlorobenzene
Concen: 43.688 ng
RT: 16.704 min Scan# 2326
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:284 Resp: 96281
Ion Ratio Lower Upper
284 100
142 33.6 27.0 40.6
249 33.6 28.2 42.2





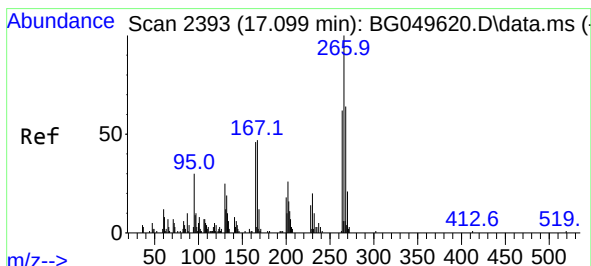
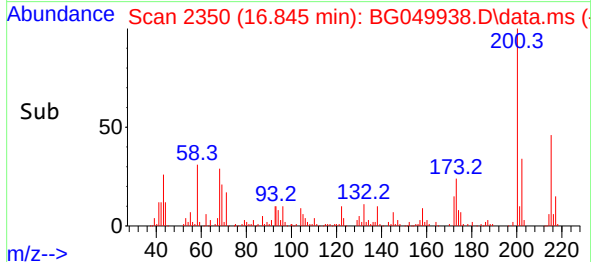
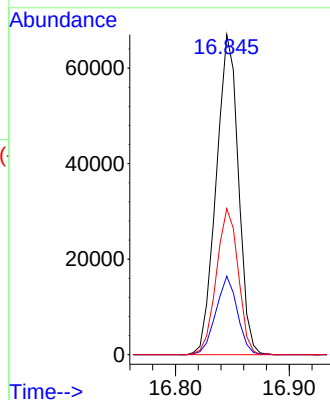
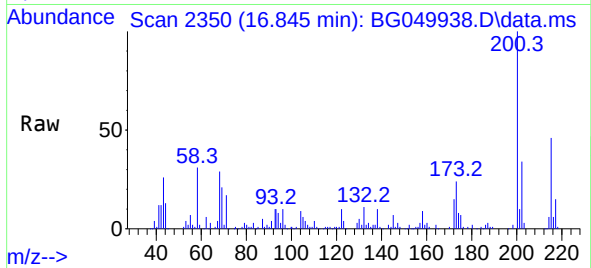
#69
Atrazine
Concen: 47.741 ng
RT: 16.845 min Scan# 2350
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:200 Resp: 90885
Ion Ratio Lower Upper
200 100
173 24.5 3.7 43.7
215 45.7 26.9 66.9

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

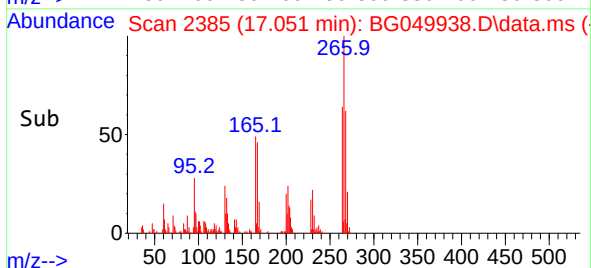
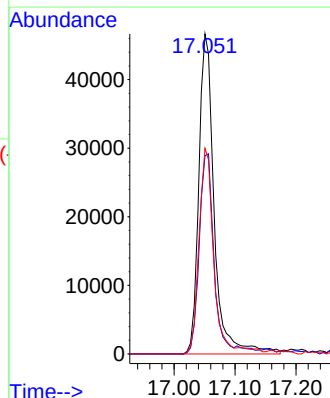
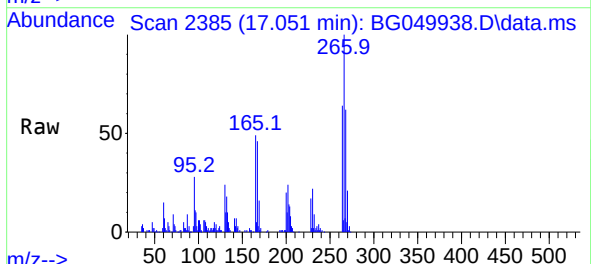
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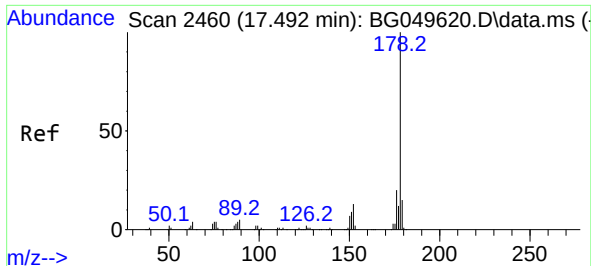
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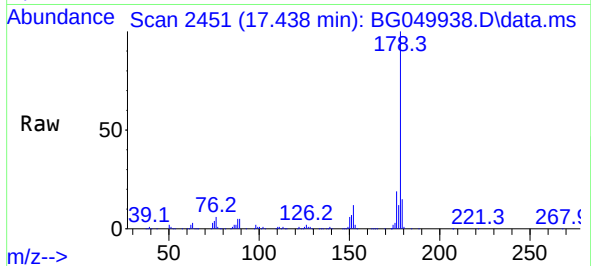
#70
Pentachlorophenol
Concen: 69.059 ng
RT: 17.051 min Scan# 2385
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:266 Resp: 81610
Ion Ratio Lower Upper
266 100
268 62.0 49.0 73.4
264 64.2 49.0 73.6

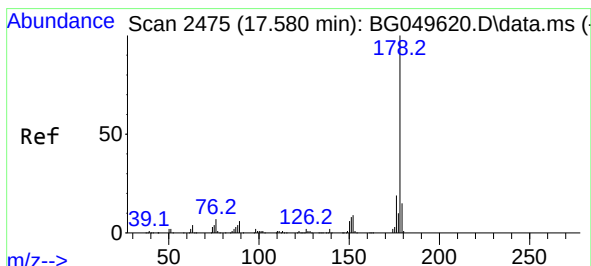
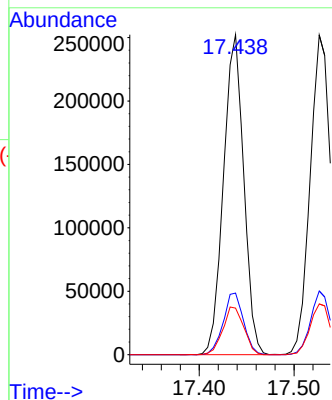
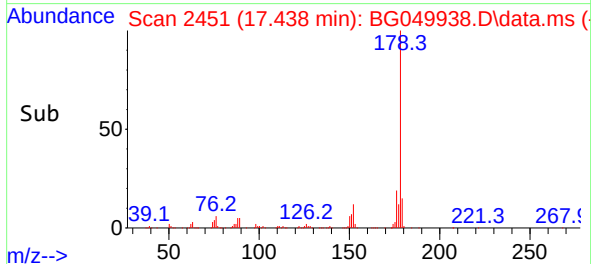




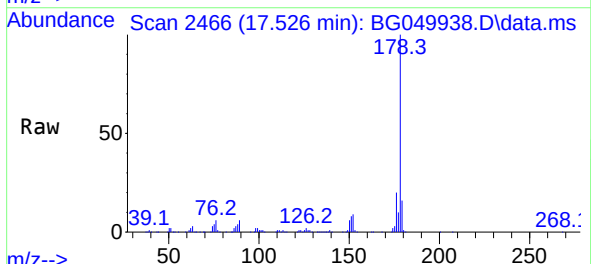
#71
Phenanthrene
Concen: 42.299 ng
RT: 17.438 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



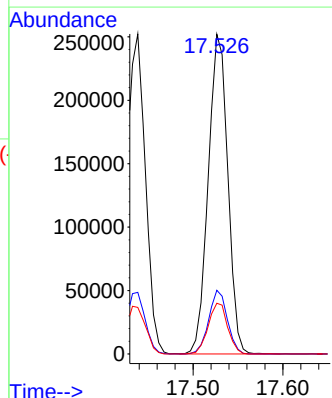
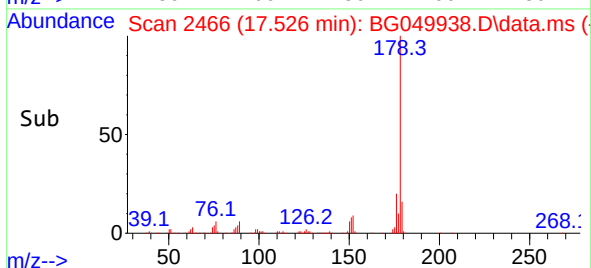
Tgt Ion:178 Resp: 374824
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.5 14.2 21.4



#72
Anthracene
Concen: 43.795 ng
RT: 17.526 min Scan# 2466
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



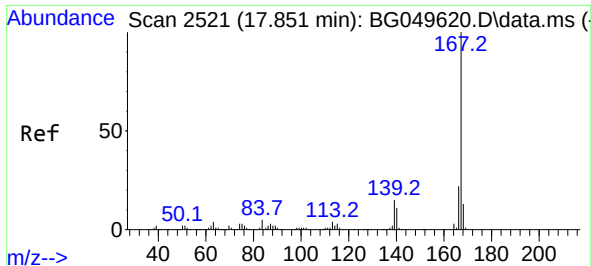
Tgt Ion:178 Resp: 381132
Ion Ratio Lower Upper
178 100
176 19.9 14.6 21.8
179 15.9 13.4 20.0



Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

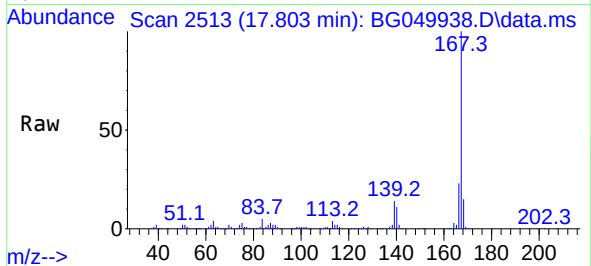
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#73
Carbazole
Concen: 41.447 ng
RT: 17.803 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

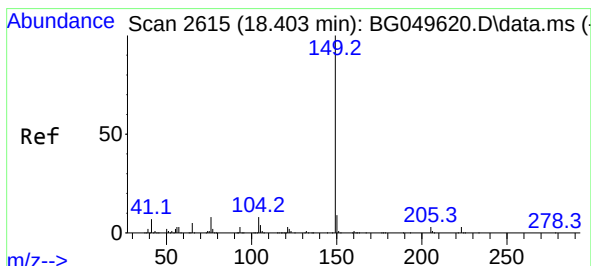
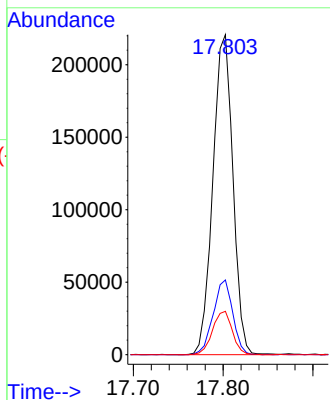
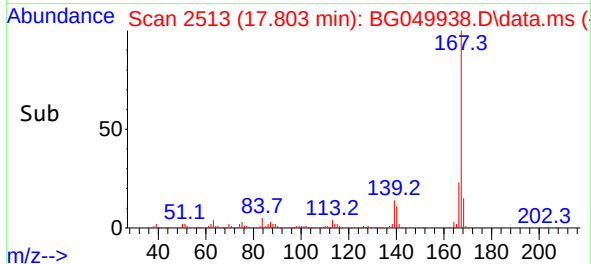
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



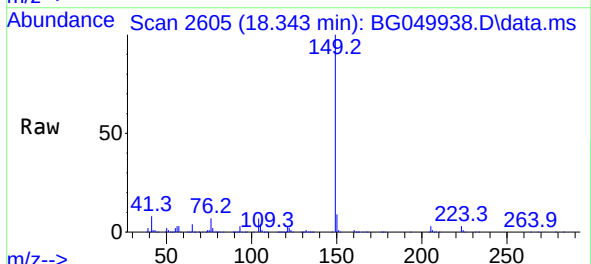
Tgt Ion:167 Resp: 341624
Ion Ratio Lower Upper
167 100
166 23.3 17.4 26.2
139 13.6 10.7 16.1

Manual Integrations
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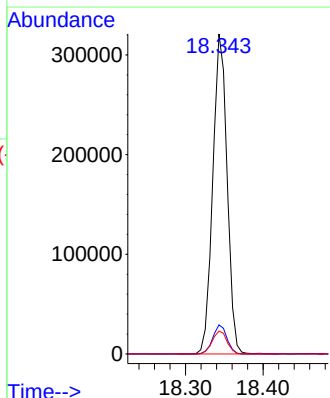
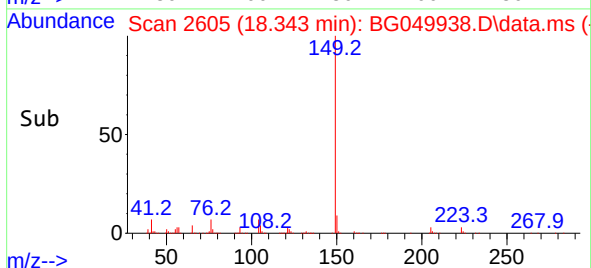
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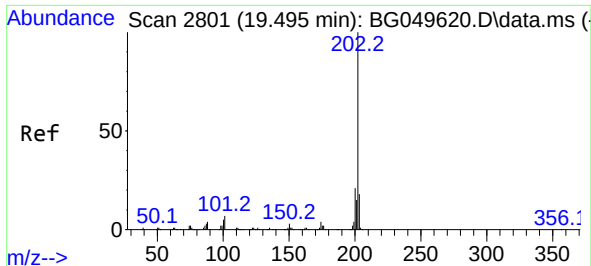


#74
Di-n-butylphthalate
Concen: 42.717 ng
RT: 18.343 min Scan# 2605
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



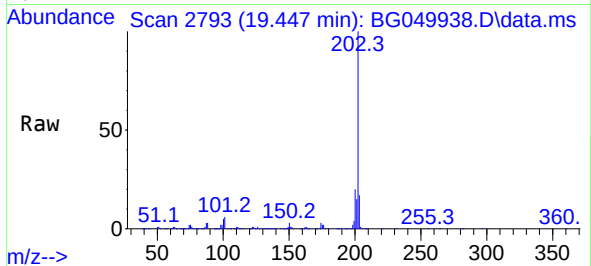
Tgt Ion:149 Resp: 410442
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 7.1 6.6 10.0





#75
Fluoranthene
Concen: 40.444 ng
RT: 19.447 min Scan# 2793
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

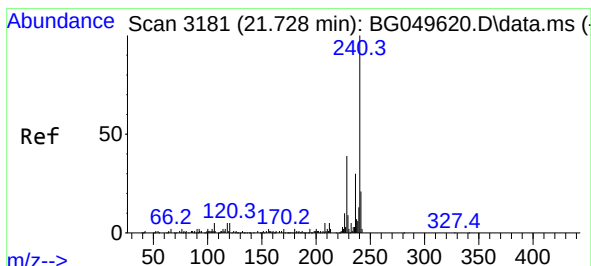
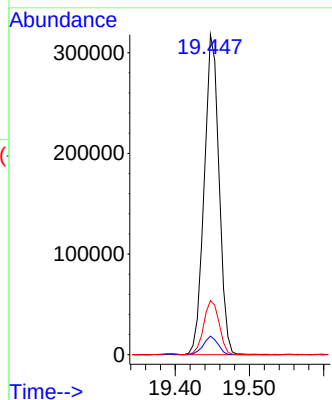
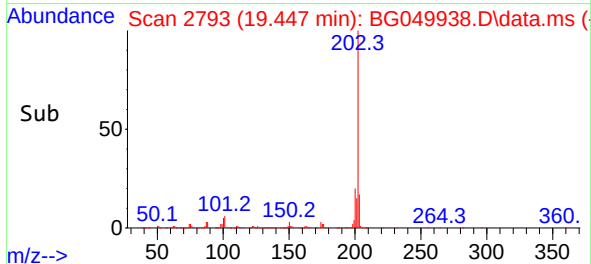
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



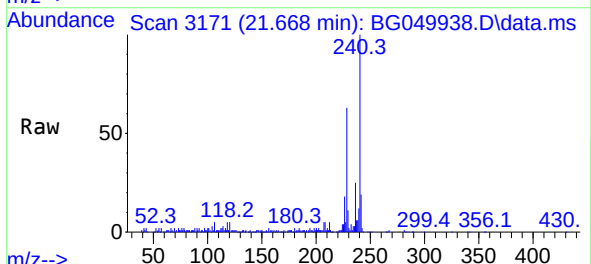
Tgt Ion:202 Resp: 441015
Ion Ratio Lower Upper
202 100
101 5.8 0.0 24.7
203 16.9 0.0 38.5

Manual Integrations
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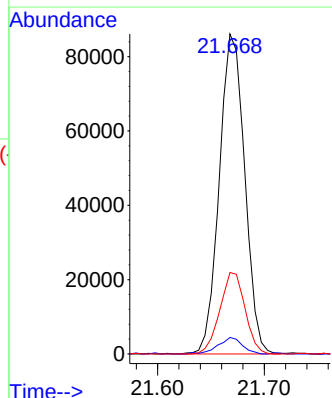
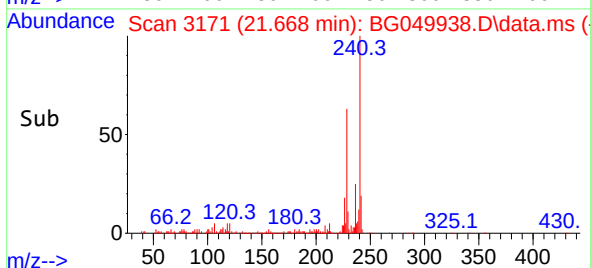
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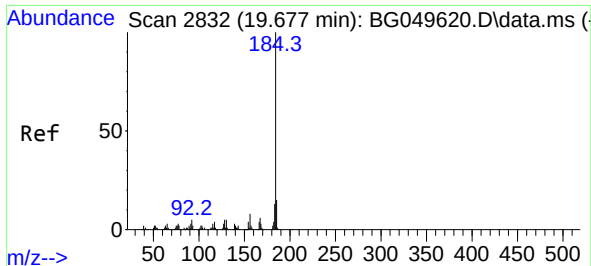


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:240 Resp: 142378
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.4 21.8 32.6





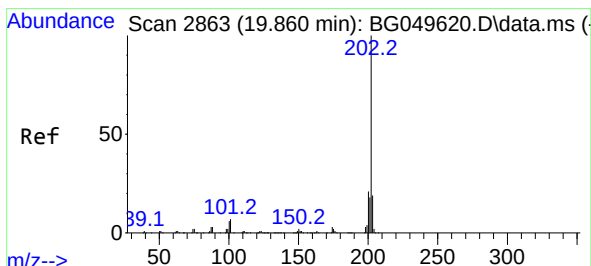
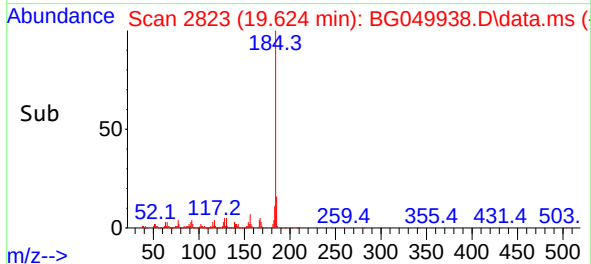
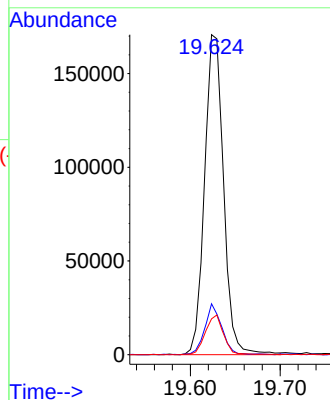
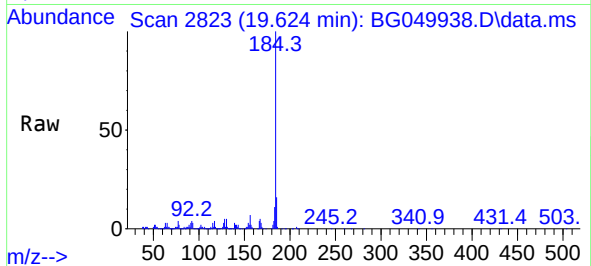
#77
Benzidine
Concen: 68.721 ng
RT: 19.624 min Scan# 2823
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	184	Resp:	250695
Ion Ratio	Lower	Upper	
184	100		
185	15.9	10.7	16.1
183	11.2	9.4	14.0

Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

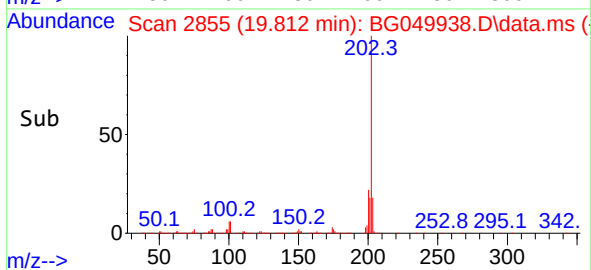
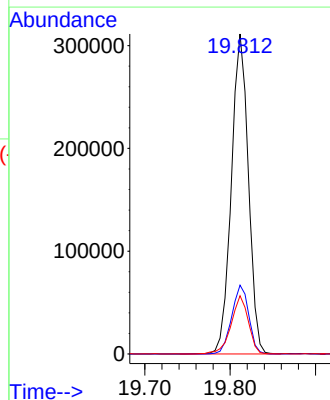
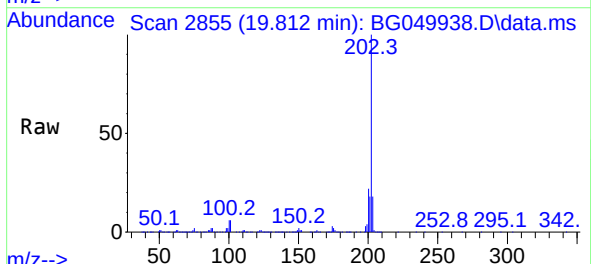
Manual Integrations
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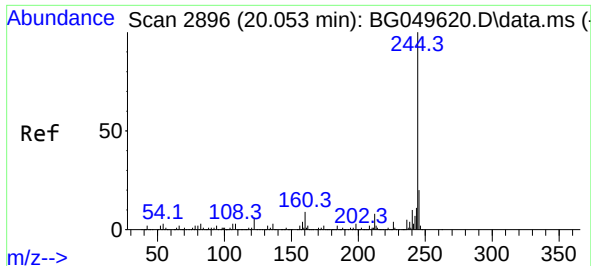
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#78
Pyrene
Concen: 44.550 ng
RT: 19.812 min Scan# 2855
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:	202	Resp:	432429
Ion Ratio	Lower	Upper	
202	100		
200	21.5	15.8	23.8
203	18.2	14.6	21.8





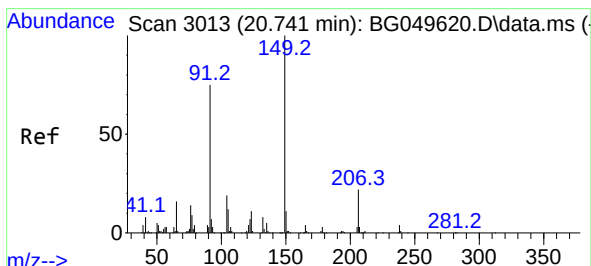
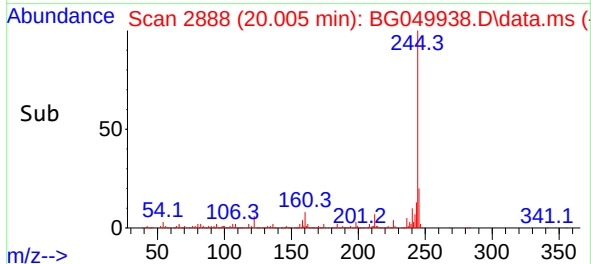
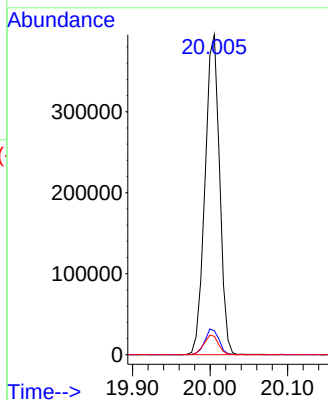
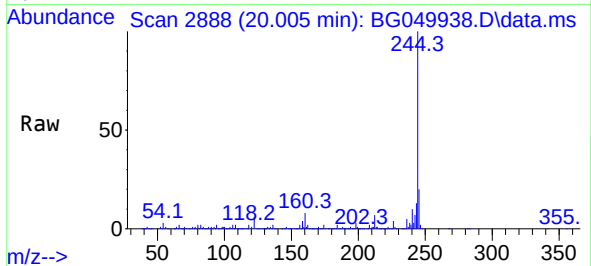
#79
 Terphenyl-d14
 Concen: 65.751 ng
 RT: 20.005 min Scan# 2888
 Delta R.T. -0.005 min
 Lab File: BG049938.D
 Acq: 23 Aug 2021 18:11

Tgt Ion:244 Resp: 515442
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 5.8 5.0 7.6

Instrument :
 BNA_G
 ClientSampleId :
 DRILL-CUTTINGMS

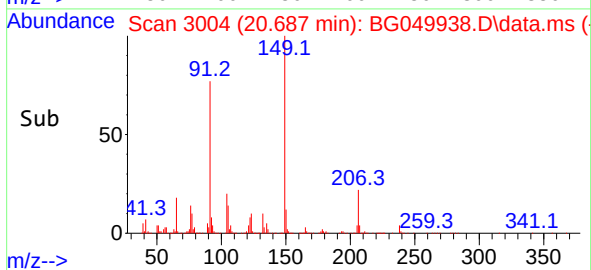
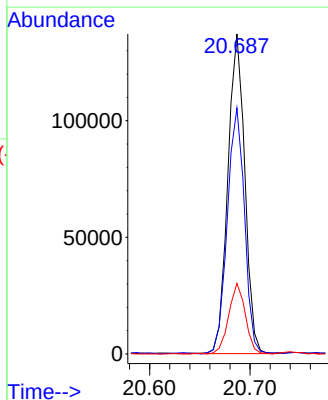
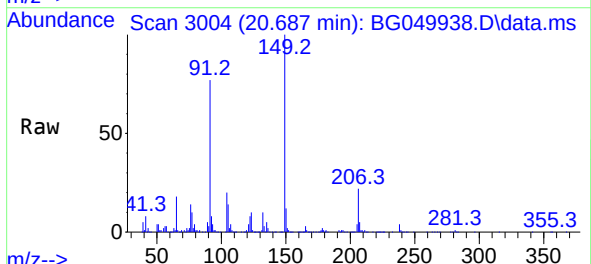
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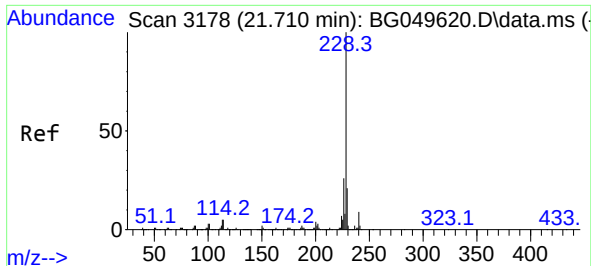
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#80
 Butylbenzylphthalate
 Concen: 43.427 ng
 RT: 20.687 min Scan# 3004
 Delta R.T. -0.005 min
 Lab File: BG049938.D
 Acq: 23 Aug 2021 18:11

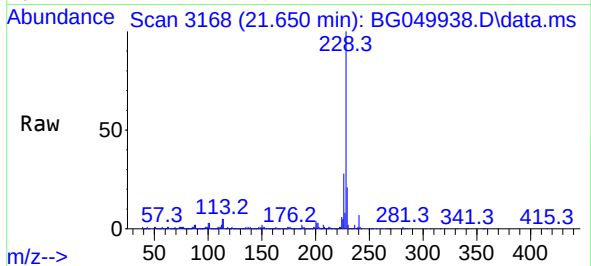
Tgt Ion:149 Resp: 160537
 Ion Ratio Lower Upper
 149 100
 91 76.9 63.4 95.2
 206 22.0 18.4 27.6





#81
Benzo(a)anthracene
Concen: 41.343 ng
RT: 21.650 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

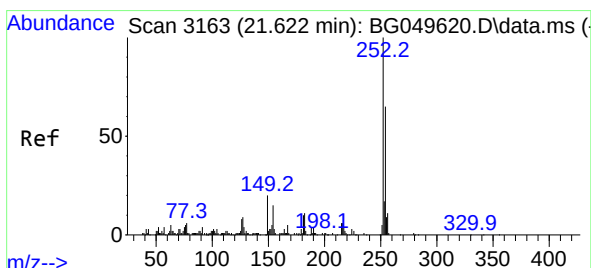
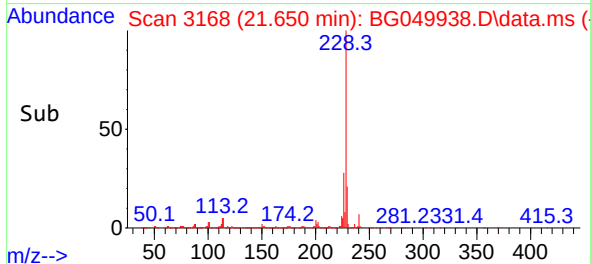
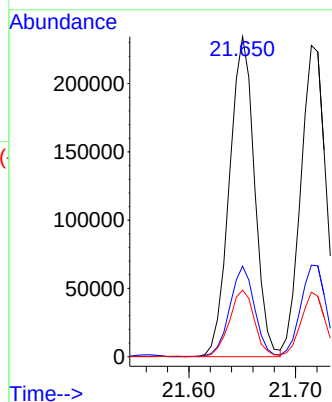
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



Tgt Ion:228 Resp: 383340
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.8 16.0 24.0

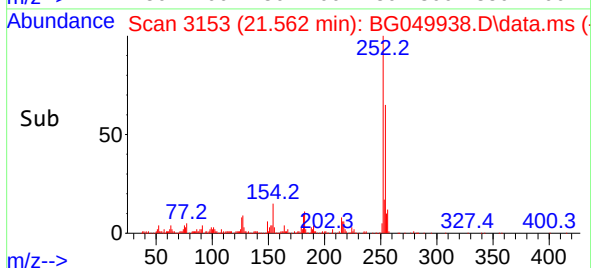
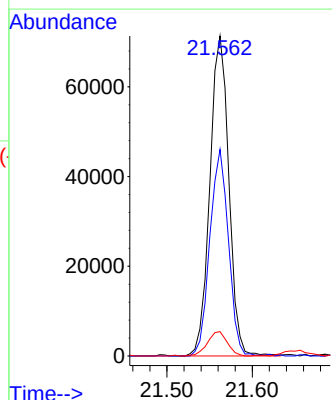
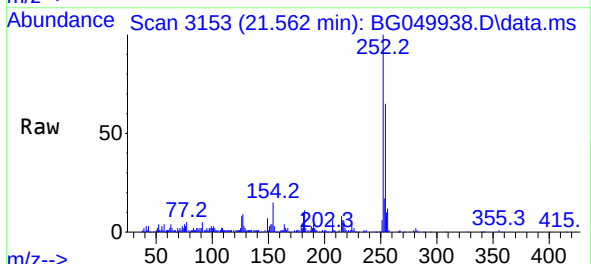
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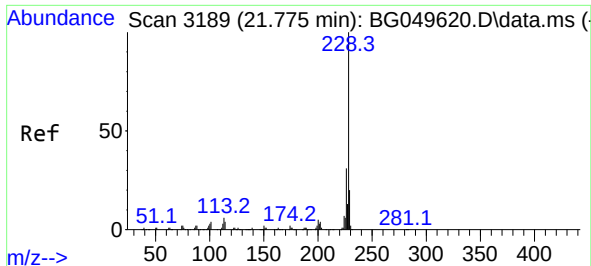
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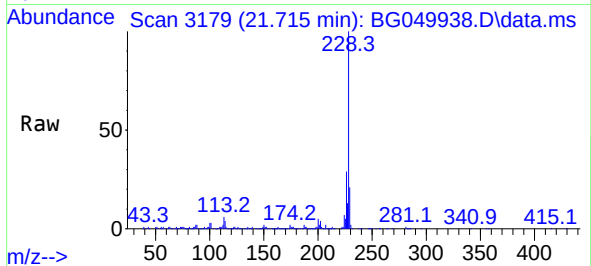
#82
3,3'-Dichlorobenzidine
Concen: 40.727 ng
RT: 21.562 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:252 Resp: 110259
Ion Ratio Lower Upper
252 100
254 64.5 52.4 78.6
126 7.6 5.9 8.9

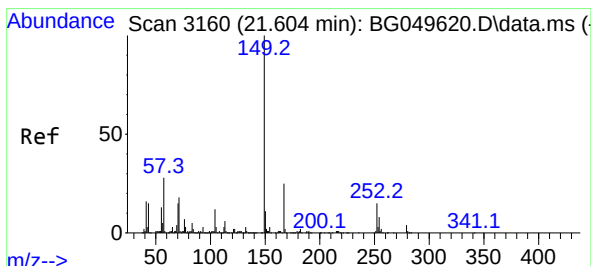
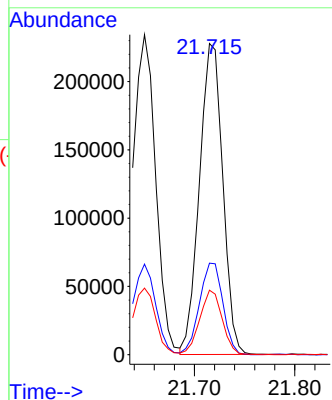
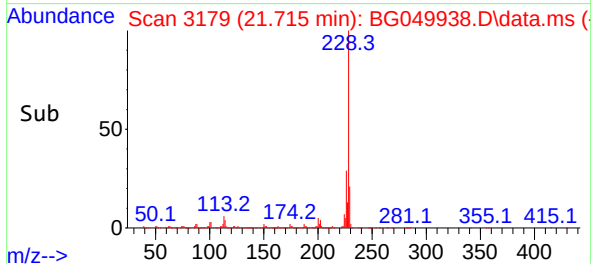




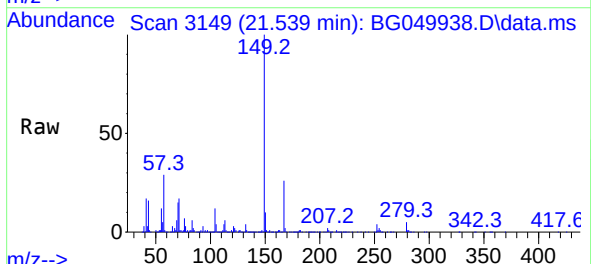
#83
Chrysene
Concen: 41.629 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



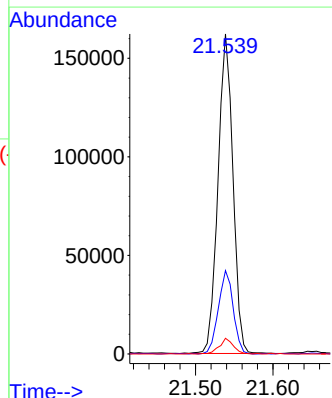
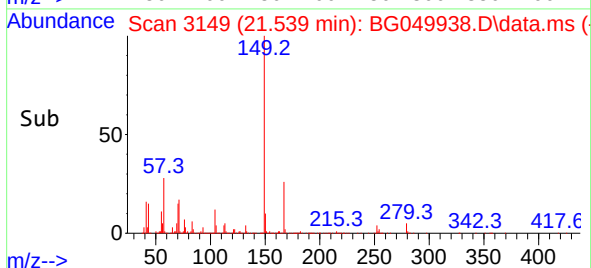
Tgt Ion:228 Resp: 368976
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 20.7 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.547 ng
RT: 21.539 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



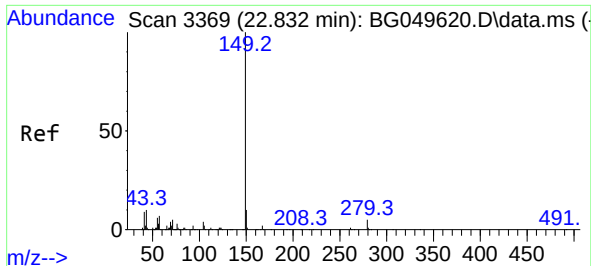
Tgt Ion:149 Resp: 217409
Ion Ratio Lower Upper
149 100
167 26.1 22.3 33.5
279 4.9 3.8 5.8



Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

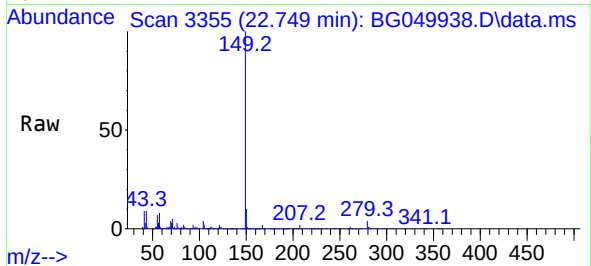
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#85
Di-n-octyl phthalate
Concen: 40.695 ng
RT: 22.749 min Scan# 3355
Delta R.T. -0.011 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

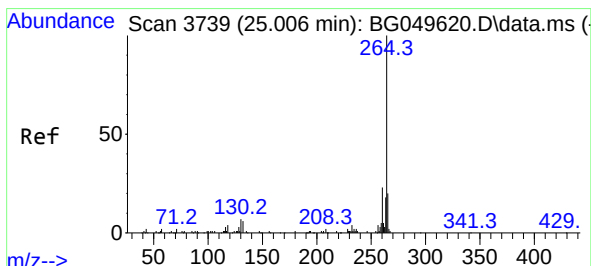
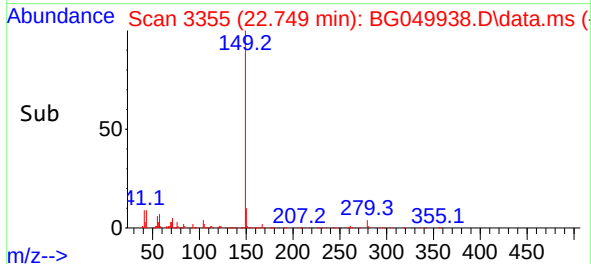
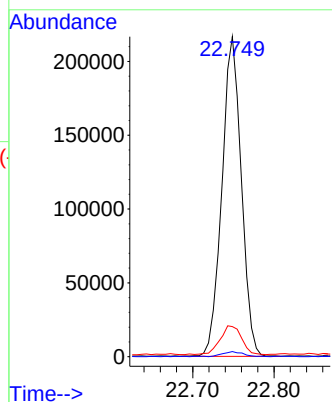
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



Tgt Ion:149 Resp: 359745
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.0 8.6 12.8

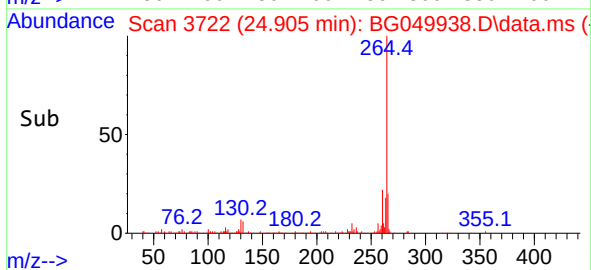
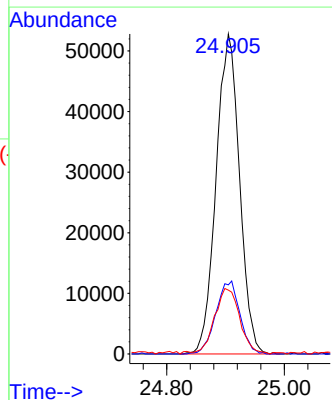
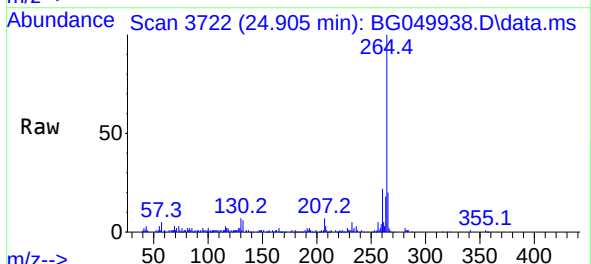
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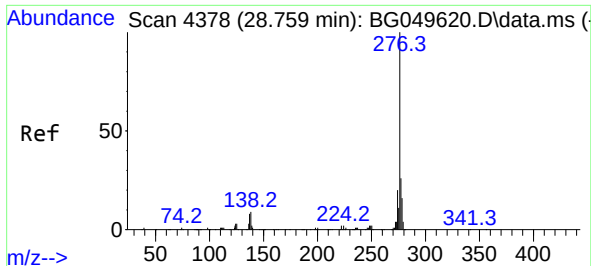
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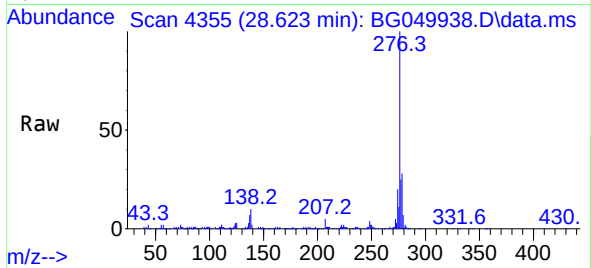
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.905 min Scan# 3722
Delta R.T. -0.017 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

Tgt Ion:264 Resp: 145618
Ion Ratio Lower Upper
264 100
260 21.6 19.4 29.2
265 19.9 16.9 25.3

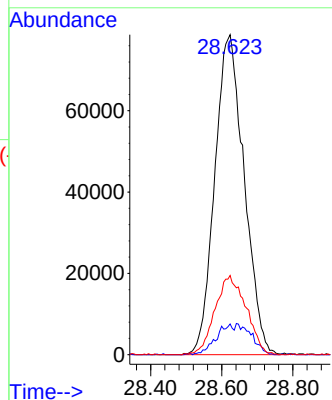




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.976 ng
RT: 28.623 min Scan# 4355
Delta R.T. -0.023 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



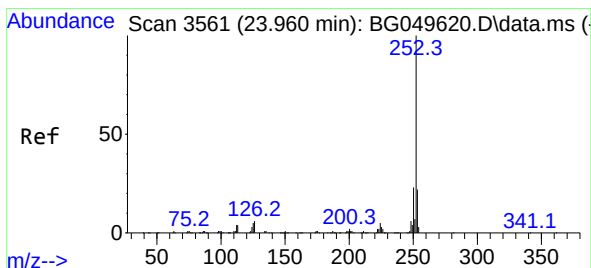
Tgt Ion:276 Resp: 451321
Ion Ratio Lower Upper
276 100
138 5.8 5.1 7.7
277 26.2 19.8 29.6



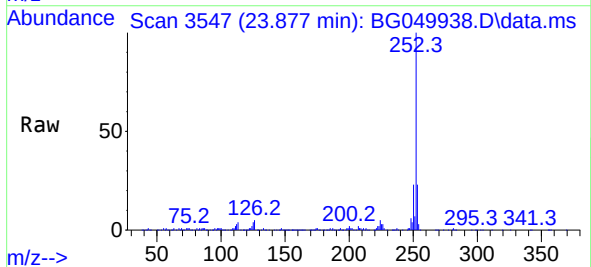
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS

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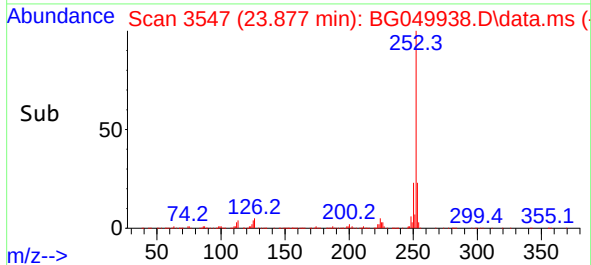
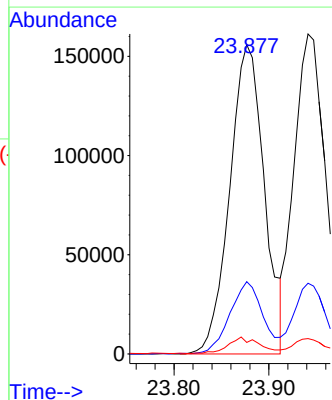
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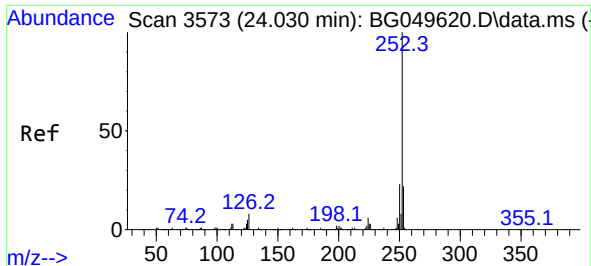


#88
Benzo(b)fluoranthene
Concen: 41.381 ng
RT: 23.877 min Scan# 3547
Delta R.T. -0.017 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:252 Resp: 395206
Ion Ratio Lower Upper
252 100
253 23.4 16.2 24.4
125 3.7 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 41.575 ng m

RT: 23.941 min Scan# 3558

Delta R.T. -0.017 min

Lab File: BG049938.D

Acq: 23 Aug 2021 18:11

Tgt Ion:252 Resp: 370367
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 4.8 3.1 4.7#

Instrument :

BNA_G

ClientSampleId :

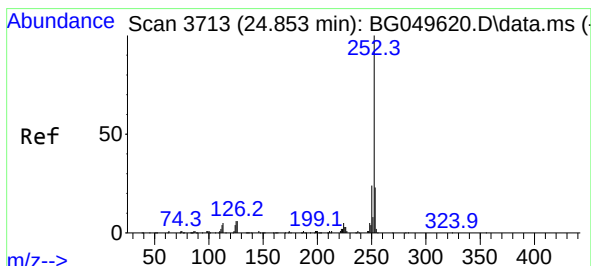
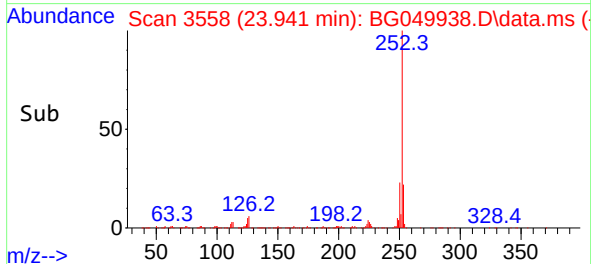
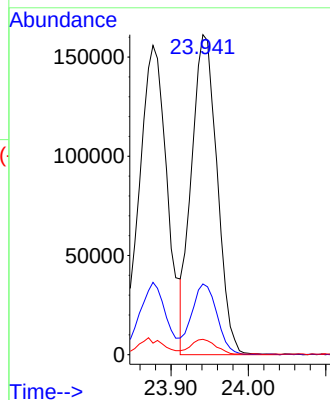
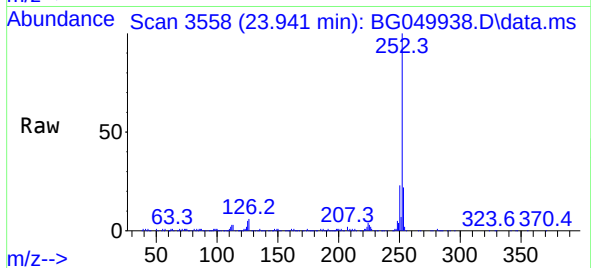
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#90

Benzo(a)pyrene

Concen: 43.006 ng

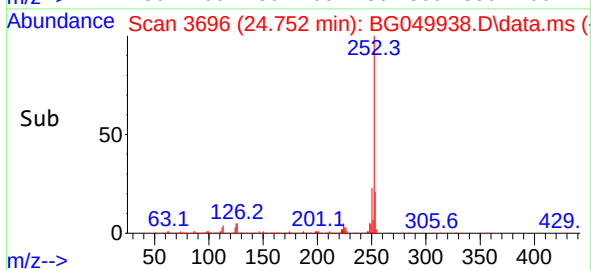
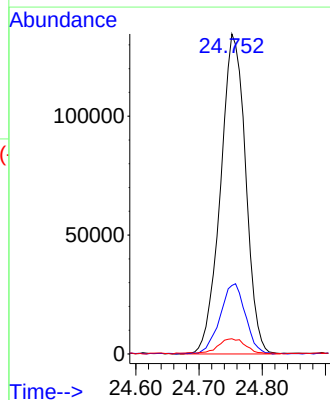
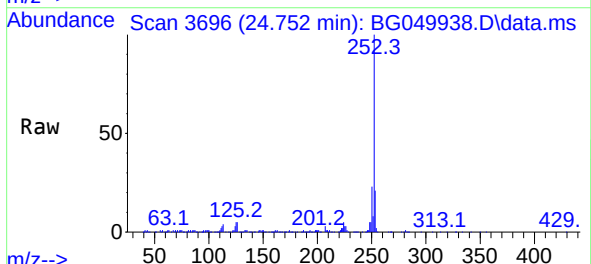
RT: 24.752 min Scan# 3696

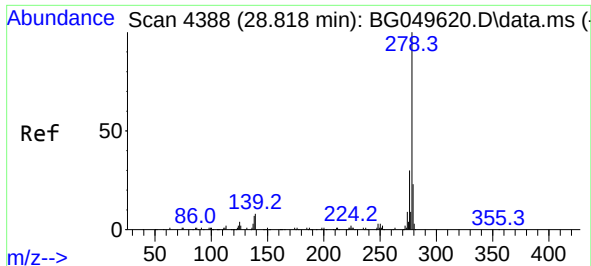
Delta R.T. -0.023 min

Lab File: BG049938.D

Acq: 23 Aug 2021 18:11

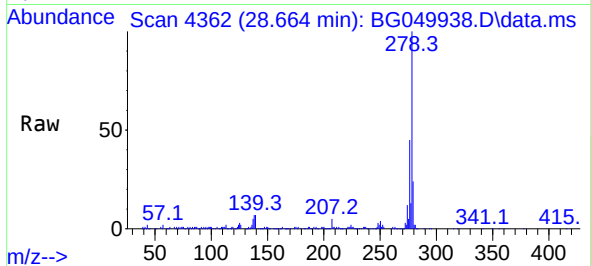
Tgt Ion:252 Resp: 371702
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 4.8 3.5 5.3





#91
Dibenzo(a,h)anthracene
Concen: 43.134 ng
RT: 28.664 min Scan# 4362
Delta R.T. -0.035 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11

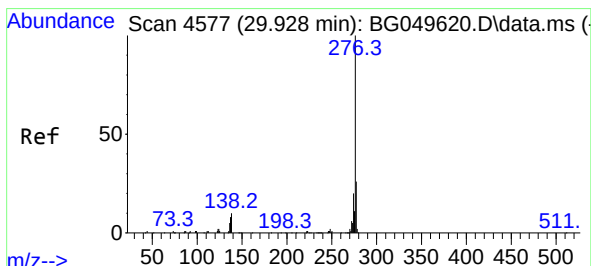
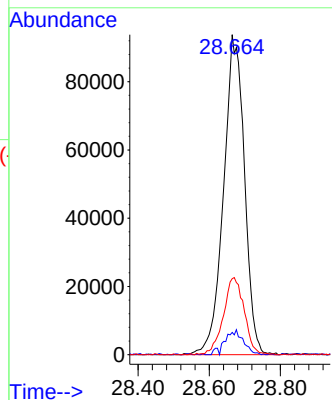
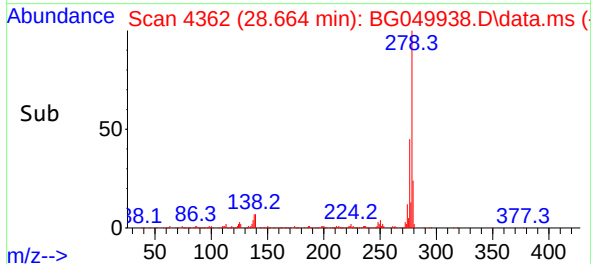
Instrument :
BNA_G
ClientSampleId :
DRILL-CUTTINGMS



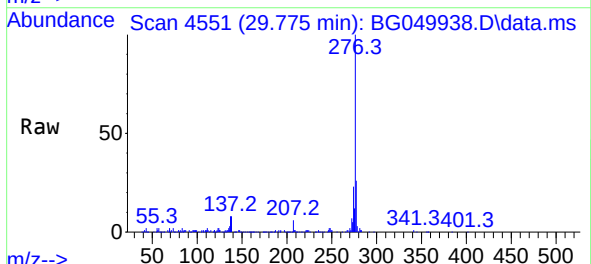
Tgt Ion:278 Resp: 381714
Ion Ratio Lower Upper
278 100
139 7.0 4.6 6.8#
279 23.8 17.9 26.9

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#92
Benzo(g,h,i)perylene
Concen: 43.318 ng
RT: 29.775 min Scan# 4551
Delta R.T. -0.041 min
Lab File: BG049938.D
Acq: 23 Aug 2021 18:11



Tgt Ion:276 Resp: 375559
Ion Ratio Lower Upper
276 100
277 25.6 18.4 27.6
138 7.5 7.0 10.6

