

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
 Data File : BG049626.D
 Acq On : 3 Aug 2021 16:27
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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Quant Time: Aug 03 17:08:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 17:07:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	24191	20.000	ng	0.00
21) Naphthalene-d8	10.859	136	102690	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	70622	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	153409	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	160363	20.000	ng	0.00
86) Perylene-d12	24.998	264	169581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.589	112	145599	107.892	ng	0.00
7) Phenol-d6	7.193	99	203556	99.647	ng	0.00
23) Nitrobenzene-d5	9.208	82	145781	62.820	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	104102	100.286	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	313043	64.499	ng	0.00
79) Terphenyl-d14	20.052	244	537521	60.877	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	5028	8.526	ng	99
3) Pyridine	3.886	79	11387	7.044	ng	# 84
4) n-Nitrosodimethylamine	3.792	42	6524	7.506	ng	# 76
6) Aniline	7.363	93	20183	9.322	ng	95
8) 2-Chlorophenol	7.604	128	11217	7.624	ng	95
9) Benzaldehyde	7.175	77	13681	10.037	ng	89
10) Phenol	7.222	94	16108	8.138	ng	94
11) bis(2-Chloroethyl)ether	7.452	93	10979	8.215	ng	82
12) 1,3-Dichlorobenzene	7.933	146	13895	8.246	ng	96
13) 1,4-Dichlorobenzene	8.074	146	14509	8.506	ng	88
14) 1,2-Dichlorobenzene	8.403	146	13850	8.571	ng	86
15) Benzyl Alcohol	8.274	79	13702	7.987	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.574	45	13490	8.884	ng	93
17) 2-Methylphenol	8.480	107	10288	7.893	ng	# 85
18) Hexachloroethane	9.132	117	5047	7.697	ng	# 85
19) n-Nitroso-di-n-propyla...	8.850	70	11100	8.120	ng	91
20) 3+4-Methylphenols	8.809	107	14757	8.061	ng	90
22) Acetophenone	8.867	105	20966	7.515	ng	# 96
24) Nitrobenzene	9.255	77	17573	7.176	ng	97
25) Isophorone	9.778	82	30382	7.337	ng	96
26) 2-Nitrophenol	9.972	139	6695	7.164	ng	92
27) 2,4-Dimethylphenol	10.025	122	11905	8.619	ng	# 88
28) bis(2-Chloroethoxy)met...	10.254	93	14831	8.187	ng	# 94
29) 2,4-Dichlorophenol	10.506	162	12565	7.413	ng	93
30) 1,2,4-Trichlorobenzene	10.724	180	13810	7.400	ng	94
31) Naphthalene	10.912	128	40992	7.622	ng	97
32) Benzoic acid	10.160	122	2462m	2.756	ng	
33) 4-Chloroaniline	11.017	127	16413	7.730	ng	92
34) Hexachlorobutadiene	11.199	225	10366	7.643	ng	93
35) Caprolactam	11.775	113	3418	6.527	ng	# 85
36) 4-Chloro-3-methylphenol	12.145	107	14463	7.387	ng	# 81
37) 2-Methylnaphthalene	12.521	142	29916	7.384	ng	96
38) 1-Methylnaphthalene	12.739	142	29365	7.712	ng	97
40) 1,2,4,5-Tetrachloroben...	12.891	216	17692	8.502	ng	96
41) Hexachlorocyclopentadiene	12.868	237	6388	7.434	ng	97
43) 2,4,6-Trichlorophenol	13.126	196	9920	7.071	ng	95

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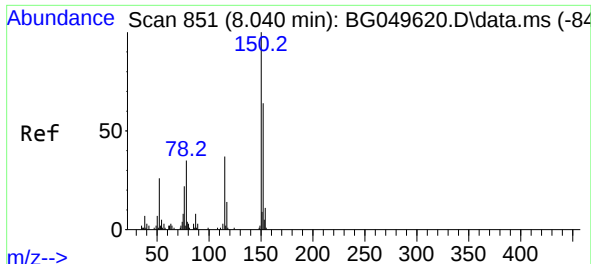
Manual Integrations
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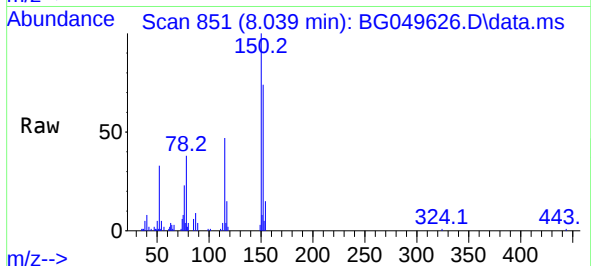
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.203	196	11702m	7.689	ng	
46) 1,1'-Biphenyl	13.526	154	41740	8.298	ng	98
47) 2-Chloronaphthalene	13.567	162	30881	7.687	ng	93
48) 2-Nitroaniline	13.767	65	11102	7.526	ng	91
49) Acenaphthylene	14.413	152	52901	8.308	ng	94
50) Dimethylphthalate	14.137	163	42749	8.023	ng	# 96
51) 2,6-Dinitrotoluene	14.260	165	8370	7.135	ng	90
52) Acenaphthene	14.759	154	28847	7.521	ng	93
53) 3-Nitroaniline	14.601	138	8736	7.636	ng	96
54) 2,4-Dinitrophenol	14.812	184	3072	4.612	ng	# 68
55) Dibenzofuran	15.088	168	48152	7.738	ng	99
56) 4-Nitrophenol	14.906	139	6347	7.594	ng	# 84
57) 2,4-Dinitrotoluene	15.053	165	12773	7.752	ng	# 83
58) Fluorene	15.740	166	39869	7.883	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.317	232	10527	7.447	ng	# 96
60) Diethylphthalate	15.499	149	42386	7.909	ng	97
61) 4-Chlorophenyl-phenylether	15.734	204	21467	7.952	ng	95
62) 4-Nitroaniline	15.758	138	8906	7.568	ng	# 80
63) Azobenzene	16.022	77	45113	7.954	ng	84
65) 4,6-Dinitro-2-methylph...	15.823	198	6423	6.514	ng	88
66) n-Nitrosodiphenylamine	15.946	169	33999	7.844	ng	96
67) 4-Bromophenyl-phenylether	16.627	248	14132	7.822	ng	89
68) Hexachlorobenzene	16.751	284	15098	7.522	ng	92
69) Atrazine	16.886	200	14569	8.402	ng	97
70) Pentachlorophenol	17.097	266	5905	5.486	ng	93
71) Phenanthrene	17.485	178	62869	7.789	ng	95
72) Anthracene	17.573	178	65788	8.300	ng	95
73) Carbazole	17.843	167	56253	7.493	ng	96
74) Di-n-butylphthalate	18.396	149	70091	8.009	ng	99
75) Fluoranthene	19.494	202	79319	7.986	ng	94
77) Benzidine	19.676	184	37277	9.072	ng	# 95
78) Pyrene	19.858	202	78945	7.221	ng	99
80) Butylbenzylphthalate	20.734	149	28926	6.947	ng	# 93
81) Benzo(a)anthracene	21.703	228	76827	7.356	ng	97
82) 3,3'-Dichlorobenzidine	21.615	252	29284	9.604	ng	90
83) Chrysene	21.767	228	75041	7.517	ng	98
84) Bis(2-ethylhexyl)phtha...	21.597	149	43812	7.434	ng	# 94
85) Di-n-octyl phthalate	22.825	149	74691	7.502	ng	99
87) Indeno(1,2,3-cd)pyrene	28.740	276	96598	7.899	ng	# 79
88) Benzo(b)fluoranthene	23.953	252	81671	7.343	ng	# 98
89) Benzo(k)fluoranthene	24.017	252	77852	7.504	ng	# 99
90) Benzo(a)pyrene	24.840	252	77834	7.733	ng	# 96
91) Dibenzo(a,h)anthracene	28.805	278	81764	7.934	ng	# 94
92) Benzo(g,h,i)perylene	29.909	276	80418	7.965	ng	94

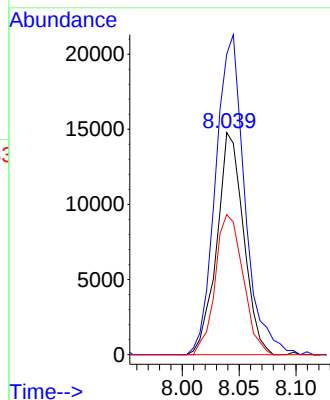
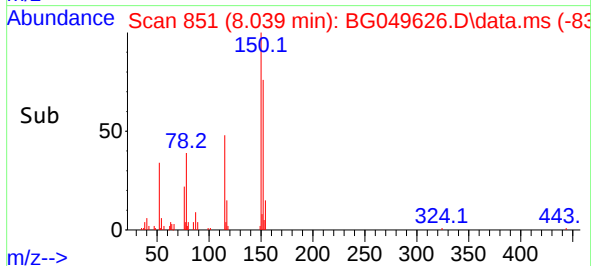
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.039 min Scan# 851
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



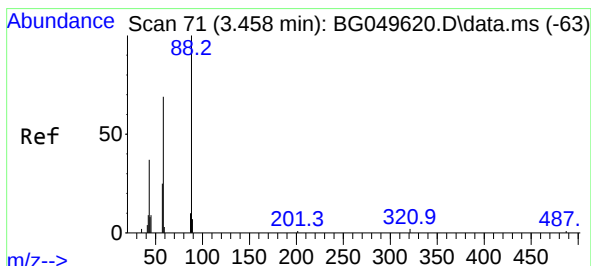
Tgt Ion:152 Resp: 24191
Ion Ratio Lower Upper
152 100
150 135.4 119.4 179.0
115 63.1 60.2 90.4



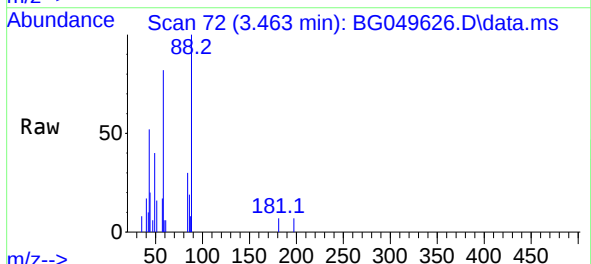
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

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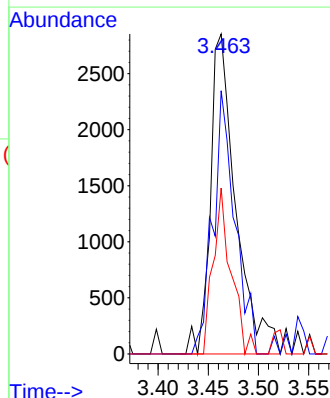
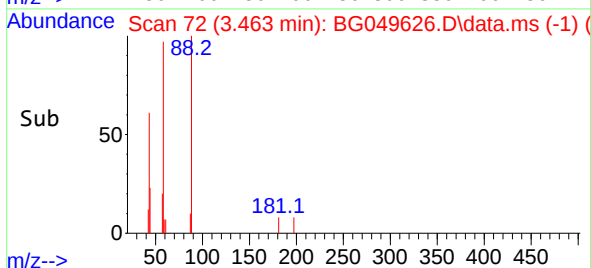
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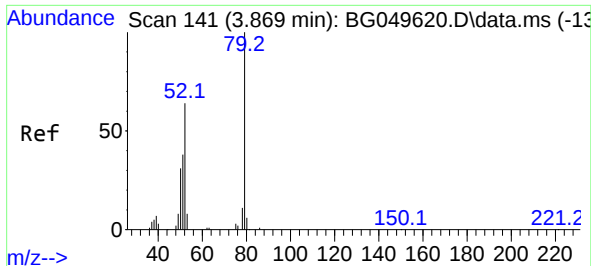


#2
1,4-Dioxane
Concen: 8.526 ng
RT: 3.463 min Scan# 72
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



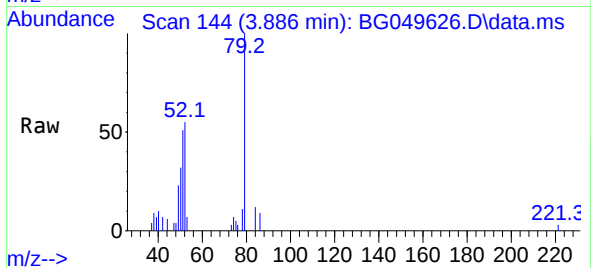
Tgt Ion: 88 Resp: 5028
Ion Ratio Lower Upper
88 100
58 71.0 55.7 83.5
43 36.6 29.3 43.9





#3
Pyridine
Concen: 7.044 ng
RT: 3.886 min Scan# 144
Delta R.T. 0.016 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

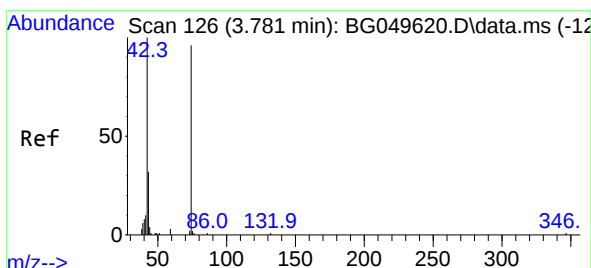
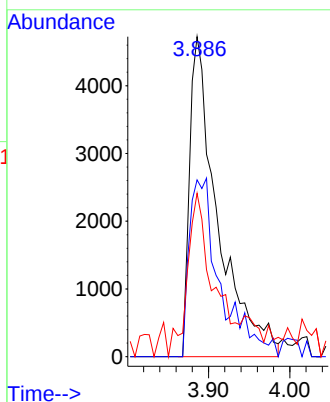
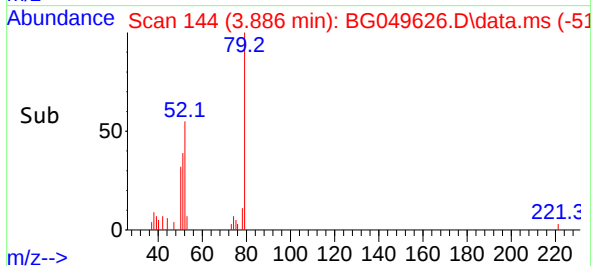
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT2-2021



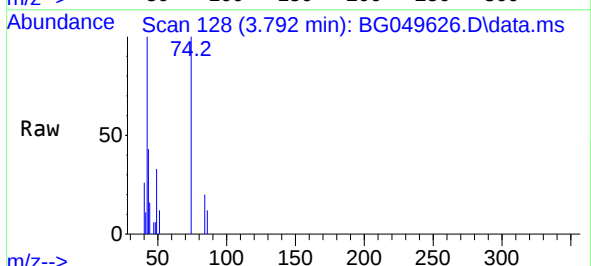
Tgt Ion: 79 Resp: 11387
Ion Ratio Lower Upper
79 100
52 55.2 58.4 87.6#
51 51.0 37.0 55.6

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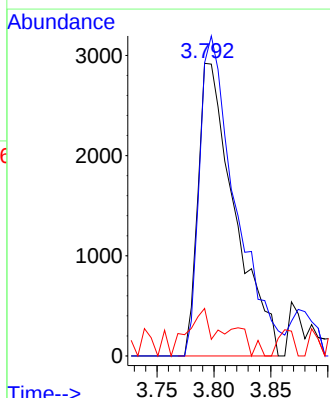
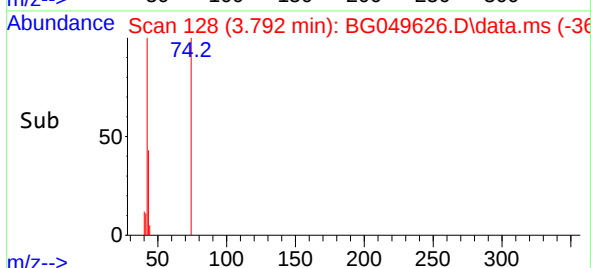
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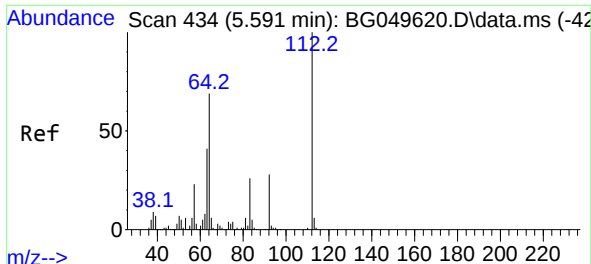


#4
n-Nitrosodimethylamine
Concen: 7.506 ng
RT: 3.792 min Scan# 128
Delta R.T. 0.010 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



Tgt Ion: 42 Resp: 6524
Ion Ratio Lower Upper
42 100
74 100.2 64.0 96.0#
44 16.2 2.7 4.1#





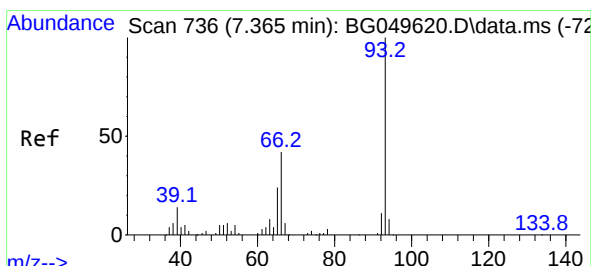
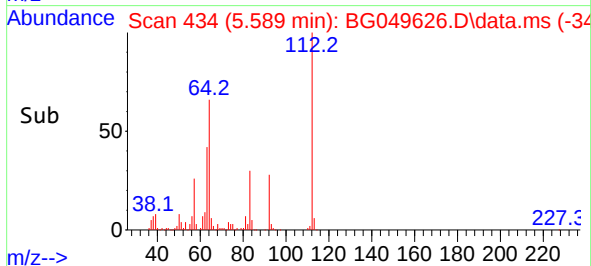
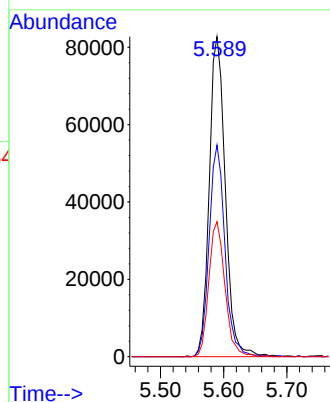
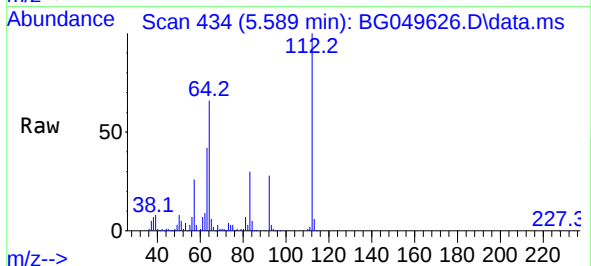
#5
2-Fluorophenol
Concen: 107.892 ng
RT: 5.589 min Scan# 434
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion: 112 Resp: 145599
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 42.2 35.3 52.9

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ClientSampleId :
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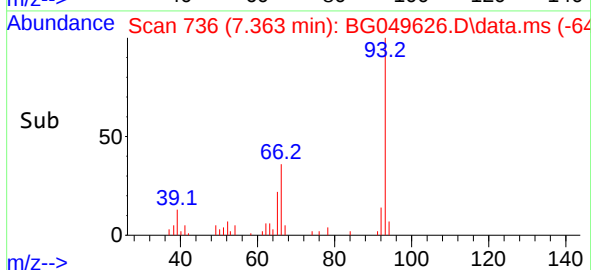
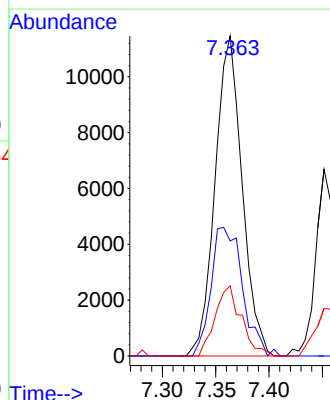
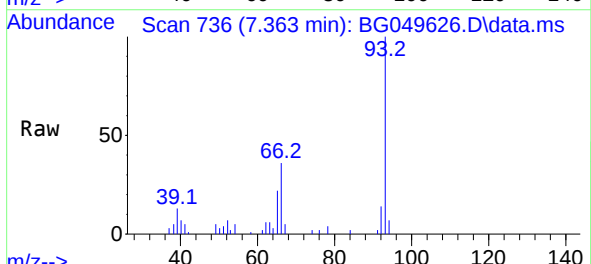
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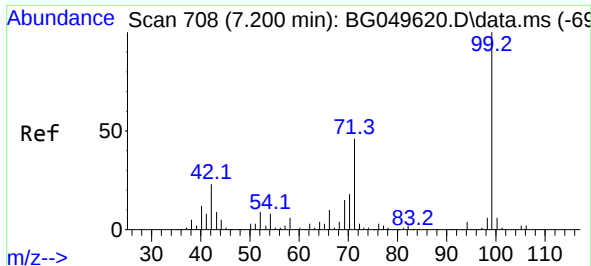
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#6
Aniline
Concen: 9.322 ng
RT: 7.363 min Scan# 736
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion: 93 Resp: 20183
Ion Ratio Lower Upper
93 100
66 35.9 30.6 45.8
65 21.9 15.0 22.4





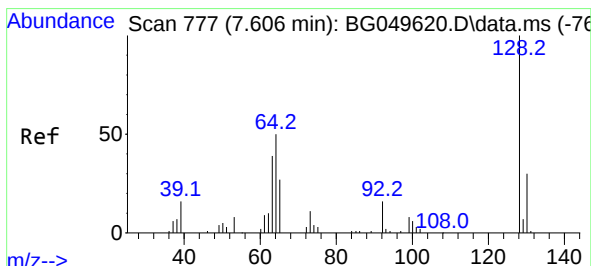
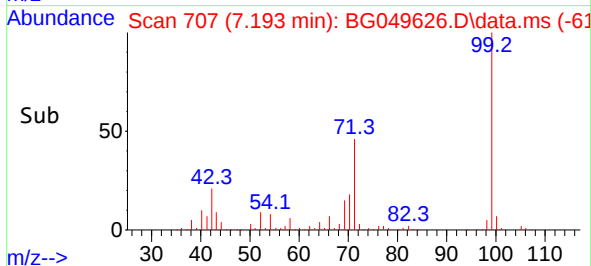
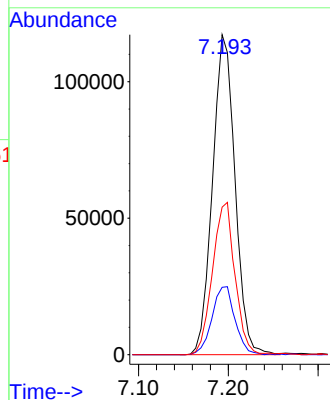
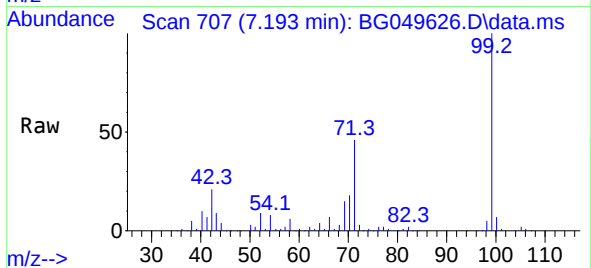
#7
Phenol-d6
Concen: 99.647 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion: 99 Resp: 203556
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 46.1 41.5 62.3

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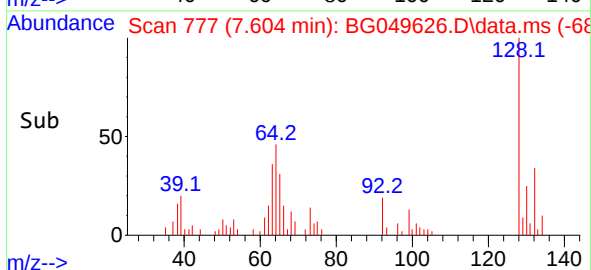
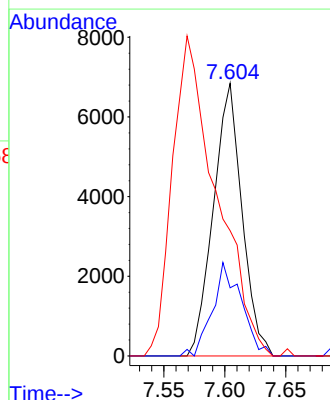
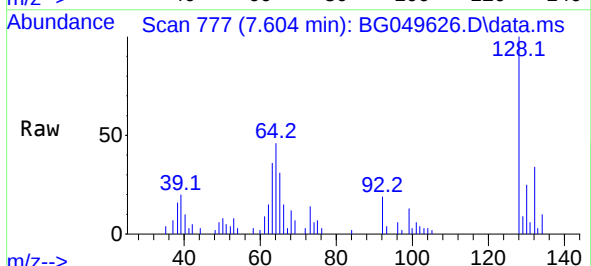
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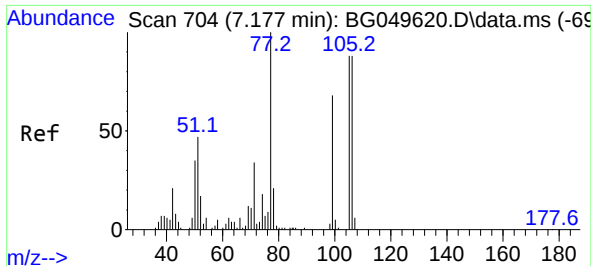
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#8
2-Chlorophenol
Concen: 7.624 ng
RT: 7.604 min Scan# 777
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

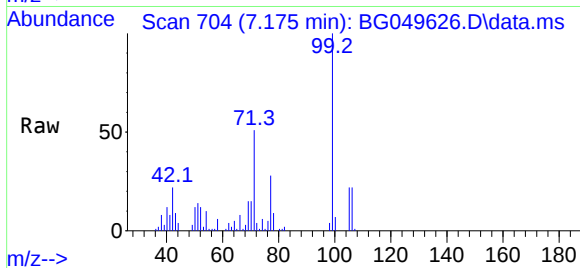
Tgt Ion: 128 Resp: 11217
Ion Ratio Lower Upper
128 100
130 25.0 10.0 50.0
64 46.0 28.1 68.1





#9
Benzaldehyde
Concen: 10.037 ng
RT: 7.175 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

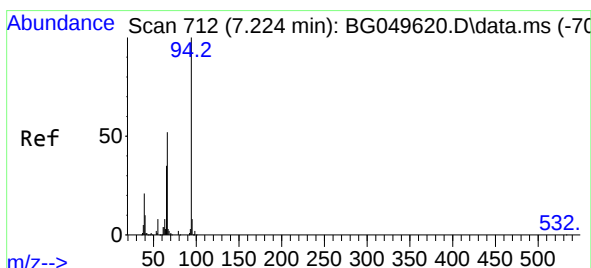
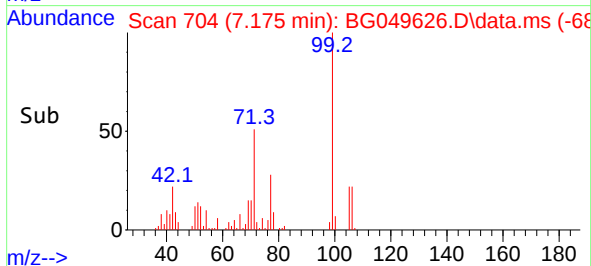
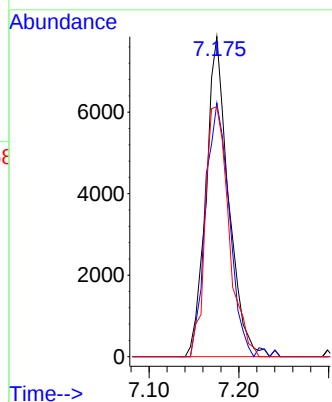
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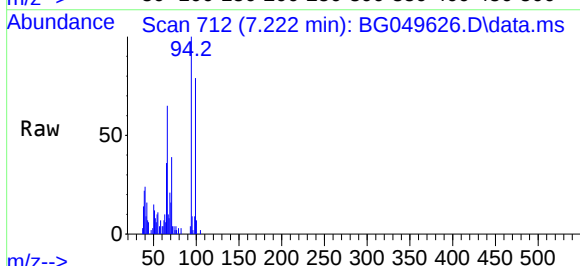
Tgt Ion: 77 Resp: 13681
Ion Ratio Lower Upper
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105 79.2 68.8 108.8
106 78.1 47.9 87.9

Manual Integrations
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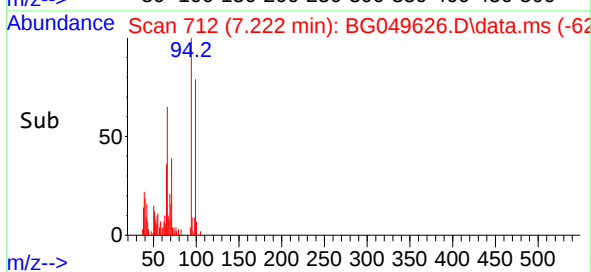
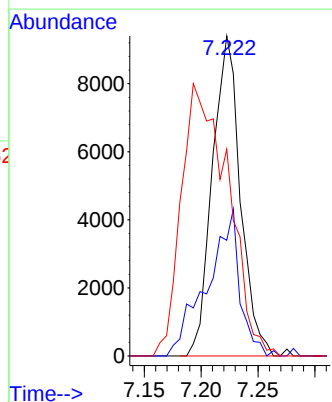
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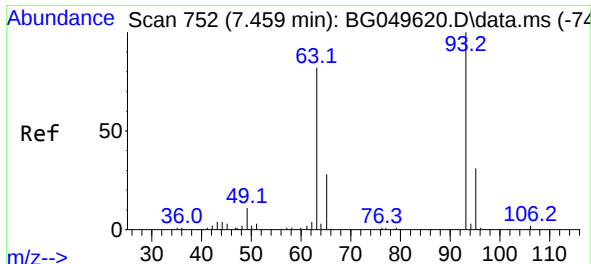


#10
Phenol
Concen: 8.138 ng
RT: 7.222 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



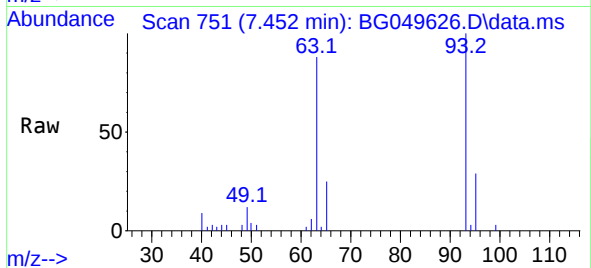
Tgt Ion: 94 Resp: 16108
Ion Ratio Lower Upper
94 100
65 36.1 12.9 52.9
66 64.6 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 8.215 ng
RT: 7.452 min Scan# 751
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

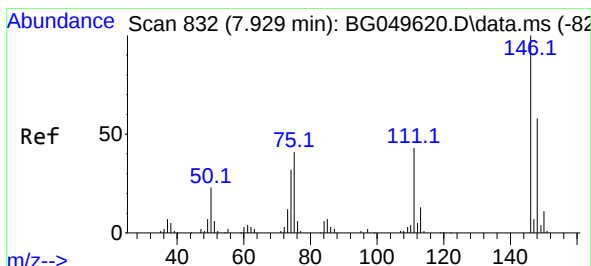
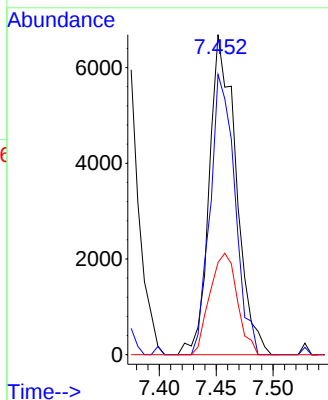
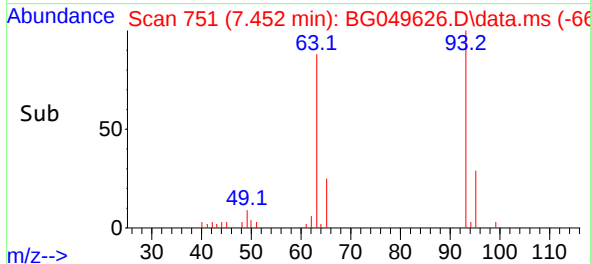
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



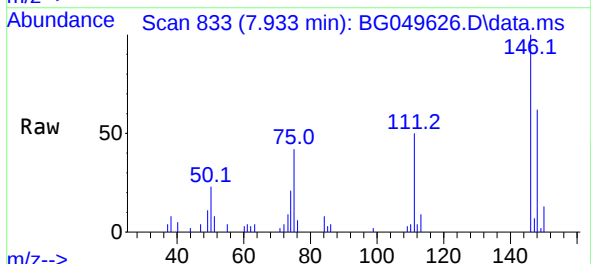
Tgt Ion: 93 Resp: 10979
Ion Ratio Lower Upper
93 100
63 87.6 50.4 90.4
95 28.8 15.3 55.3

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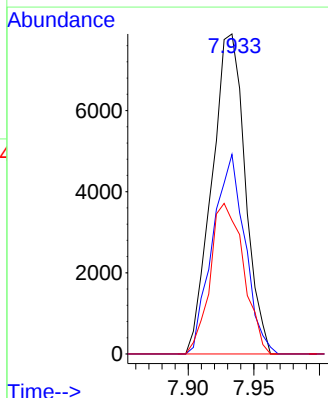
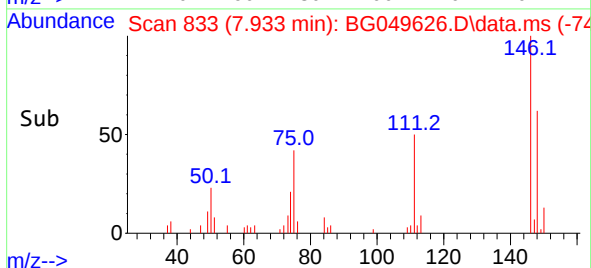
mohammad
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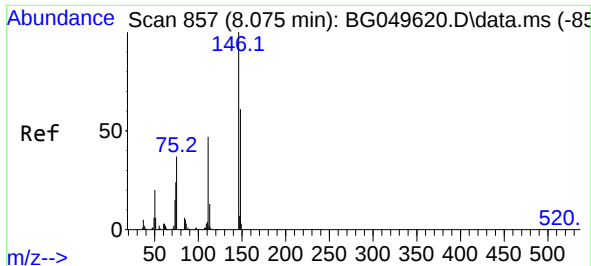


#12
1,3-Dichlorobenzene
Concen: 8.246 ng
RT: 7.933 min Scan# 833
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



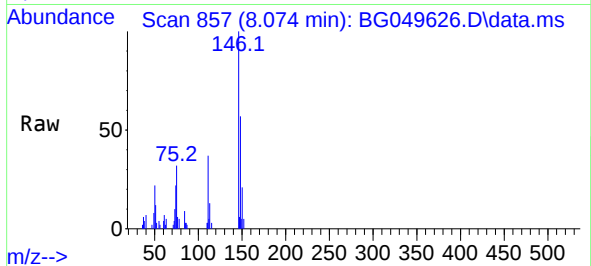
Tgt Ion: 146 Resp: 13895
Ion Ratio Lower Upper
146 100
148 62.4 52.6 78.8
75 41.7 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 8.506 ng
RT: 8.074 min Scan# 857
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

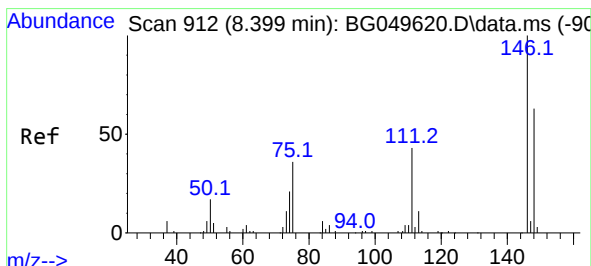
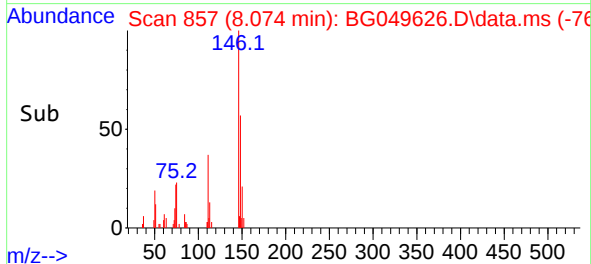
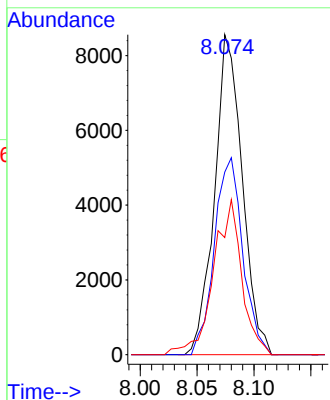
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:146 Resp: 14509
Ion Ratio Lower Upper
146 100
148 57.0 54.0 81.0
111 36.6 34.3 51.5

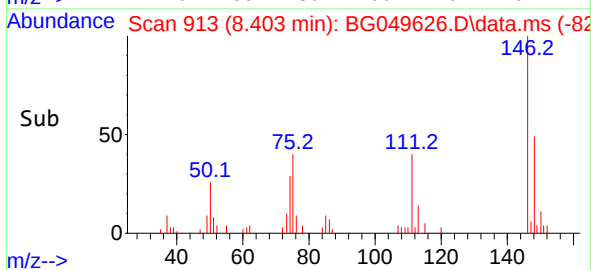
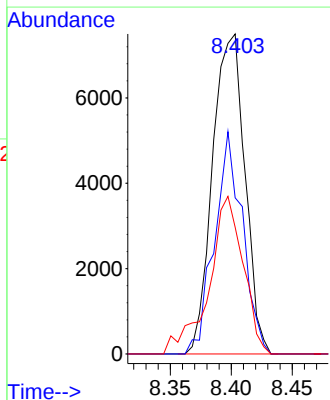
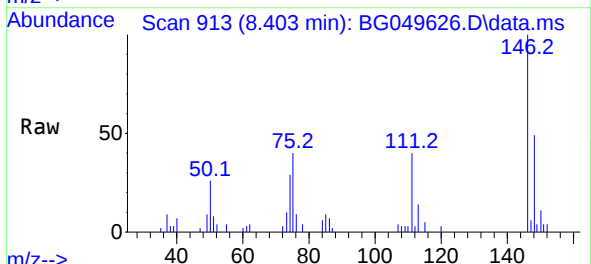
Manual Integrations
APPROVED

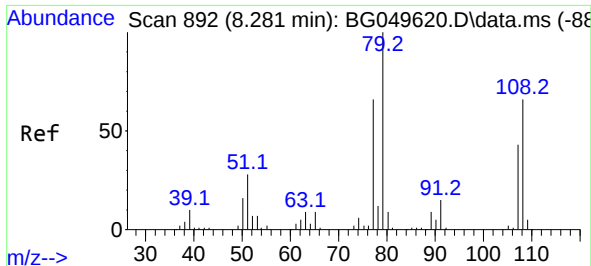
mohammad
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#14
1,2-Dichlorobenzene
Concen: 8.571 ng
RT: 8.403 min Scan# 913
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:146 Resp: 13850
Ion Ratio Lower Upper
146 100
148 48.8 47.5 71.3
111 39.6 39.1 58.7





#15

Benzyl Alcohol

Concen: 7.987 ng

RT: 8.274 min Scan# 891

Delta R.T. -0.007 min

Lab File: BG049626.D

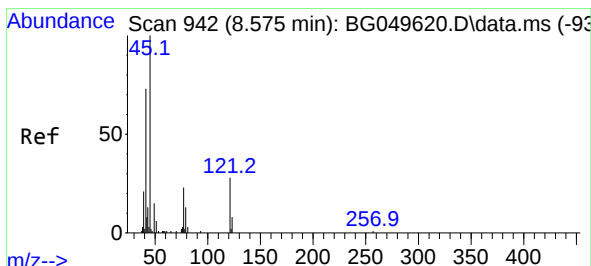
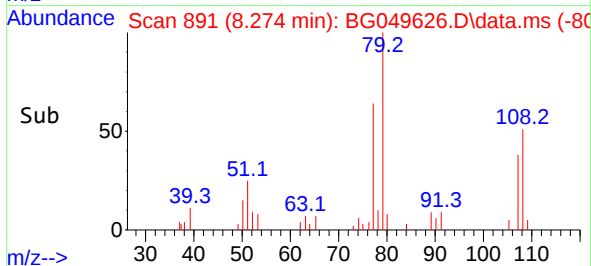
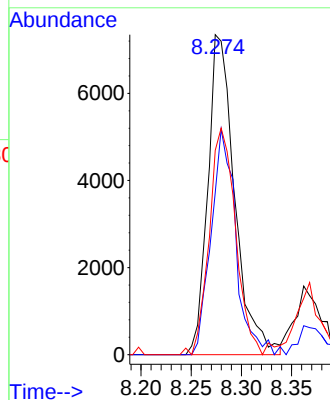
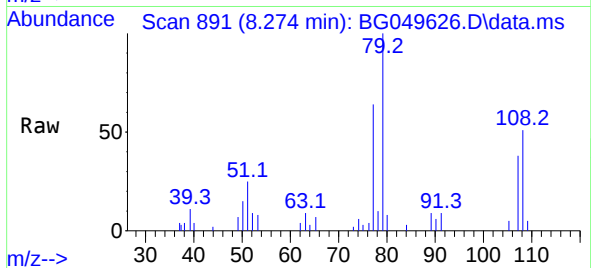
Acq: 3 Aug 2021 16:27

Tgt Ion:	79	Resp:	13702
Ion	Ratio	Lower	Upper
79	100		
108	50.7	48.2	72.4
77	63.9	57.3	85.9

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.884 ng

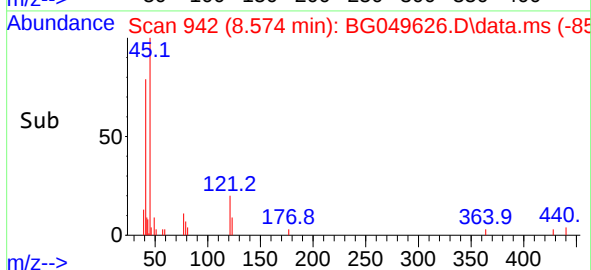
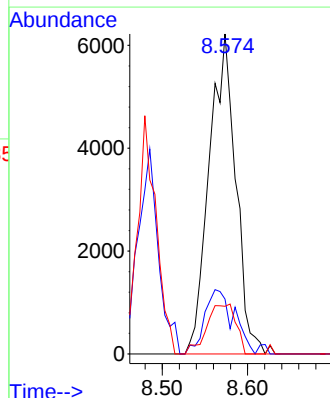
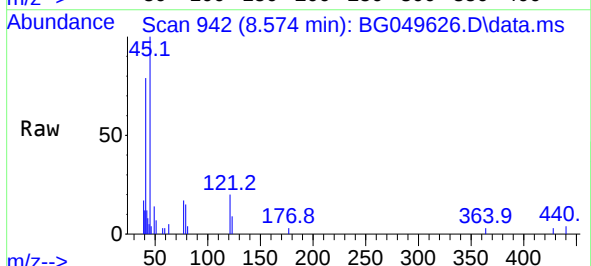
RT: 8.574 min Scan# 942

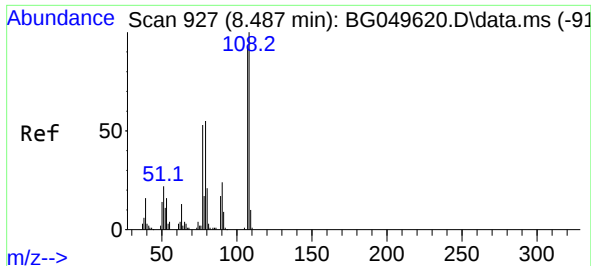
Delta R.T. -0.001 min

Lab File: BG049626.D

Acq: 3 Aug 2021 16:27

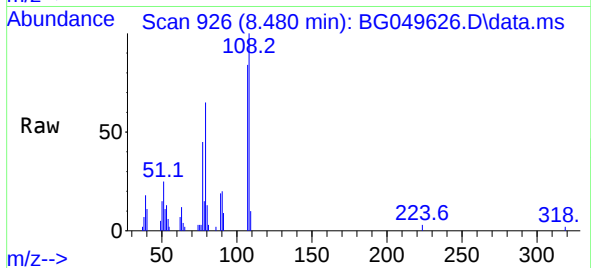
Tgt Ion:	45	Resp:	13490
Ion	Ratio	Lower	Upper
45	100		
77	17.1	2.2	42.2
79	14.9	0.0	34.3





#17
2-Methylphenol
Concen: 7.893 ng
RT: 8.480 min Scan# 926
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

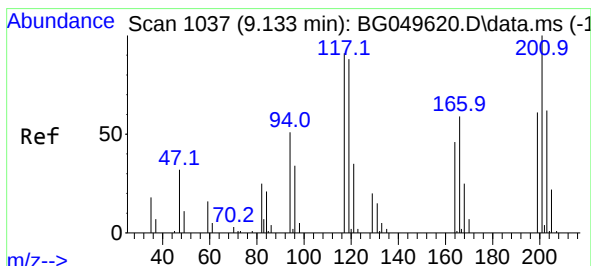
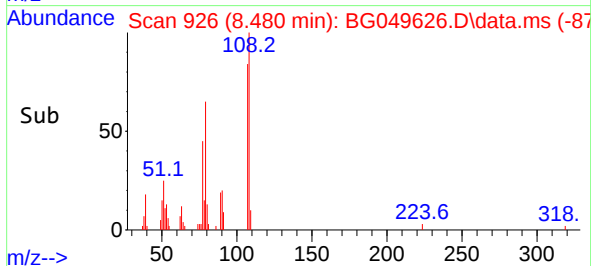
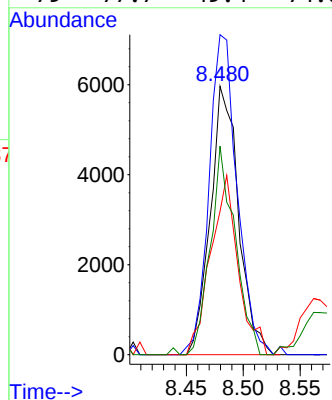
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:	107	Resp:	10288
Ion	Ratio	Lower	Upper
107	100		
108	119.2	84.6	127.0
77	53.4	50.7	76.1
79	77.7	49.4	74.0#

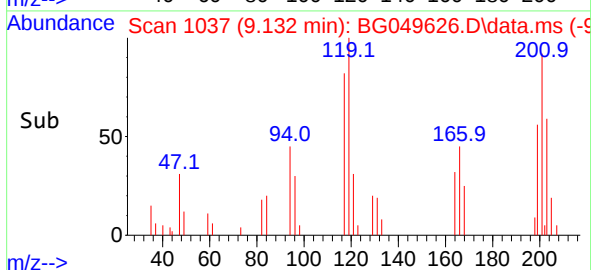
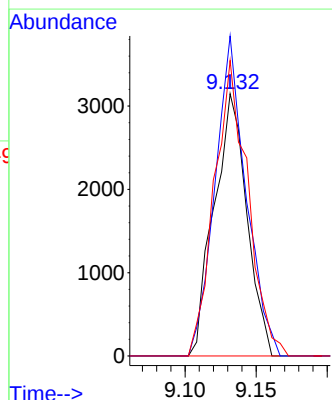
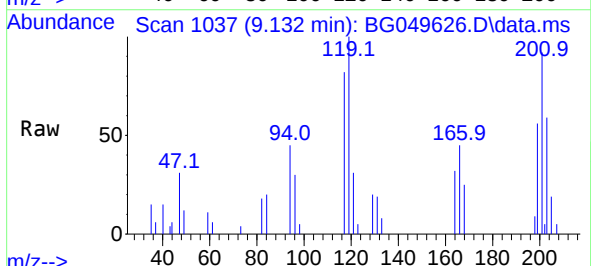
Manual Integrations
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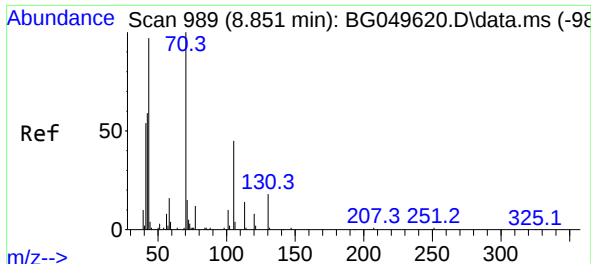
mohammad
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#18
Hexachloroethane
Concen: 7.697 ng
RT: 9.132 min Scan# 1037
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:	117	Resp:	5047
Ion	Ratio	Lower	Upper
117	100		
119	122.0	74.4	111.6#
201	112.7	88.6	133.0





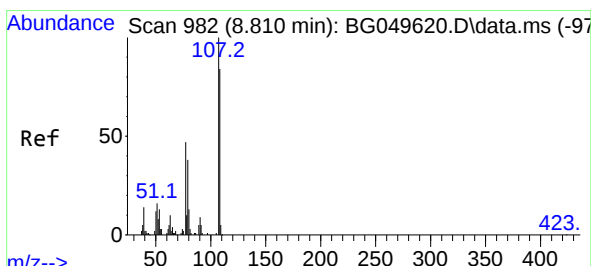
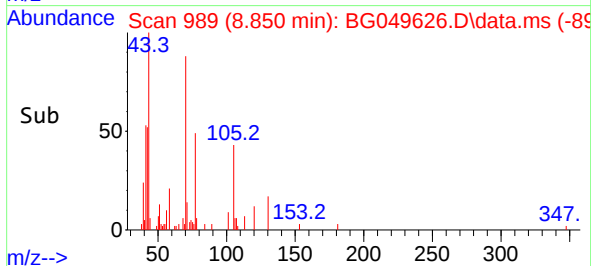
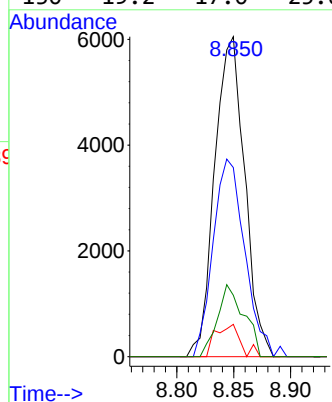
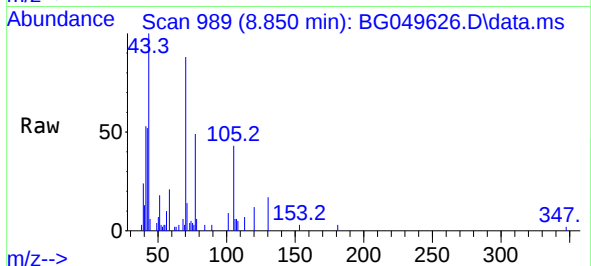
#19
n-Nitroso-di-n-propylamine
Concen: 8.120 ng
RT: 8.850 min Scan# 989
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:	70	Resp:	11100
Ion	Ratio	Lower	Upper
70	100		
42	59.1	54.5	81.7
101	10.1	9.0	13.6
130	19.2	17.0	25.6

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

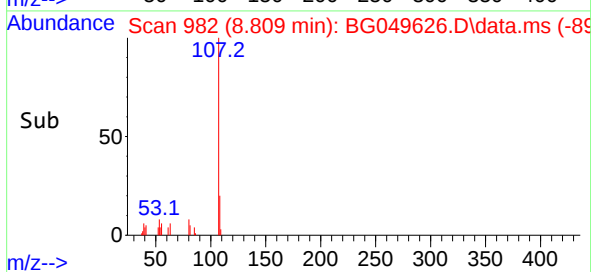
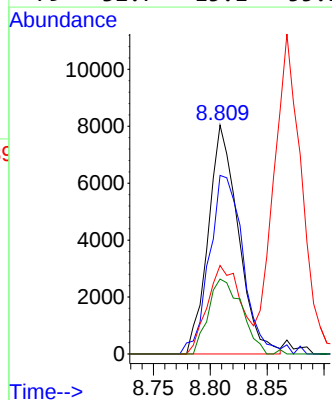
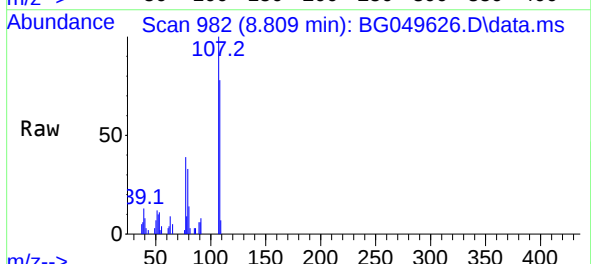
Manual Integrations
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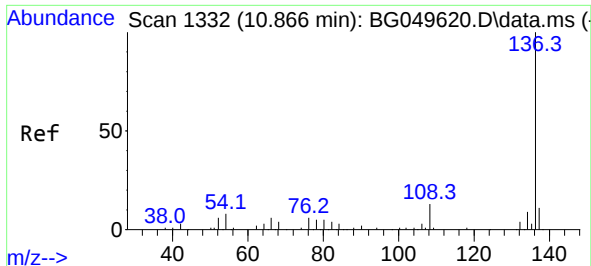
mohammad
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#20
3+4-Methylphenols
Concen: 8.061 ng
RT: 8.809 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

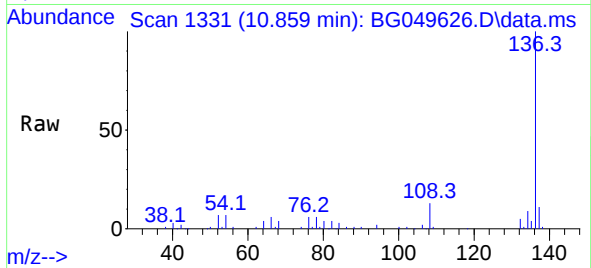
Tgt Ion:	107	Resp:	14757
Ion	Ratio	Lower	Upper
107	100		
108	78.1	69.3	109.3
77	38.7	25.2	65.2
79	32.7	15.1	55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.859 min Scan# 1331
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

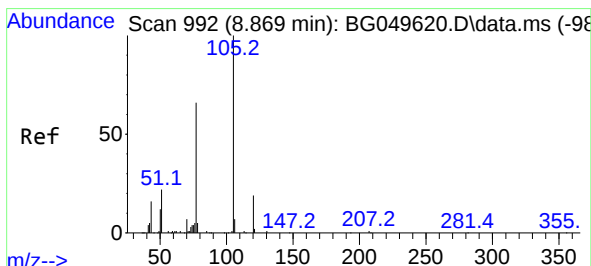
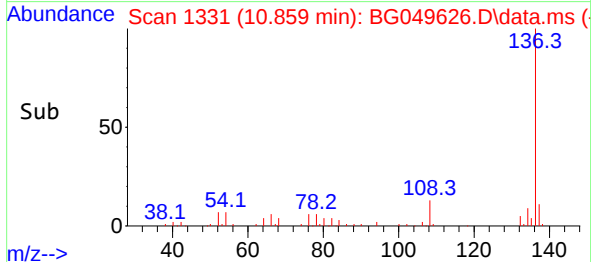
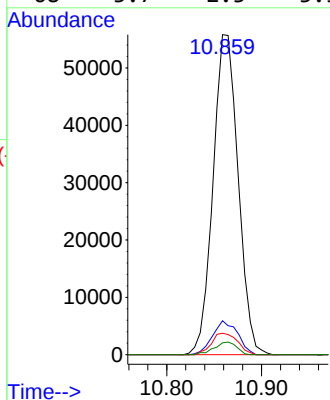
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:136 Resp: 102690
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 6.7 5.5 8.3
68 3.7 2.3 3.5#

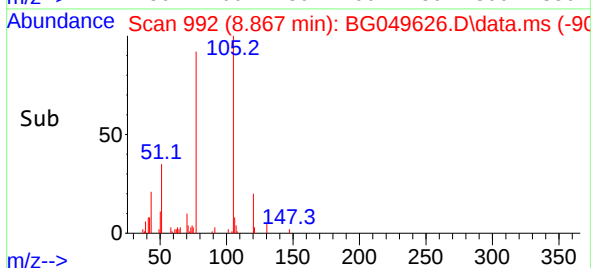
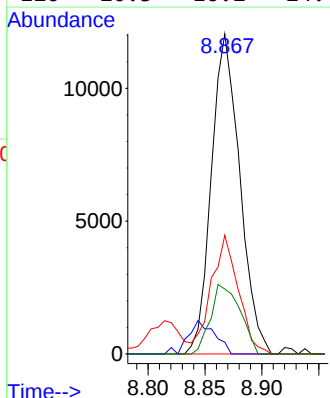
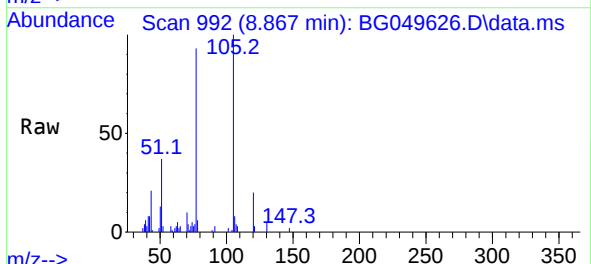
Manual Integrations
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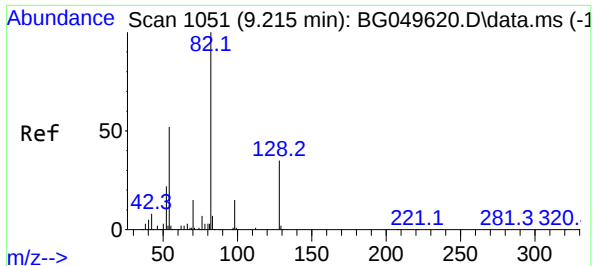
mohammad
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#22
Acetophenone
Concen: 7.515 ng
RT: 8.867 min Scan# 992
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

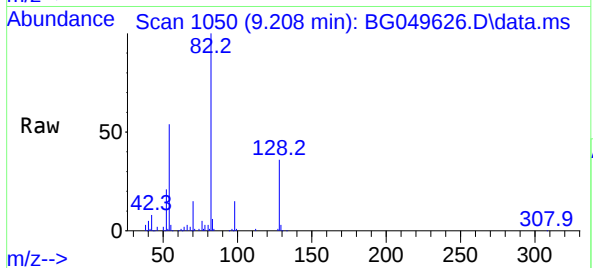
Tgt Ion:105 Resp: 20966
Ion Ratio Lower Upper
105 100
71 3.7 0.6 0.8#
51 37.0 26.6 40.0
120 20.3 16.2 24.4





#23
Nitrobenzene-d5
Concen: 62.820 ng
RT: 9.208 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

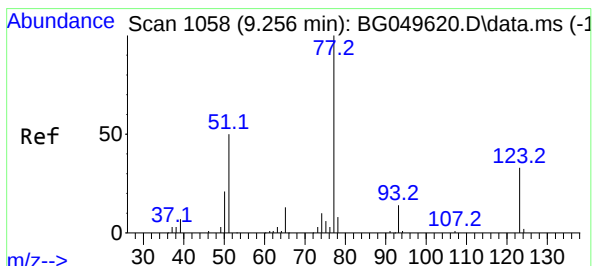
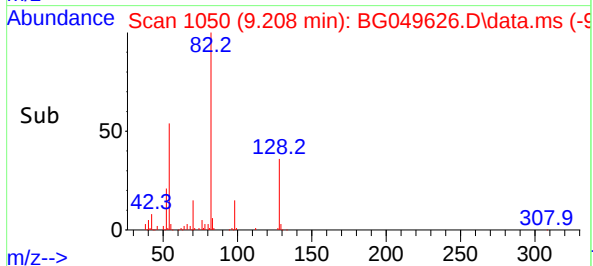
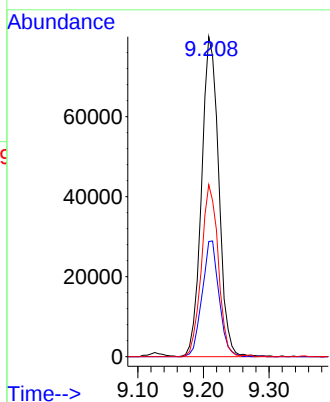
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



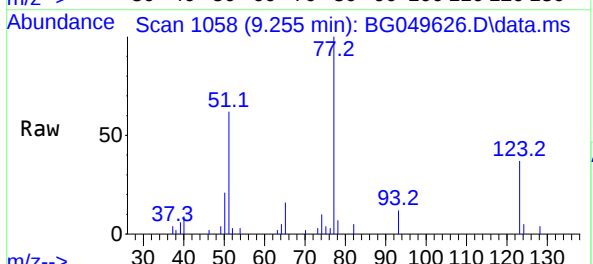
Tgt Ion: 82 Resp: 145781
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 53.8 45.8 68.8

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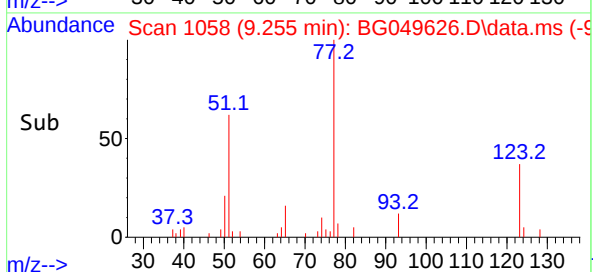
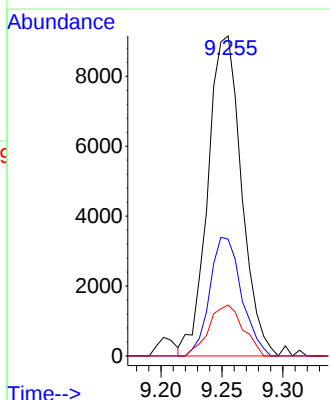
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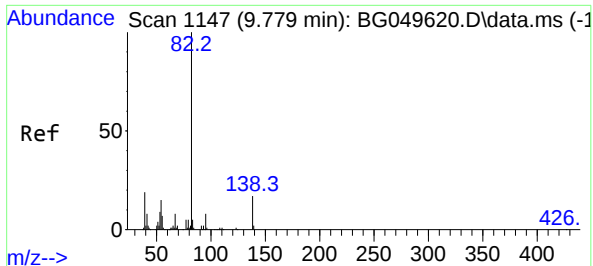


#24
Nitrobenzene
Concen: 7.176 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



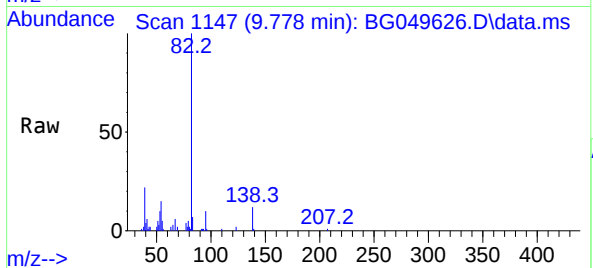
Tgt Ion: 77 Resp: 17573
Ion Ratio Lower Upper
77 100
123 36.5 27.5 41.3
65 15.9 12.6 18.8





#25
Isophorone
Concen: 7.337 ng
RT: 9.778 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

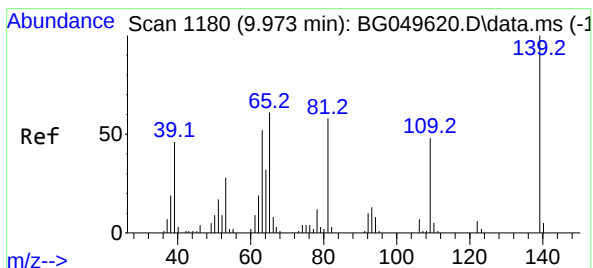
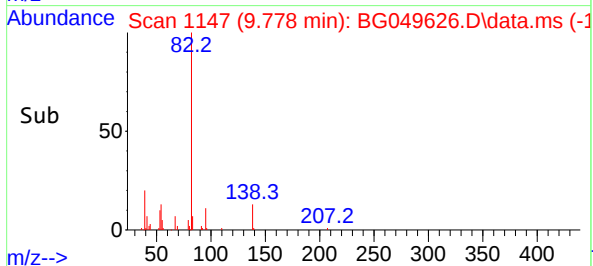
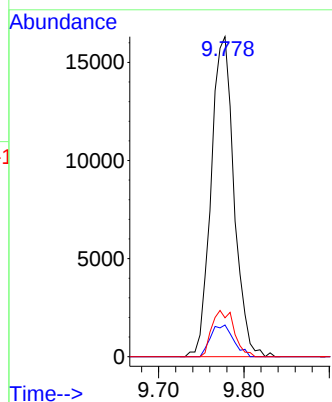
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion: 82 Resp: 30382
Ion Ratio Lower Upper
82 100
95 9.9 8.5 12.7
138 12.2 11.8 17.6

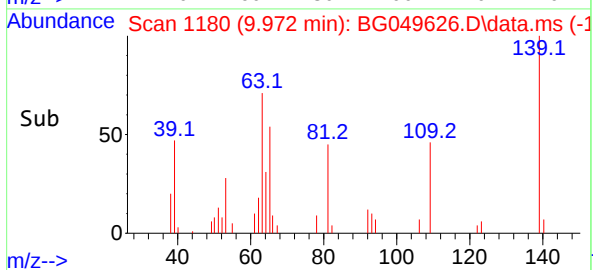
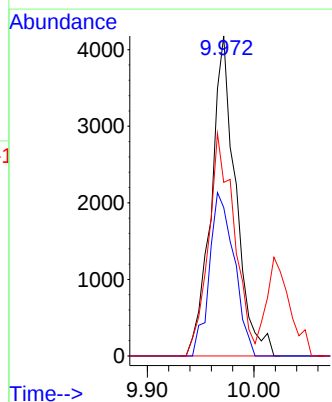
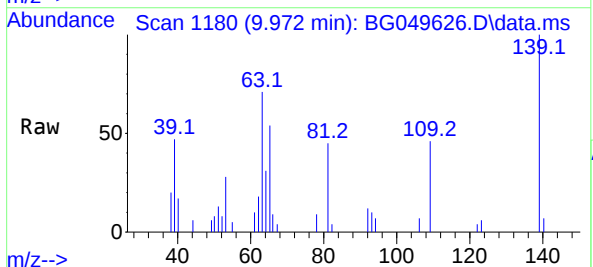
Manual Integrations
APPROVED

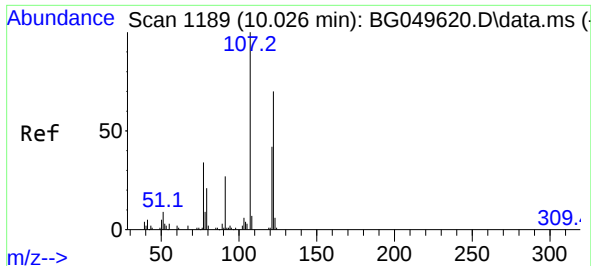
mohammad
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#26
2-Nitrophenol
Concen: 7.164 ng
RT: 9.972 min Scan# 1180
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

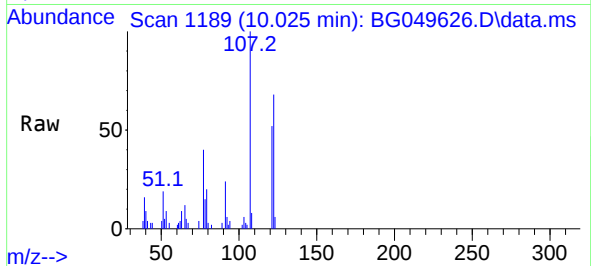
Tgt Ion: 139 Resp: 6695
Ion Ratio Lower Upper
139 100
109 46.4 37.8 56.6
65 54.3 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 8.619 ng
RT: 10.025 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

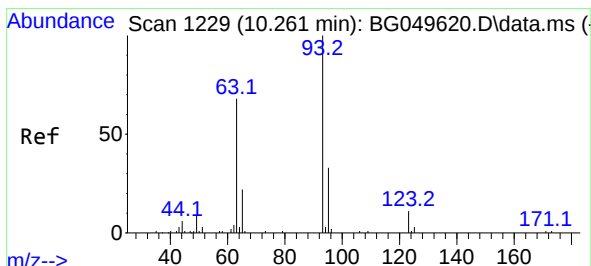
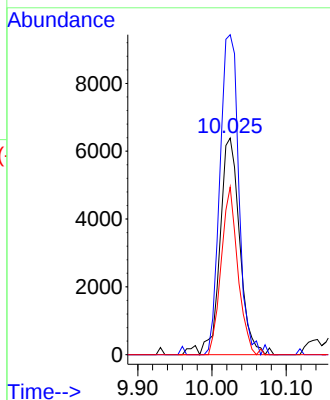
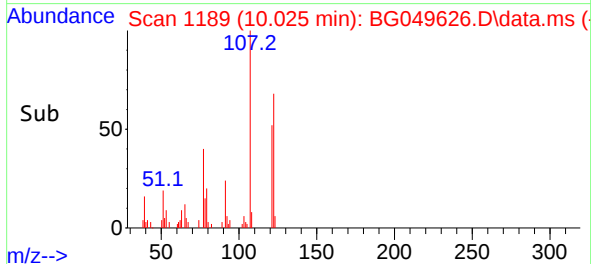
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



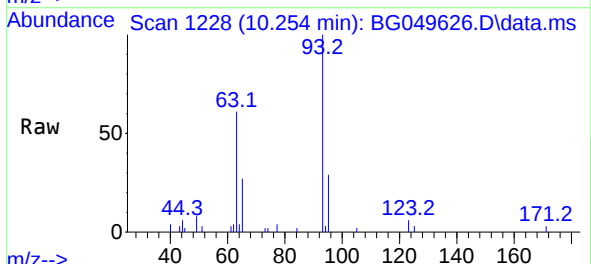
Tgt Ion:122 Resp: 11905
Ion Ratio Lower Upper
122 100
107 147.8 110.1 165.1
121 77.5 49.0 73.6#

Manual Integrations
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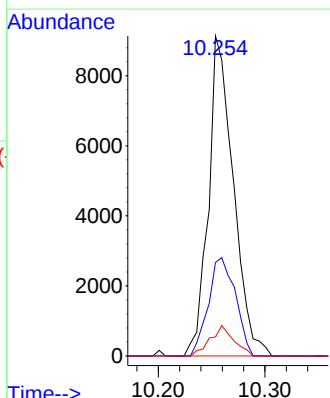
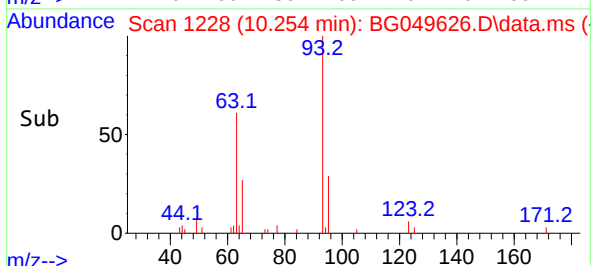
mohammad
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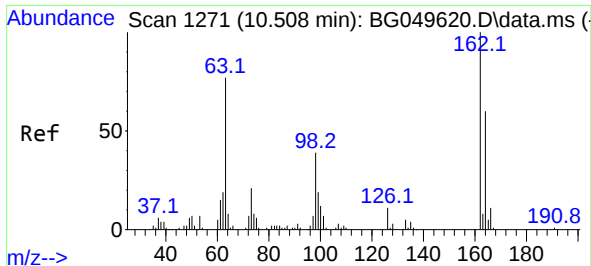


#28
bis(2-Chloroethoxy)methane
Concen: 8.187 ng
RT: 10.254 min Scan# 1228
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



Tgt Ion: 93 Resp: 14831
Ion Ratio Lower Upper
93 100
95 29.2 22.2 33.4
123 5.9 8.8 13.2#





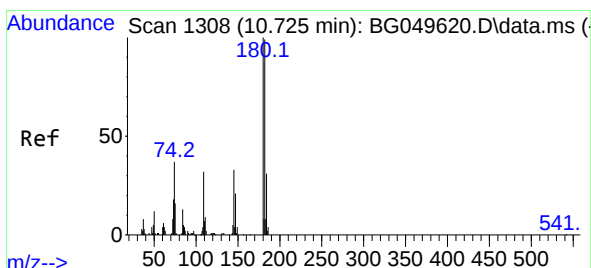
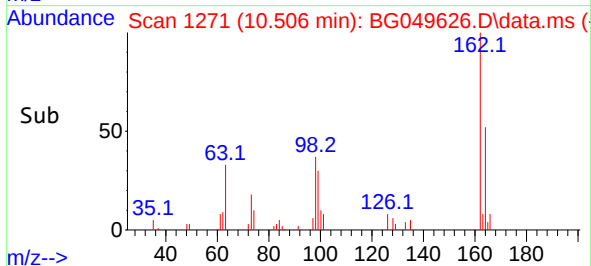
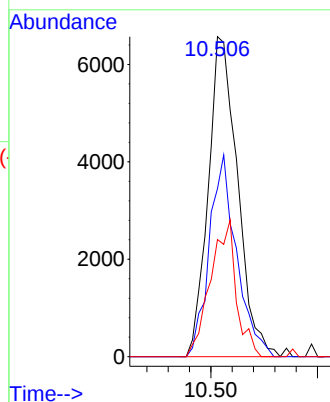
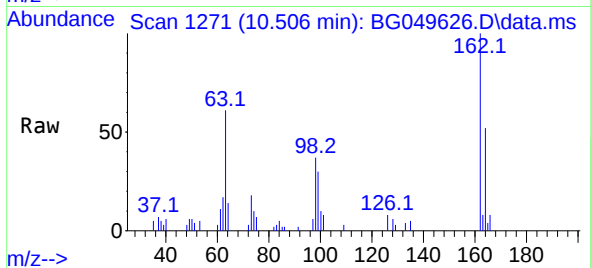
#29
2,4-Dichlorophenol
Concen: 7.413 ng
RT: 10.506 min Scan# 1271
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion	Ratio	Lower	Upper
162	100		
164	52.5	39.4	79.4
98	36.6	18.7	58.7

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

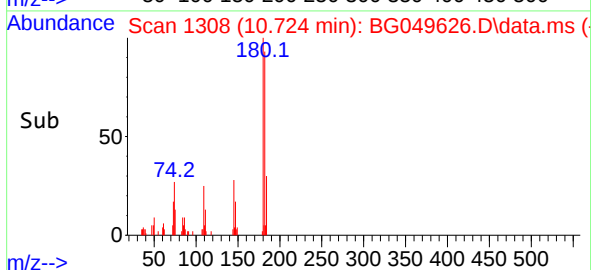
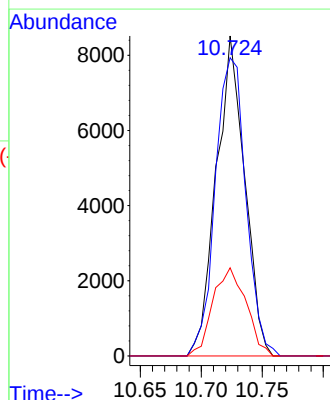
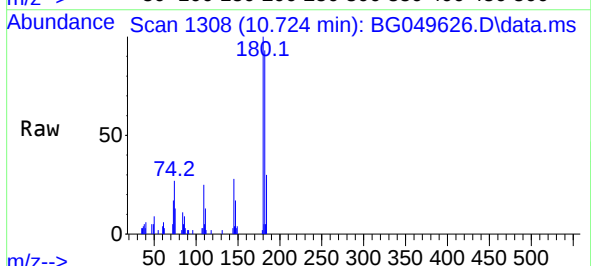
Manual Integrations
APPROVED

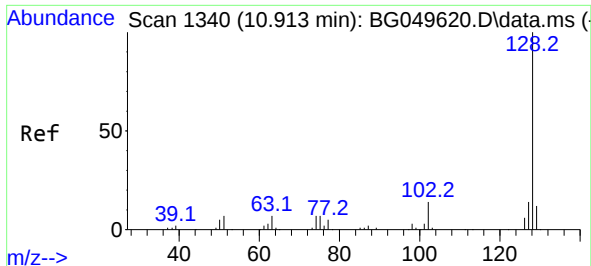
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 7.400 ng
RT: 10.724 min Scan# 1308
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

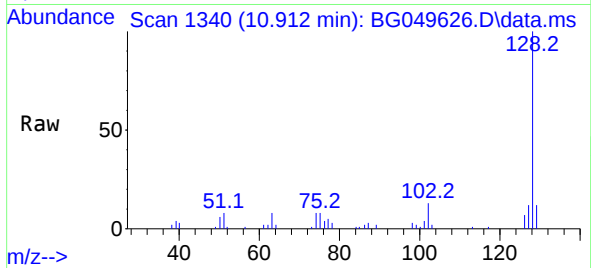
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	78.9	118.3
145	27.6	26.2	39.4





#31
Naphthalene
Concen: 7.622 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

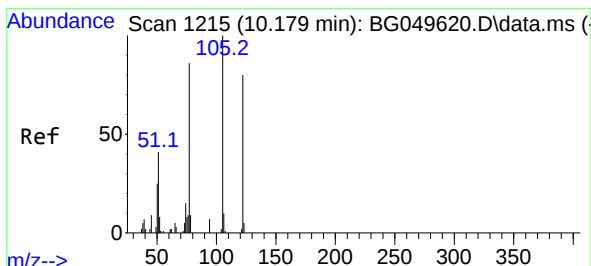
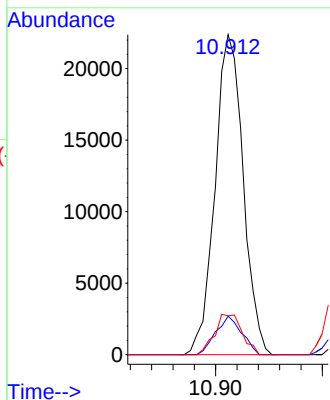
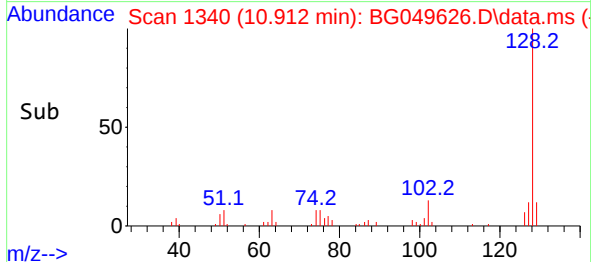
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



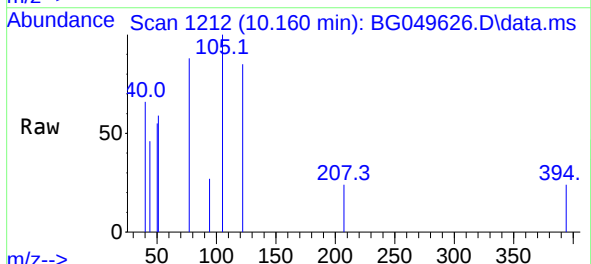
Tgt Ion:128 Resp: 40992
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 12.1 10.2 15.4

Manual Integrations
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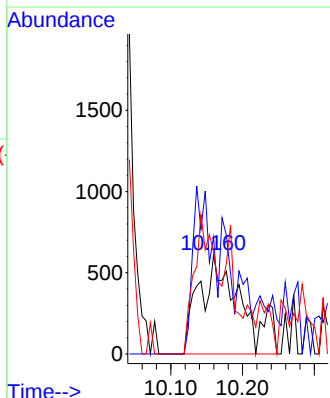
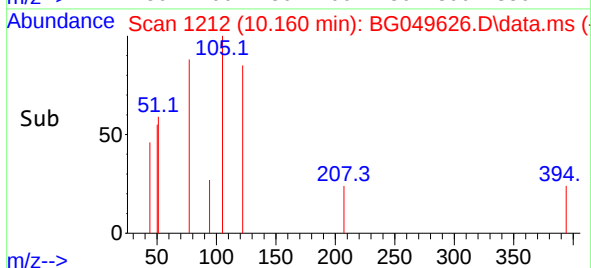
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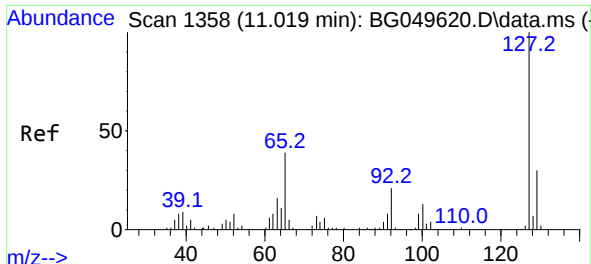


#32
Benzoic acid
Concen: 2.756 ng m
RT: 10.160 min Scan# 1212
Delta R.T. -0.019 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



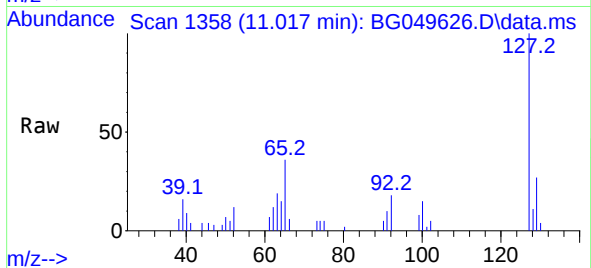
Tgt Ion:122 Resp: 2462
Ion Ratio Lower Upper
122 100
105 118.3 92.3 132.3
77 103.6 66.5 106.5





#33
4-Chloroaniline
Concen: 7.730 ng
RT: 11.017 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

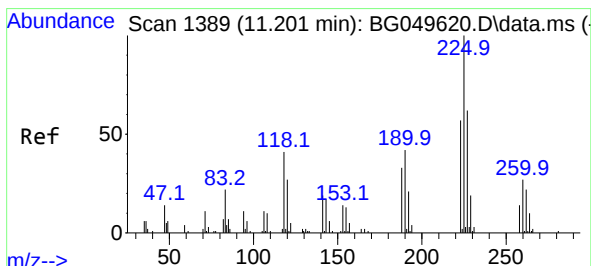
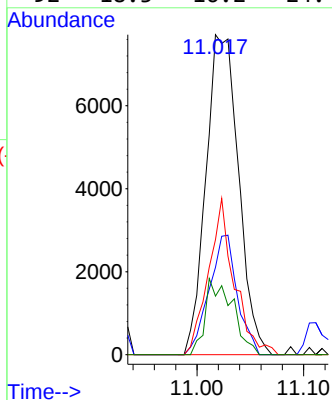
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



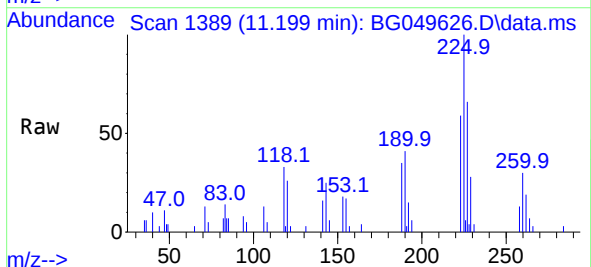
Tgt Ion:	127	Resp:	16413
Ion	Ratio	Lower	Upper
127	100		
129	27.3	26.7	40.1
65	35.9	32.8	49.2
92	18.3	16.2	24.4

Manual Integrations
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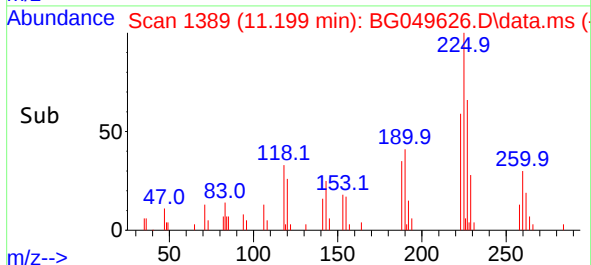
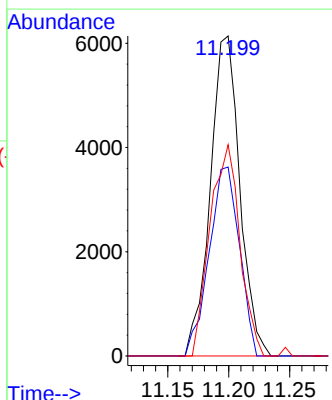
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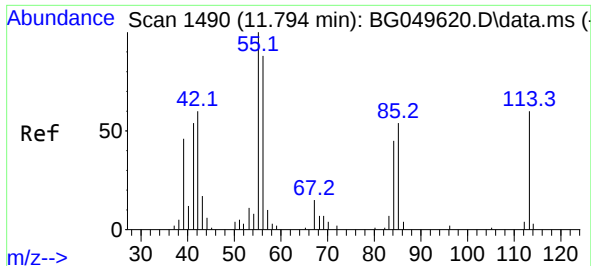


#34
Hexachlorobutadiene
Concen: 7.643 ng
RT: 11.199 min Scan# 1389
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



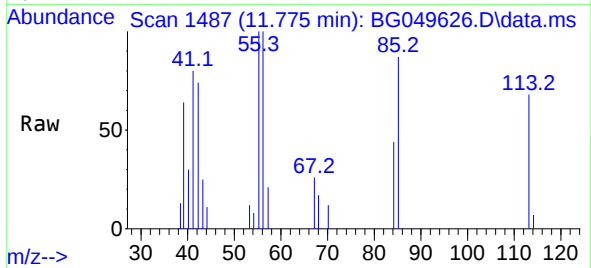
Tgt Ion:	225	Resp:	10366
Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.8	74.8
227	66.0	46.4	69.6





#35
Caprolactam
Concen: 6.527 ng
RT: 11.775 min Scan# 1487
Delta R.T. -0.019 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

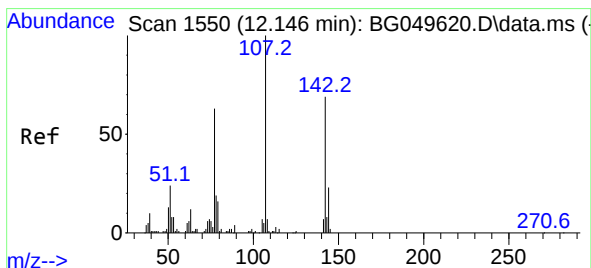
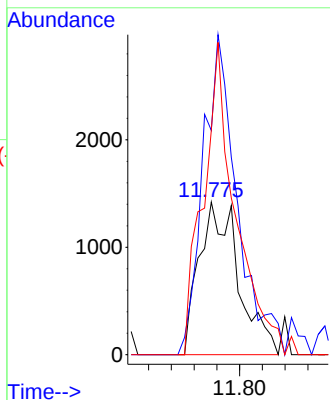
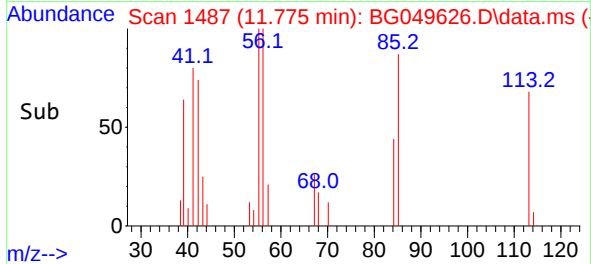
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



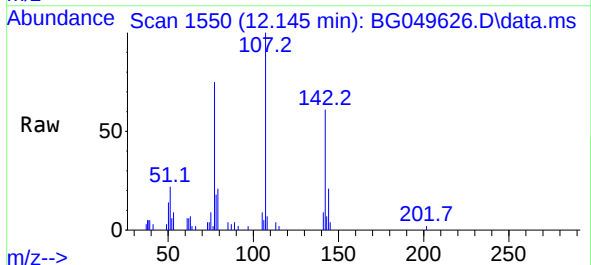
Tgt Ion:113 Resp: 3418
Ion Ratio Lower Upper
113 100
55 147.0 113.8 153.8
56 147.1 105.6 145.6#

Manual Integrations
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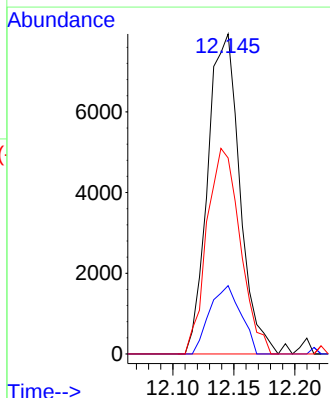
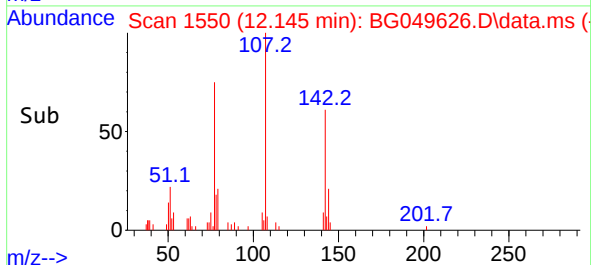
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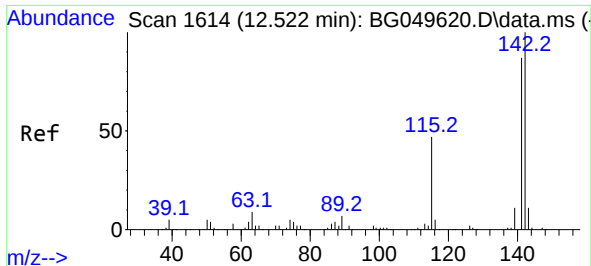


#36
4-Chloro-3-methylphenol
Concen: 7.387 ng
RT: 12.145 min Scan# 1550
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



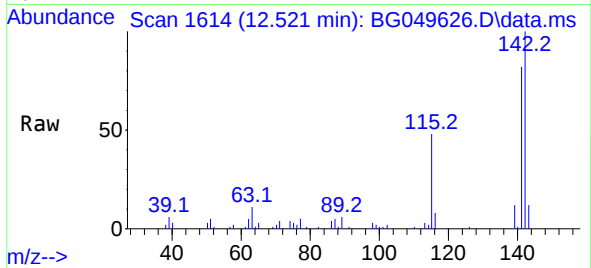
Tgt Ion:107 Resp: 14463
Ion Ratio Lower Upper
107 100
144 21.4 24.8 37.2#
142 61.2 62.2 93.4#





#37
2-Methylnaphthalene
Concen: 7.384 ng
RT: 12.521 min Scan# 1614
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

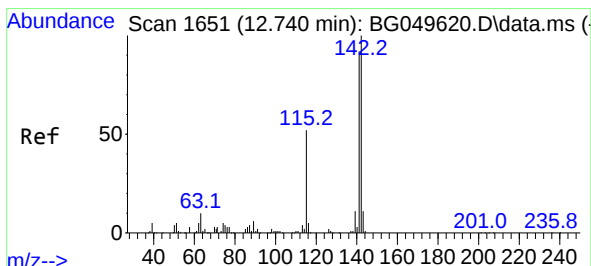
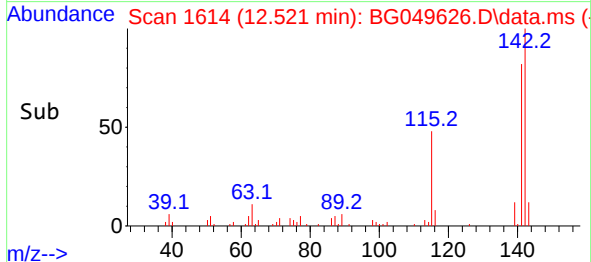
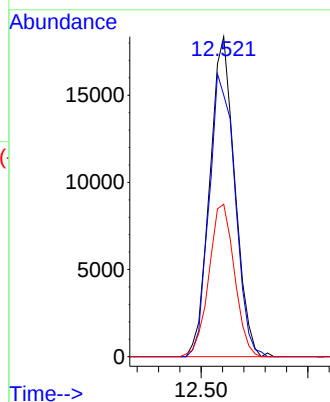
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



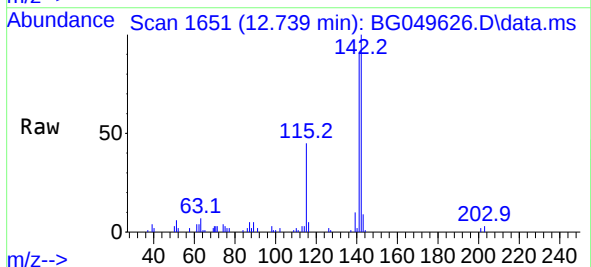
Tgt Ion:	142	Resp:	29916
Ion Ratio	Lower	Upper	
142	100		
141	81.8	68.8	103.2
115	47.7	36.4	54.6

Manual Integrations
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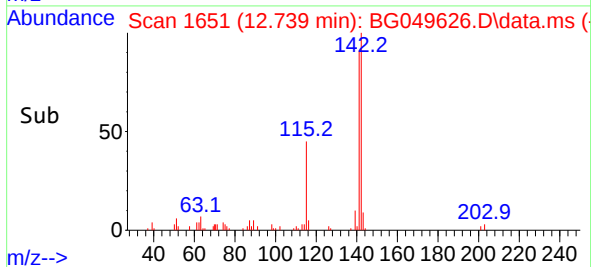
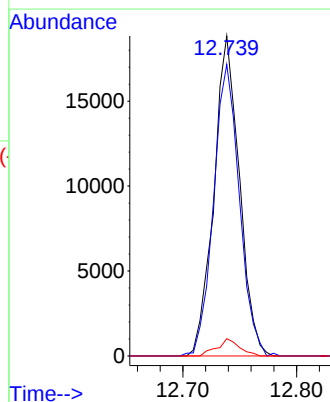
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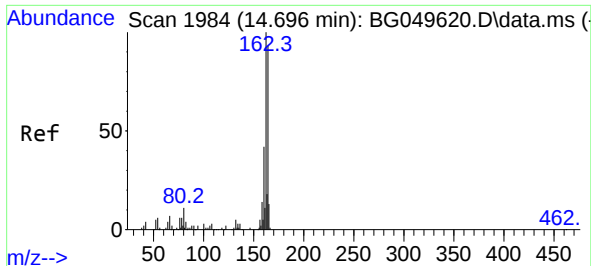


#38
1-Methylnaphthalene
Concen: 7.712 ng
RT: 12.739 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



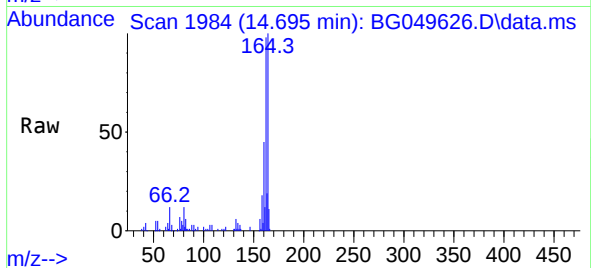
Tgt Ion:	142	Resp:	29365
Ion Ratio	Lower	Upper	
142	100		
141	91.1	70.6	106.0
116	5.4	4.0	6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

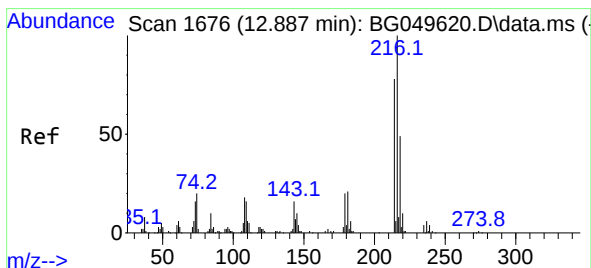
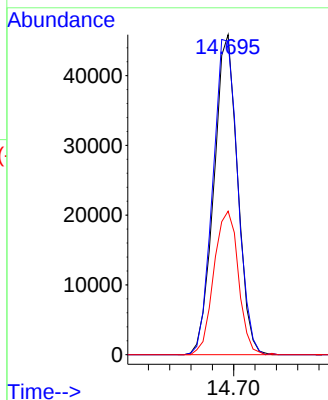
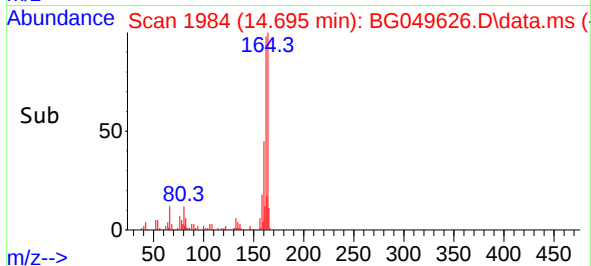
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



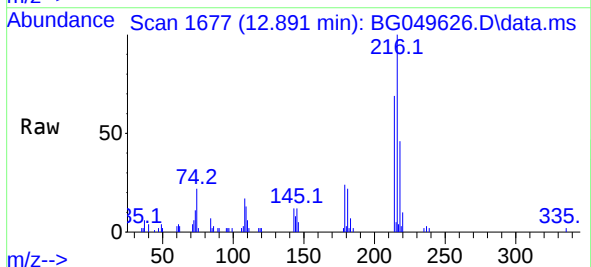
Tgt Ion:164 Resp: 70622
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 44.9 34.9 52.3

Manual Integrations
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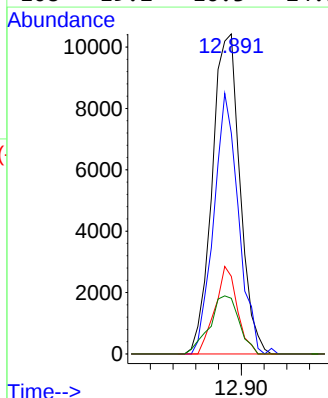
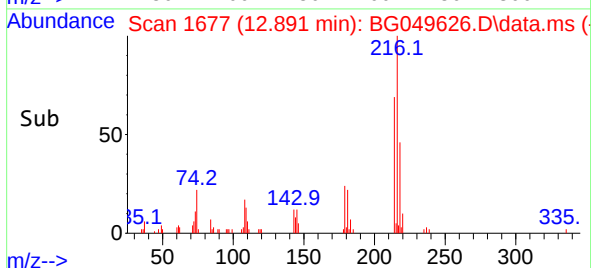
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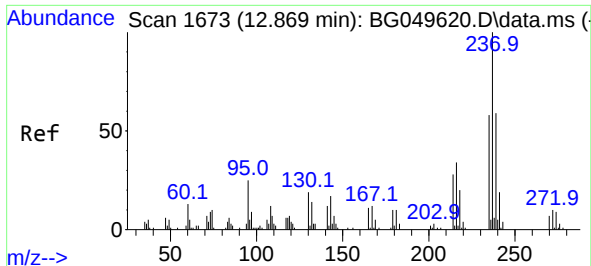


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.502 ng
RT: 12.891 min Scan# 1677
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

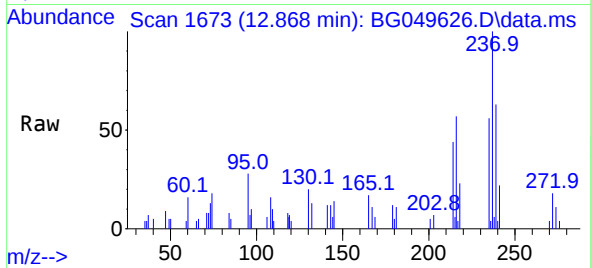


Tgt Ion:216 Resp: 17692
Ion Ratio Lower Upper
216 100
214 72.5 61.4 92.2
179 21.9 17.3 25.9
108 19.2 16.3 24.5

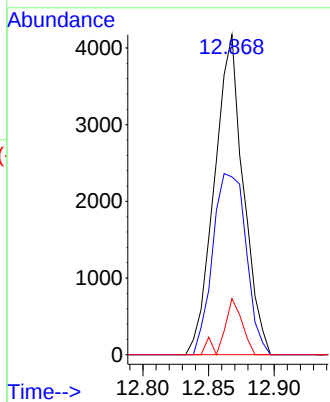
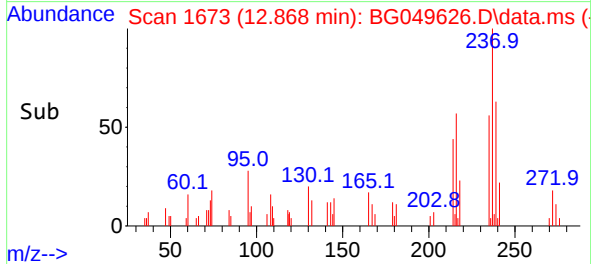




#41
Hexachlorocyclopentadiene
Concen: 7.434 ng
RT: 12.868 min Scan# 1673
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



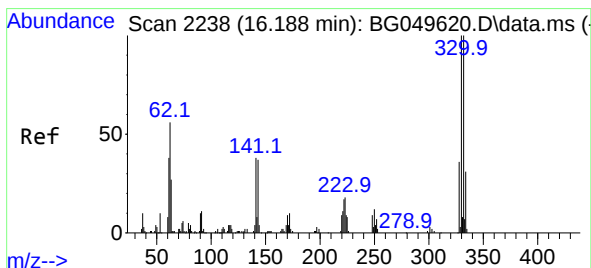
Tgt Ion:237 Resp: 6388
Ion Ratio Lower Upper
237 100
235 55.6 36.6 76.6
272 17.5 0.0 32.5



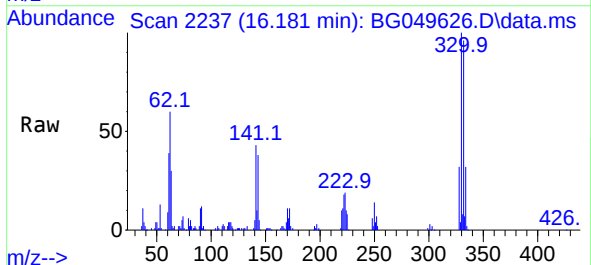
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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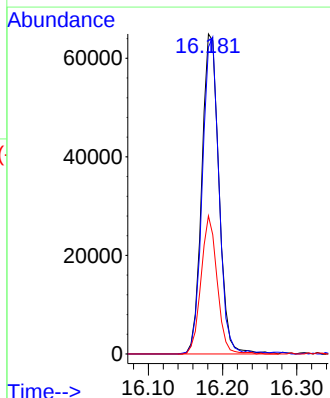
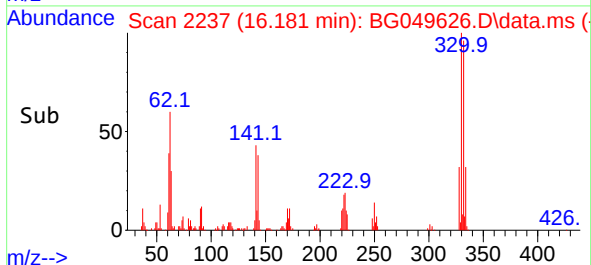
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8/4/2021 3:44:40 PM

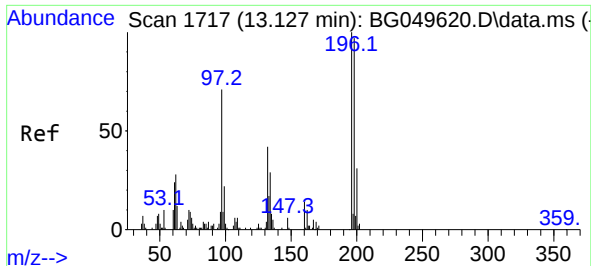


#42
2,4,6-Tribromophenol
Concen: 100.286 ng
RT: 16.181 min Scan# 2237
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



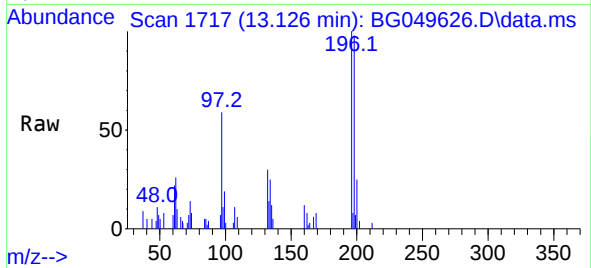
Tgt Ion:330 Resp: 104102
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 40.6 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 7.071 ng
RT: 13.126 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

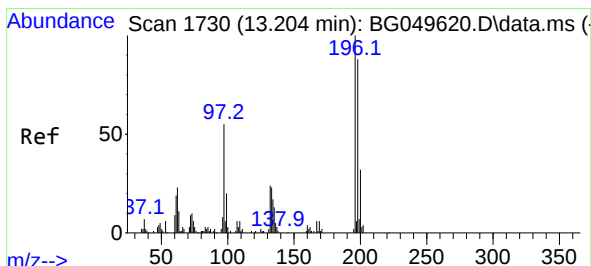
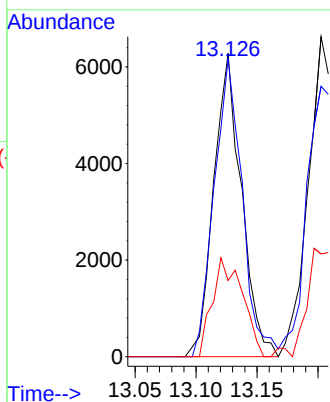
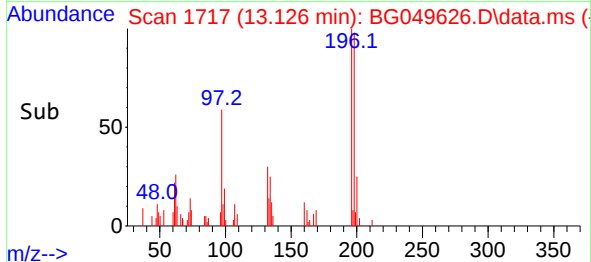
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



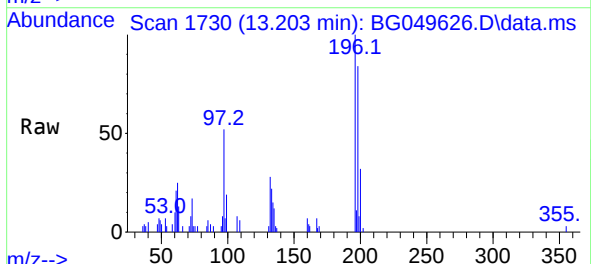
Tgt Ion:196 Resp: 9920
Ion Ratio Lower Upper
196 100
198 98.2 82.1 123.1
200 25.1 23.8 35.8

Manual Integrations
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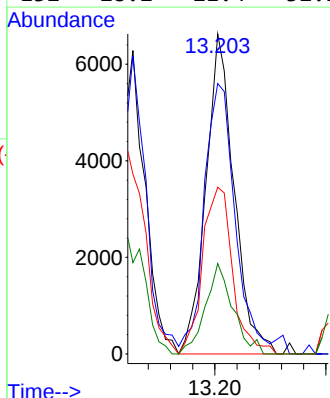
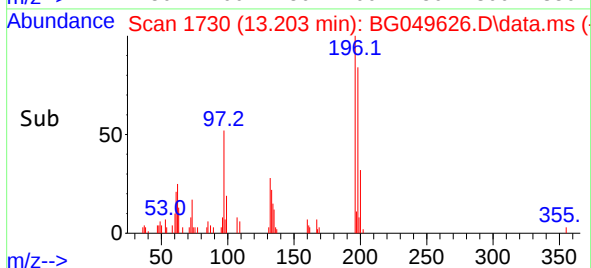
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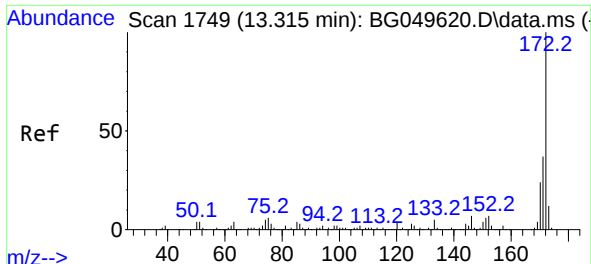


#44
2,4,5-Trichlorophenol
Concen: 7.689 ng m
RT: 13.203 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



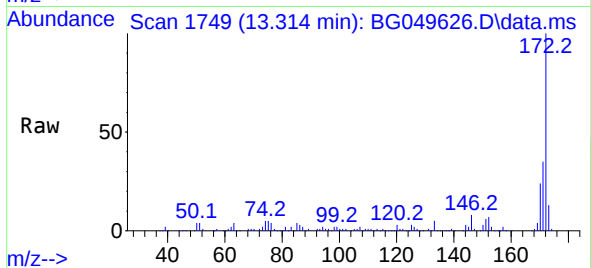
Tgt Ion:196 Resp: 11702
Ion Ratio Lower Upper
196 100
198 84.5 87.4 131.0#
97 52.1 43.3 64.9
132 28.2 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 64.499 ng
RT: 13.314 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

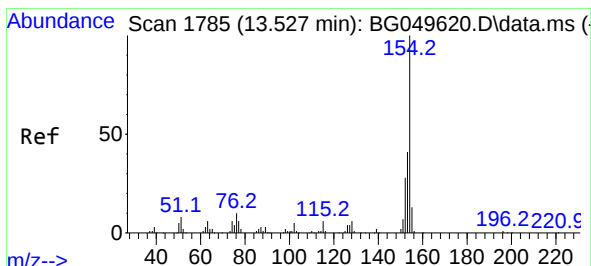
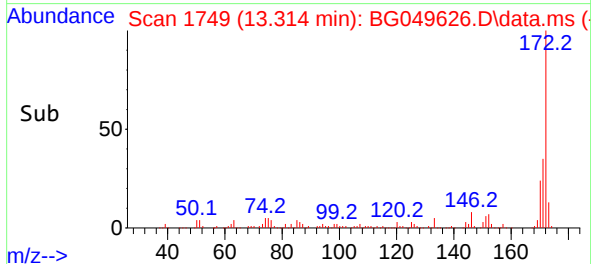
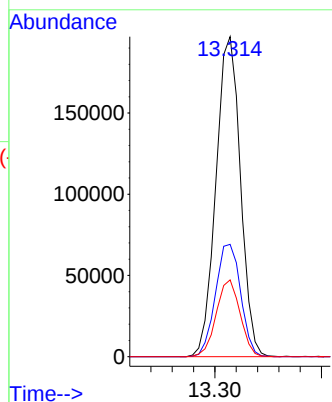
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



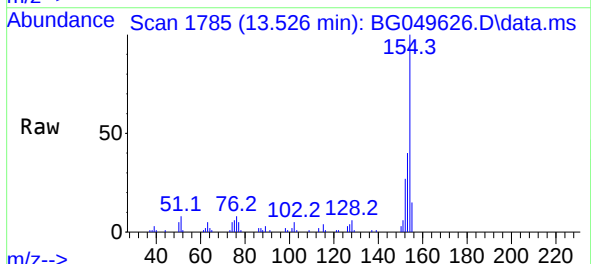
Tgt Ion:172 Resp: 313043
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.0 18.6 27.8

Manual Integrations
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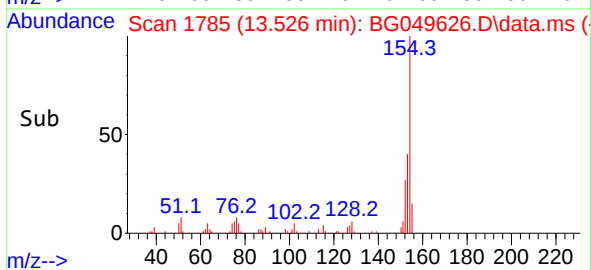
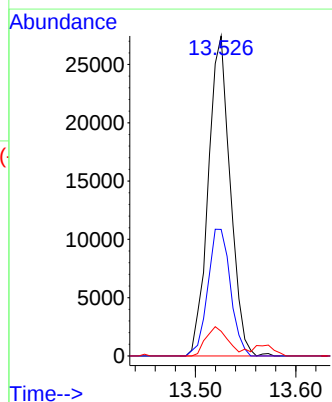
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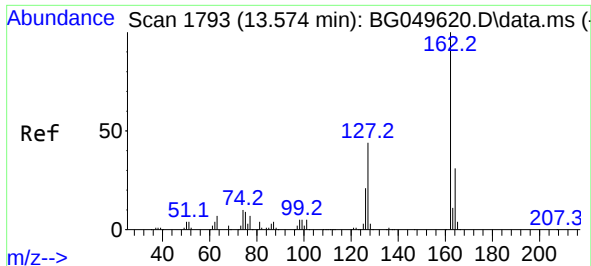


#46
1,1'-Biphenyl
Concen: 8.298 ng
RT: 13.526 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



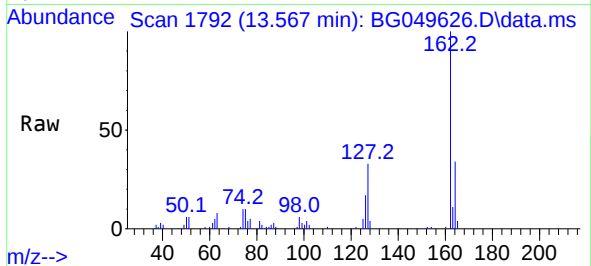
Tgt Ion:154 Resp: 41740
Ion Ratio Lower Upper
154 100
153 39.6 20.5 60.5
76 7.7 0.0 29.3





#47
2-Chloronaphthalene
Concen: 7.687 ng
RT: 13.567 min Scan# 1792
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

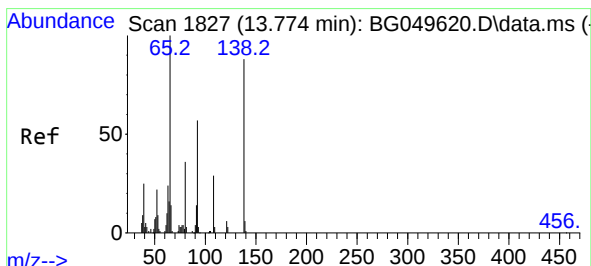
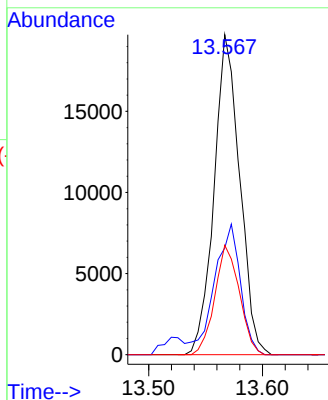
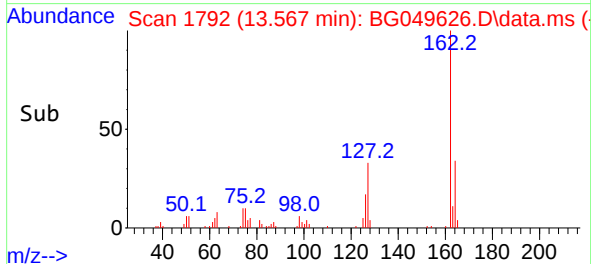
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



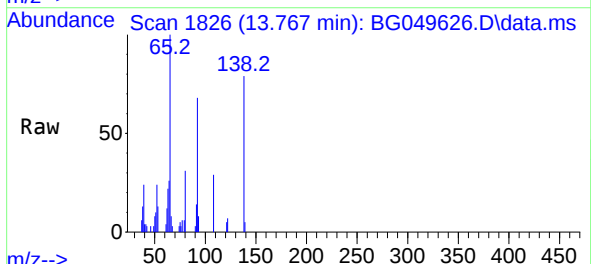
Tgt Ion:162 Resp: 30881
Ion Ratio Lower Upper
162 100
127 33.4 32.7 49.1
164 34.2 27.0 40.4

Manual Integrations
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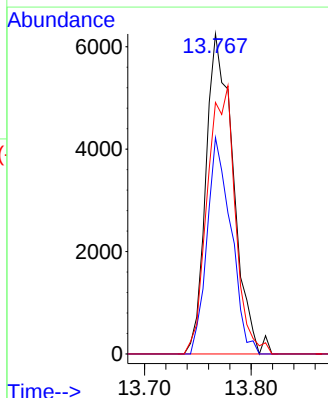
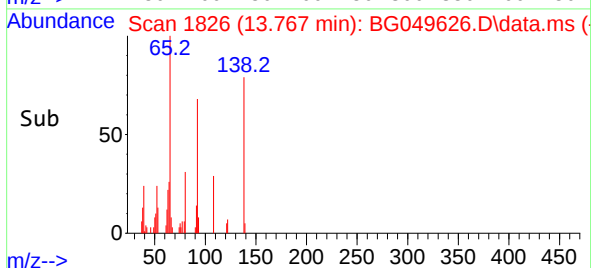
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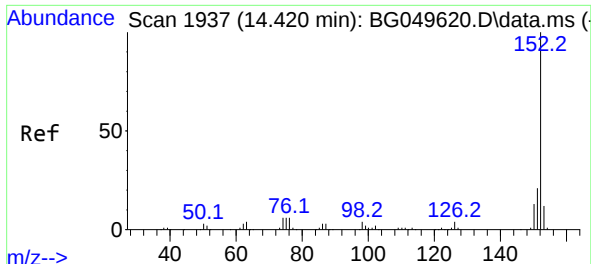


#48
2-Nitroaniline
Concen: 7.526 ng
RT: 13.767 min Scan# 1826
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



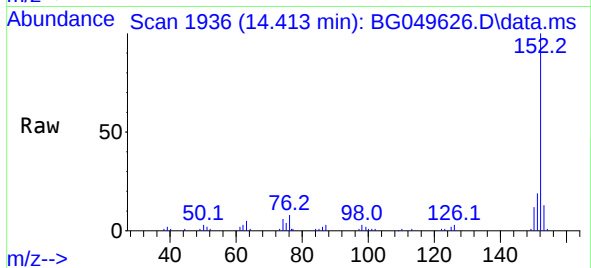
Tgt Ion: 65 Resp: 11102
Ion Ratio Lower Upper
65 100
92 67.6 47.2 70.8
138 78.6 68.0 102.0





#49
Acenaphthylene
Concen: 8.308 ng
RT: 14.413 min Scan# 1936
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

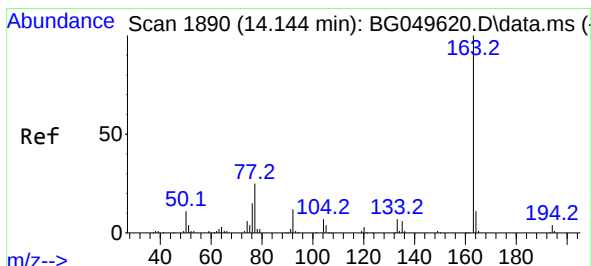
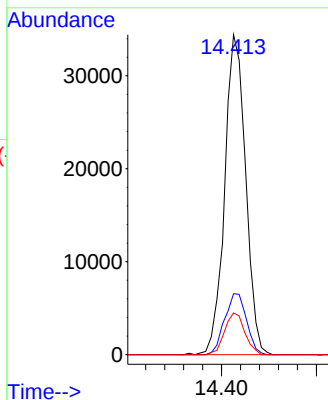
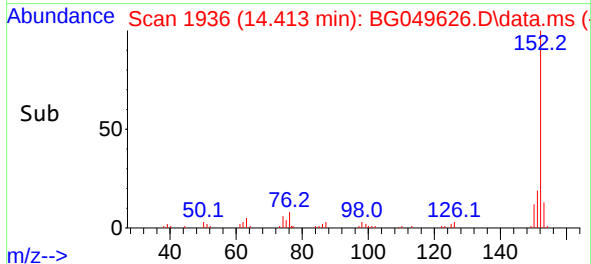
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



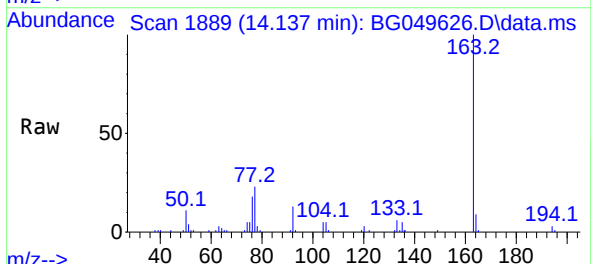
Tgt Ion:152 Resp: 52901
Ion Ratio Lower Upper
152 100
151 19.0 18.2 27.4
153 13.1 11.7 17.5

Manual Integrations
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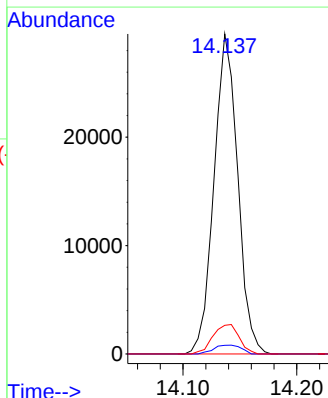
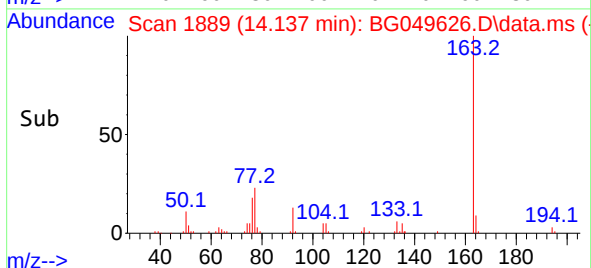
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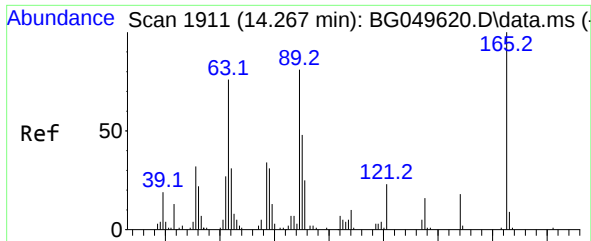


#50
Dimethylphthalate
Concen: 8.023 ng
RT: 14.137 min Scan# 1889
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

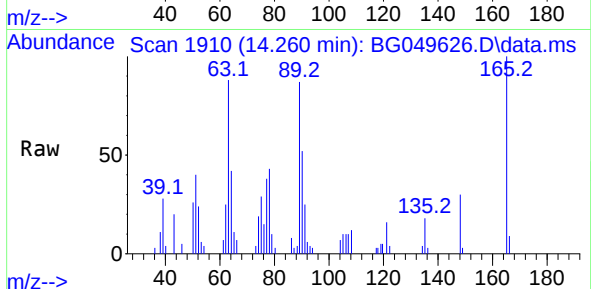


Tgt Ion:163 Resp: 42749
Ion Ratio Lower Upper
163 100
194 2.7 3.0 4.6#
164 9.0 8.6 12.8

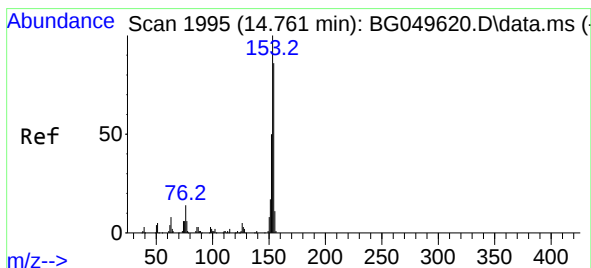
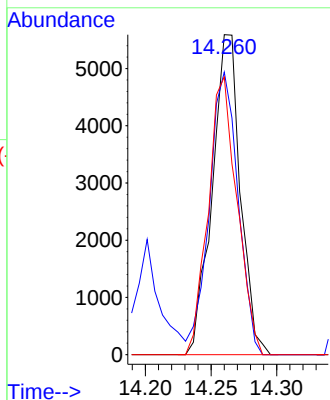
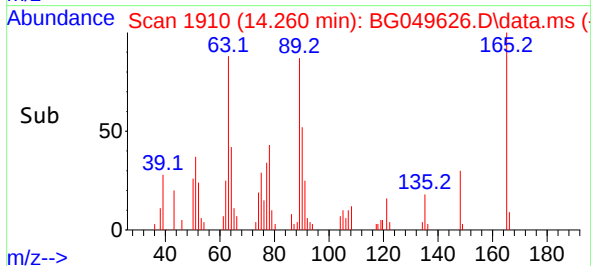




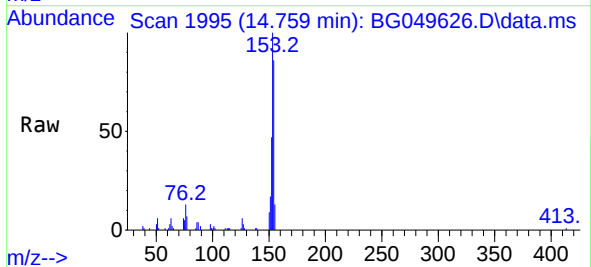
#51
2,6-Dinitrotoluene
Concen: 7.135 ng
RT: 14.260 min Scan# 1910
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



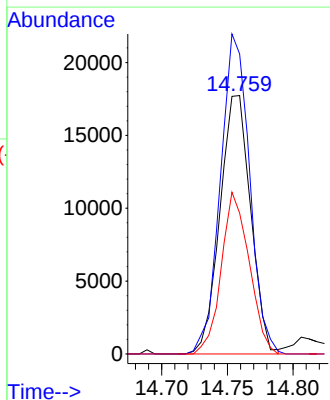
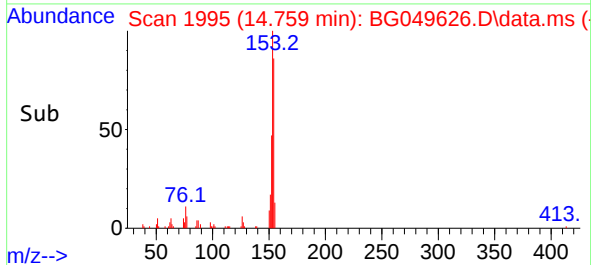
Tgt Ion:165 Resp: 8370
Ion Ratio Lower Upper
165 100
63 88.3 63.3 94.9
89 86.8 63.4 95.0



#52
Acenaphthene
Concen: 7.521 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



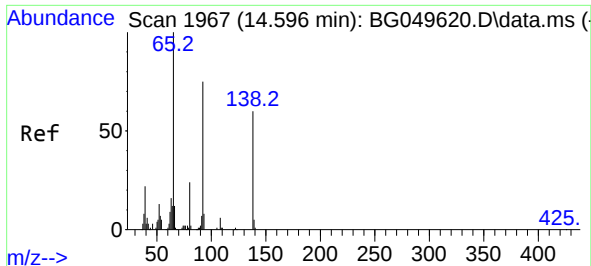
Tgt Ion:154 Resp: 28847
Ion Ratio Lower Upper
154 100
153 116.2 87.0 130.4
152 54.5 40.1 60.1



Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

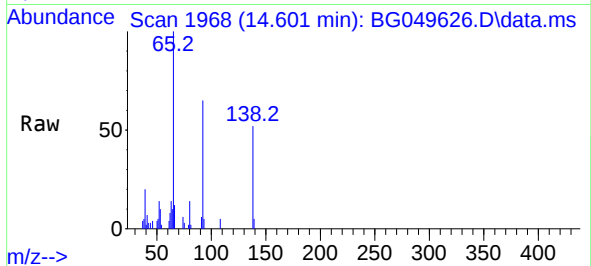
Manual Integrations
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#53
3-Nitroaniline
Concen: 7.636 ng
RT: 14.601 min Scan# 1968
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

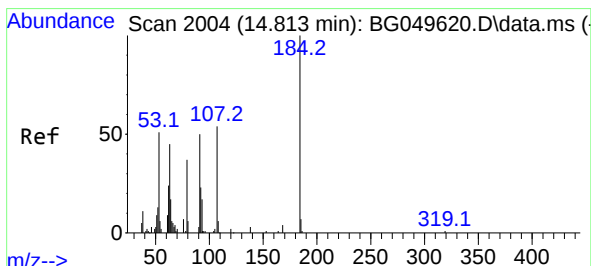
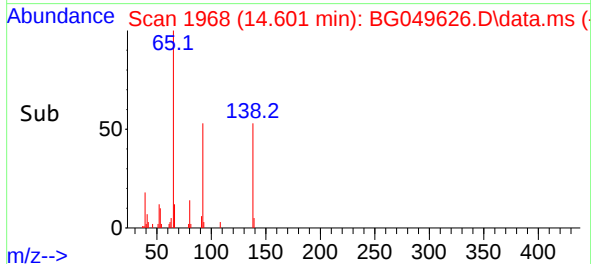
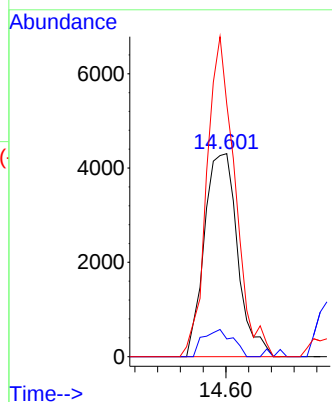
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:138 Resp: 8736
Ion Ratio Lower Upper
138 100
108 8.8 8.3 12.5
92 124.5 96.4 144.6

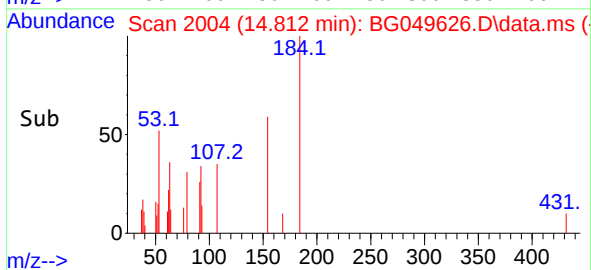
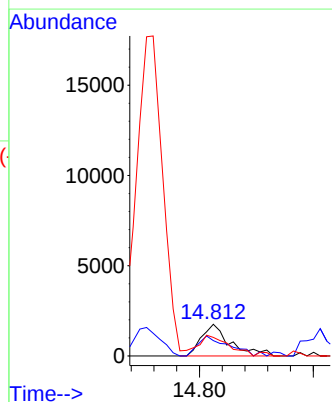
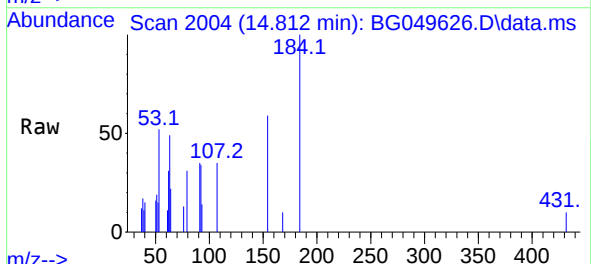
Manual Integrations
APPROVED

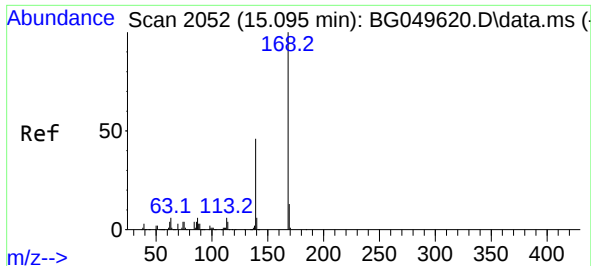
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#54
2,4-Dinitrophenol
Concen: 4.612 ng
RT: 14.812 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:184 Resp: 3072
Ion Ratio Lower Upper
184 100
63 48.6 68.3 102.5#
154 58.6 62.6 93.8#





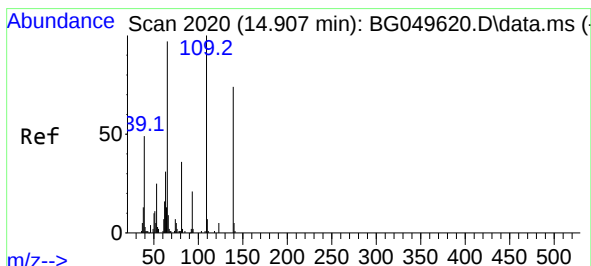
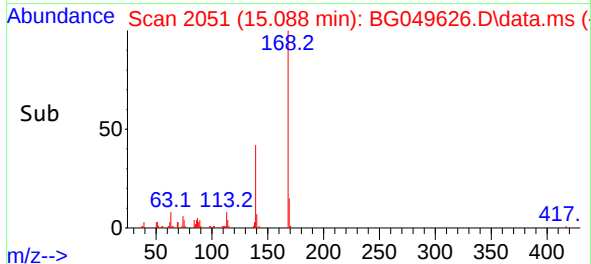
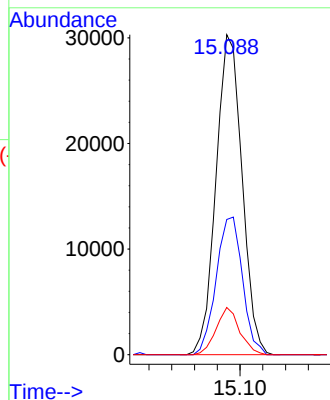
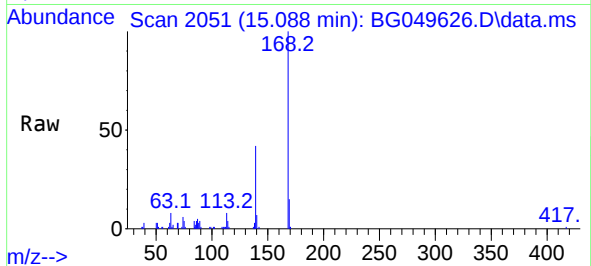
#55
Dibenzenofuran
Concen: 7.738 ng
RT: 15.088 min Scan# 2051
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:	168	Resp:	48152
Ion Ratio	Lower	Upper	
168	100		
139	42.3	33.4	50.2
169	14.7	12.3	18.5

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

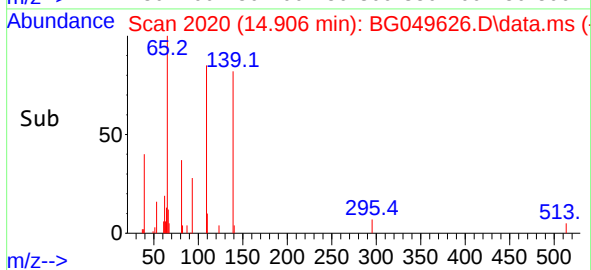
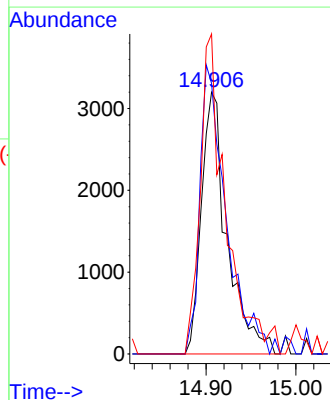
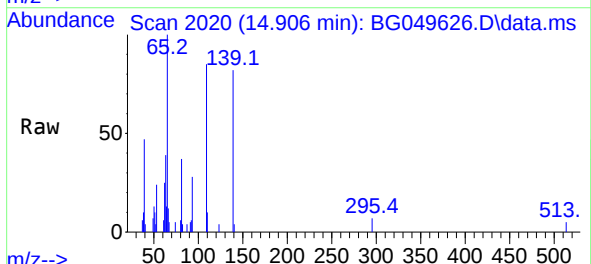
Manual Integrations
APPROVED

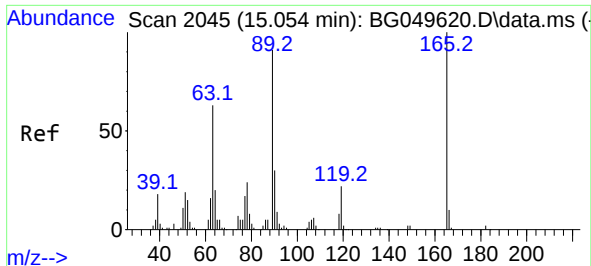
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#56
4-Nitrophenol
Concen: 7.594 ng
RT: 14.906 min Scan# 2020
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

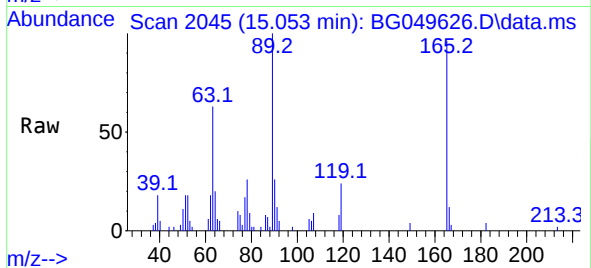
Tgt Ion:	139	Resp:	6347
Ion Ratio	Lower	Upper	
139	100		
109	103.3	116.3	156.3#
65	122.2	105.0	145.0





#57
2,4-Dinitrotoluene
Concen: 7.752 ng
RT: 15.053 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

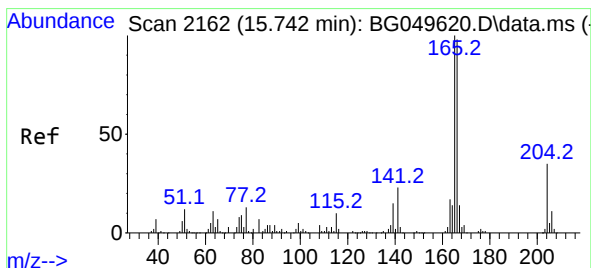
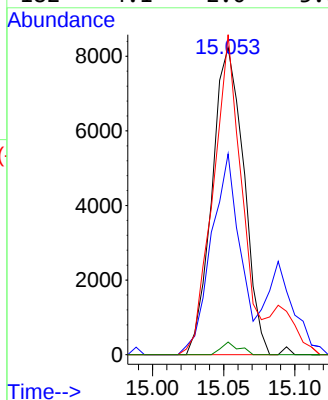
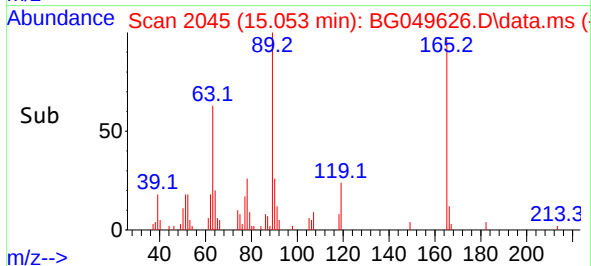
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



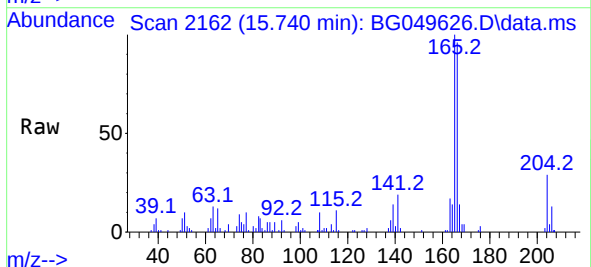
Tgt Ion:165 Resp: 12773
Ion Ratio Lower Upper
165 100
63 65.4 48.0 72.0
89 104.2 65.4 98.0#
182 4.1 2.0 3.0#

Manual Integrations
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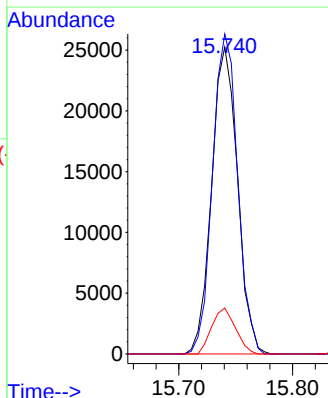
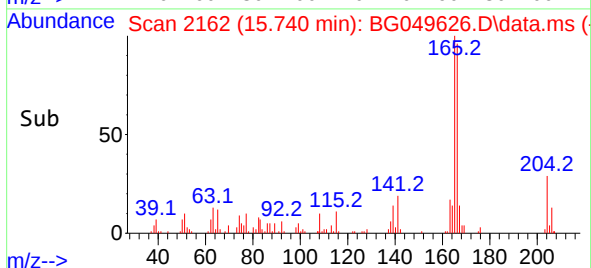
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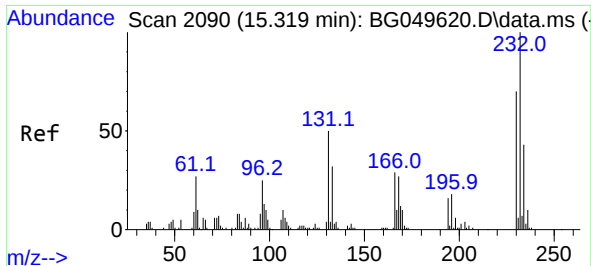


#58
Fluorene
Concen: 7.883 ng
RT: 15.740 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



Tgt Ion:166 Resp: 39869
Ion Ratio Lower Upper
166 100
165 104.3 77.7 116.5
167 15.0 10.8 16.2





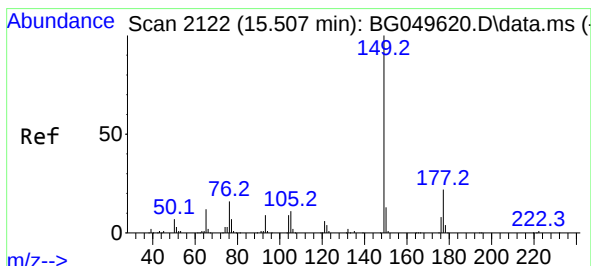
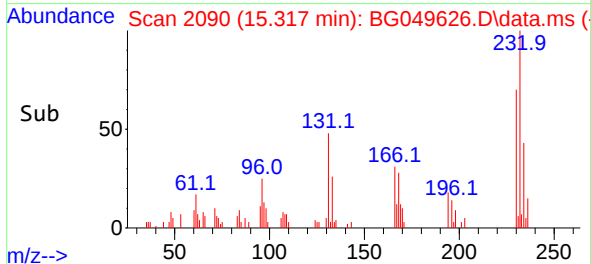
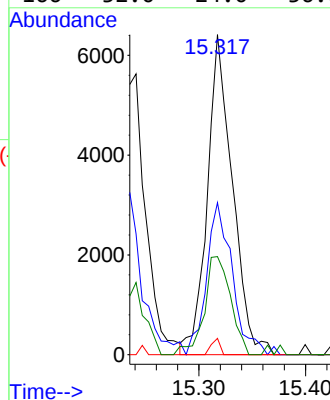
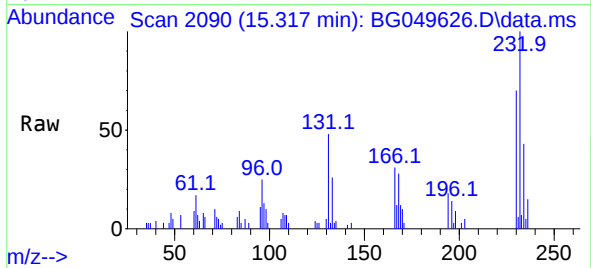
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.447 ng
RT: 15.317 min Scan# 2090
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:	232	Resp:	10527
Ion Ratio	Lower	Upper	
232	100		
131	48.8	37.2	55.8
130	1.8	2.8	4.2#
166	32.0	24.0	36.0

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

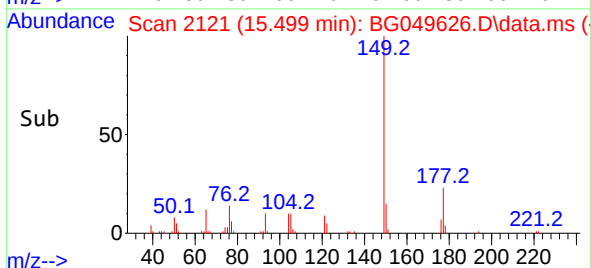
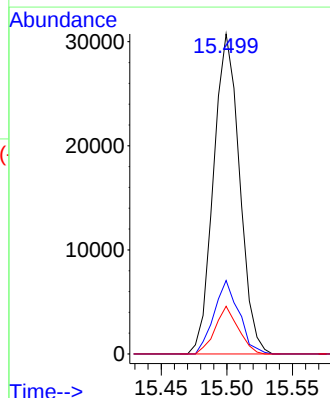
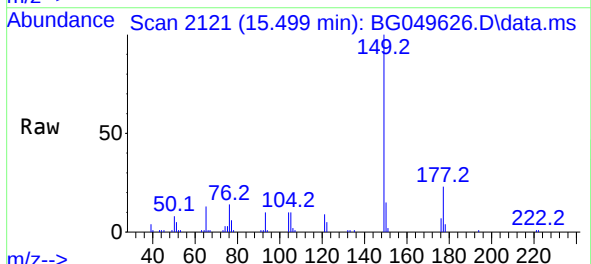
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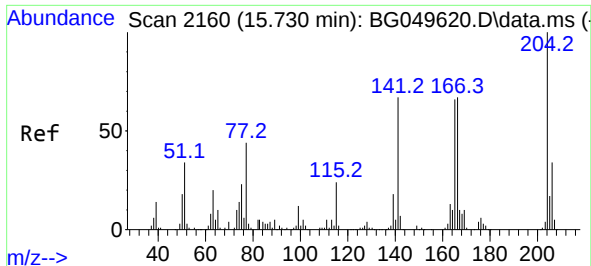
mohammad
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#60
Diethylphthalate
Concen: 7.909 ng
RT: 15.499 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

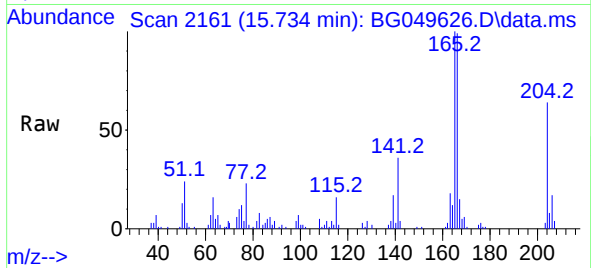
Tgt Ion:	149	Resp:	42386
Ion Ratio	Lower	Upper	
149	100		
177	23.0	19.0	28.6
150	14.9	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 7.952 ng
RT: 15.734 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

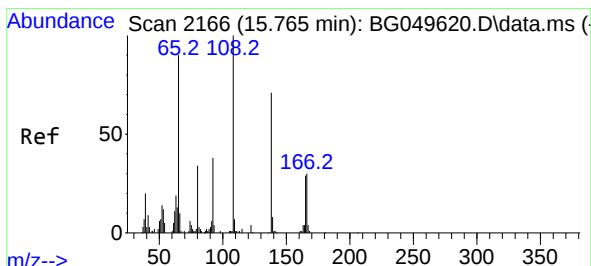
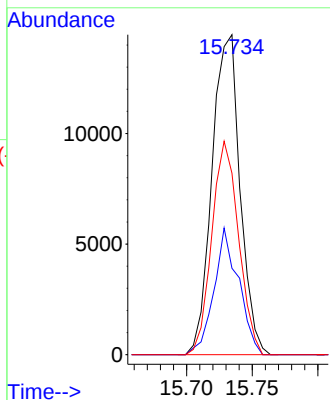
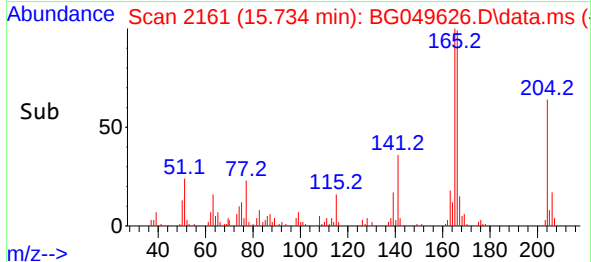
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



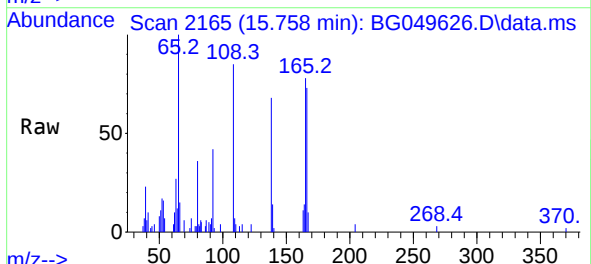
Tgt Ion:204 Resp: 21467
Ion Ratio Lower Upper
204 100
206 27.0 24.6 37.0
141 56.7 47.8 71.8

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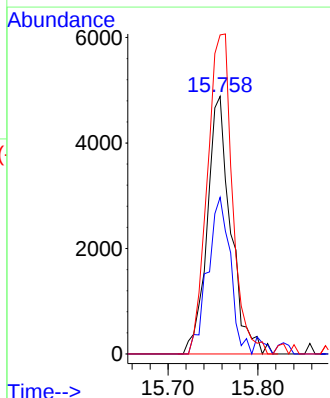
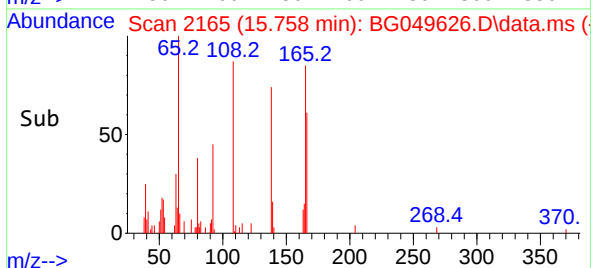
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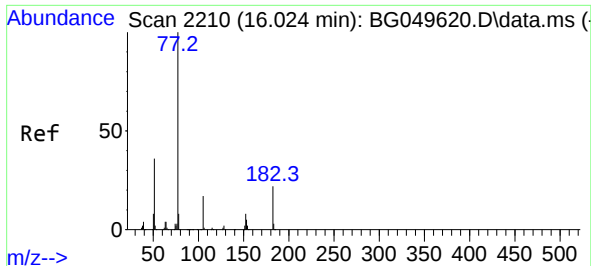


#62
4-Nitroaniline
Concen: 7.568 ng
RT: 15.758 min Scan# 2165
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

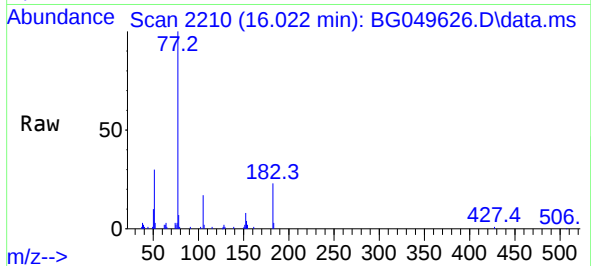


Tgt Ion:138 Resp: 8906
Ion Ratio Lower Upper
138 100
92 60.8 32.3 72.3
108 123.9 132.4 172.4#

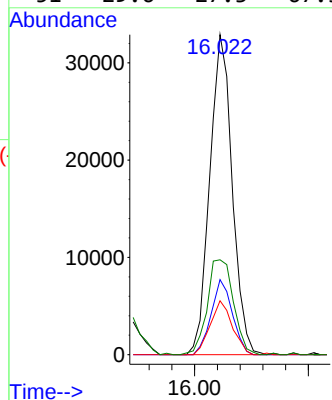




#63
Azobenzene
Concen: 7.954 ng
RT: 16.022 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



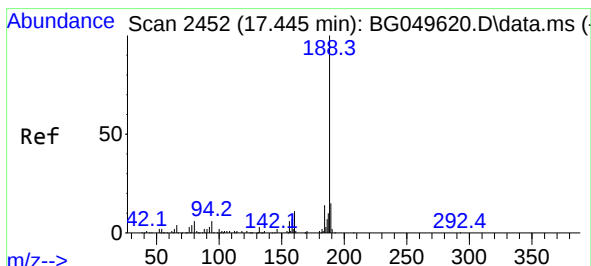
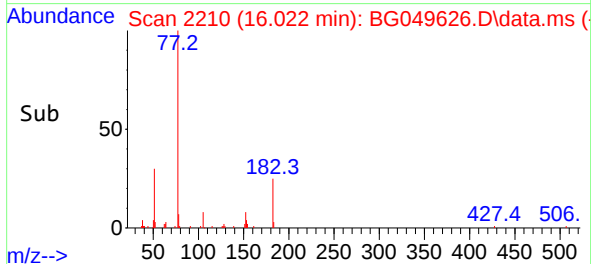
Tgt Ion:	77	Resp:	45113
Ion	Ratio	Lower	Upper
77	100		
182	23.4	7.9	47.9
105	16.8	0.0	37.9
51	29.6	27.3	67.3



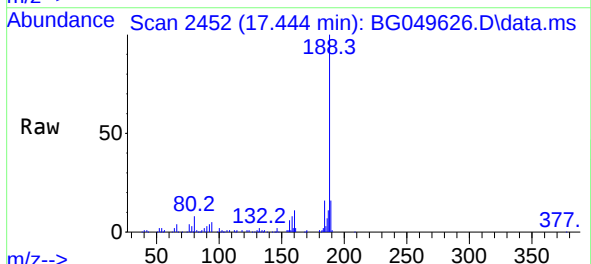
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

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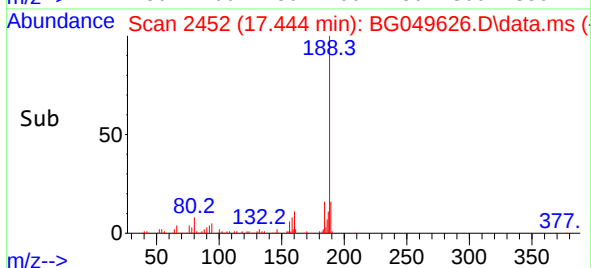
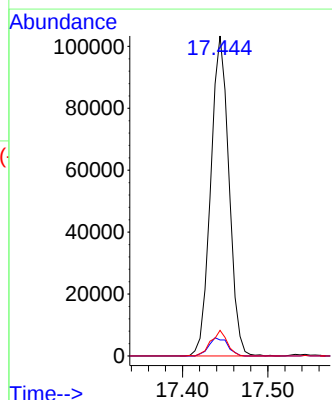
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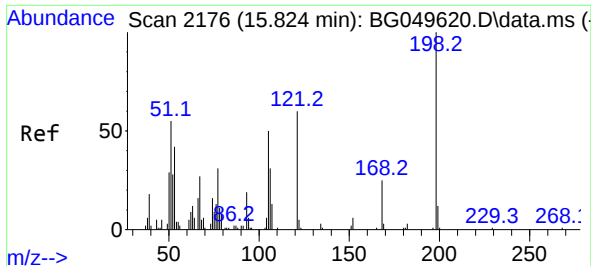


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



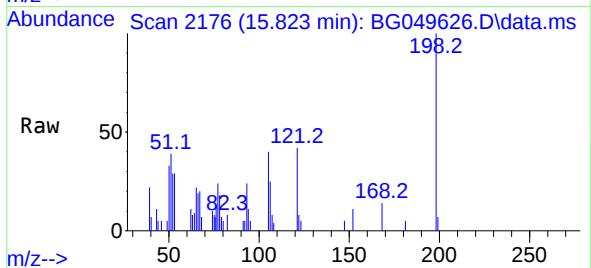
Tgt Ion:	188	Resp:	153409
Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.4	8.0#
80	8.0	3.7	5.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 6.514 ng
RT: 15.823 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

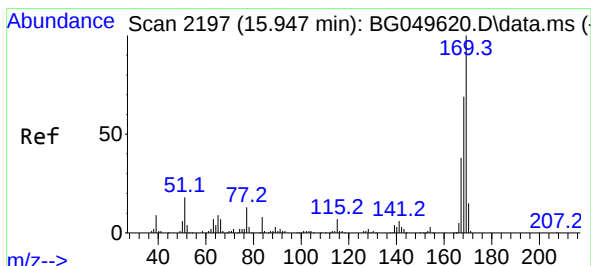
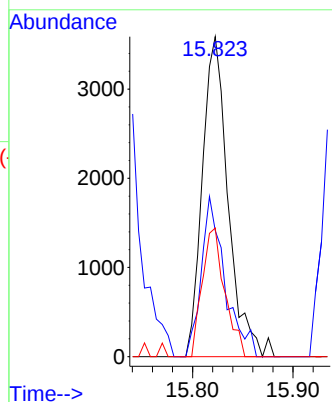
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



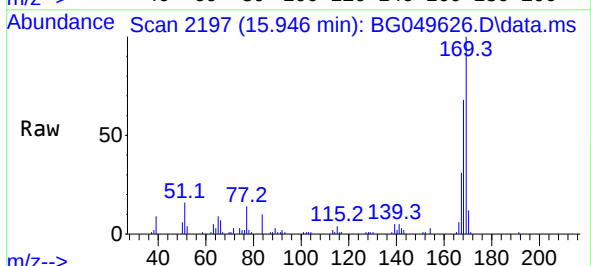
Tgt Ion:198 Resp: 6423
Ion Ratio Lower Upper
198 100
51 39.4 29.4 69.4
105 40.2 15.1 55.1

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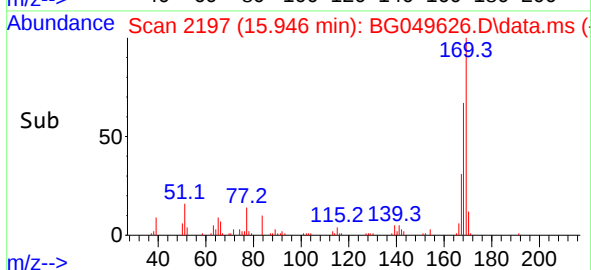
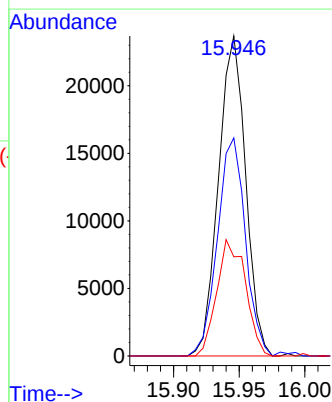
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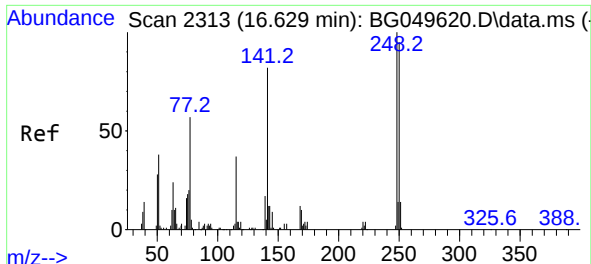


#66
n-Nitrosodiphenylamine
Concen: 7.844 ng
RT: 15.946 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



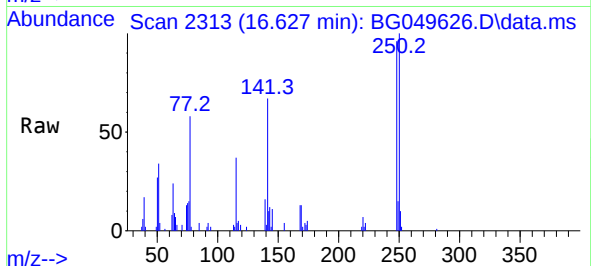
Tgt Ion:169 Resp: 33999
Ion Ratio Lower Upper
169 100
168 68.2 56.3 84.5
167 31.0 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 7.822 ng
RT: 16.627 min Scan# 2313
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

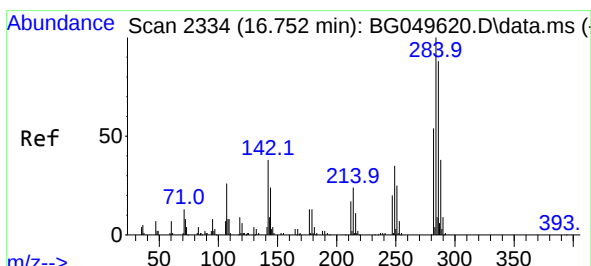
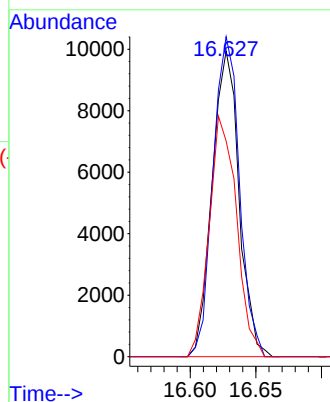
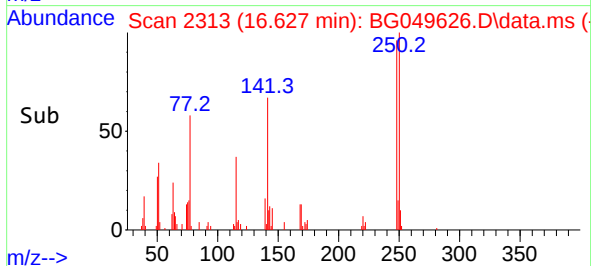
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



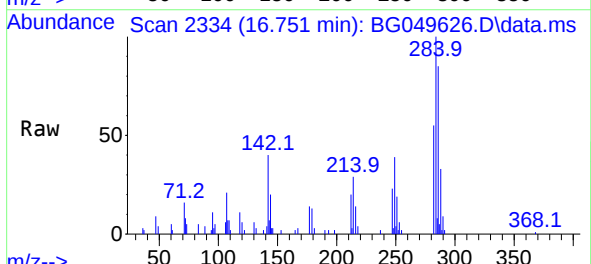
Tgt Ion:248 Resp: 14132
Ion Ratio Lower Upper
248 100
250 104.7 76.1 114.1
141 70.6 65.4 98.2

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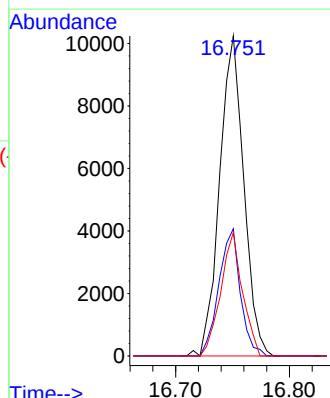
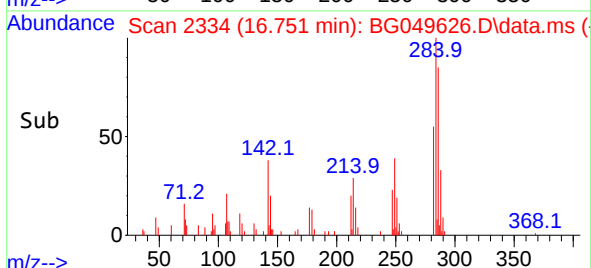
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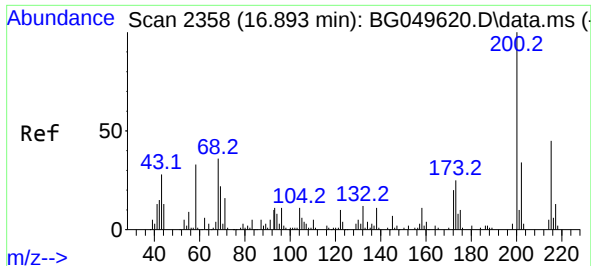


#68
Hexachlorobenzene
Concen: 7.522 ng
RT: 16.751 min Scan# 2334
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



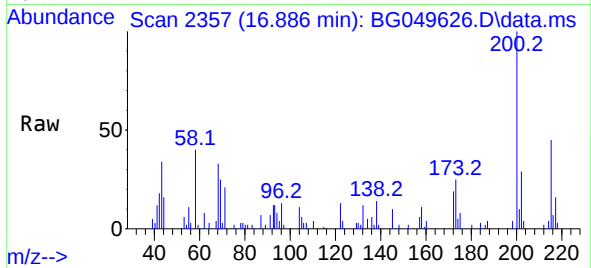
Tgt Ion:284 Resp: 15098
Ion Ratio Lower Upper
284 100
142 39.7 27.0 40.6
249 38.6 28.2 42.2





#69
Atrazine
Concen: 8.402 ng
RT: 16.886 min Scan# 2357
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

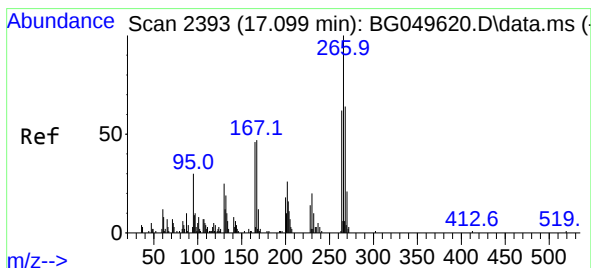
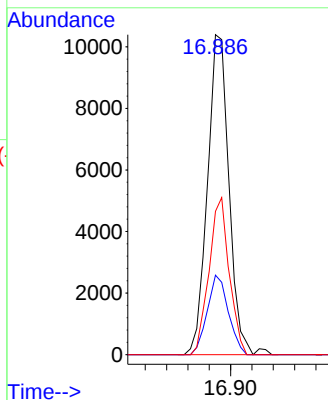
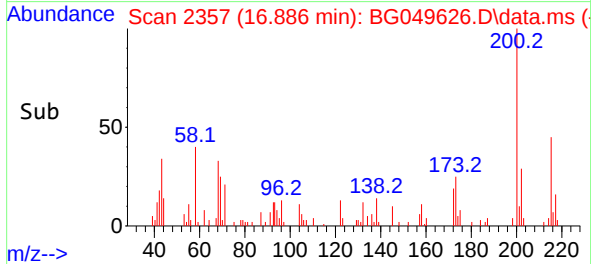
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



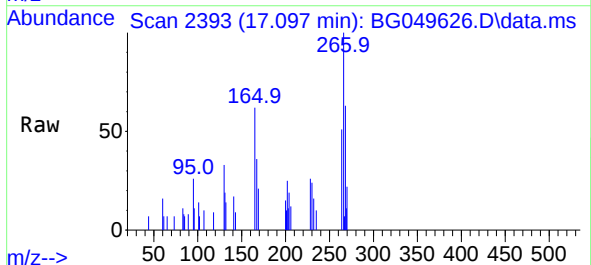
Tgt Ion:200 Resp: 14569
Ion Ratio Lower Upper
200 100
173 24.8 3.7 43.7
215 44.8 26.9 66.9

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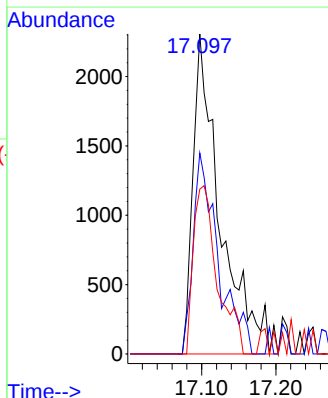
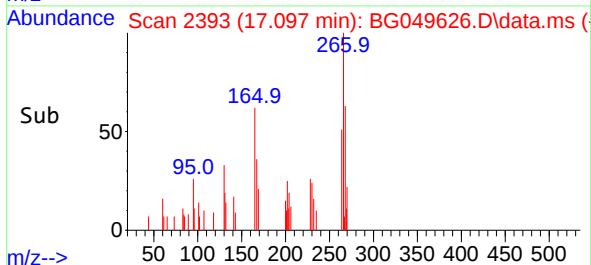
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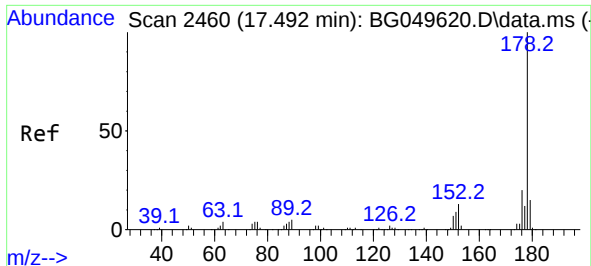


#70
Pentachlorophenol
Concen: 5.486 ng
RT: 17.097 min Scan# 2393
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



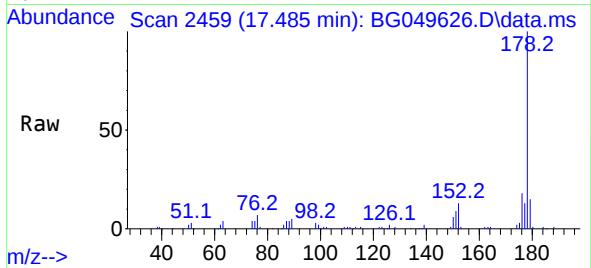
Tgt Ion:266 Resp: 5905
Ion Ratio Lower Upper
266 100
268 62.8 49.0 73.4
264 51.5 49.0 73.6





#71
Phenanthrene
Concen: 7.789 ng
RT: 17.485 min Scan# 2459
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

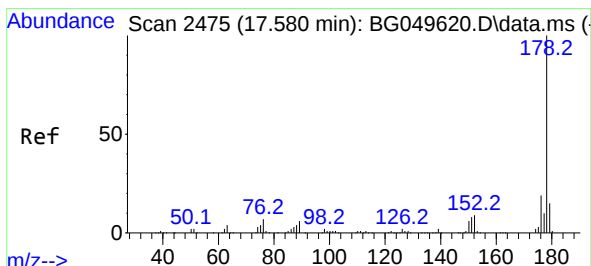
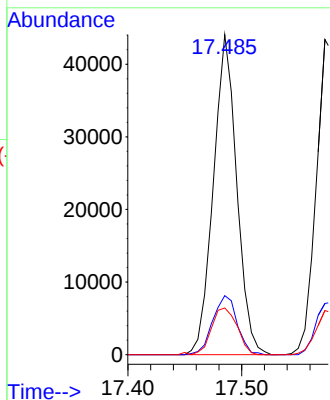
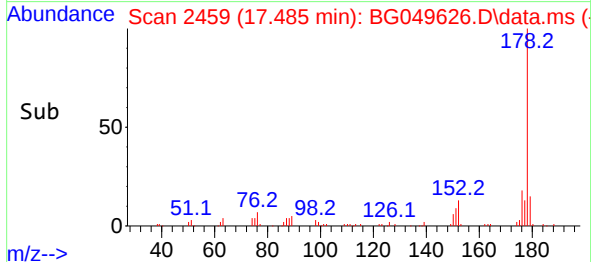
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



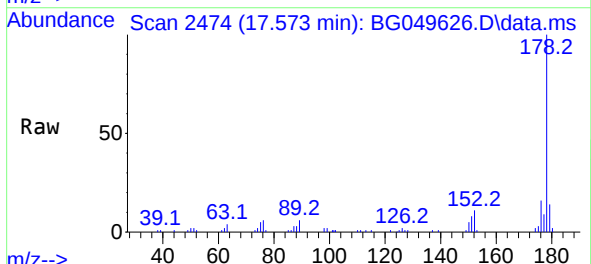
Tgt Ion:178 Resp: 62869
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 14.6 14.2 21.4

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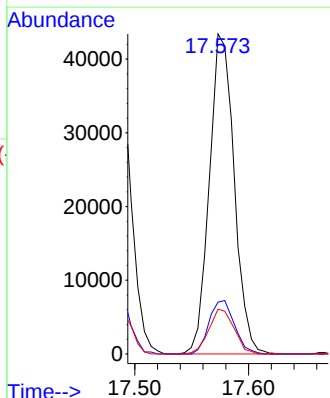
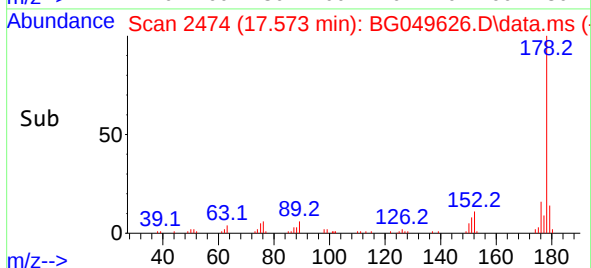
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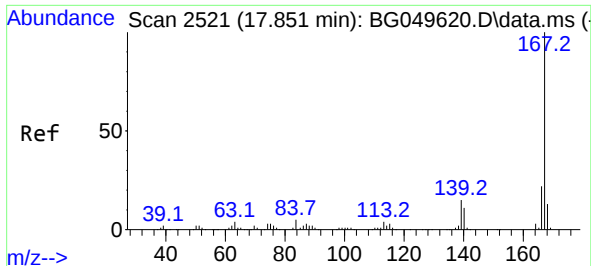


#72
Anthracene
Concen: 8.300 ng
RT: 17.573 min Scan# 2474
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



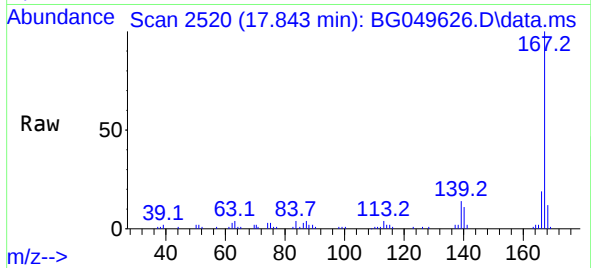
Tgt Ion:178 Resp: 65788
Ion Ratio Lower Upper
178 100
176 16.2 14.6 21.8
179 14.0 13.4 20.0





#73
Carbazole
Concen: 7.493 ng
RT: 17.843 min Scan# 2520
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

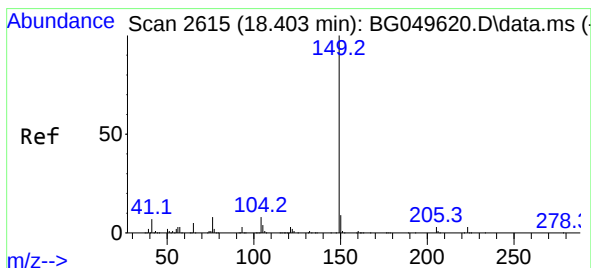
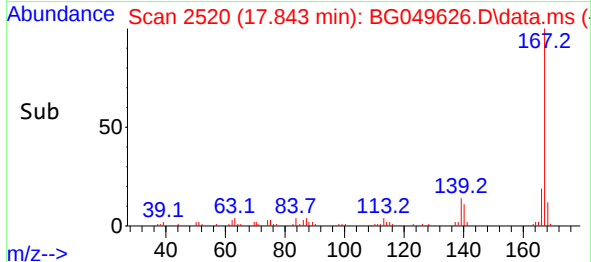
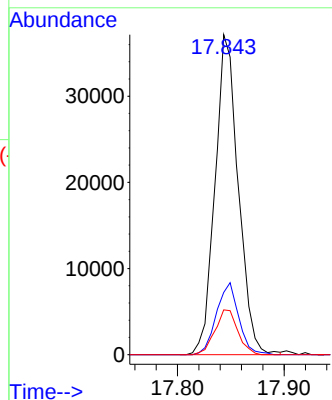
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



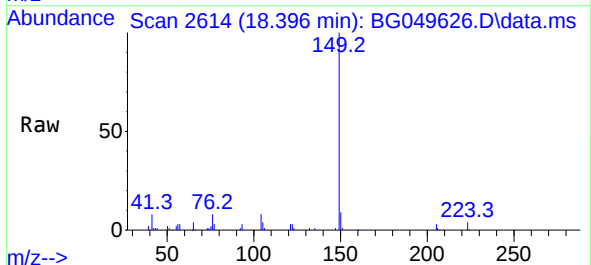
Tgt Ion:167 Resp: 56253
Ion Ratio Lower Upper
167 100
166 19.5 17.4 26.2
139 14.0 10.7 16.1

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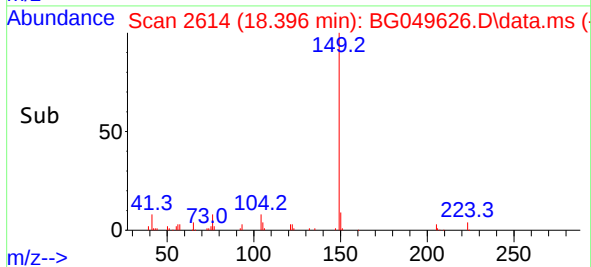
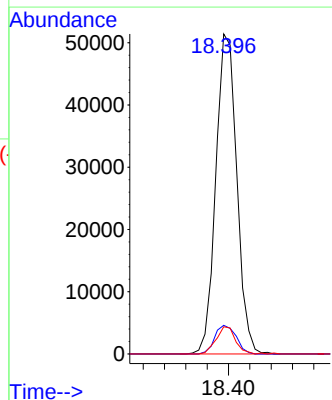
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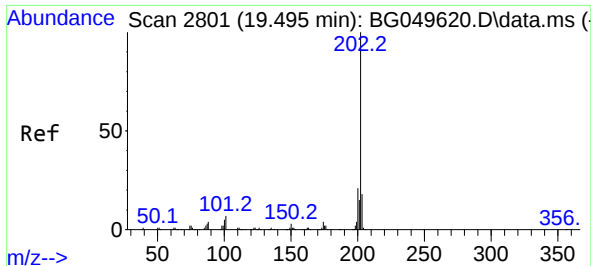


#74
Di-n-butylphthalate
Concen: 8.009 ng
RT: 18.396 min Scan# 2614
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



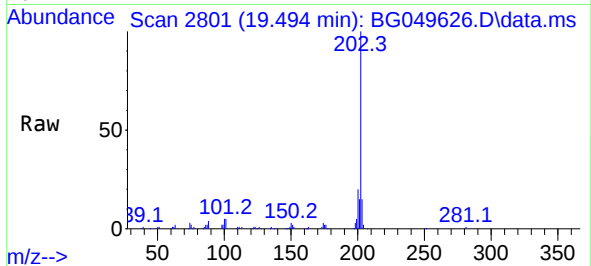
Tgt Ion:149 Resp: 70091
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 8.5 6.6 10.0





#75
Fluoranthene
Concen: 7.986 ng
RT: 19.494 min Scan# 2801
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

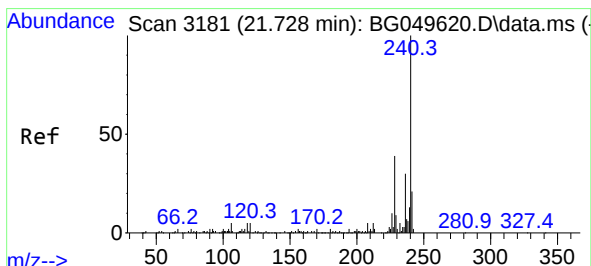
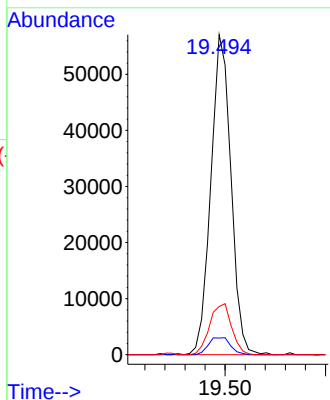
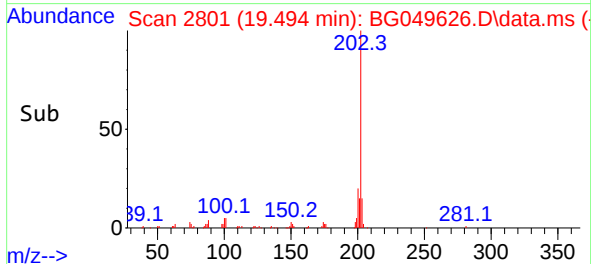
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



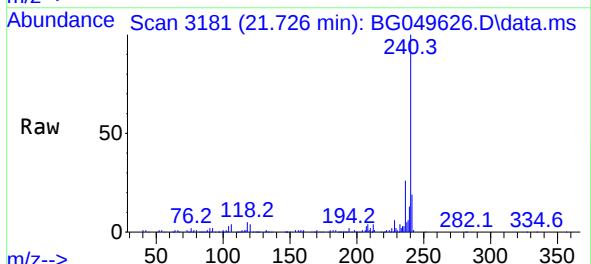
Tgt Ion:	202	Resp:	79319
Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	24.7
203	15.1	0.0	38.5

Manual Integrations
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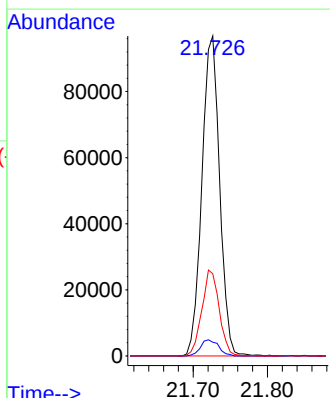
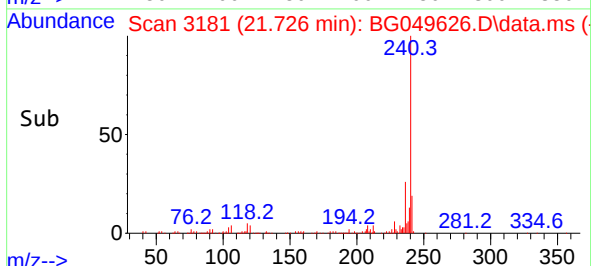
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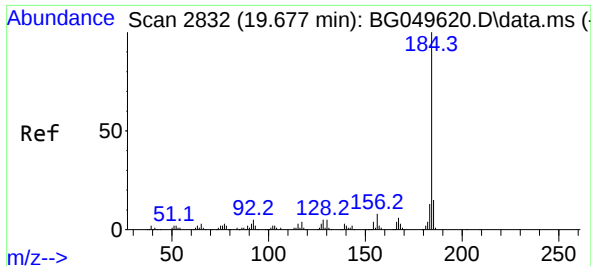


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



Tgt Ion:	240	Resp:	160363
Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.2	6.2
236	25.7	21.8	32.6





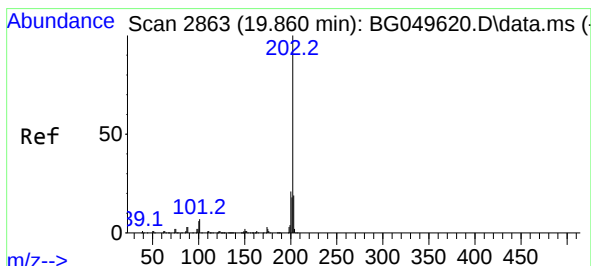
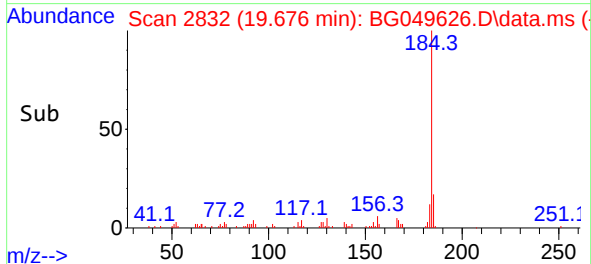
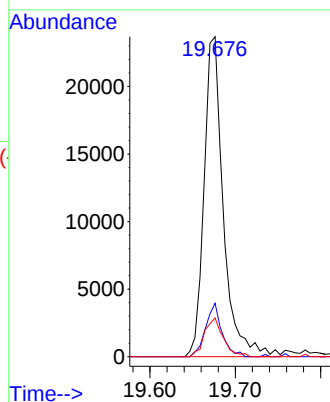
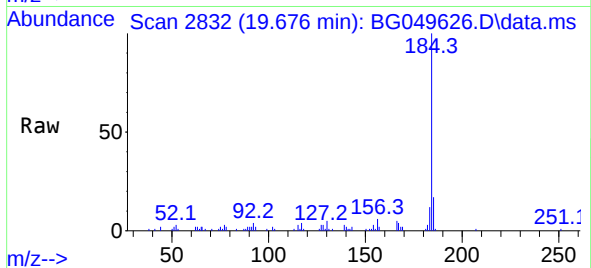
#77
Benzidine
Concen: 9.072 ng
RT: 19.676 min Scan# 2832
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:184 Resp: 37277
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 12.1 9.4 14.0

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

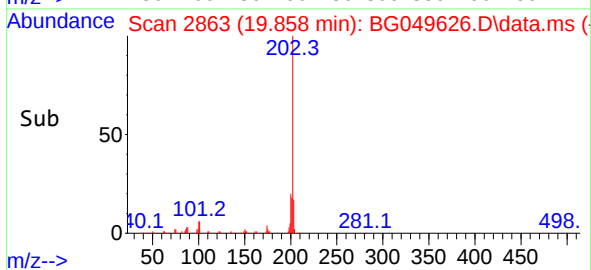
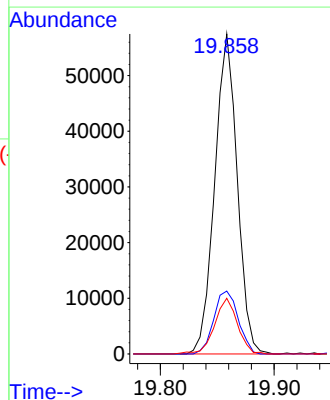
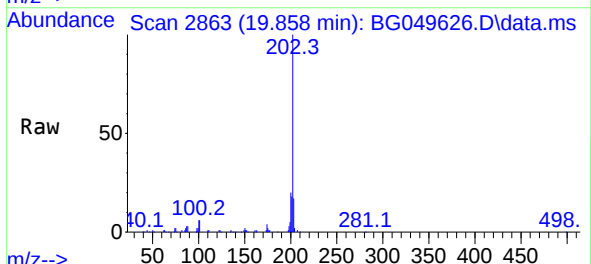
Manual Integrations
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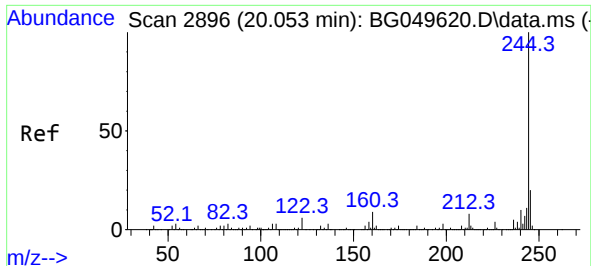
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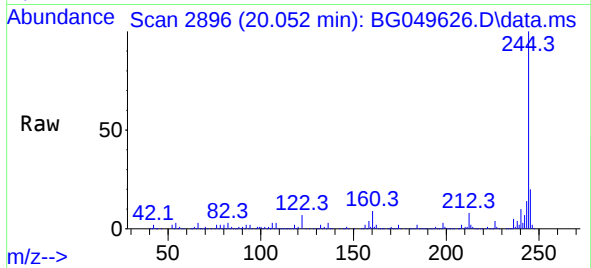
#78
Pyrene
Concen: 7.221 ng
RT: 19.858 min Scan# 2863
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:202 Resp: 78945
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 17.4 14.6 21.8

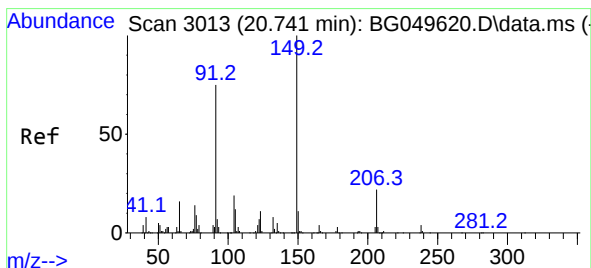
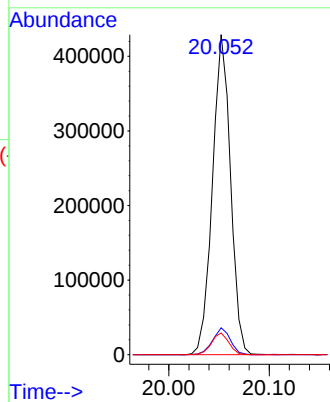
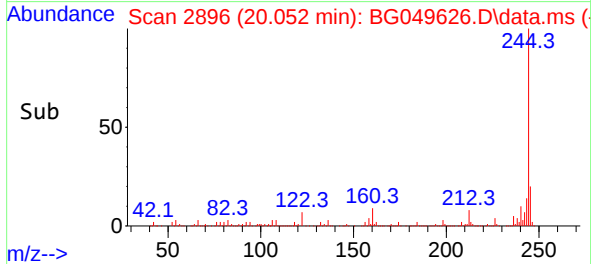




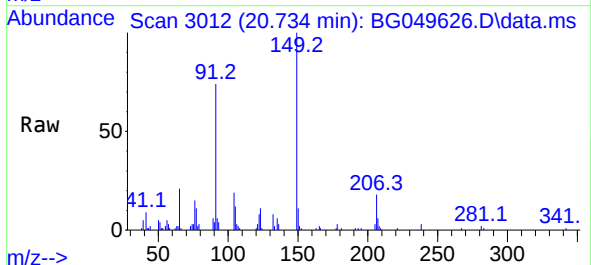
#79
Terphenyl-d14
Concen: 60.877 ng
RT: 20.052 min Scan# 2896
Delta R.T. -0.001 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



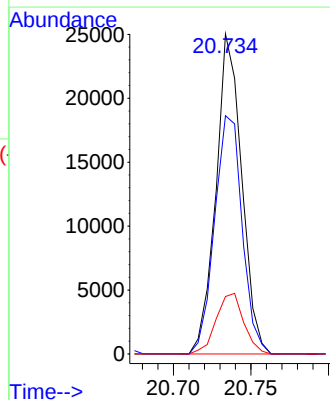
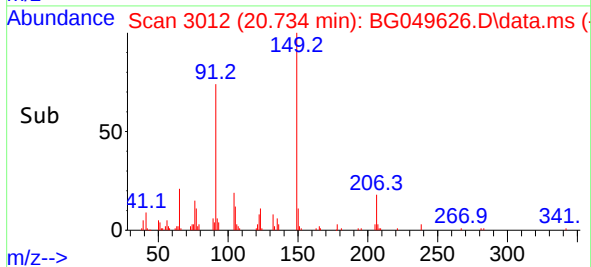
Tgt Ion:244 Resp: 537521
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.8 5.0 7.6



#80
Butylbenzylphthalate
Concen: 6.947 ng
RT: 20.734 min Scan# 3012
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



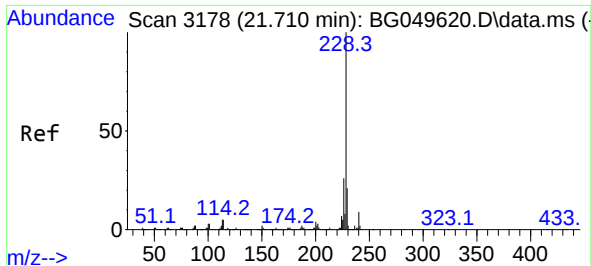
Tgt Ion:149 Resp: 28926
Ion Ratio Lower Upper
149 100
91 74.4 63.4 95.2
206 18.0 18.4 27.6#



Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

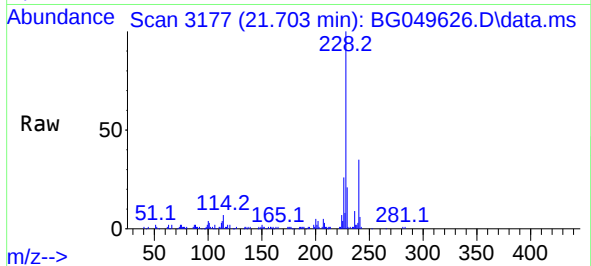
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#81
Benzo(a)anthracene
Concen: 7.356 ng
RT: 21.703 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

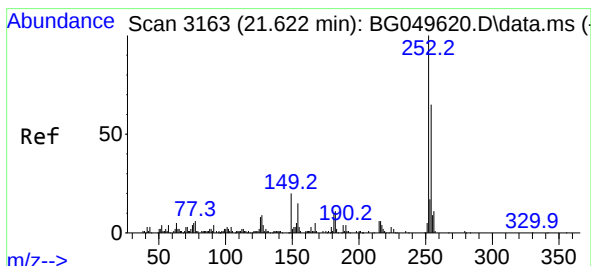
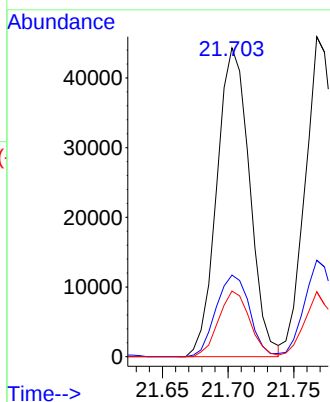
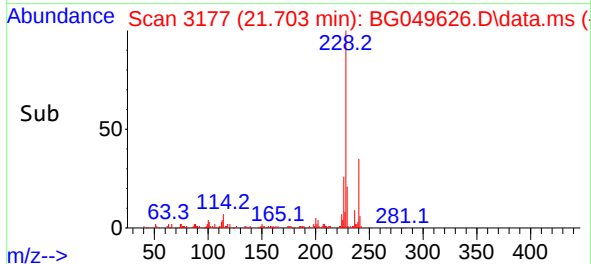
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



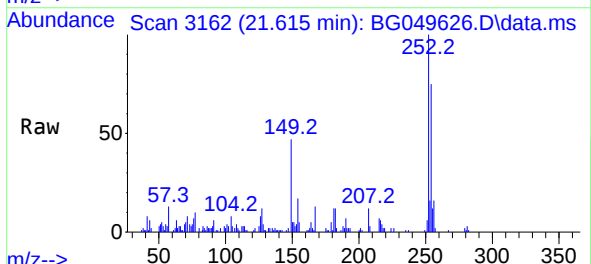
Tgt Ion:228 Resp: 76827
Ion Ratio Lower Upper
228 100
226 26.4 22.7 34.1
229 21.2 16.0 24.0

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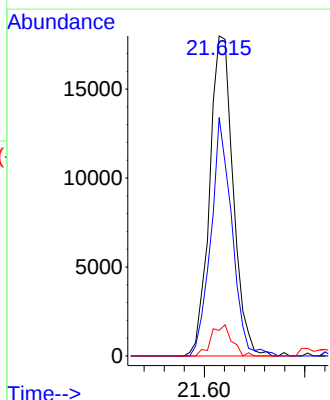
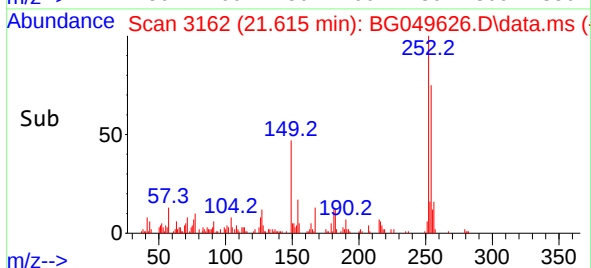
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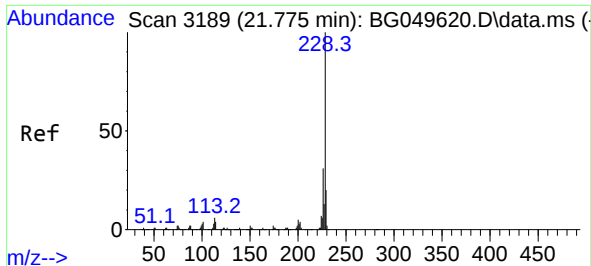


#82
3,3'-Dichlorobenzidine
Concen: 9.604 ng
RT: 21.615 min Scan# 3162
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

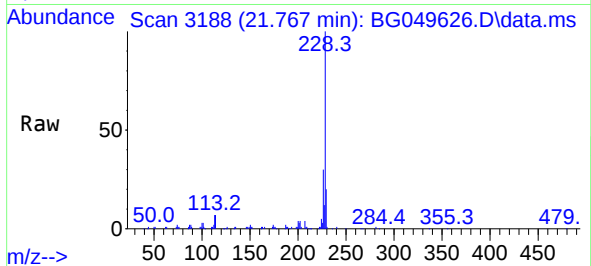


Tgt Ion:252 Resp: 29284
Ion Ratio Lower Upper
252 100
254 74.5 52.4 78.6
126 8.0 5.9 8.9

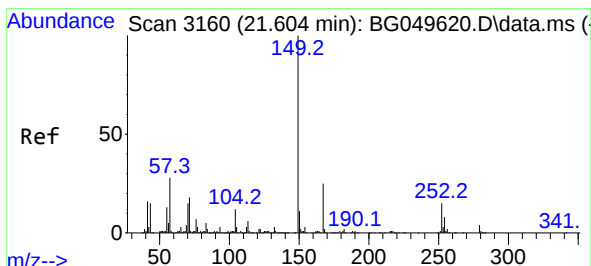
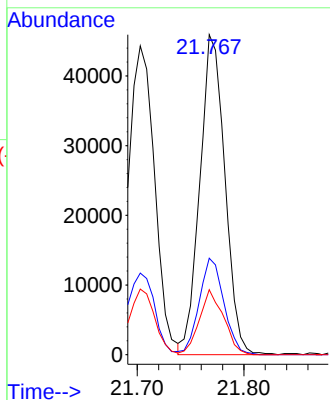
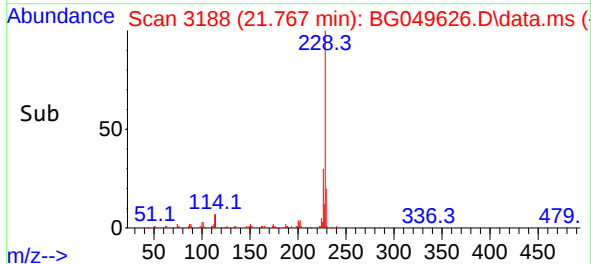




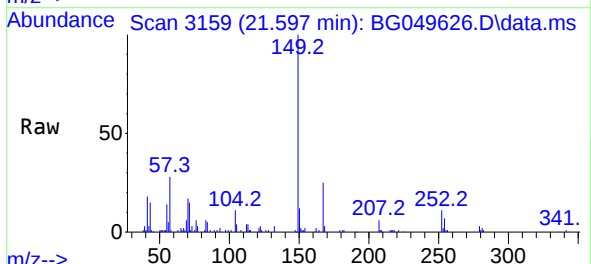
#83
Chrysene
Concen: 7.517 ng
RT: 21.767 min Scan# 3188
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



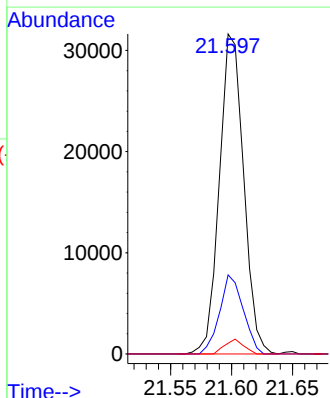
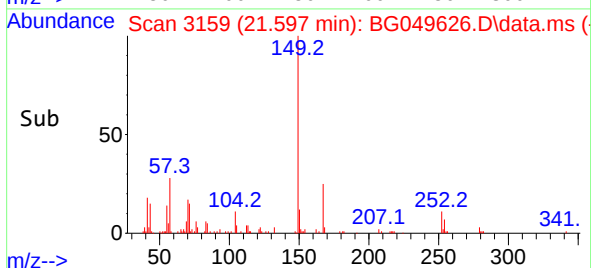
Tgt Ion:228 Resp: 75041
Ion Ratio Lower Upper
228 100
226 30.2 23.1 34.7
229 20.3 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.434 ng
RT: 21.597 min Scan# 3159
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



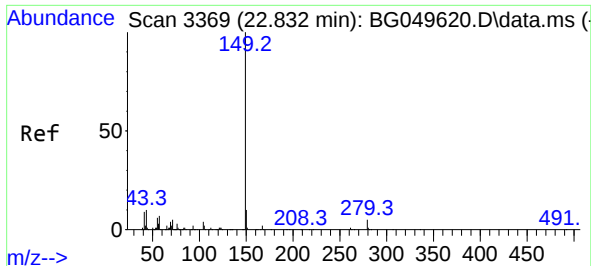
Tgt Ion:149 Resp: 43812
Ion Ratio Lower Upper
149 100
167 24.7 22.3 33.5
279 3.3 3.8 5.8#



Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

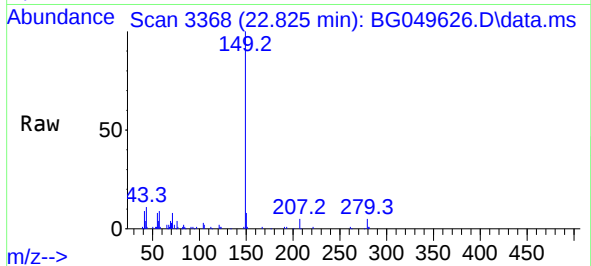
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#85
Di-n-octyl phthalate
Concen: 7.502 ng
RT: 22.825 min Scan# 3368
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

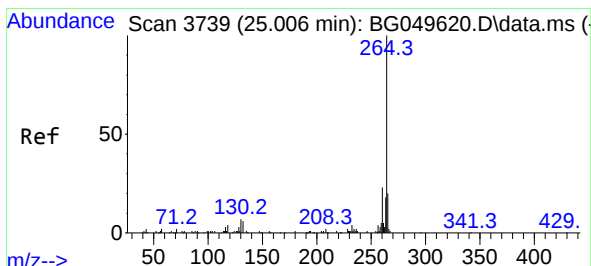
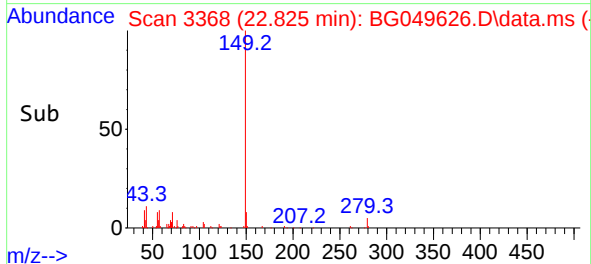
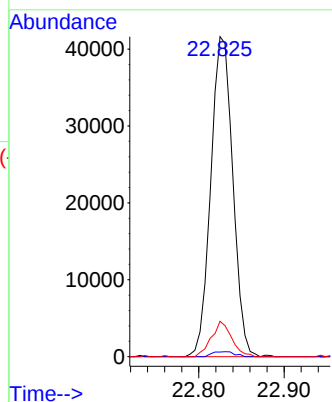
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:149 Resp: 74691
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.1 8.6 12.8

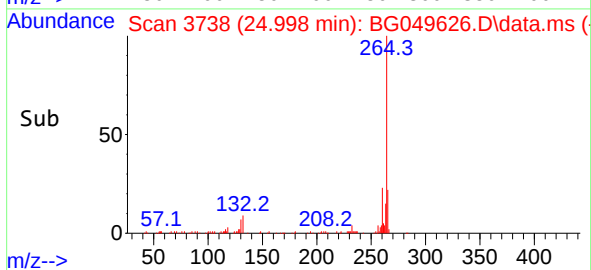
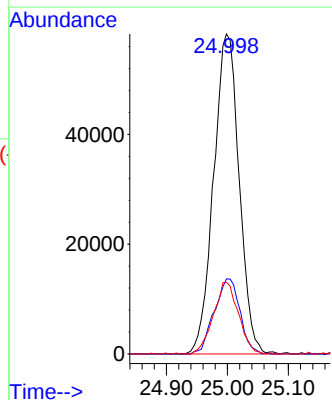
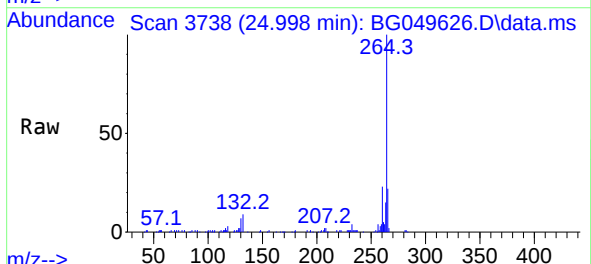
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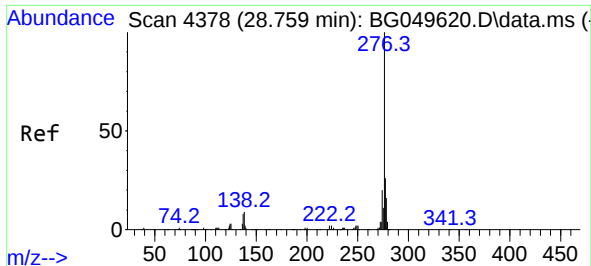
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3738
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:264 Resp: 169581
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.4 16.9 25.3





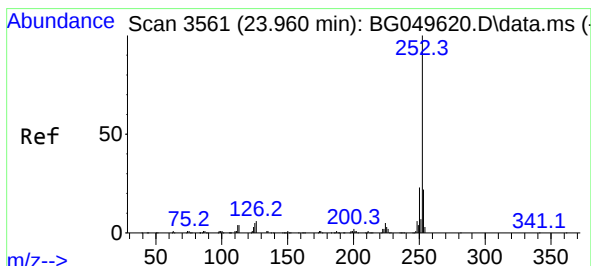
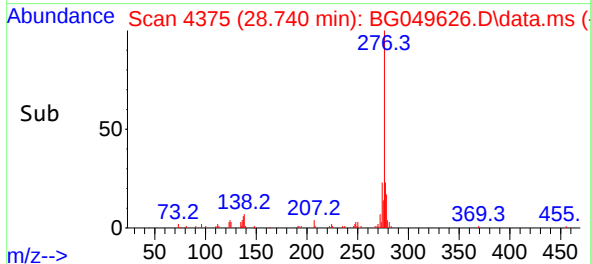
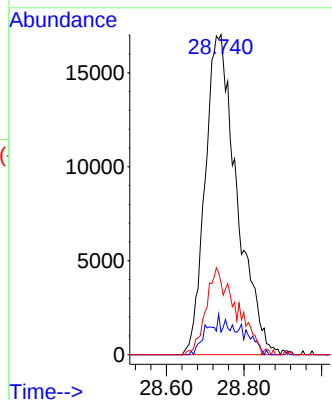
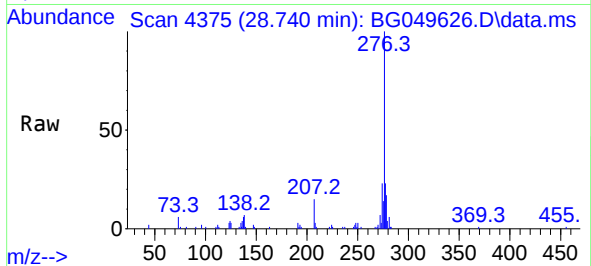
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.899 ng
RT: 28.740 min Scan# 4375
Delta R.T. -0.019 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:276 Resp: 96598
Ion Ratio Lower Upper
276 100
138 0.0 5.1 7.7#
277 13.9 19.8 29.6#

Instrument :
BNA_G
ClientSampleId :
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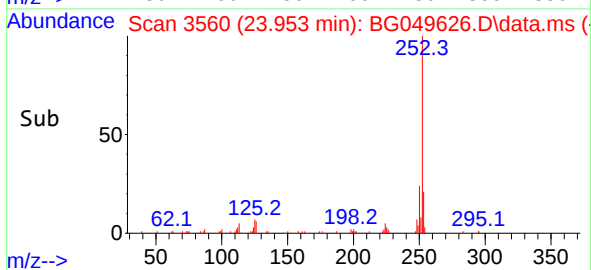
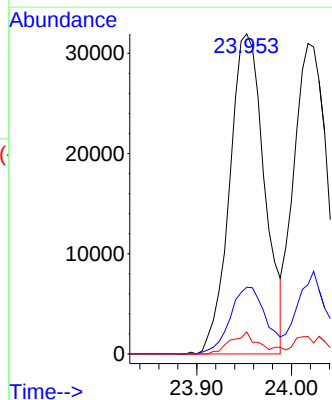
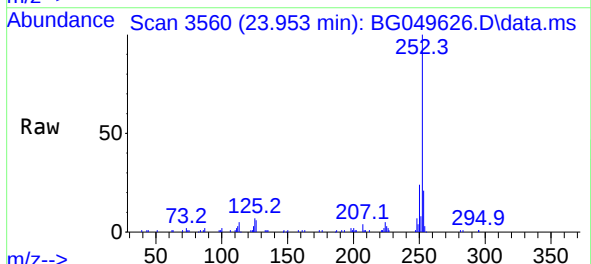
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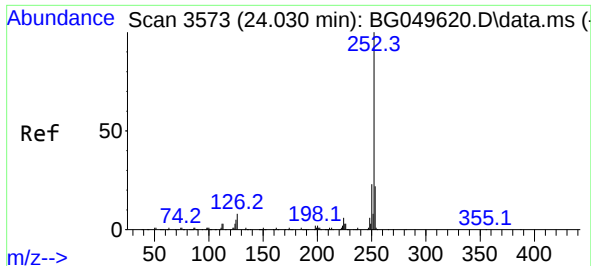
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#88
Benzo(b)fluoranthene
Concen: 7.343 ng
RT: 23.953 min Scan# 3560
Delta R.T. -0.007 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

Tgt Ion:252 Resp: 81671
Ion Ratio Lower Upper
252 100
253 20.8 16.2 24.4
125 6.9 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 7.504 ng

RT: 24.017 min Scan# 3571

Delta R.T. -0.013 min

Lab File: BG049626.D

Acq: 3 Aug 2021 16:27

Tgt Ion:	252	Resp:	77852
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	5.6	3.1	4.7#

Instrument :

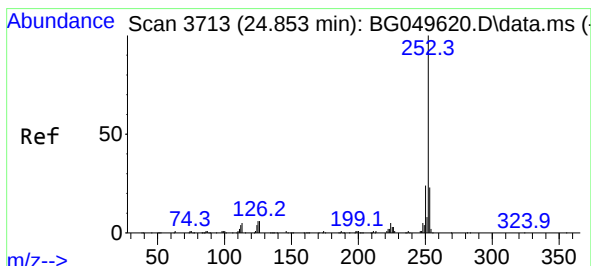
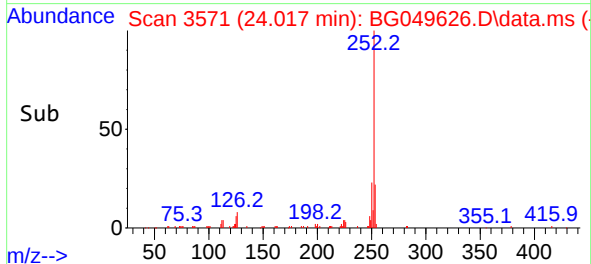
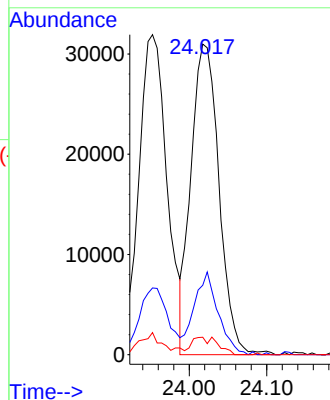
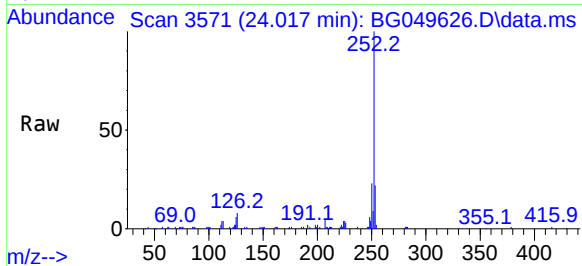
BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 7.733 ng

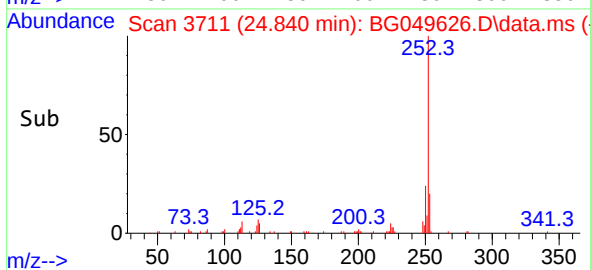
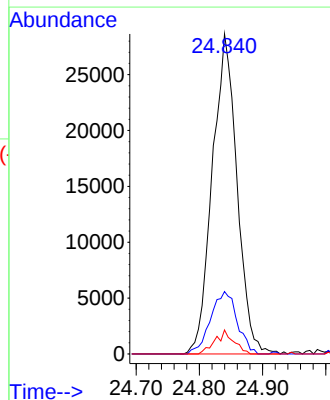
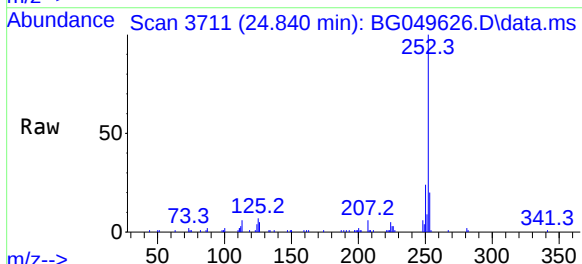
RT: 24.840 min Scan# 3711

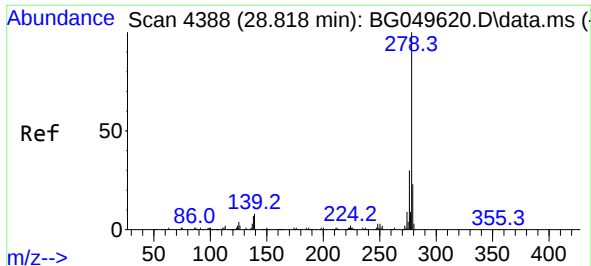
Delta R.T. -0.013 min

Lab File: BG049626.D

Acq: 3 Aug 2021 16:27

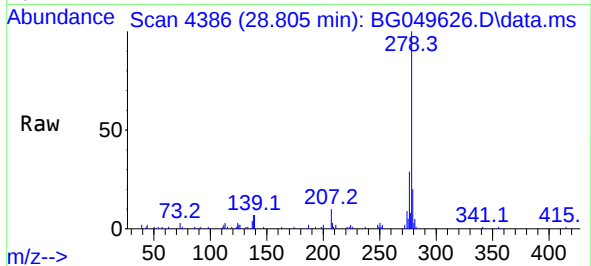
Tgt Ion:	252	Resp:	77834
Ion Ratio	Lower	Upper	
252	100		
253	19.5	16.6	25.0
125	7.5	3.5	5.3#





#91
Dibenzo(a,h)anthracene
Concen: 7.934 ng
RT: 28.805 min Scan# 4386
Delta R.T. -0.013 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27

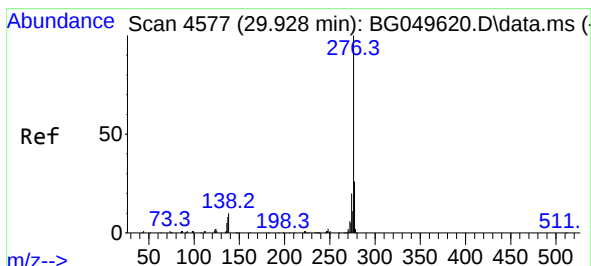
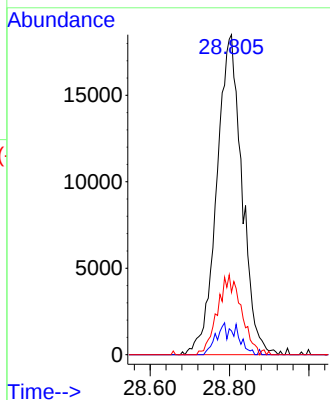
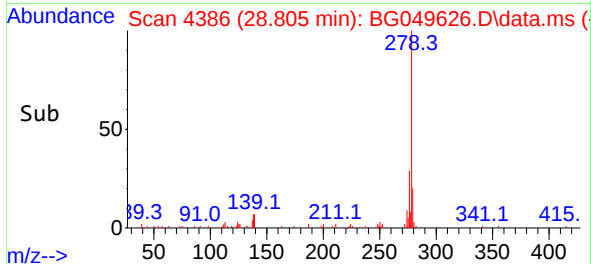
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



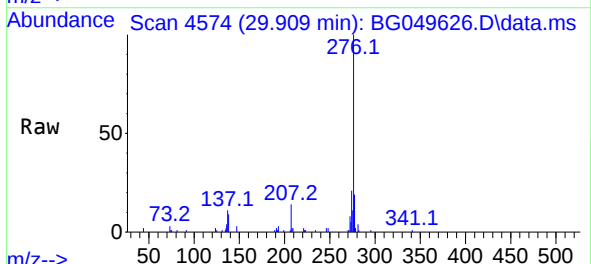
Tgt Ion:278 Resp: 81764
Ion Ratio Lower Upper
278 100
139 7.5 4.6 6.8#
279 19.5 17.9 26.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.965 ng
RT: 29.909 min Scan# 4574
Delta R.T. -0.019 min
Lab File: BG049626.D
Acq: 3 Aug 2021 16:27



Tgt Ion:276 Resp: 80418
Ion Ratio Lower Upper
276 100
277 19.4 18.4 27.6
138 9.5 7.0 10.6

