

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062665.D
 Acq On : 5 Sep 2024 13:49
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-SOIL-4 ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 05 14:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	54814	20.000	ng	0.00
21) Naphthalene-d8	10.717	136	212695	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	171698	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	495110	20.000	ng	0.00
76) Chrysene-d12	21.534	240	597365	20.000	ng	0.00
86) Perylene-d12	24.607	264	672658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	369932	116.657	ng	0.00
7) Phenol-d6	7.086	99	495186	108.093	ng	0.00
23) Nitrobenzene-d5	9.078	82	328734	83.238	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	331428	137.162	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	857413	80.888	ng	0.00
79) Terphenyl-d14	19.906	244	2075274	68.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	6304	4.772	ng	89
3) Pyridine	3.813	79	13701	3.600	ng	91
4) n-Nitrosodimethylamine	3.719	42	6940	3.750	ng	# 77
6) Aniline	7.245	93	17448	4.077	ng	98
8) 2-Chlorophenol	7.485	128	12406	3.644	ng	85
9) Benzaldehyde	7.062	77	13091	4.913	ng	98
10) Phenol	7.109	94	16955	3.656	ng	91
11) bis(2-Chloroethyl)ether	7.344	93	12878	3.627	ng	93
12) 1,3-Dichlorobenzene	7.814	146	14157	3.789	ng	97
13) 1,4-Dichlorobenzene	7.955	146	14891	3.873	ng	94
14) 1,2-Dichlorobenzene	8.273	146	13786	3.648	ng	89
15) Benzyl Alcohol	8.155	79	11018	3.251	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.437	45	22803	3.370	ng	97
17) 2-Methylphenol	8.367	107	10373	3.209	ng	95
18) Hexachloroethane	8.995	117	4943	3.429	ng	87
19) n-Nitroso-di-n-propyla...	8.713	70	10937	3.030	ng	95
20) 3+4-Methylphenols	8.690	107	13932	2.921	ng	89
22) Acetophenone	8.737	105	20816	3.628	ng	# 95
24) Nitrobenzene	9.119	77	16826	4.007	ng	92
25) Isophorone	9.636	82	29181	3.366	ng	97
26) 2-Nitrophenol	9.824	139	5506	3.470	ng	89
27) 2,4-Dimethylphenol	9.888	122	7882	3.390	ng	# 79
28) bis(2-Chloroethoxy)met...	10.124	93	16744	3.608	ng	93
29) 2,4-Dichlorophenol	10.364	162	11025	3.392	ng	94
30) 1,2,4-Trichlorobenzene	10.582	180	15915	4.130	ng	97
31) Naphthalene	10.764	128	41037	3.893	ng	96
33) 4-Chloroaniline	10.876	127	15867	3.825	ng	92
34) Hexachlorobutadiene	11.052	225	10245	3.807	ng	94
35) Caprolactam	11.604	113	4415	3.523	ng	# 85
36) 4-Chloro-3-methylphenol	11.992	107	13471	3.436	ng	94
37) 2-Methylnaphthalene	12.374	142	30328	3.709	ng	94
38) 1-Methylnaphthalene	12.374	142	30328	3.694	ng	89
40) 1,2,4,5-Tetrachloroben...	12.744	216	21249	4.115	ng	# 98
41) Hexachlorocyclopentadiene	12.726	237	5370	3.645	ng	92
43) 2,4,6-Trichlorophenol	12.985	196	11409	3.485	ng	97
44) 2,4,5-Trichlorophenol	13.049	196	12843	3.465	ng	95

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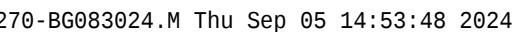
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

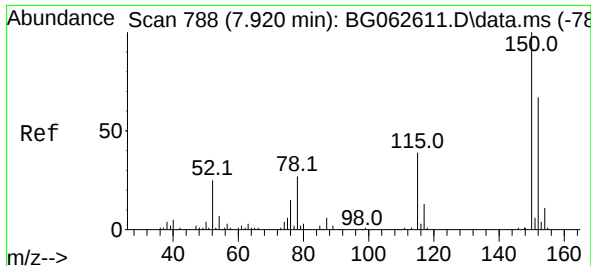
Quant Time: Sep 05 14:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.379	154	46303	4.042	ng	100
47) 2-Chloronaphthalene	13.420	162	36016	3.880	ng	100
48) 2-Nitroaniline	13.625	65	9316	3.815	ng	95
49) Acenaphthylene	14.266	152	55450	4.033	ng	99
50) Dimethylphthalate	13.995	163	47920	3.817	ng	# 96
51) 2,6-Dinitrotoluene	14.119	165	7591	3.197	ng	94
52) Acenaphthene	14.612	154	31767	3.696	ng	98
53) 3-Nitroaniline	14.442	138	8933	3.888	ng	99
54) 2,4-Dinitrophenol	14.653	184	2145	1.610	ng	# 73
55) Dibenzofuran	14.941	168	59276	4.022	ng	99
56) 4-Nitrophenol	14.759	139	6436	3.305	ng	90
57) 2,4-Dinitrotoluene	14.906	165	11973	3.695	ng	# 87
58) Fluorene	15.594	166	45481	3.932	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.171	232	14204	4.045	ng	# 94
60) Diethylphthalate	15.364	149	48101	3.865	ng	95
61) 4-Chlorophenyl-phenyle...	15.588	204	27135	4.086	ng	96
62) 4-Nitroaniline	15.605	138	8987	3.547	ng	95
63) Azobenzene	15.876	77	43348	3.710	ng	97
65) 4,6-Dinitro-2-methylph...	15.670	198	5930	2.684	ng	83
66) n-Nitrosodiphenylamine	15.799	169	43019	3.614	ng	94
67) 4-Bromophenyl-phenylether	16.481	248	19169	3.751	ng	92
68) Hexachlorobenzene	16.598	284	22505	3.719	ng	# 93
69) Atrazine	16.745	200	19608	4.850	ng	93
70) Pentachlorophenol	16.945	266	8578	2.213	ng	96
71) Phenanthrene	17.333	178	91755	3.970	ng	98
72) Anthracene	17.421	178	90193	3.969	ng	96
73) Carbazole	17.691	167	82390	3.944	ng	97
74) Di-n-butylphthalate	18.255	149	87428	3.711	ng	99
75) Fluoranthene	19.342	202	122974	4.207	ng	99
77) Benzidine	19.524	184	48399	4.495	ng	# 93
78) Pyrene	19.706	202	132402	3.487	ng	98
80) Butylbenzylphthalate	20.599	149	34580	3.100	ng	98
81) Benzo(a)anthracene	21.516	228	142682	3.787	ng	99
82) 3,3'-Dichlorobenzidine	21.434	252	46540	3.792	ng	97
83) Chrysene	21.575	228	140060	3.881	ng	96
84) Bis(2-ethylhexyl)phtha...	21.434	149	53095	3.133	ng	# 96
85) Di-n-octyl phthalate	22.597	149	89845	3.028	ng	100
87) Indeno(1,2,3-cd)pyrene	28.061	276	162067	3.757	ng	# 87
88) Benzo(b)fluoranthene	23.631	252	132697	3.572	ng	97
89) Benzo(k)fluoranthene	23.696	252	141158	3.884	ng	98
90) Benzo(a)pyrene	24.454	252	124165	3.783	ng	96
91) Dibenzo(a,h)anthracene	28.120	278	132672	3.734	ng	# 95
92) Benzo(g,h,i)perylene	29.142	276	125792	3.511	ng	# 93

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

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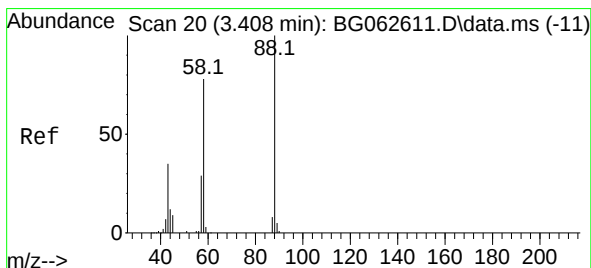
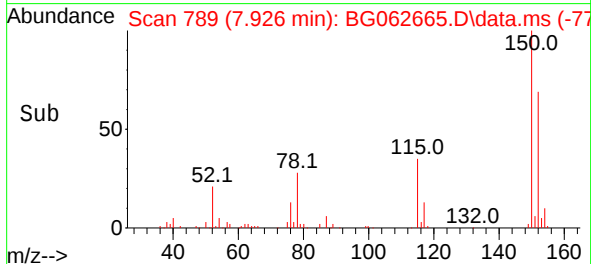
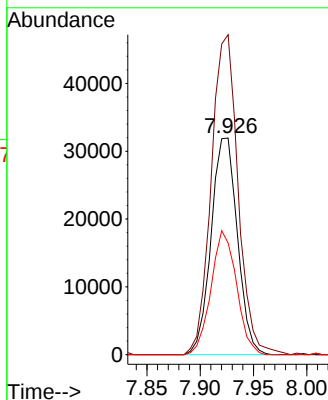
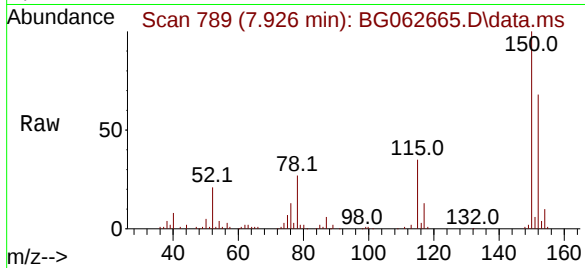




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

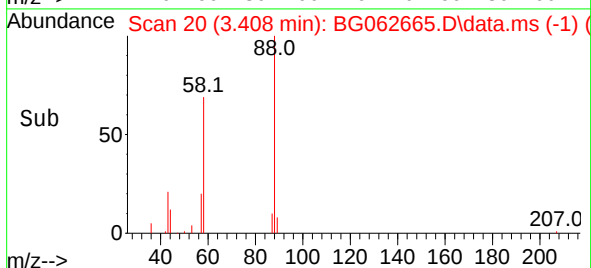
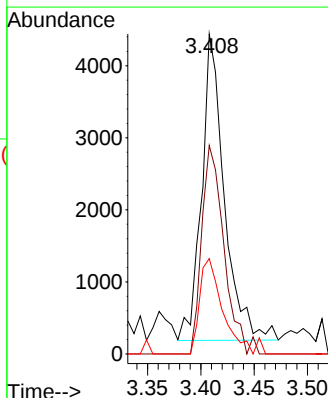
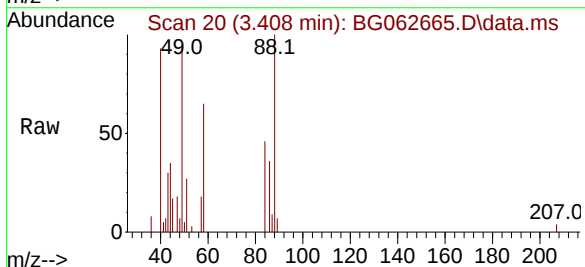
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

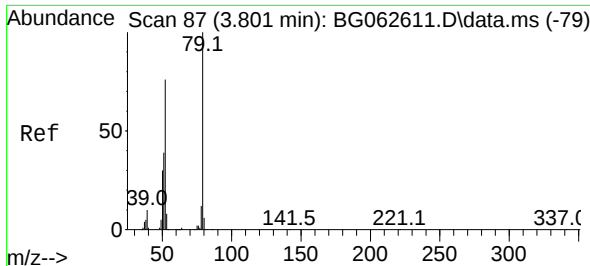
Tgt Ion:152 Resp: 54814
Ion Ratio Lower Upper
152 100
150 147.7 119.9 179.9
115 51.5 46.6 69.8



#2
1,4-Dioxane
Concen: 4.772 ng
RT: 3.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion: 88 Resp: 6304
Ion Ratio Lower Upper
88 100
58 66.7 62.3 93.5
43 31.0 27.5 41.3





#3

Pyridine

Concen: 3.600 ng

RT: 3.813 min Scan# 89

Delta R.T. 0.012 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

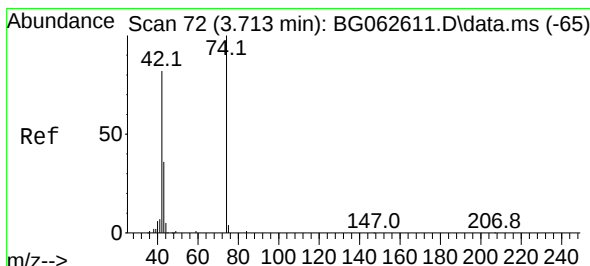
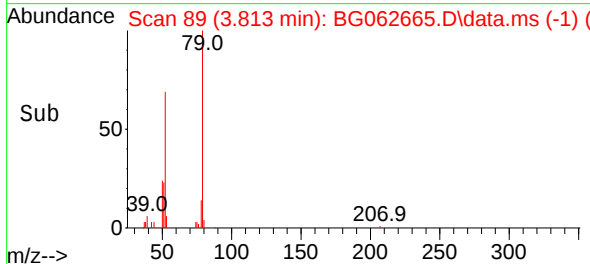
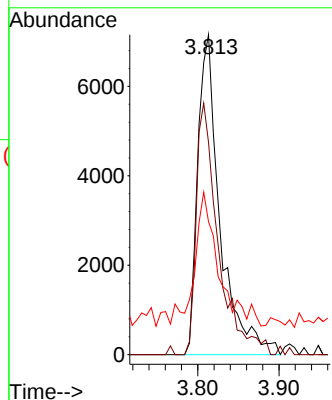
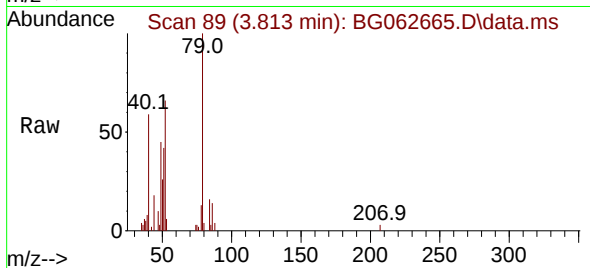
Tgt Ion: 79 Resp: 13701

Ion Ratio Lower Upper

79 100

52 66.3 60.9 91.3

51 41.5 31.5 47.3



#4

n-Nitrosodimethylamine

Concen: 3.750 ng

RT: 3.719 min Scan# 73

Delta R.T. 0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

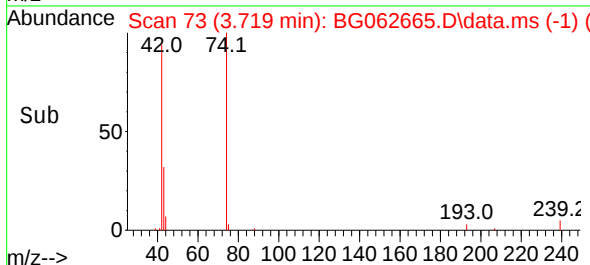
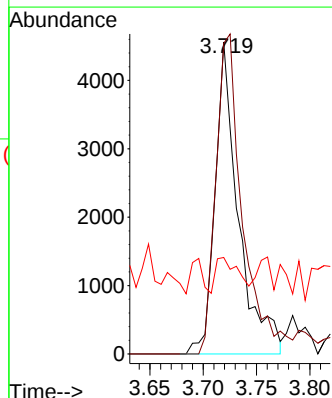
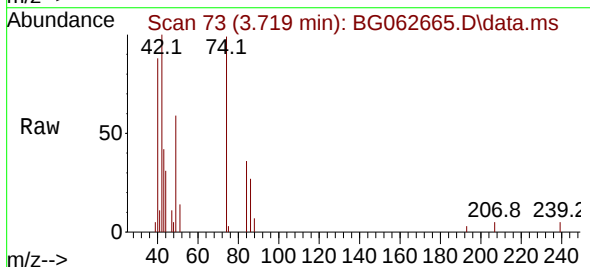
Tgt Ion: 42 Resp: 6940

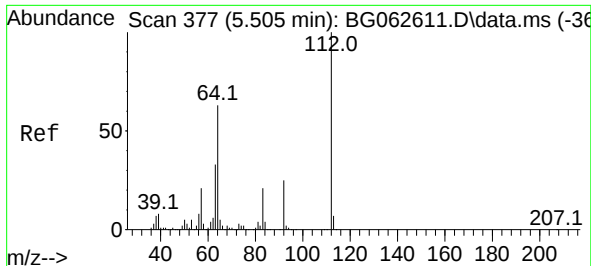
Ion Ratio Lower Upper

42 100

74 99.5 98.0 147.0

44 30.9 7.4 11.2#

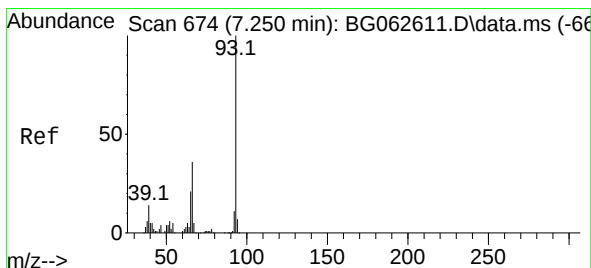
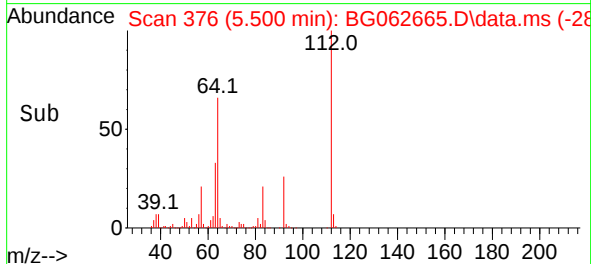
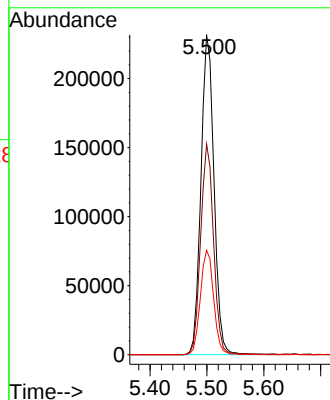
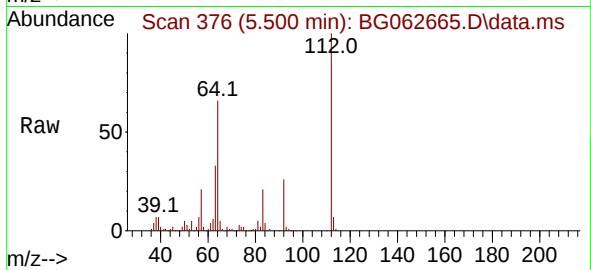




#5
2-Fluorophenol
Concen: 116.657 ng
RT: 5.500 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

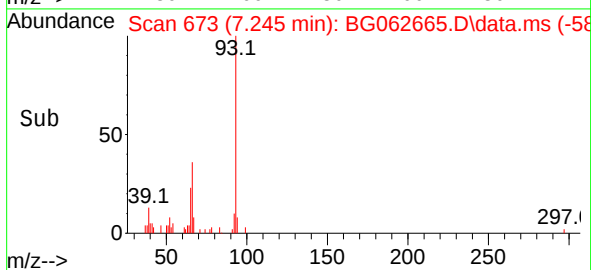
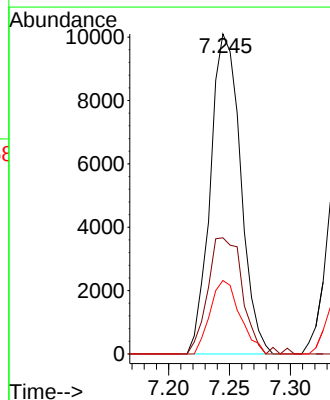
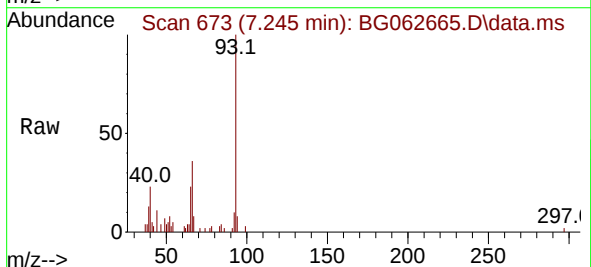
Instrument :
BNA_G
ClientSampleId :
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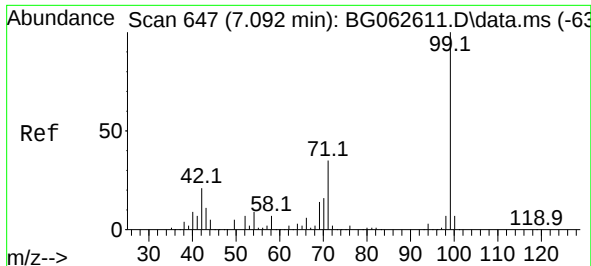
Tgt Ion:112 Resp: 369932
Ion Ratio Lower Upper
112 100
64 65.9 50.2 75.2
63 32.7 26.6 39.8



#6
Aniline
Concen: 4.077 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion: 93 Resp: 17448
Ion Ratio Lower Upper
93 100
66 36.3 29.1 43.7
65 23.0 16.6 25.0

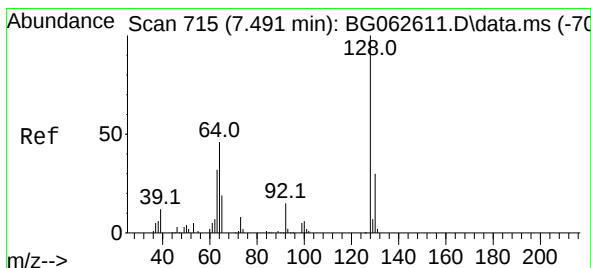
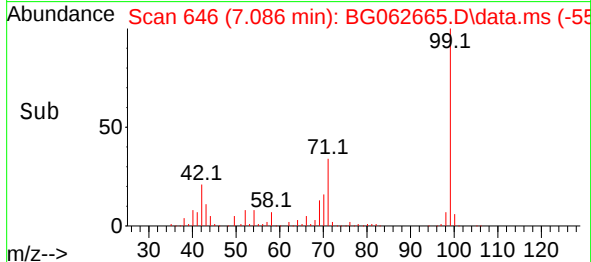
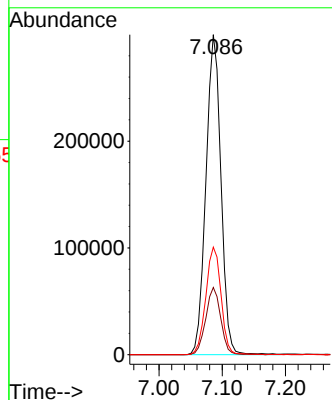
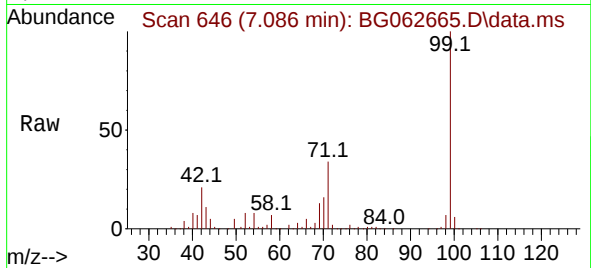




#7
Phenol-d6
Concen: 108.093 ng
RT: 7.086 min Scan# 647
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

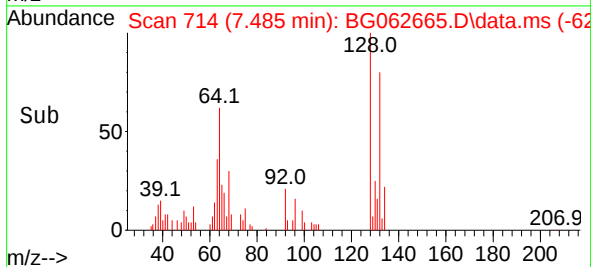
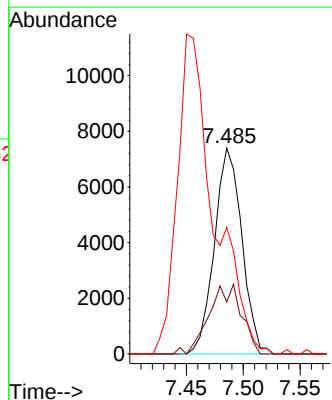
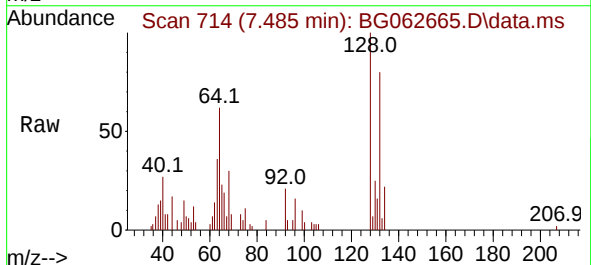
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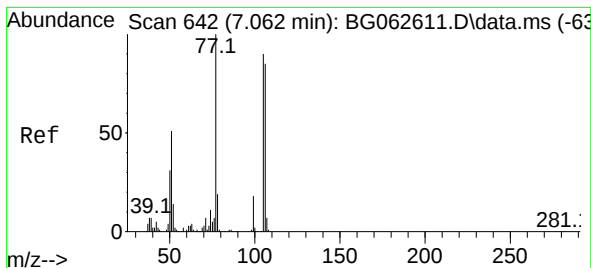
Tgt Ion: 99 Resp: 495186
Ion Ratio Lower Upper
99 100
42 21.0 16.9 25.3
71 33.6 27.9 41.9



#8
2-Chlorophenol
Concen: 3.644 ng
RT: 7.485 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:128 Resp: 12406
Ion Ratio Lower Upper
128 100
130 25.2 10.0 50.0
64 61.6 28.8 68.8





#9

Benzaldehyde

Concen: 4.913 ng

RT: 7.062 min Scan# 642

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

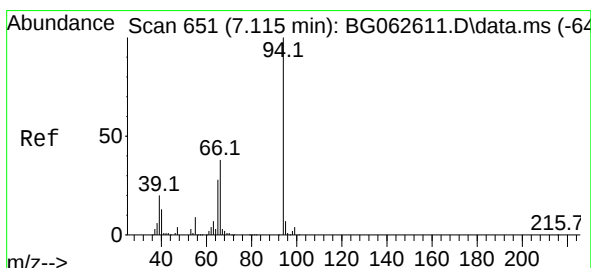
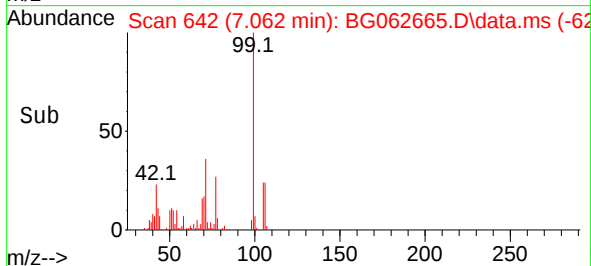
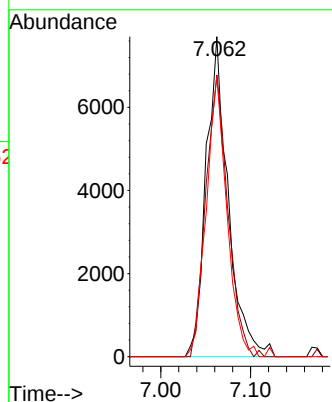
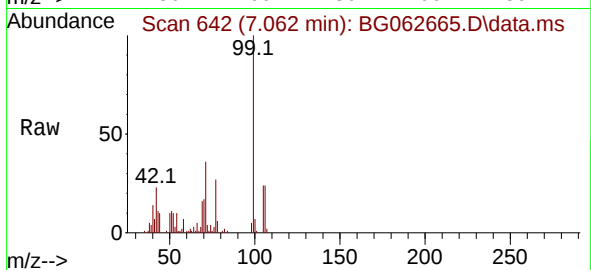
Tgt Ion: 77 Resp: 13091

Ion Ratio Lower Upper

77 100

105 88.1 70.2 110.2

106 87.7 65.4 105.4



#10

Phenol

Concen: 3.656 ng

RT: 7.109 min Scan# 650

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

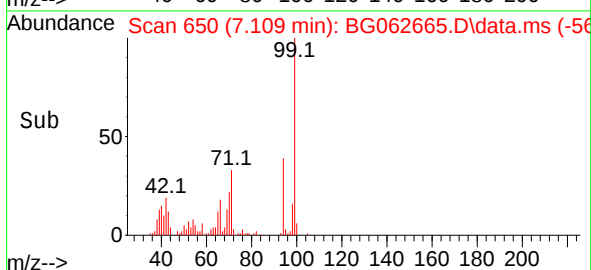
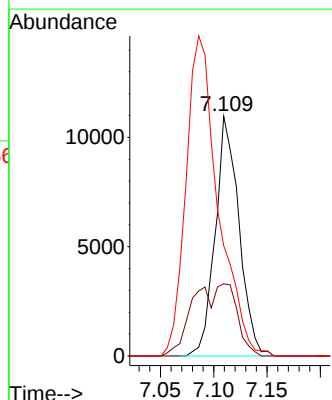
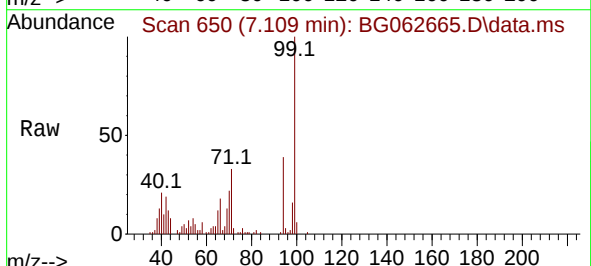
Tgt Ion: 94 Resp: 16955

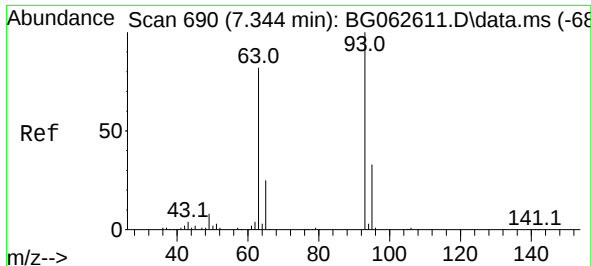
Ion Ratio Lower Upper

94 100

65 30.1 8.6 48.6

66 46.0 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 3.627 ng

RT: 7.344 min Scan# 690

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

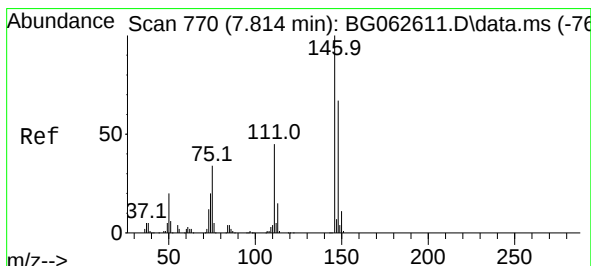
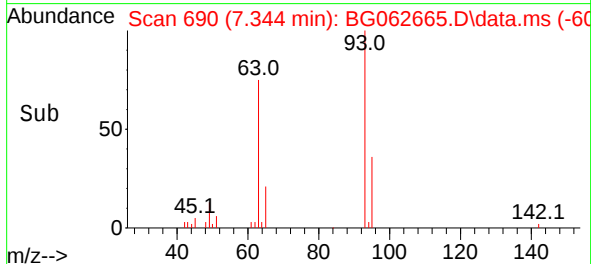
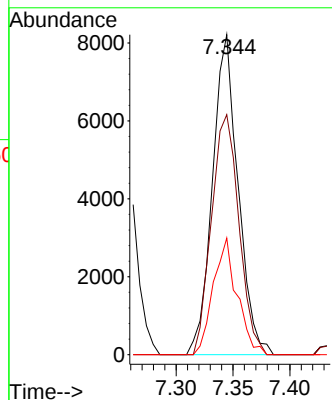
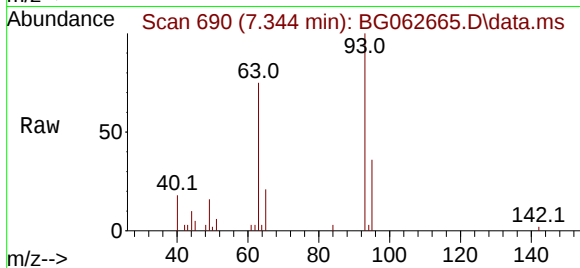
Tgt Ion: 93 Resp: 12878

Ion Ratio Lower Upper

93 100

63 75.0 61.9 101.9

95 36.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 3.789 ng

RT: 7.814 min Scan# 770

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

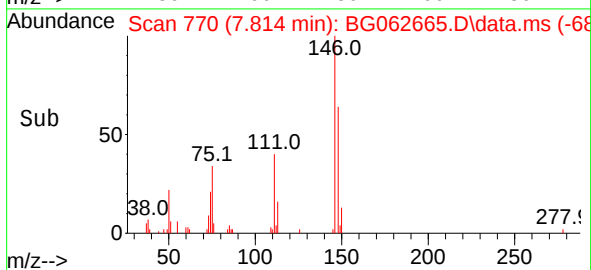
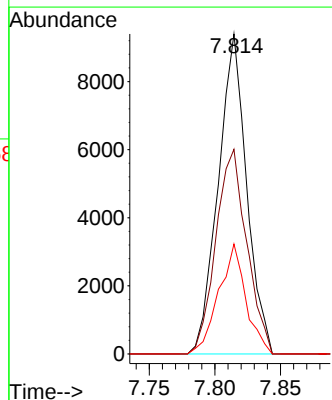
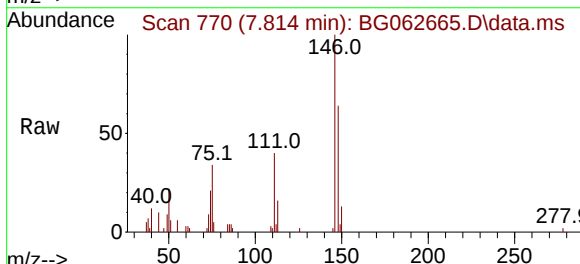
Tgt Ion:146 Resp: 14157

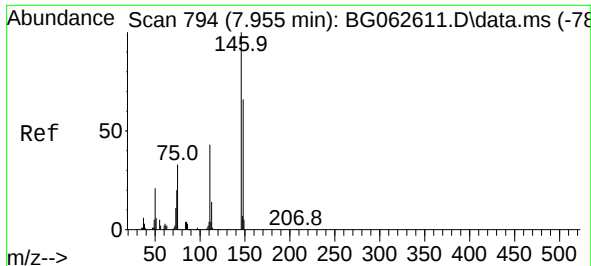
Ion Ratio Lower Upper

146 100

148 63.9 53.9 80.9

75 34.3 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 3.873 ng

RT: 7.955 min Scan# 794

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

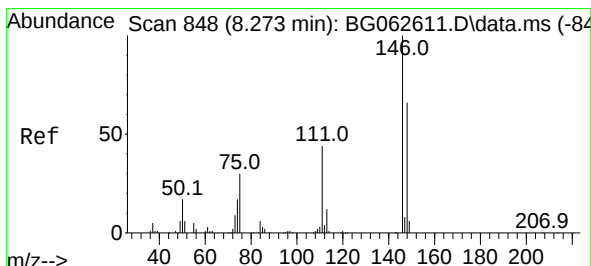
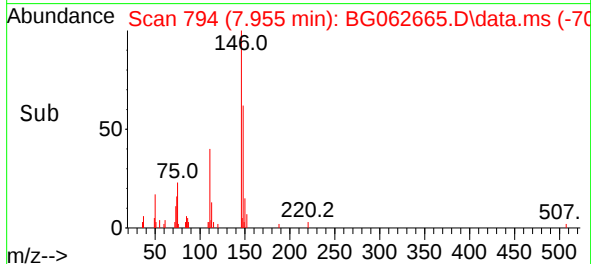
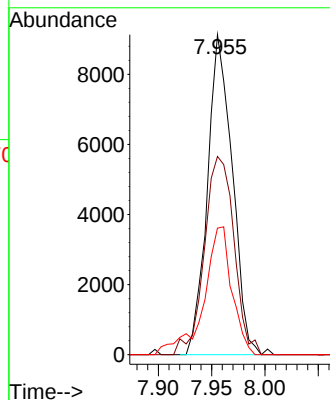
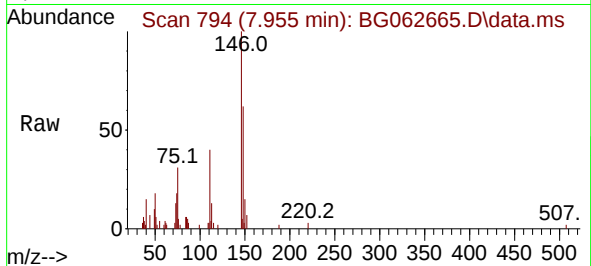
Tgt Ion:146 Resp: 14891

Ion Ratio Lower Upper

146 100

148 62.0 53.0 79.6

111 39.6 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 3.648 ng

RT: 8.273 min Scan# 848

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

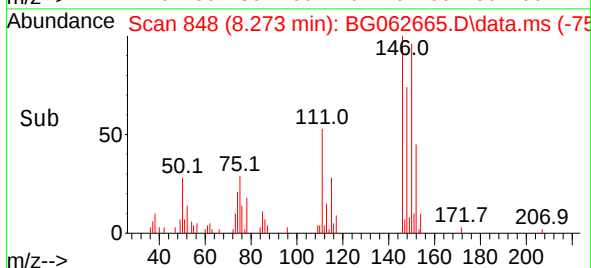
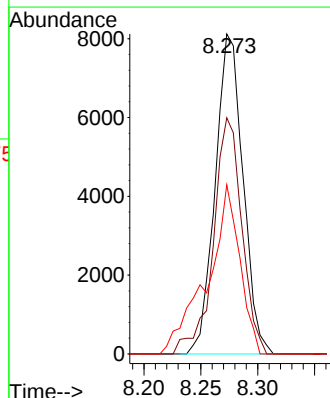
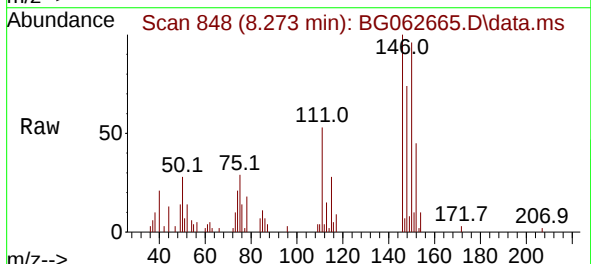
Tgt Ion:146 Resp: 13786

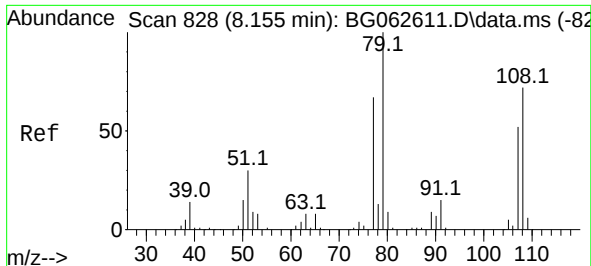
Ion Ratio Lower Upper

146 100

148 73.8 52.5 78.7

111 52.8 35.5 53.3

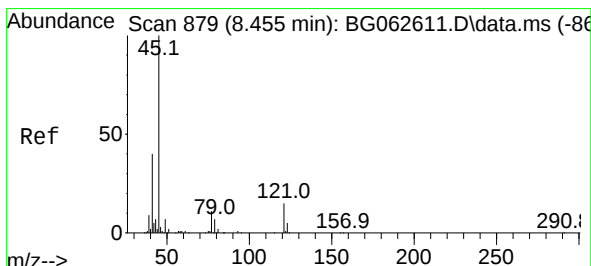
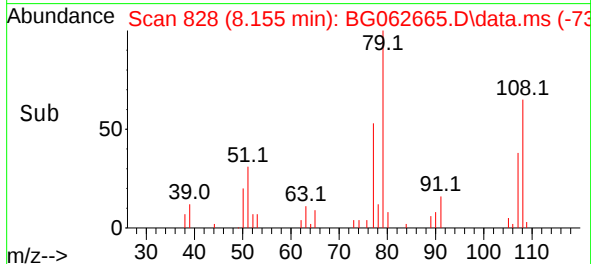
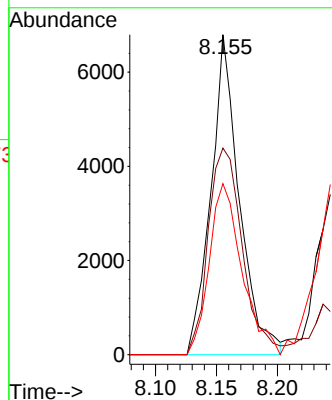
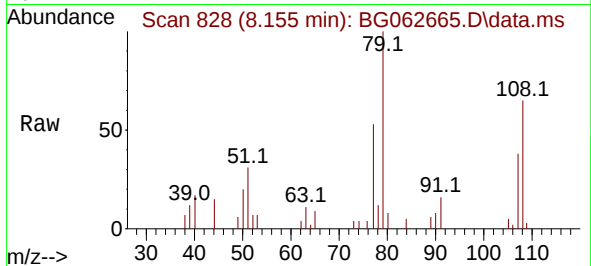




#15
Benzyl Alcohol
Concen: 3.251 ng
RT: 8.155 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

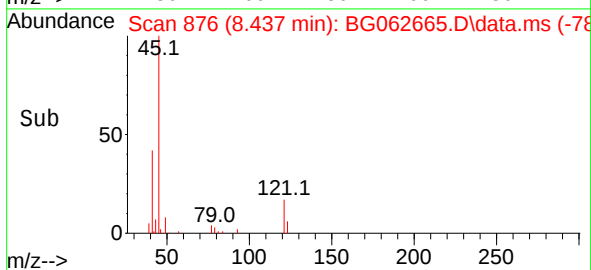
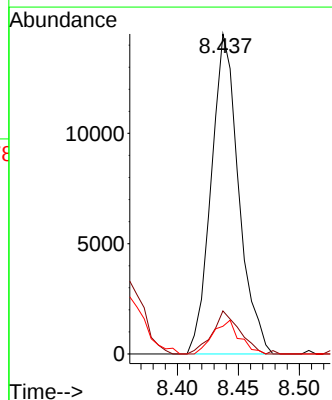
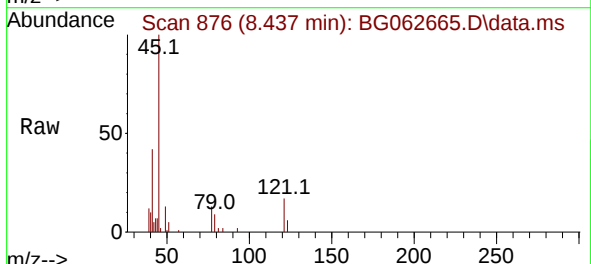
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

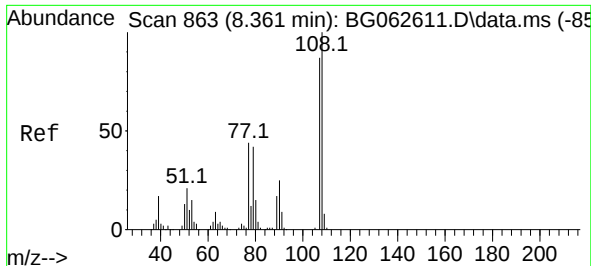
Tgt Ion: 79 Resp: 11018
Ion Ratio Lower Upper
79 100
108 64.6 57.9 86.9
77 53.5 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.370 ng
RT: 8.437 min Scan# 876
Delta R.T. -0.018 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion: 45 Resp: 22803
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.7
79 8.6 0.0 28.3

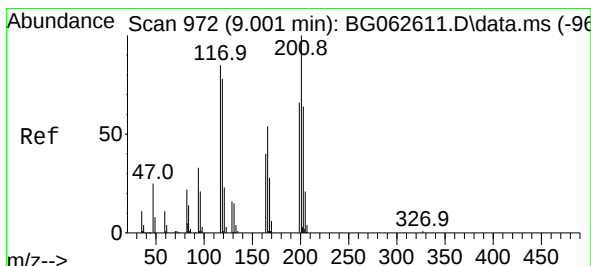
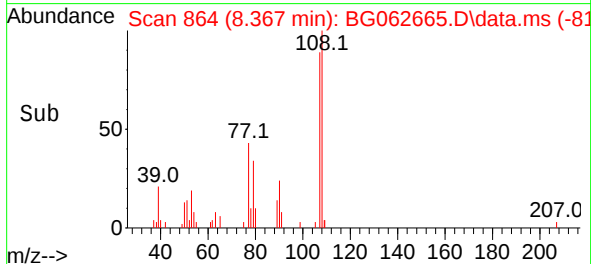
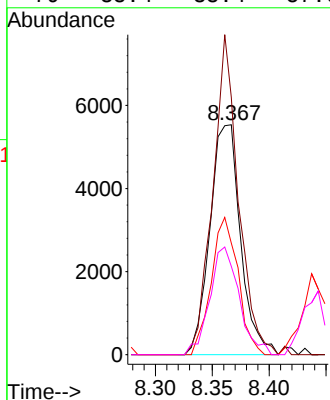
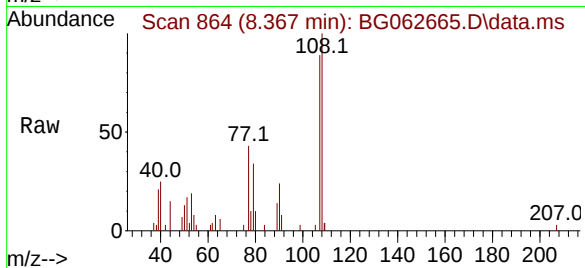




#17
2-Methylphenol
Concen: 3.209 ng
RT: 8.367 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

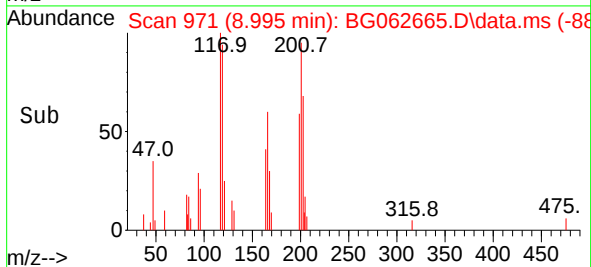
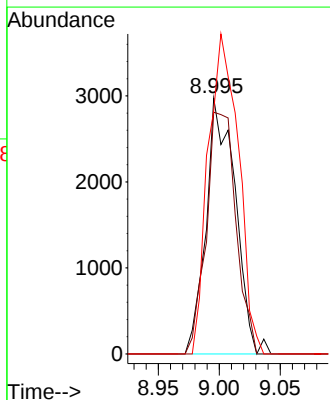
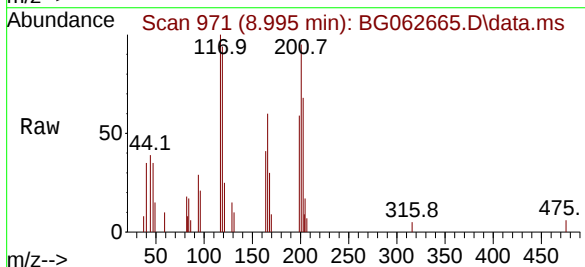
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

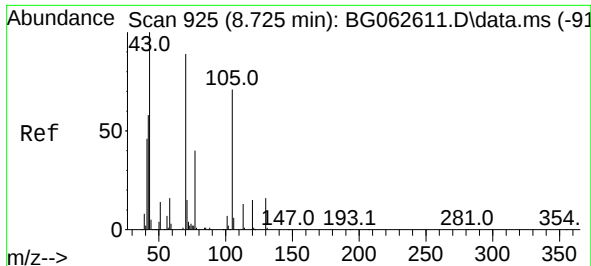
Tgt Ion:	107	Resp:	10373
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.5	137.3
77	48.5	40.0	60.0
79	38.4	38.4	57.6



#18
Hexachloroethane
Concen: 3.429 ng
RT: 8.995 min Scan# 971
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:	117	Resp:	4943
Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.4	110.0
201	95.0	93.9	140.9



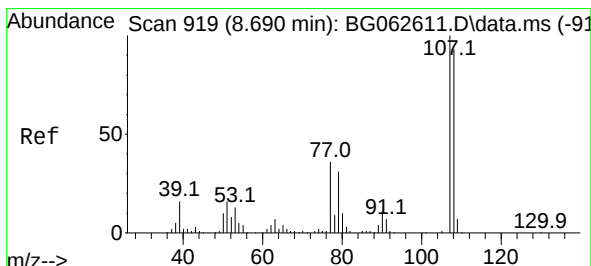
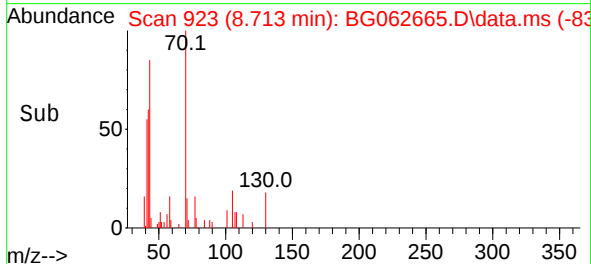
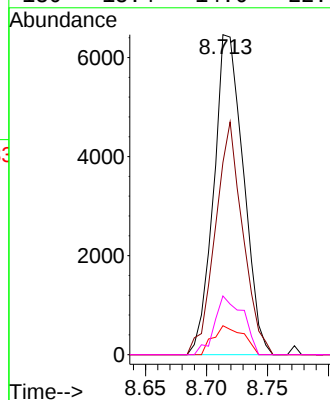
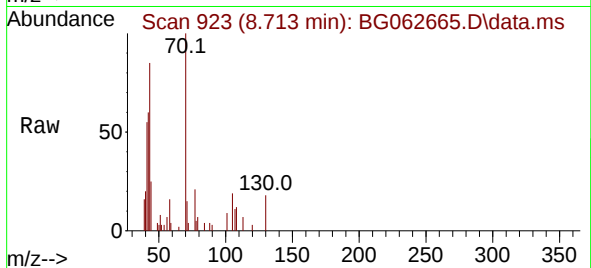


#19
n-Nitroso-di-n-propylamine
Concen: 3.030 ng
RT: 8.713 min Scan# 913
Delta R.T. -0.012 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion: 70 Resp: 10937

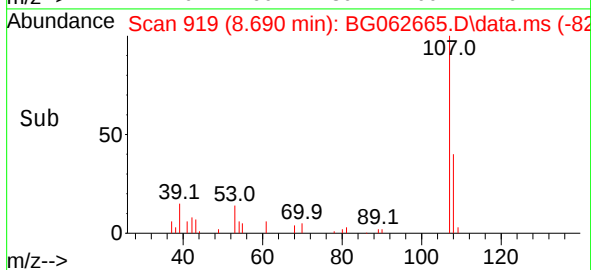
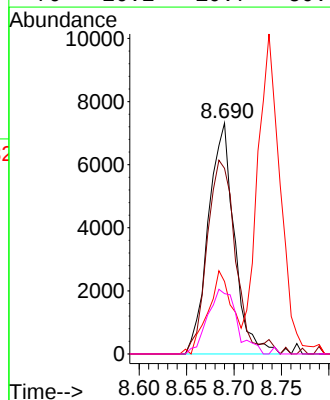
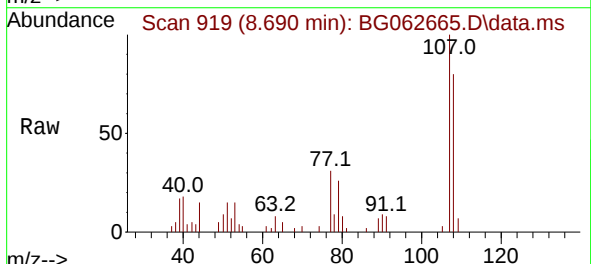
Ion	Ratio	Lower	Upper
70	100		
42	60.1	52.3	78.5
101	9.0	6.6	9.8
130	18.4	14.6	22.0

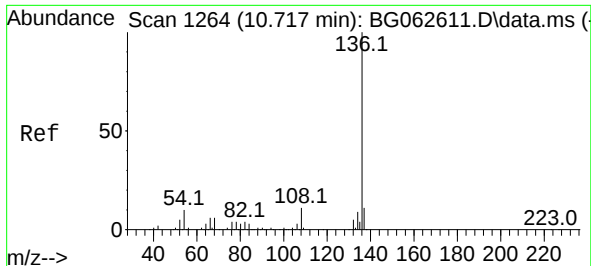


#20
3+4-Methylphenols
Concen: 2.921 ng
RT: 8.690 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion: 107 Resp: 13932

Ion	Ratio	Lower	Upper
107	100		
108	80.4	72.7	112.7
77	31.4	16.5	56.5
79	26.2	10.7	50.7

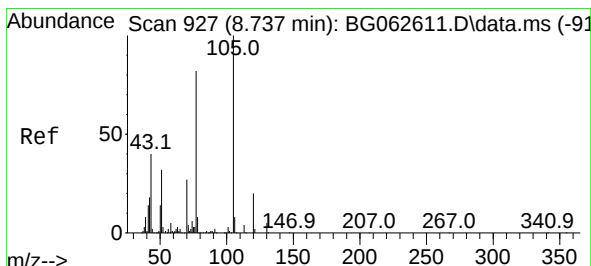
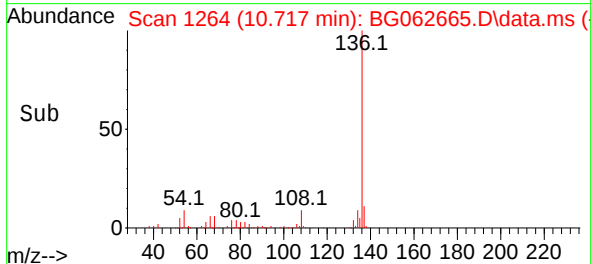
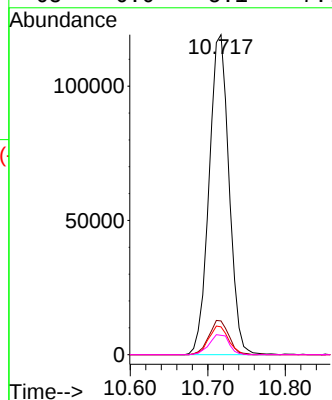
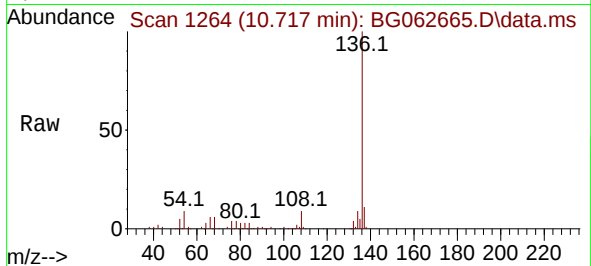




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.717 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

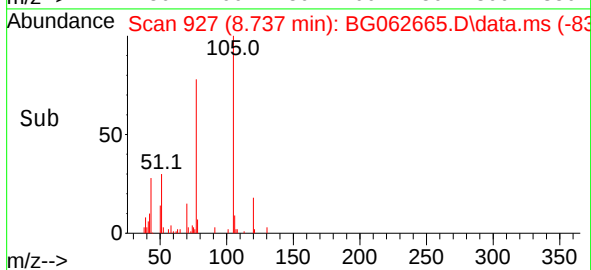
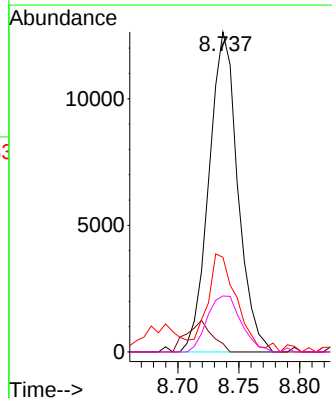
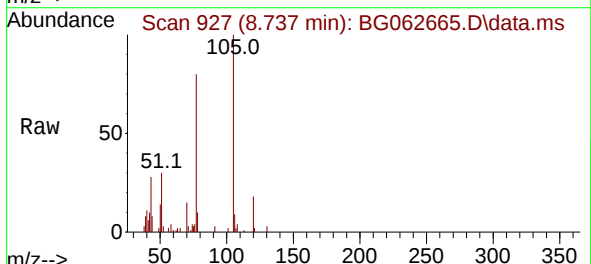
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

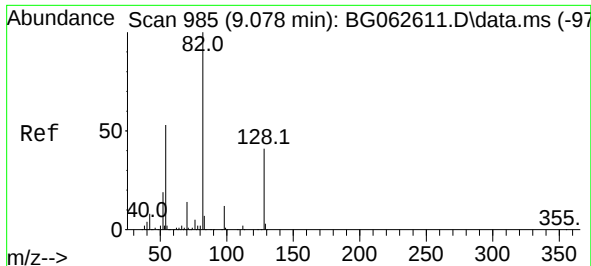
Tgt Ion:136 Resp: 212695
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.7 7.8 11.6
68 6.0 5.1 7.7



#22
Acetophenone
Concen: 3.628 ng
RT: 8.737 min Scan# 927
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:105 Resp: 20816
Ion Ratio Lower Upper
105 100
71 2.7 3.5 5.3#
51 29.6 25.7 38.5
120 17.5 15.7 23.5





#23

Nitrobenzene-d5

Concen: 83.238 ng

RT: 9.078 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

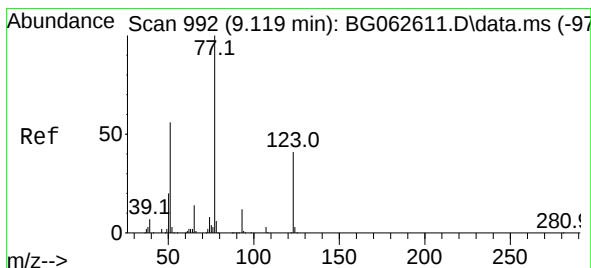
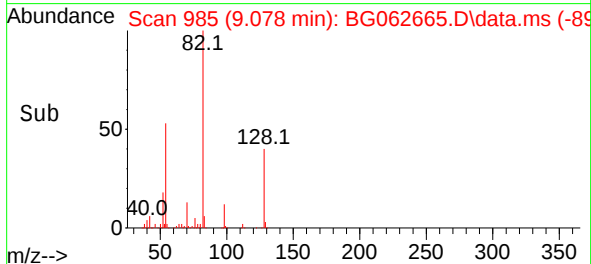
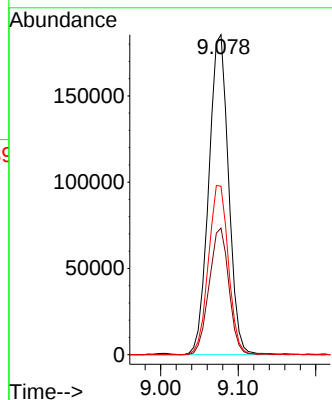
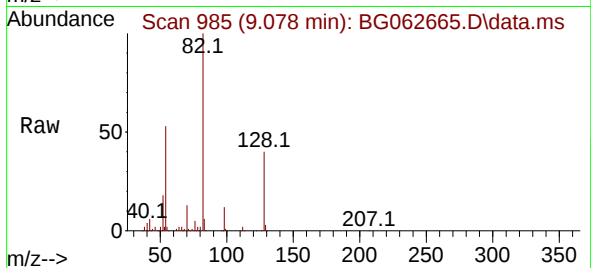
Tgt Ion: 82 Resp: 328734

Ion Ratio Lower Upper

82 100

128 39.6 32.5 48.7

54 52.7 42.5 63.7



#24

Nitrobenzene

Concen: 4.007 ng

RT: 9.119 min Scan# 992

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

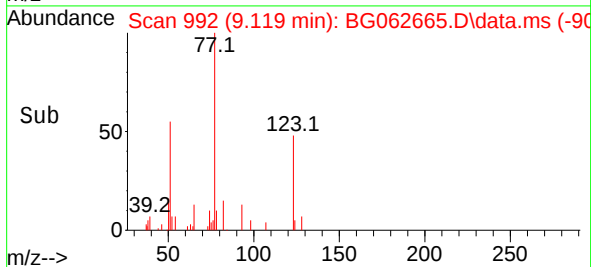
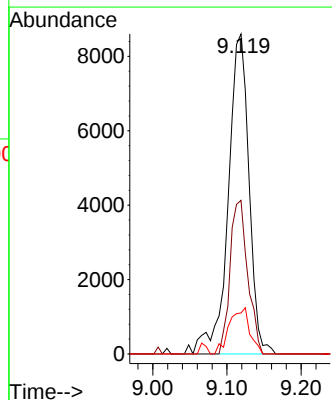
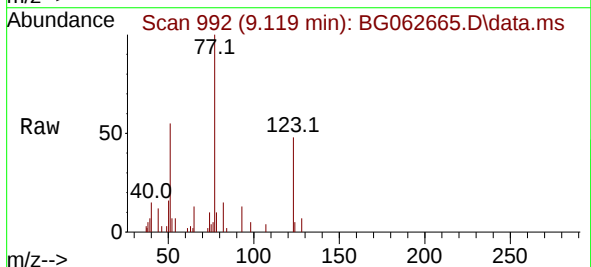
Tgt Ion: 77 Resp: 16826

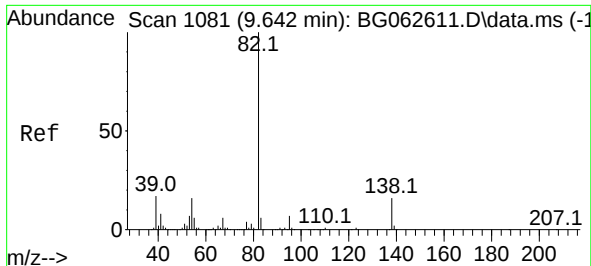
Ion Ratio Lower Upper

77 100

123 48.0 33.1 49.7

65 12.8 11.0 16.4





#25

Isophorone

Concen: 3.366 ng

RT: 9.636 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

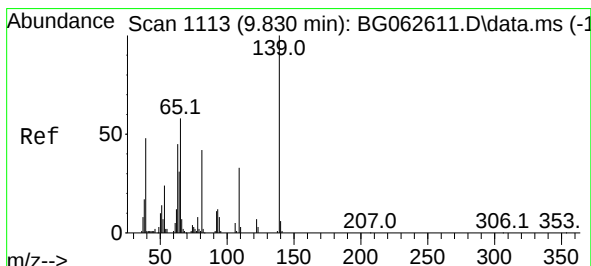
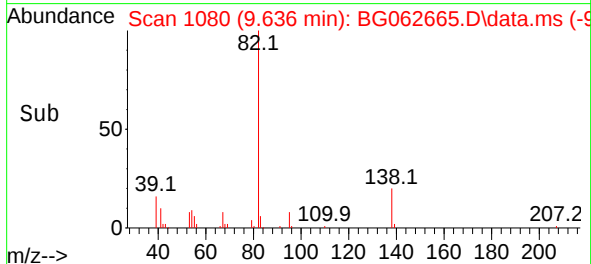
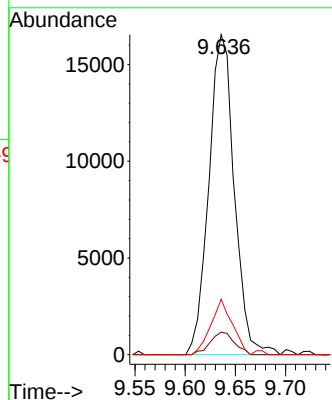
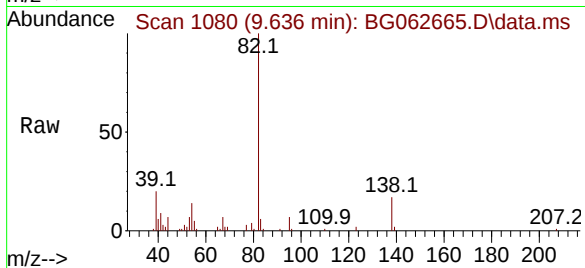
Tgt Ion: 82 Resp: 29181

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

138 17.3 12.6 18.8



#26

2-Nitrophenol

Concen: 3.470 ng

RT: 9.824 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

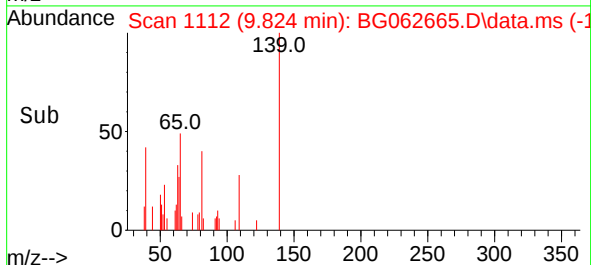
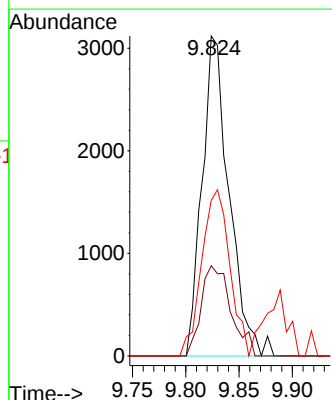
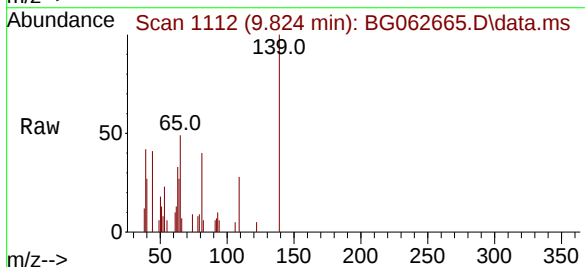
Tgt Ion:139 Resp: 5506

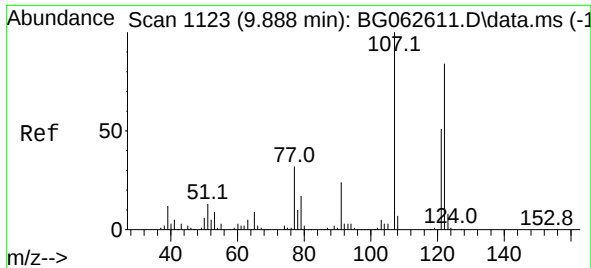
Ion Ratio Lower Upper

139 100

109 28.2 26.6 39.8

65 48.7 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 3.390 ng

RT: 9.888 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

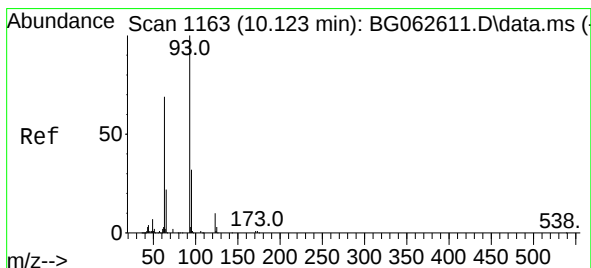
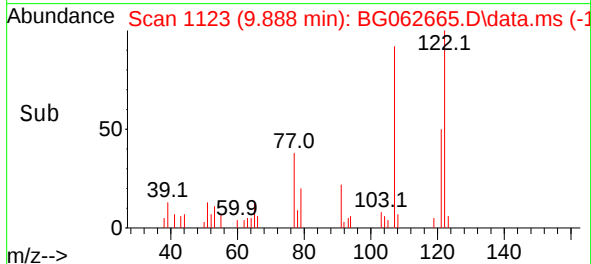
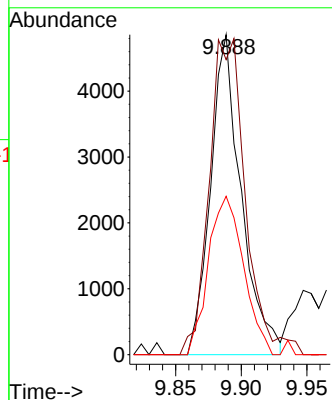
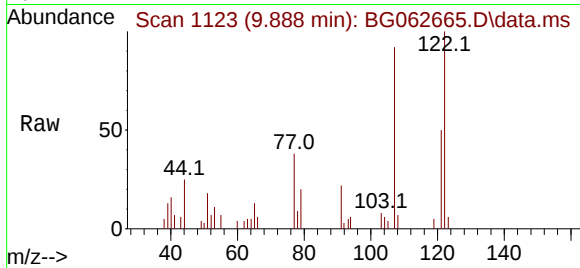
Tgt Ion:122 Resp: 7882

Ion Ratio Lower Upper

122 100

107 92.2 95.8 143.6#

121 49.5 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 3.608 ng

RT: 10.124 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

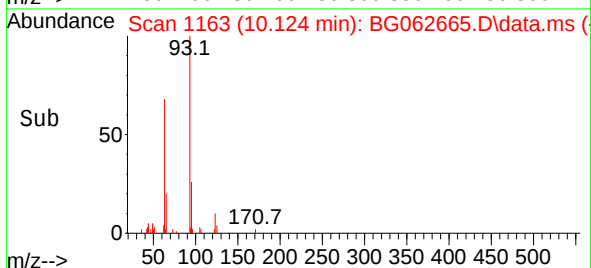
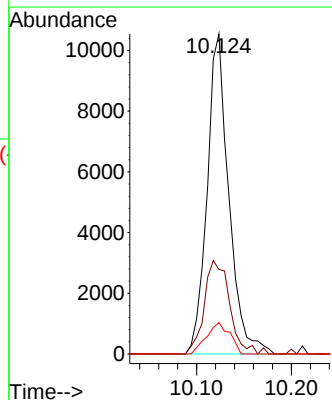
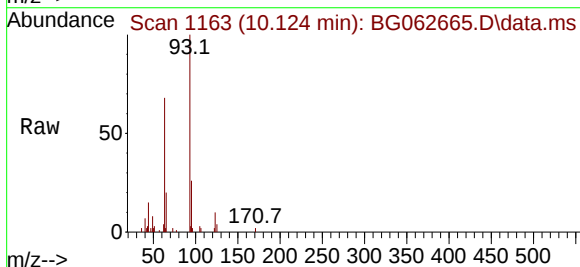
Tgt Ion: 93 Resp: 16744

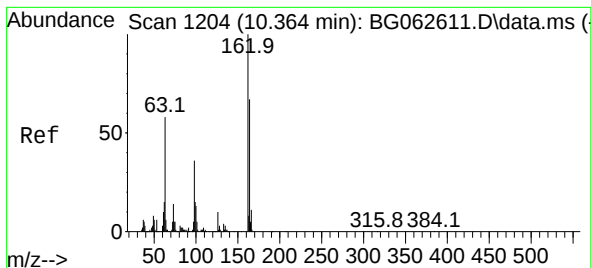
Ion Ratio Lower Upper

93 100

95 26.4 25.4 38.0

123 9.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 3.392 ng

RT: 10.364 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

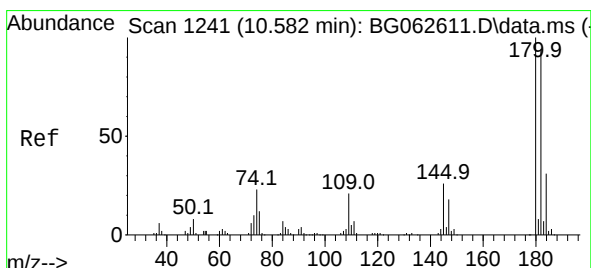
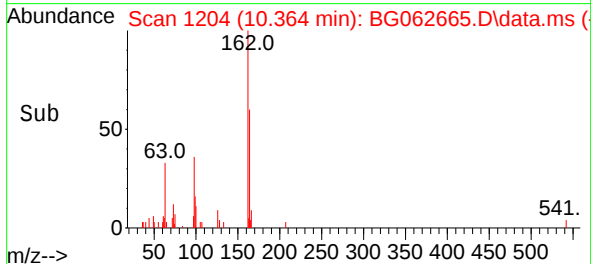
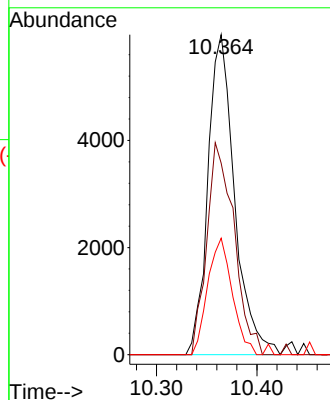
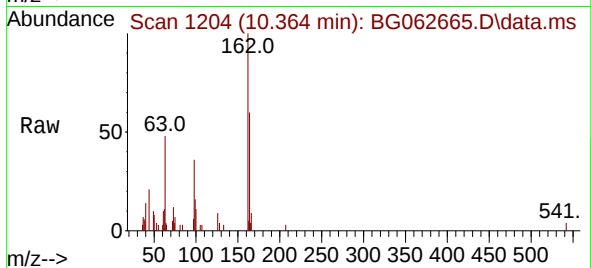
Tgt Ion:162 Resp: 11025

Ion Ratio Lower Upper

162 100

164 59.9 46.8 86.8

98 36.4 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 4.130 ng

RT: 10.582 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

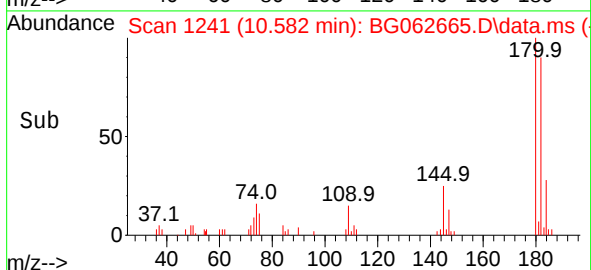
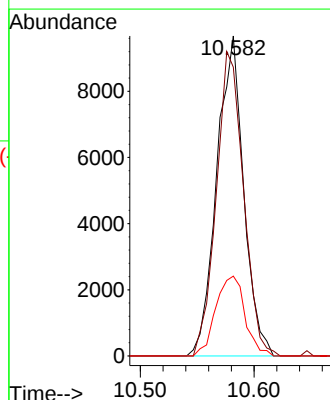
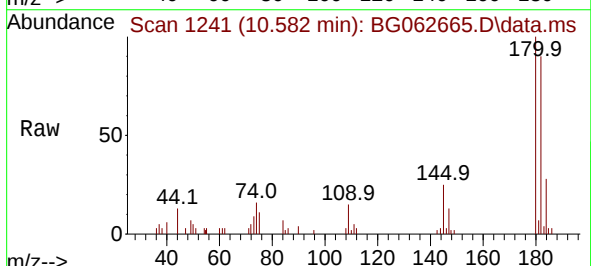
Tgt Ion:180 Resp: 15915

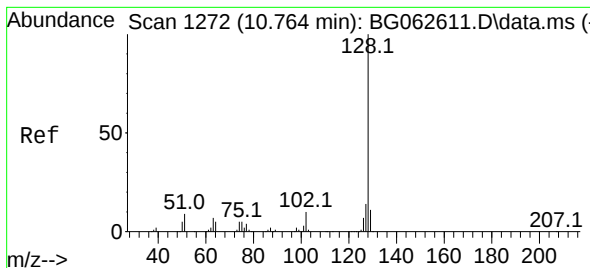
Ion Ratio Lower Upper

180 100

182 90.2 75.1 112.7

145 25.0 20.8 31.2





#31

Naphthalene

Concen: 3.893 ng

RT: 10.764 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

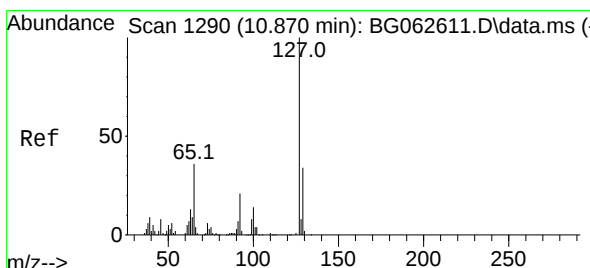
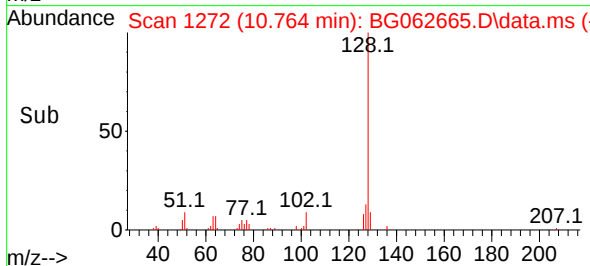
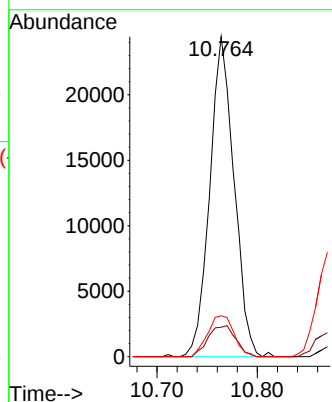
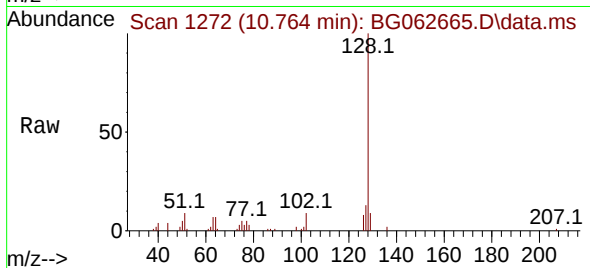
Tgt Ion:128 Resp: 41037

Ion Ratio Lower Upper

128 100

129 9.2 8.8 13.2

127 12.8 11.3 16.9



#33

4-Chloroaniline

Concen: 3.825 ng

RT: 10.876 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Tgt Ion:127 Resp: 15867

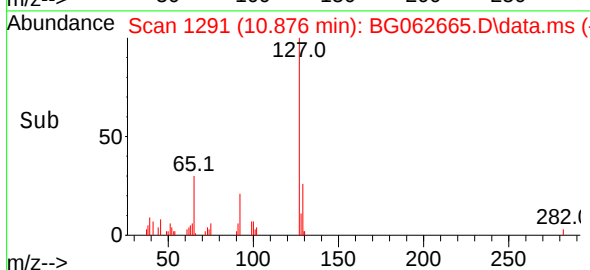
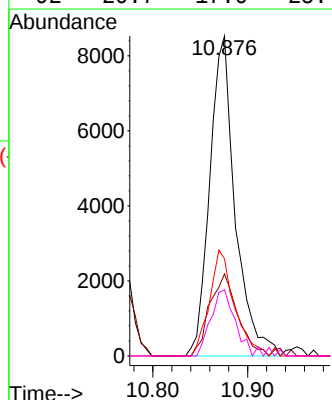
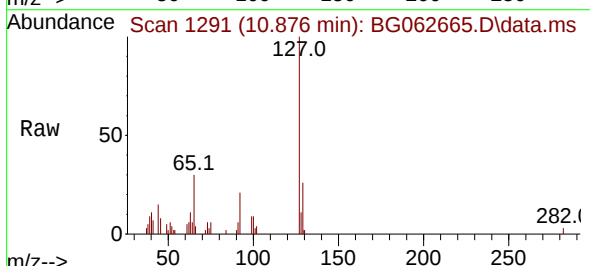
Ion Ratio Lower Upper

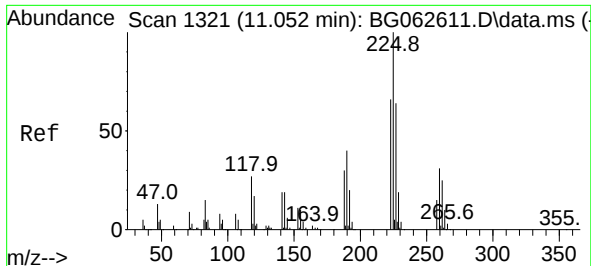
127 100

129 28.1 27.3 40.9

65 30.3 29.0 43.4

92 20.7 17.0 25.4

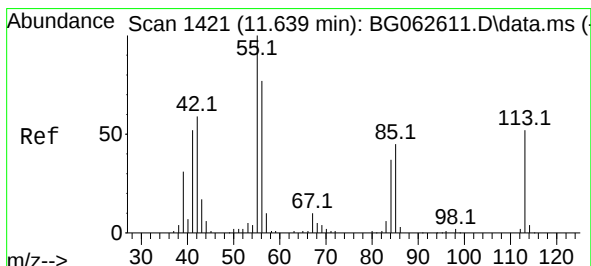
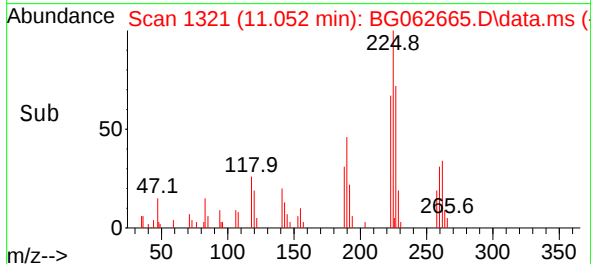
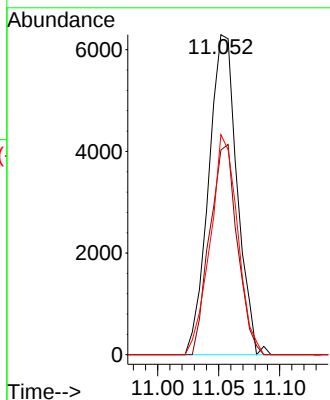
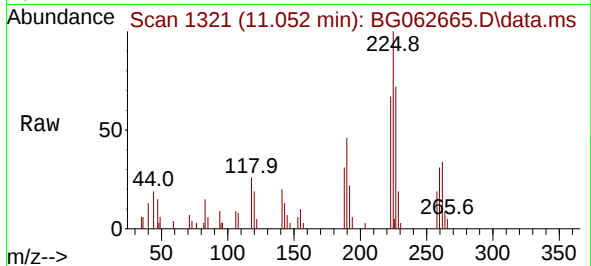




#34
Hexachlorobutadiene
Concen: 3.807 ng
RT: 11.052 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

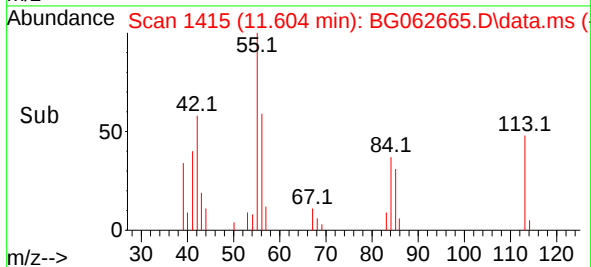
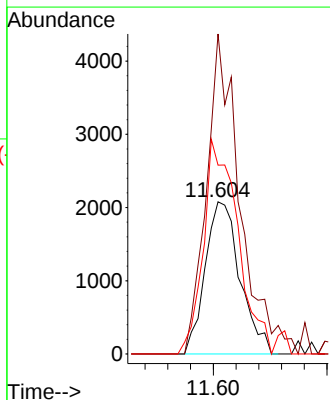
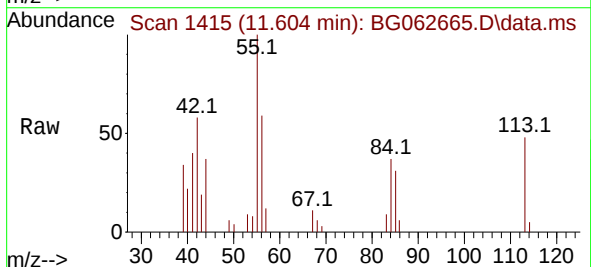
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

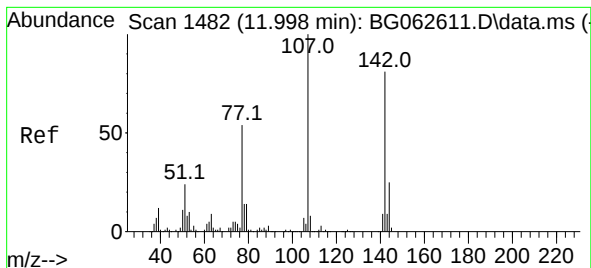
Tgt Ion:	225	Resp:	10245
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.1	75.1
227	68.7	48.9	73.3



#35
Caprolactam
Concen: 3.523 ng
RT: 11.604 min Scan# 1415
Delta R.T. -0.035 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:	113	Resp:	4415
Ion Ratio	Lower	Upper	
113	100		
55	210.3	174.1	214.1
56	124.1	129.8	169.8#

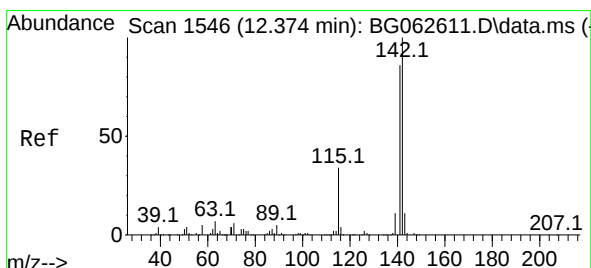
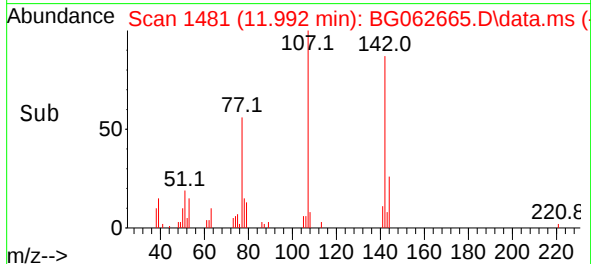
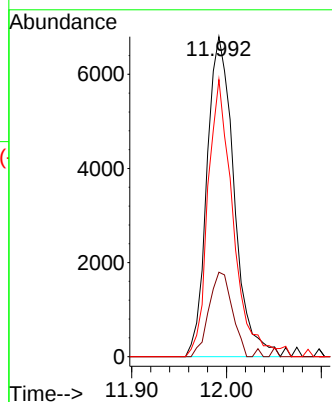
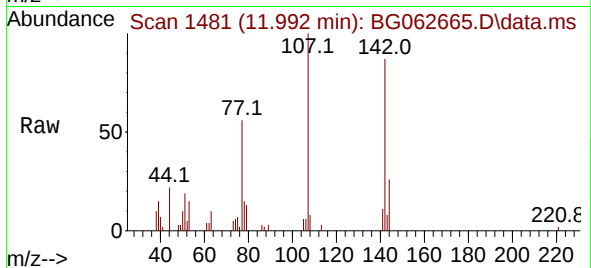




#36
4-Chloro-3-methylphenol
Concen: 3.436 ng
RT: 11.992 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

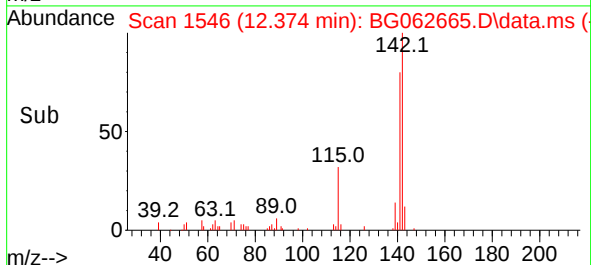
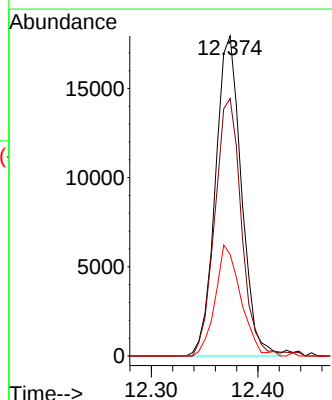
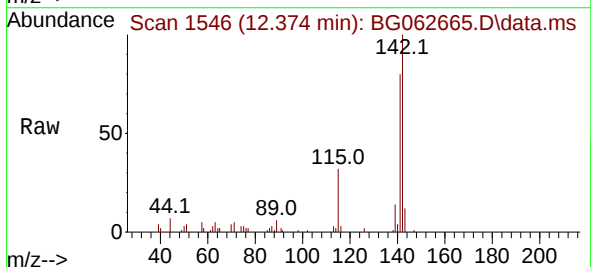
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

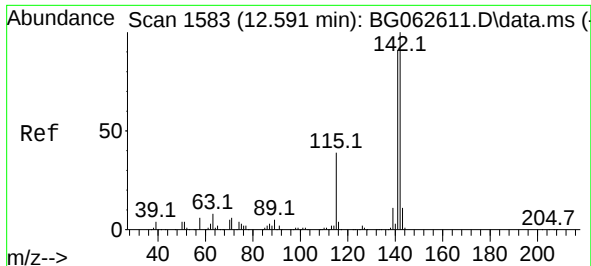
Tgt Ion:107 Resp: 13471
Ion Ratio Lower Upper
107 100
144 26.4 19.8 29.8
142 86.6 64.7 97.1



#37
2-Methylnaphthalene
Concen: 3.709 ng
RT: 12.374 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:142 Resp: 30328
Ion Ratio Lower Upper
142 100
141 80.4 68.9 103.3
115 31.7 27.5 41.3





#38

1-Methylnaphthalene

Concen: 3.694 ng

RT: 12.374 min Scan# 1

Delta R.T. -0.217 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

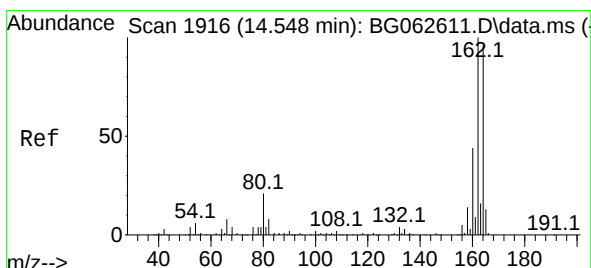
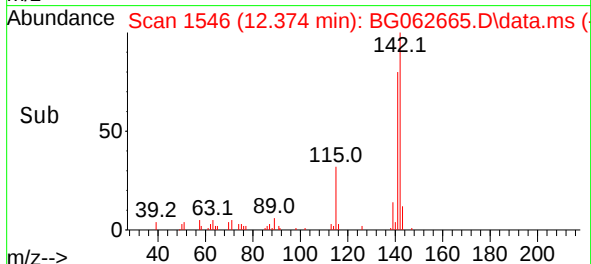
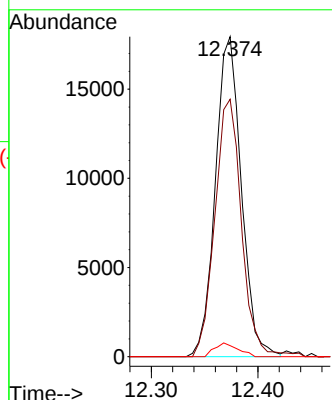
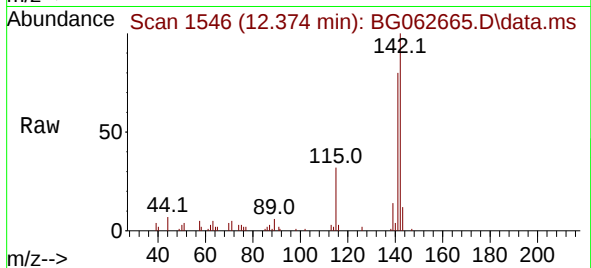
Tgt Ion:142 Resp: 30328

Ion Ratio Lower Upper

142 100

141 80.4 73.0 109.4

116 3.4 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

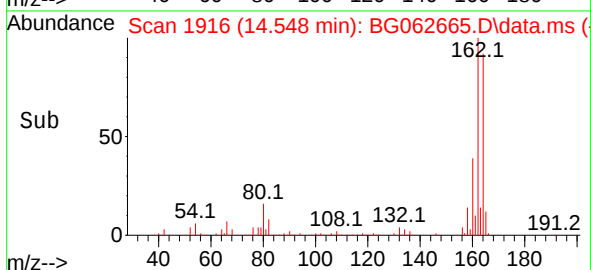
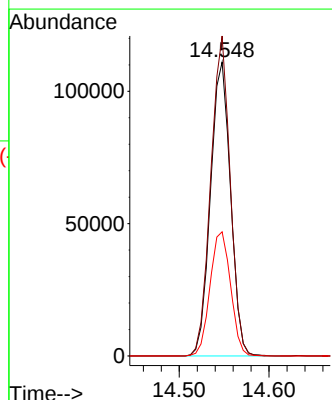
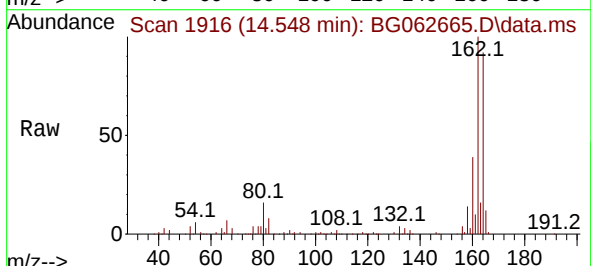
Tgt Ion:164 Resp: 171698

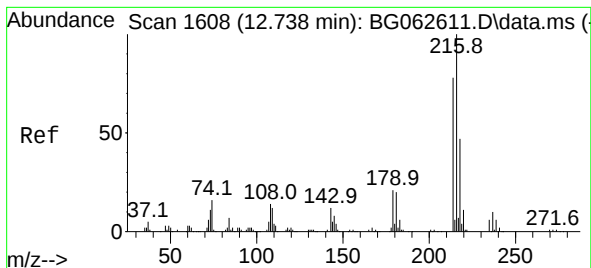
Ion Ratio Lower Upper

164 100

162 108.9 83.1 124.7

160 42.3 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.115 ng

RT: 12.744 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG062665.D

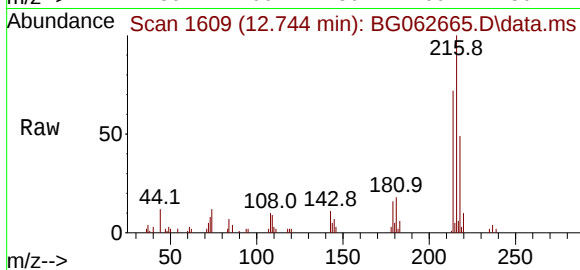
Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion:216 Resp: 21249

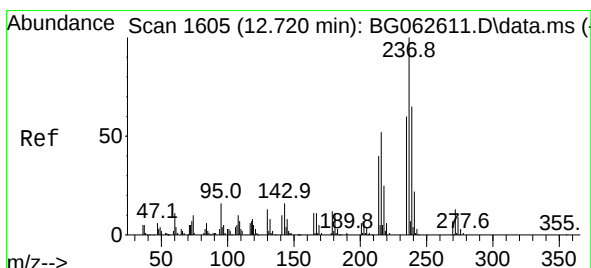
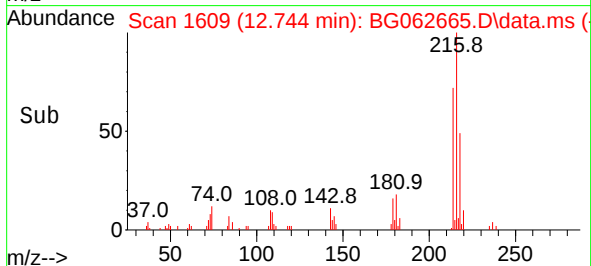
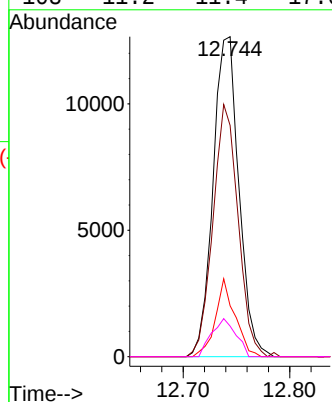
Ion Ratio Lower Upper

216 100

214 76.9 61.6 92.4

179 18.5 15.9 23.9

108 11.2 11.4 17.0#



#41

Hexachlorocyclopentadiene

Concen: 3.645 ng

RT: 12.726 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

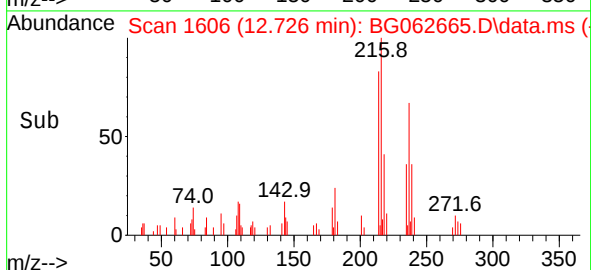
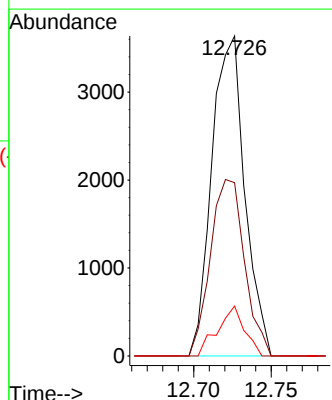
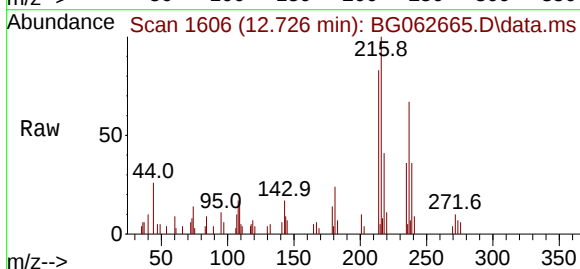
Tgt Ion:237 Resp: 5370

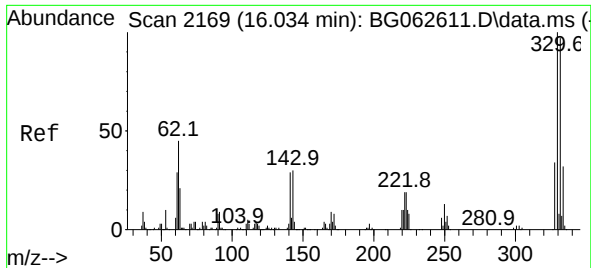
Ion Ratio Lower Upper

237 100

235 54.2 40.4 80.4

272 15.6 0.0 32.7





#42

2,4,6-Tribromophenol

Concen: 137.162 ng

RT: 16.034 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

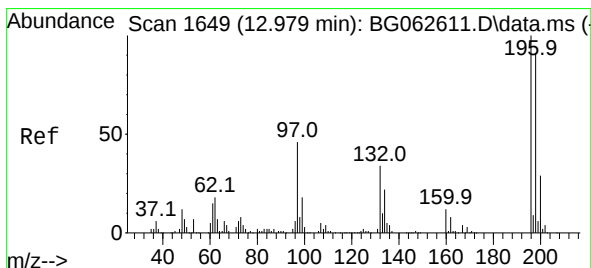
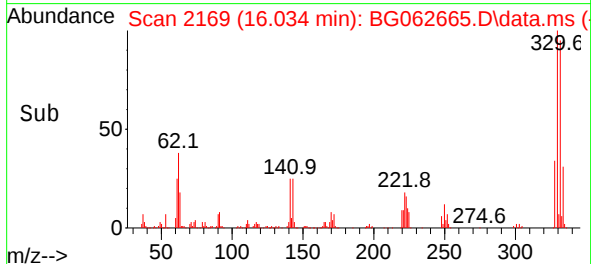
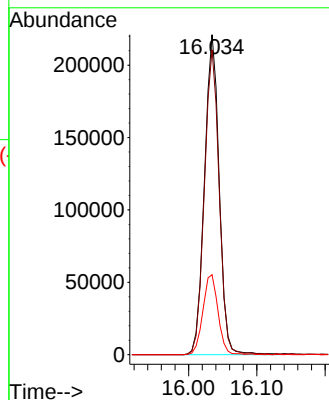
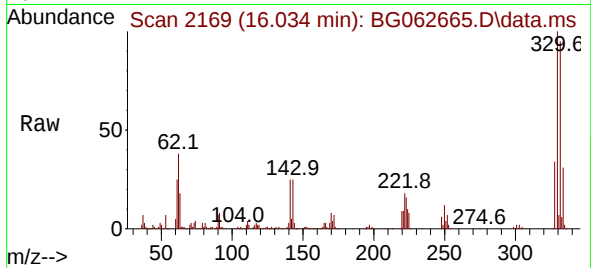
Tgt Ion:330 Resp: 331428

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 25.8 22.2 33.4



#43

2,4,6-Trichlorophenol

Concen: 3.485 ng

RT: 12.985 min Scan# 1650

Delta R.T. 0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

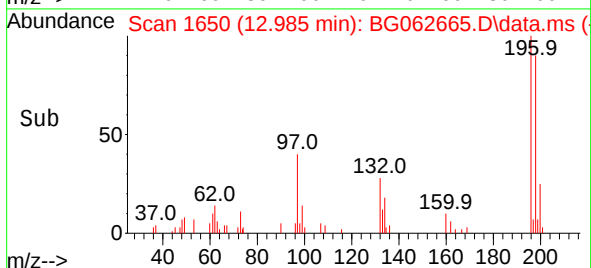
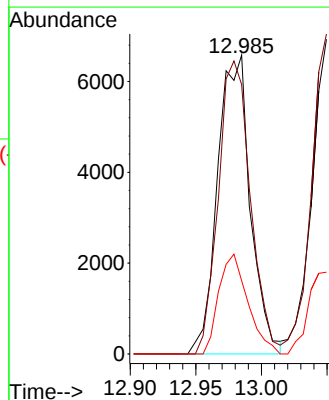
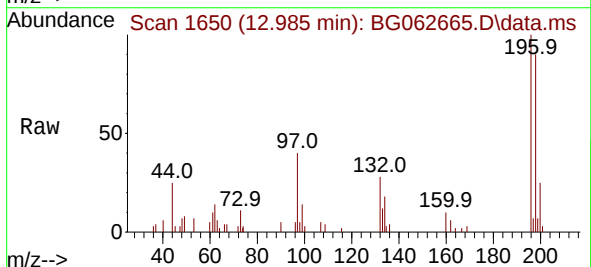
Tgt Ion:196 Resp: 11409

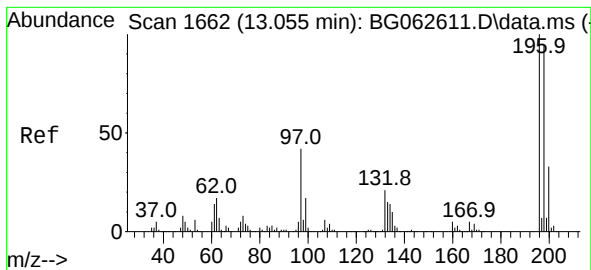
Ion Ratio Lower Upper

196 100

198 90.2 72.8 109.2

200 24.5 23.5 35.3





#44

2,4,5-Trichlorophenol

Concen: 3.465 ng

RT: 13.049 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:196 Resp: 12843

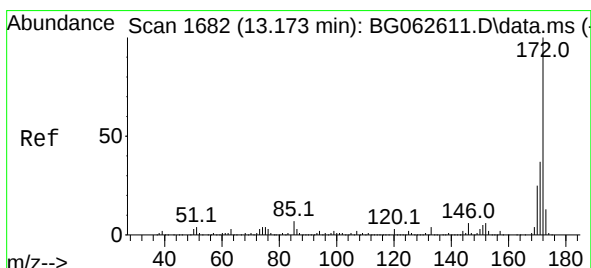
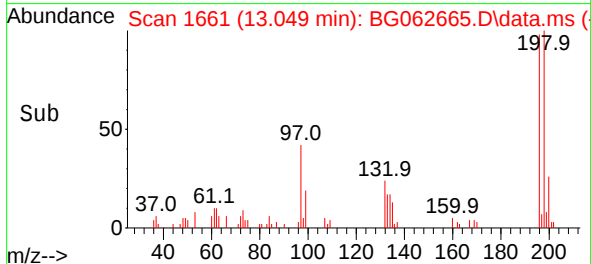
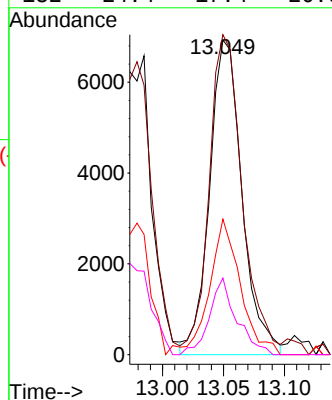
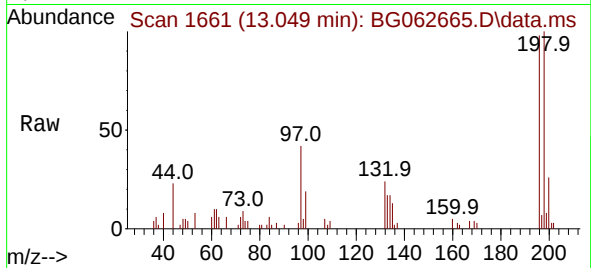
Ion Ratio Lower Upper

196 100

198 101.7 75.5 113.3

97 43.0 34.1 51.1

132 24.4 17.4 26.0



#45

2-Fluorobiphenyl

Concen: 80.888 ng

RT: 13.167 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

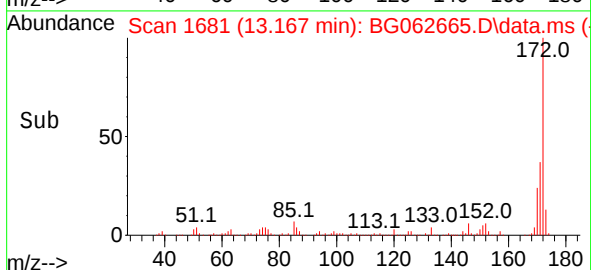
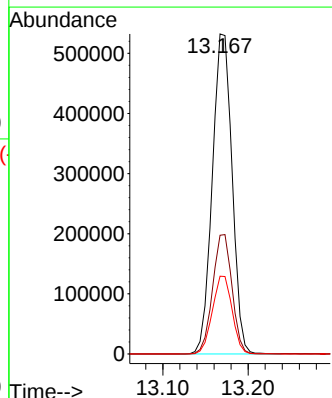
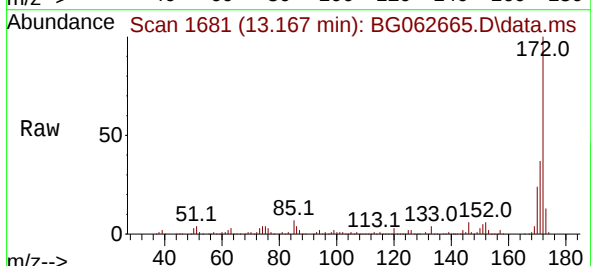
Tgt Ion:172 Resp: 857413

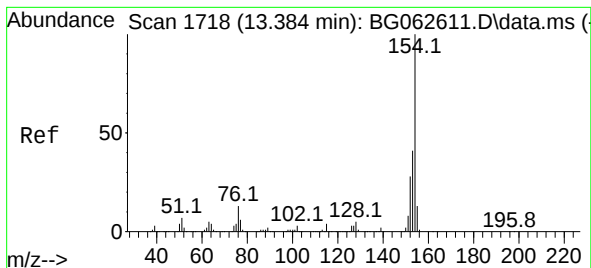
Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.3 20.0 30.0





#46

1,1'-Biphenyl

Concen: 4.042 ng

RT: 13.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

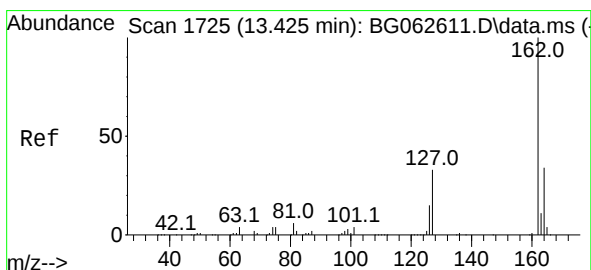
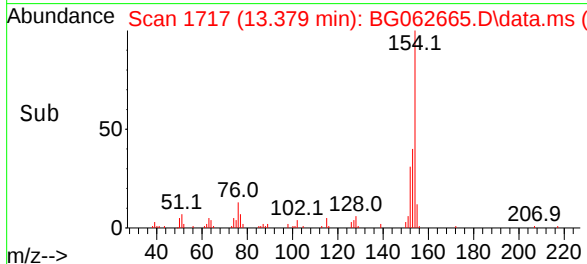
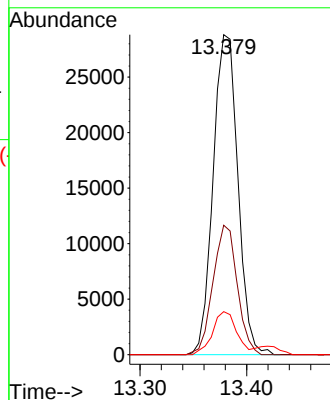
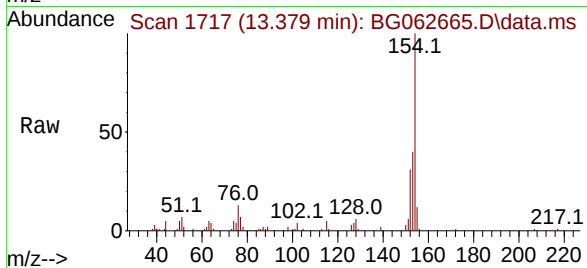
Tgt Ion:154 Resp: 46303

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 13.5 0.0 33.4



#47

2-Chloronaphthalene

Concen: 3.880 ng

RT: 13.420 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

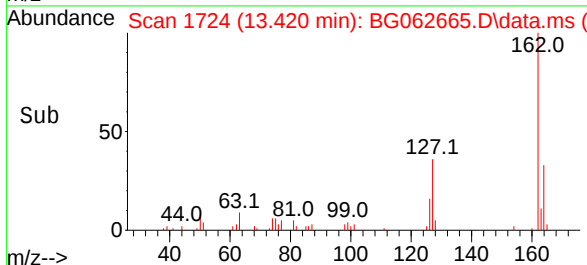
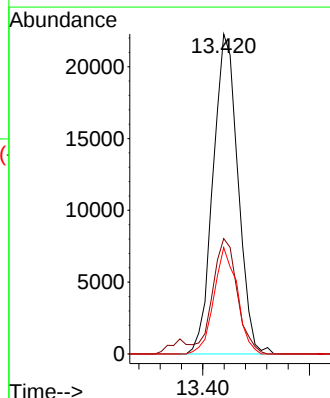
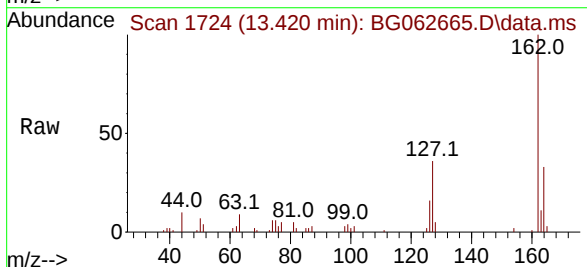
Tgt Ion:162 Resp: 36016

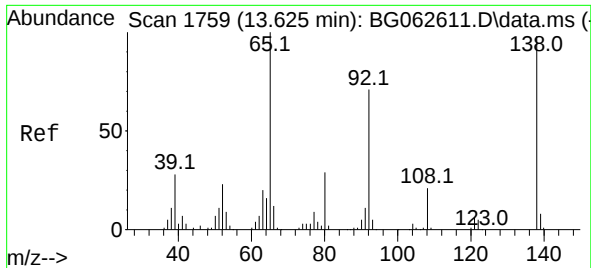
Ion Ratio Lower Upper

162 100

127 36.1 28.7 43.1

164 33.3 26.9 40.3

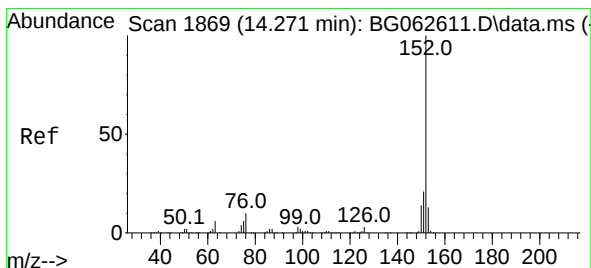
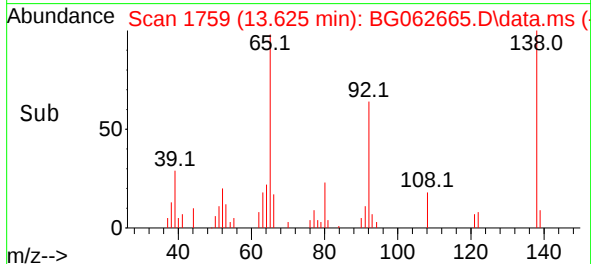
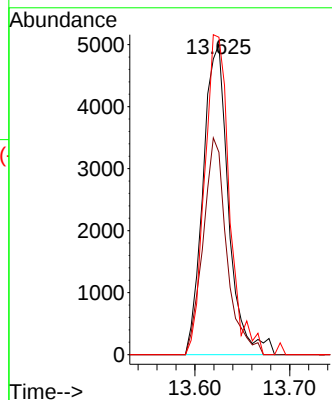
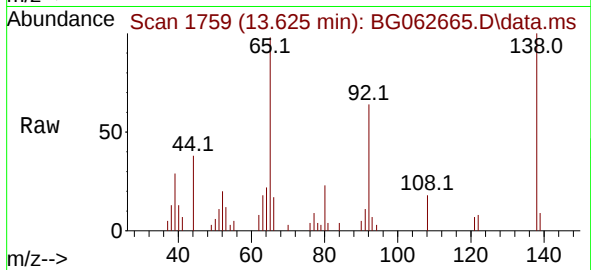




#48
2-Nitroaniline
Concen: 3.815 ng
RT: 13.625 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

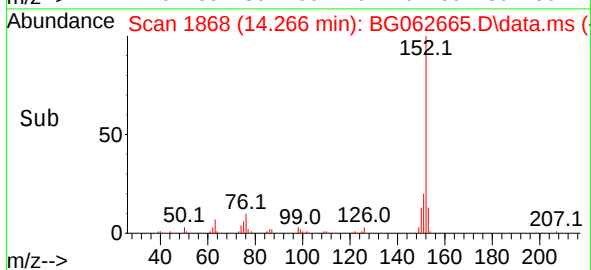
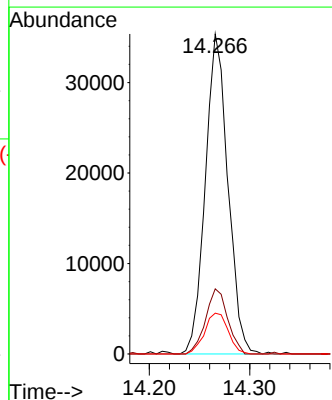
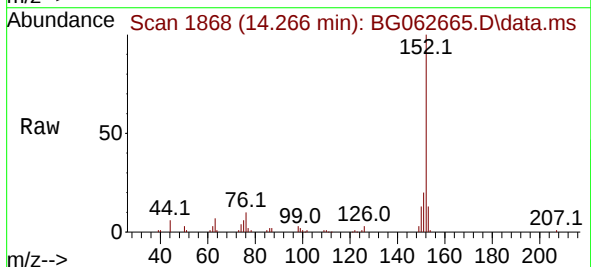
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

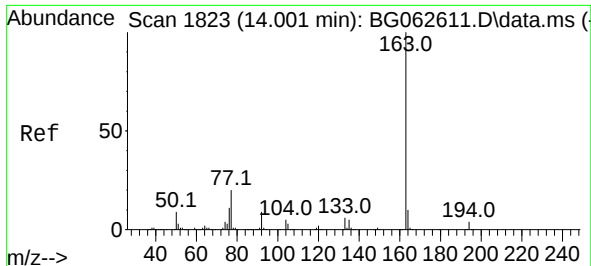
Tgt Ion: 65 Resp: 9316
Ion Ratio Lower Upper
65 100
92 65.2 56.6 84.8
138 102.3 78.7 118.1



#49
Acenaphthylene
Concen: 4.033 ng
RT: 14.266 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:152 Resp: 55450
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 12.8 10.2 15.4





#50

Dimethylphthalate

Concen: 3.817 ng

RT: 13.995 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

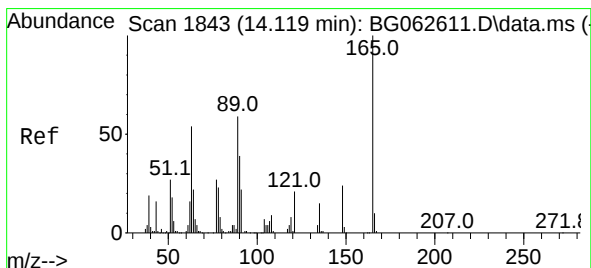
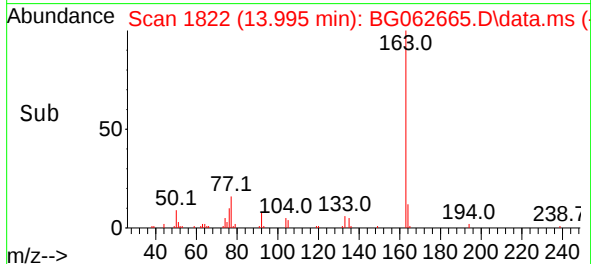
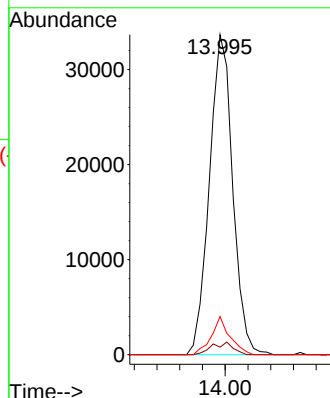
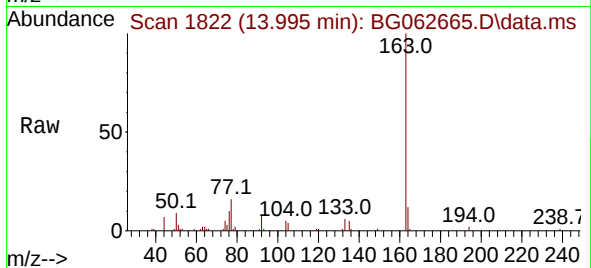
Tgt Ion:163 Resp: 47920

Ion Ratio Lower Upper

163 100

194 2.3 2.9 4.3#

164 11.9 8.3 12.5



#51

2,6-Dinitrotoluene

Concen: 3.197 ng

RT: 14.119 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

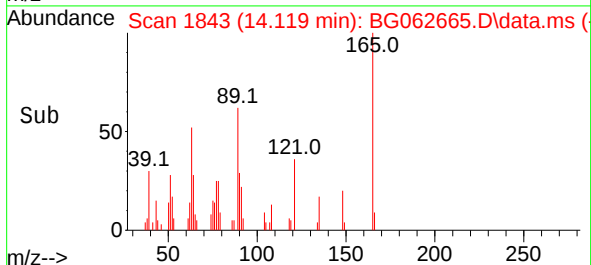
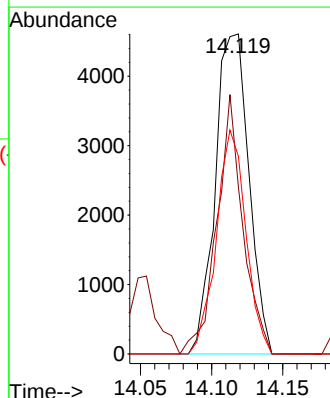
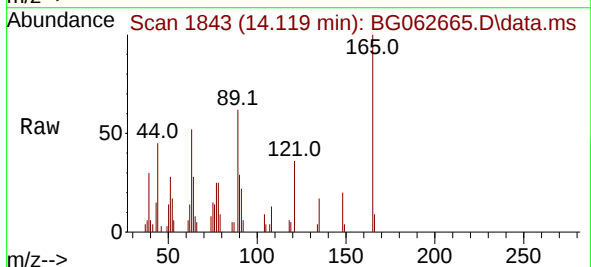
Tgt Ion:165 Resp: 7591

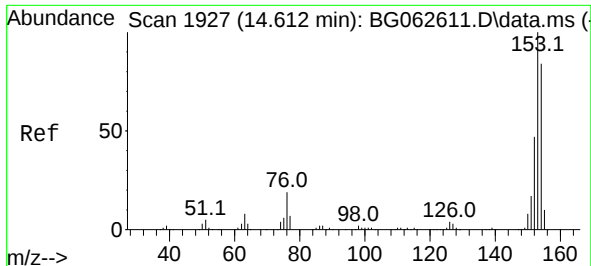
Ion Ratio Lower Upper

165 100

63 52.1 46.6 69.8

89 61.8 47.2 70.8

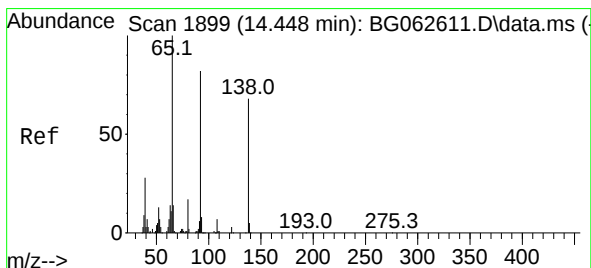
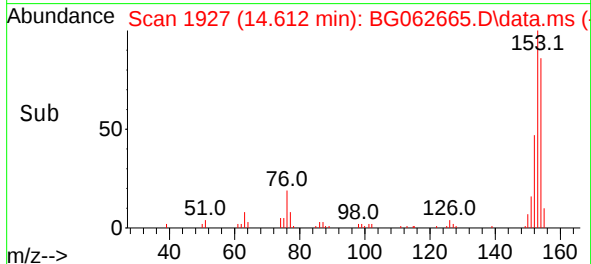
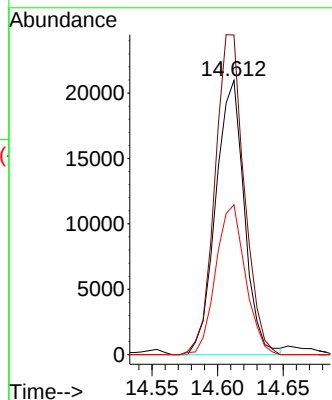
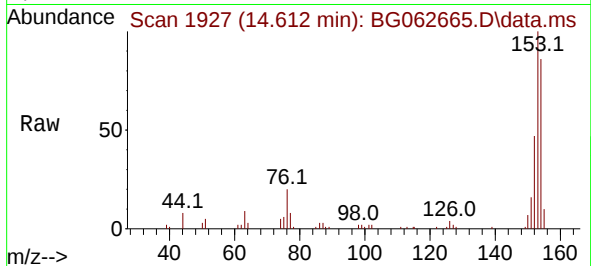




#52
Acenaphthene
Concen: 3.696 ng
RT: 14.612 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

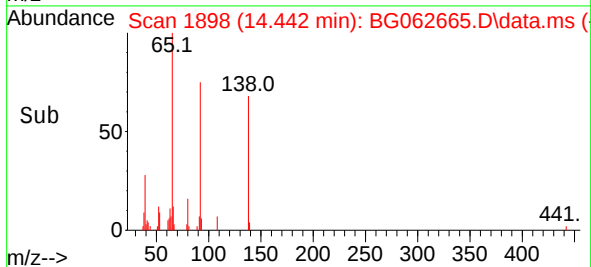
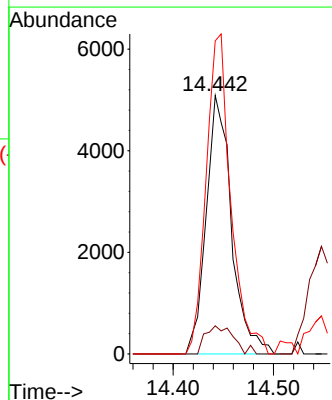
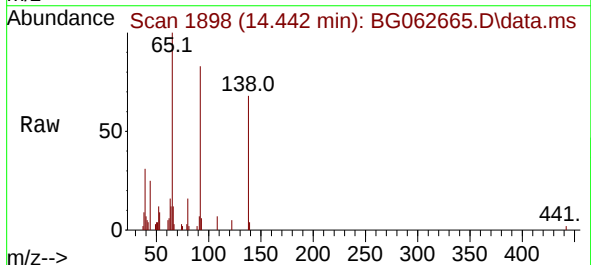
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

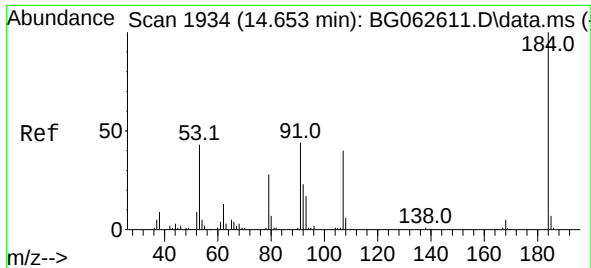
Tgt Ion:154 Resp: 31767
Ion Ratio Lower Upper
154 100
153 116.6 95.0 142.4
152 54.7 45.0 67.6



#53
3-Nitroaniline
Concen: 3.888 ng
RT: 14.442 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:138 Resp: 8933
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 121.2 95.7 143.5

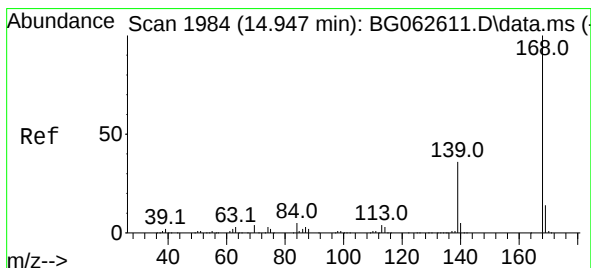
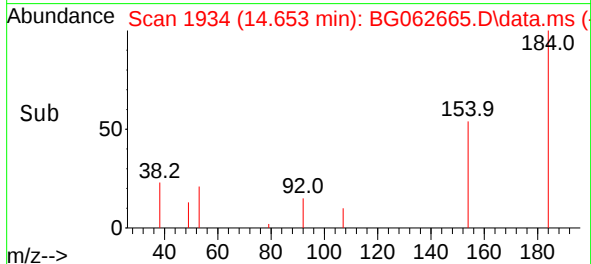
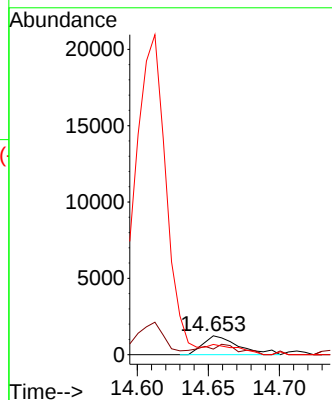
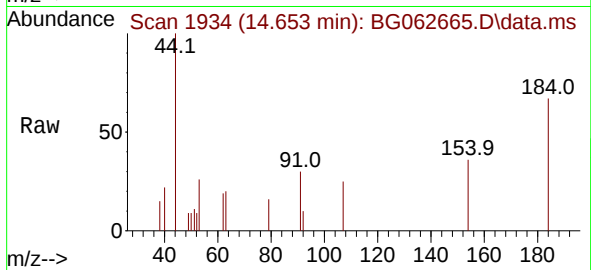




#54
2,4-Dinitrophenol
Concen: 1.610 ng
RT: 14.653 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

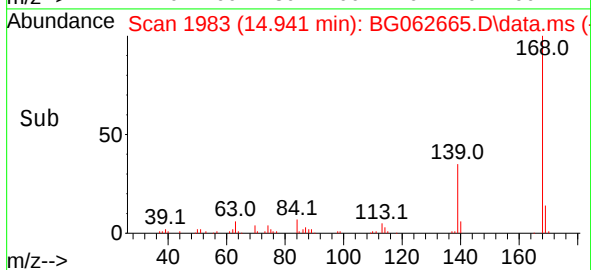
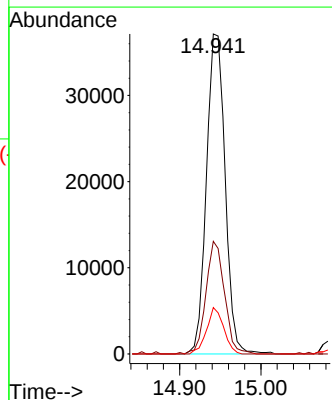
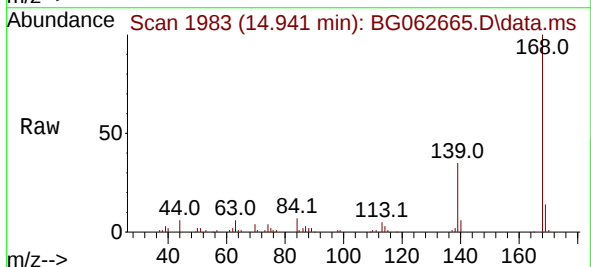
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

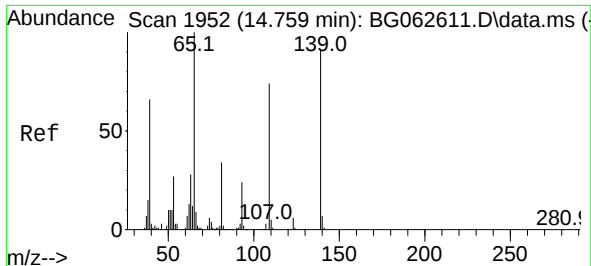
Tgt Ion:184 Resp: 2145
Ion Ratio Lower Upper
184 100
63 29.6 49.0 73.4#
154 53.7 50.5 75.7



#55
Dibenzofuran
Concen: 4.022 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:168 Resp: 59276
Ion Ratio Lower Upper
168 100
139 35.2 28.6 42.8
169 14.5 11.0 16.6





#56

4-Nitrophenol

Concen: 3.305 ng

RT: 14.759 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

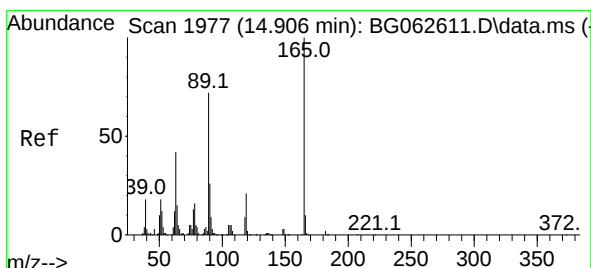
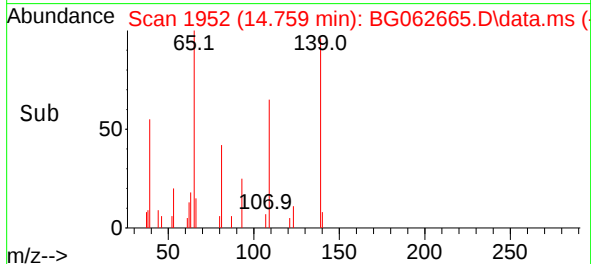
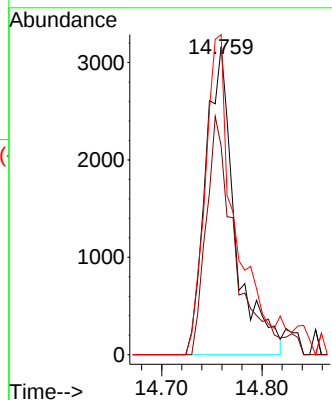
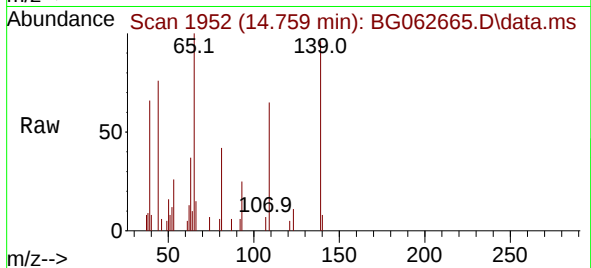
Tgt Ion:139 Resp: 6436

Ion Ratio Lower Upper

139 100

109 67.6 61.2 101.2

65 103.8 90.2 130.2



#57

2,4-Dinitrotoluene

Concen: 3.695 ng

RT: 14.906 min Scan# 1977

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Tgt Ion:165 Resp: 11973

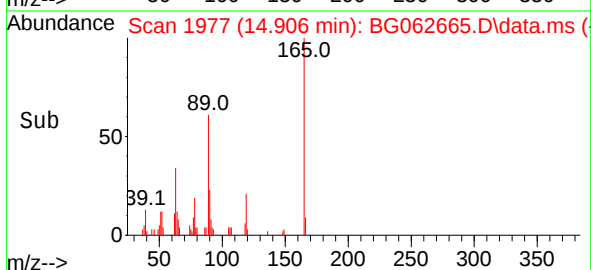
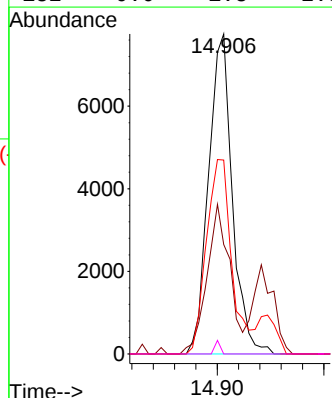
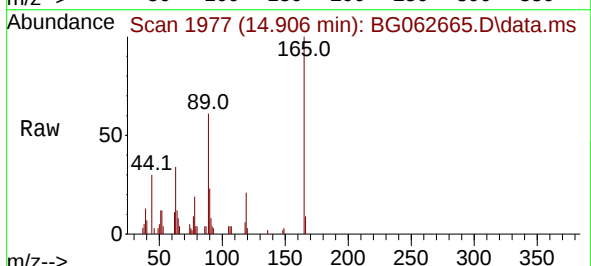
Ion Ratio Lower Upper

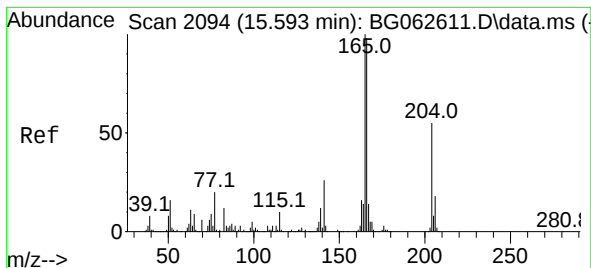
165 100

63 34.2 33.8 50.6

89 60.6 57.9 86.9

182 0.0 1.8 2.8#





#58

Fluorene

Concen: 3.932 ng

RT: 15.594 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

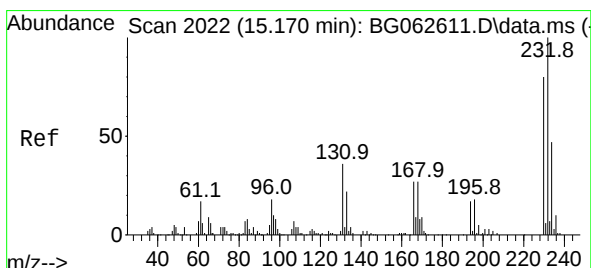
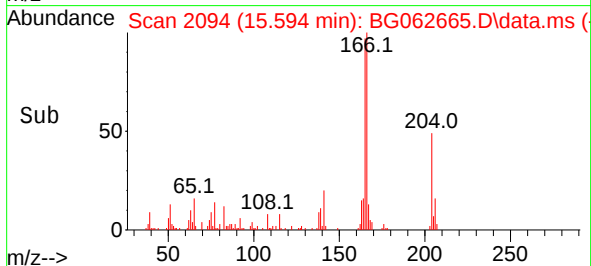
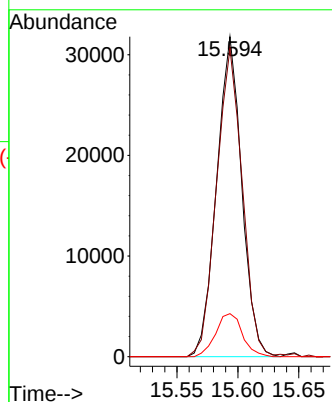
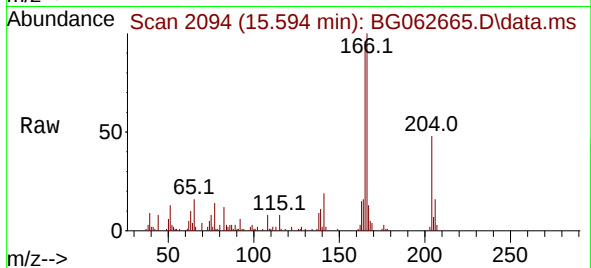
Tgt Ion:166 Resp: 45481

Ion Ratio Lower Upper

166 100

165 96.4 82.0 123.0

167 13.4 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.045 ng

RT: 15.171 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Tgt Ion:232 Resp: 14204

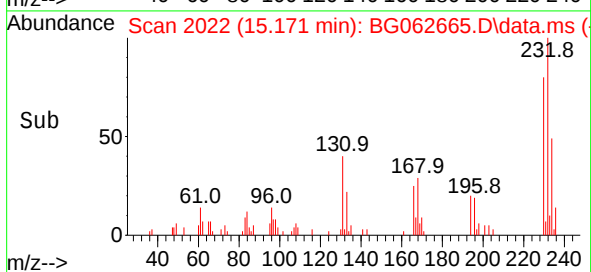
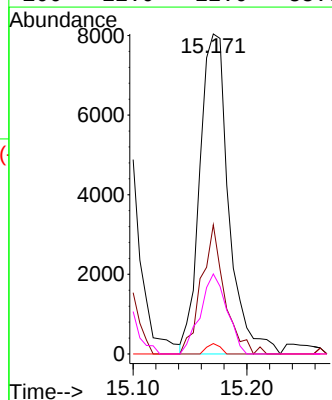
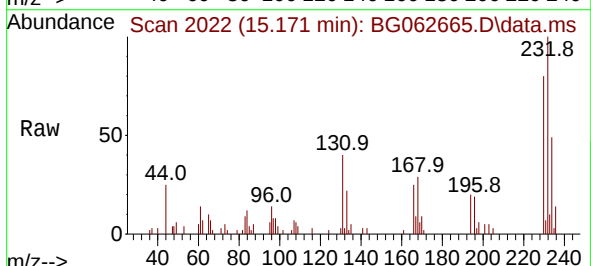
Ion Ratio Lower Upper

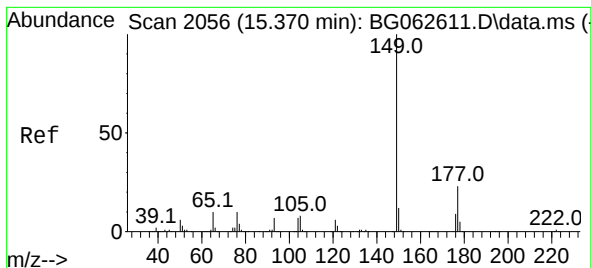
232 100

131 32.5 28.3 42.5

130 1.5 1.7 2.5#

166 22.9 22.0 33.0





#60

Diethylphthalate

Concen: 3.865 ng

RT: 15.364 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

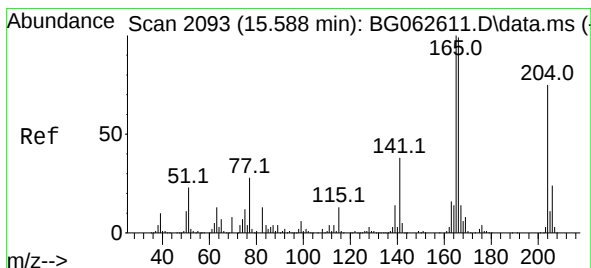
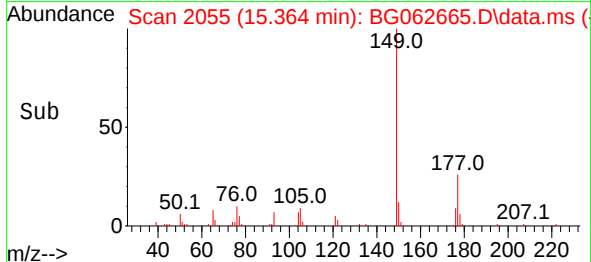
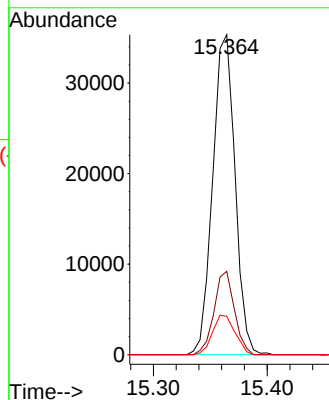
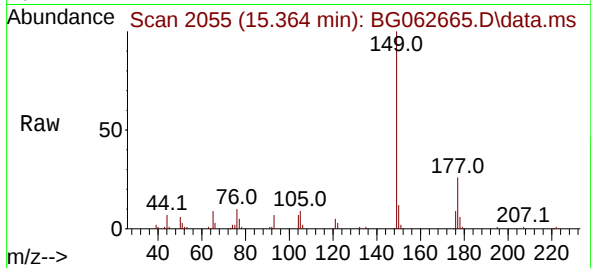
Tgt Ion:149 Resp: 48101

Ion Ratio Lower Upper

149 100

177 26.1 18.0 27.0

150 11.9 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 4.086 ng

RT: 15.588 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

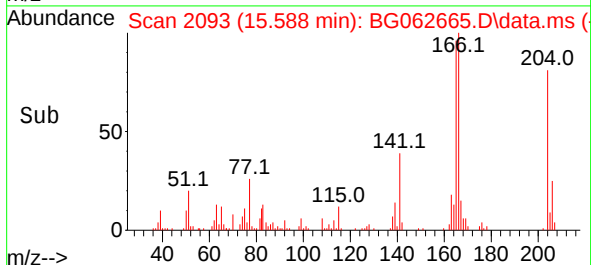
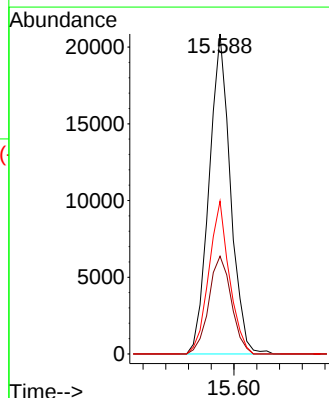
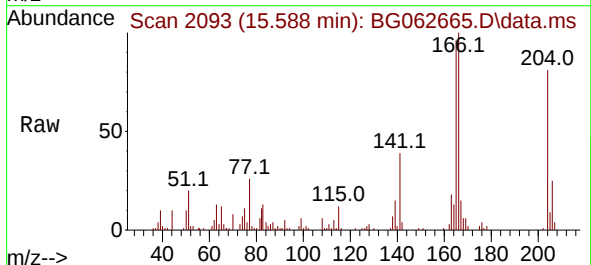
Tgt Ion:204 Resp: 27135

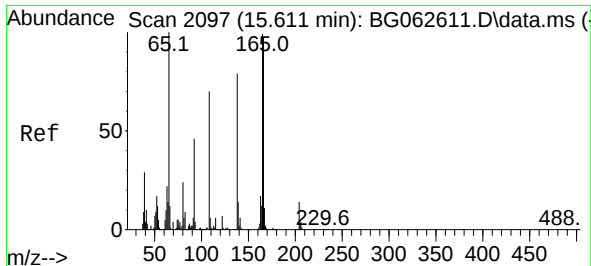
Ion Ratio Lower Upper

204 100

206 30.5 25.9 38.9

141 47.7 41.0 61.6





#62

4-Nitroaniline

Concen: 3.547 ng

RT: 15.605 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

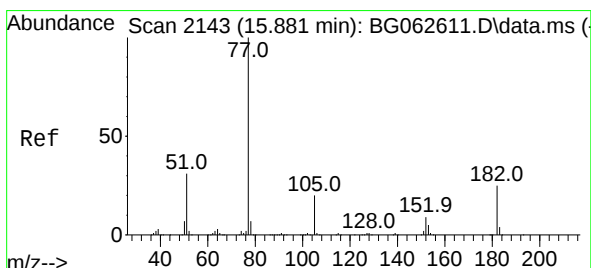
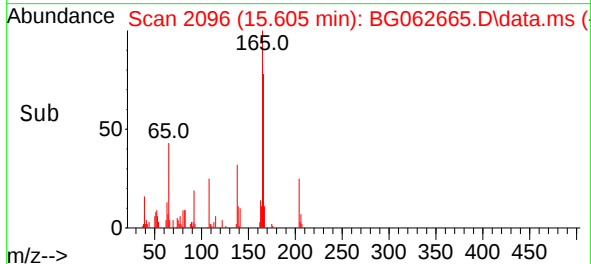
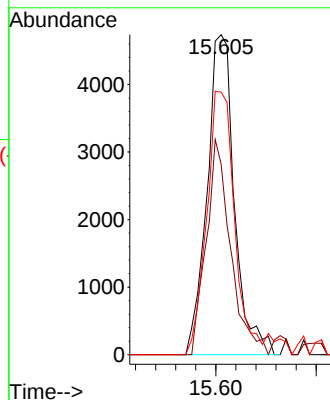
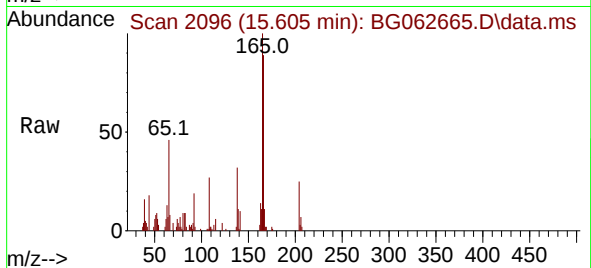
Tgt Ion:138 Resp: 8987

Ion Ratio Lower Upper

138 100

92 59.6 38.4 78.4

108 82.0 69.0 109.0



#63

Azobenzene

Concen: 3.710 ng

RT: 15.876 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Tgt Ion: 77 Resp: 43348

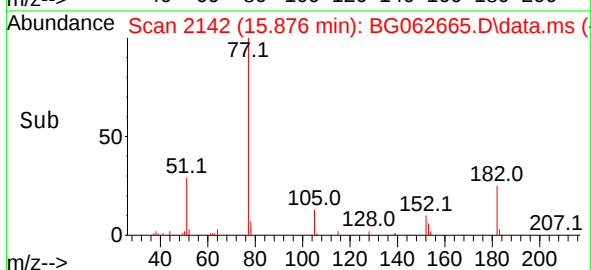
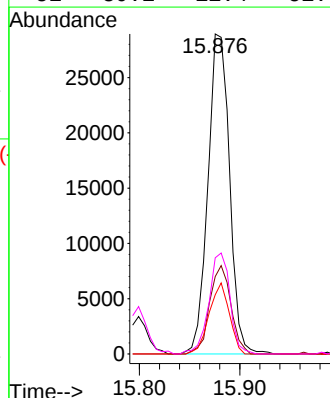
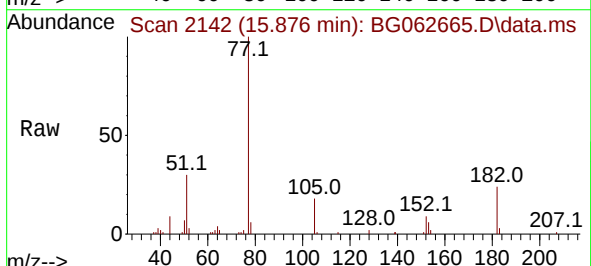
Ion Ratio Lower Upper

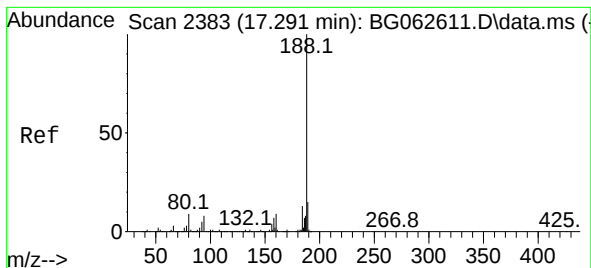
77 100

182 24.2 5.0 45.0

105 18.5 0.5 40.5

51 30.1 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

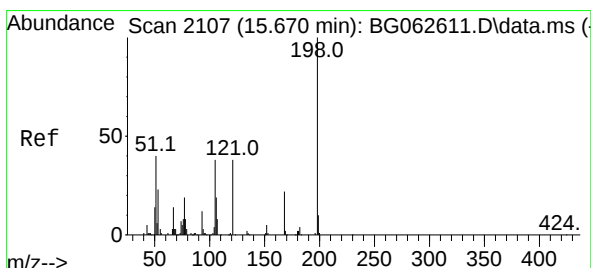
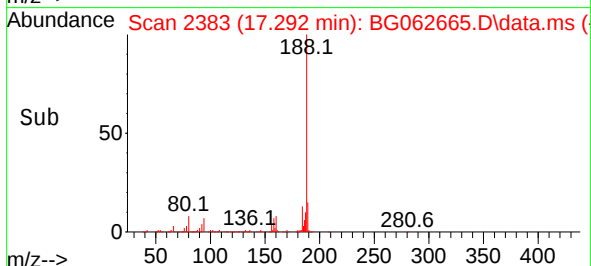
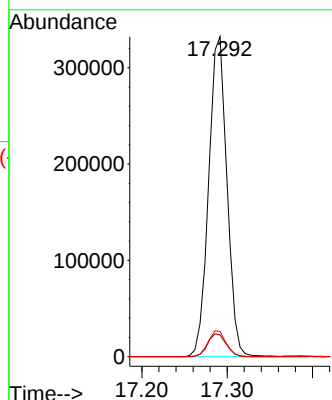
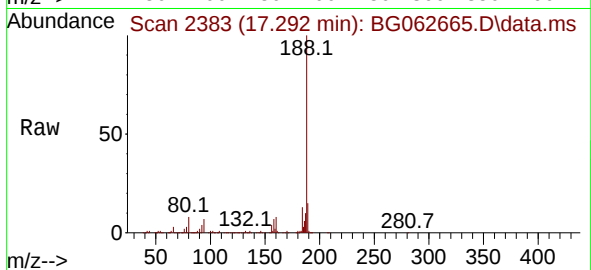
Tgt Ion:188 Resp: 495110

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

80 7.9 7.0 10.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.684 ng

RT: 15.670 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

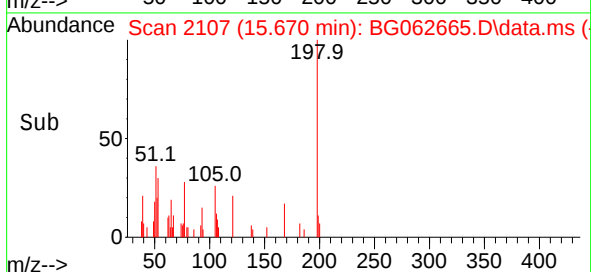
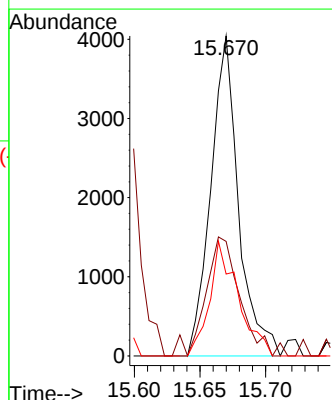
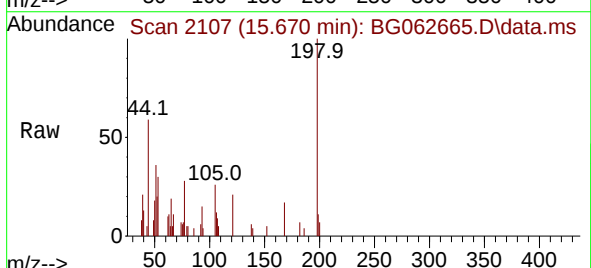
Tgt Ion:198 Resp: 5930

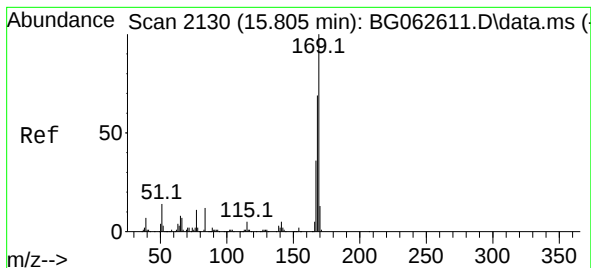
Ion Ratio Lower Upper

198 100

51 35.8 25.1 65.1

105 25.6 18.3 58.3





#66

n-Nitrosodiphenylamine

Concen: 3.614 ng

RT: 15.799 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

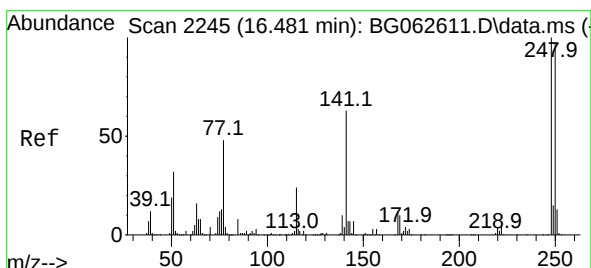
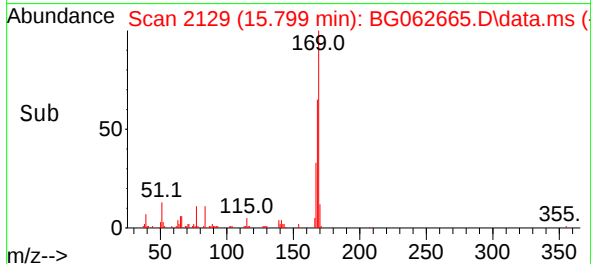
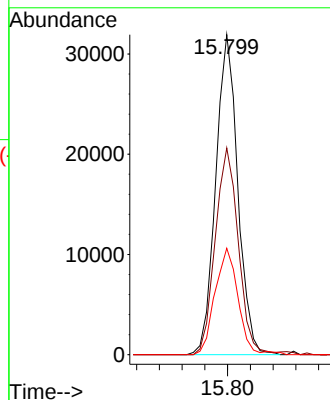
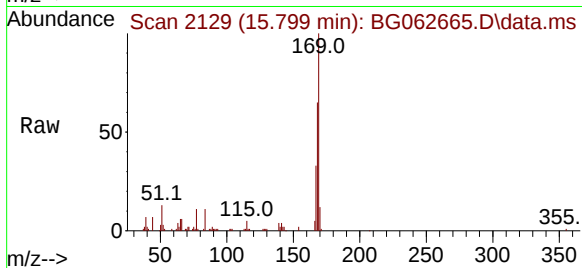
Tgt Ion:169 Resp: 43019

Ion Ratio Lower Upper

169 100

168 64.6 55.4 83.2

167 33.3 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 3.751 ng

RT: 16.481 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

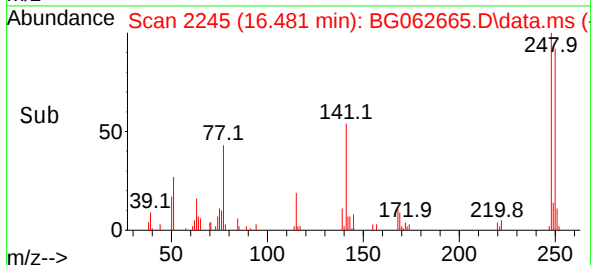
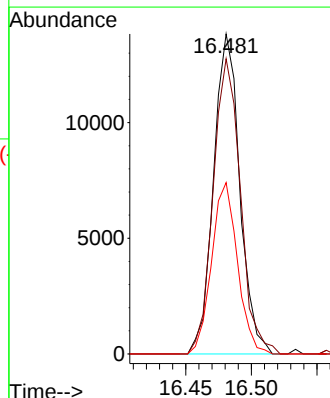
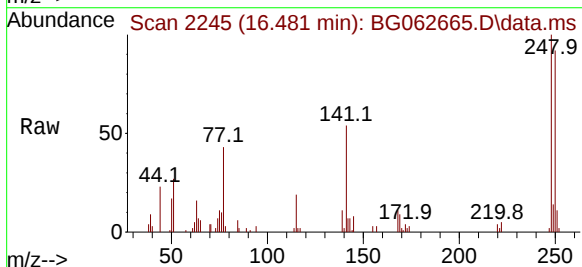
Tgt Ion:248 Resp: 19169

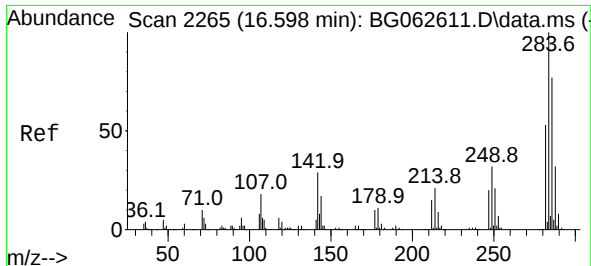
Ion Ratio Lower Upper

248 100

250 92.2 77.9 116.9

141 53.6 50.2 75.2

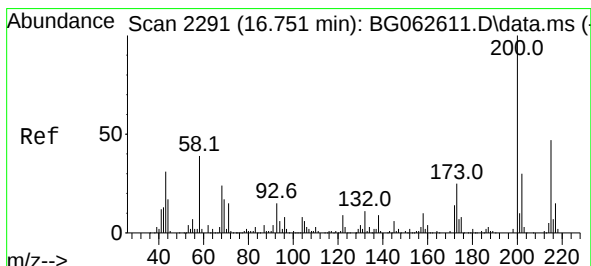
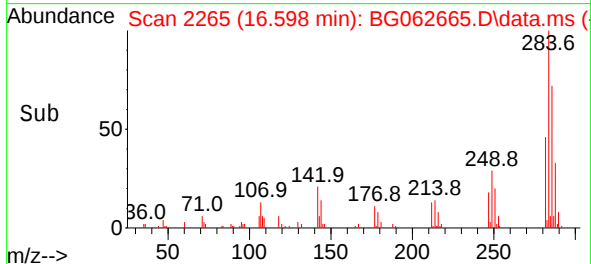
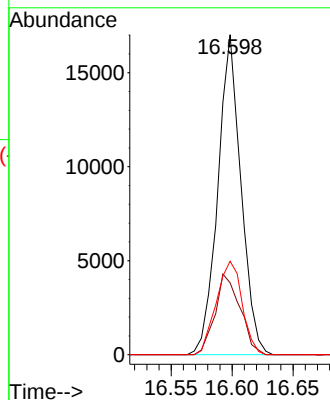
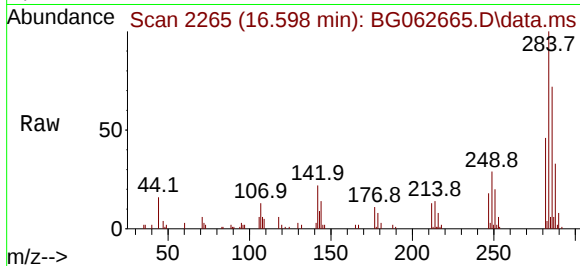




#68
Hexachlorobenzene
Concen: 3.719 ng
RT: 16.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

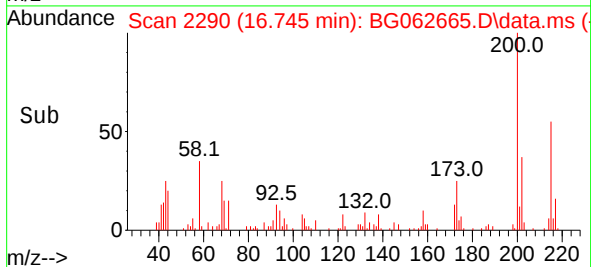
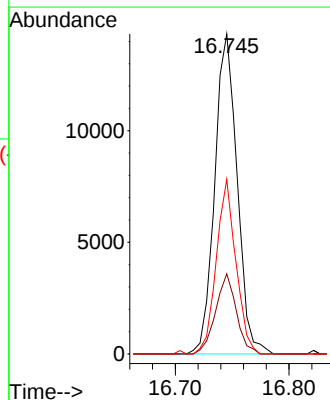
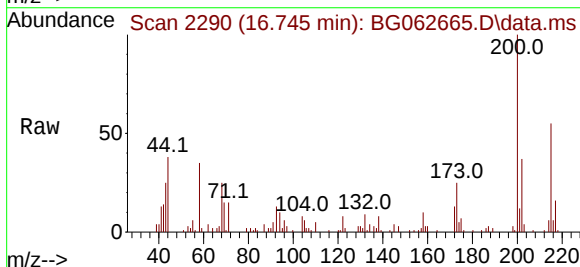
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

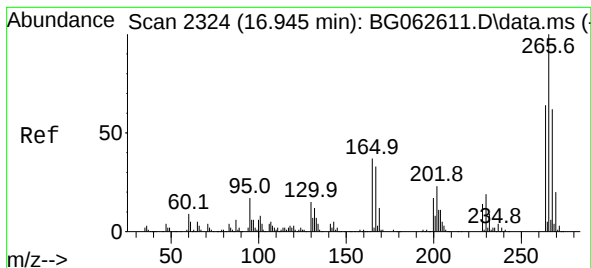
Tgt Ion:284 Resp: 22505
Ion Ratio Lower Upper
284 100
142 22.4 23.5 35.3#
249 30.9 25.4 38.0



#69
Atrazine
Concen: 4.850 ng
RT: 16.745 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:200 Resp: 19608
Ion Ratio Lower Upper
200 100
173 25.1 5.2 45.2
215 54.5 27.3 67.3





#70

Pentachlorophenol

Concen: 2.213 ng

RT: 16.945 min Scan# 2324

Delta R.T. -0.000 min

Lab File: BG062665.D

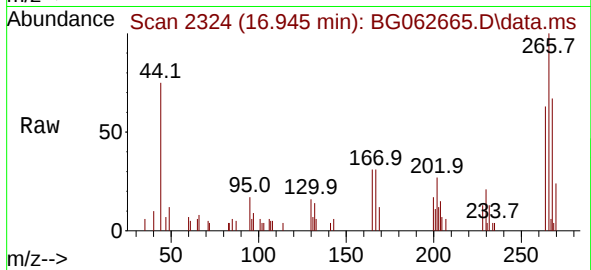
Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024



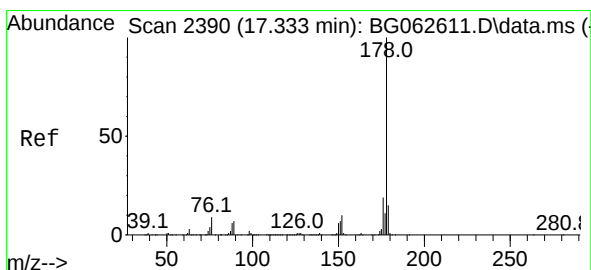
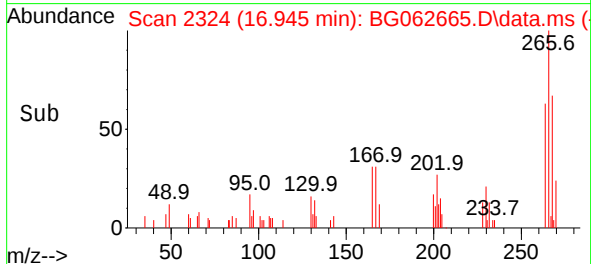
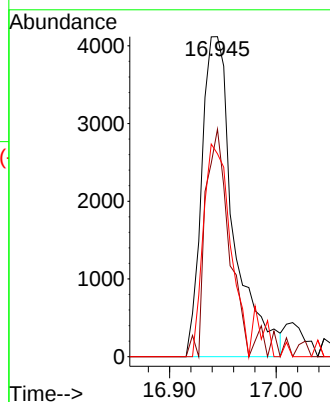
Tgt Ion:266 Resp: 8578

Ion Ratio Lower Upper

266 100

268 71.1 52.6 79.0

264 63.4 51.6 77.4



#71

Phenanthrene

Concen: 3.970 ng

RT: 17.333 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

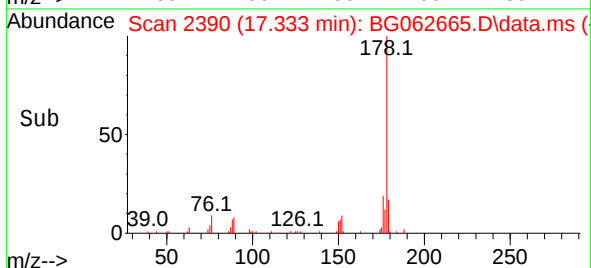
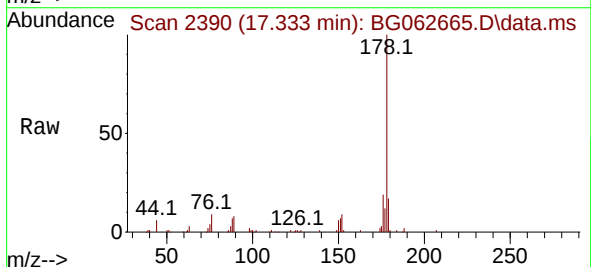
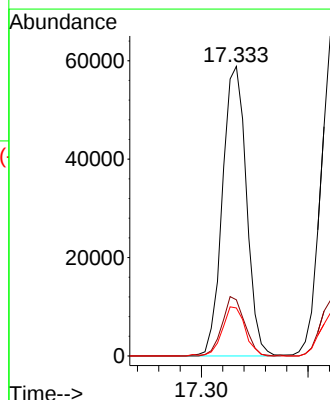
Tgt Ion:178 Resp: 91755

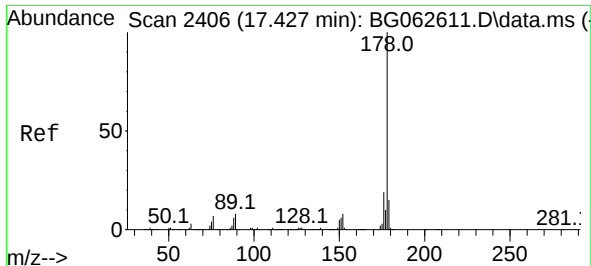
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.6 12.2 18.4

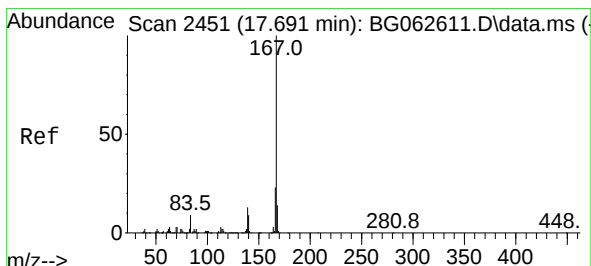
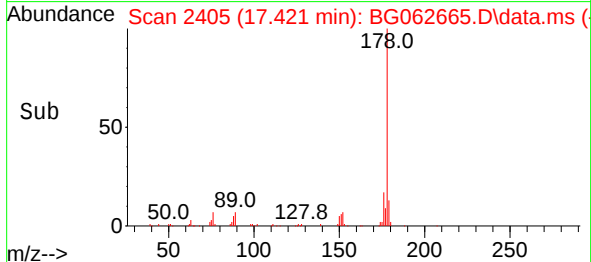
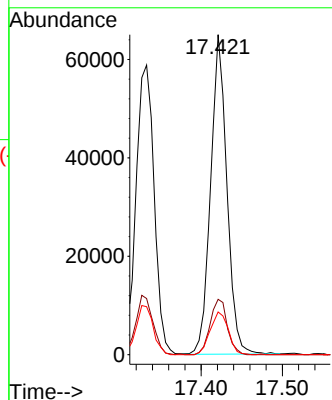
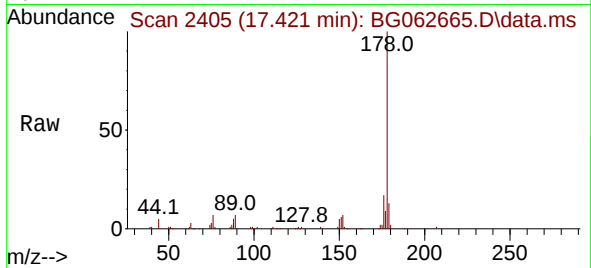




#72
 Anthracene
 Concen: 3.969 ng
 RT: 17.421 min Scan# 2405
 Delta R.T. -0.006 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

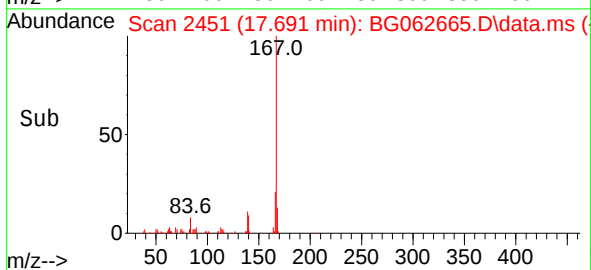
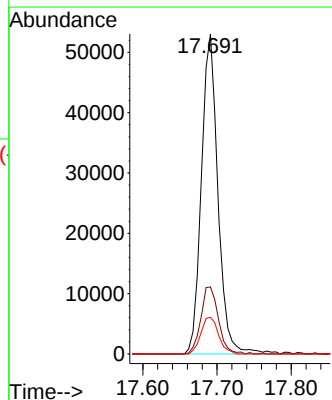
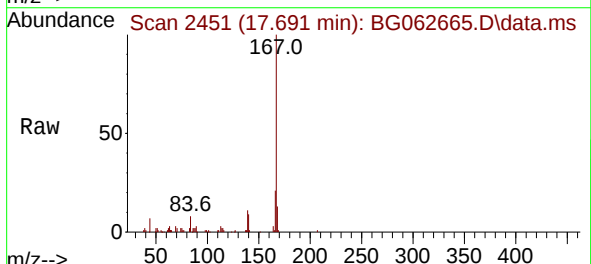
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

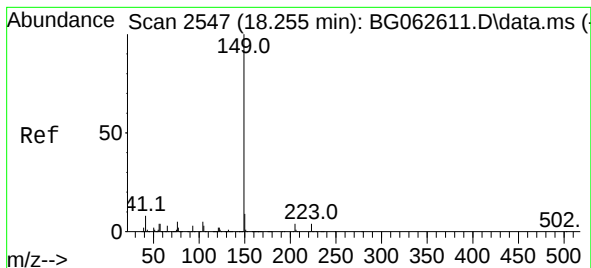
Tgt Ion:178 Resp: 90193
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.2 22.8
 179 13.3 12.0 18.0



#73
 Carbazole
 Concen: 3.944 ng
 RT: 17.691 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

Tgt Ion:167 Resp: 82390
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.2 27.2
 139 11.4 10.1 15.1





#74

Di-n-butylphthalate

Concen: 3.711 ng

RT: 18.255 min Scan# 2547

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

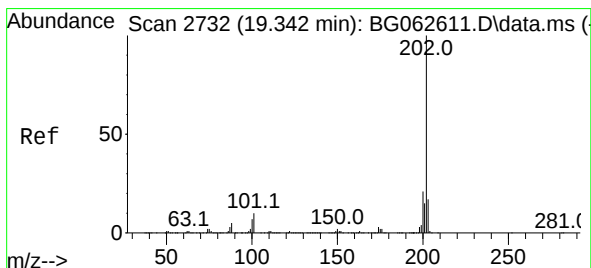
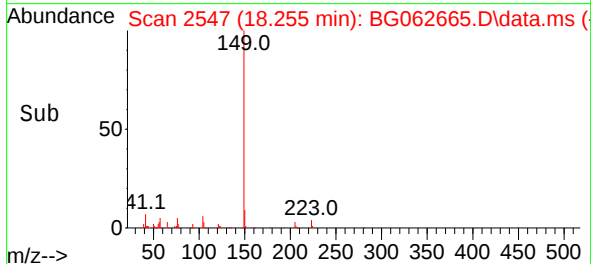
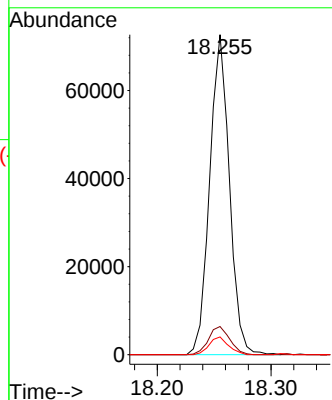
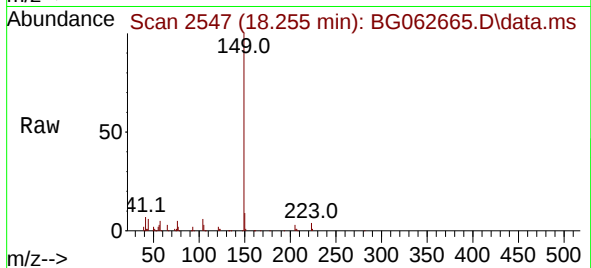
Tgt Ion:149 Resp: 87428

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.6 4.2 6.2



#75

Fluoranthene

Concen: 4.207 ng

RT: 19.342 min Scan# 2732

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

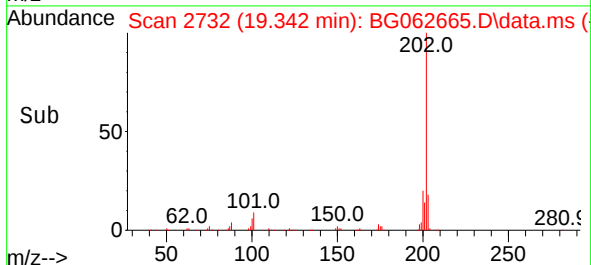
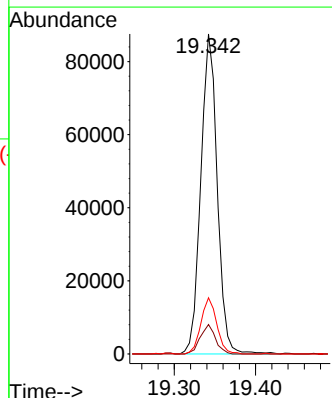
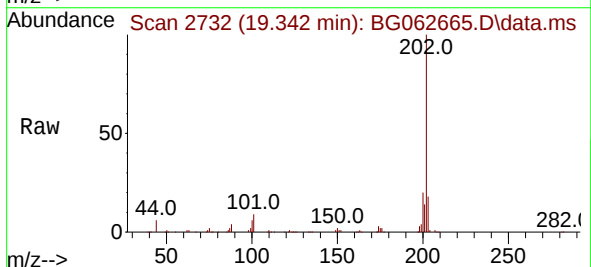
Tgt Ion:202 Resp: 122974

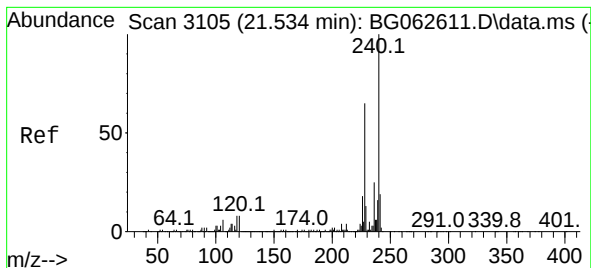
Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.6

203 17.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.534 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

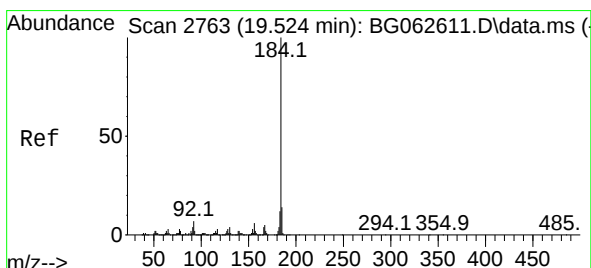
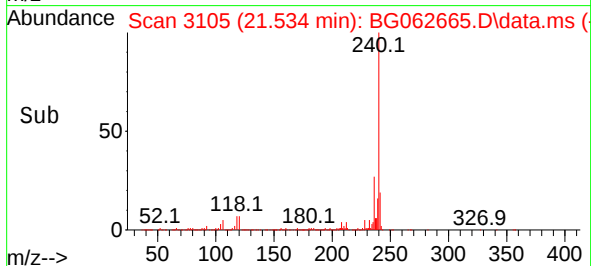
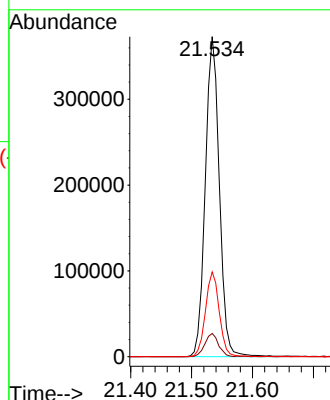
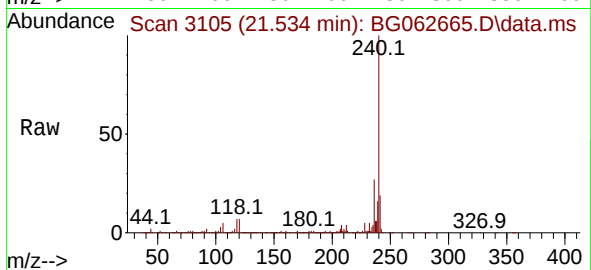
Tgt Ion:240 Resp: 597365

Ion Ratio Lower Upper

240 100

120 7.3 6.6 9.8

236 26.5 20.2 30.4



#77

Benzidine

Concen: 4.495 ng

RT: 19.524 min Scan# 2763

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

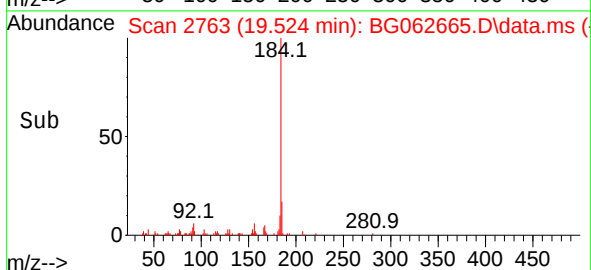
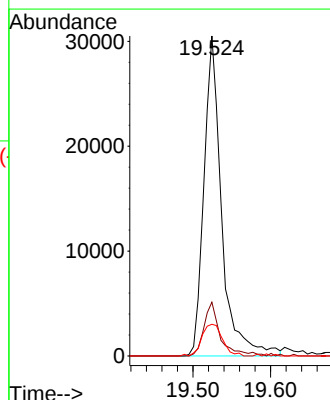
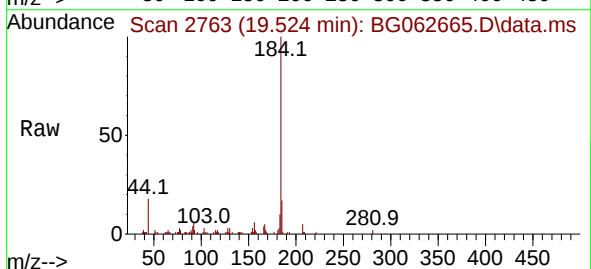
Tgt Ion:184 Resp: 48399

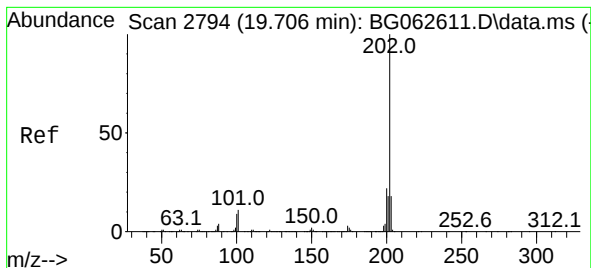
Ion Ratio Lower Upper

184 100

185 16.8 11.0 16.6#

183 9.9 9.7 14.5





#78

Pyrene

Concen: 3.487 ng

RT: 19.706 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

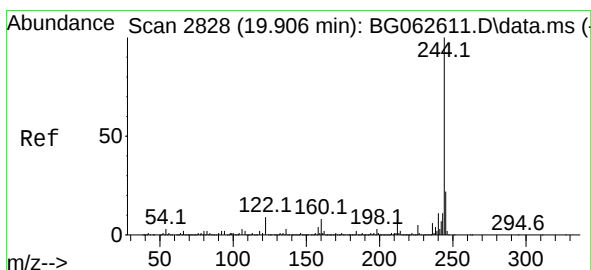
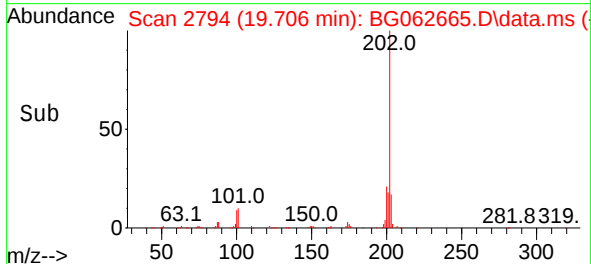
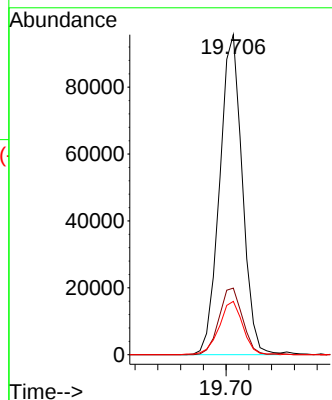
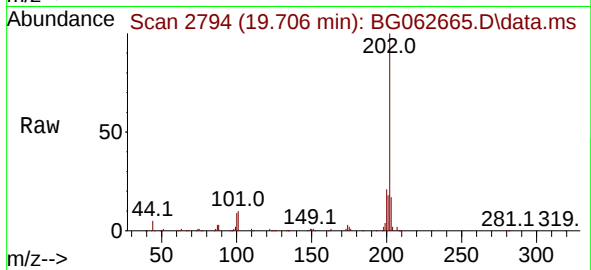
Tgt Ion:202 Resp: 132402

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

203 16.7 14.1 21.1



#79

Terphenyl-d14

Concen: 68.885 ng

RT: 19.906 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

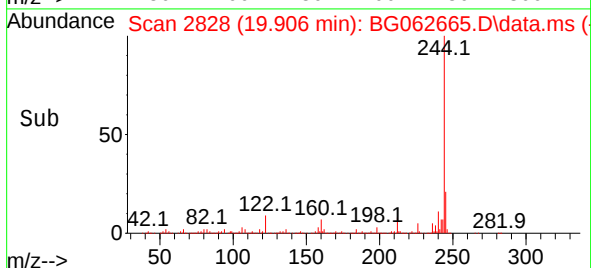
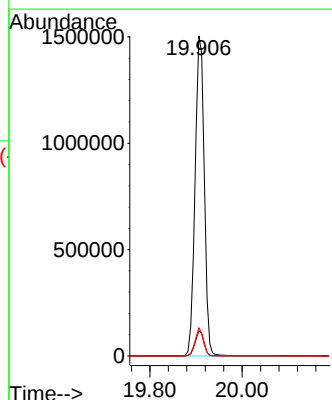
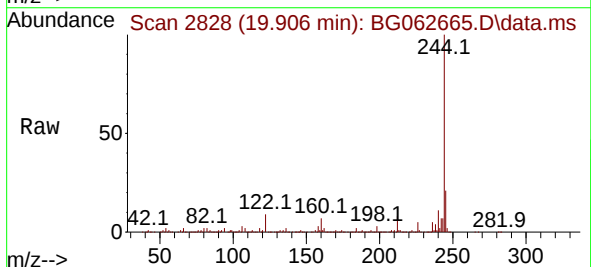
Tgt Ion:244 Resp: 2075274

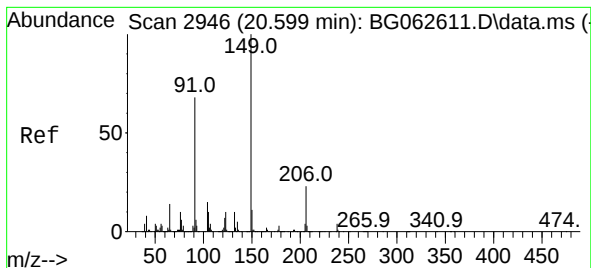
Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

122 8.8 7.2 10.8





#80

Butylbenzylphthalate

Concen: 3.100 ng

RT: 20.599 min Scan# 2946

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

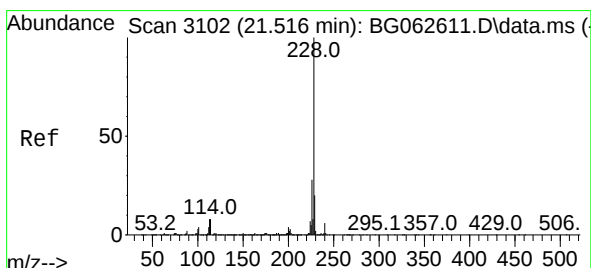
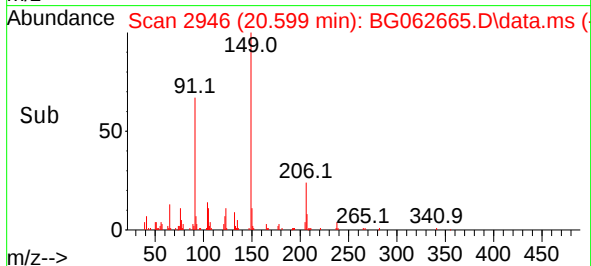
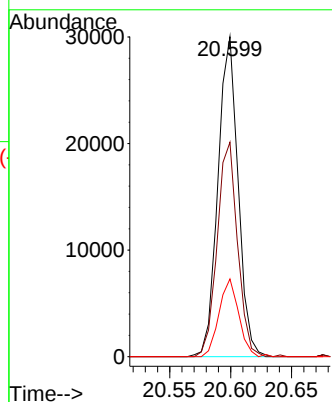
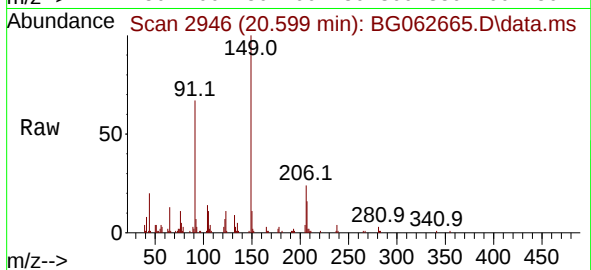
Tgt Ion:149 Resp: 34580

Ion Ratio Lower Upper

149 100

91 67.0 54.6 81.8

206 24.3 18.4 27.6



#81

Benzo(a)anthracene

Concen: 3.787 ng

RT: 21.516 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

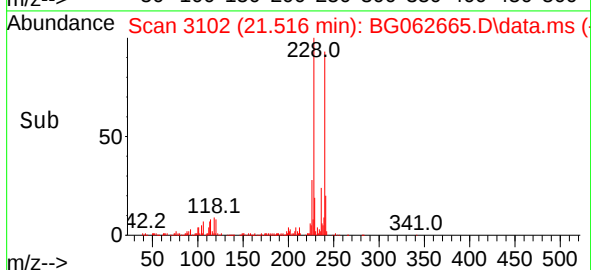
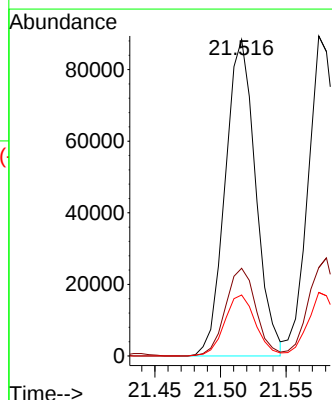
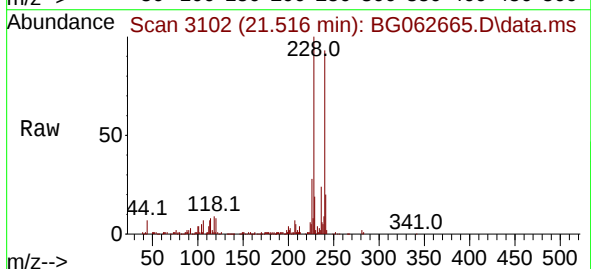
Tgt Ion:228 Resp: 142682

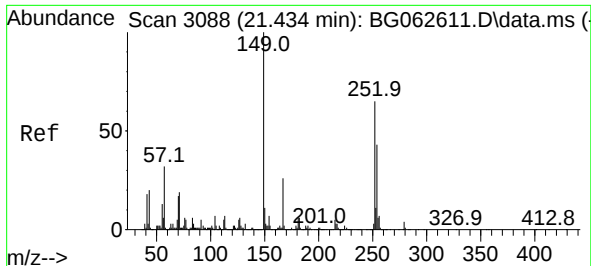
Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 19.3 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 3.792 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

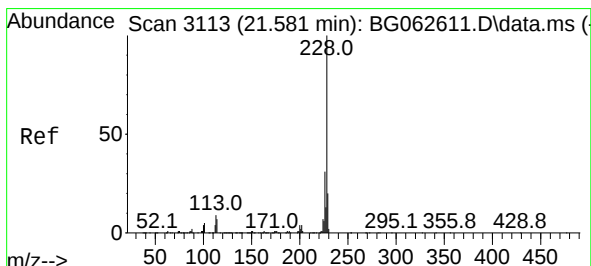
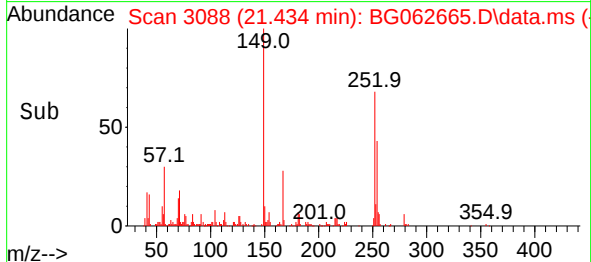
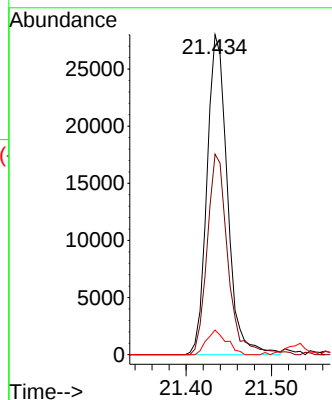
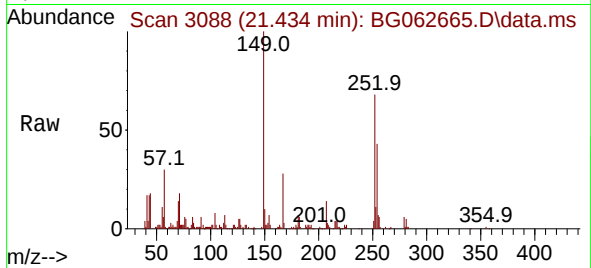
Tgt Ion:252 Resp: 46540

Ion Ratio Lower Upper

252 100

254 62.6 52.2 78.2

126 7.7 6.7 10.1



#83

Chrysene

Concen: 3.881 ng

RT: 21.575 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

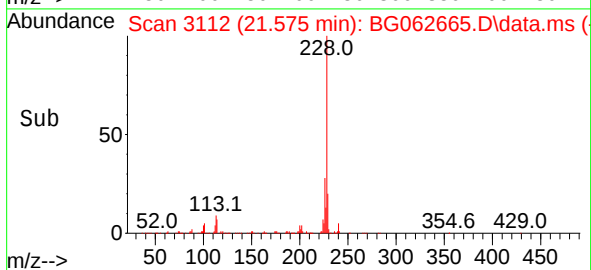
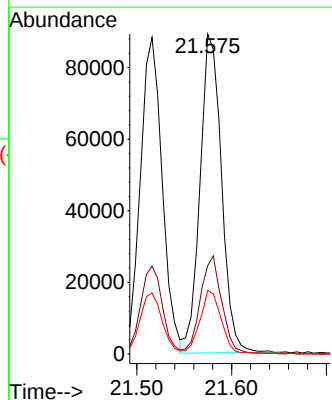
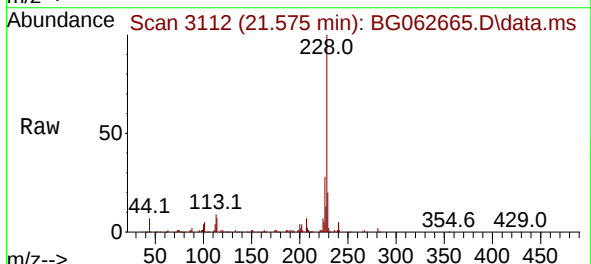
Tgt Ion:228 Resp: 140060

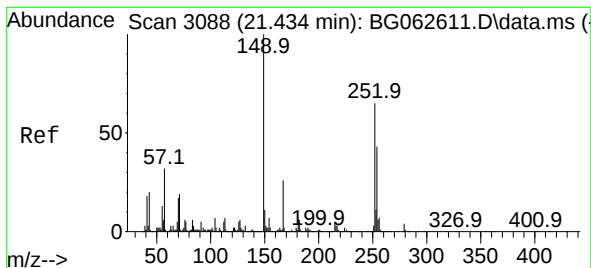
Ion Ratio Lower Upper

228 100

226 27.6 24.9 37.3

229 19.8 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.133 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

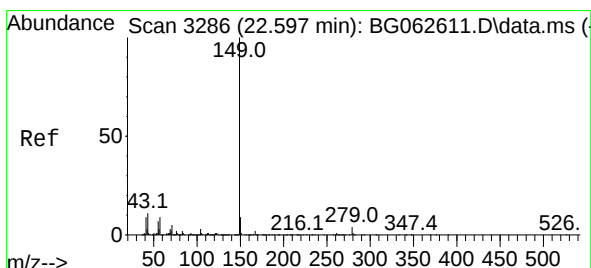
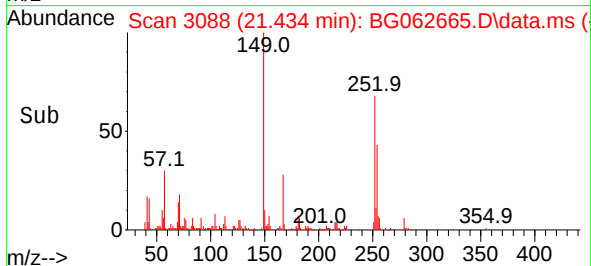
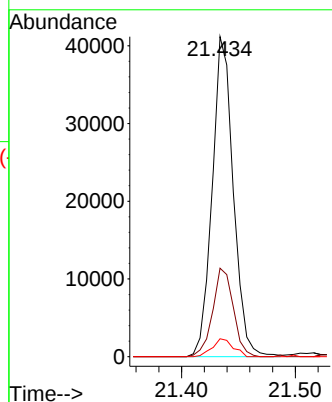
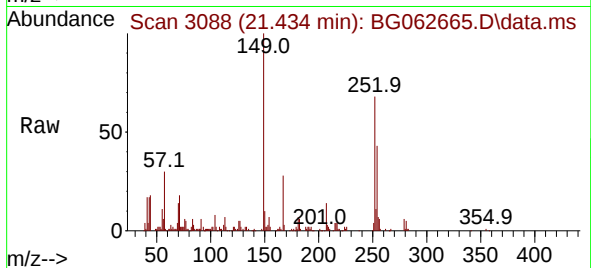
Tgt Ion:149 Resp: 53095

Ion Ratio Lower Upper

149 100

167 27.7 20.5 30.7

279 5.6 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 3.028 ng

RT: 22.597 min Scan# 3286

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

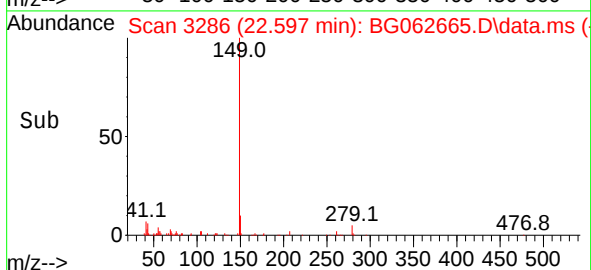
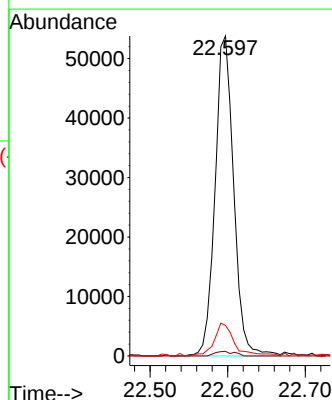
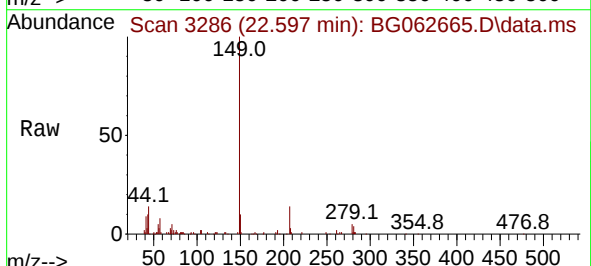
Tgt Ion:149 Resp: 89845

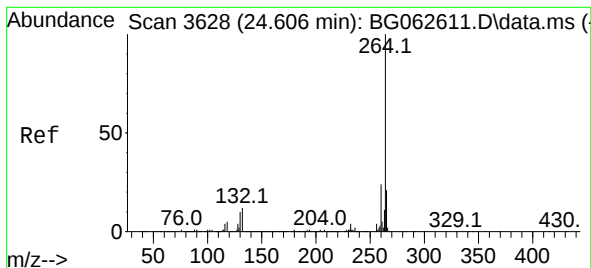
Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 11.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.607 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

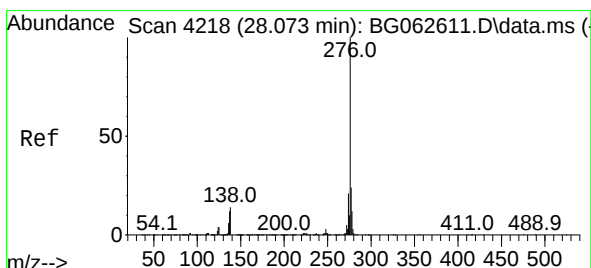
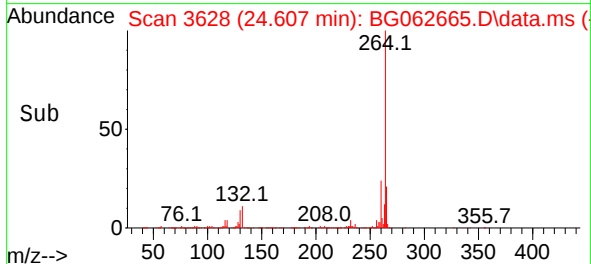
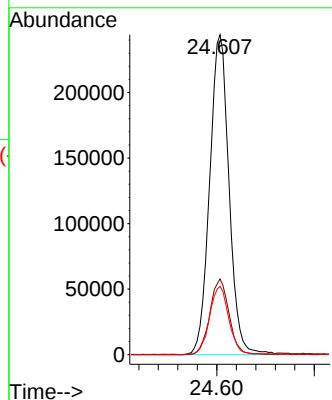
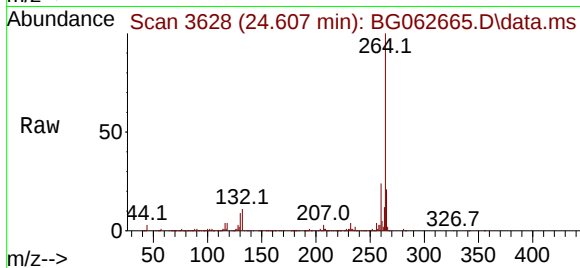
Tgt Ion:264 Resp: 672658

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.4 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.757 ng

RT: 28.061 min Scan# 4216

Delta R.T. -0.012 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

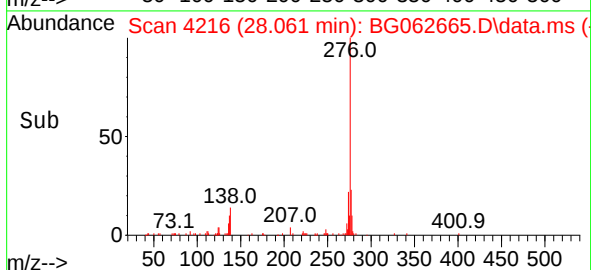
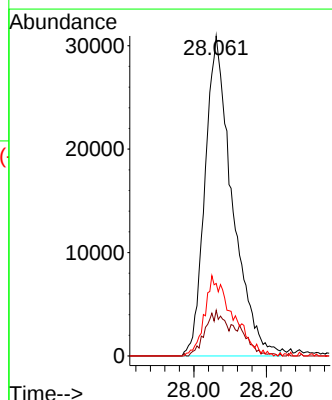
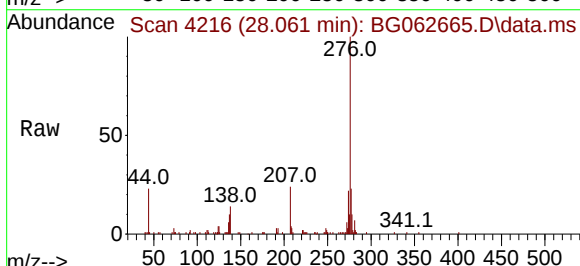
Tgt Ion:276 Resp: 162067

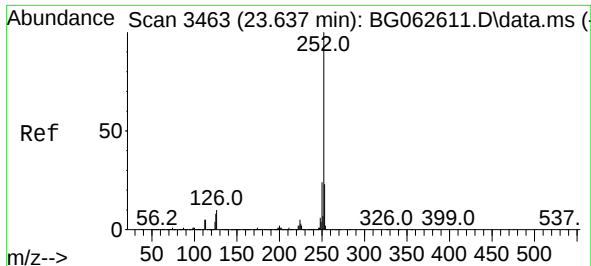
Ion Ratio Lower Upper

276 100

138 5.1 14.9 22.3#

277 25.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 3.572 ng

RT: 23.631 min Scan# 3463

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

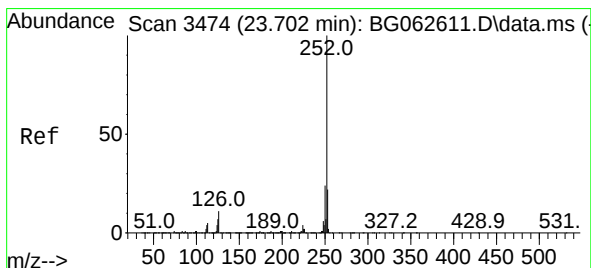
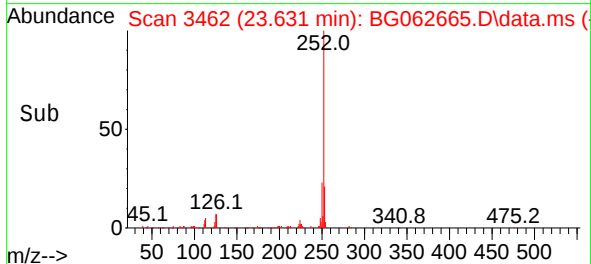
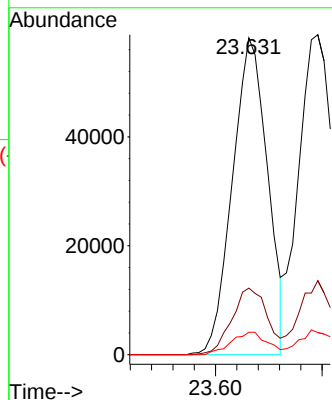
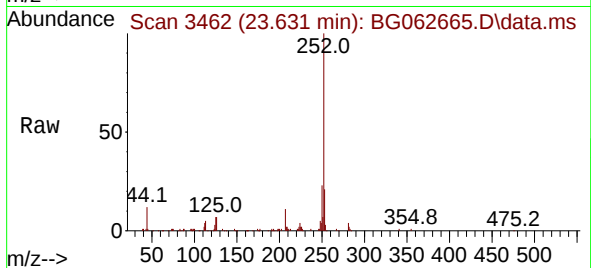
Tgt Ion:252 Resp: 132697

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

125 7.1 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 3.884 ng

RT: 23.696 min Scan# 3473

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

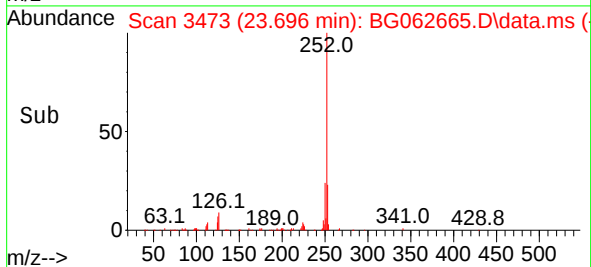
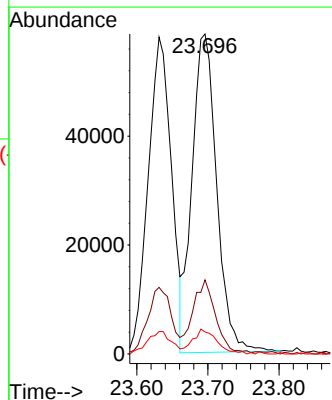
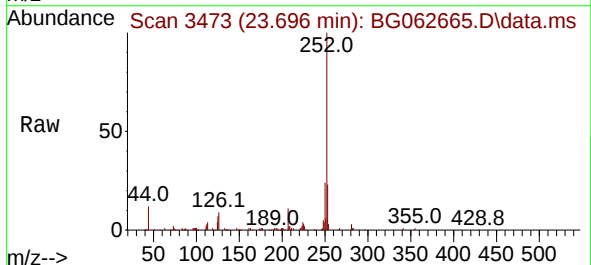
Tgt Ion:252 Resp: 141158

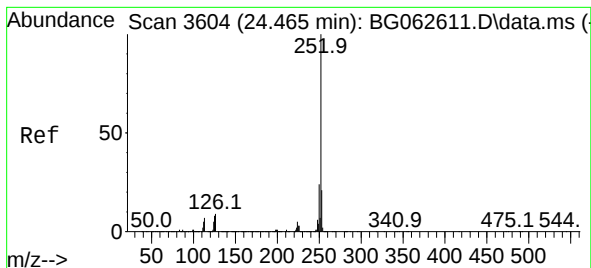
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 6.9 6.1 9.1





#90

Benzo(a)pyrene

Concen: 3.783 ng

RT: 24.454 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

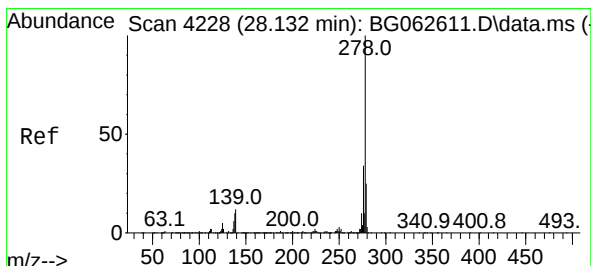
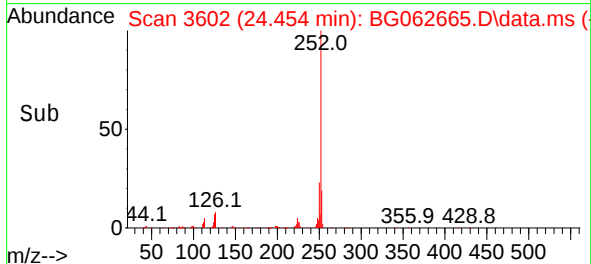
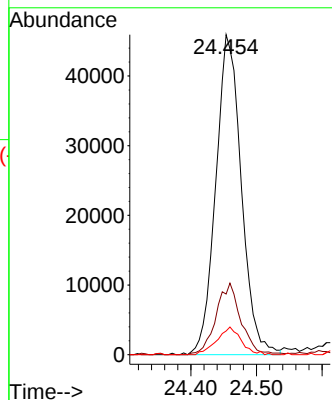
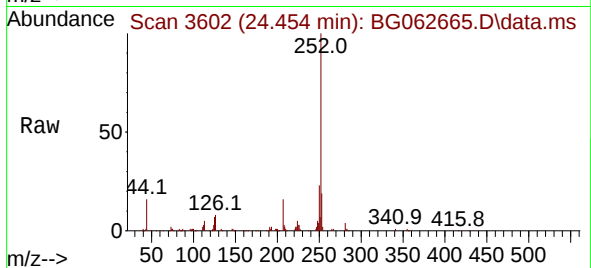
Tgt Ion:252 Resp: 124165

Ion Ratio Lower Upper

252 100

253 19.0 17.1 25.7

125 7.4 6.6 10.0



#91

Dibenzo(a,h)anthracene

Concen: 3.734 ng

RT: 28.120 min Scan# 4226

Delta R.T. -0.012 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

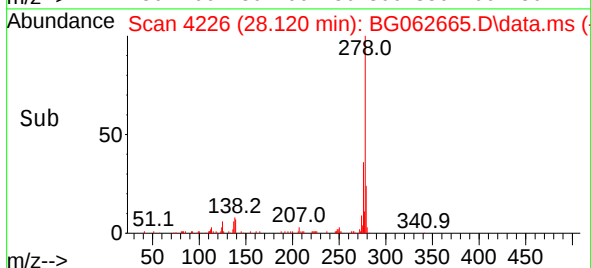
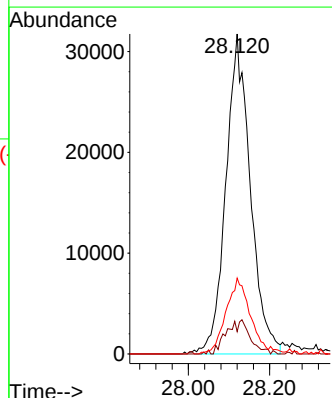
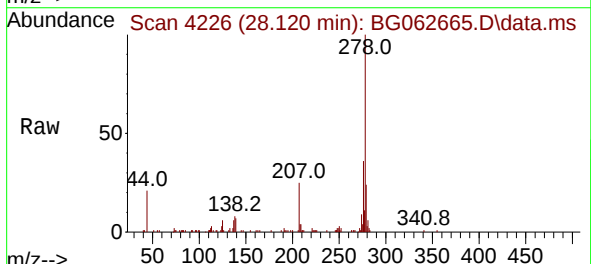
Tgt Ion:278 Resp: 132672

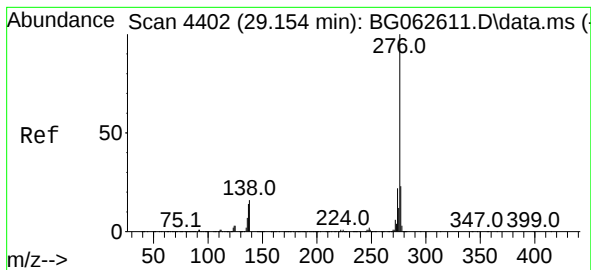
Ion Ratio Lower Upper

278 100

139 7.0 9.2 13.8#

279 23.7 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 3.511 ng

RT: 29.142 min Scan# 44

Delta R.T. -0.012 min

Lab File: BG062665.D

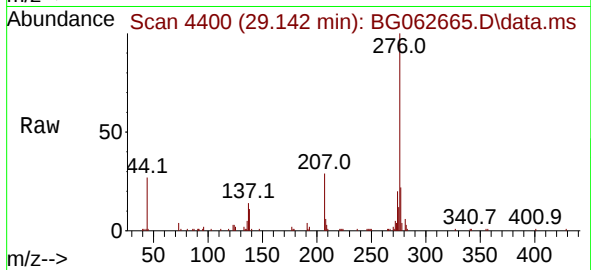
Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion:276 Resp: 125792

Ion Ratio Lower Upper

276 100

277 21.6 18.8 28.2

138 11.3 12.7 19.1#

