

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064528.D
 Acq On : 16 Oct 2025 23:05
 Operator : RC/JU
 Sample : Q3343-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

Quant Time: Oct 17 10:49:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	15859	20.000	ng	# 0.00
21) Naphthalene-d8	10.609	136	62085	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	46495	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	113384	20.000	ng	0.00
76) Chrysene-d12	21.414	240	133273	20.000	ng	0.00
86) Perylene-d12	24.393	264	152729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	118271	138.018	ng	0.00
7) Phenol-d6	7.001	99	142647	123.872	ng	0.02
23) Nitrobenzene-d5	8.975	82	110029	95.293	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	127830	151.675	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	294753	93.444	ng	0.00
79) Terphenyl-d14	19.804	244	665098	94.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	11312	33.374	ng	# 54
3) Pyridine	3.723	79	27858	30.581	ng	96
4) n-Nitrosodimethylamine	3.629	42	28816	43.636	ng	97
6) Aniline	7.148	93	29288	20.163	ng	96
8) 2-Chlorophenol	7.383	128	48013	45.628	ng	94
9) Benzaldehyde	6.960	77	19268	18.849	ng	93
10) Phenol	7.025	94	50490	41.562	ng	97
11) bis(2-Chloroethyl)ether	7.242	93	34757	42.248	ng	96
12) 1,3-Dichlorobenzene	7.706	146	49402	42.917	ng	98
13) 1,4-Dichlorobenzene	7.853	146	49551	42.891	ng	95
14) 1,2-Dichlorobenzene	8.170	146	47382	41.614	ng	94
15) Benzyl Alcohol	8.059	79	49404	46.585	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.341	45	51608	38.917	ng	94
17) 2-Methylphenol	8.264	107	40653	46.214	ng	96
18) Hexachloroethane	8.899	117	18360	40.263	ng	97
19) n-Nitroso-di-n-propyla...	8.623	70	33352	43.306	ng	97
20) 3+4-Methylphenols	8.593	107	54091	44.065	ng	92
22) Acetophenone	8.635	105	81946	54.513	ng	97
24) Nitrobenzene	9.011	77	53901	46.812	ng	# 96
25) Isophorone	9.539	82	95798	45.798	ng	97
26) 2-Nitrophenol	9.722	139	26670	46.539	ng	98
27) 2,4-Dimethylphenol	9.786	122	48049	54.896	ng	97
28) bis(2-Chloroethoxy)met...	10.021	93	50104	46.991	ng	97
29) 2,4-Dichlorophenol	10.256	162	52540	51.909	ng	93
30) 1,2,4-Trichlorobenzene	10.468	180	53935	48.871	ng	97
31) Naphthalene	10.656	128	149982	46.912	ng	97
32) Benzoic acid	9.921	122	16518m	24.580	ng	
33) 4-Chloroaniline	10.767	127	6729	5.485	ng	# 81
34) Hexachlorobutadiene	10.944	225	43922	46.471	ng	95
35) Caprolactam	11.537	113	13466m	38.863	ng	
36) 4-Chloro-3-methylphenol	11.901	107	61115	49.652	ng	96
37) 2-Methylnaphthalene	12.266	142	106437	43.371	ng	94
38) 1-Methylnaphthalene	12.483	142	111945	45.746	ng	96
40) 1,2,4,5-Tetrachloroben...	12.636	216	80667	53.734	ng	97
41) Hexachlorocyclopentadiene	12.618	237	98803	125.818	ng	93
43) 2,4,6-Trichlorophenol	12.883	196	48435	50.470	ng	100

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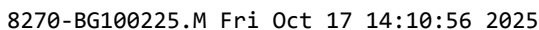
Instrument :
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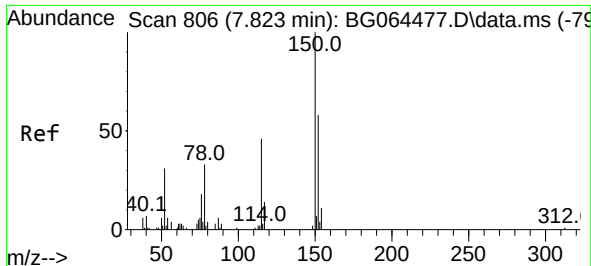
Quant Time: Oct 17 10:49:41 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	55621	51.914	ng	99
46) 1,1'-Biphenyl	13.282	154	179543	53.690	ng	98
47) 2-Chloronaphthalene	13.323	162	119803	47.983	ng	98
48) 2-Nitroaniline	13.529	65	43496	51.043	ng	97
49) Acenaphthylene	14.169	152	207735	56.049	ng	99
50) Dimethylphthalate	13.905	163	174736	47.985	ng	98
51) 2,6-Dinitrotoluene	14.022	165	39326	51.842	ng	87
52) Acenaphthene	14.510	154	123876	48.108	ng	96
53) 3-Nitroaniline	14.351	138	14161	20.242	ng	96
54) 2,4-Dinitrophenol	14.563	184	29729	54.048	ng	# 81
55) Dibenzofuran	14.845	168	213350	50.180	ng	98
56) 4-Nitrophenol	14.675	139	55150	100.127	ng	86
57) 2,4-Dinitrotoluene	14.816	165	60636	52.290	ng	97
58) Fluorene	15.497	166	175048	49.524	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	59580m	54.489	ng	
60) Diethylphthalate	15.274	149	187034	47.878	ng	97
61) 4-Chlorophenyl-phenyle...	15.485	204	93362	48.382	ng	96
62) 4-Nitroaniline	15.521	138	38072	52.214	ng	93
63) Azobenzene	15.779	77	148386	49.047	ng	98
65) 4,6-Dinitro-2-methylph...	15.579	198	31605	40.034	ng	95
66) n-Nitrosodiphenylamine	15.703	169	158575	52.373	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	67699	50.739	ng	87
68) Hexachlorobenzene	16.496	284	79725	52.218	ng	98
69) Atrazine	16.655	200	73965	54.907	ng	97
70) Pentachlorophenol	16.843	266	91687	102.708	ng	95
71) Phenanthrene	17.230	178	305853	51.582	ng	100
72) Anthracene	17.319	178	312033	52.456	ng	99
73) Carbazole	17.589	167	284339	55.300	ng	98
74) Di-n-butylphthalate	18.153	149	332849	53.029	ng	99
75) Fluoranthene	19.240	202	393381	55.533	ng	99
77) Benzidine	19.428	184	33774	10.184	ng	96
78) Pyrene	19.604	202	412644	47.710	ng	98
80) Butylbenzylphthalate	20.497	149	160094	52.216	ng	97
81) Benzo(a)anthracene	21.396	228	441993	51.941	ng	98
82) 3,3'-Dichlorobenzidine	21.320	252	65622	22.784	ng	99
83) Chrysene	21.461	228	407092	50.444	ng	97
84) Bis(2-ethylhexyl)phtha...	21.320	149	228664	52.859	ng	96
85) Di-n-octyl phthalate	22.442	149	391936	53.908	ng	100
87) Indeno(1,2,3-cd)pyrene	27.753	276	556247	52.324	ng	# 92
88) Benzo(b)fluoranthene	23.458	252	450673	51.869	ng	98
89) Benzo(k)fluoranthene	23.517	252	443665	50.699	ng	100
90) Benzo(a)pyrene	24.257	252	427985	53.446	ng	98
91) Dibenzo(a,h)anthracene	27.800	278	453269	53.315	ng	96
92) Benzo(g,h,i)perylene	28.805	276	442689	53.583	ng	99

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

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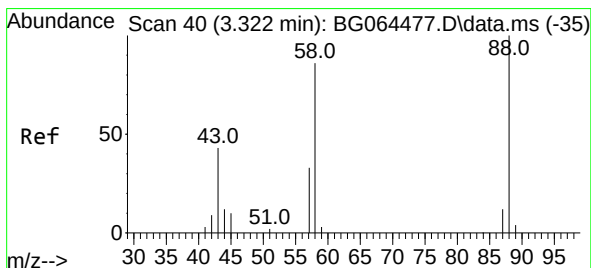
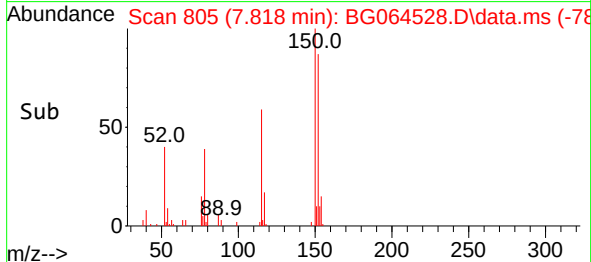
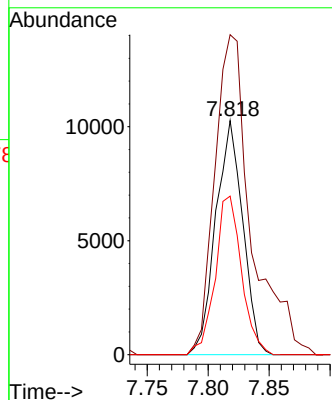
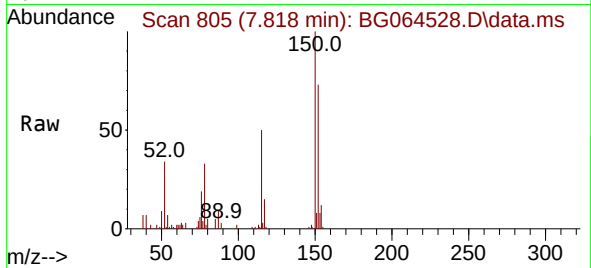




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 806
 Delta R.T. -0.002 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

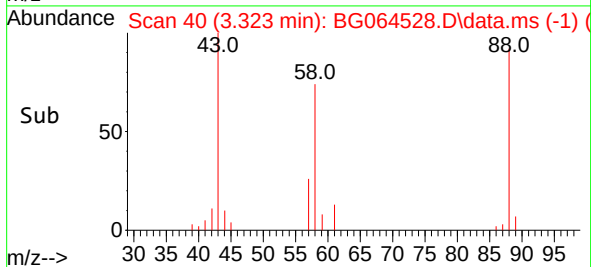
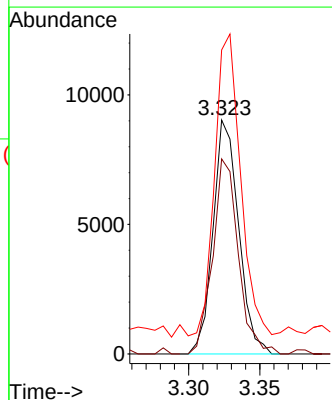
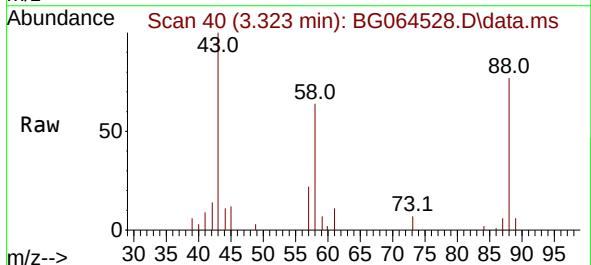
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 SOIL-ROLLOFF-WC-1MSD

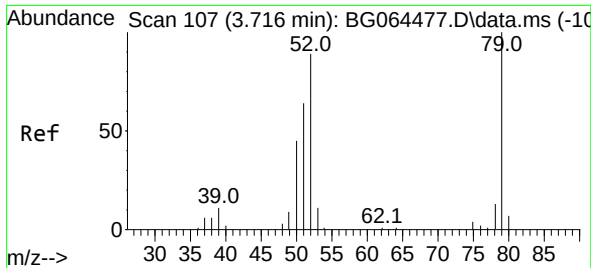
Tgt Ion:152 Resp: 15859
 Ion Ratio Lower Upper
 152 100
 150 136.7 138.6 207.8#
 115 67.8 63.4 95.2



#2
 1,4-Dioxane
 Concen: 33.374 ng
 RT: 3.323 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

Tgt Ion: 88 Resp: 11312
 Ion Ratio Lower Upper
 88 100
 58 83.5 69.8 104.6
 43 130.4 37.4 56.0#

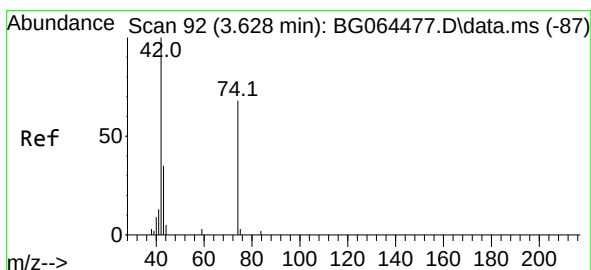
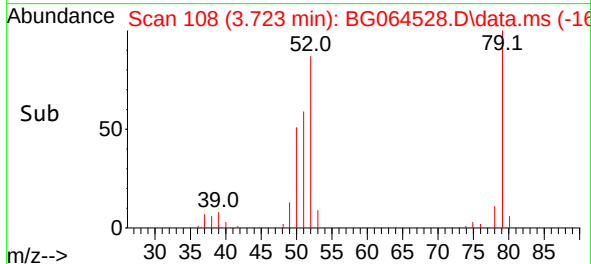
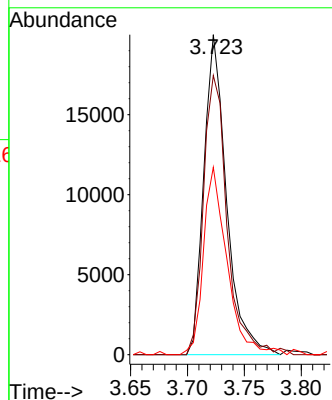
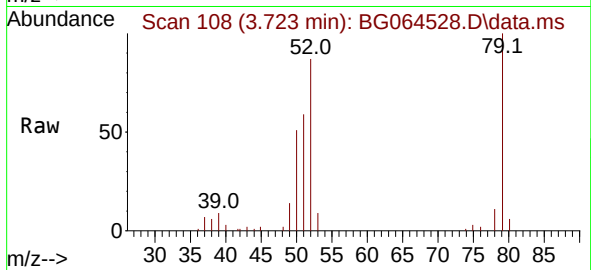




#3
Pyridine
Concen: 30.581 ng
RT: 3.723 min Scan# 107
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

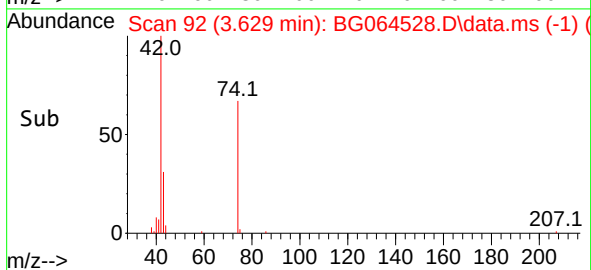
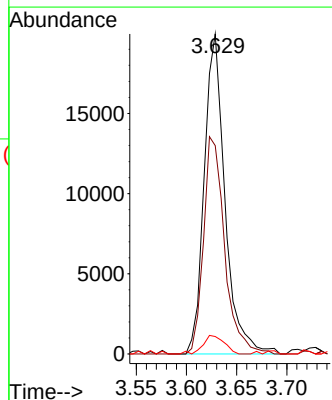
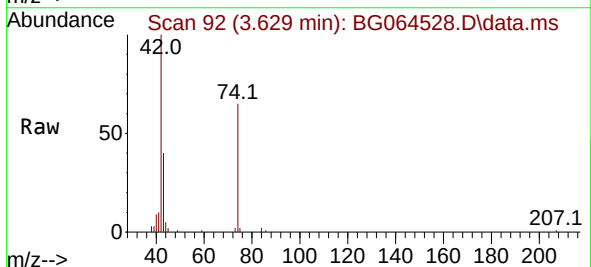
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

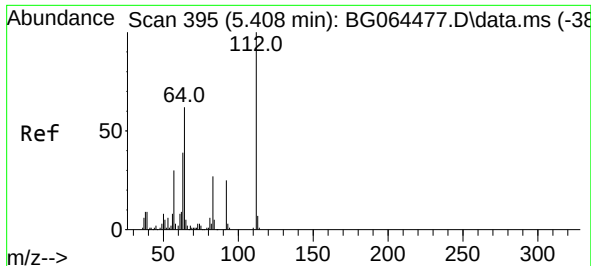
Tgt Ion: 79	Resp: 27858
Ion Ratio	Lower Upper
79	100
52	87.2 71.0 106.4
51	58.6 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 43.636 ng
RT: 3.629 min Scan# 92
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 42	Resp: 28816
Ion Ratio	Lower Upper
42	100
74	65.1 54.2 81.4
44	5.4 4.2 6.2

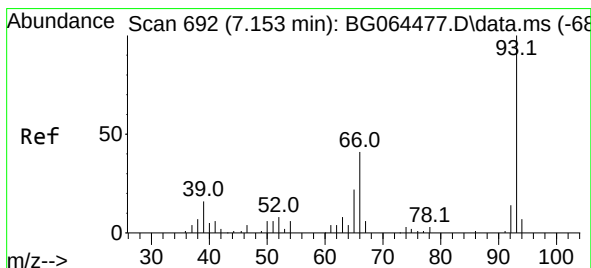
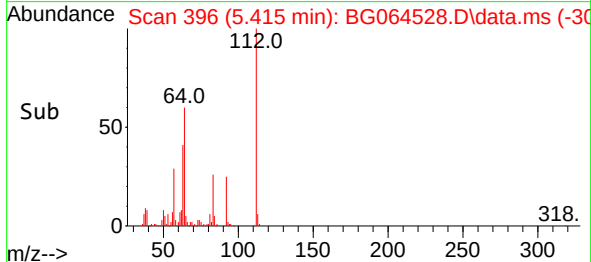
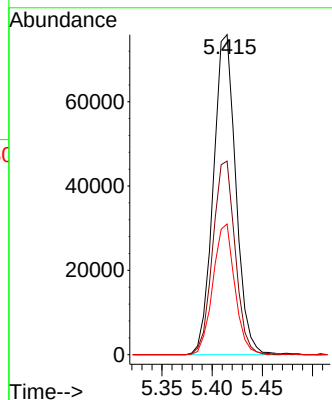
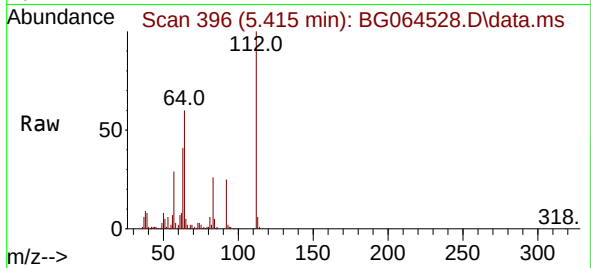




#5
2-Fluorophenol
Concen: 138.018 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

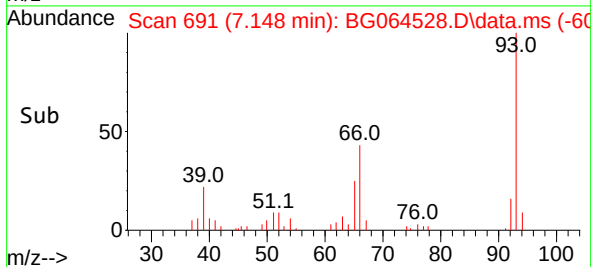
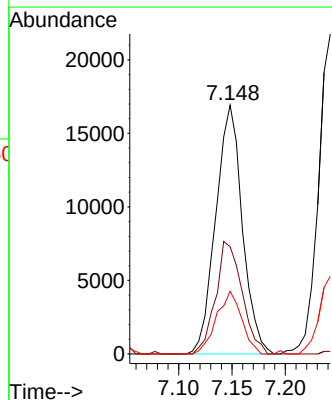
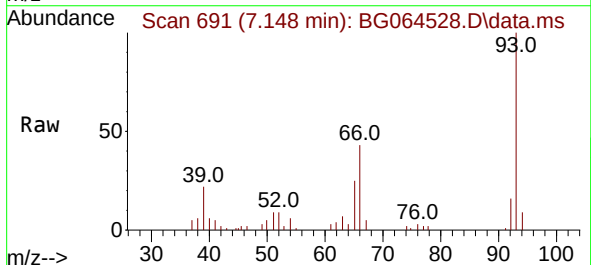
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ClientSampleId :
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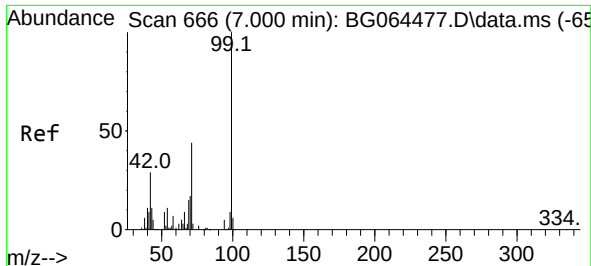
Tgt Ion:112 Resp: 118271
Ion Ratio Lower Upper
112 100
64 60.5 49.8 74.8
63 40.9 31.3 46.9



#6
Aniline
Concen: 20.163 ng
RT: 7.148 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 93 Resp: 29288
Ion Ratio Lower Upper
93 100
66 43.1 33.0 49.4
65 25.1 17.5 26.3

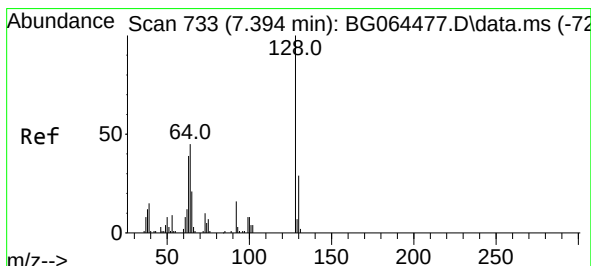
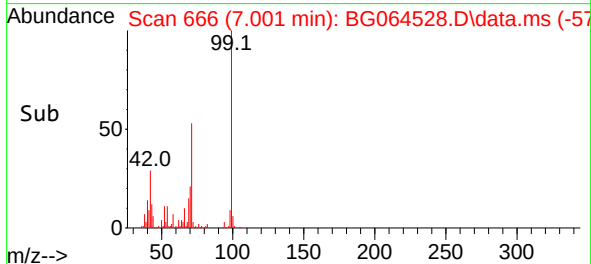
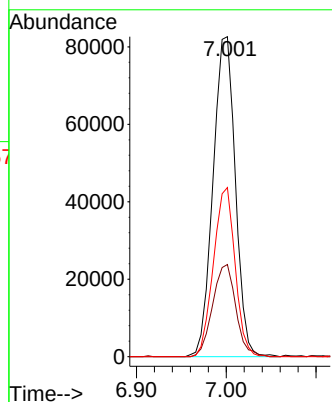
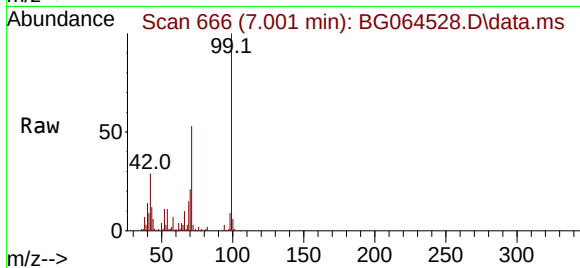




#7
Phenol-d6
Concen: 123.872 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

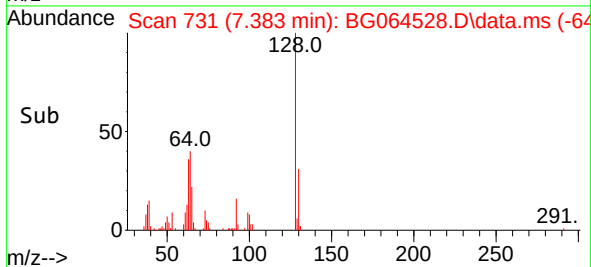
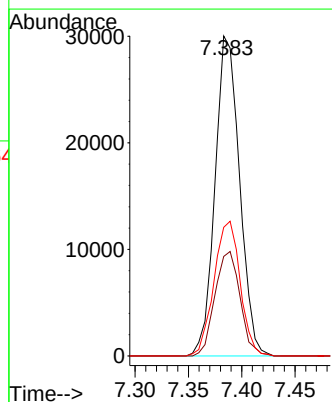
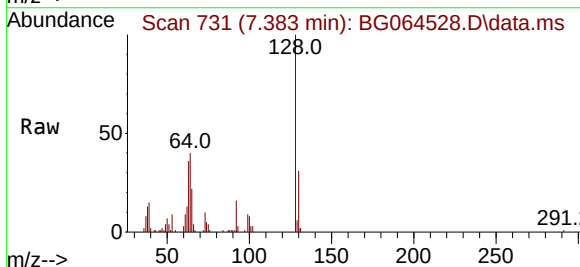
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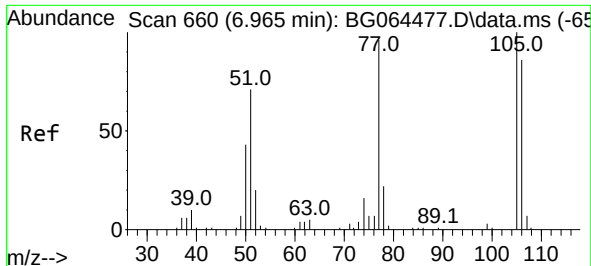
Tgt Ion: 99 Resp: 142647
Ion Ratio Lower Upper
99 100
42 28.8 22.9 34.3
71 52.9 35.4 53.2



#8
2-Chlorophenol
Concen: 45.628 ng
RT: 7.383 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 128 Resp: 48013
Ion Ratio Lower Upper
128 100
130 31.1 9.2 49.2
64 40.2 25.5 65.5

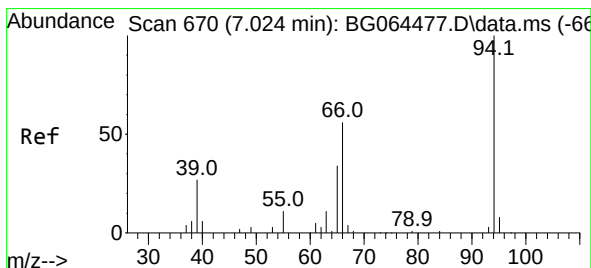
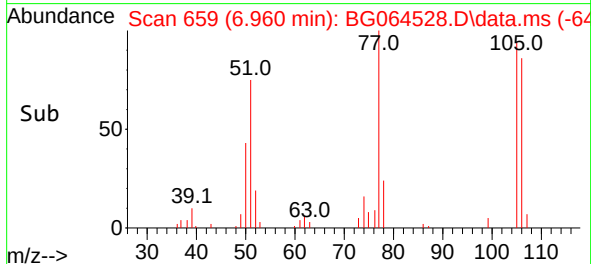
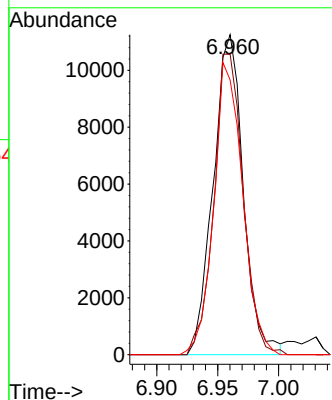
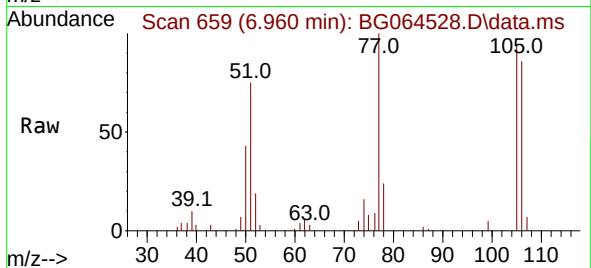




#9
Benzaldehyde
Concen: 18.849 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

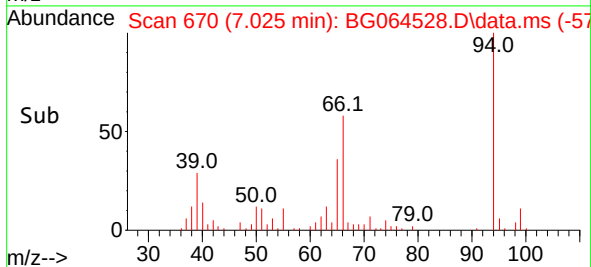
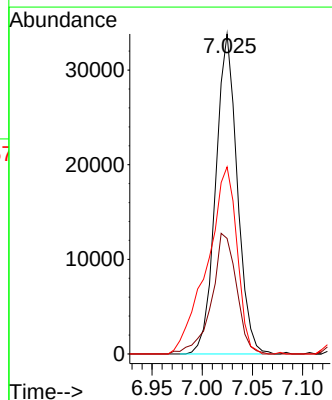
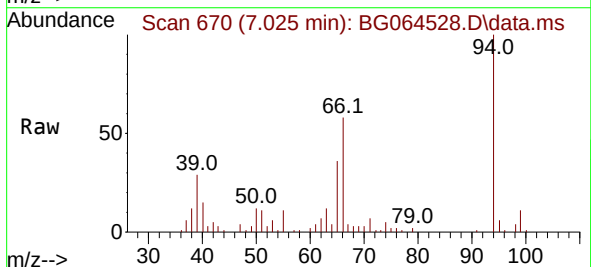
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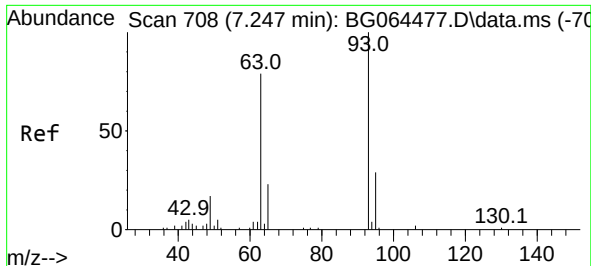
Tgt Ion: 77 Resp: 19268
Ion Ratio Lower Upper
77 100
105 93.9 83.7 123.7
106 85.9 69.4 109.4



#10
Phenol
Concen: 41.562 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 94 Resp: 50490
Ion Ratio Lower Upper
94 100
65 36.1 14.8 54.8
66 58.5 41.4 81.4

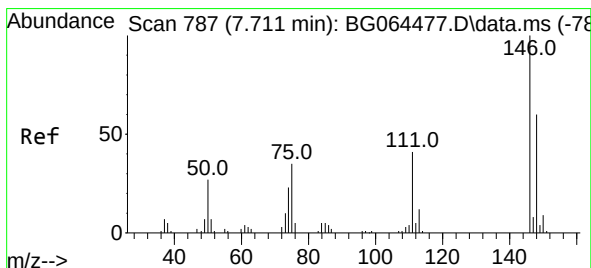
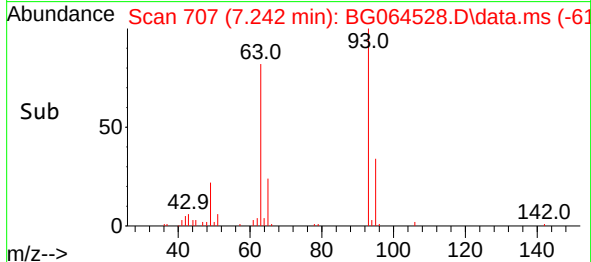
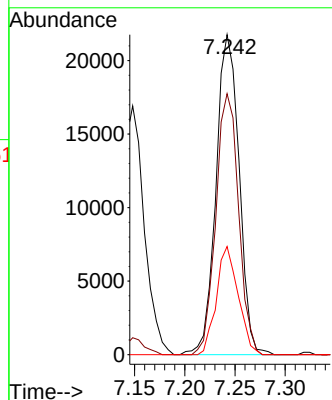
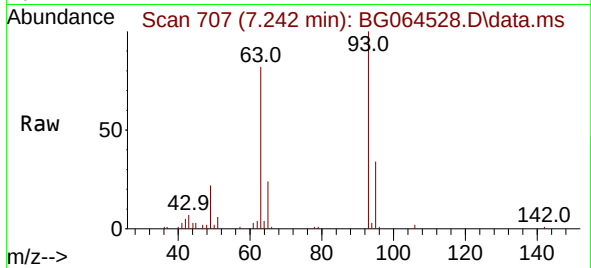




#11
bis(2-Chloroethyl)ether
Concen: 42.248 ng
RT: 7.242 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

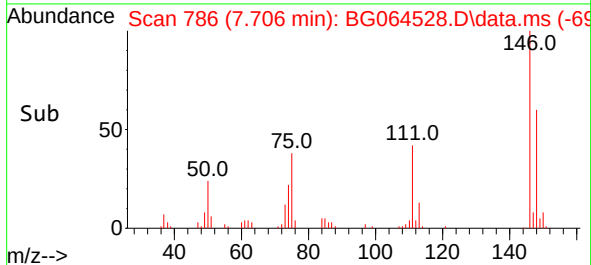
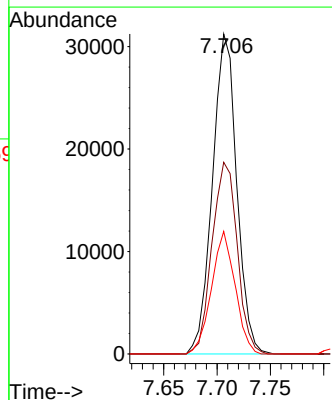
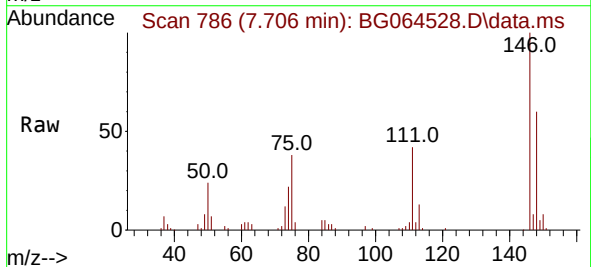
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

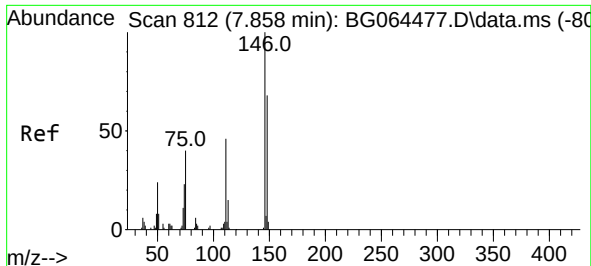
Tgt Ion: 93	Resp: 34757
Ion Ratio	Lower Upper
93 100	
63 81.5	59.5 99.5
95 33.8	8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 42.917 ng
RT: 7.706 min Scan# 786
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:146	Resp:	49402	
Ion	Ratio	Lower	Upper
146	100		
148	59.9	48.4	72.6
75	38.3	28.3	42.5





#13

1,4-Dichlorobenzene

Concen: 42.891 ng

RT: 7.853 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

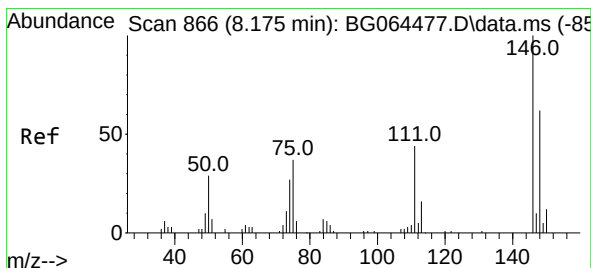
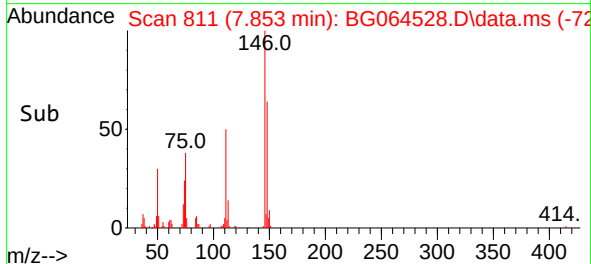
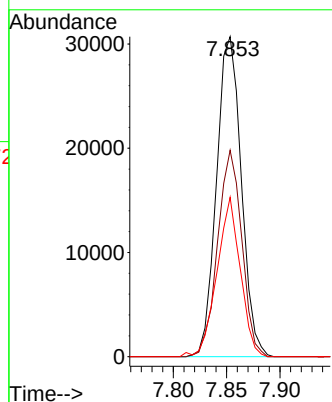
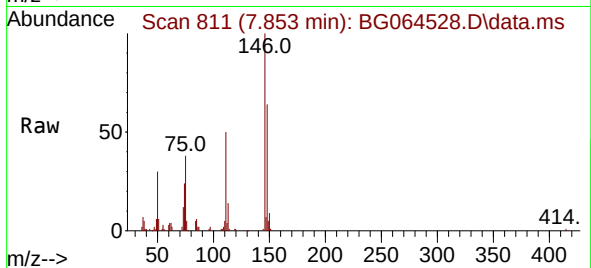
Tgt Ion:146 Resp: 49551

Ion Ratio Lower Upper

146 100

148 64.5 54.4 81.6

111 49.8 36.5 54.7



#14

1,2-Dichlorobenzene

Concen: 41.614 ng

RT: 8.170 min Scan# 865

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

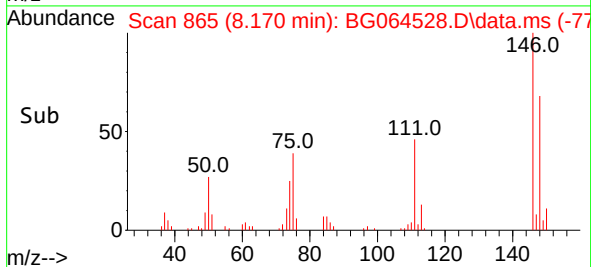
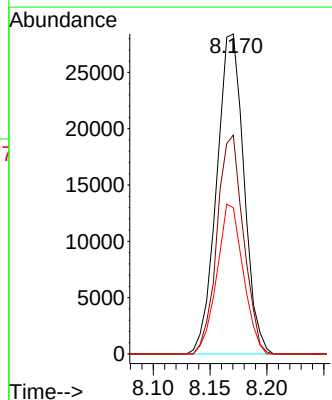
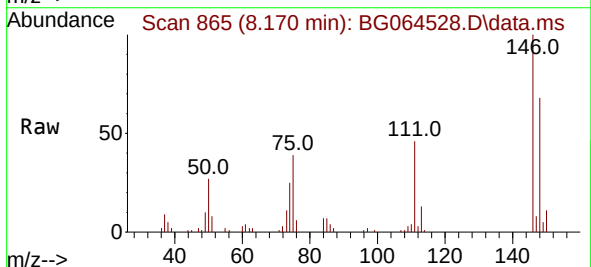
Tgt Ion:146 Resp: 47382

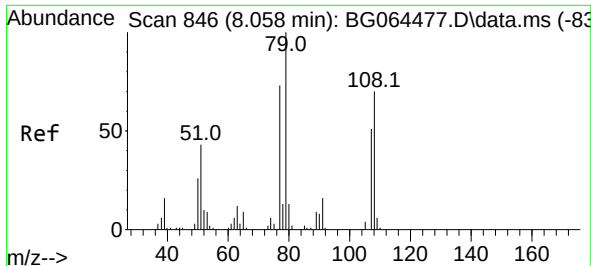
Ion Ratio Lower Upper

146 100

148 68.4 50.0 75.0

111 45.7 35.0 52.4

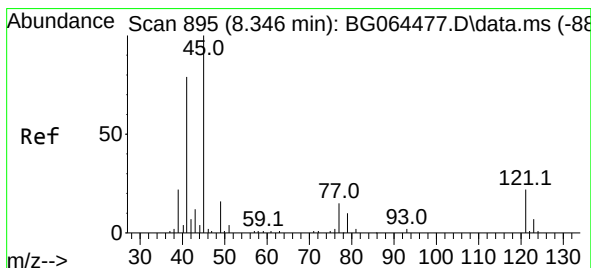
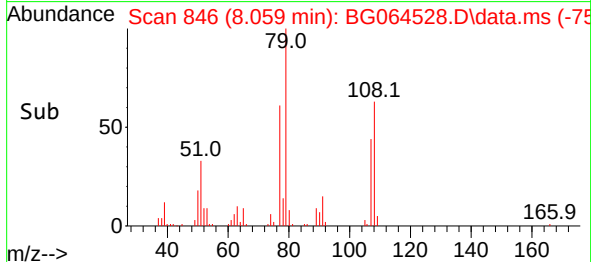
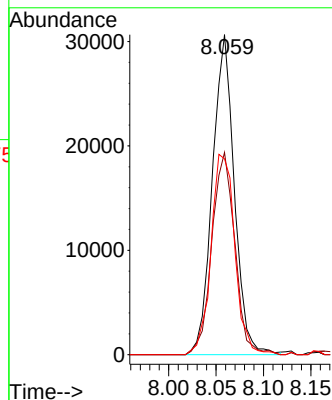
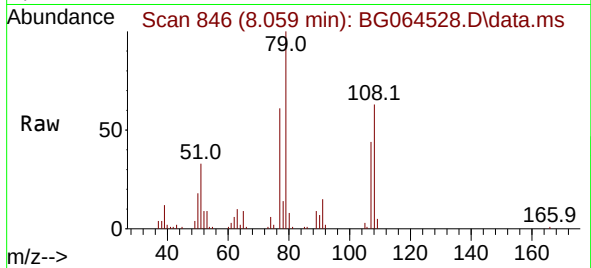




#15
Benzyl Alcohol
Concen: 46.585 ng
RT: 8.059 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

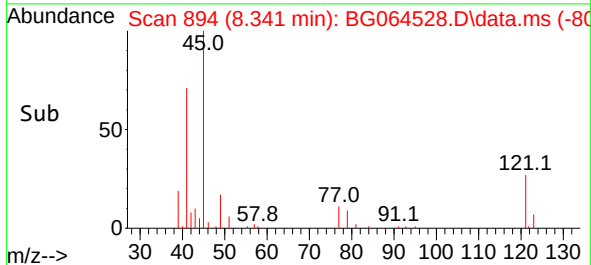
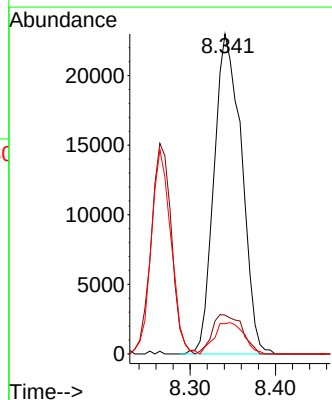
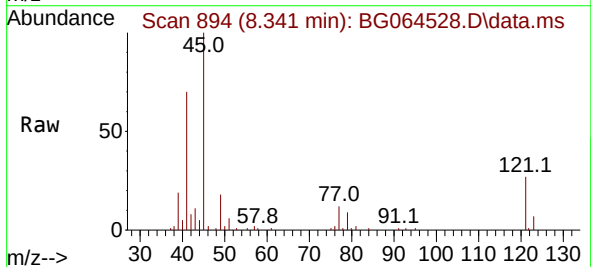
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

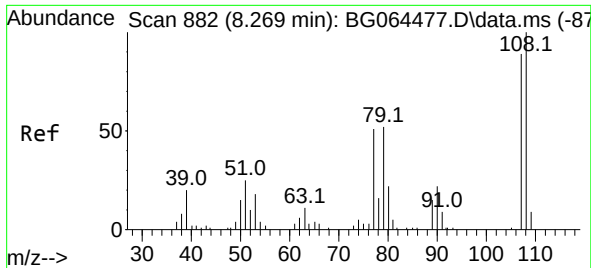
Tgt Ion: 79 Resp: 49404
Ion Ratio Lower Upper
79 100
108 63.2 56.4 84.6
77 61.2 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.917 ng
RT: 8.341 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 45 Resp: 51608
Ion Ratio Lower Upper
45 100
77 12.1 0.0 35.6
79 9.5 0.0 30.7

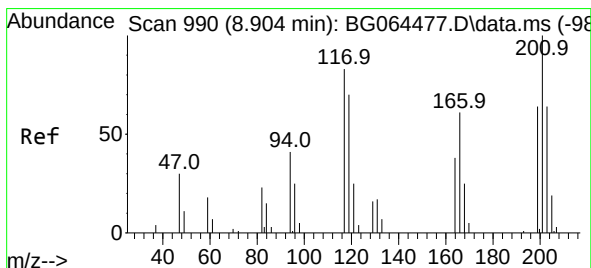
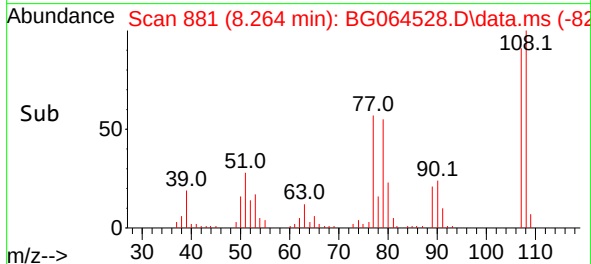
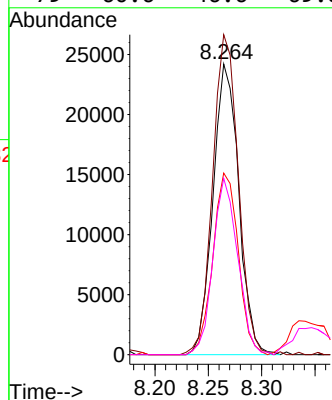
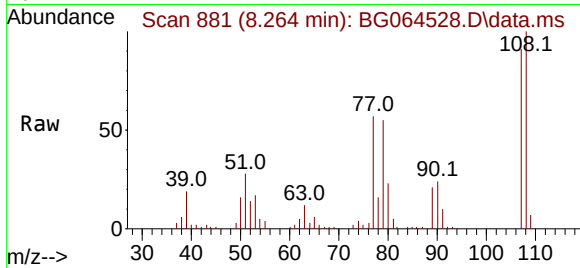




#17
2-Methylphenol
Concen: 46.214 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

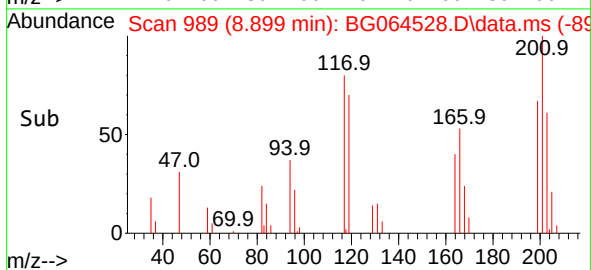
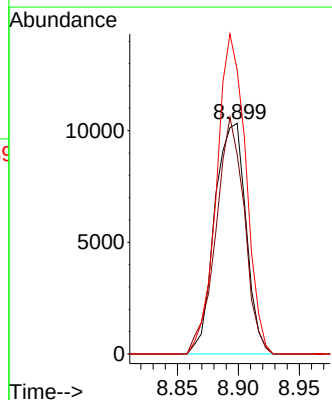
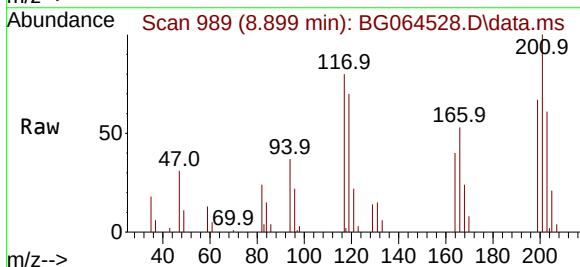
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

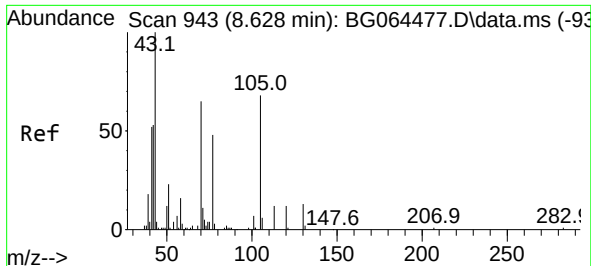
Tgt Ion:	107	Resp:	40653
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.3	135.5
77	62.5	46.0	69.0
79	60.6	46.6	69.8



#18
Hexachloroethane
Concen: 40.263 ng
RT: 8.899 min Scan# 989
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:	117	Resp:	18360
Ion	Ratio	Lower	Upper
117	100		
119	86.5	67.4	101.0
201	123.2	95.9	143.9

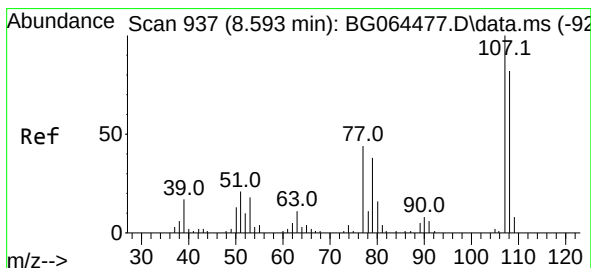
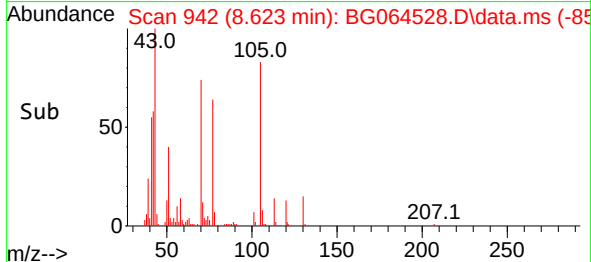
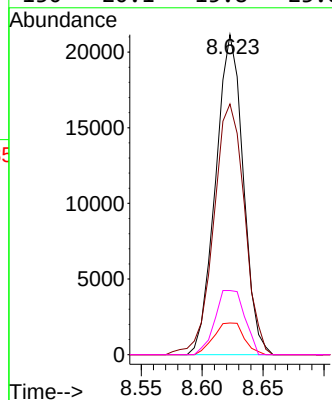
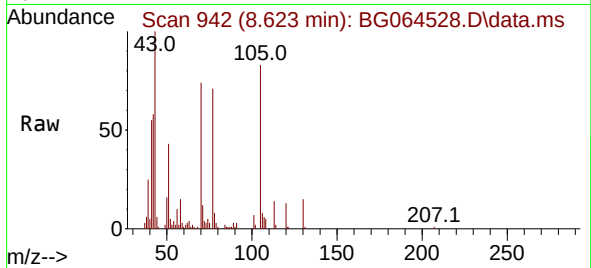




#19
n-Nitroso-di-n-propylamine
Concen: 43.306 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

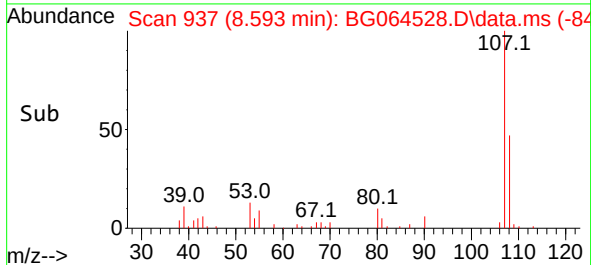
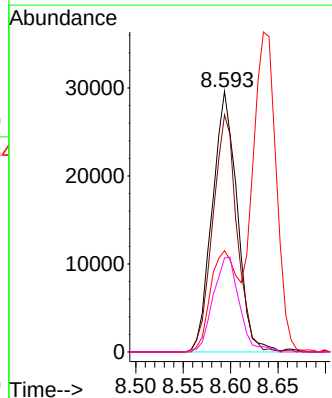
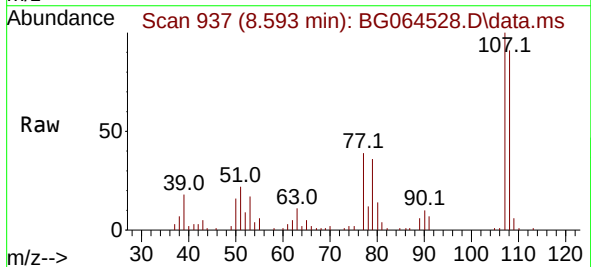
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

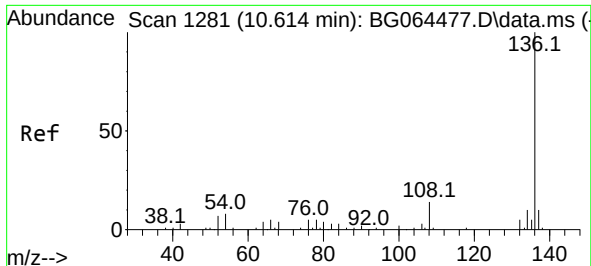
Tgt Ion:	70	Resp:	33352
Ion	Ratio	Lower	Upper
70	100		
42	78.4	64.9	97.3
101	9.9	8.7	13.1
130	20.1	15.8	23.8



#20
3+4-Methylphenols
Concen: 44.065 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:	107	Resp:	54091
Ion	Ratio	Lower	Upper
107	100		
108	91.0	62.1	102.1
77	38.9	23.5	63.5
79	36.0	17.8	57.8

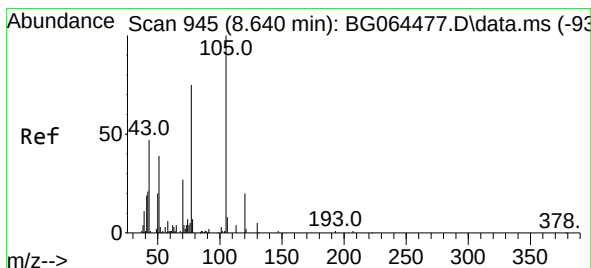
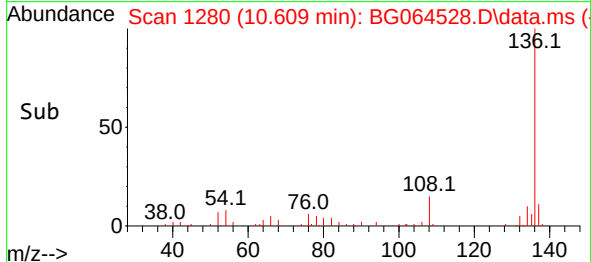
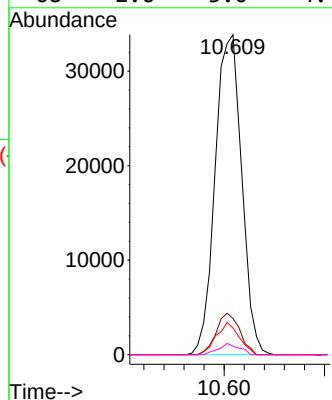
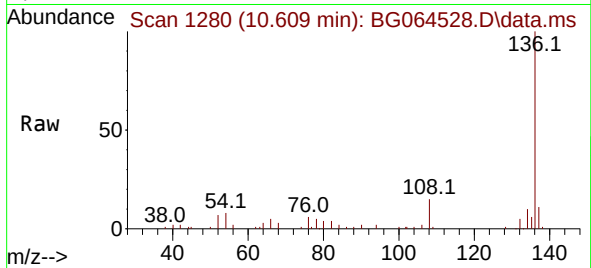




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

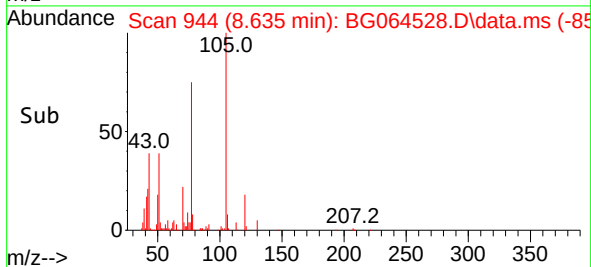
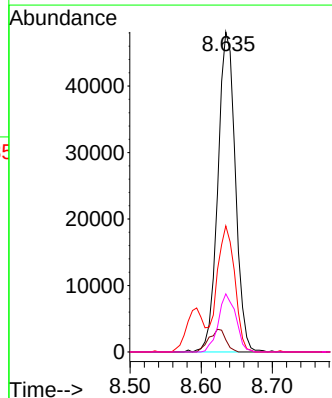
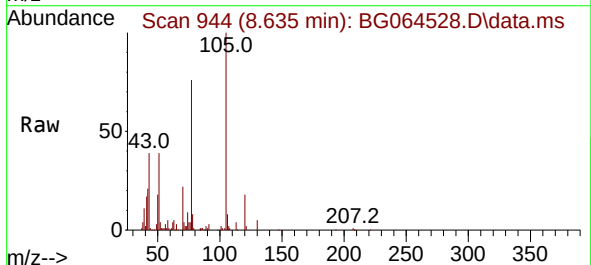
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

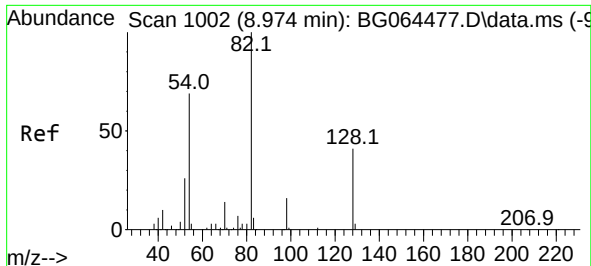
Tgt Ion:	136	Resp:	62085
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.3	12.5
54	8.4	6.2	9.4
68	2.6	3.0	4.4



#22
Acetophenone
Concen: 54.513 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:	105	Resp:	81946
Ion Ratio	Lower	Upper	
105	100		
71	3.8	2.8	4.2
51	39.4	33.0	49.4
120	18.1	15.8	23.6

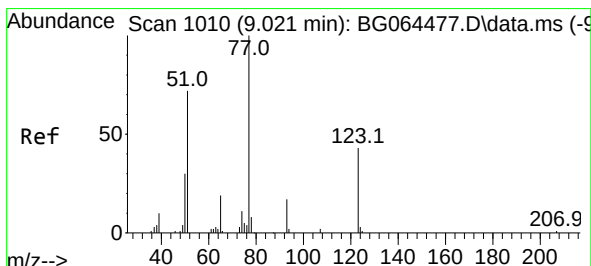
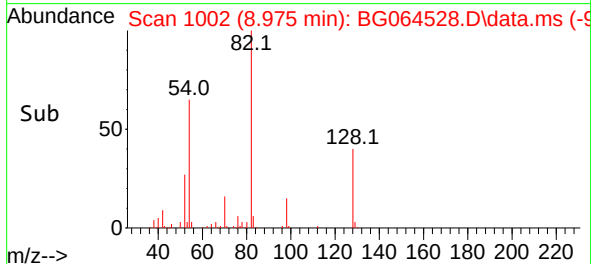
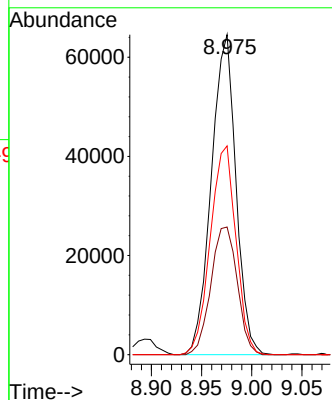
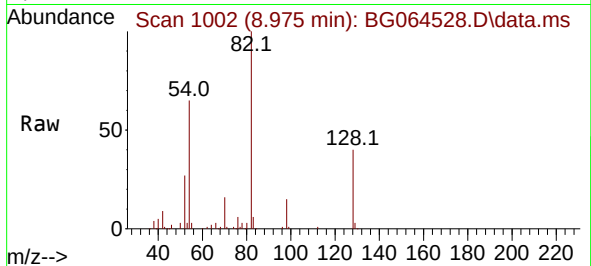




#23
Nitrobenzene-d5
Concen: 95.293 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

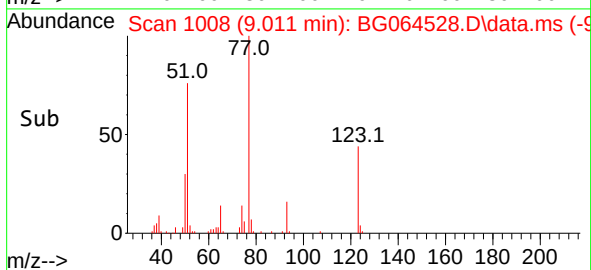
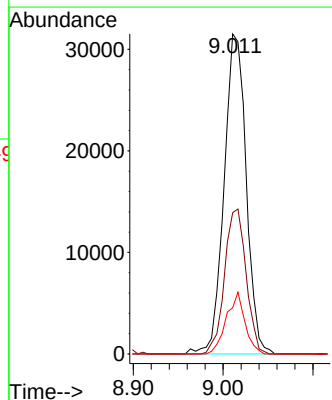
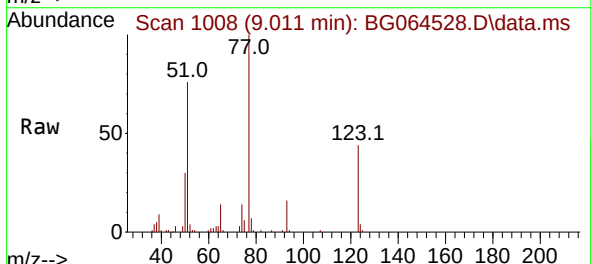
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

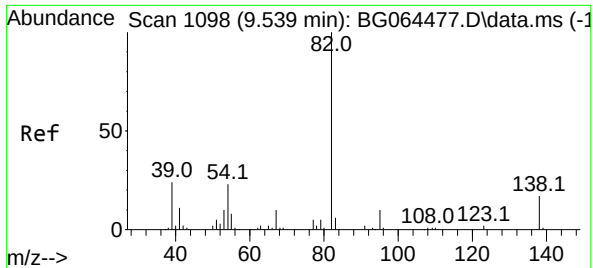
Tgt Ion: 82 Resp: 110029
Ion Ratio Lower Upper
82 100
128 39.9 33.1 49.7
54 65.2 55.4 83.2



#24
Nitrobenzene
Concen: 46.812 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 77 Resp: 53901
Ion Ratio Lower Upper
77 100
123 44.2 34.4 51.6
65 14.4 14.8 22.2#

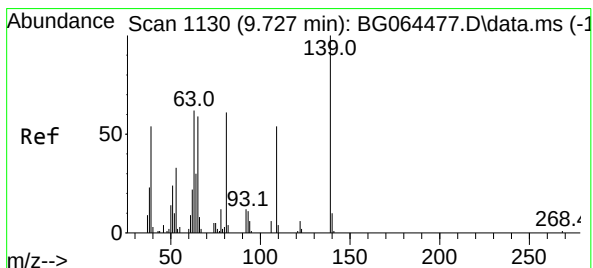
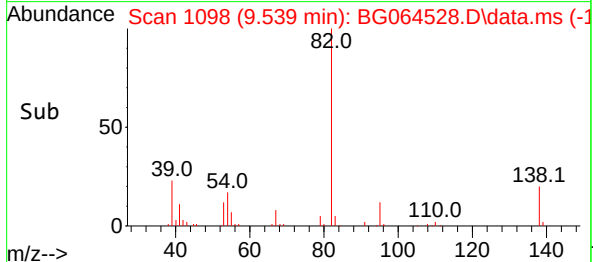
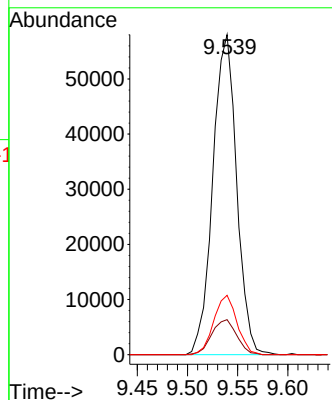
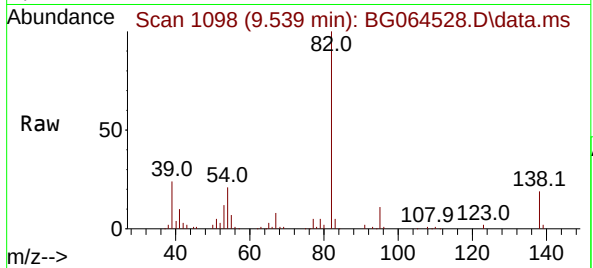




#25
Isophorone
Concen: 45.798 ng
RT: 9.539 min Scan# 1109
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

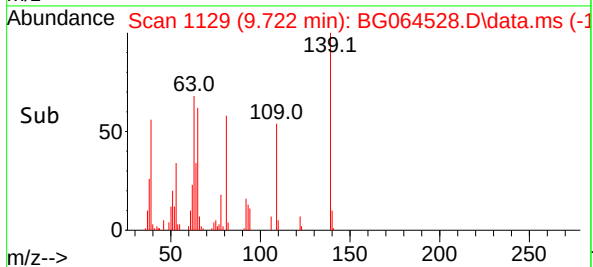
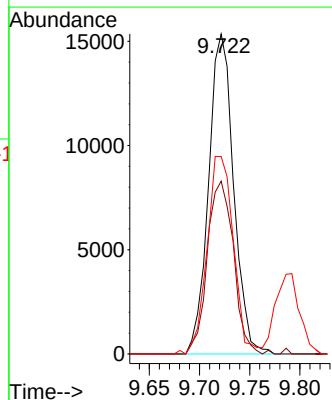
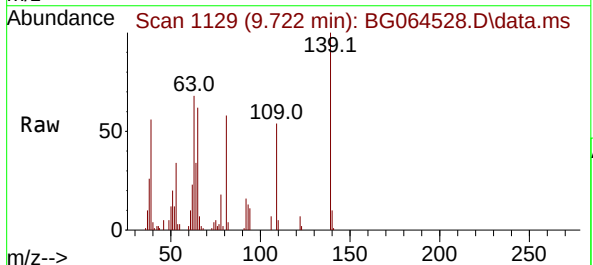
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

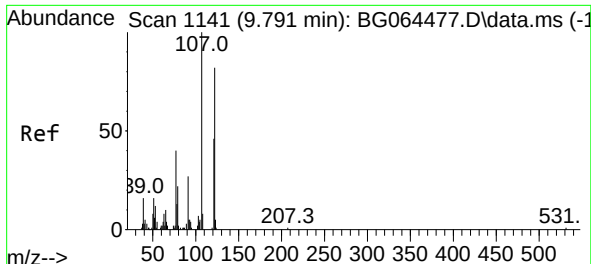
Tgt Ion: 82 Resp: 95798
Ion Ratio Lower Upper
82 100
95 10.9 7.8 11.8
138 18.5 13.8 20.6



#26
2-Nitrophenol
Concen: 46.539 ng
RT: 9.722 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:139 Resp: 26670
Ion Ratio Lower Upper
139 100
109 54.0 43.0 64.6
65 61.7 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 54.896 ng

RT: 9.786 min Scan# 1140

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

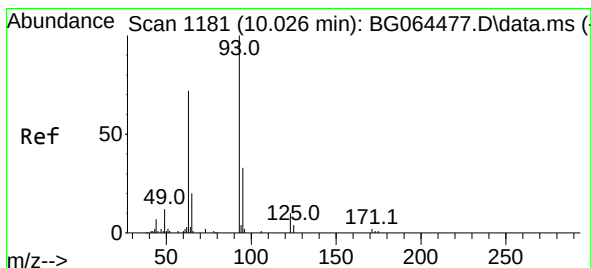
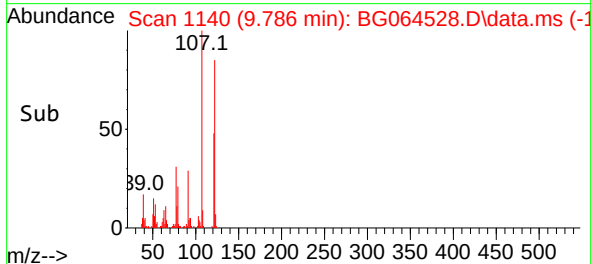
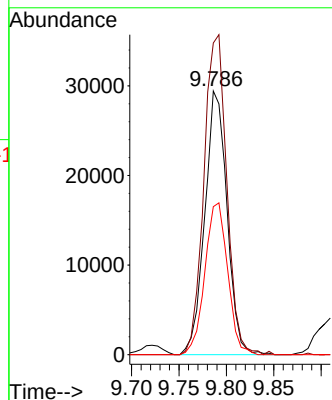
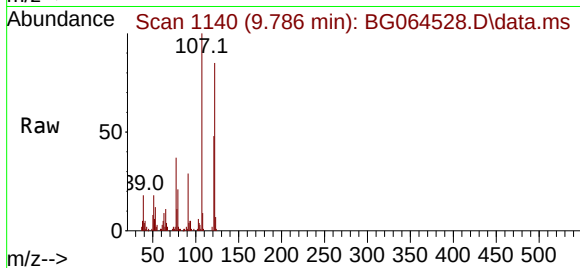
Tgt Ion:122 Resp: 48049

Ion Ratio Lower Upper

122 100

107 118.2 98.3 147.5

121 56.1 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.991 ng

RT: 10.021 min Scan# 1180

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

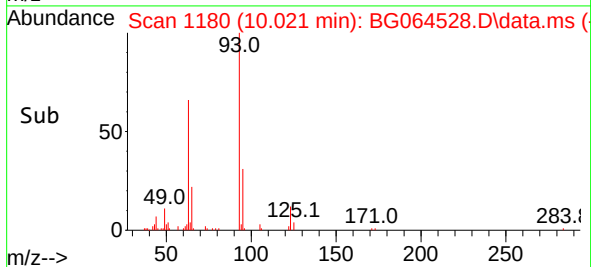
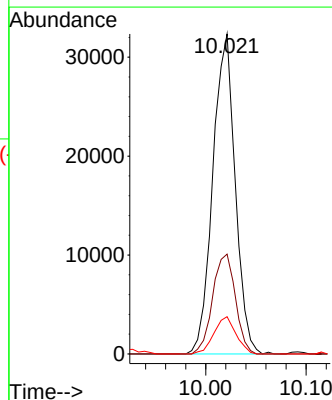
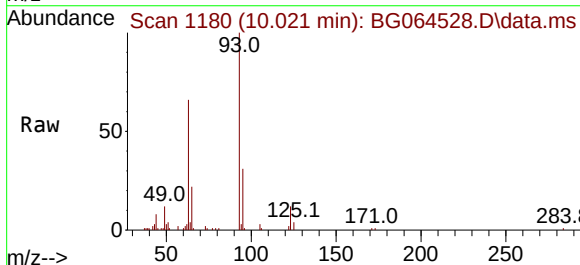
Tgt Ion: 93 Resp: 50104

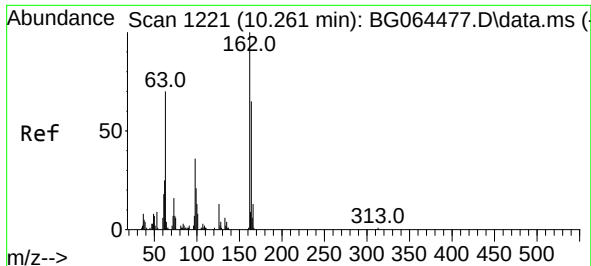
Ion Ratio Lower Upper

93 100

95 31.2 26.5 39.7

123 11.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.909 ng

RT: 10.256 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

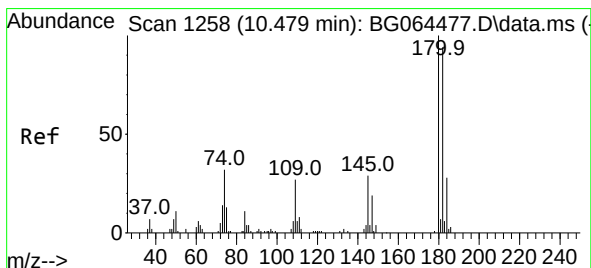
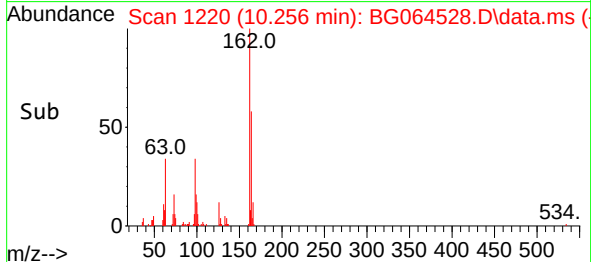
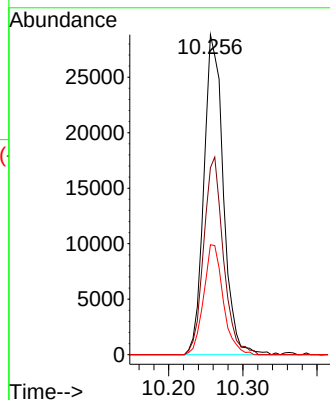
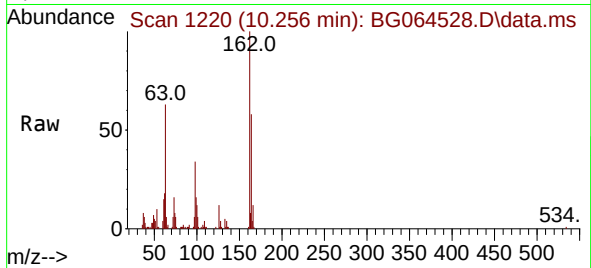
Tgt Ion:162 Resp: 52540

Ion Ratio Lower Upper

162 100

164 58.4 45.4 85.4

98 34.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 48.871 ng

RT: 10.468 min Scan# 1256

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

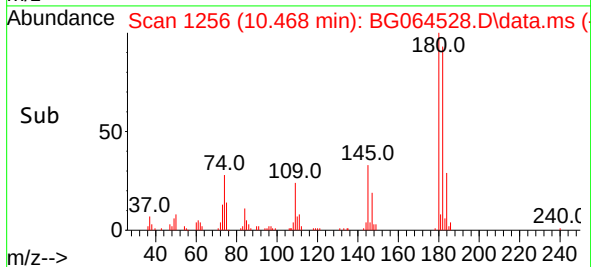
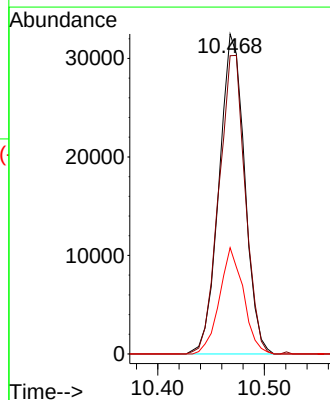
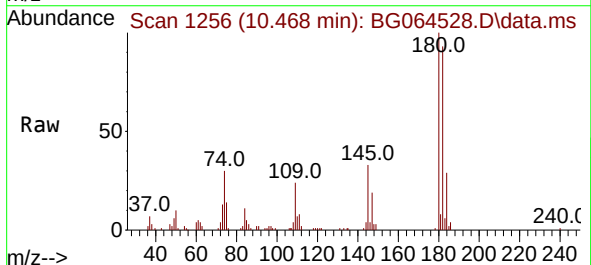
Tgt Ion:180 Resp: 53935

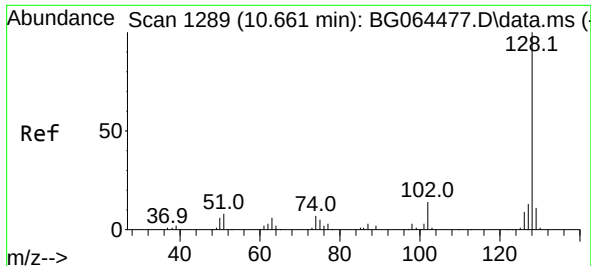
Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.2

145 33.2 23.2 34.8

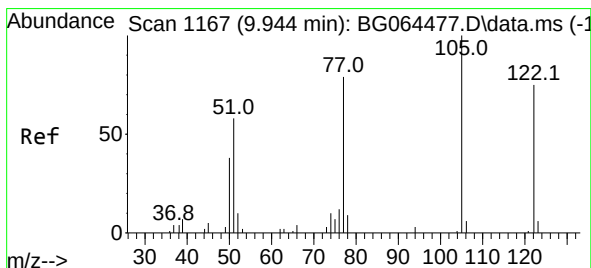
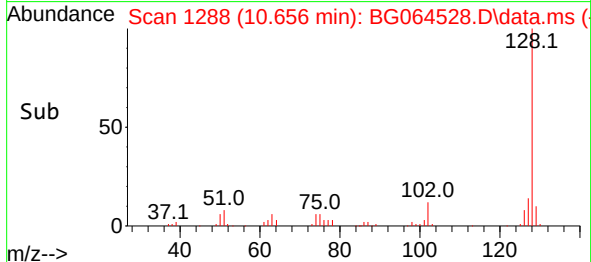
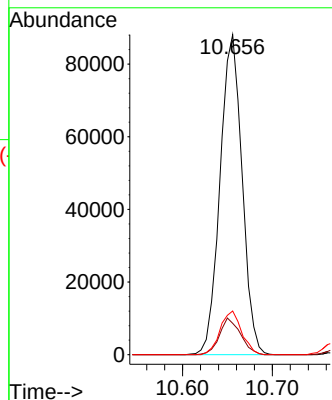
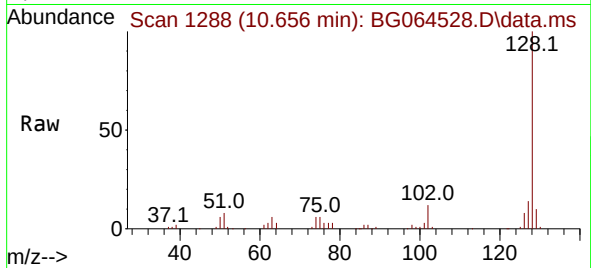




#31
Naphthalene
Concen: 46.912 ng
RT: 10.656 min Scan# 1163
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

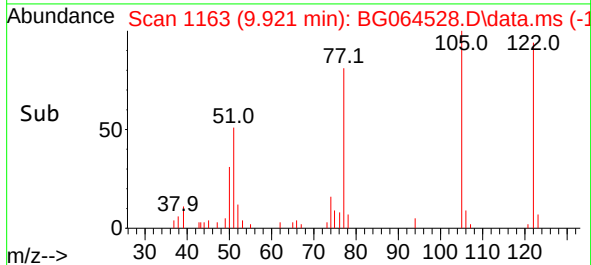
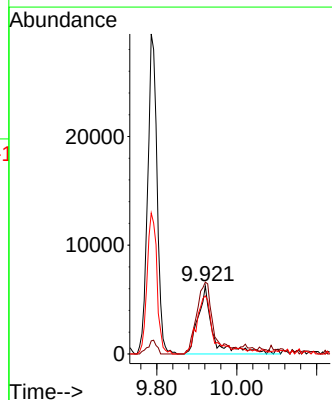
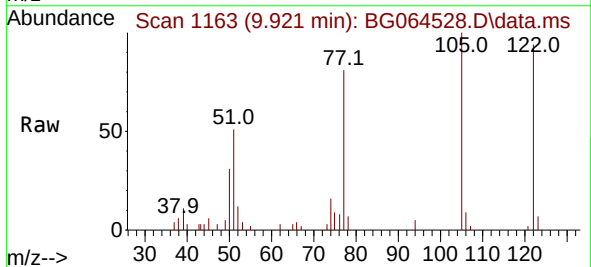
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

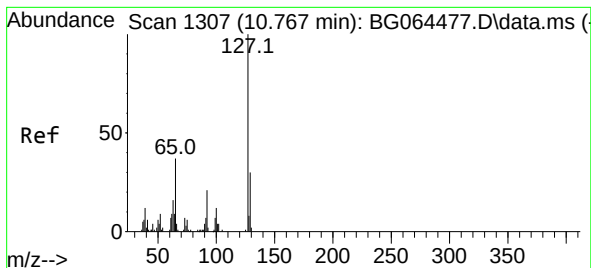
Tgt Ion:128 Resp: 149982
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 13.6 10.2 15.2



#32
Benzoic acid
Concen: 24.580 ng m
RT: 9.921 min Scan# 1163
Delta R.T. 0.033 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:122 Resp: 16518
Ion Ratio Lower Upper
122 100
105 105.8 113.9 153.9#
77 85.5 86.1 126.1#

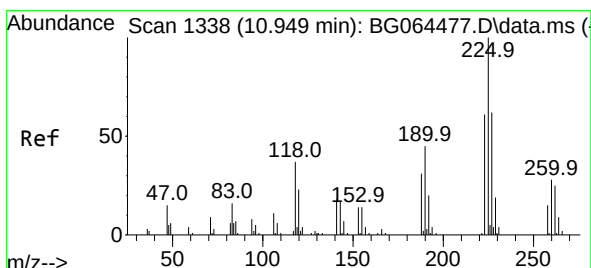
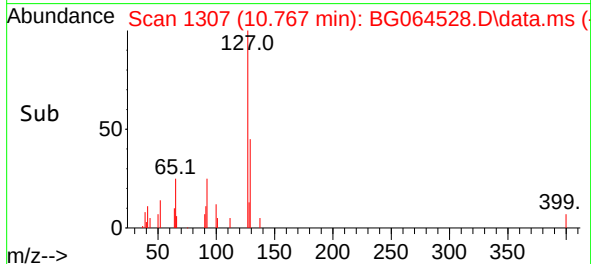
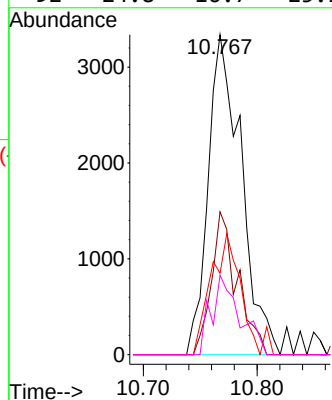
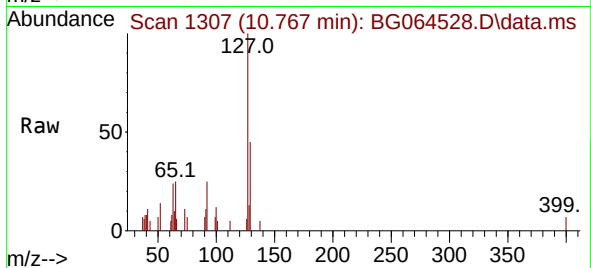




#33
4-Chloroaniline
Concen: 5.485 ng
RT: 10.767 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

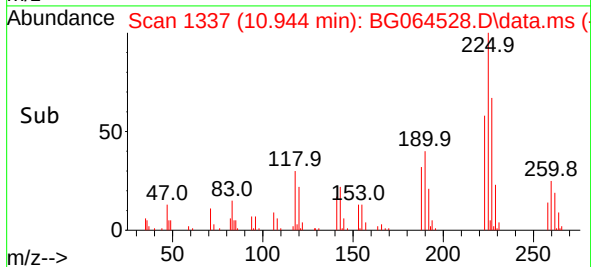
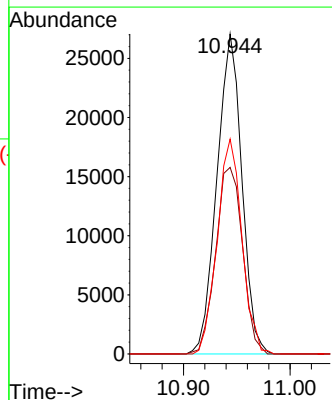
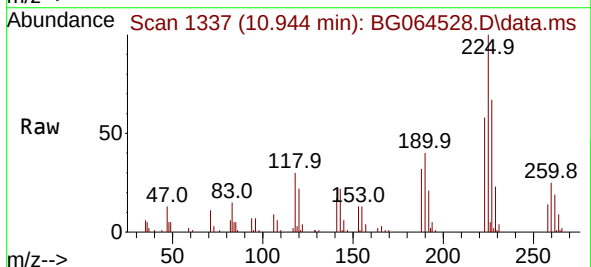
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

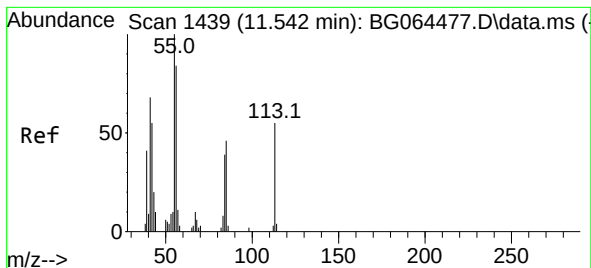
Tgt Ion:	127	Resp:	6729
Ion	Ratio	Lower	Upper
127	100		
129	44.6	24.2	36.4#
65	25.4	29.6	44.4#
92	24.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 46.471 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:	225	Resp:	43922
Ion	Ratio	Lower	Upper
225	100		
223	58.3	49.0	73.6
227	67.2	49.9	74.9

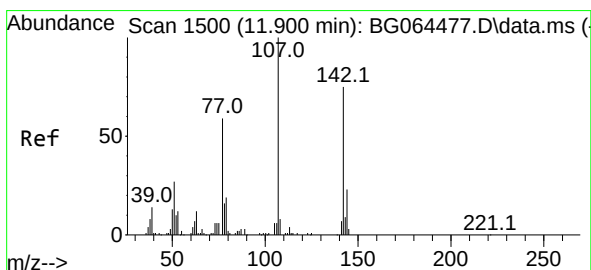
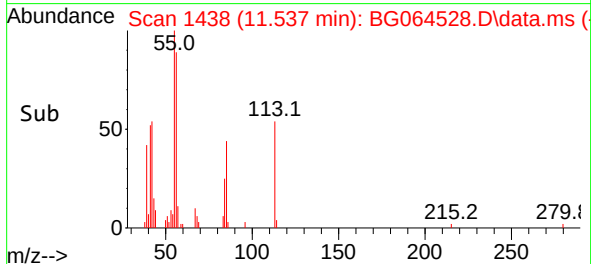
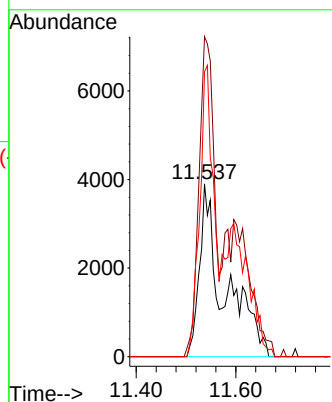
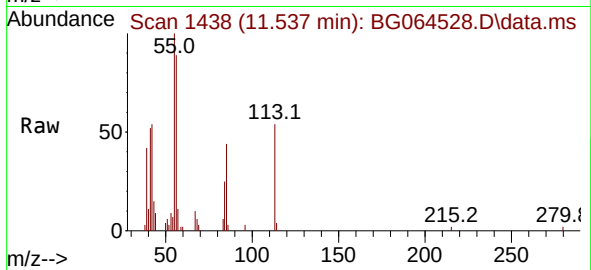




#35
 Caprolactam
 Concen: 38.863 ng m
 RT: 11.537 min Scan# 1438
 Delta R.T. 0.027 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

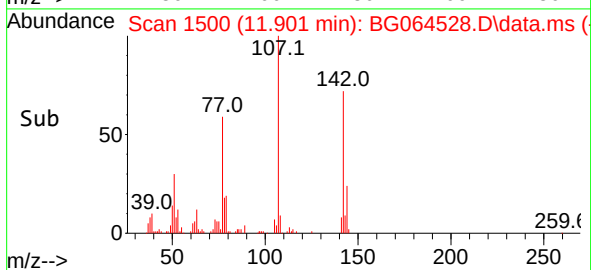
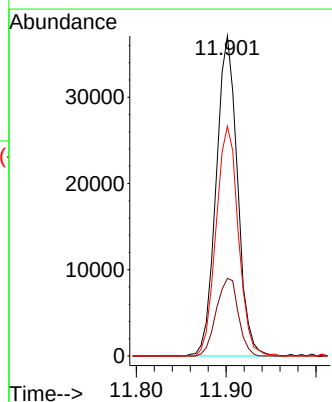
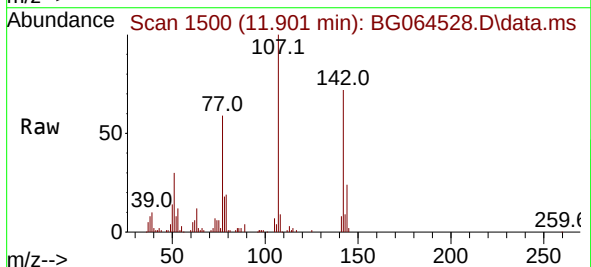
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

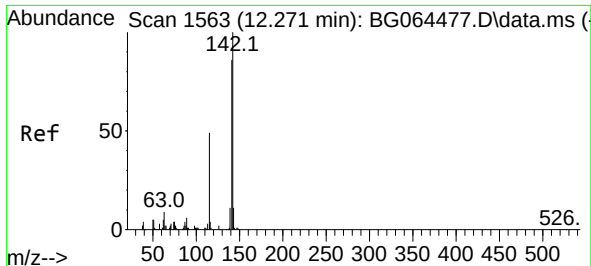
Tgt Ion:113 Resp: 13466
 Ion Ratio Lower Upper
 113 100
 55 185.2 162.0 202.0
 56 164.8 134.6 174.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.652 ng
 RT: 11.901 min Scan# 1500
 Delta R.T. 0.009 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

Tgt Ion:107 Resp: 61115
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.7 28.1
 142 71.7 60.2 90.2

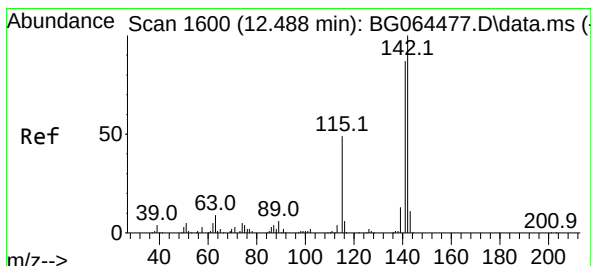
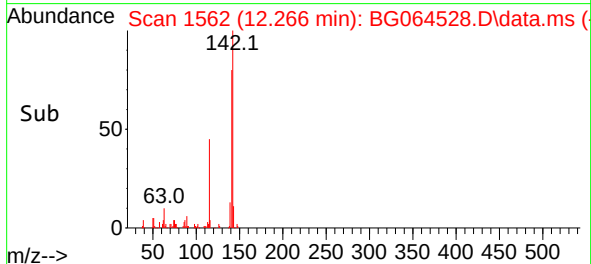
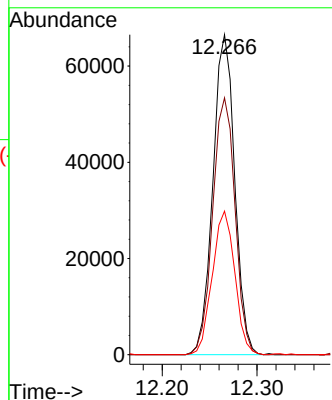
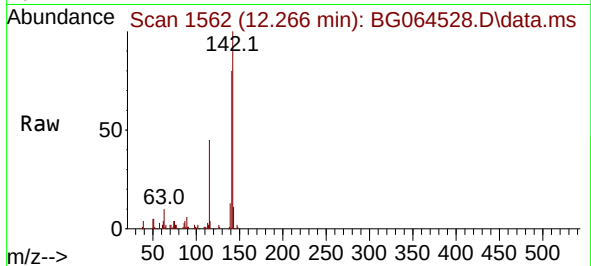




#37
2-Methylnaphthalene
Concen: 43.371 ng
RT: 12.266 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

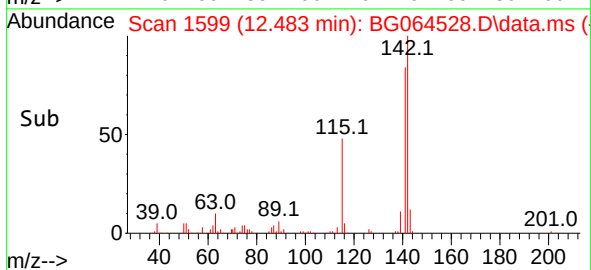
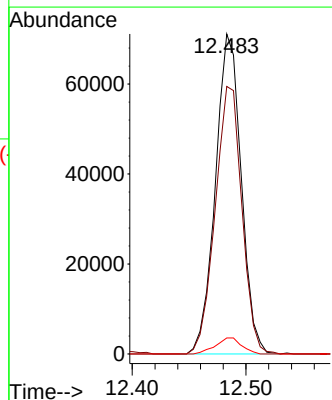
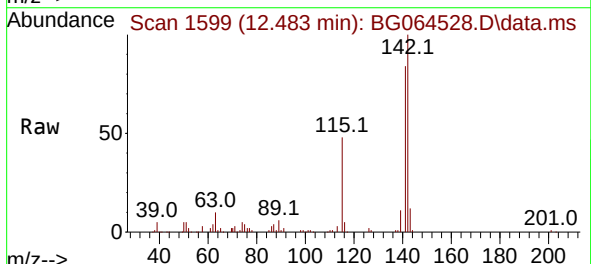
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

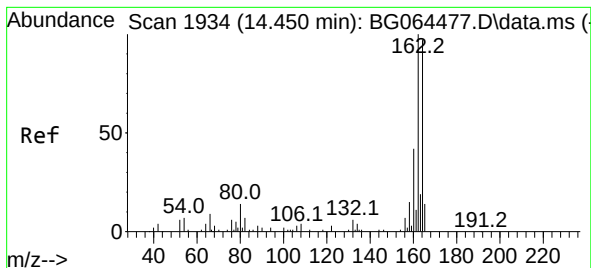
Tgt Ion:142 Resp: 106437
Ion Ratio Lower Upper
142 100
141 80.3 68.7 103.1
115 44.8 39.3 58.9



#38
1-Methylnaphthalene
Concen: 45.746 ng
RT: 12.483 min Scan# 1599
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:142 Resp: 111945
Ion Ratio Lower Upper
142 100
141 83.6 69.8 104.8
116 5.0 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

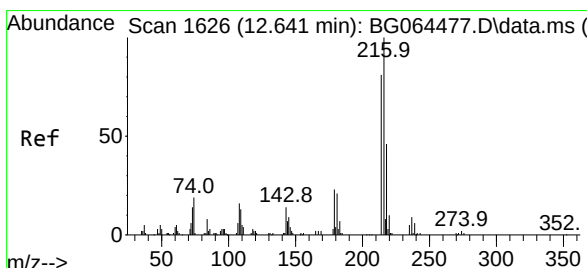
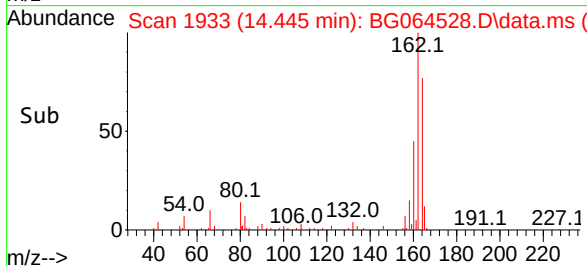
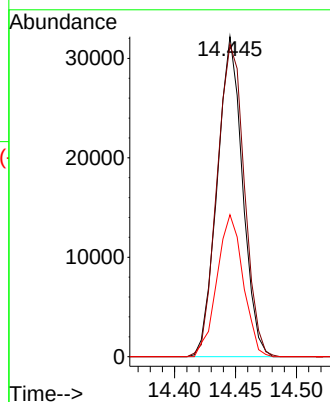
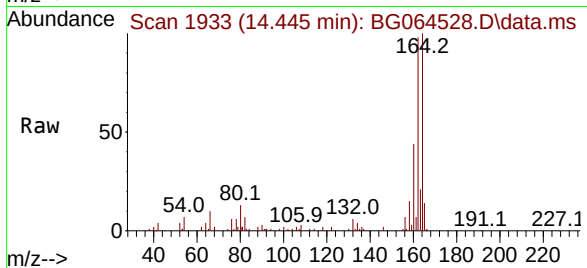
Tgt Ion:164 Resp: 46495

Ion Ratio Lower Upper

164 100

162 97.6 82.2 123.2

160 44.3 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.734 ng

RT: 12.636 min Scan# 1625

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Tgt Ion:216 Resp: 80667

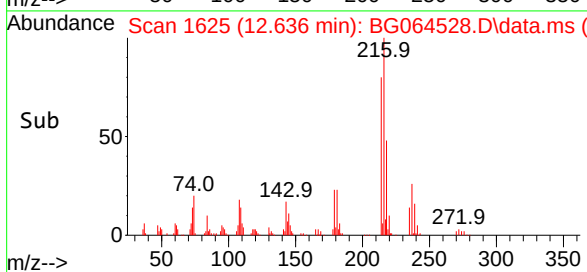
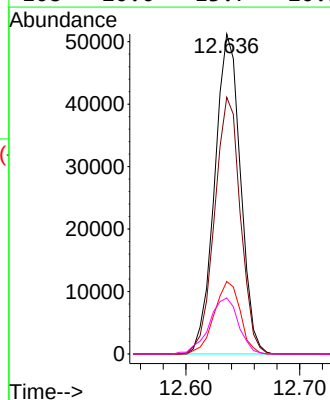
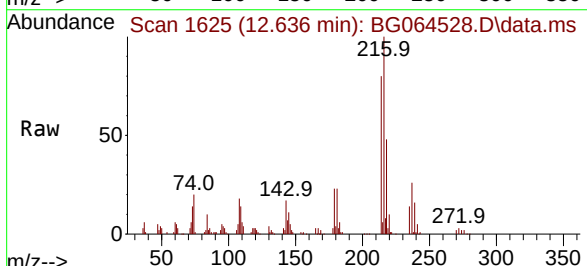
Ion Ratio Lower Upper

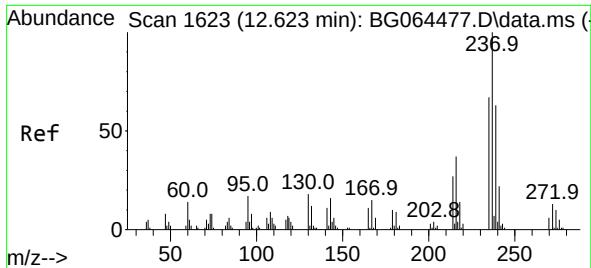
216 100

214 80.4 62.5 93.7

179 22.9 17.0 25.6

108 20.0 13.7 20.5

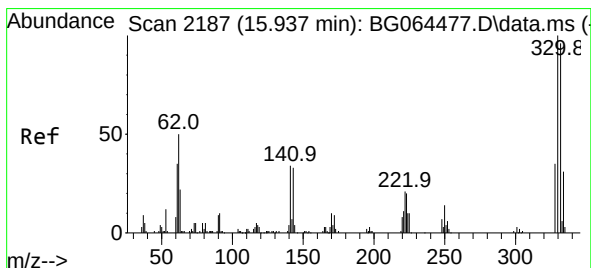
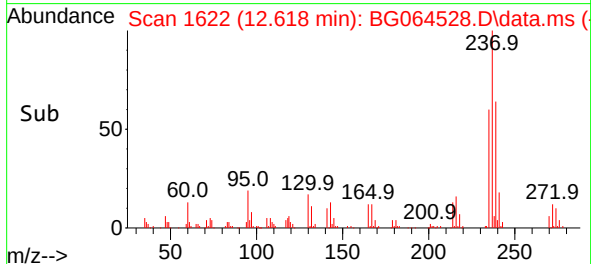
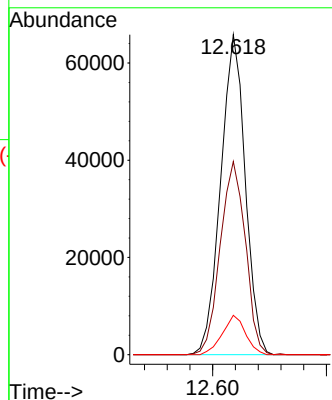
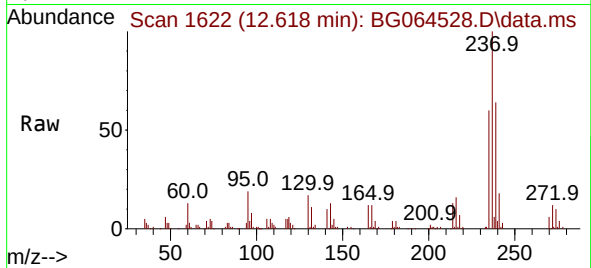




#41
Hexachlorocyclopentadiene
Concen: 125.818 ng
RT: 12.618 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

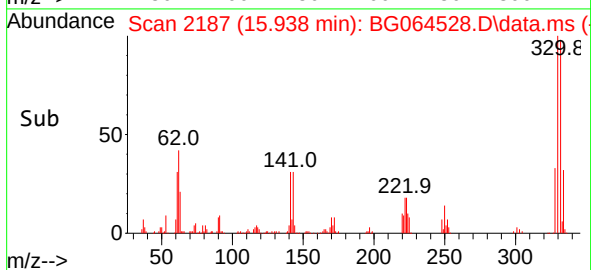
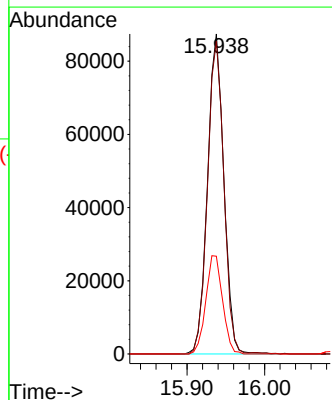
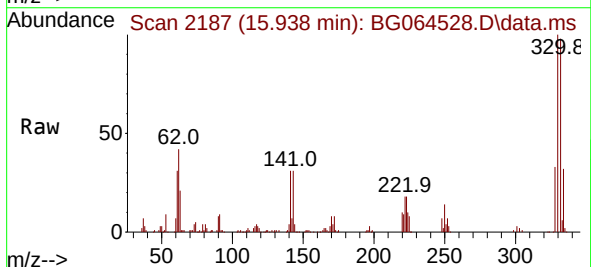
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

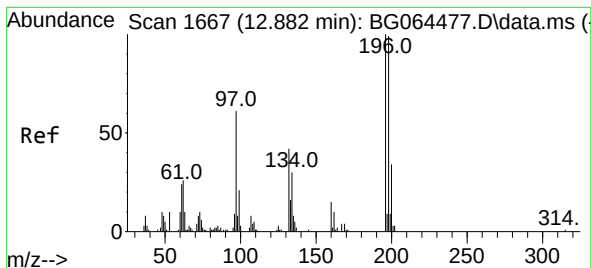
Tgt Ion:237 Resp: 98803
Ion Ratio Lower Upper
237 100
235 60.4 46.9 86.9
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 151.675 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:330 Resp: 127830
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 31.4 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 50.470 ng

RT: 12.883 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

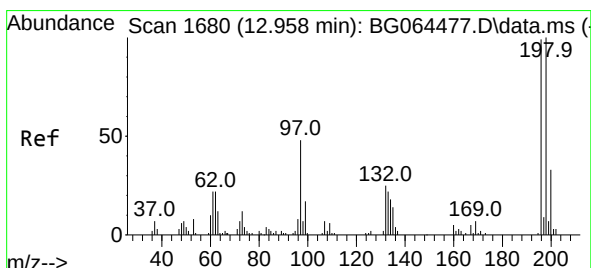
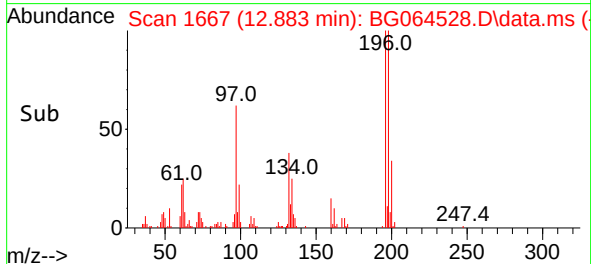
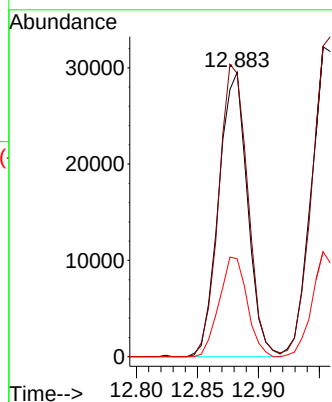
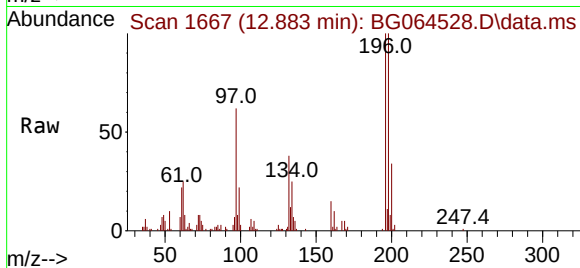
Tgt Ion:196 Resp: 48435

Ion Ratio Lower Upper

196 100

198 99.7 79.3 118.9

200 34.4 27.4 41.2



#44

2,4,5-Trichlorophenol

Concen: 51.914 ng

RT: 12.953 min Scan# 1679

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Tgt Ion:196 Resp: 55621

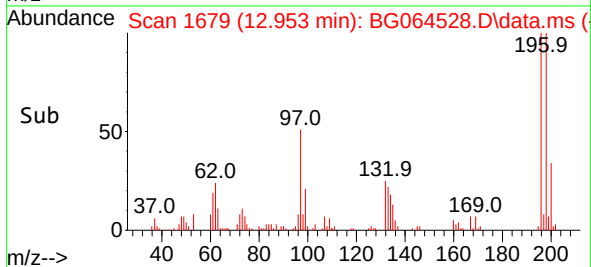
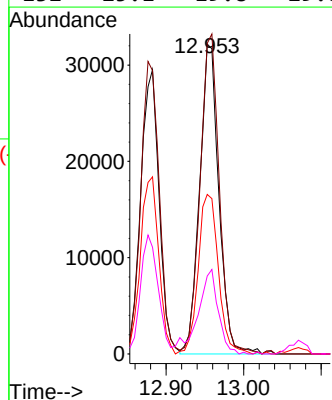
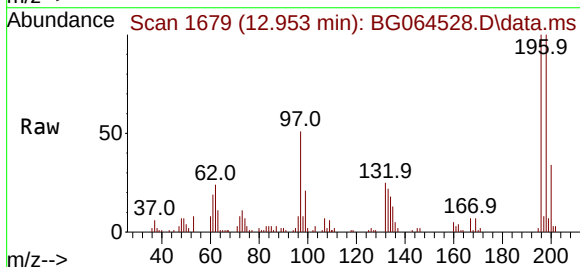
Ion Ratio Lower Upper

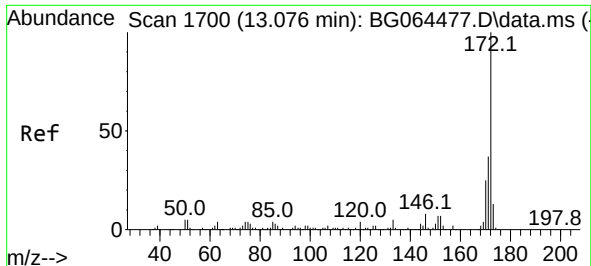
196 100

198 100.2 80.3 120.5

97 51.5 39.4 59.0

132 25.1 19.8 29.8

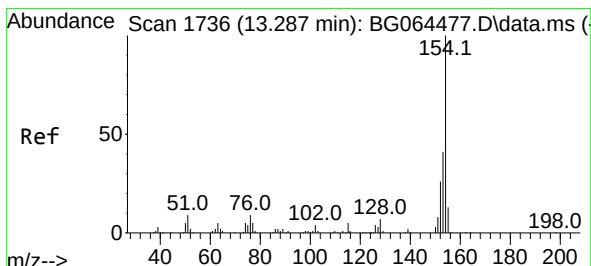
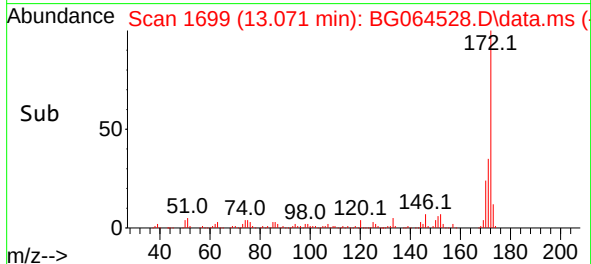
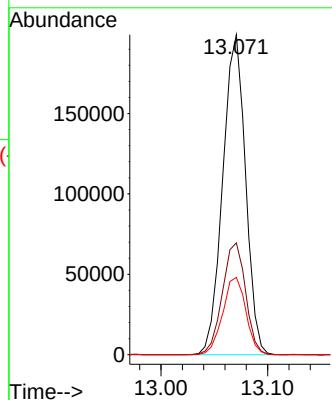
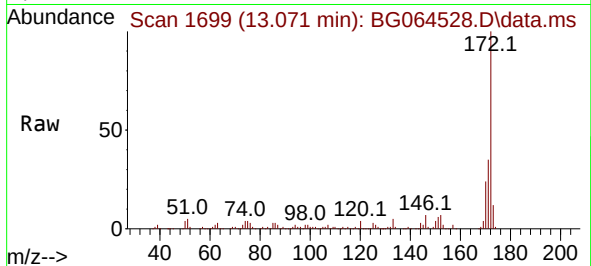




#45
2-Fluorobiphenyl
Concen: 93.444 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

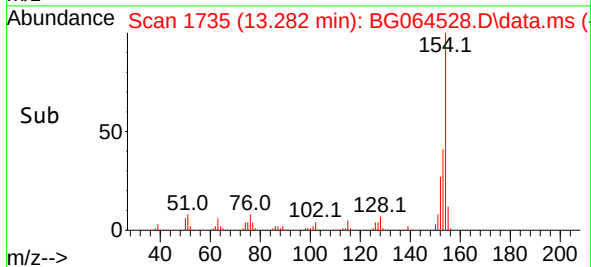
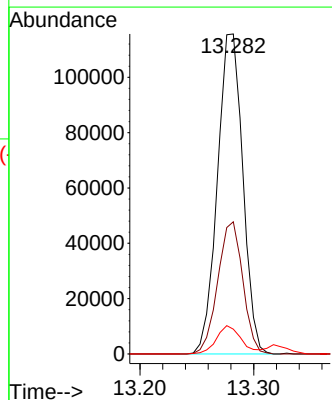
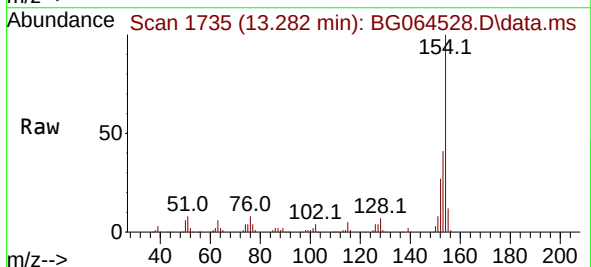
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

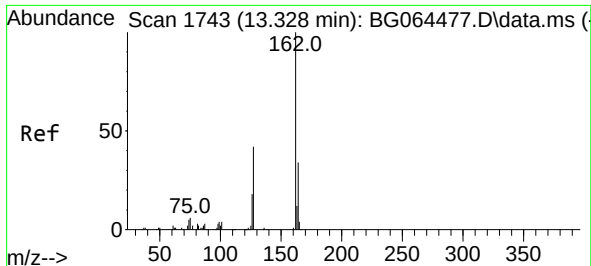
Tgt Ion:172 Resp: 294753
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 53.690 ng
RT: 13.282 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:154 Resp: 179543
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 7.7 0.0 29.3

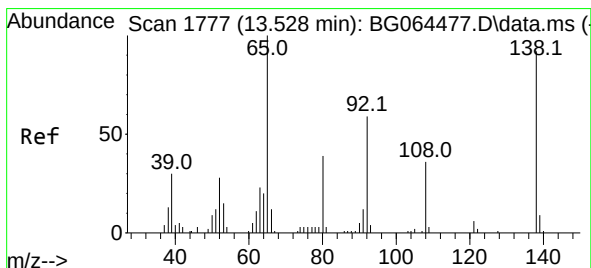
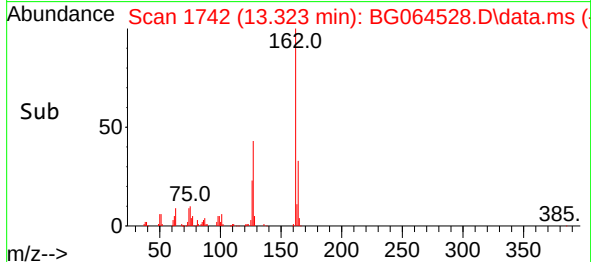
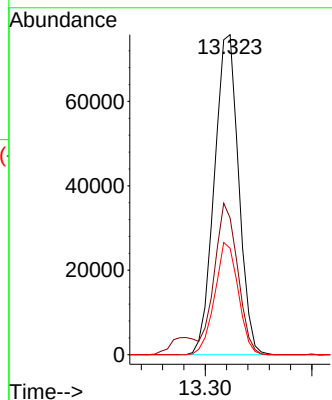
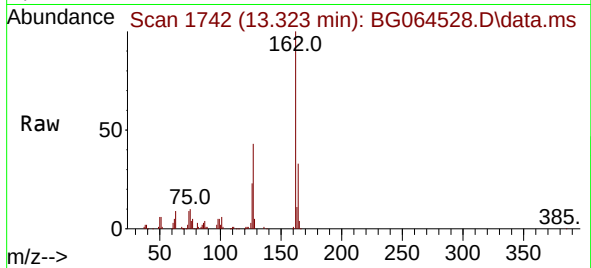




#47
2-Chloronaphthalene
Concen: 47.983 ng
RT: 13.323 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

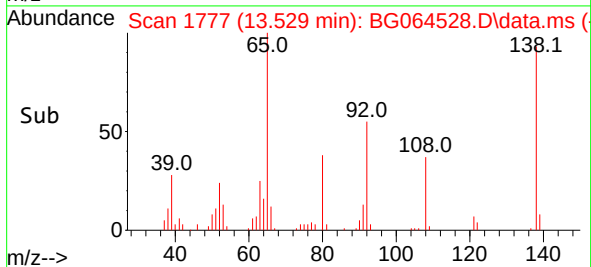
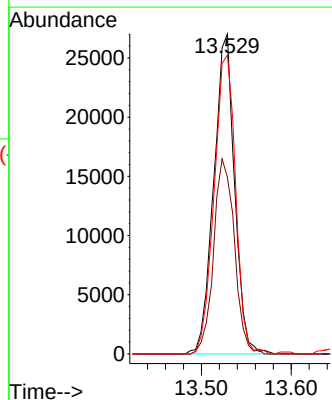
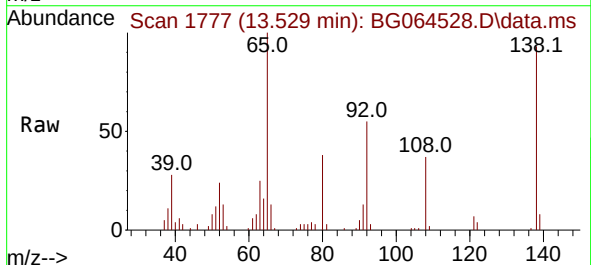
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

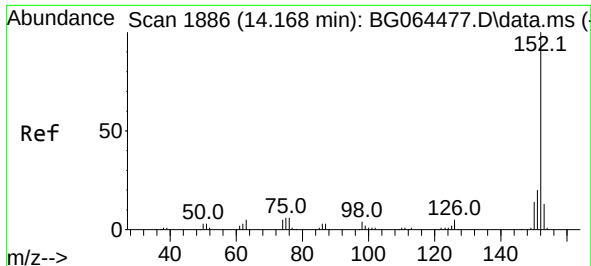
Tgt Ion:162 Resp: 119803
Ion Ratio Lower Upper
162 100
127 42.7 35.8 53.8
164 33.3 27.2 40.8



#48
2-Nitroaniline
Concen: 51.043 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion: 65 Resp: 43496
Ion Ratio Lower Upper
65 100
92 55.2 47.0 70.6
138 93.5 73.5 110.3

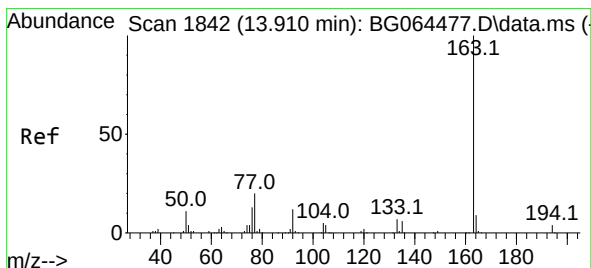
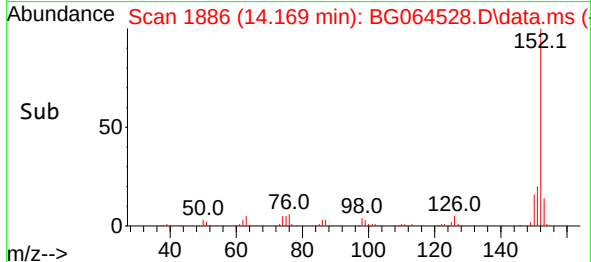
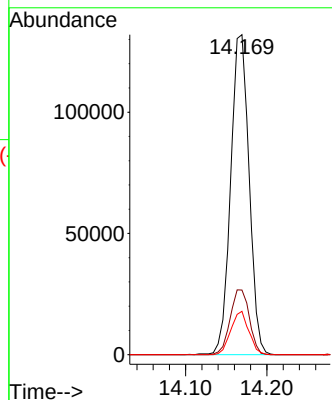
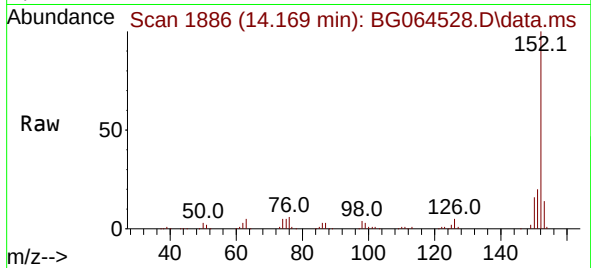




#49
Acenaphthylene
Concen: 56.049 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

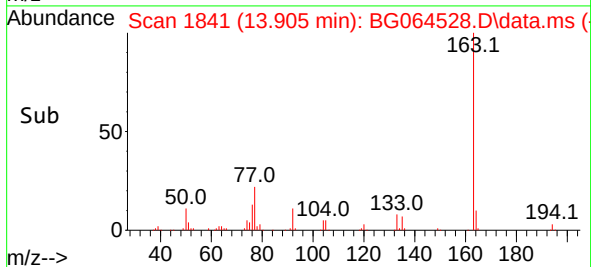
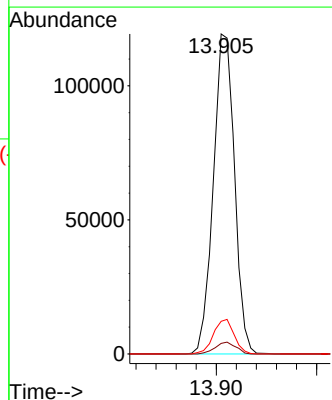
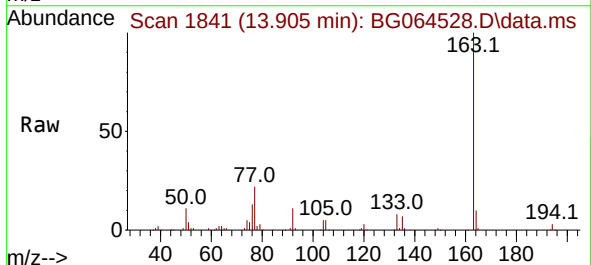
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

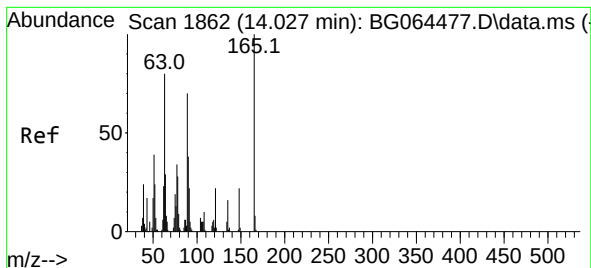
Tgt Ion:152 Resp: 207735
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 47.985 ng
RT: 13.905 min Scan# 1841
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:163 Resp: 174736
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.2 7.4 11.0

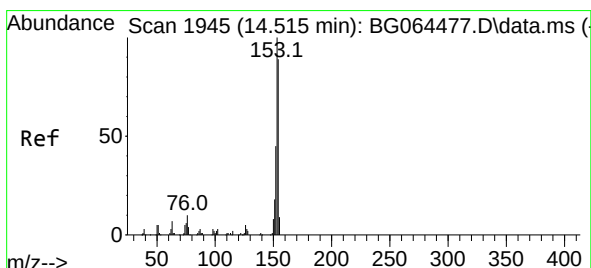
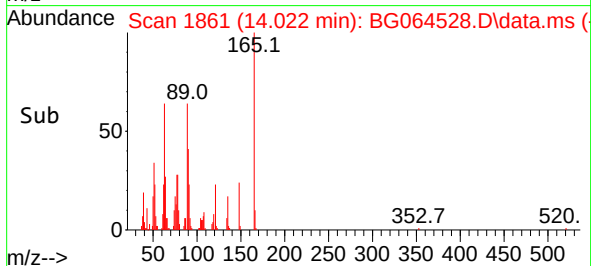
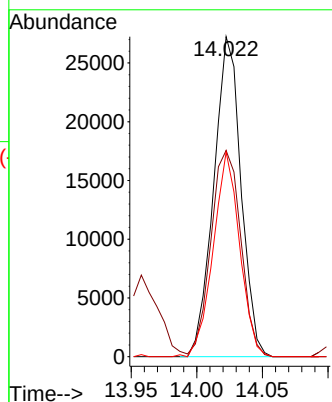
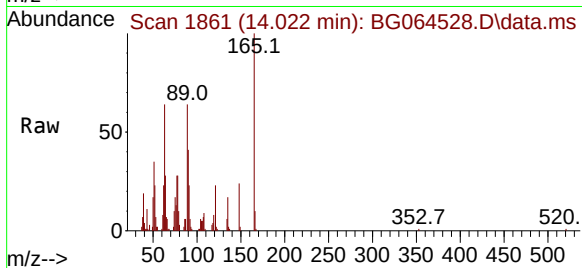




#51
2,6-Dinitrotoluene
Concen: 51.842 ng
RT: 14.022 min Scan# 1862
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

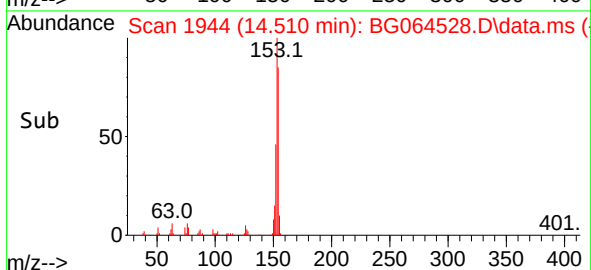
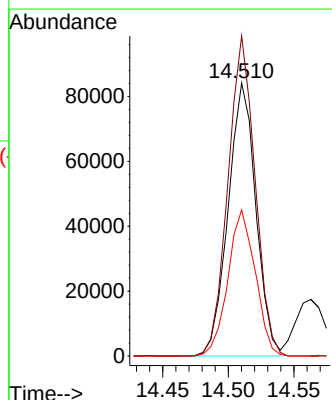
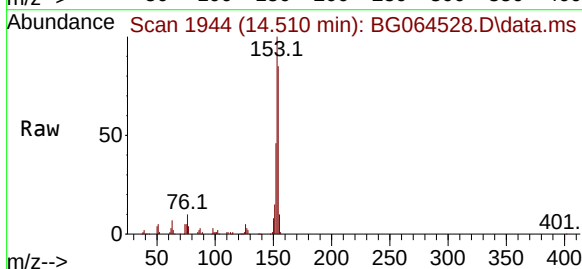
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

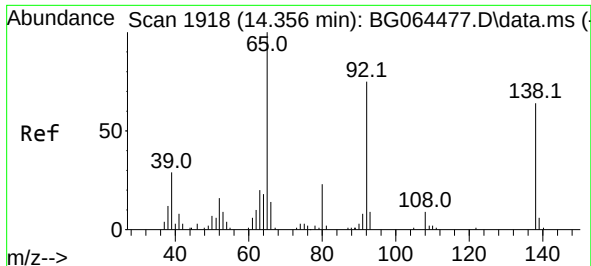
Tgt Ion:165 Resp: 39326
Ion Ratio Lower Upper
165 100
63 64.4 63.9 95.9
89 64.0 56.1 84.1



#52
Acenaphthene
Concen: 48.108 ng
RT: 14.510 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

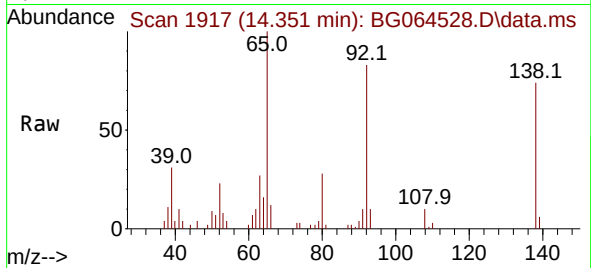
Tgt Ion:154 Resp: 123876
Ion Ratio Lower Upper
154 100
153 117.2 90.2 135.4
152 53.5 40.2 60.4



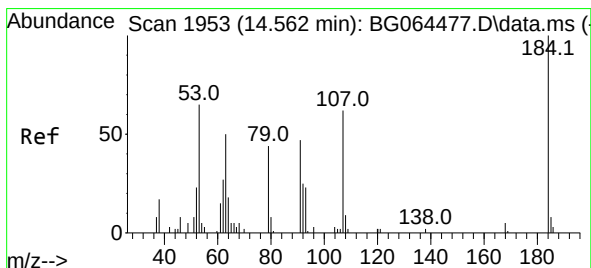
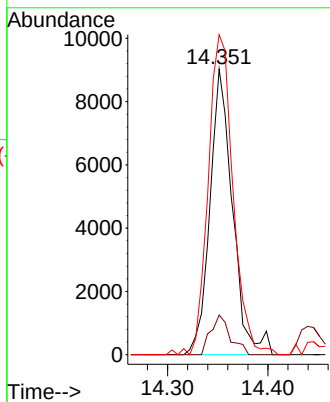
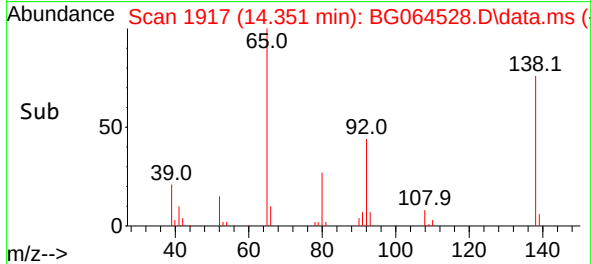


#53
3-Nitroaniline
Concen: 20.242 ng
RT: 14.351 min Scan# 1917
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

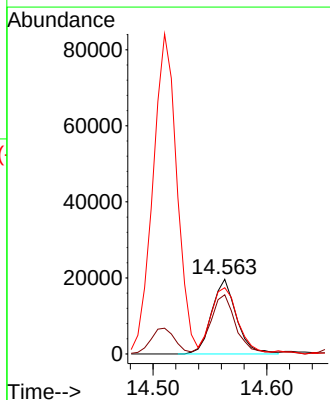
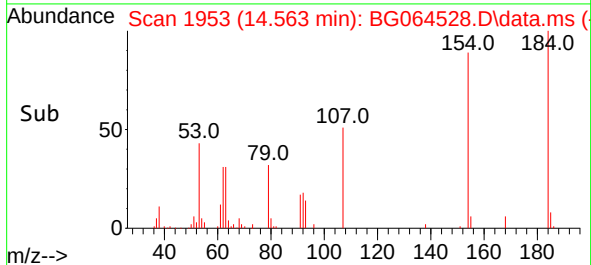
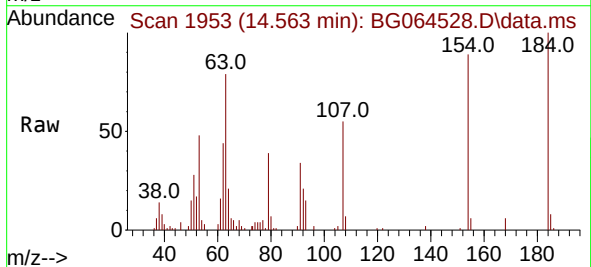


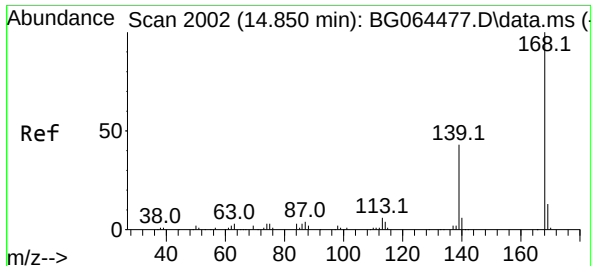
Tgt Ion:138 Resp: 14161
Ion Ratio Lower Upper
138 100
108 13.9 10.6 15.8
92 112.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 54.048 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:184 Resp: 29729
Ion Ratio Lower Upper
184 100
63 79.2 69.0 103.4
154 88.6 95.6 143.4#

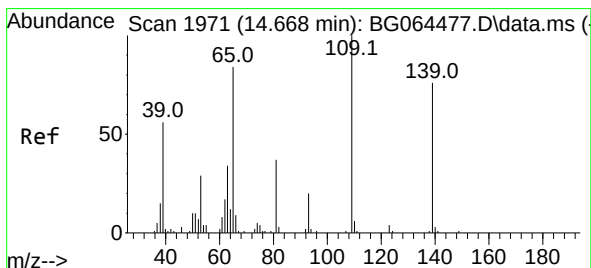
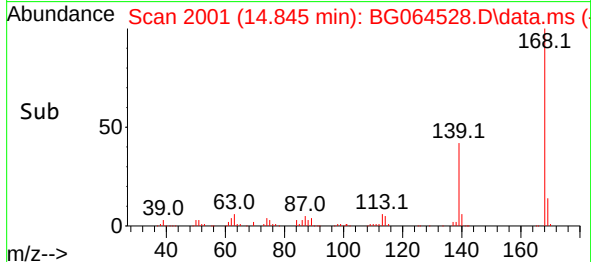
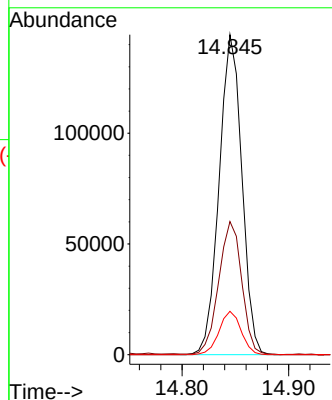
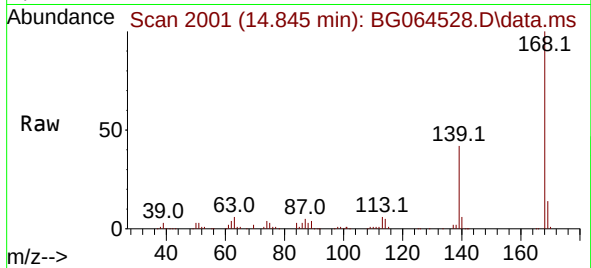




#55
Dibenzofuran
Concen: 50.180 ng
RT: 14.845 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

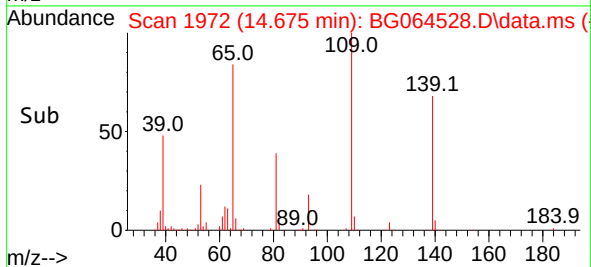
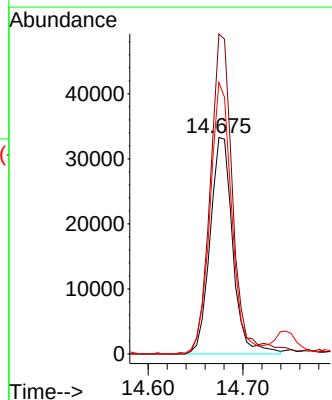
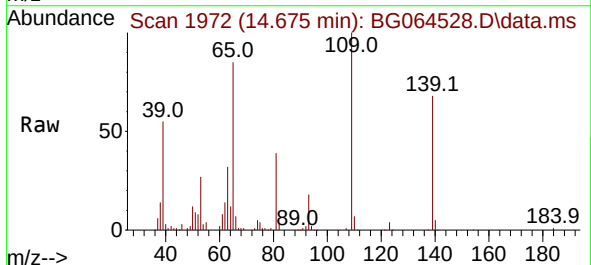
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

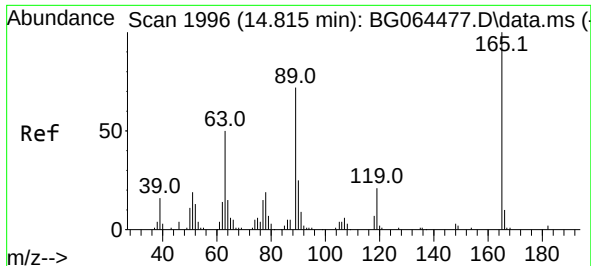
Tgt Ion:168 Resp: 213350
Ion Ratio Lower Upper
168 100
139 41.6 34.0 51.0
169 13.6 10.2 15.2



#56
4-Nitrophenol
Concen: 100.127 ng
RT: 14.675 min Scan# 1972
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:139 Resp: 55150
Ion Ratio Lower Upper
139 100
109 147.8 111.8 151.8
65 125.4 91.1 131.1





#57

2,4-Dinitrotoluene

Concen: 52.290 ng

RT: 14.816 min Scan# 1996

Delta R.T. 0.003 min

Lab File: BG064528.D

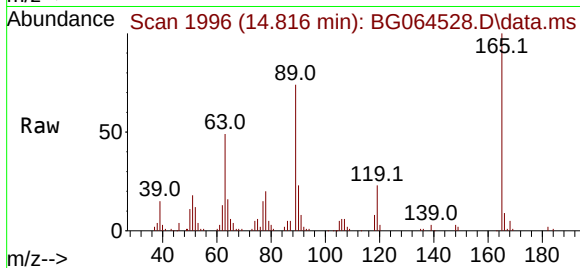
Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD



Tgt Ion:165 Resp: 60636

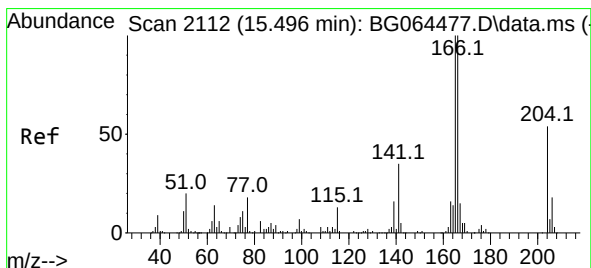
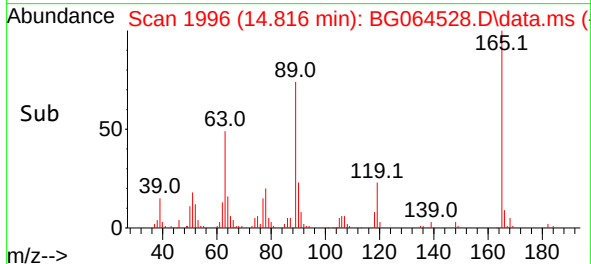
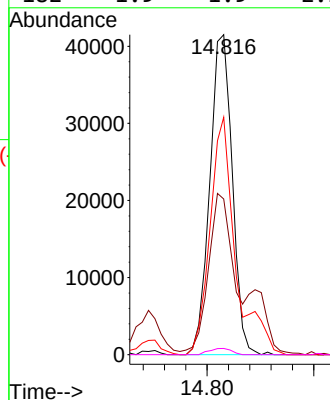
Ion Ratio Lower Upper

165 100

63 48.7 40.4 60.6

89 74.2 57.3 85.9

182 1.9 1.9 2.9



#58

Fluorene

Concen: 49.524 ng

RT: 15.497 min Scan# 2112

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

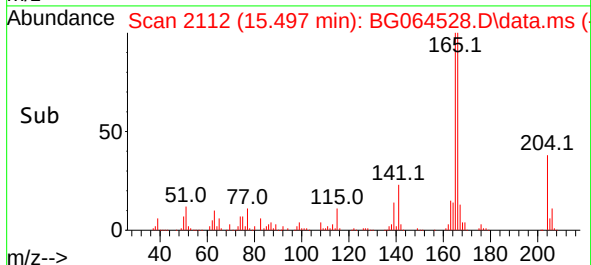
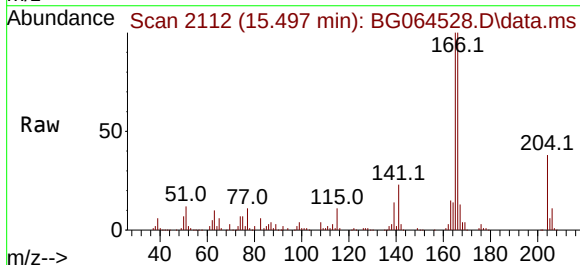
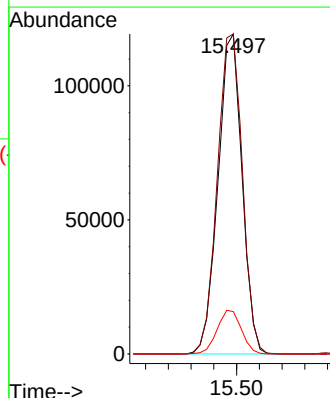
Tgt Ion:166 Resp: 175048

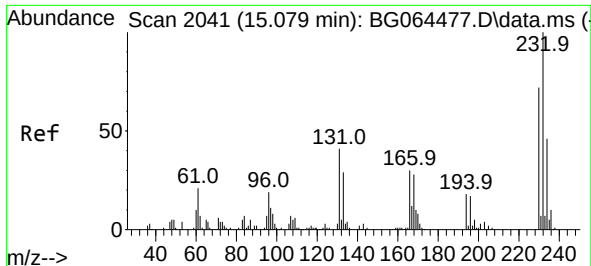
Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.6

167 13.3 11.7 17.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.489 ng m

RT: 15.074 min Scan# 2041

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

Tgt Ion:232 Resp: 59580

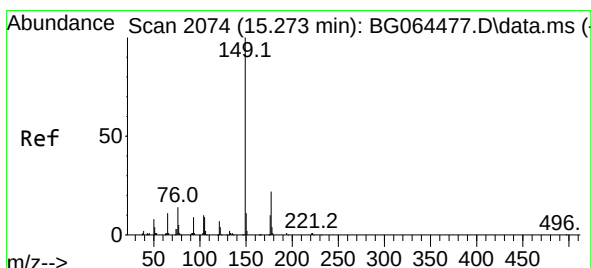
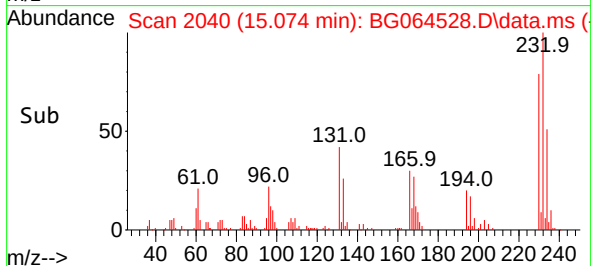
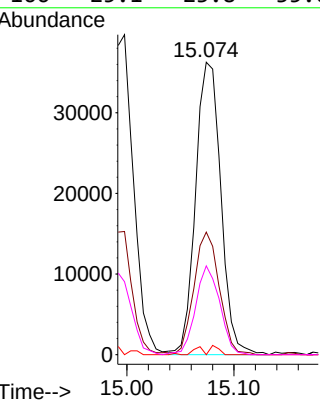
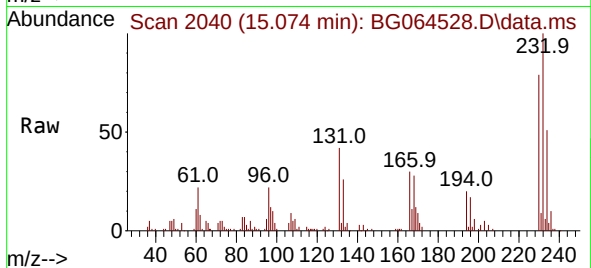
Ion Ratio Lower Upper

232 100

131 39.4 35.0 52.4

130 2.2 2.0 3.0

166 25.1 23.8 35.6



#60

Diethylphthalate

Concen: 47.878 ng

RT: 15.274 min Scan# 2074

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

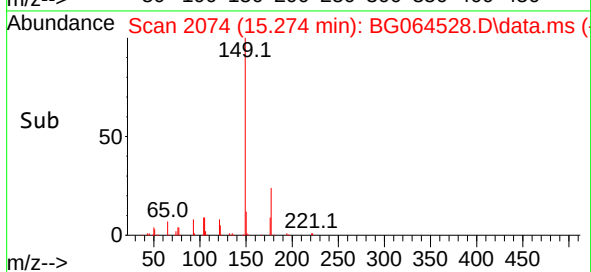
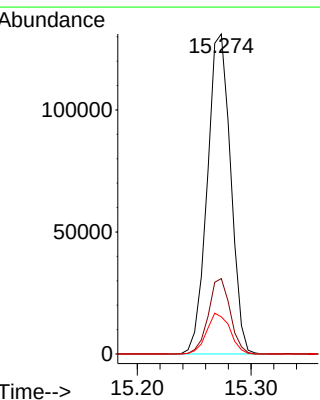
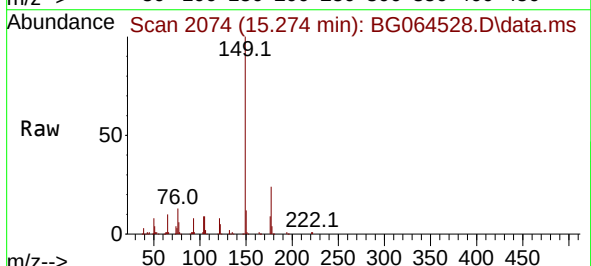
Tgt Ion:149 Resp: 187034

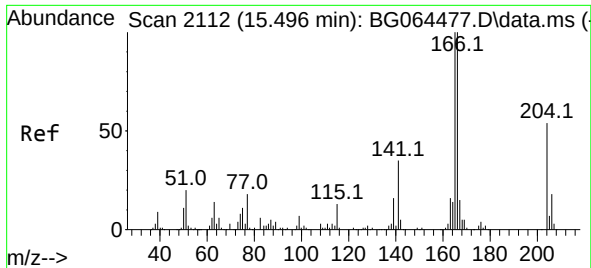
Ion Ratio Lower Upper

149 100

177 23.6 17.4 26.0

150 11.6 9.1 13.7

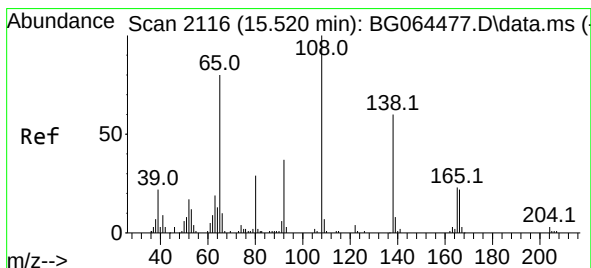
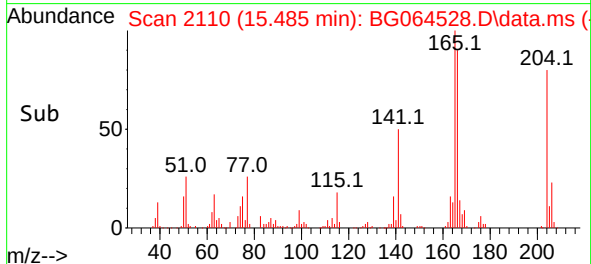
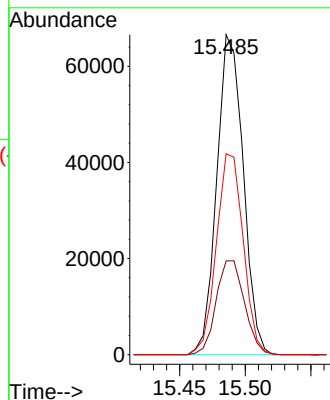
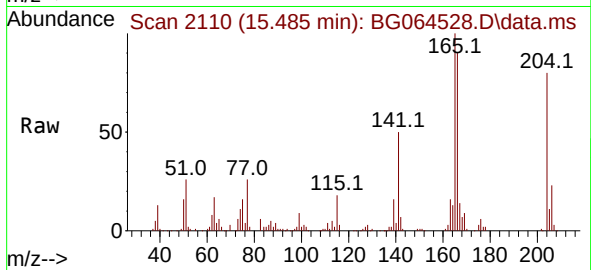




#61
4-Chlorophenyl-phenylether
Concen: 48.382 ng
RT: 15.485 min Scan# 2110
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

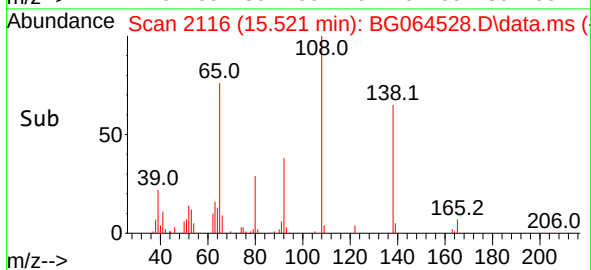
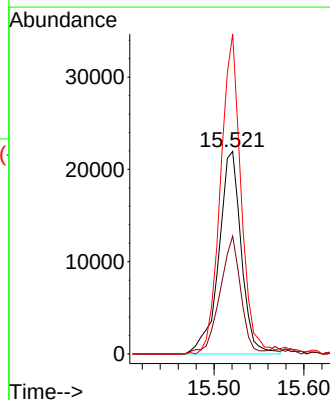
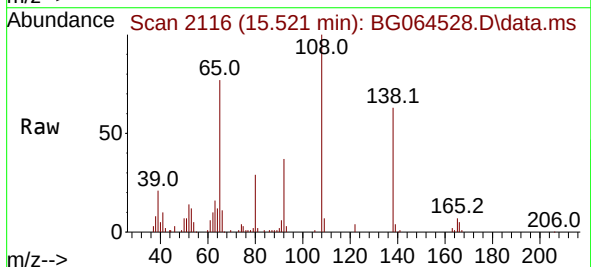
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

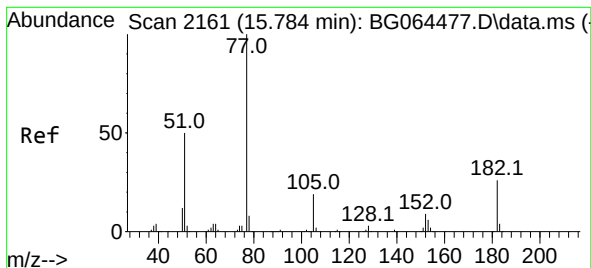
Tgt Ion:204 Resp: 93362
Ion Ratio Lower Upper
204 100
206 29.3 27.1 40.7
141 62.8 51.5 77.3



#62
4-Nitroaniline
Concen: 52.214 ng
RT: 15.521 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:138 Resp: 38072
Ion Ratio Lower Upper
138 100
92 58.2 42.3 82.3
108 158.0 147.7 187.7





#63

Azobenzene

Concen: 49.047 ng

RT: 15.779 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064528.D

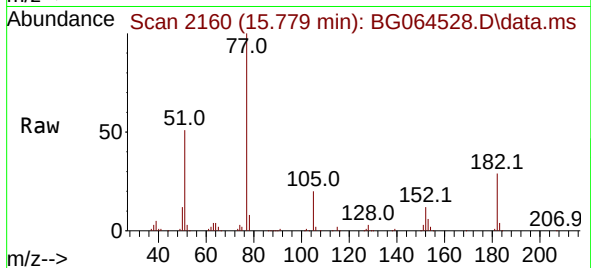
Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD



Tgt Ion: 77 Resp: 148386

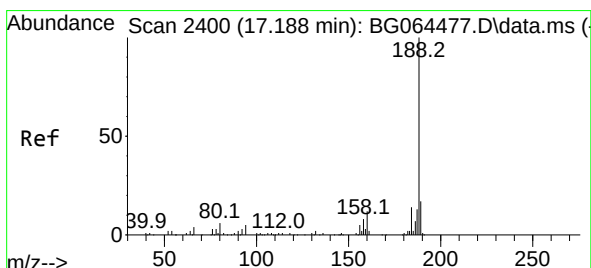
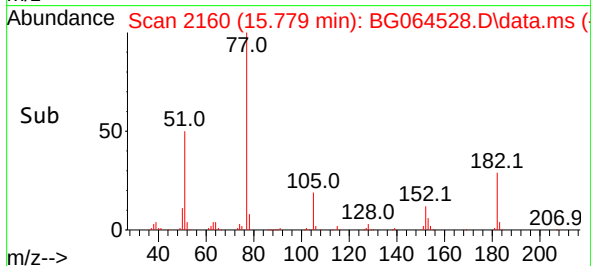
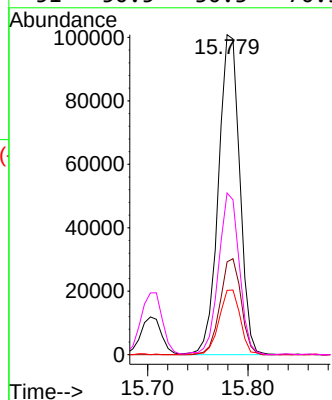
Ion Ratio Lower Upper

77 100

182 29.0 6.3 46.3

105 20.1 0.0 38.7

51 50.5 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

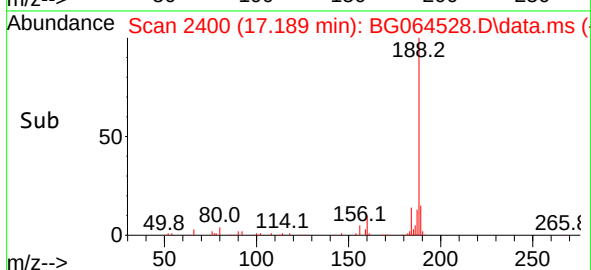
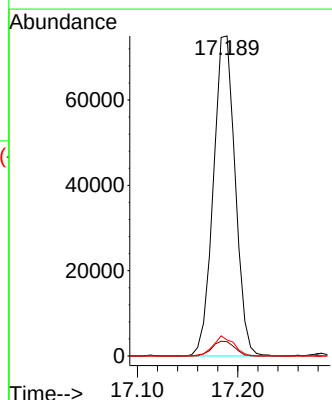
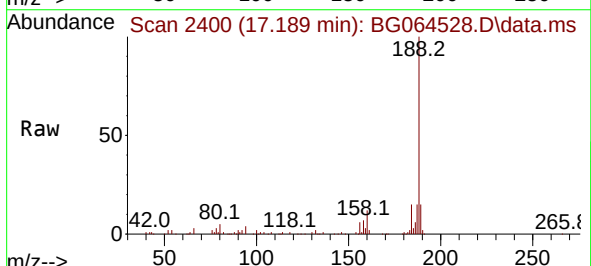
Tgt Ion:188 Resp: 113384

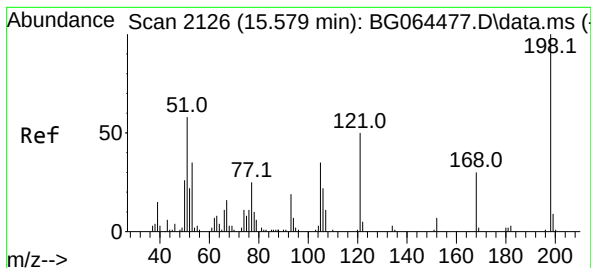
Ion Ratio Lower Upper

188 100

94 4.4 3.7 5.5

80 5.0 4.5 6.7

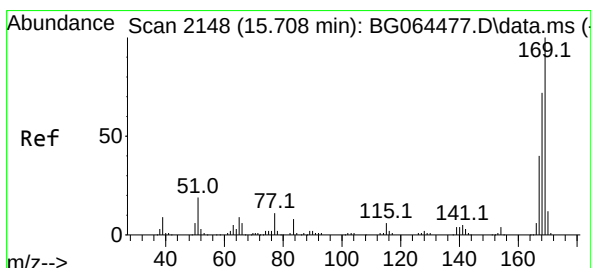
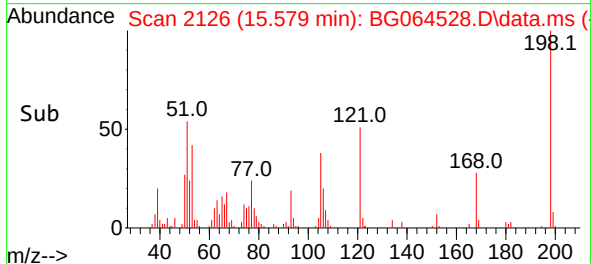
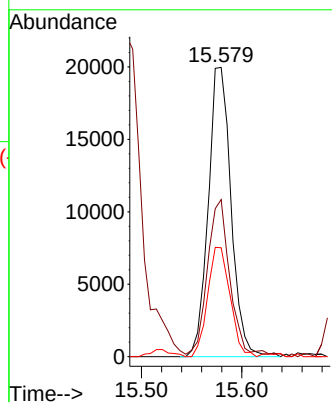
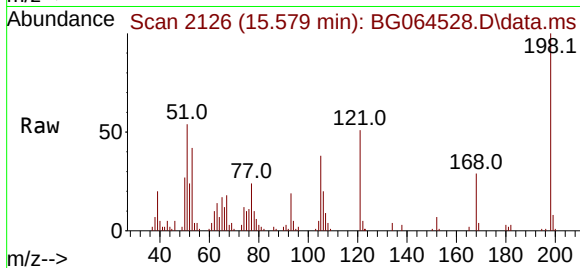




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.034 ng
 RT: 15.579 min Scan# 2126
 Delta R.T. 0.003 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

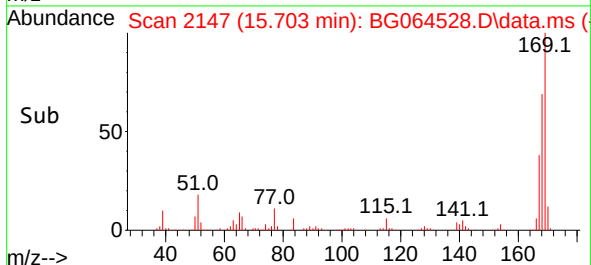
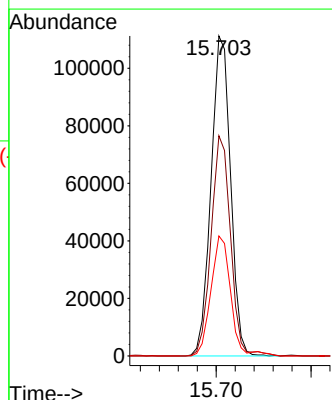
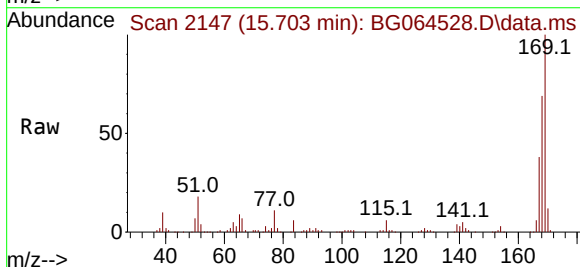
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

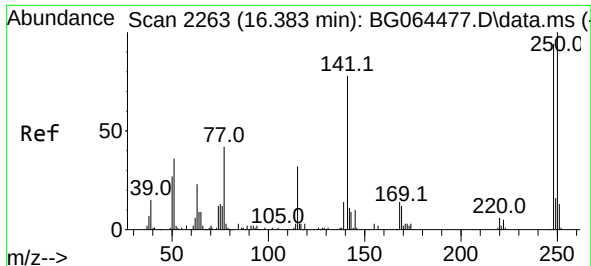
Tgt Ion:198 Resp: 31605
 Ion Ratio Lower Upper
 198 100
 51 54.3 39.0 79.0
 105 37.7 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 52.373 ng
 RT: 15.703 min Scan# 2147
 Delta R.T. -0.003 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

Tgt Ion:169 Resp: 158575
 Ion Ratio Lower Upper
 169 100
 168 68.8 57.8 86.6
 167 37.5 31.7 47.5

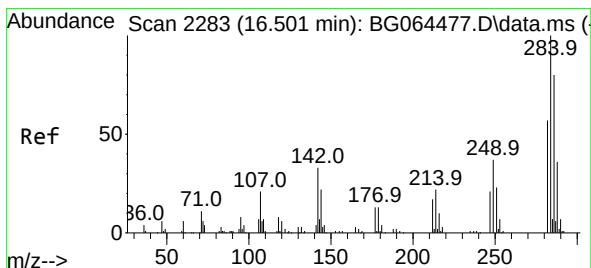
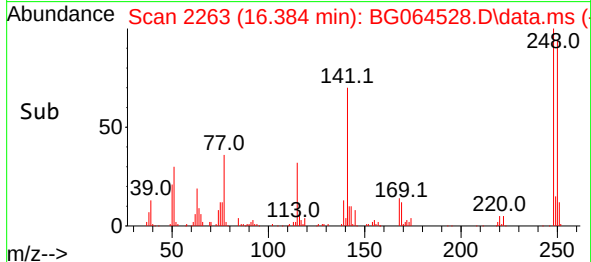
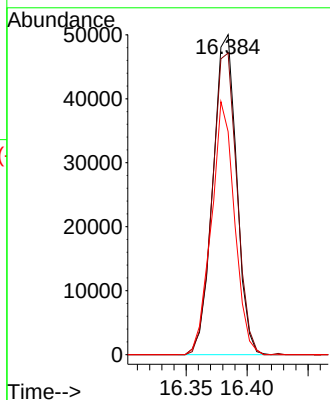
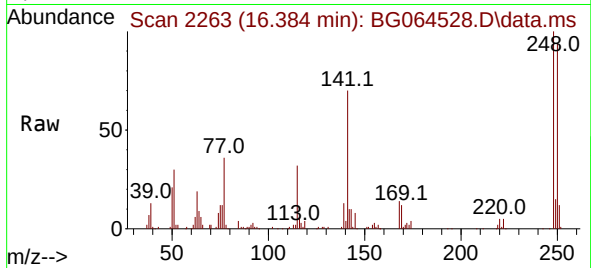




#67
4-Bromophenyl-phenylether
Concen: 50.739 ng
RT: 16.384 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

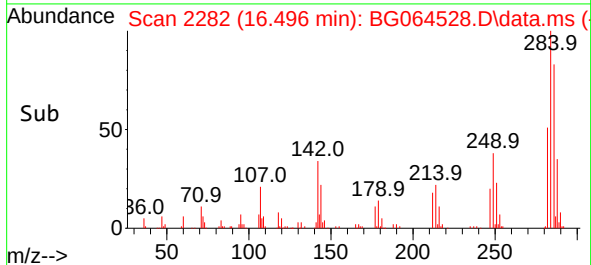
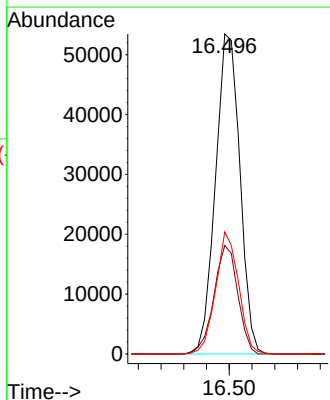
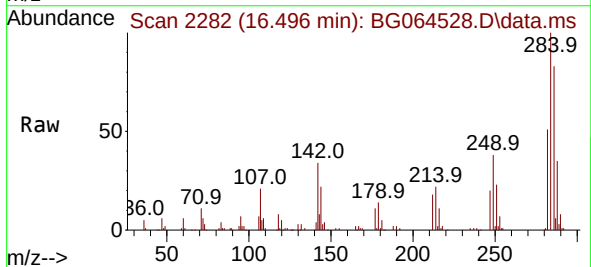
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

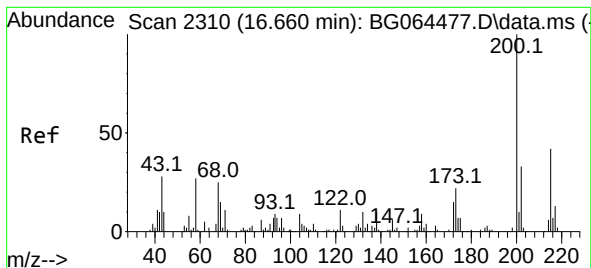
Tgt Ion:248 Resp: 67699
Ion Ratio Lower Upper
248 100
250 94.3 85.3 127.9
141 69.7 66.2 99.2



#68
Hexachlorobenzene
Concen: 52.218 ng
RT: 16.496 min Scan# 2282
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:284 Resp: 79725
Ion Ratio Lower Upper
284 100
142 33.9 26.2 39.2
249 38.2 29.4 44.0





#69

Atrazine

Concen: 54.907 ng

RT: 16.655 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

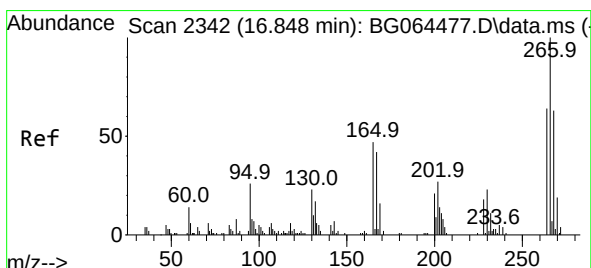
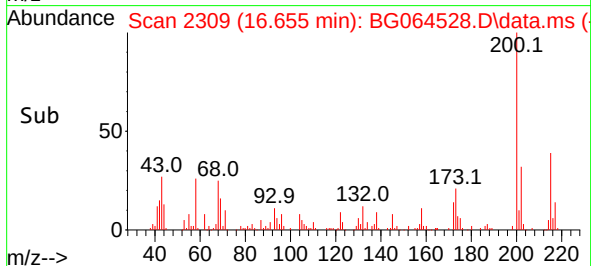
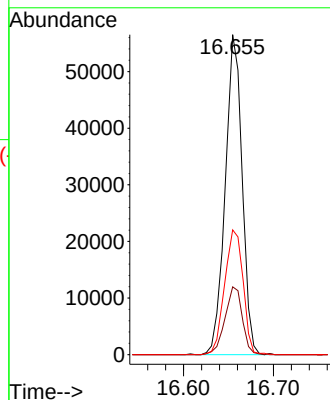
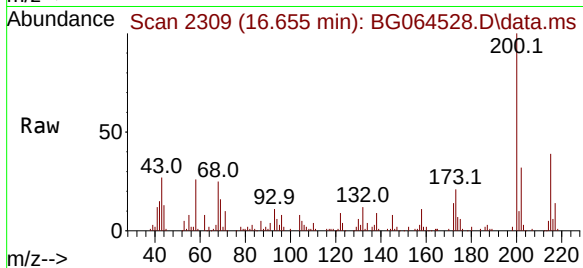
Tgt Ion:200 Resp: 73965

Ion Ratio Lower Upper

200 100

173 21.2 2.5 42.5

215 39.0 21.5 61.5



#70

Pentachlorophenol

Concen: 102.708 ng

RT: 16.843 min Scan# 2341

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

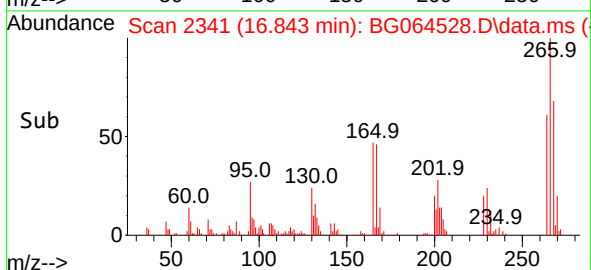
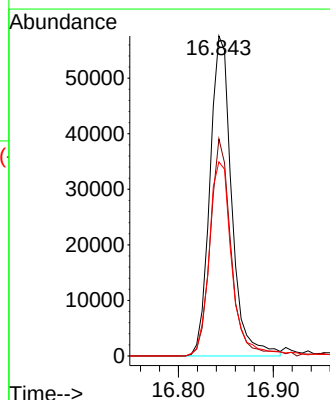
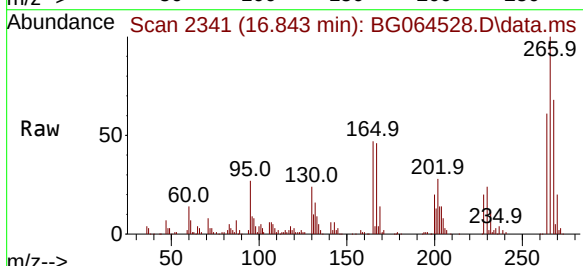
Tgt Ion:266 Resp: 91687

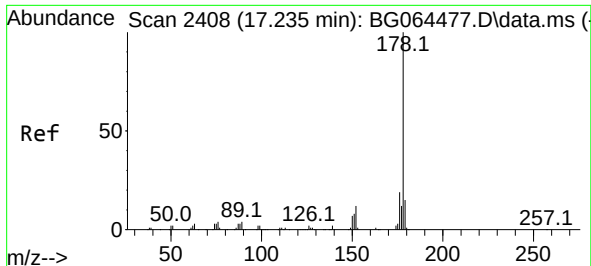
Ion Ratio Lower Upper

266 100

268 67.8 50.6 75.8

264 60.6 51.2 76.8

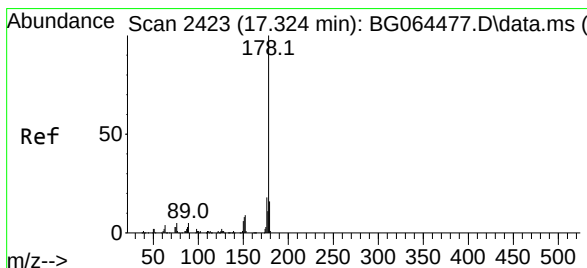
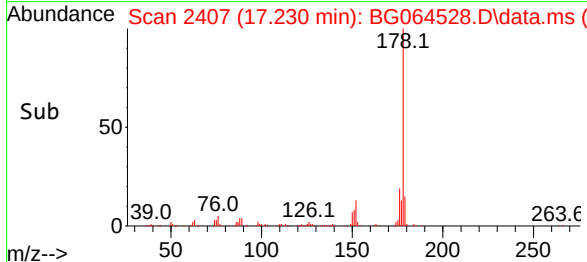
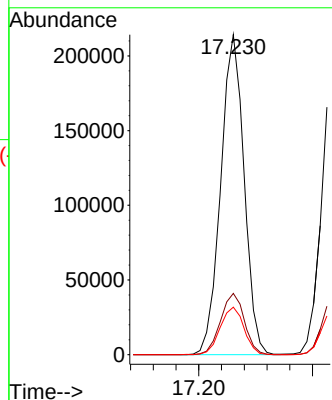
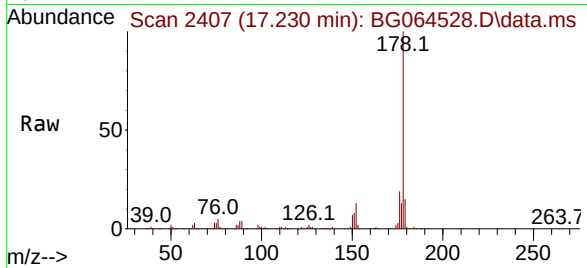




#71
Phenanthrene
Concen: 51.582 ng
RT: 17.230 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

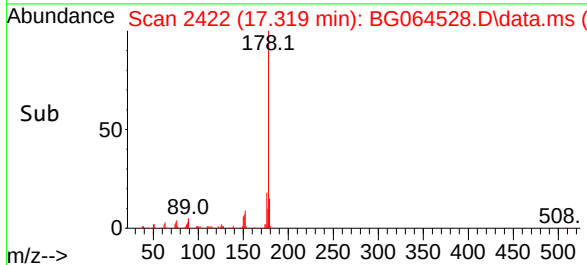
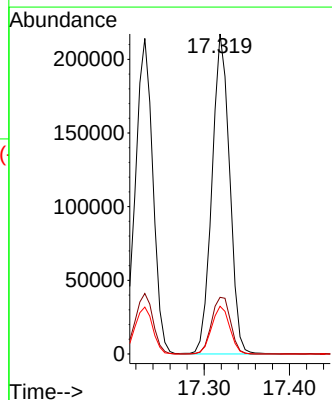
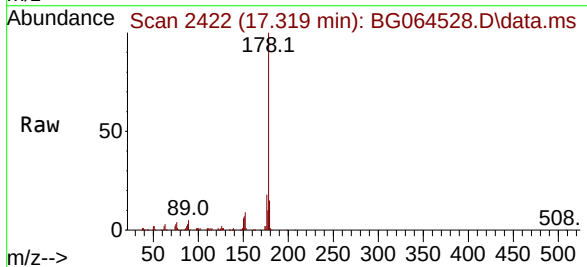
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

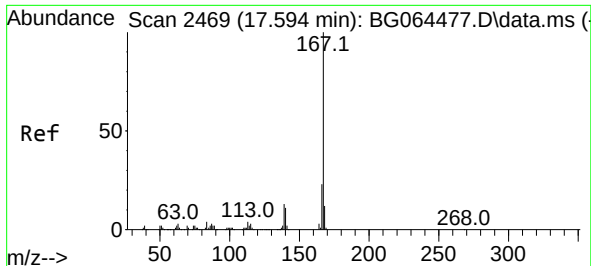
Tgt Ion:178 Resp: 305853
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 14.9 11.8 17.6



#72
Anthracene
Concen: 52.456 ng
RT: 17.319 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:178 Resp: 312033
Ion Ratio Lower Upper
178 100
176 17.7 14.6 21.8
179 14.9 12.5 18.7

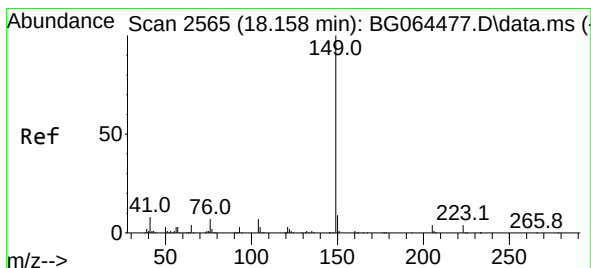
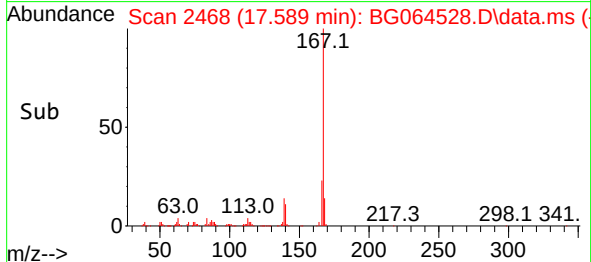
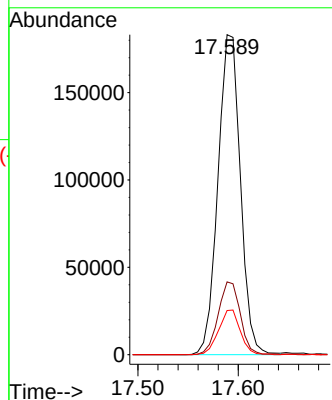
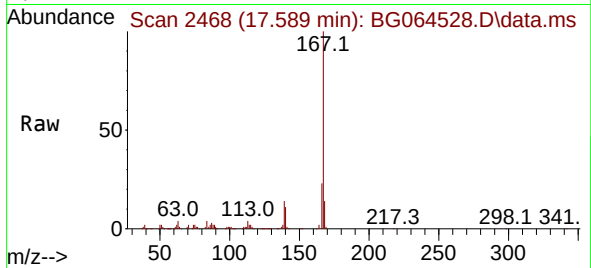




#73
 Carbazole
 Concen: 55.300 ng
 RT: 17.589 min Scan# 2468
 Delta R.T. -0.003 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

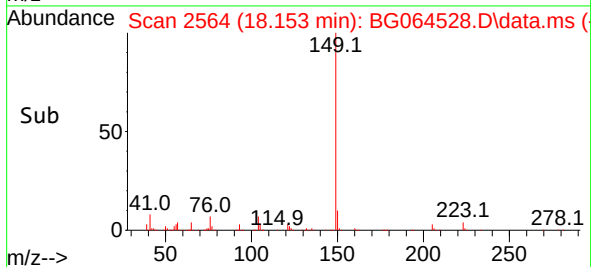
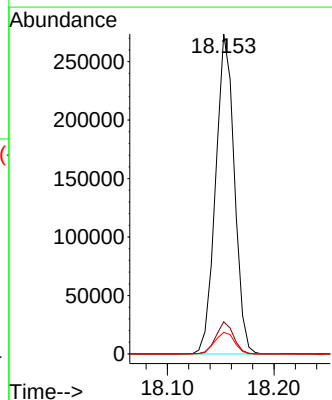
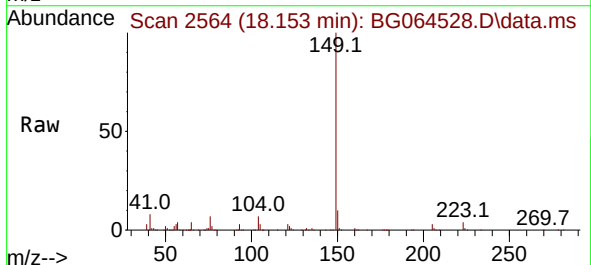
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MSD

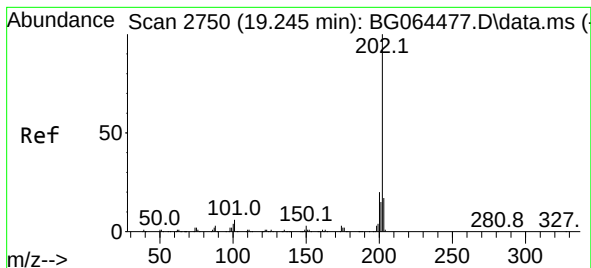
Tgt Ion:167 Resp: 284339
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.6 27.8
 139 13.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 53.029 ng
 RT: 18.153 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BG064528.D
 Acq: 16 Oct 2025 23:05

Tgt Ion:149 Resp: 332849
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.2
 104 6.7 5.3 7.9





#75

Fluoranthene

Concen: 55.533 ng

RT: 19.240 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

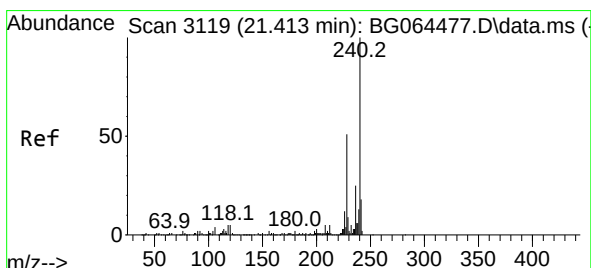
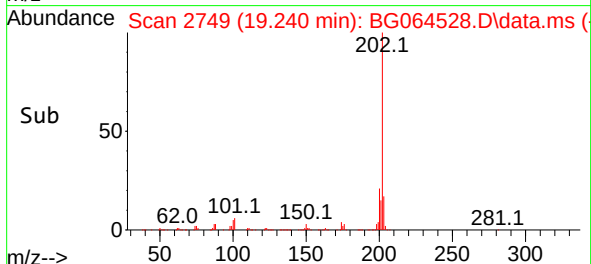
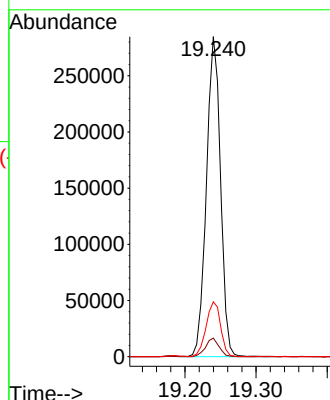
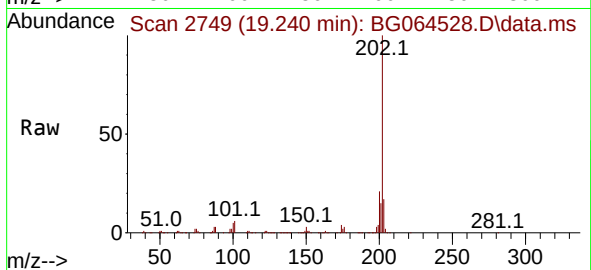
Tgt Ion:202 Resp: 393381

Ion Ratio Lower Upper

202 100

101 5.8 0.0 25.7

203 17.1 0.0 36.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.414 min Scan# 3119

Delta R.T. 0.004 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

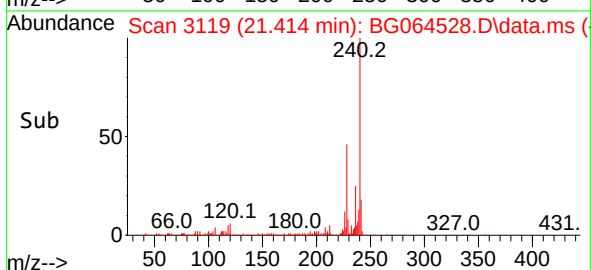
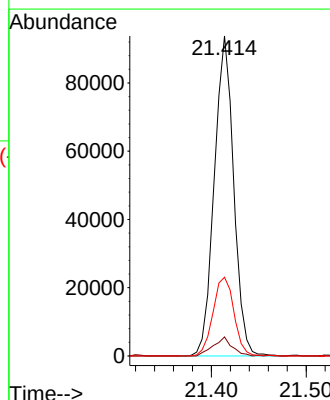
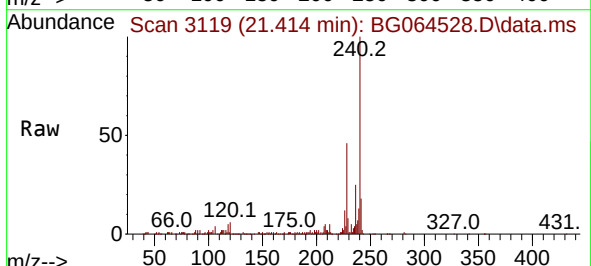
Tgt Ion:240 Resp: 133273

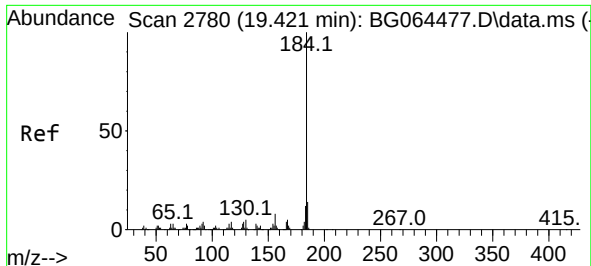
Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

236 24.6 20.4 30.6

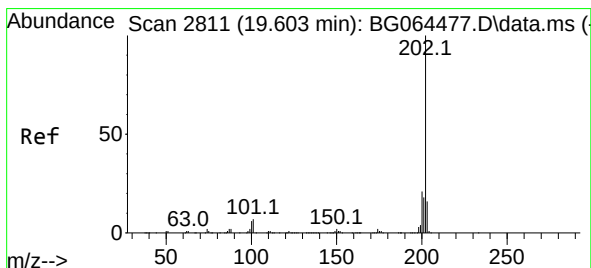
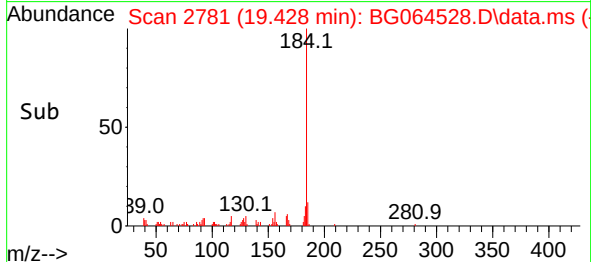
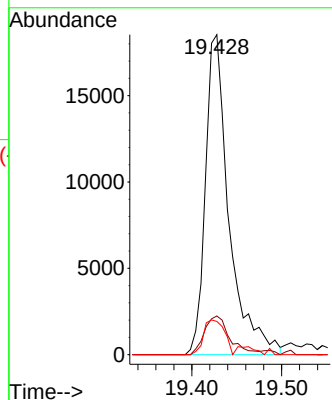
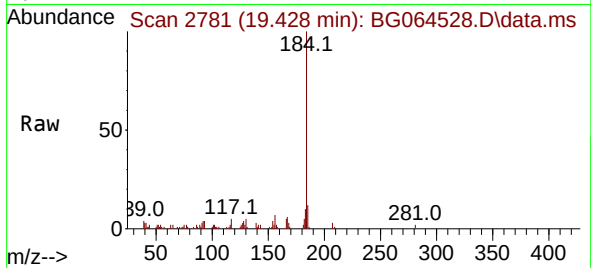




#77
Benzidine
Concen: 10.184 ng
RT: 19.428 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

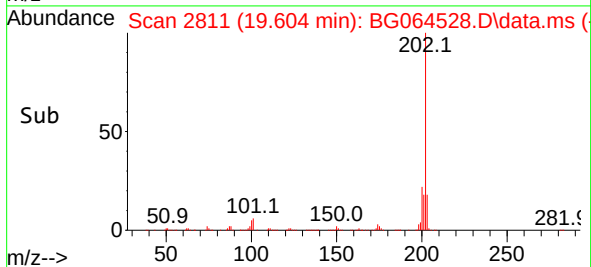
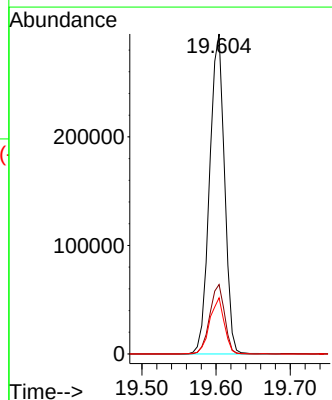
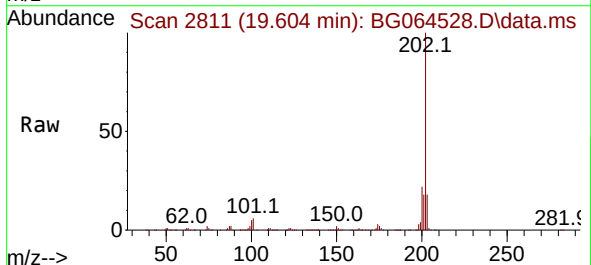
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

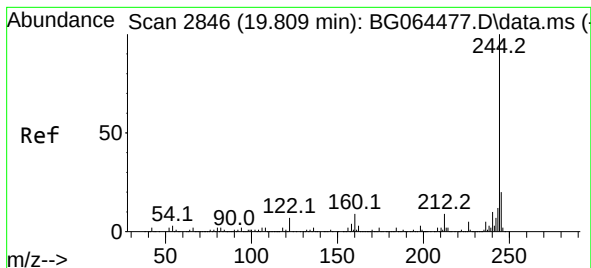
Tgt Ion:184 Resp: 33774
Ion Ratio Lower Upper
184 100
185 12.1 10.9 16.3
183 10.4 9.8 14.6



#78
Pyrene
Concen: 47.710 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:202 Resp: 412644
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 17.5 13.0 19.4





#79

Terphenyl-d14

Concen: 94.445 ng

RT: 19.804 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG064528.D

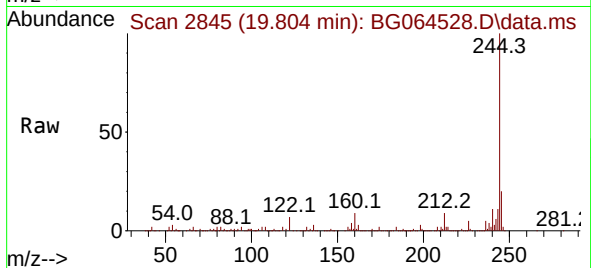
Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD



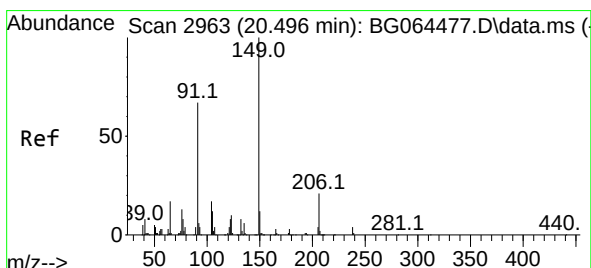
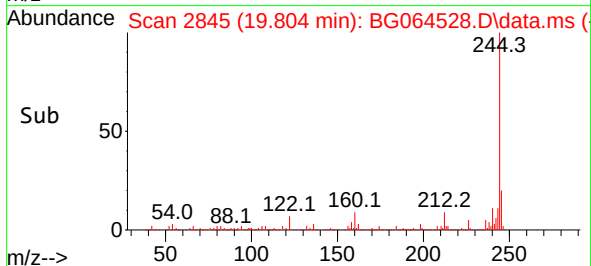
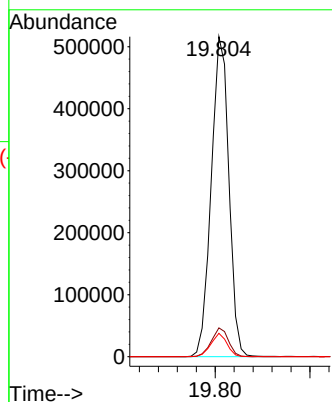
Tgt Ion:244 Resp: 665098

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

122 7.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 52.216 ng

RT: 20.497 min Scan# 2963

Delta R.T. -0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

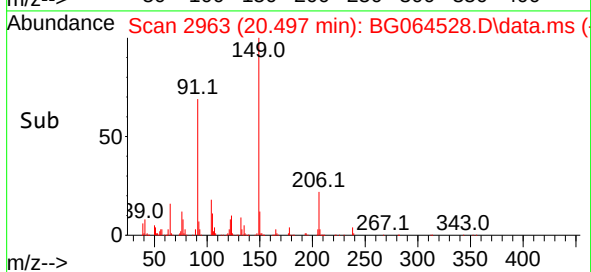
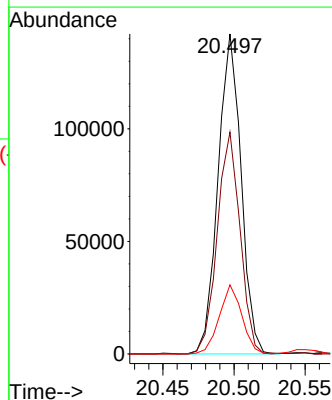
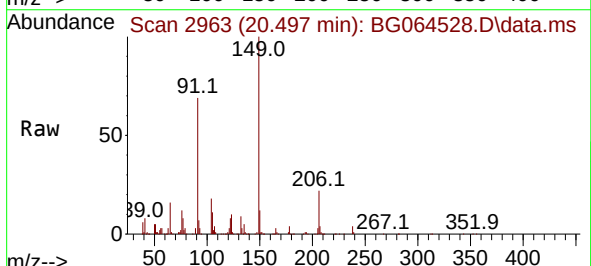
Tgt Ion:149 Resp: 160094

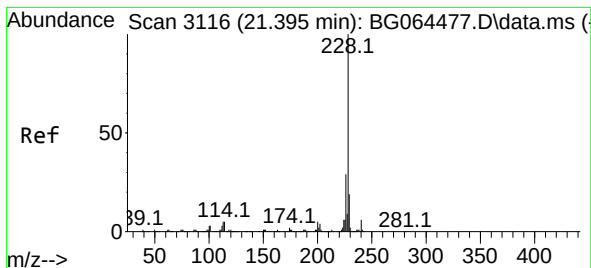
Ion Ratio Lower Upper

149 100

91 69.3 53.7 80.5

206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 51.941 ng

RT: 21.396 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

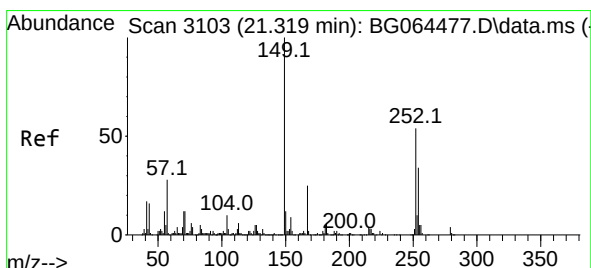
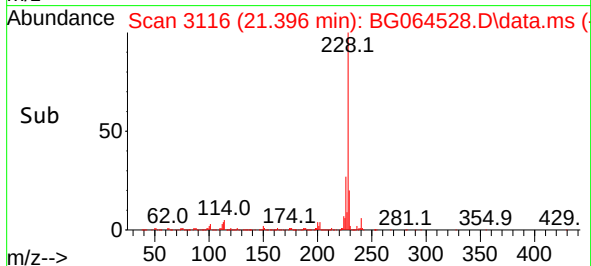
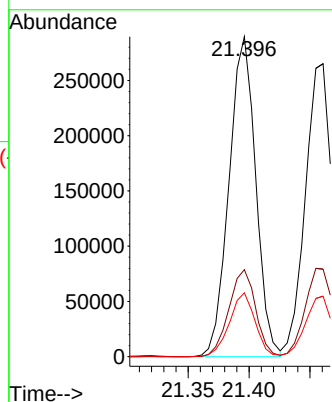
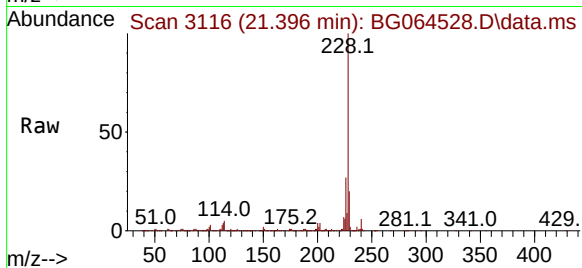
Tgt Ion:228 Resp: 441993

Ion Ratio Lower Upper

228 100

226 27.2 22.8 34.2

229 20.0 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 22.784 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

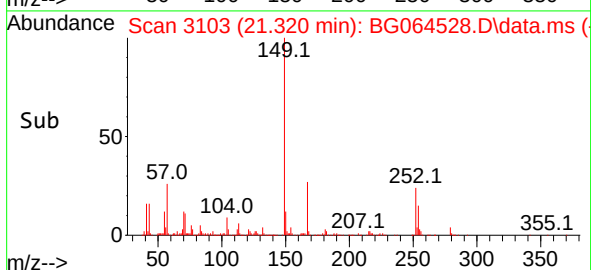
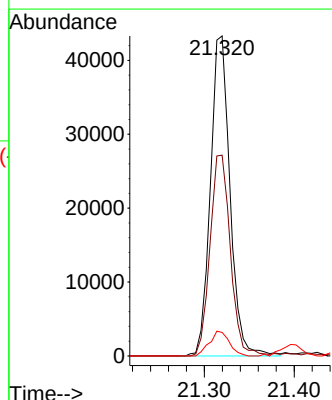
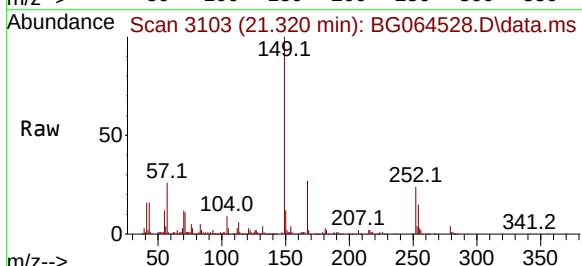
Tgt Ion:252 Resp: 65622

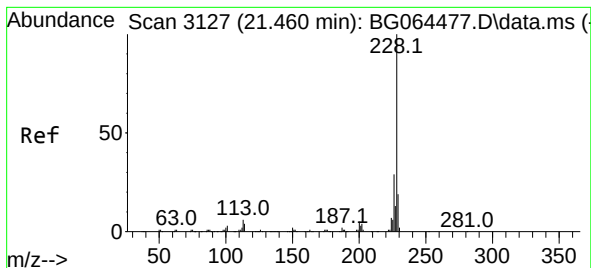
Ion Ratio Lower Upper

252 100

254 62.8 50.5 75.7

126 7.3 7.1 10.7





#83

Chrysene

Concen: 50.444 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

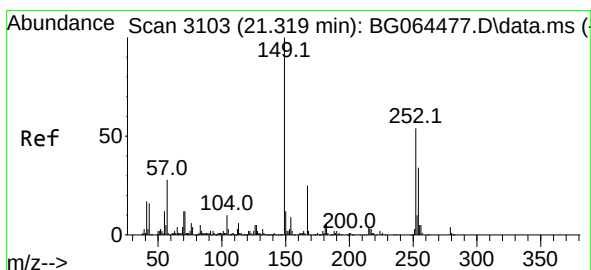
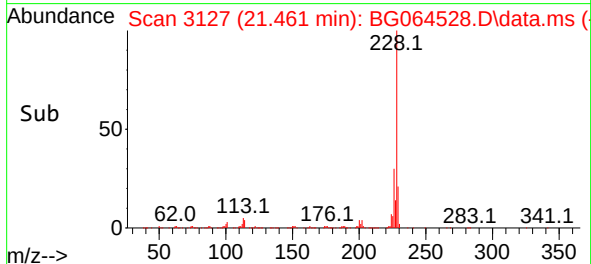
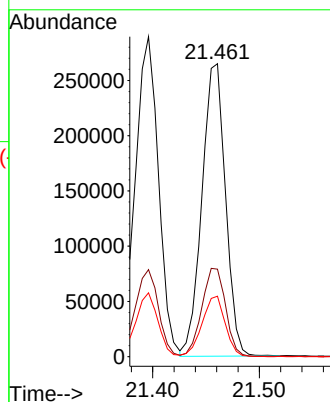
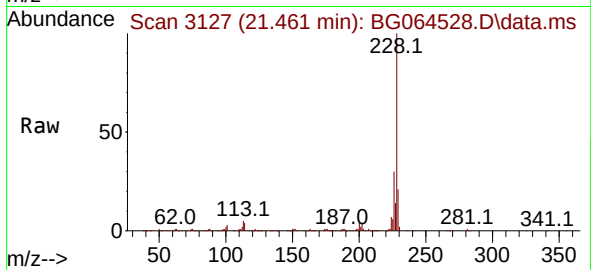
Tgt Ion:228 Resp: 407092

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

229 20.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.859 ng

RT: 21.320 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

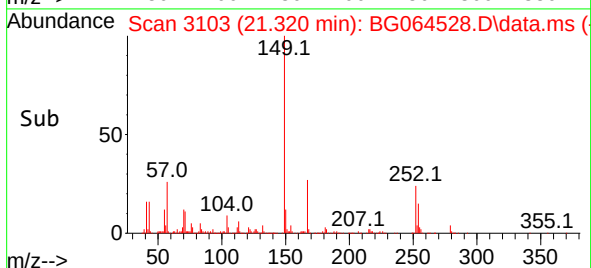
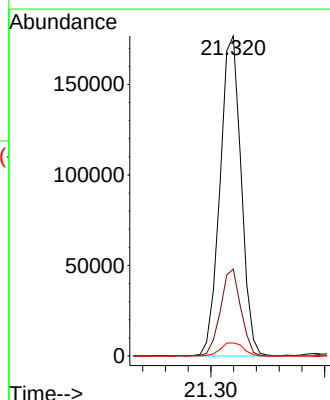
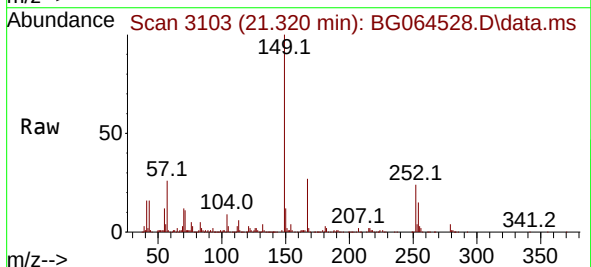
Tgt Ion:149 Resp: 228664

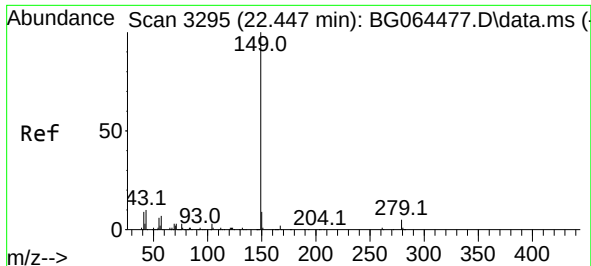
Ion Ratio Lower Upper

149 100

167 27.2 19.7 29.5

279 4.1 3.4 5.2

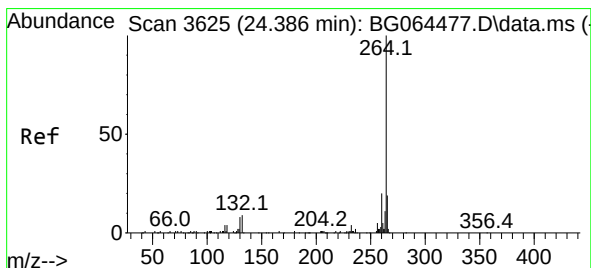
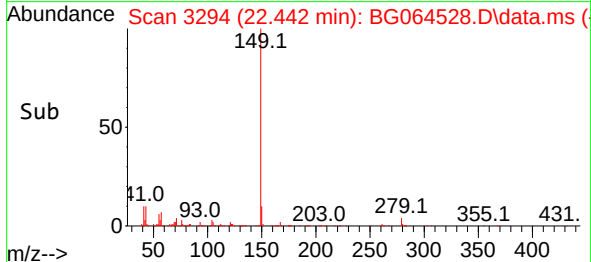
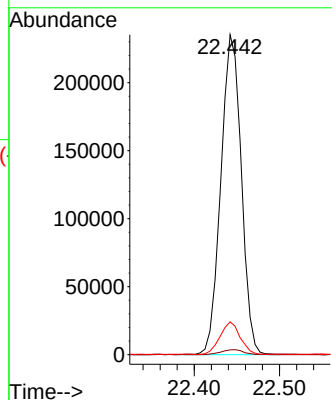
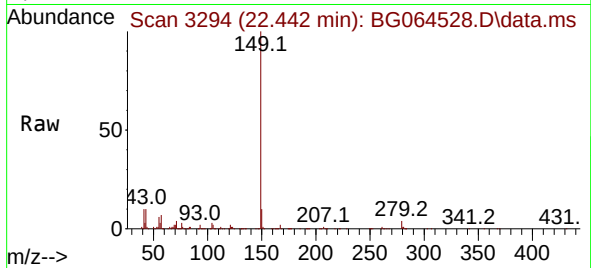




#85
Di-n-octyl phthalate
Concen: 53.908 ng
RT: 22.442 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

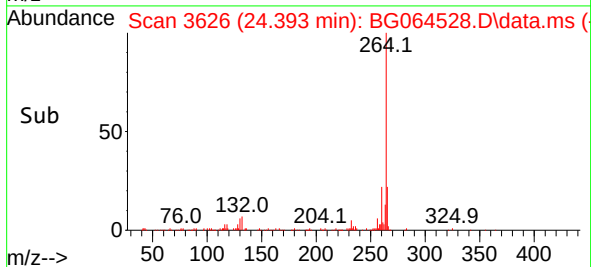
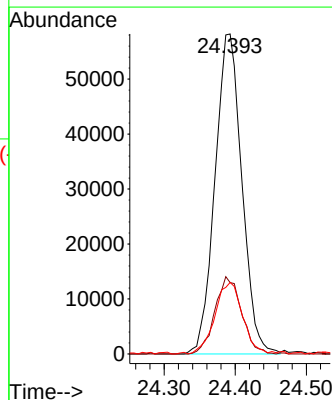
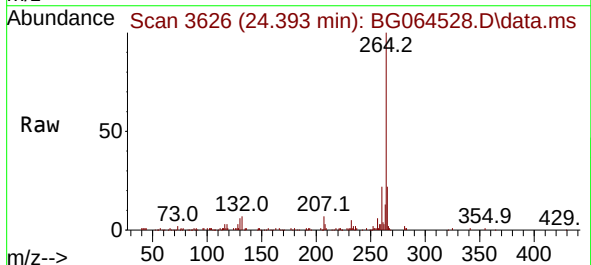
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

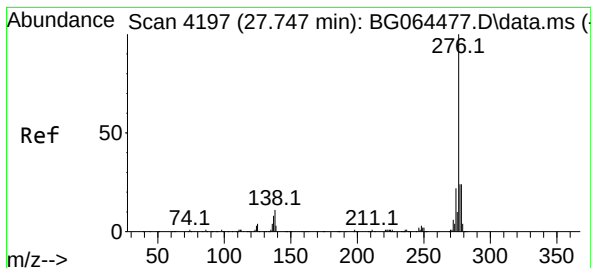
Tgt Ion:149 Resp: 391936
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.393 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:264 Resp: 152729
Ion Ratio Lower Upper
264 100
260 22.3 16.2 24.4
265 22.4 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.324 ng

RT: 27.753 min Scan# 41

Delta R.T. 0.021 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

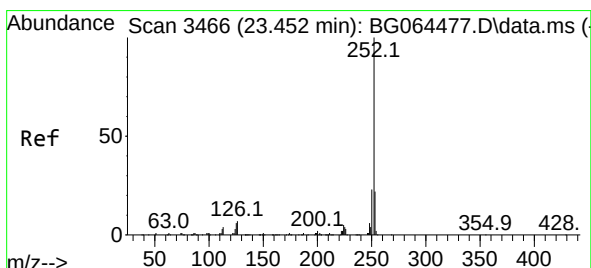
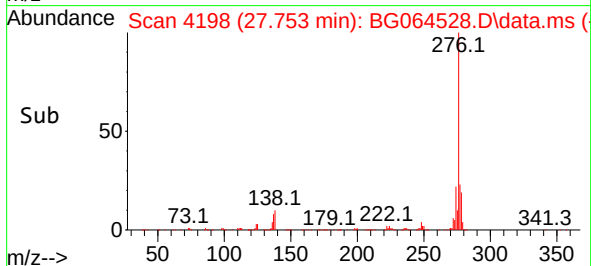
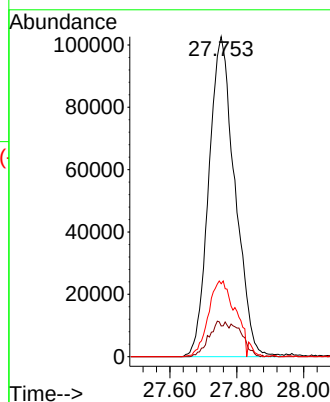
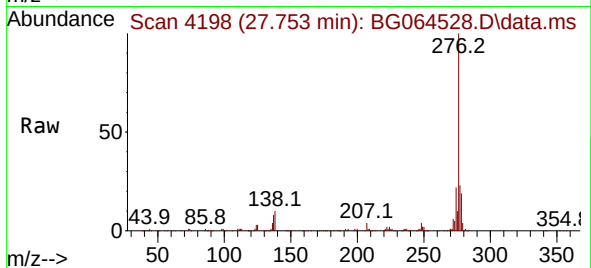
Tgt Ion:276 Resp: 556247

Ion Ratio Lower Upper

276 100

138 5.4 10.8 16.2#

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 51.869 ng

RT: 23.458 min Scan# 3467

Delta R.T. 0.009 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

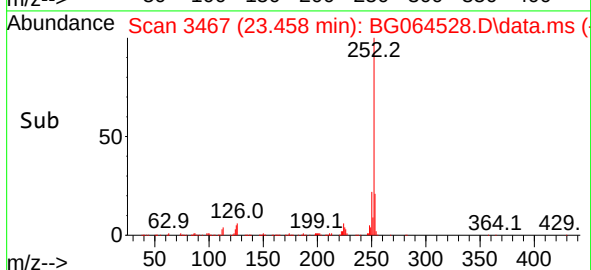
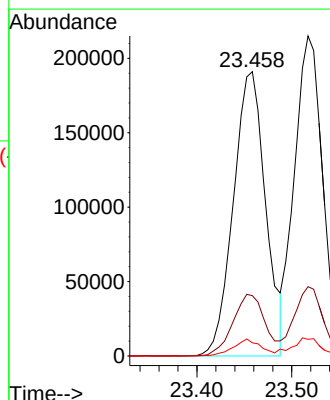
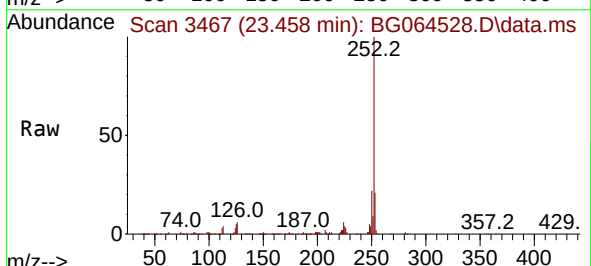
Tgt Ion:252 Resp: 450673

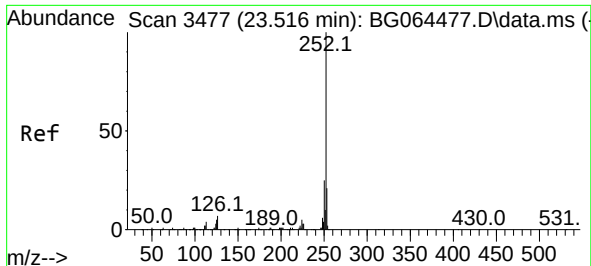
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 4.6 4.5 6.7

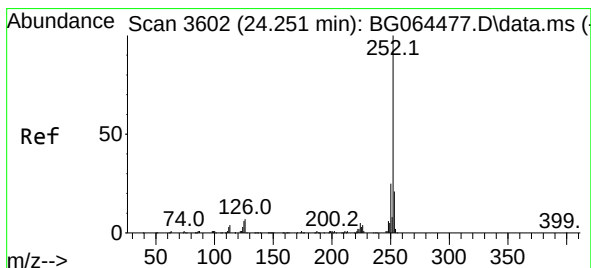
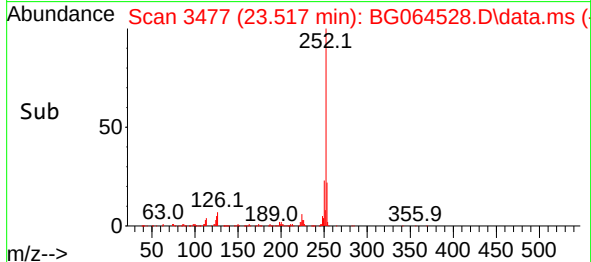
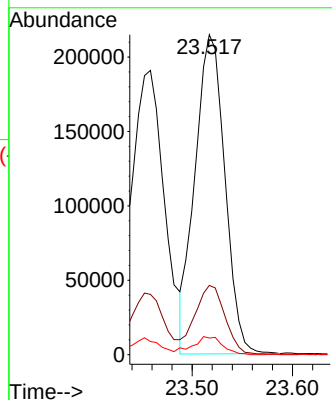
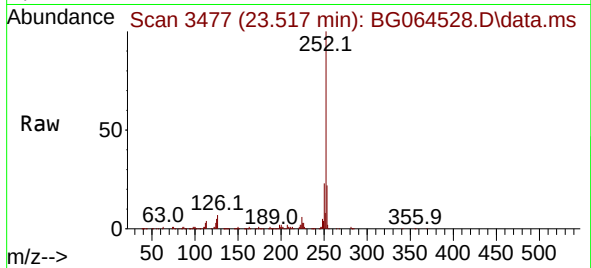




#89
Benzo(k)fluoranthene
Concen: 50.699 ng
RT: 23.517 min Scan# 34
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

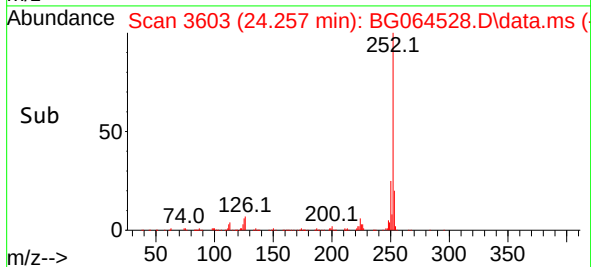
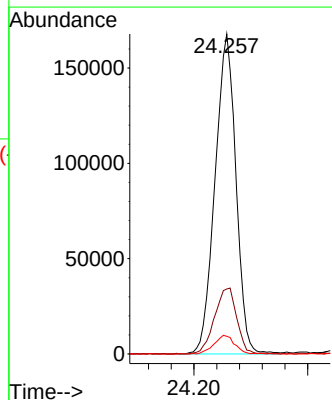
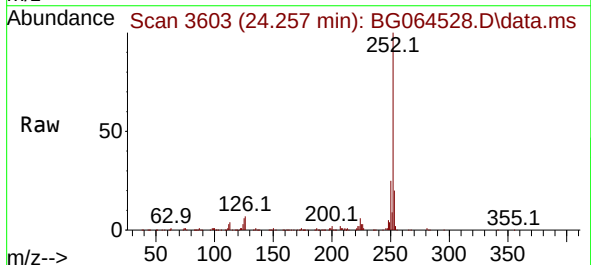
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MSD

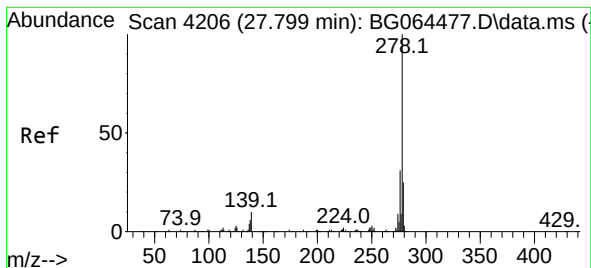
Tgt Ion:252 Resp: 443665
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 5.2 4.0 6.0



#90
Benzo(a)pyrene
Concen: 53.446 ng
RT: 24.257 min Scan# 3603
Delta R.T. 0.009 min
Lab File: BG064528.D
Acq: 16 Oct 2025 23:05

Tgt Ion:252 Resp: 427985
Ion Ratio Lower Upper
252 100
253 20.3 17.1 25.7
125 5.5 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 53.315 ng

RT: 27.800 min Scan# 4377

Delta R.T. 0.021 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MSD

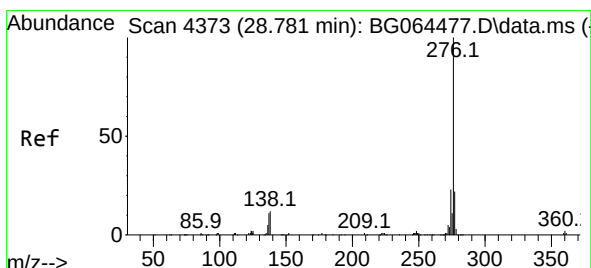
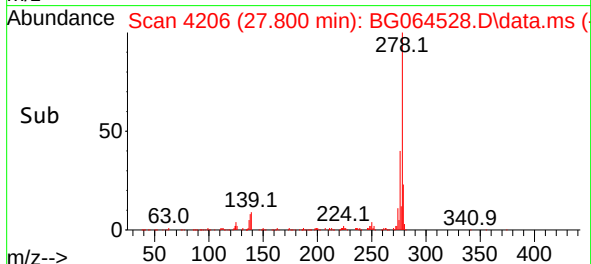
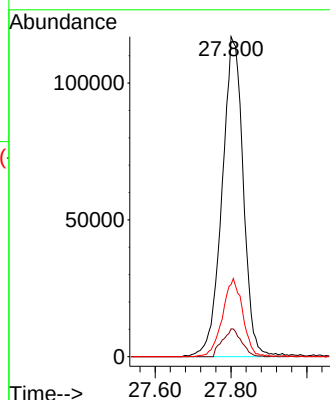
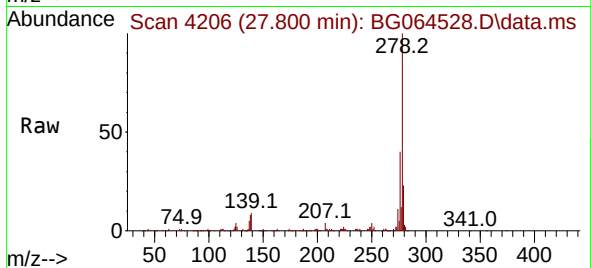
Tgt Ion:278 Resp: 453269

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.2

279 22.6 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 53.583 ng

RT: 28.805 min Scan# 4377

Delta R.T. 0.039 min

Lab File: BG064528.D

Acq: 16 Oct 2025 23:05

Tgt Ion:276 Resp: 442689

Ion Ratio Lower Upper

276 100

277 22.9 17.8 26.6

138 11.2 9.4 14.0

