

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141034.D
 Acq On : 30 Dec 2024 16:47
 Operator : RC/JU
 Sample : P5362-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MS

Quant Time: Dec 30 17:08:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	251281	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1011696	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	535091	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	915514	20.000	ng	0.00
76) Chrysene-d12	13.986	240	535605	20.000	ng	0.00
86) Perylene-d12	15.445	264	510431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2493224	149.563	ng	0.02
7) Phenol-d6	6.457	99	3147657	146.576	ng	0.00
23) Nitrobenzene-d5	7.392	82	2038064	128.884	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	977329	187.966	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3434049	102.249	ng	0.00
79) Terphenyl-d14	12.933	244	3634857	112.723	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	351932	46.632	ng	# 84
3) Pyridine	3.481	79	571499	30.986	ng	100
4) n-Nitrosodimethylamine	3.416	42	459376	49.157	ng	99
6) Aniline	6.492	93	384951	20.099	ng	98
8) 2-Chlorophenol	6.610	128	960666	54.660	ng	99
10) Phenol	6.469	94	1134183	51.077	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	887617	49.506	ng	98
12) 1,3-Dichlorobenzene	6.769	146	944848	48.712	ng	100
13) 1,4-Dichlorobenzene	6.845	146	952228	48.699	ng	99
14) 1,2-Dichlorobenzene	6.998	146	917455	50.324	ng	99
15) Benzyl Alcohol	6.969	79	801003	51.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1394112	51.416	ng	98
17) 2-Methylphenol	7.075	107	778863	53.342	ng	99
18) Hexachloroethane	7.339	117	351227	50.565	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	674050	51.235	ng	99
20) 3+4-Methylphenols	7.233	107	951342	51.487	ng	# 83
22) Acetophenone	7.239	105	1231803	49.633	ng	98
24) Nitrobenzene	7.410	77	980680	55.501	ng	96
25) Isophorone	7.651	82	1800505	52.324	ng	100
26) 2-Nitrophenol	7.728	139	470297	63.076	ng	98
27) 2,4-Dimethylphenol	7.757	122	781312	62.128	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1097464	50.338	ng	99
29) 2,4-Dichlorophenol	7.963	162	781594	54.799	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	783025	48.504	ng	99
31) Naphthalene	8.133	128	2619046	49.128	ng	100
32) Benzoic acid	7.875	122	591856	55.716	ng	97
33) 4-Chloroaniline	8.175	127	95361	4.945	ng	99
34) Hexachlorobutadiene	8.251	225	469121	49.293	ng	99
35) Caprolactam	8.539	113	209859m	43.281	ng	
36) 4-Chloro-3-methylphenol	8.651	107	834277	52.670	ng	100
37) 2-Methylnaphthalene	8.822	142	1729656	50.716	ng	100
38) 1-Methylnaphthalene	8.922	142	1633480	48.735	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	763326	51.853	ng	99
41) Hexachlorocyclopentadiene	8.975	237	799611	163.909	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	570522	58.231	ng	99
44) 2,4,5-Trichlorophenol	9.133	196	548506	54.715	ng	99

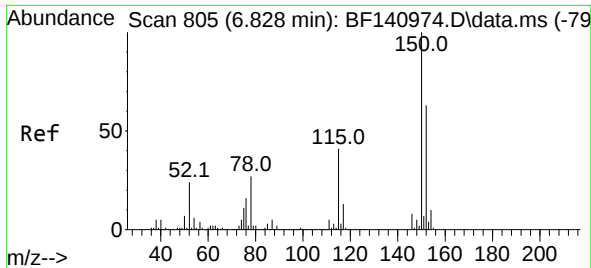
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	2116058	51.647	ng	100
47) 2-Chloronaphthalene	9.310	162	1603805	50.472	ng	99
48) 2-Nitroaniline	9.404	65	508015	59.843	ng	94
49) Acenaphthylene	9.722	152	2500345	54.660	ng	99
50) Dimethylphthalate	9.586	163	1909695	54.258	ng	100
51) 2,6-Dinitrotoluene	9.645	165	428203	58.769	ng	95
52) Acenaphthene	9.898	154	1827847	59.106	ng	99
53) 3-Nitroaniline	9.810	138	113430	16.808	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	448869	124.733	ng	# 1
55) Dibenzofuran	10.069	168	2299139	52.902	ng	99
56) 4-Nitrophenol	9.969	139	750997	124.737	ng	98
57) 2,4-Dinitrotoluene	10.051	165	573777	63.701	ng	96
58) Fluorene	10.410	166	1732833	51.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	495788	59.715	ng	98
60) Diethylphthalate	10.286	149	1849974	53.241	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	838233	51.691	ng	97
62) 4-Nitroaniline	10.427	138	383554	49.102	ng	93
63) Azobenzene	10.563	77	1874348	51.392	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	305171	76.673	ng	91
66) n-Nitrosodiphenylamine	10.522	169	1518384	52.668	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	558191	56.401	ng	98
68) Hexachlorobenzene	10.957	284	609841	55.883	ng	99
69) Atrazine	11.045	200	366734	45.534	ng	99
70) Pentachlorophenol	11.151	266	787962	115.972	ng	99
71) Phenanthrene	11.374	178	2634158	54.668	ng	99
72) Anthracene	11.421	178	2658388	56.304	ng	100
73) Carbazole	11.574	167	2315230	51.009	ng	100
74) Di-n-butylphthalate	11.910	149	2833087	54.878	ng	99
75) Fluoranthene	12.557	202	2667228	51.039	ng	100
77) Benzidine	12.680	184	47957	4.237	ng	96
78) Pyrene	12.786	202	2707978	57.810	ng	100
80) Butylbenzylphthalate	13.410	149	1090992	63.783	ng	100
81) Benzo(a)anthracene	13.980	228	1936059	51.865	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	145511	12.974	ng	99
83) Chrysene	14.015	228	1755860	52.179	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1251314	56.398	ng	99
85) Di-n-octyl phthalate	14.592	149	1788037	55.680	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	2170410	67.492	ng	98
88) Benzo(b)fluoranthene	15.027	252	1670093	46.913	ng	99
89) Benzo(k)fluoranthene	15.057	252	1596160	57.207	ng	99
90) Benzo(a)pyrene	15.386	252	1580713	57.207	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	1748071	67.059	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1632591	60.383	ng	99

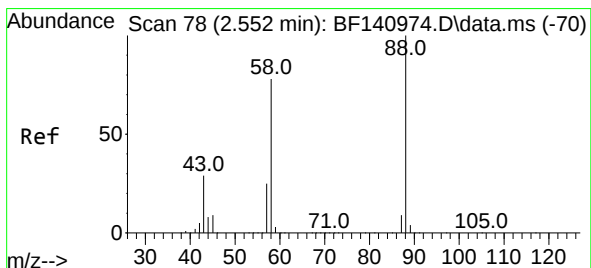
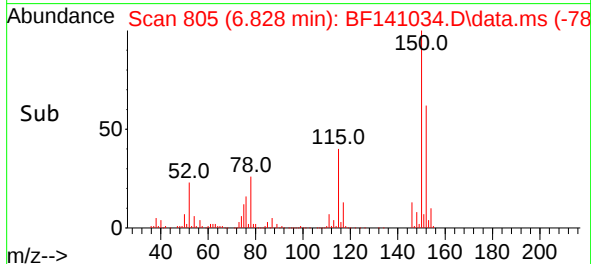
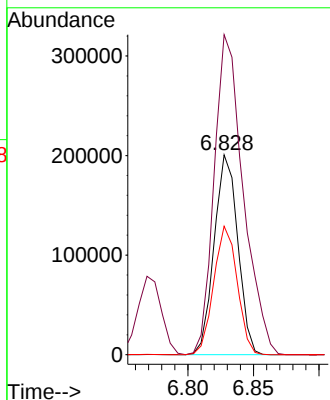
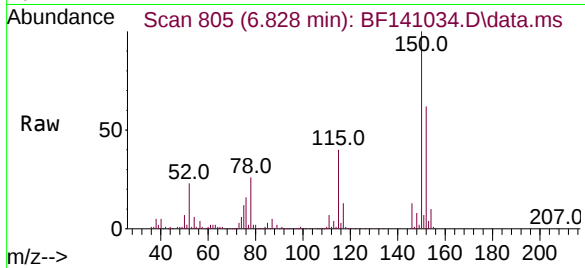
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141034.D
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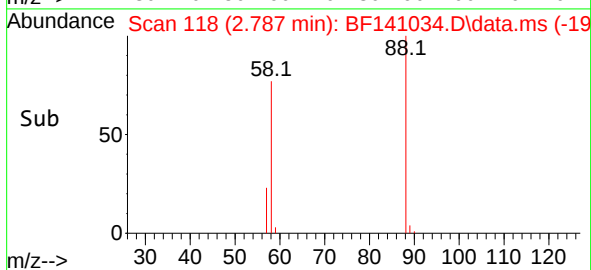
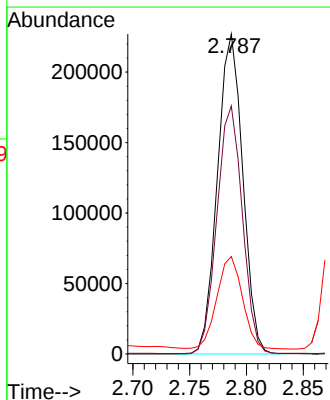
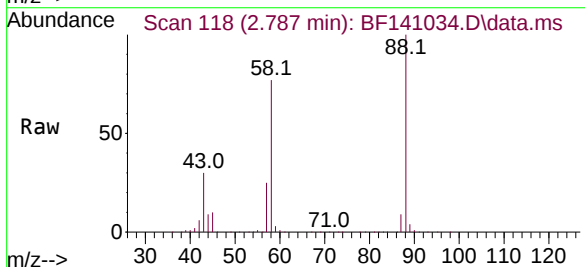
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 WC-SOIL-20241219MS

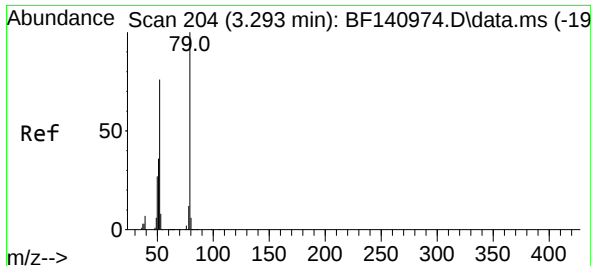
Tgt Ion:152 Resp: 251281
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.0 190.6
 115 64.3 51.7 77.5



#2
 1,4-Dioxane
 Concen: 46.632 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.235 min
 Lab File: BF141034.D
 Acq: 30 Dec 2024 16:47

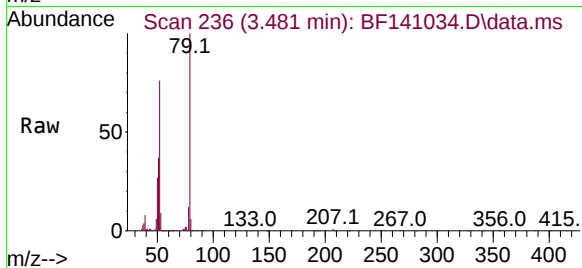
Tgt Ion: 88 Resp: 351932
 Ion Ratio Lower Upper
 88 100
 58 77.6 63.0 94.4
 43 0.0 23.4 35.2



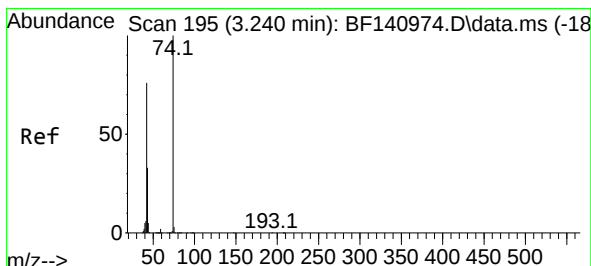
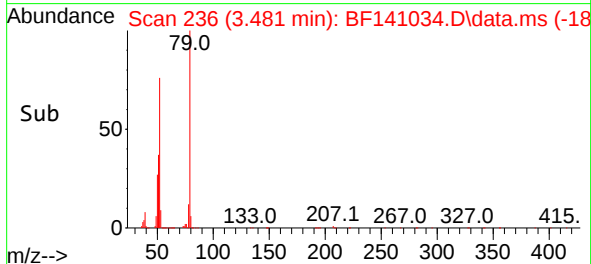
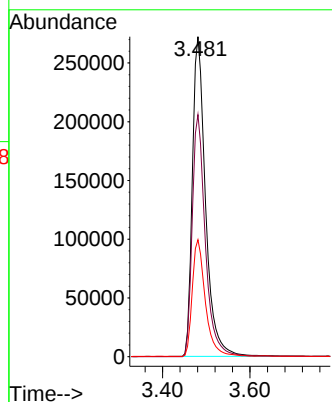


#3
Pyridine
Concen: 30.986 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.188 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

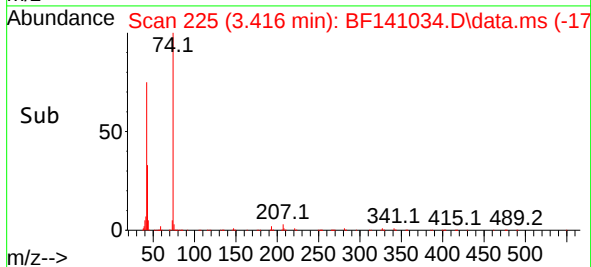
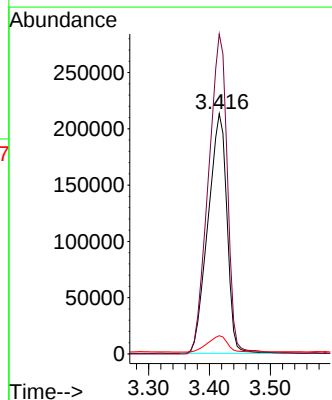
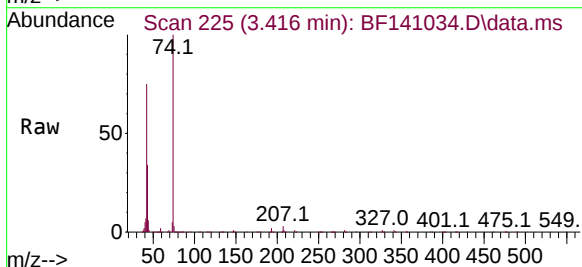


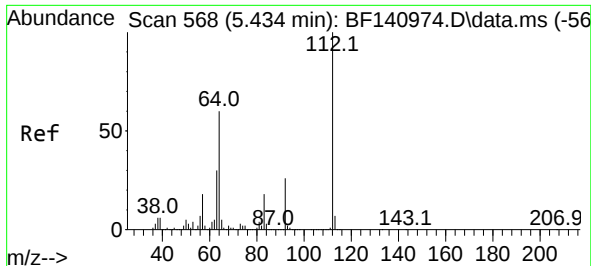
Tgt Ion: 79 Resp: 571499
Ion Ratio Lower Upper
79 100
52 75.6 60.4 90.6
51 36.6 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 49.157 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.176 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 42 Resp: 459376
Ion Ratio Lower Upper
42 100
74 133.2 105.8 158.6
44 7.6 6.6 10.0

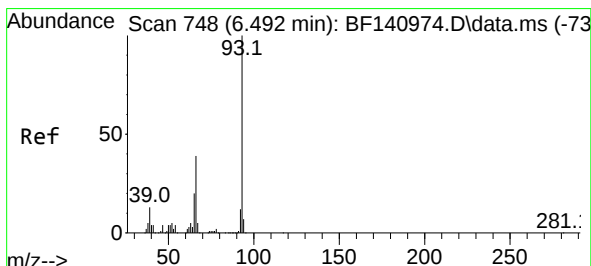
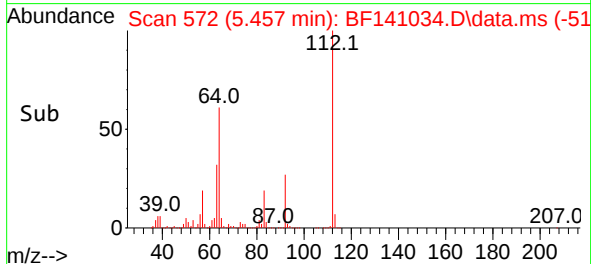
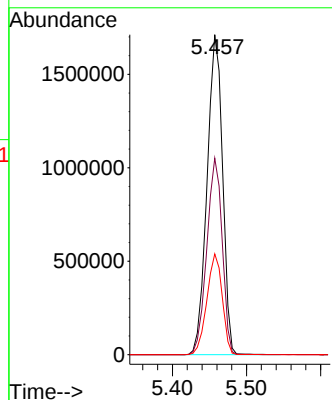
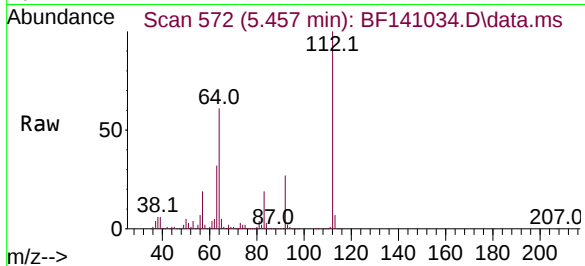




#5
2-Fluorophenol
Concen: 149.563 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

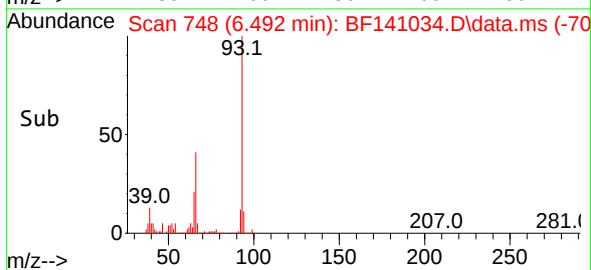
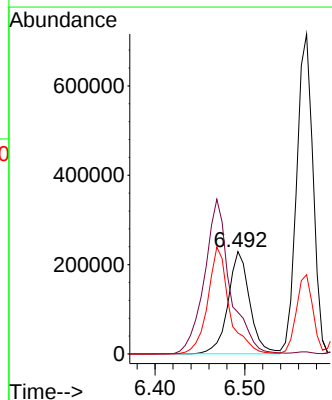
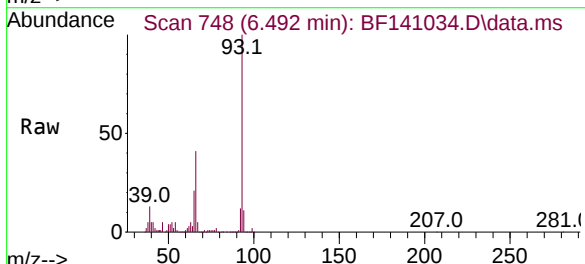
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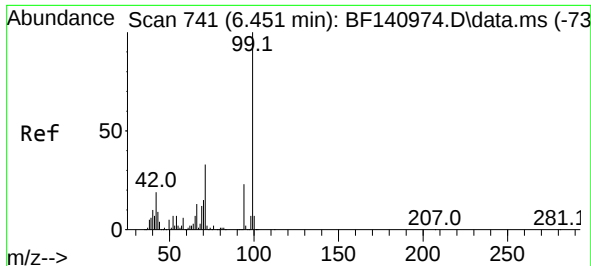
Tgt Ion:112 Resp: 2493224
Ion Ratio Lower Upper
112 100
64 61.4 47.7 71.5
63 31.5 24.2 36.2



#6
Aniline
Concen: 20.099 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 93 Resp: 384951
Ion Ratio Lower Upper
93 100
66 40.7 31.8 47.8
65 20.5 15.4 23.0

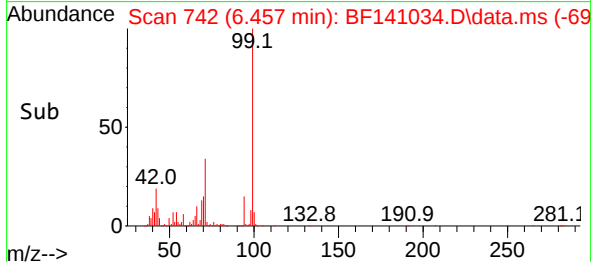
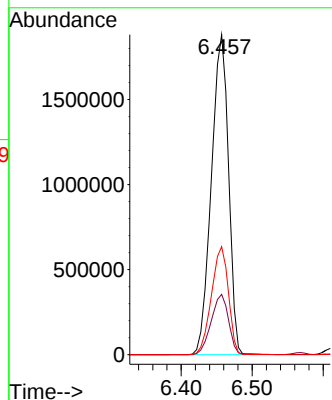
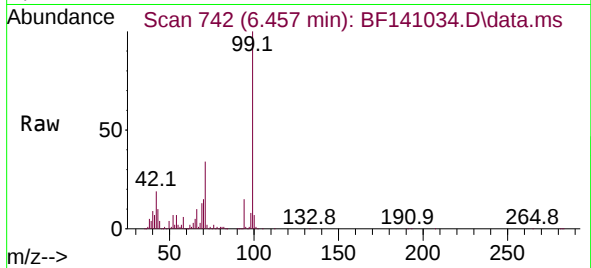




#7
Phenol-d6
Concen: 146.576 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

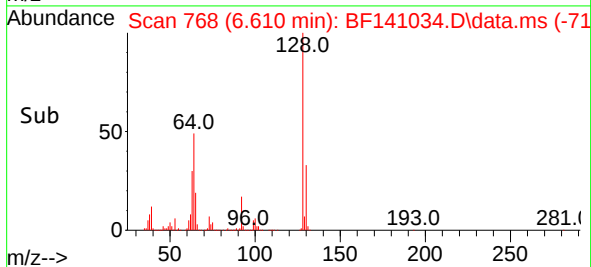
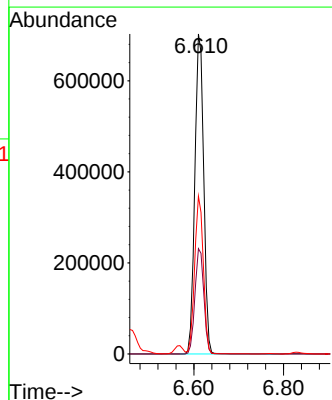
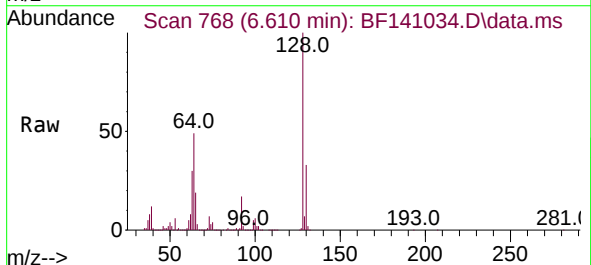
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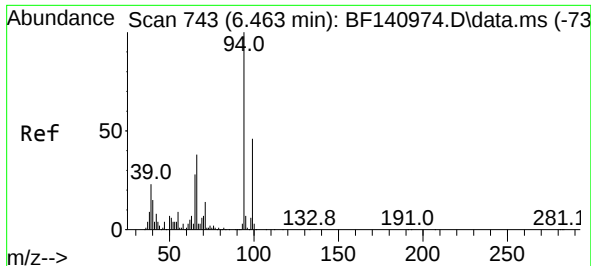
Tgt Ion: 99 Resp: 3147657
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 33.8 26.2 39.2



#8
2-Chlorophenol
Concen: 54.660 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:128 Resp: 960666
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 49.3 30.3 70.3





#10

Phenol

Concen: 51.077 ng

RT: 6.469 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

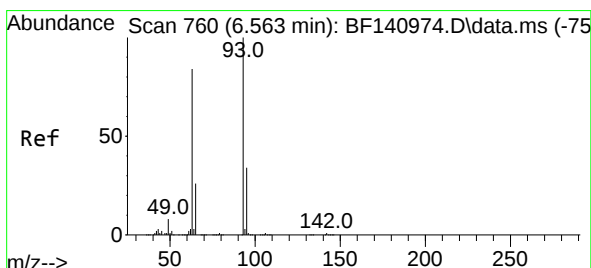
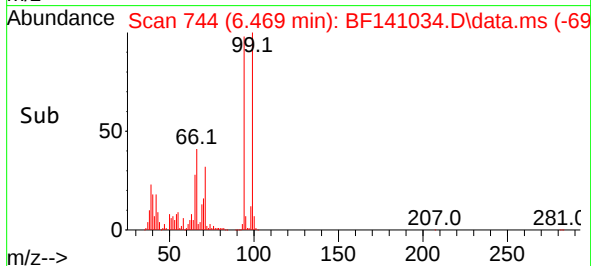
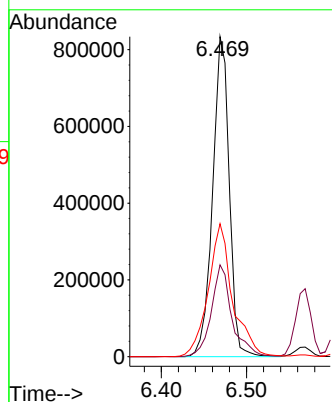
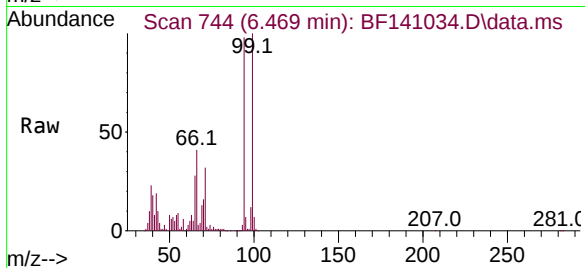
Tgt Ion: 94 Resp: 1134183

Ion Ratio Lower Upper

94 100

65 28.7 8.1 48.1

66 41.5 18.7 58.7



#11

bis(2-Chloroethyl)ether

Concen: 49.506 ng

RT: 6.569 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

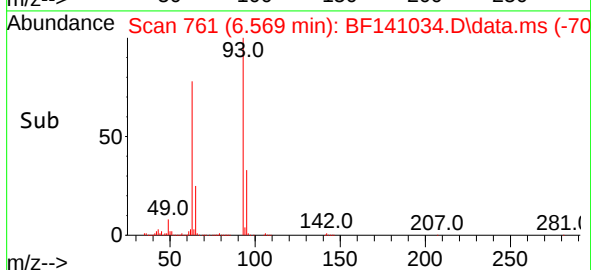
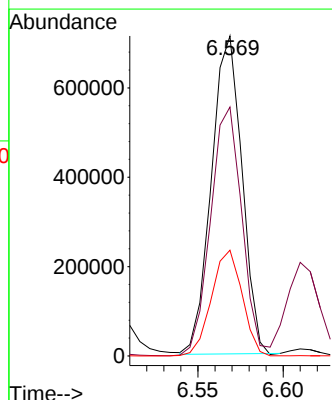
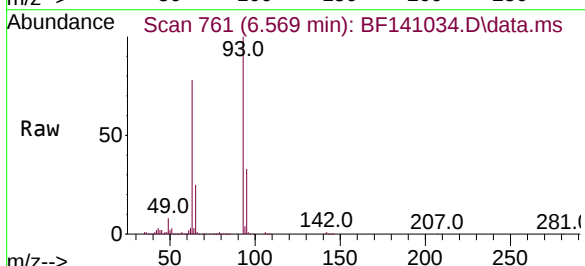
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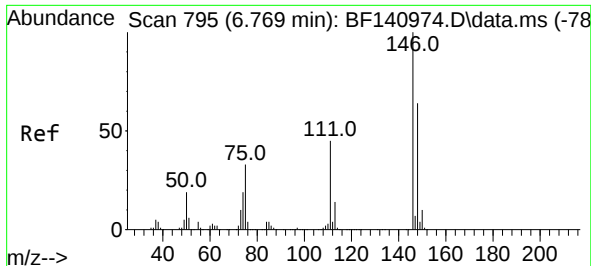
Ion Ratio Lower Upper

93 100

63 77.8 60.3 100.3

95 33.1 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 48.712 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

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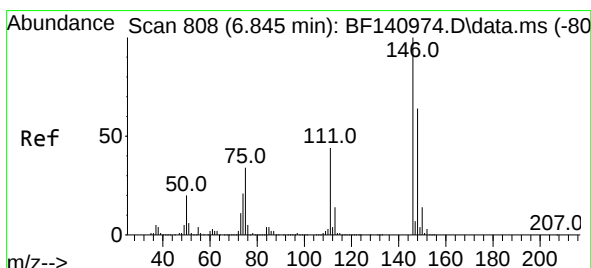
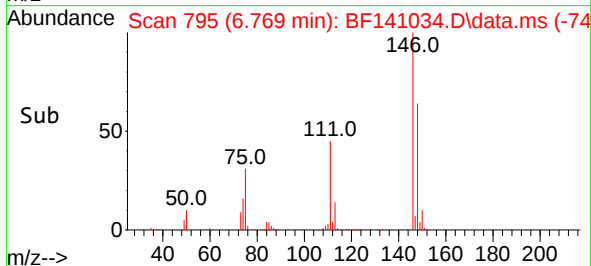
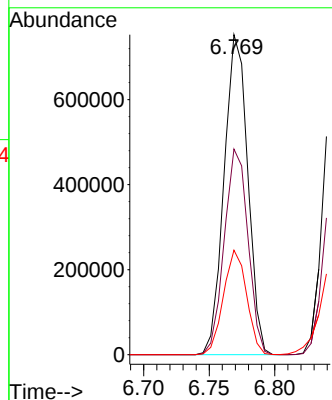
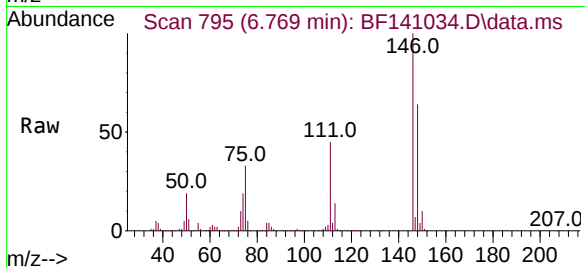
Tgt Ion:146 Resp: 944848

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 32.6 26.1 39.1



#13

1,4-Dichlorobenzene

Concen: 48.699 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

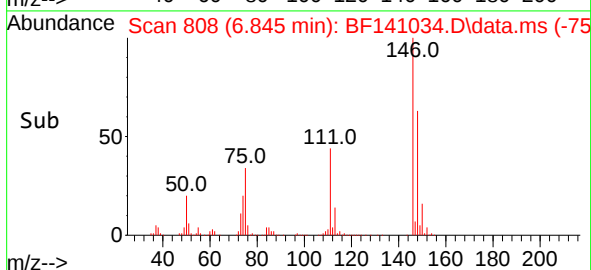
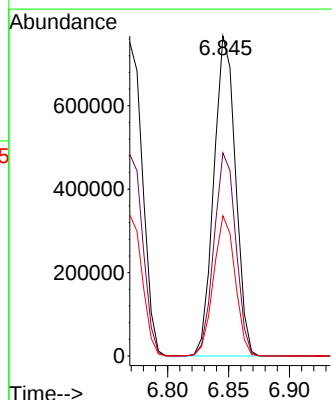
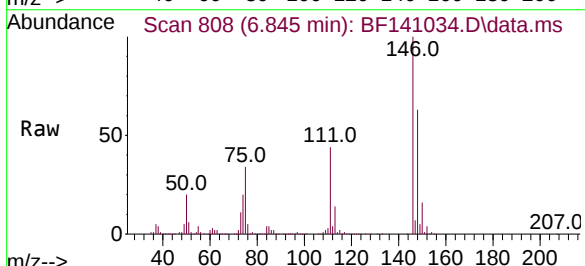
Tgt Ion:146 Resp: 952228

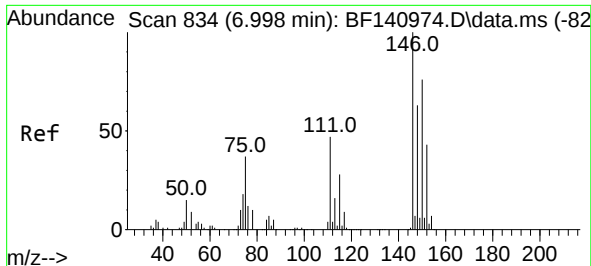
Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 43.8 35.3 52.9

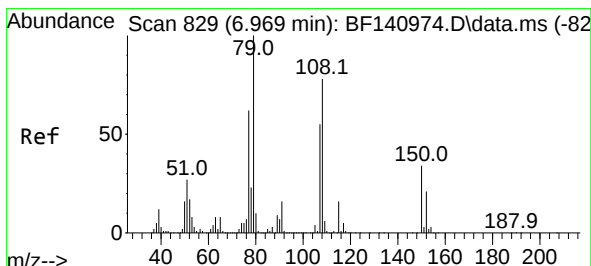
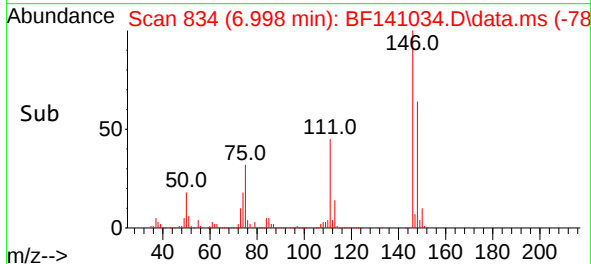
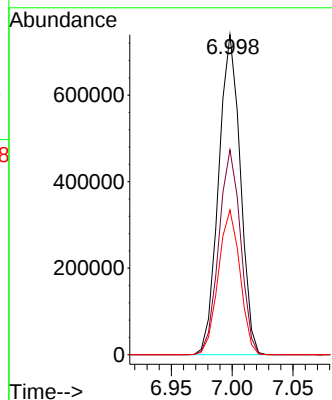
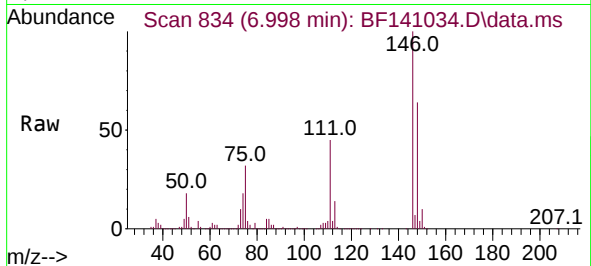




#14
1,2-Dichlorobenzene
Concen: 50.324 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

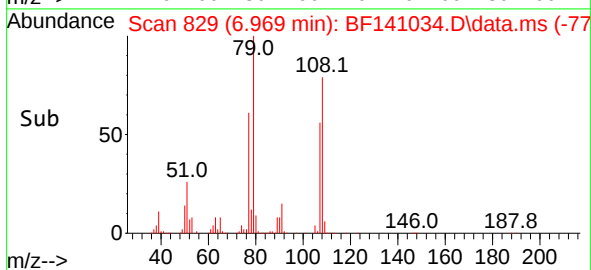
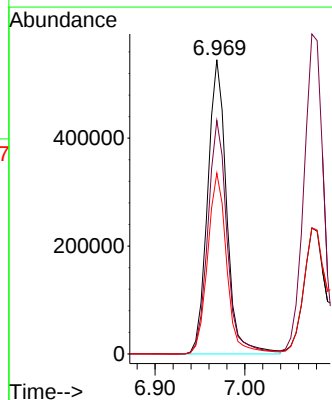
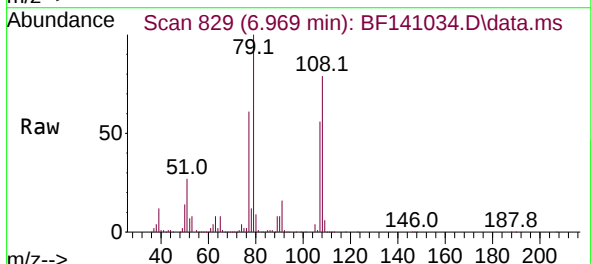
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

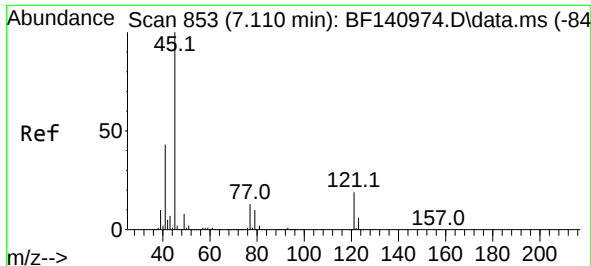
Tgt Ion:146 Resp: 917455
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 45.2 37.3 55.9



#15
Benzyl Alcohol
Concen: 51.906 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 79 Resp: 801003
Ion Ratio Lower Upper
79 100
108 79.3 62.5 93.7
77 61.4 49.3 73.9

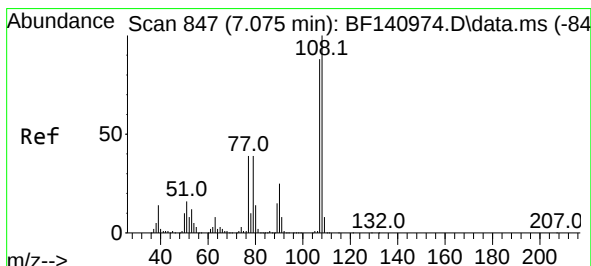
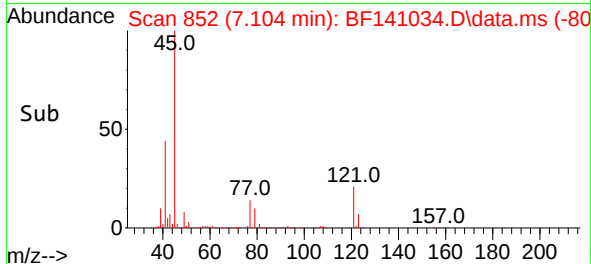
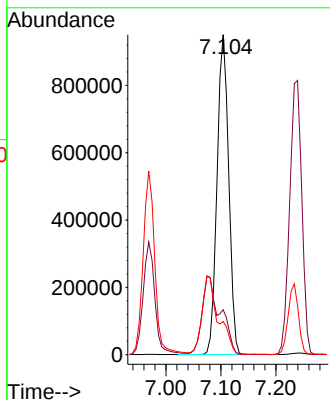
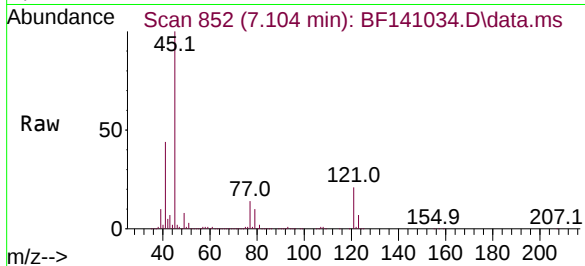




#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.416 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

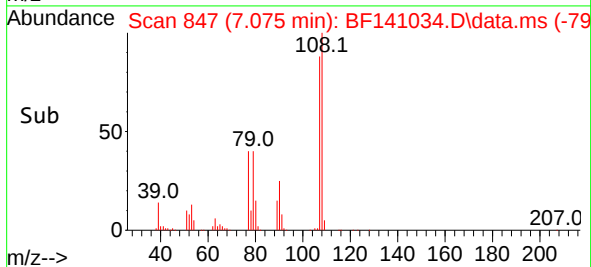
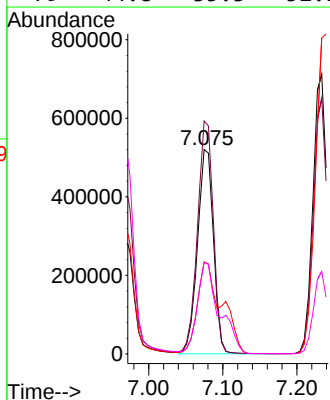
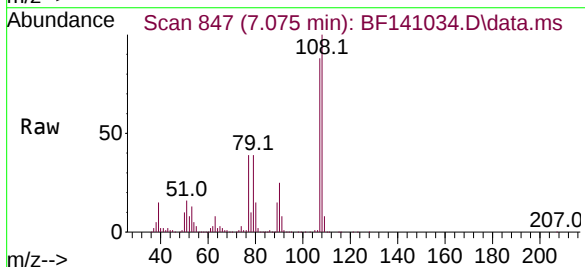
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

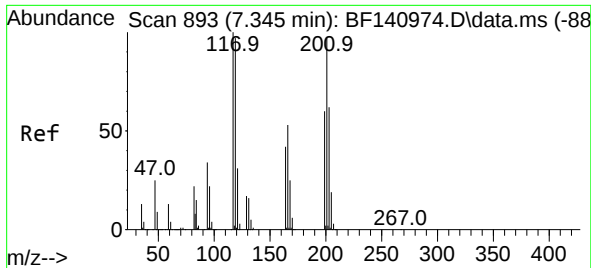
Tgt Ion: 45 Resp: 1394112
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.1
79 10.4 0.0 30.1



#17
2-Methylphenol
Concen: 53.342 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:107 Resp: 778863
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 45.0 35.3 52.9
79 44.8 35.3 52.9

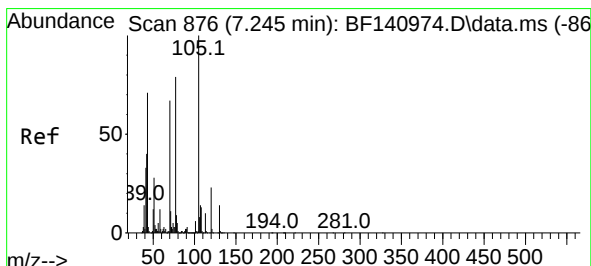
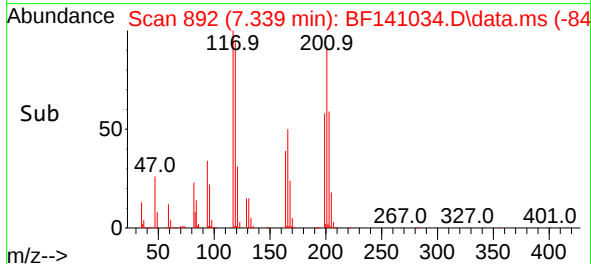
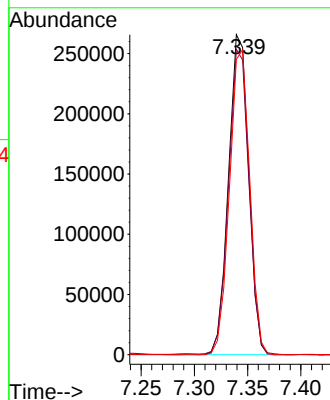
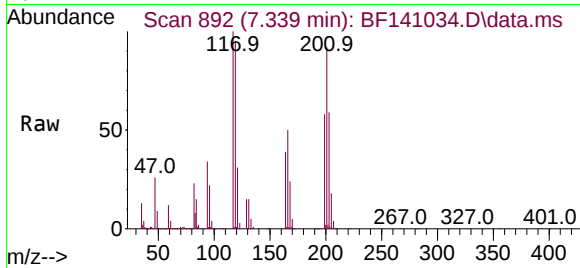




#18
Hexachloroethane
Concen: 50.565 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

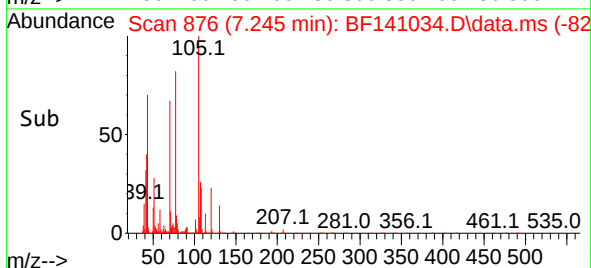
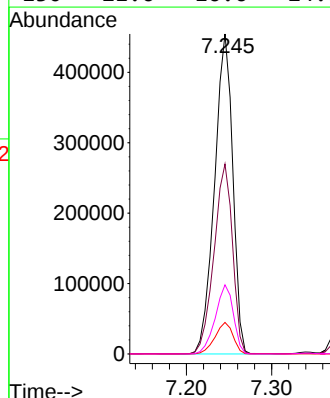
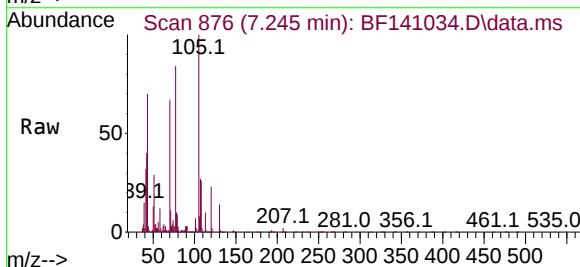
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

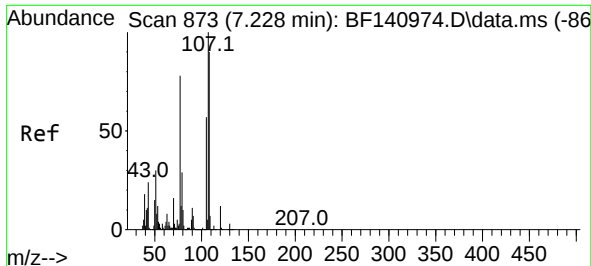
Tgt Ion:117 Resp: 351227
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
201 92.3 77.4 116.2



#19
n-Nitroso-di-n-propylamine
Concen: 51.235 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 70 Resp: 674050
Ion Ratio Lower Upper
70 100
42 59.3 48.1 72.1
101 9.9 7.6 11.4
130 21.6 16.6 24.8

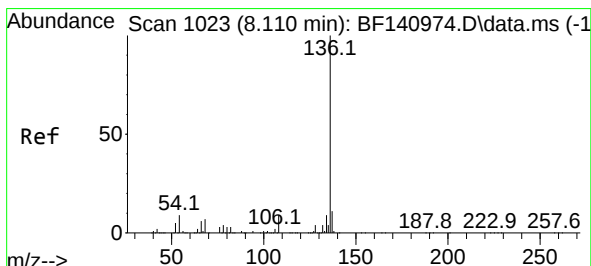
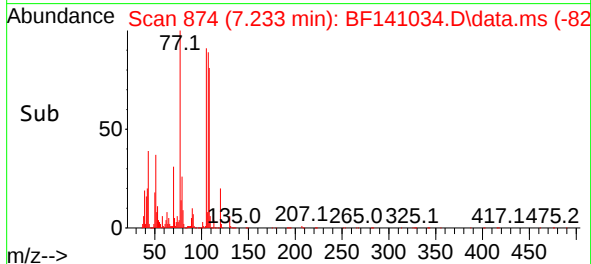
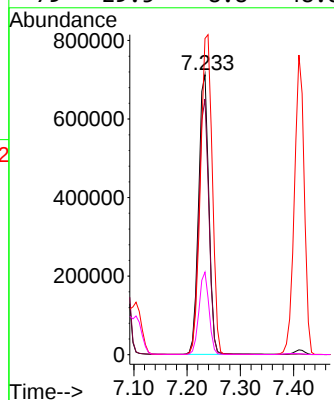
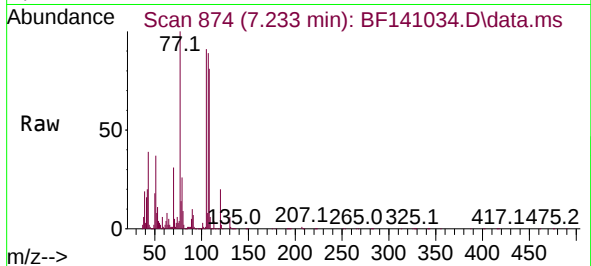




#20
3+4-Methylphenols
Concen: 51.487 ng
RT: 7.233 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

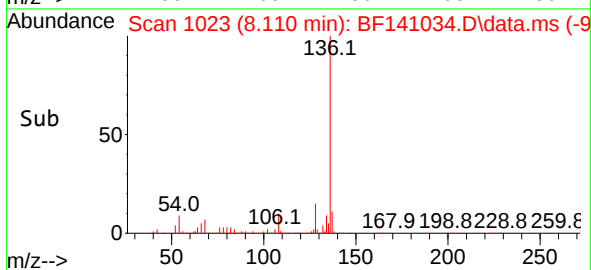
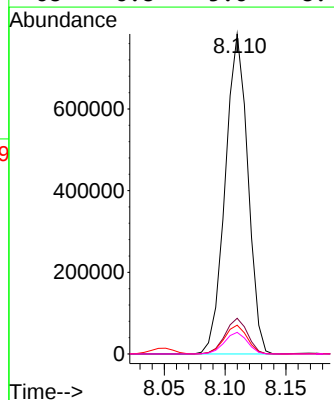
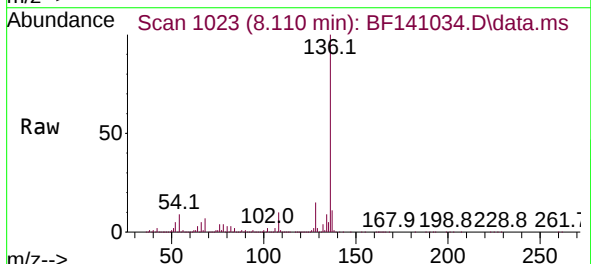
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

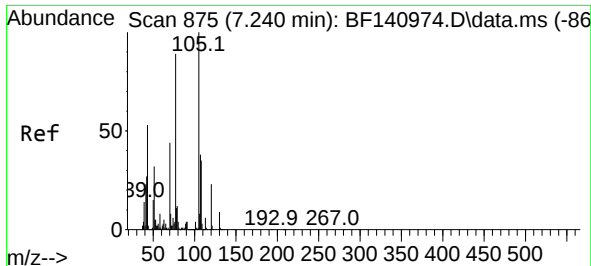
Tgt Ion:107 Resp: 951342
Ion Ratio Lower Upper
107 100
108 91.3 69.6 109.6
77 112.9 57.6 97.6#
79 29.5 8.8 48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

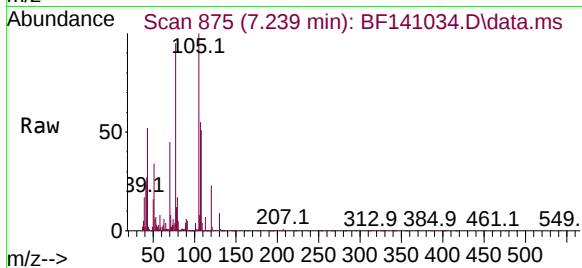
Tgt Ion:136 Resp: 1011696
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.0 7.6 11.4
68 6.8 5.6 8.4



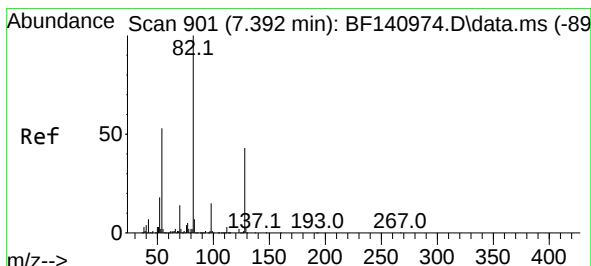
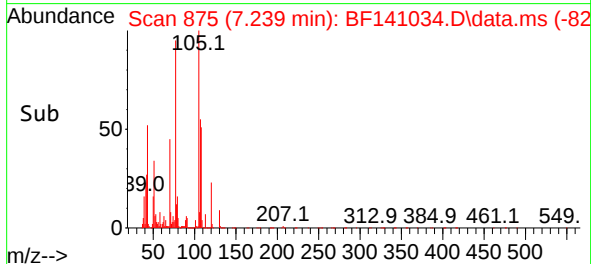
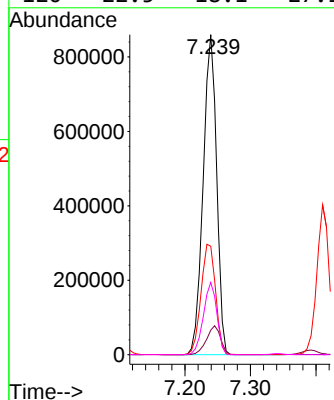


#22
Acetophenone
Concen: 49.633 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

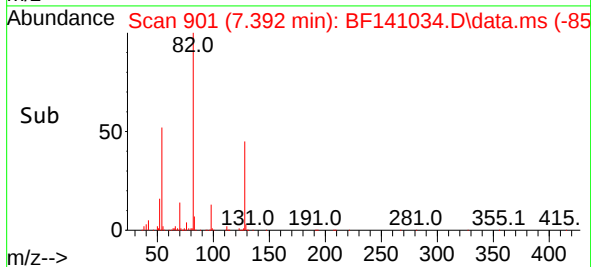
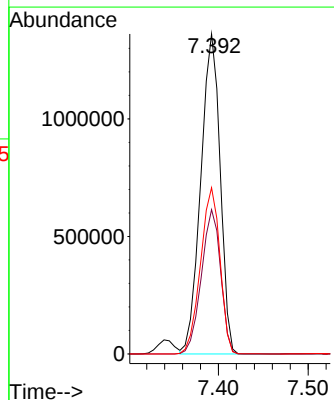
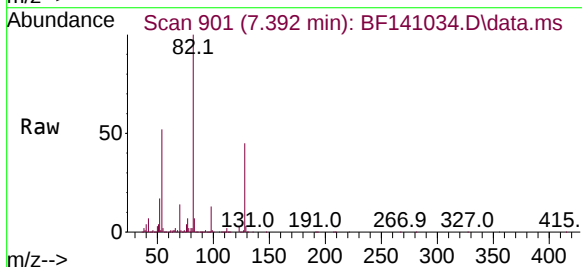


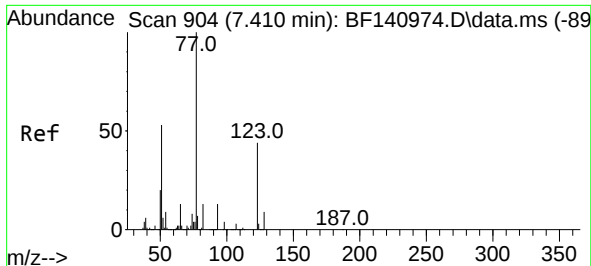
Tgt Ion:105 Resp: 1231803
Ion Ratio Lower Upper
105 100
71 7.7 6.1 9.1
51 33.9 25.8 38.6
120 22.5 18.1 27.1



#23
Nitrobenzene-d5
Concen: 128.884 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 82 Resp: 2038064
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 52.0 42.4 63.6

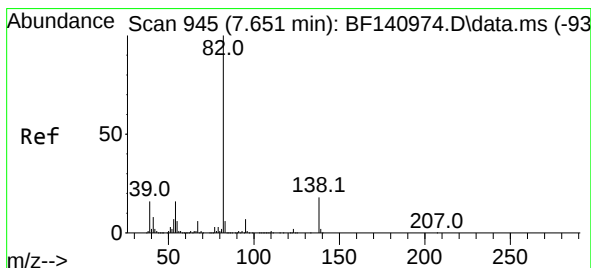
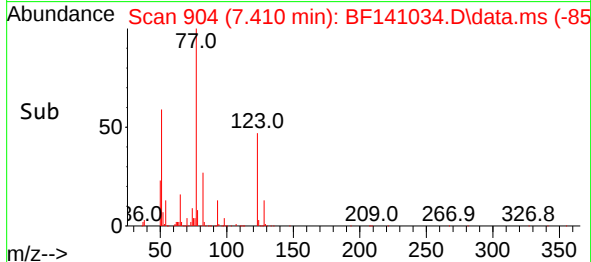
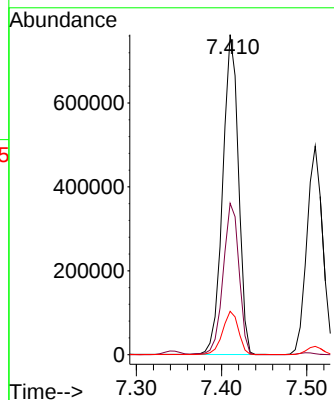
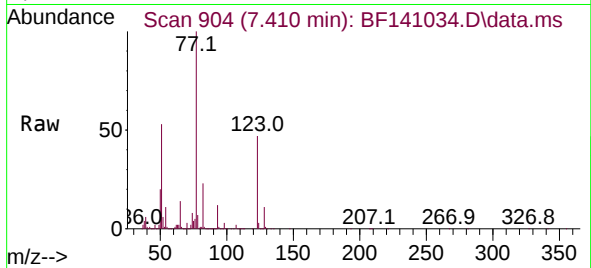




#24
Nitrobenzene
Concen: 55.501 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

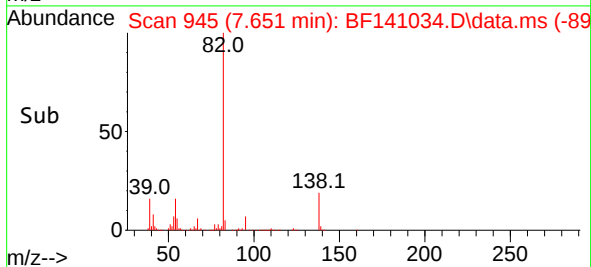
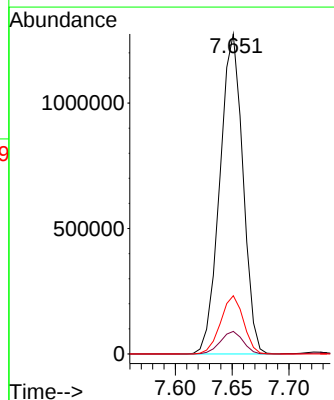
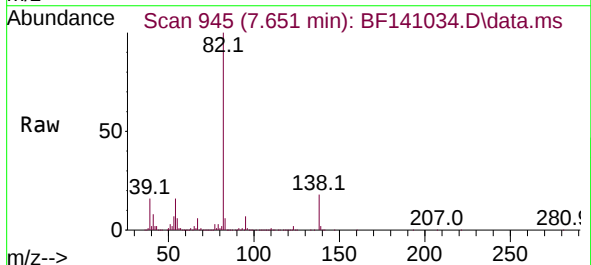
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

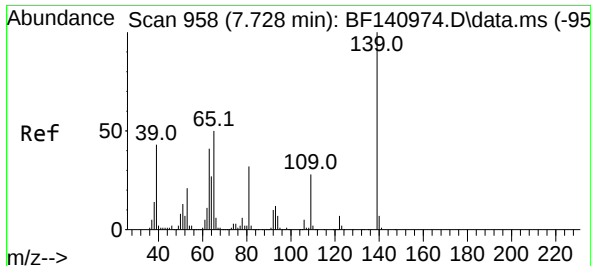
Tgt Ion: 77 Resp: 980680
Ion Ratio Lower Upper
77 100
123 47.3 35.4 53.2
65 13.6 10.7 16.1



#25
Isophorone
Concen: 52.324 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 82 Resp: 1800505
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 14.6 21.8

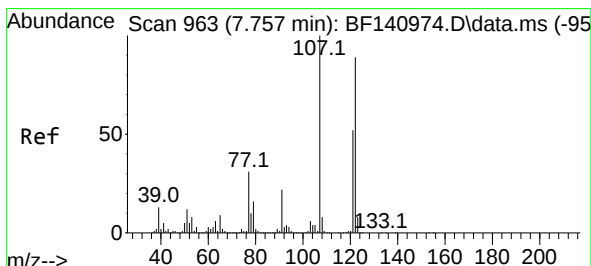
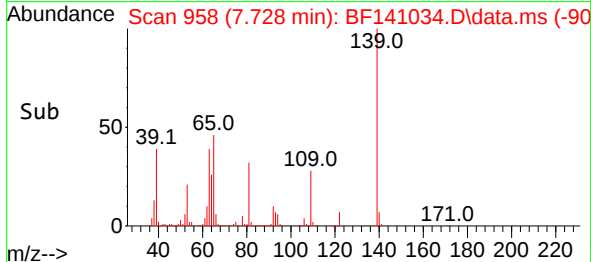
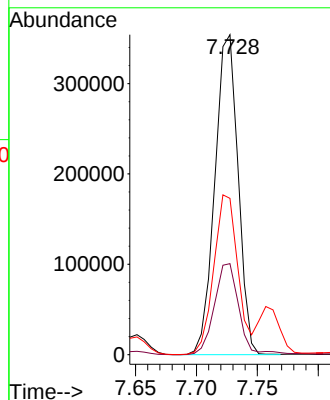
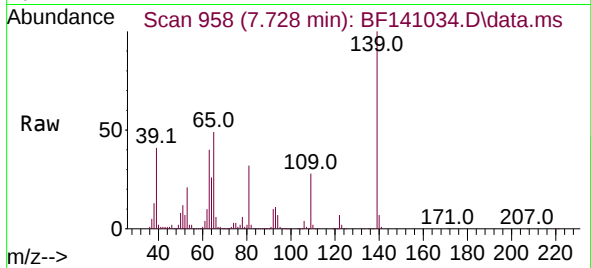




#26
2-Nitrophenol
Concen: 63.076 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

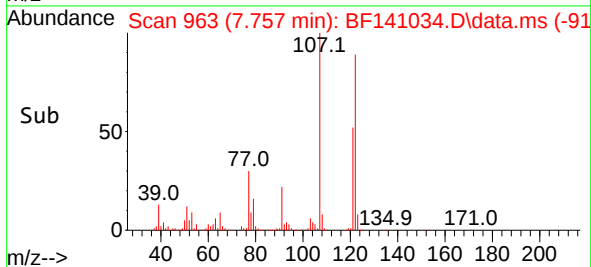
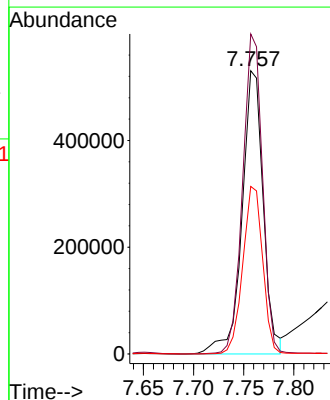
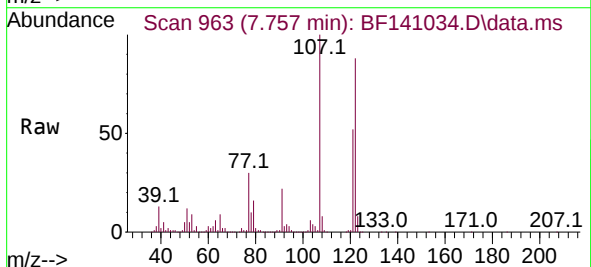
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

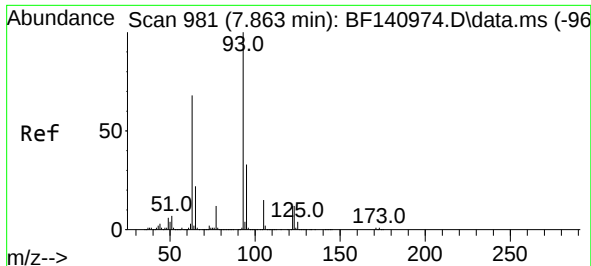
Tgt Ion:139 Resp: 470297
Ion Ratio Lower Upper
139 100
109 28.4 22.2 33.4
65 48.8 40.2 60.4



#27
2,4-Dimethylphenol
Concen: 62.128 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:122 Resp: 781312
Ion Ratio Lower Upper
122 100
107 113.0 89.4 134.2
121 59.2 46.7 70.1





#28

bis(2-Chloroethoxy)methane

Concen: 50.338 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

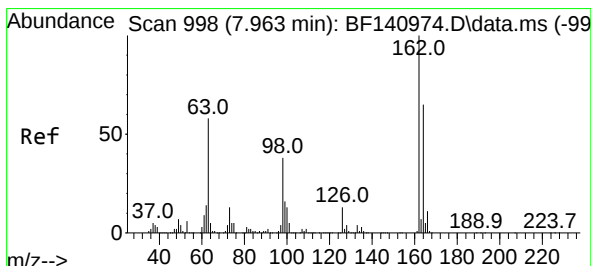
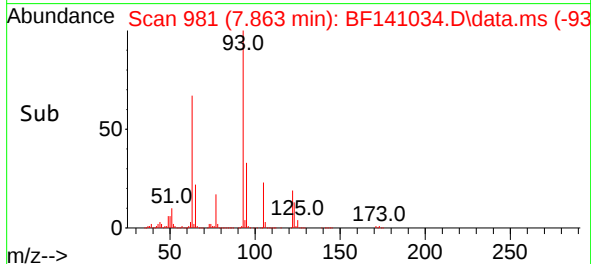
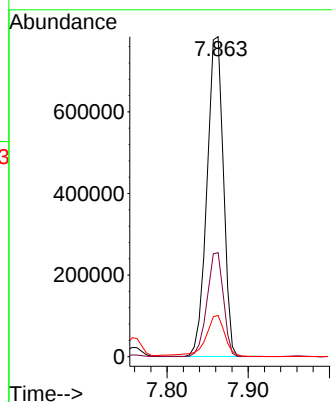
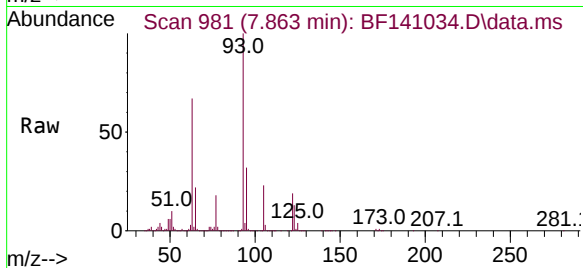
BNA_F

ClientSampleId :

WC-SOIL-20241219MS

Tgt Ion: 93 Resp: 1097464

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.9	9.9	14.9



#29

2,4-Dichlorophenol

Concen: 54.799 ng

RT: 7.963 min Scan# 998

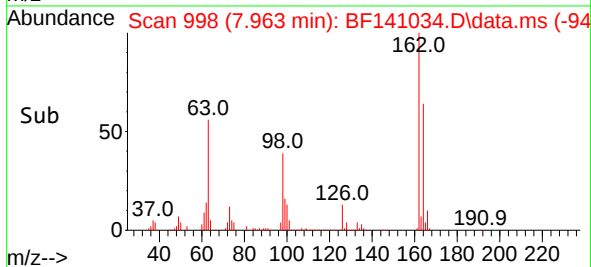
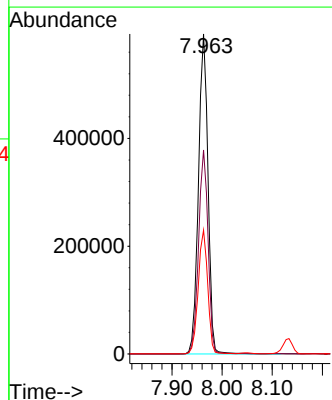
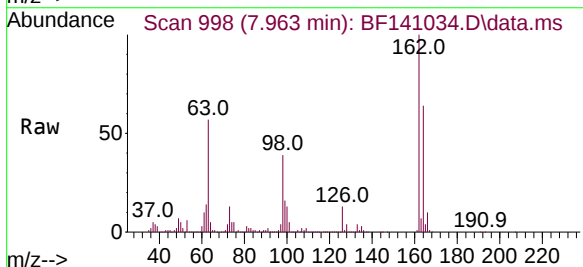
Delta R.T. -0.000 min

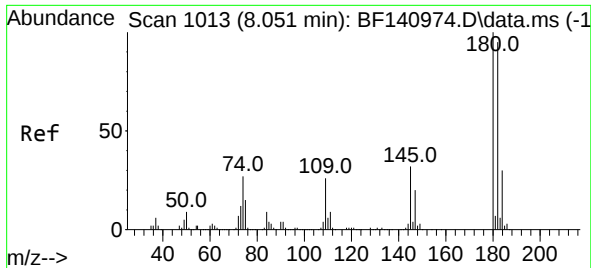
Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Tgt Ion: 162 Resp: 781594

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.8	84.8
98	38.7	18.6	58.6

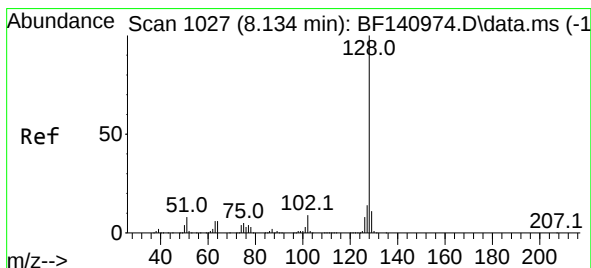
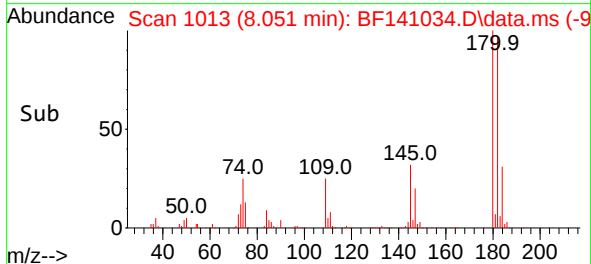
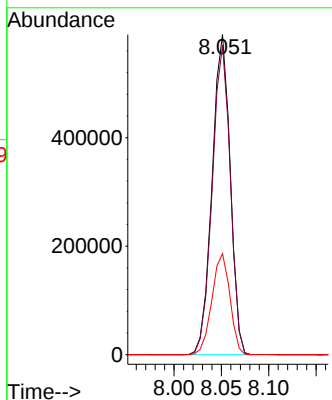
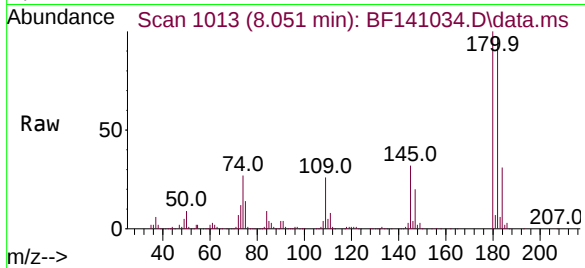




#30
1,2,4-Trichlorobenzene
Concen: 48.504 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

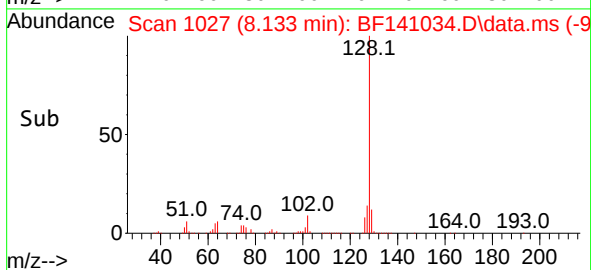
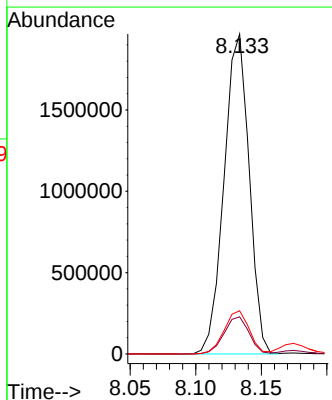
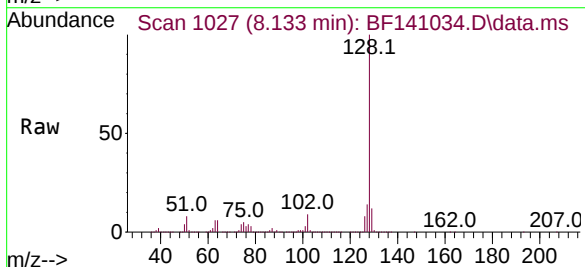
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

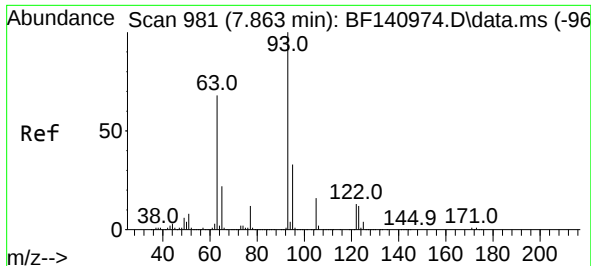
Tgt Ion:180 Resp: 783025
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 31.6 25.4 38.2



#31
Naphthalene
Concen: 49.128 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:128 Resp: 2619046
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 11.0 16.4

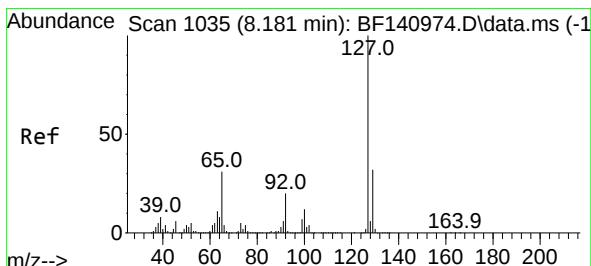
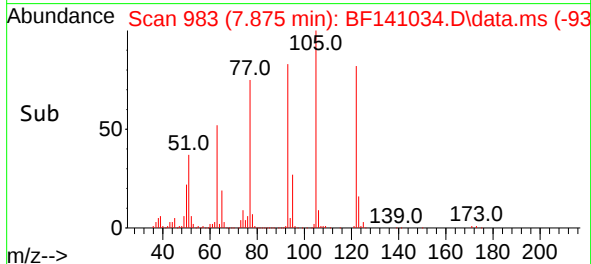
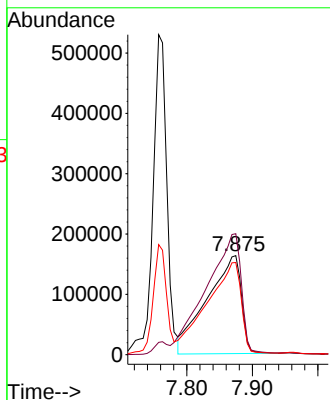
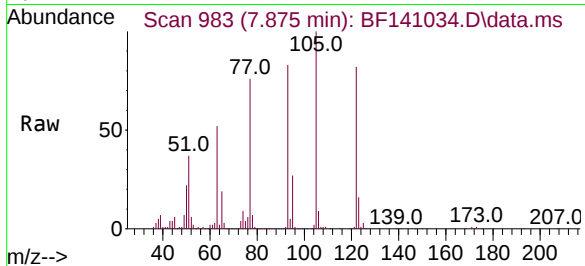




#32
Benzoic acid
Concen: 55.716 ng
RT: 7.875 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

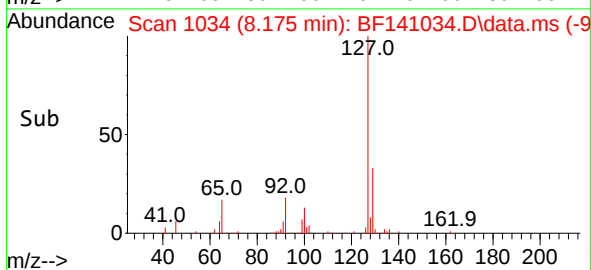
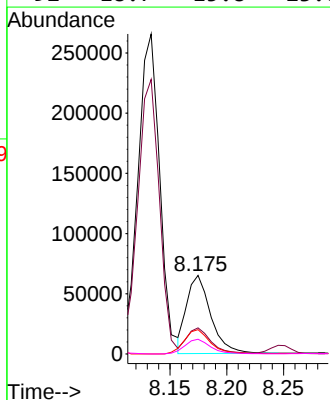
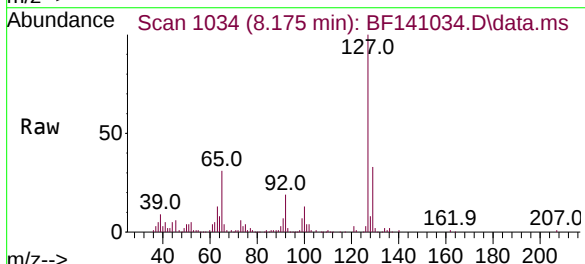
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

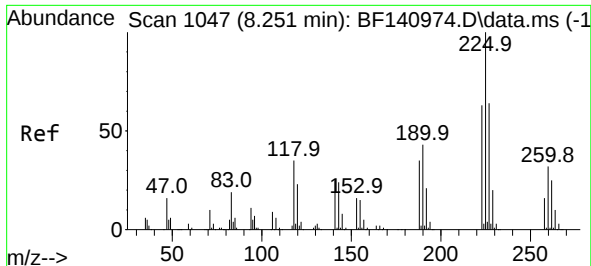
Tgt Ion:122 Resp: 591856
Ion Ratio Lower Upper
122 100
105 122.1 105.4 145.4
77 93.1 76.4 116.4



#33
4-Chloroaniline
Concen: 4.945 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

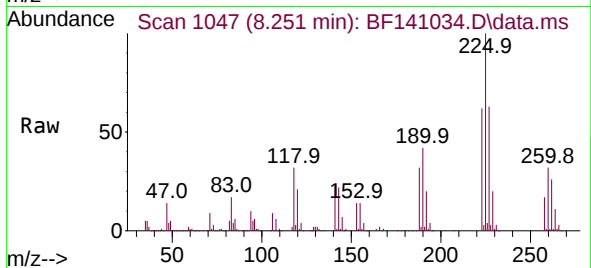
Tgt Ion:127 Resp: 95361
Ion Ratio Lower Upper
127 100
129 33.2 26.1 39.1
65 30.9 24.6 37.0
92 18.7 15.8 23.6



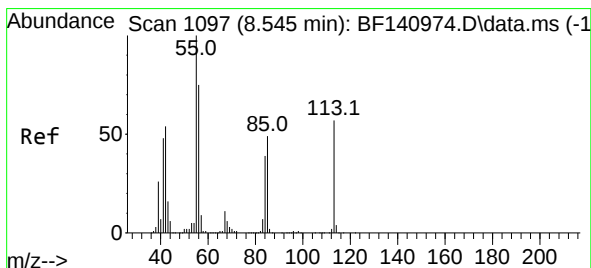
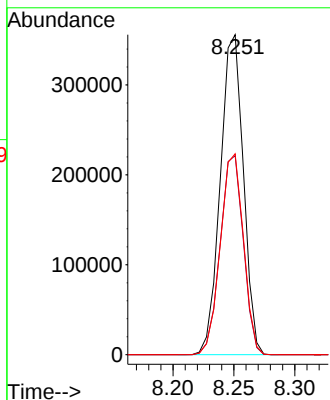
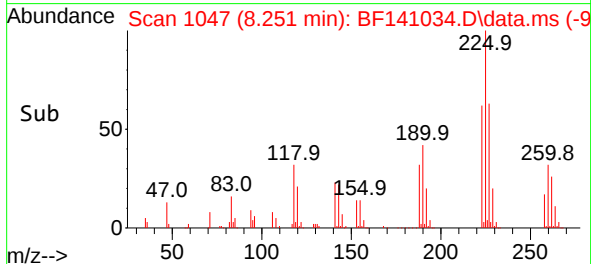


#34
Hexachlorobutadiene
Concen: 49.293 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

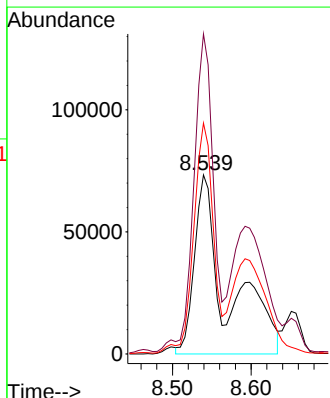
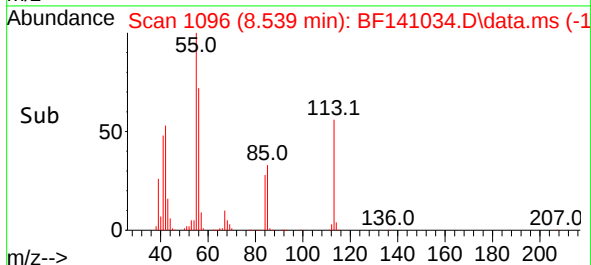
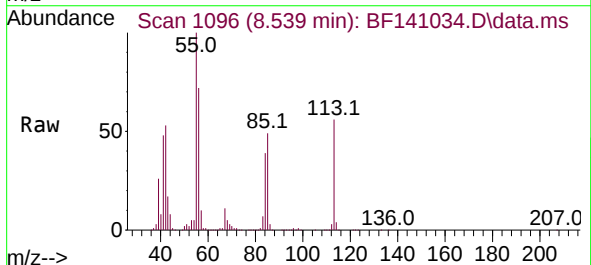


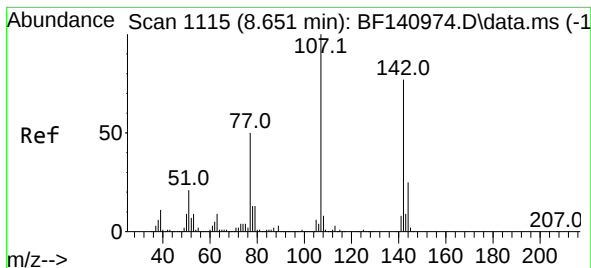
Tgt Ion:225 Resp: 469121
Ion Ratio Lower Upper
225 100
223 62.2 50.3 75.5
227 62.8 50.8 76.2



#35
Caprolactam
Concen: 43.281 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:113 Resp: 209859
Ion Ratio Lower Upper
113 100
55 178.7 156.6 196.6
56 129.0 111.7 151.7

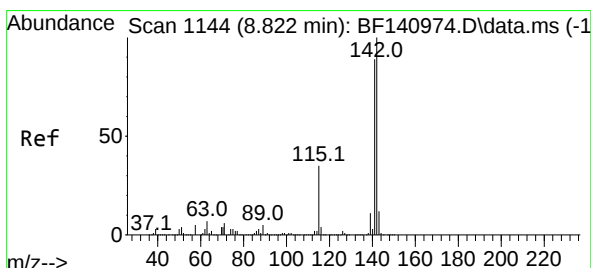
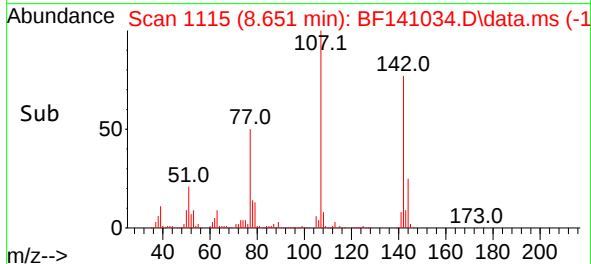
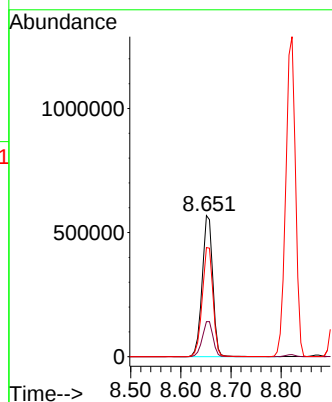
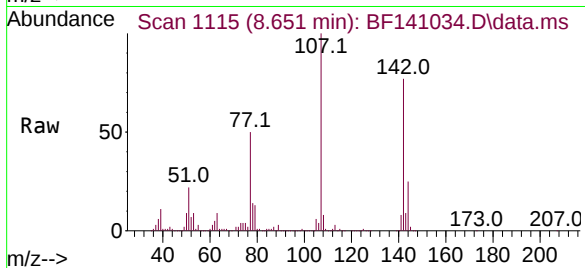




#36
4-Chloro-3-methylphenol
Concen: 52.670 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

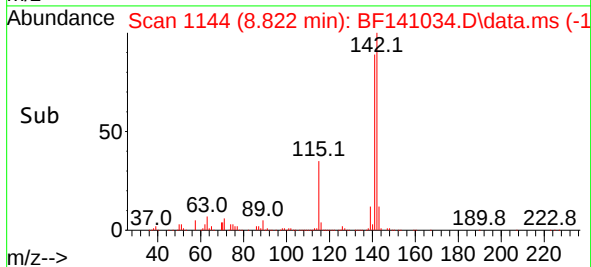
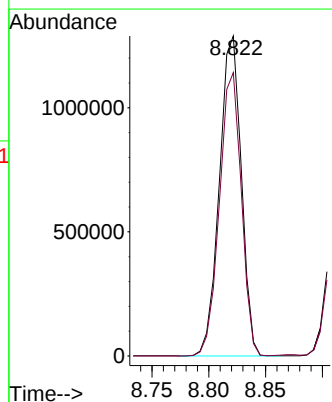
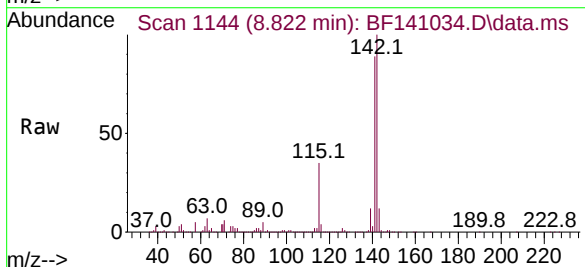
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

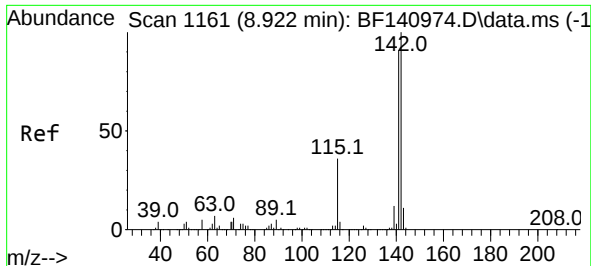
Tgt Ion:107 Resp: 834277
Ion Ratio Lower Upper
107 100
144 24.9 19.9 29.9
142 77.4 61.8 92.8



#37
2-Methylnaphthalene
Concen: 50.716 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:142 Resp: 1729656
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7

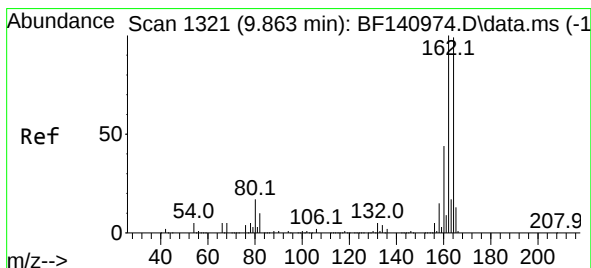
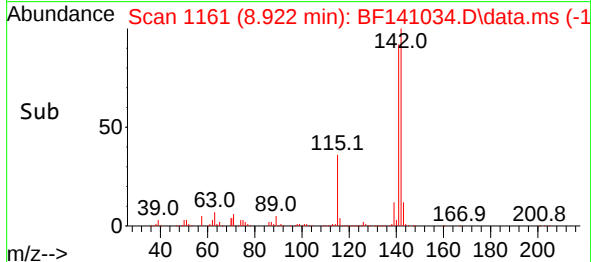
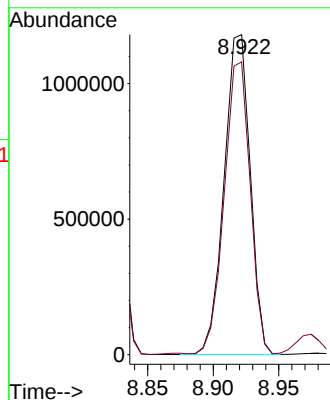
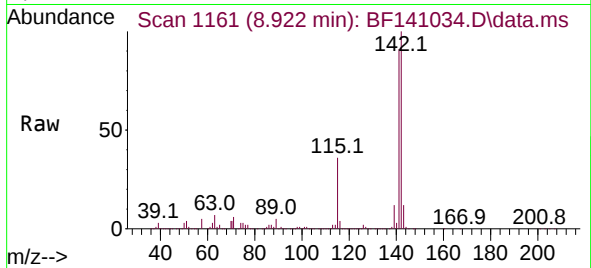




#38
1-Methylnaphthalene
Concen: 48.735 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

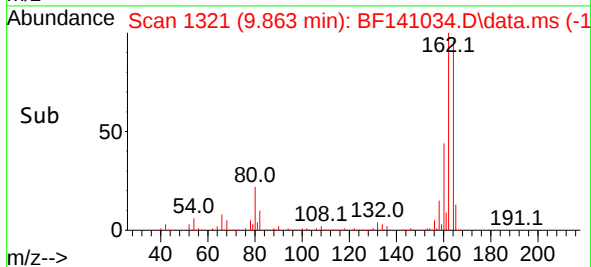
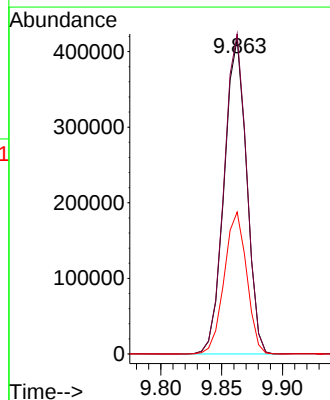
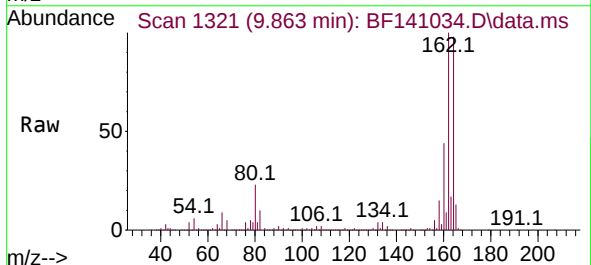
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

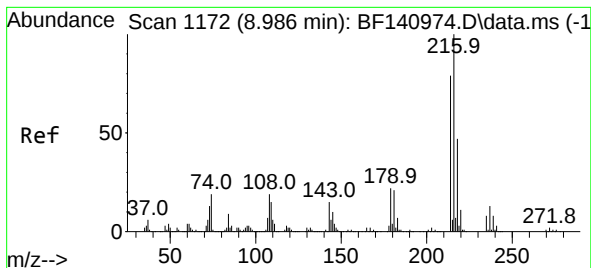
Tgt Ion:142 Resp: 1633480
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:164 Resp: 535091
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.1 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.853 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141034.D

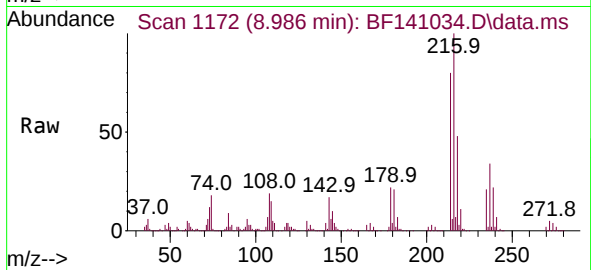
Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS



Tgt Ion:216 Resp: 763326

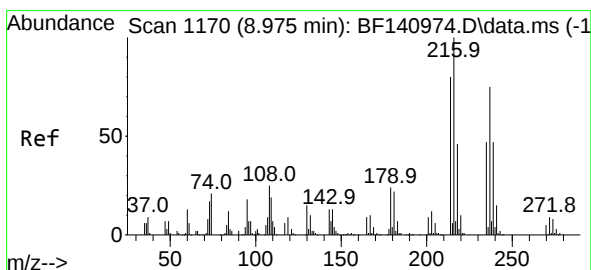
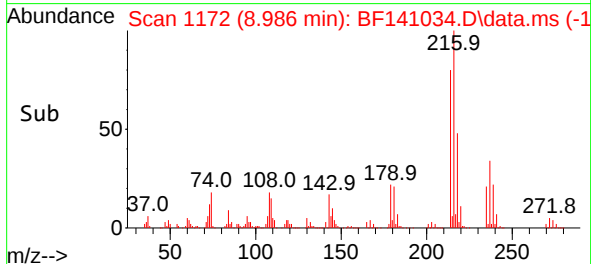
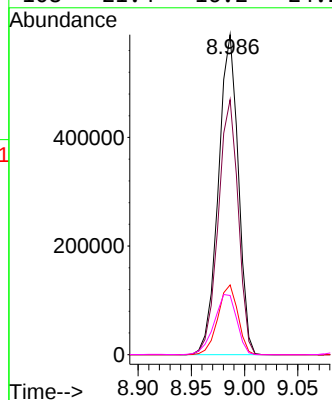
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 21.9 17.9 26.9

108 21.4 16.2 24.2



#41

Hexachlorocyclopentadiene

Concen: 163.909 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

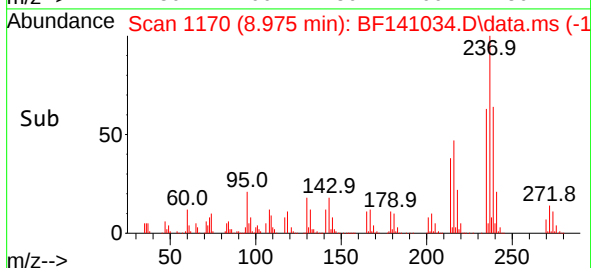
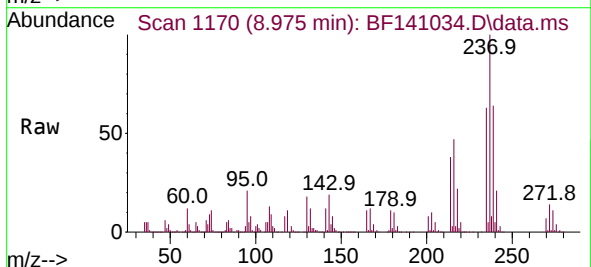
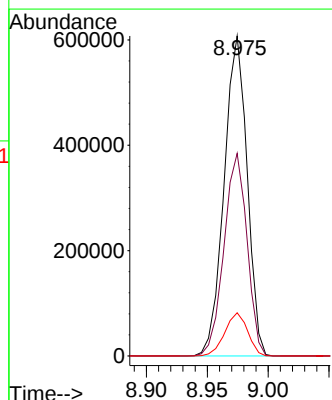
Tgt Ion:237 Resp: 799611

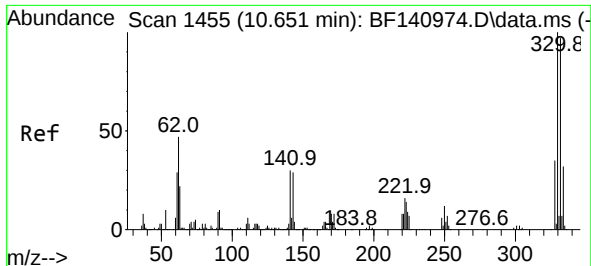
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

272 13.5 0.0 32.6

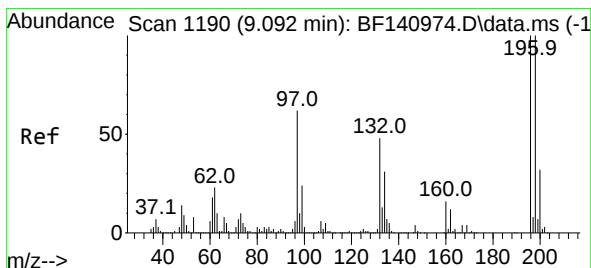
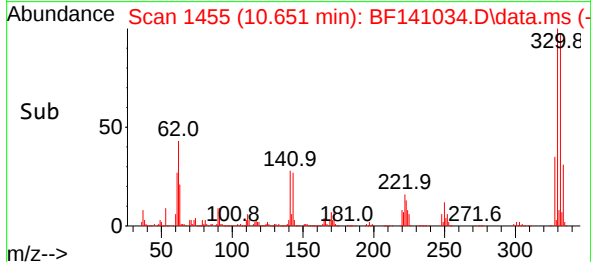
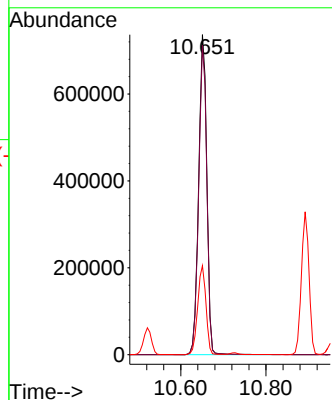
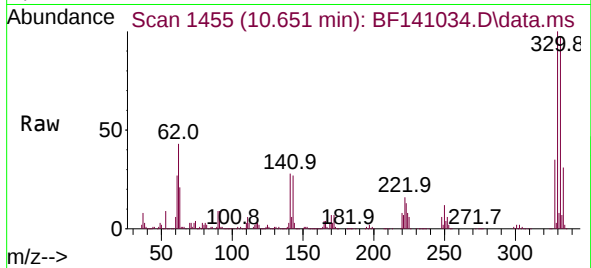




#42
2,4,6-Tribromophenol
Concen: 187.966 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

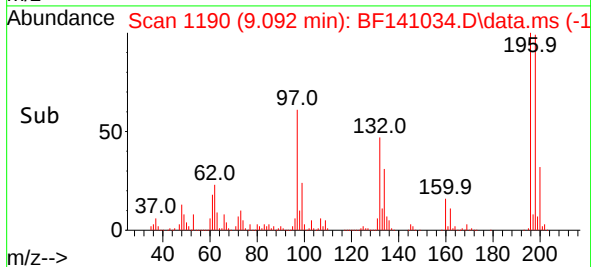
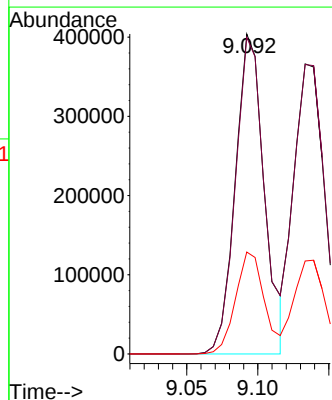
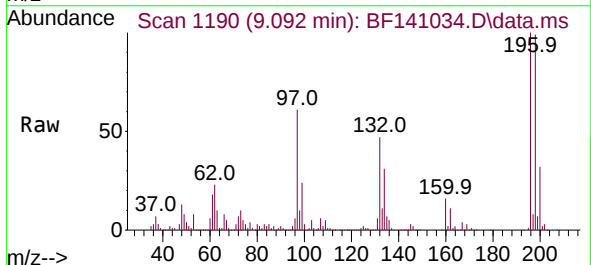
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

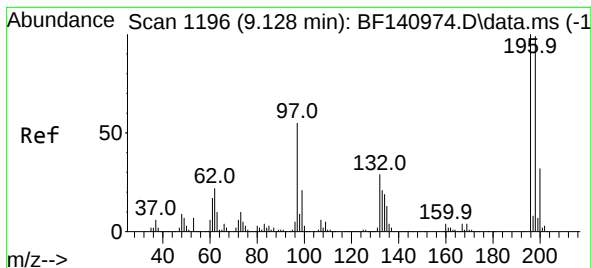
Tgt Ion:330 Resp: 977329
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 28.3 26.4 39.6



#43
2,4,6-Trichlorophenol
Concen: 58.231 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

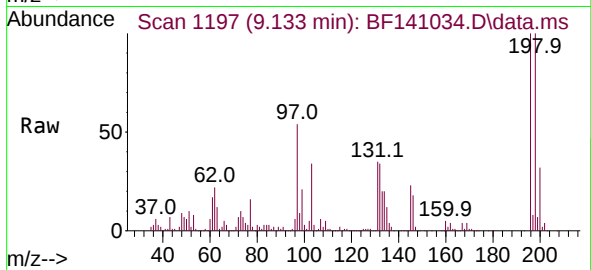
Tgt Ion:196 Resp: 570522
Ion Ratio Lower Upper
196 100
198 99.0 80.2 120.4
200 31.8 25.8 38.6



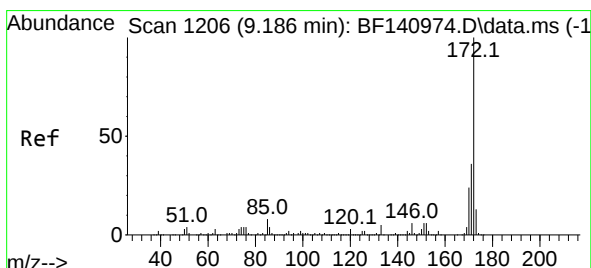
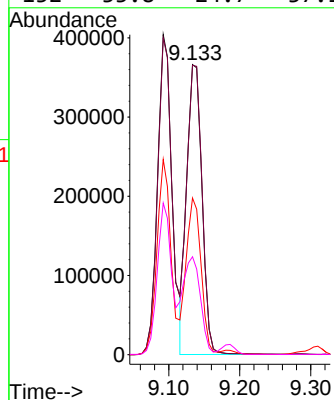
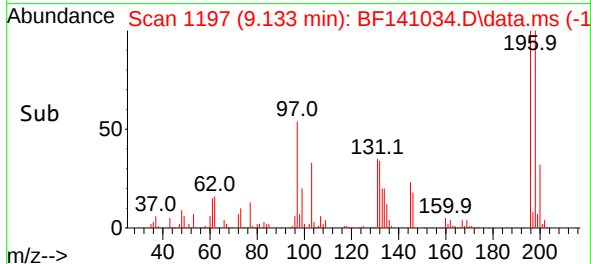


#44
2,4,5-Trichlorophenol
Concen: 54.715 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

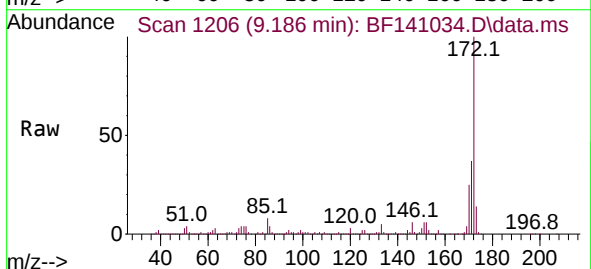
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS



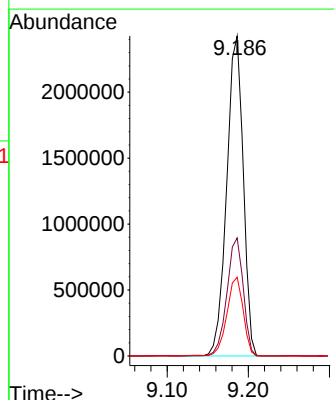
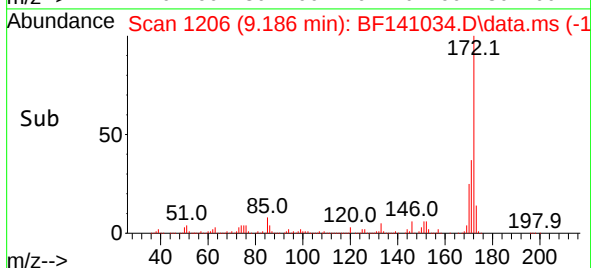
Tgt Ion:196 Resp: 548506
Ion Ratio Lower Upper
196 100
198 99.8 79.9 119.9
97 54.0 44.3 66.5
132 33.8 24.7 37.1

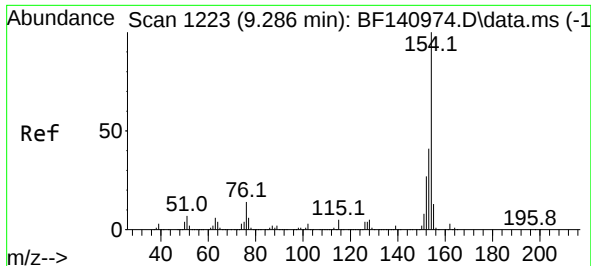


#45
2-Fluorobiphenyl
Concen: 102.249 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47



Tgt Ion:172 Resp: 3434049
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.6 19.6 29.4

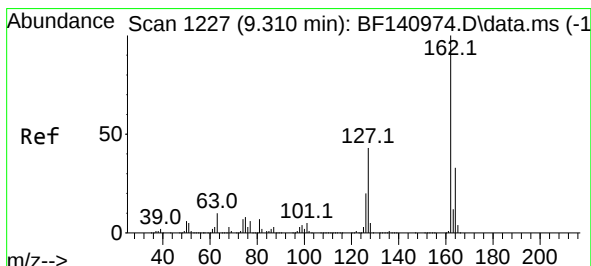
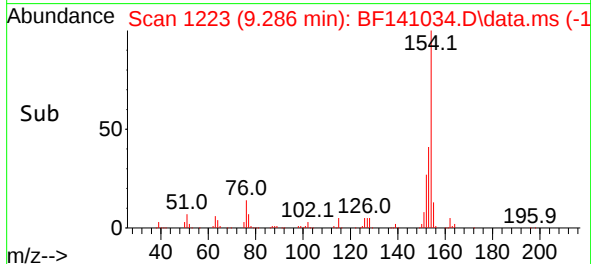
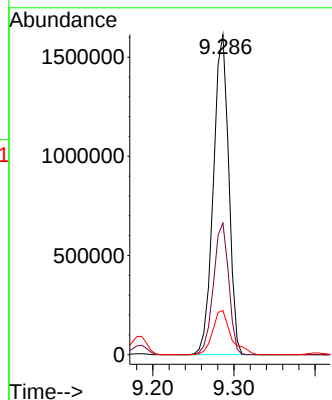
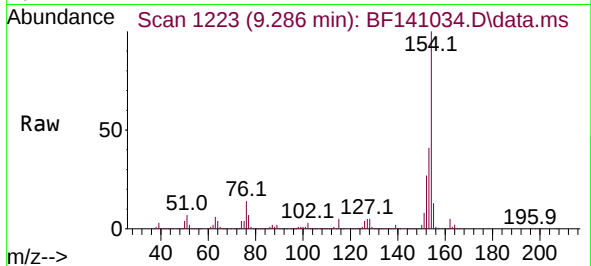




#46
1,1'-Biphenyl
Concen: 51.647 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

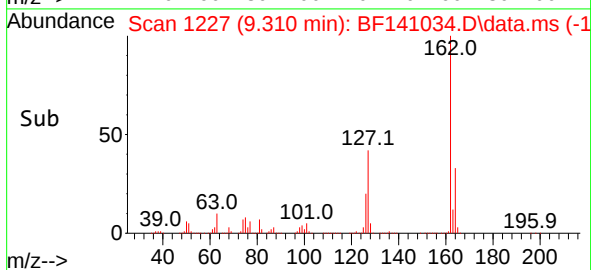
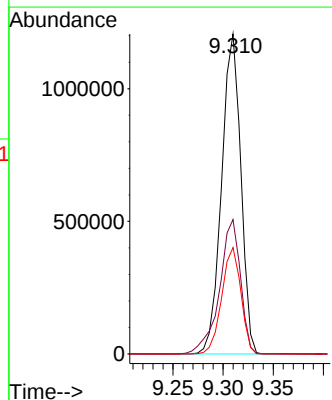
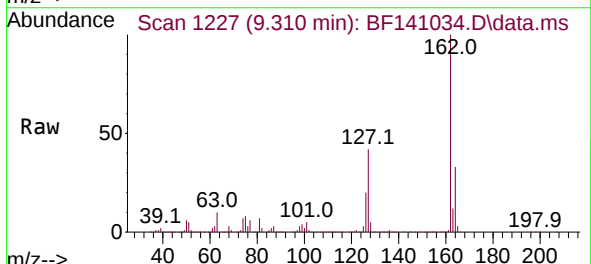
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

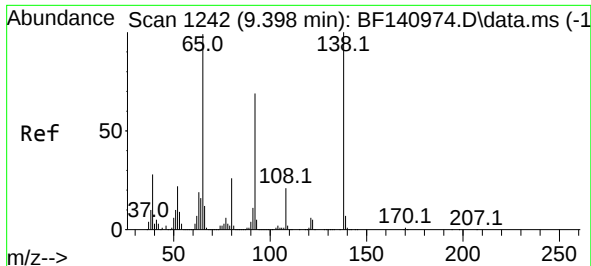
Tgt Ion:154 Resp: 2116058
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 13.8 0.0 34.0



#47
2-Chloronaphthalene
Concen: 50.472 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:162 Resp: 1603805
Ion Ratio Lower Upper
162 100
127 42.0 34.2 51.4
164 33.3 26.6 40.0





#48

2-Nitroaniline

Concen: 59.843 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

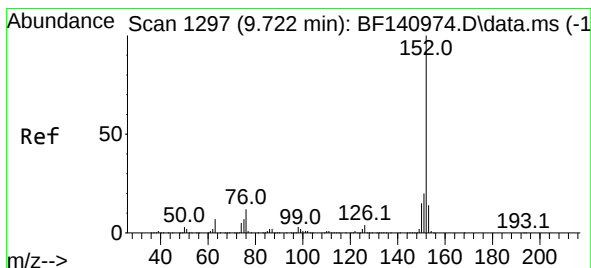
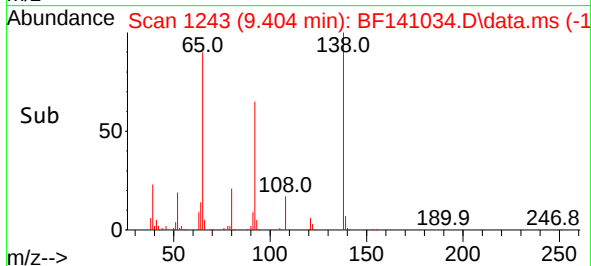
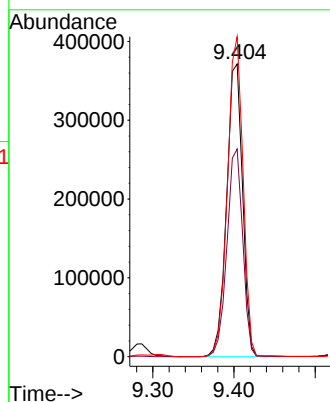
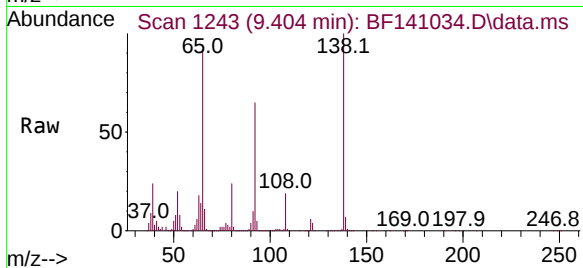
Tgt Ion: 65 Resp: 508015

Ion Ratio Lower Upper

65 100

92 70.9 55.6 83.4

138 109.3 80.5 120.7



#49

Acenaphthylene

Concen: 54.660 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

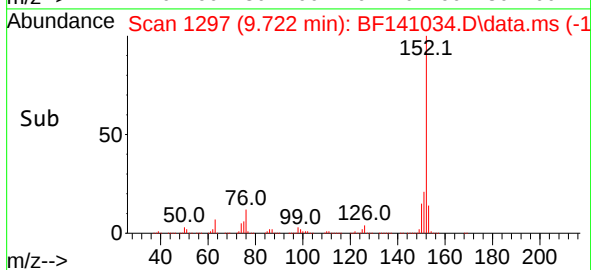
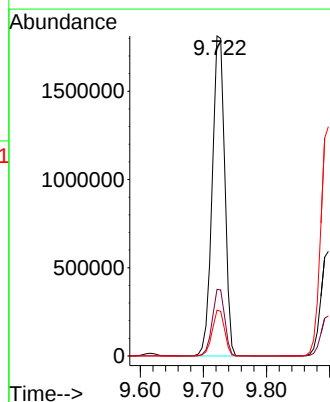
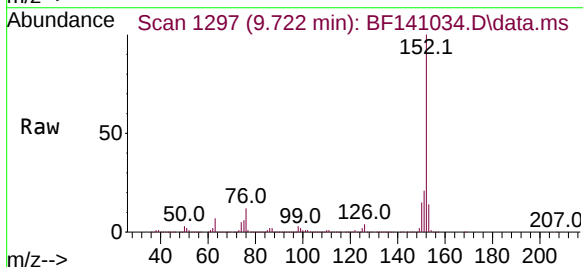
Tgt Ion: 152 Resp: 2500345

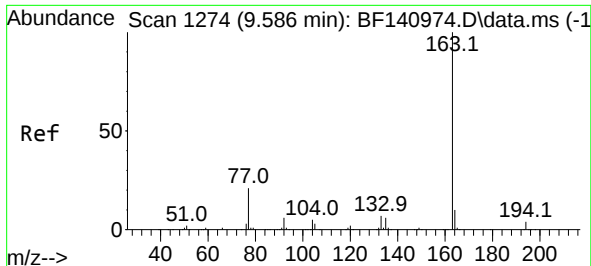
Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 14.3 11.4 17.0

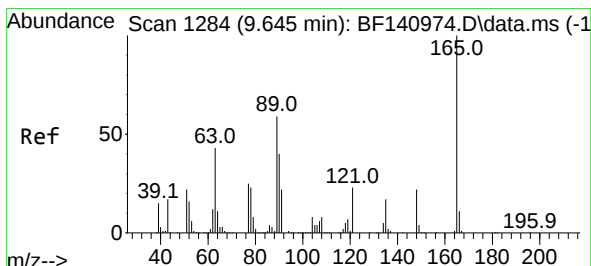
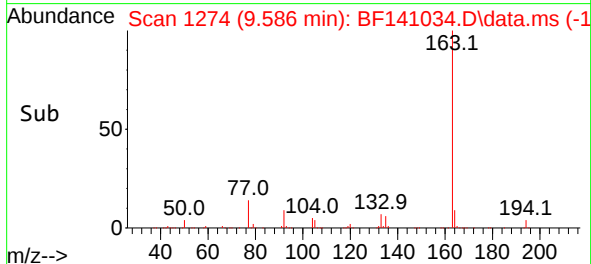
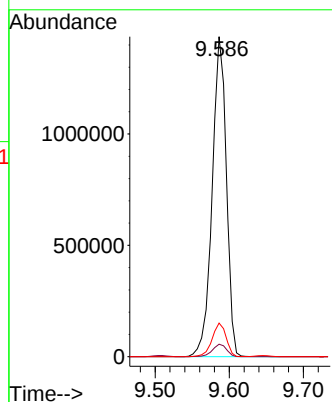
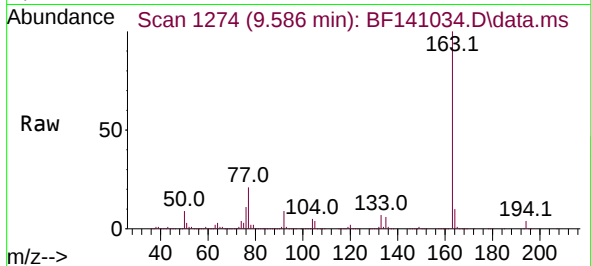




#50
Dimethylphthalate
Concen: 54.258 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

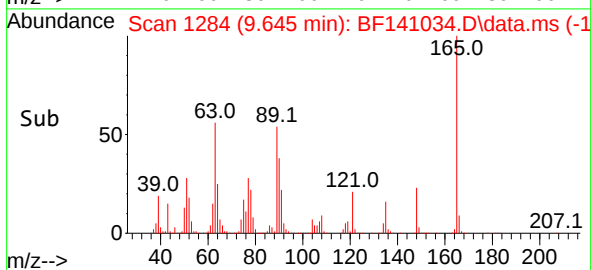
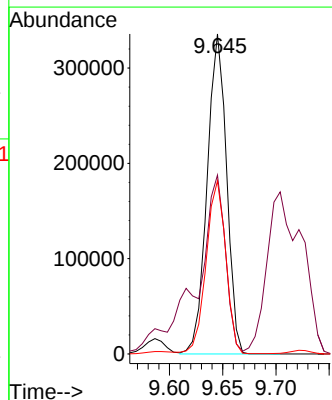
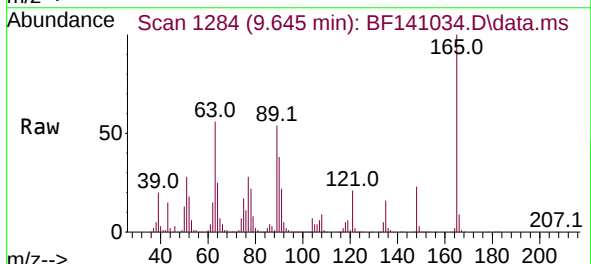
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

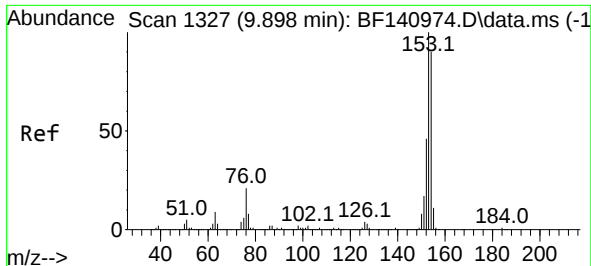
Tgt Ion:163 Resp: 1909695
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 58.769 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:165 Resp: 428203
Ion Ratio Lower Upper
165 100
63 55.9 47.1 70.7
89 54.1 47.0 70.4

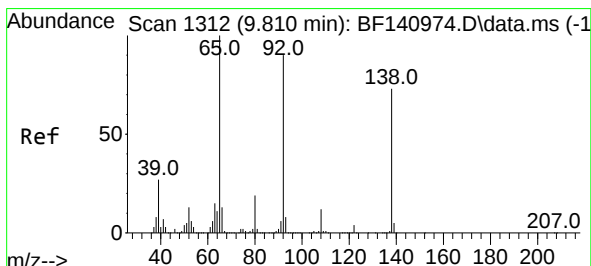
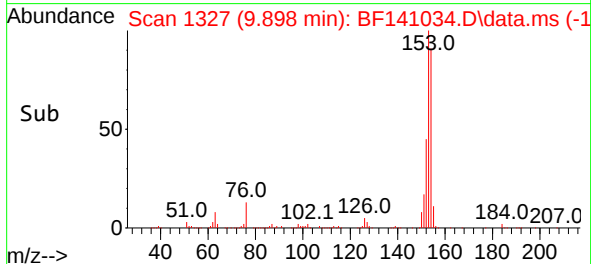
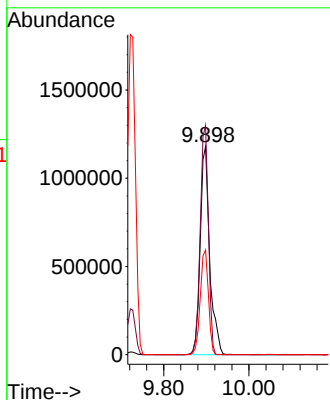
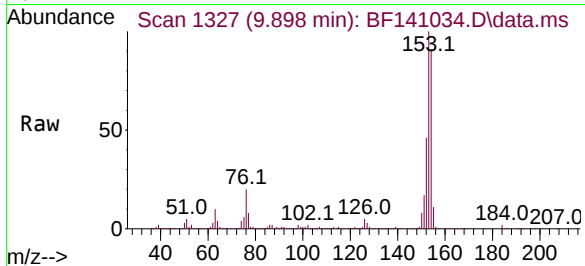




#52
Acenaphthene
Concen: 59.106 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

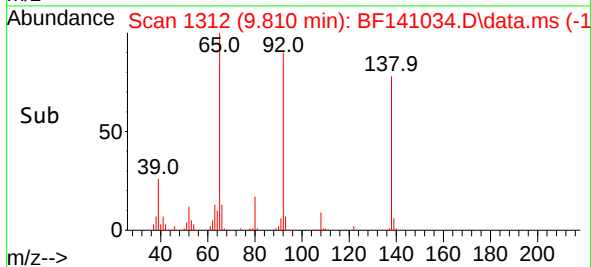
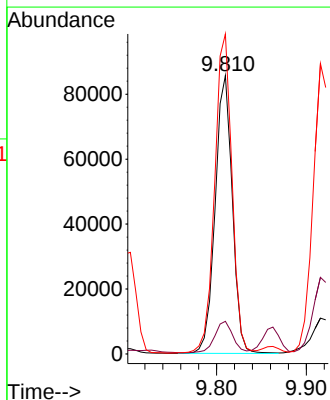
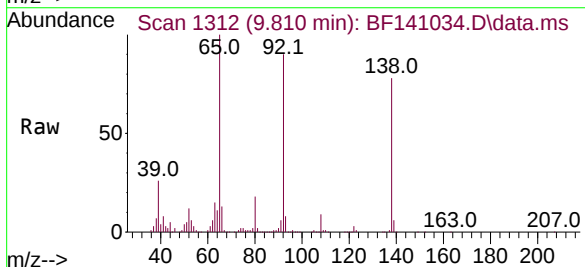
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

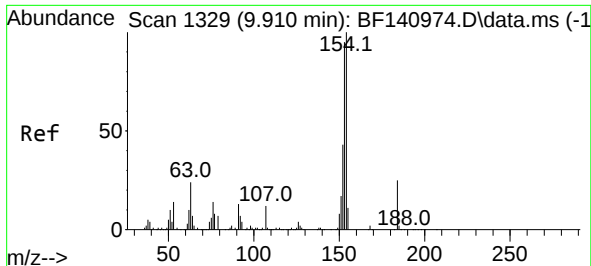
Tgt Ion:154 Resp: 1827847
Ion Ratio Lower Upper
154 100
153 110.3 89.2 133.8
152 50.3 40.9 61.3



#53
3-Nitroaniline
Concen: 16.808 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:138 Resp: 113430
Ion Ratio Lower Upper
138 100
108 11.7 13.5 20.3#
92 114.9 97.7 146.5

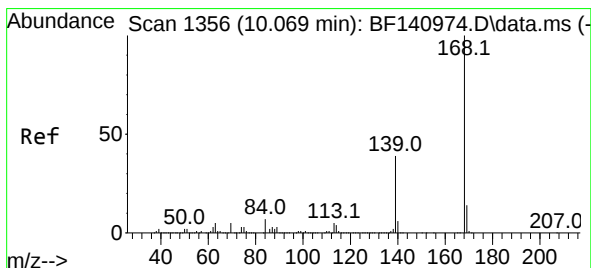
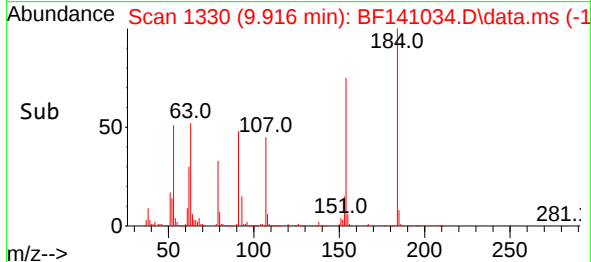
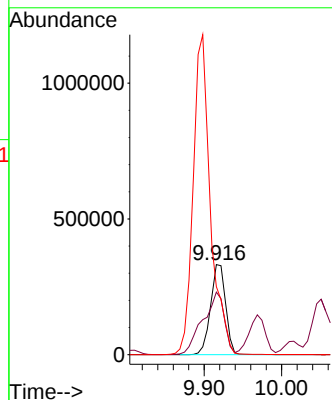
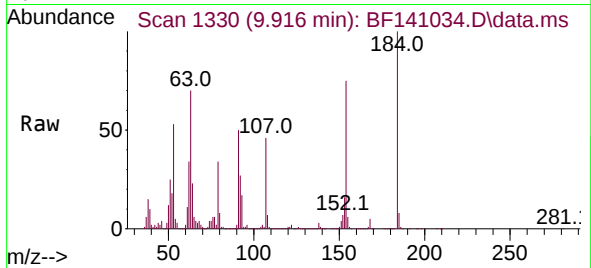




#54
2,4-Dinitrophenol
Concen: 124.733 ng
RT: 9.916 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

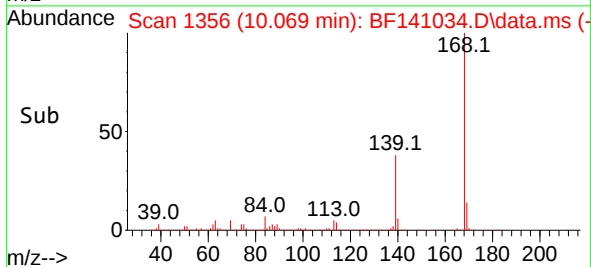
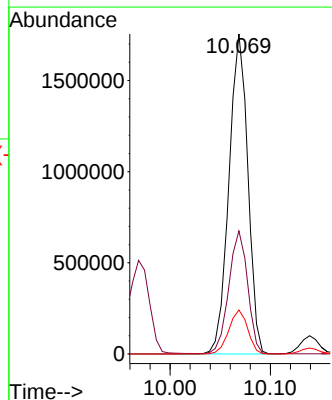
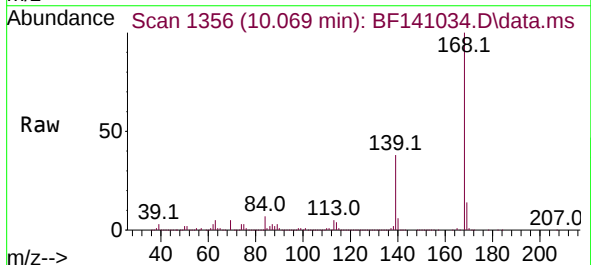
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

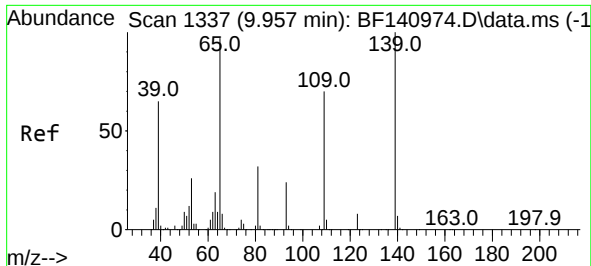
Tgt Ion:184 Resp: 448869
Ion Ratio Lower Upper
184 100
63 69.5 81.6 122.4#
154 75.5 363.5 545.3#



#55
Dibenzofuran
Concen: 52.902 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:168 Resp: 2299139
Ion Ratio Lower Upper
168 100
139 38.4 31.6 47.4
169 13.7 11.0 16.6

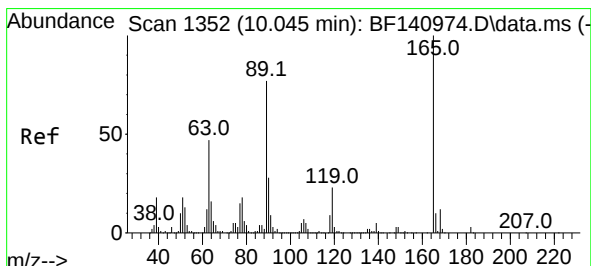
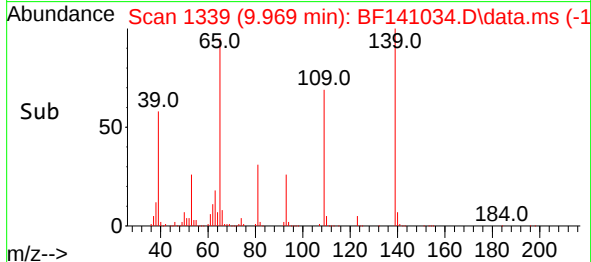
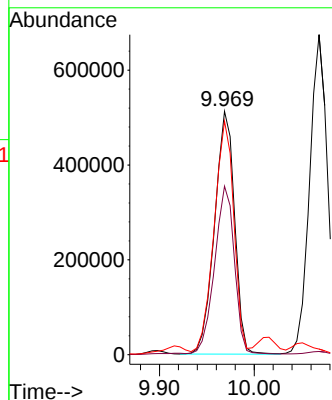
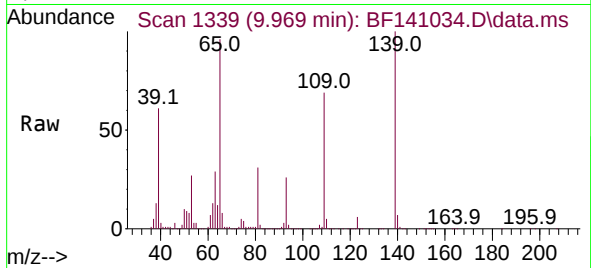




#56
4-Nitrophenol
Concen: 124.737 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

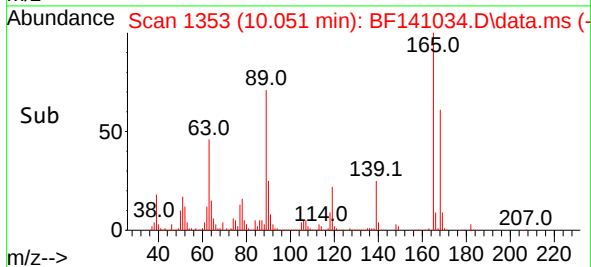
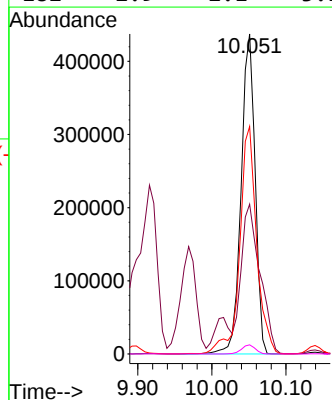
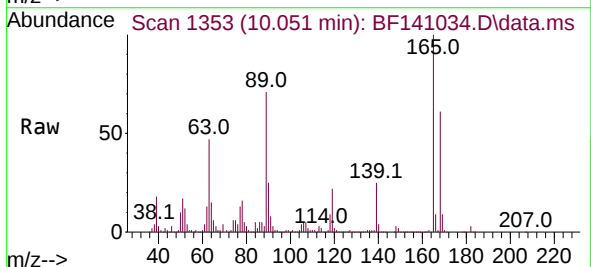
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

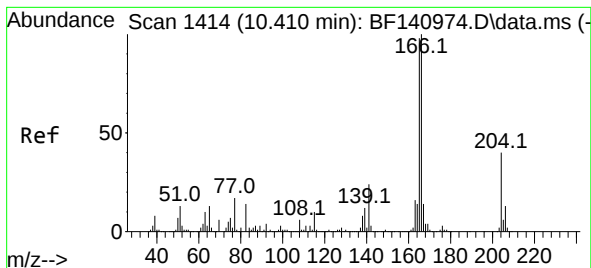
Tgt Ion:139 Resp: 750997
Ion Ratio Lower Upper
139 100
109 69.3 50.8 90.8
65 96.0 78.5 118.5



#57
2,4-Dinitrotoluene
Concen: 63.701 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:165 Resp: 573777
Ion Ratio Lower Upper
165 100
63 46.8 38.1 57.1
89 71.1 61.4 92.2
182 2.9 2.1 3.1





#58

Fluorene

Concen: 51.418 ng

RT: 10.410 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

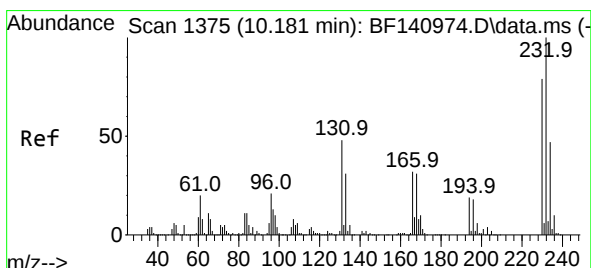
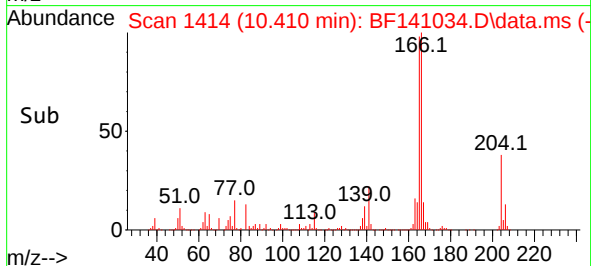
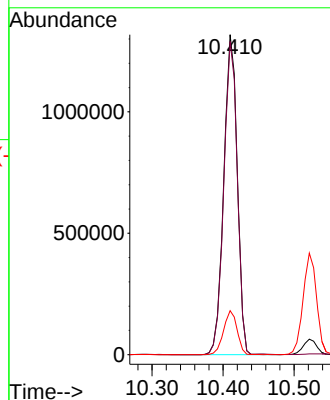
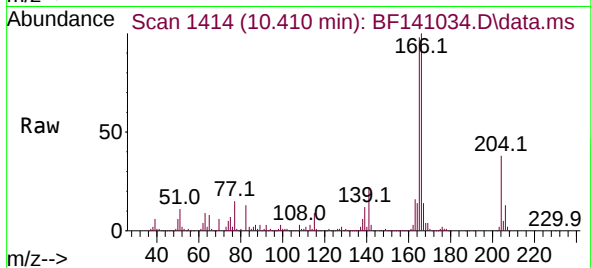
Tgt Ion:166 Resp: 1732833

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

167 13.8 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 59.715 ng

RT: 10.180 min Scan# 1375

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Tgt Ion:232 Resp: 495788

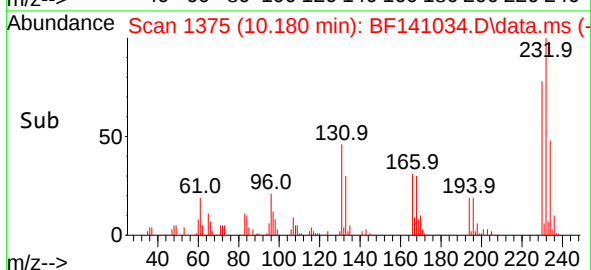
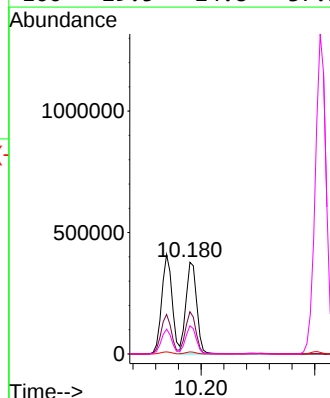
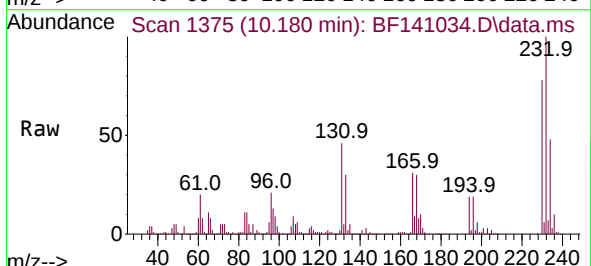
Ion Ratio Lower Upper

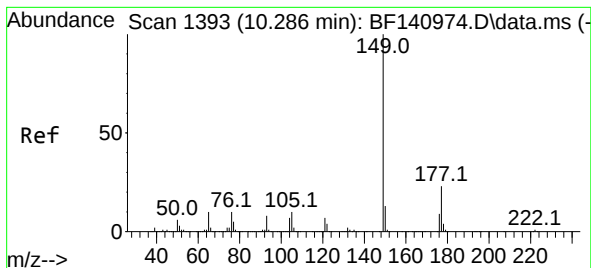
232 100

131 45.4 37.4 56.2

130 2.1 1.8 2.8

166 29.5 24.8 37.2

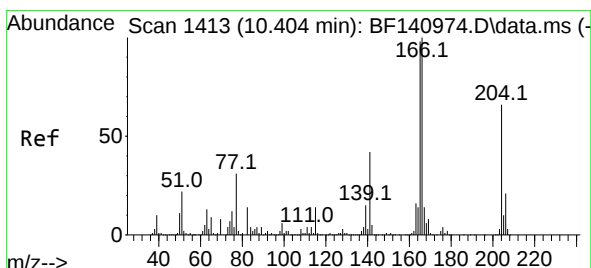
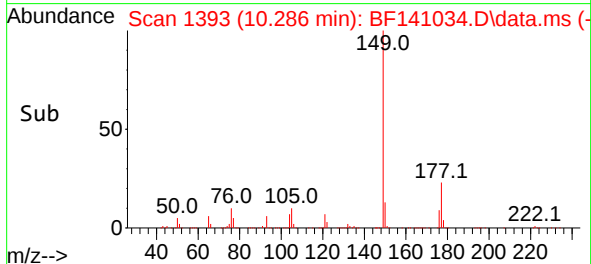
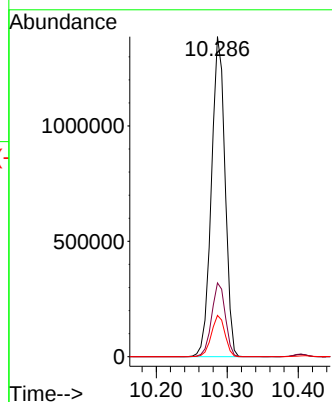
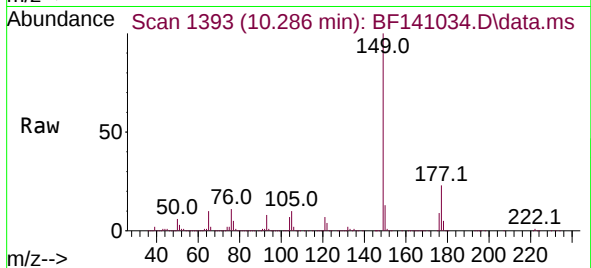




#60
Diethylphthalate
Concen: 53.241 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

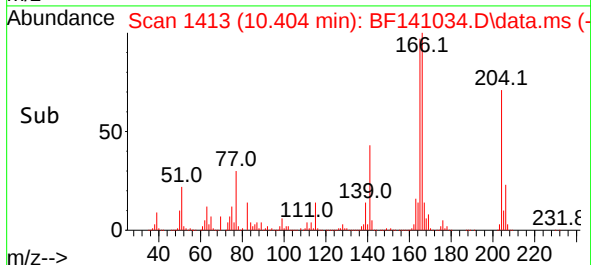
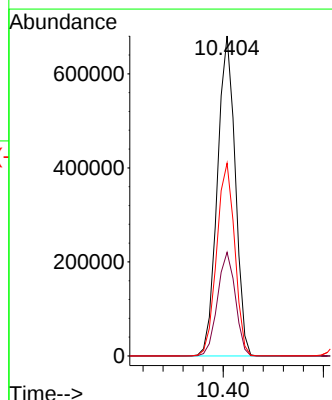
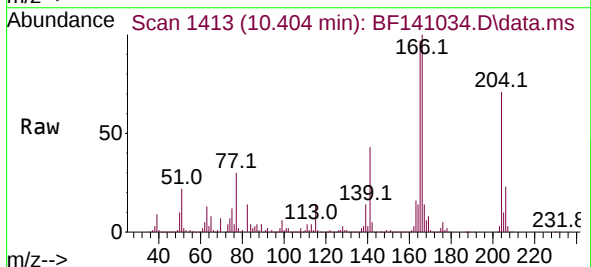
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

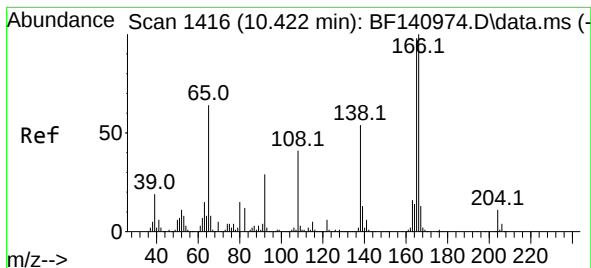
Tgt Ion:149 Resp: 1849974
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.9 10.4 15.6



#61
4-Chlorophenyl-phenylether
Concen: 51.691 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:204 Resp: 838233
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.3 51.2 76.8

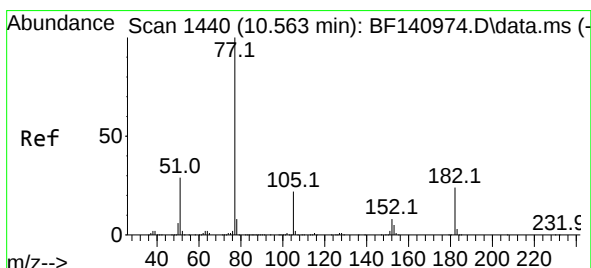
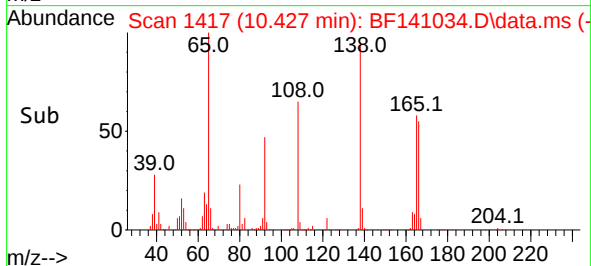
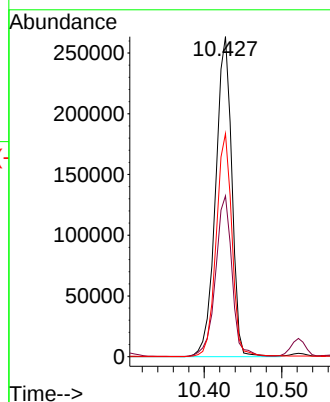
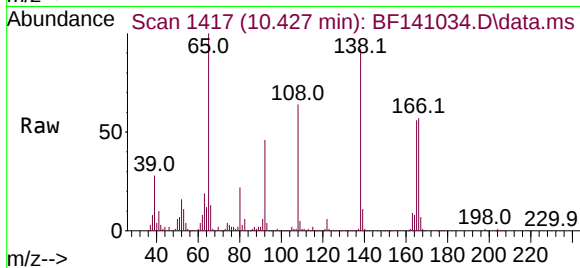




#62
4-Nitroaniline
Concen: 49.102 ng
RT: 10.427 min Scan# 1416
Delta R.T. 0.005 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

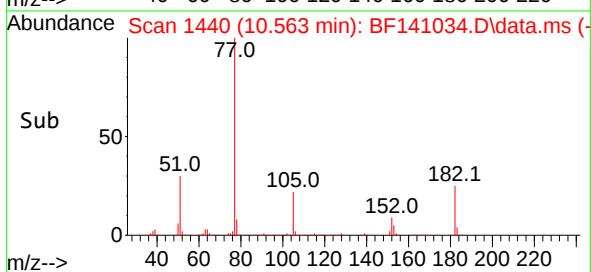
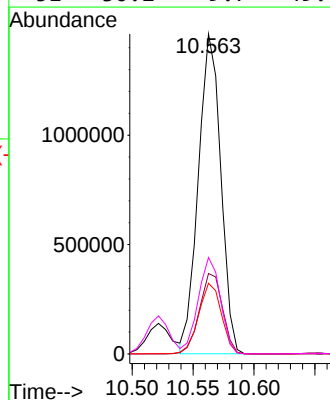
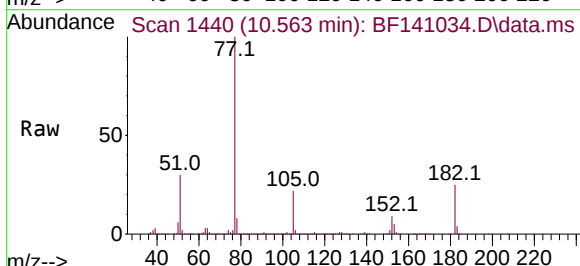
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

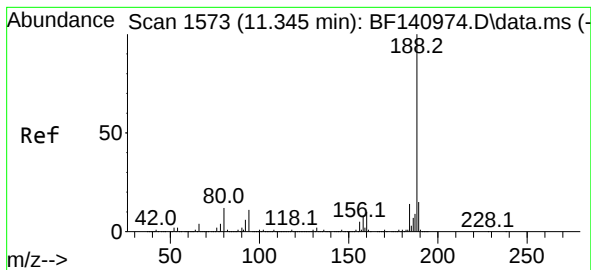
Tgt Ion:138 Resp: 383554
Ion Ratio Lower Upper
138 100
92 50.2 34.8 74.8
108 69.7 55.9 95.9



#63
Azobenzene
Concen: 51.392 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion: 77 Resp: 1874348
Ion Ratio Lower Upper
77 100
182 25.1 4.1 44.1
105 22.1 1.8 41.8
51 30.2 9.7 49.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

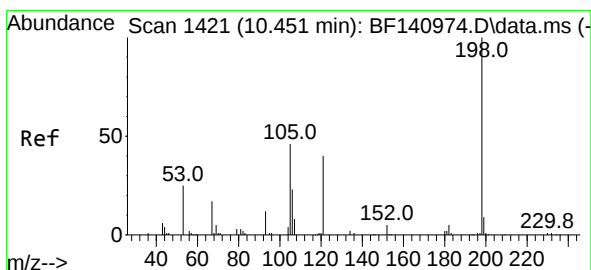
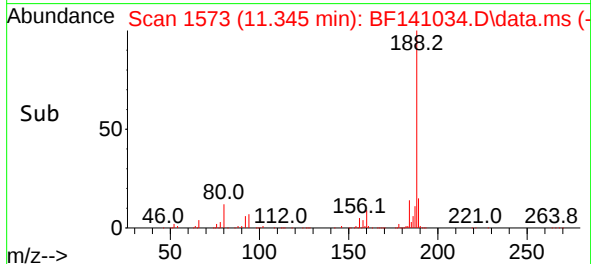
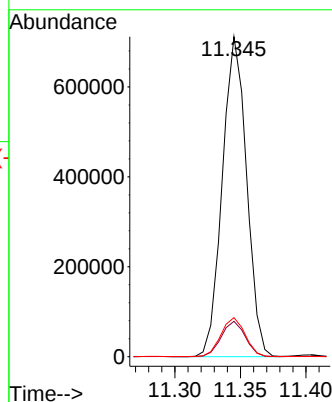
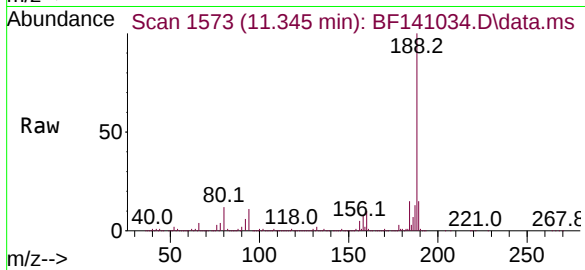
Tgt Ion:188 Resp: 915514

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 12.2 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 76.673 ng

RT: 10.457 min Scan# 1422

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

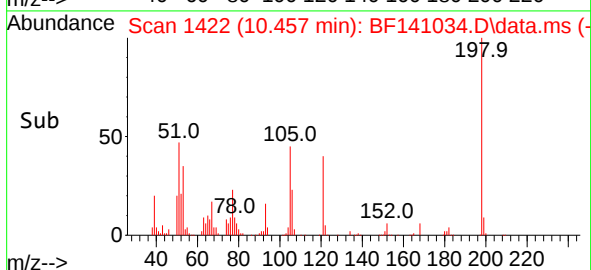
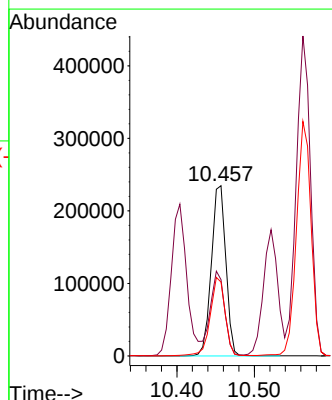
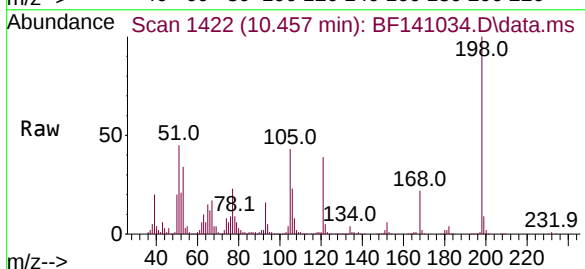
Tgt Ion:198 Resp: 305171

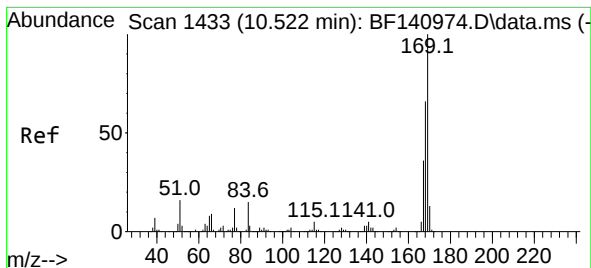
Ion Ratio Lower Upper

198 100

51 44.8 32.3 72.3

105 43.4 28.4 68.4





#66

n-Nitrosodiphenylamine

Concen: 52.668 ng

RT: 10.522 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

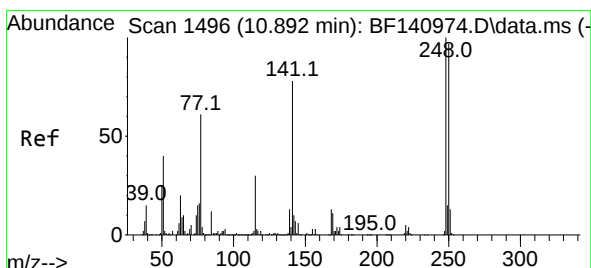
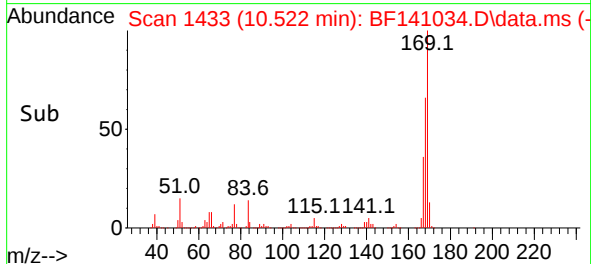
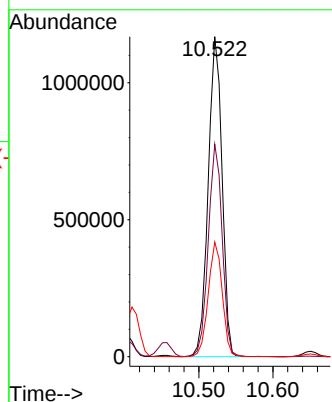
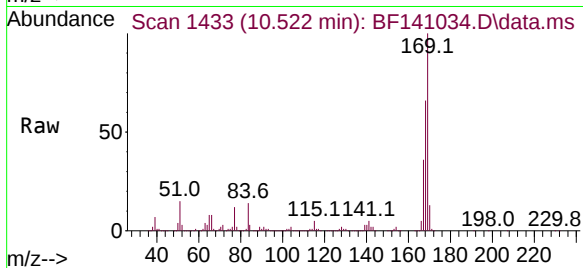
Tgt Ion:169 Resp: 1518384

Ion Ratio Lower Upper

169 100

168 66.4 52.6 79.0

167 35.8 29.0 43.4



#67

4-Bromophenyl-phenylether

Concen: 56.401 ng

RT: 10.892 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

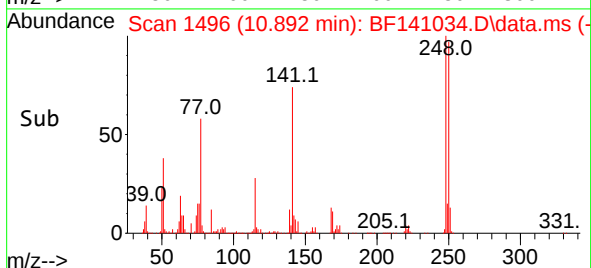
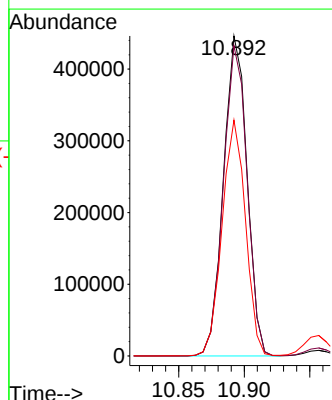
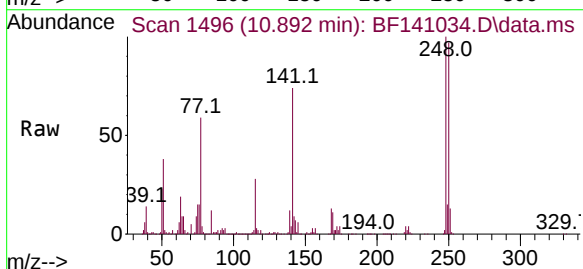
Tgt Ion:248 Resp: 558191

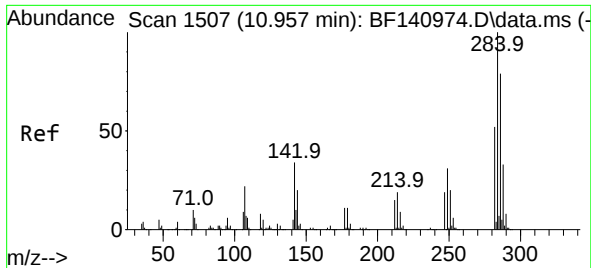
Ion Ratio Lower Upper

248 100

250 96.9 77.7 116.5

141 73.7 62.1 93.1

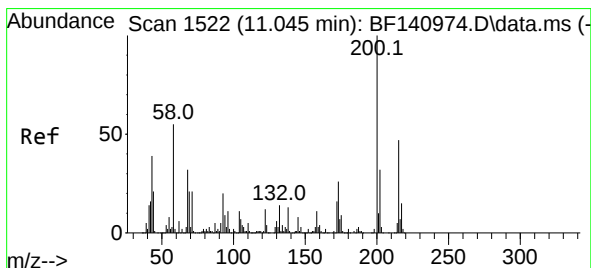
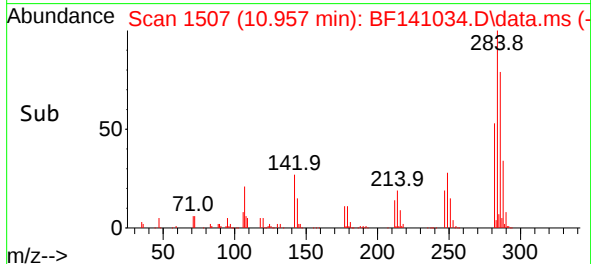
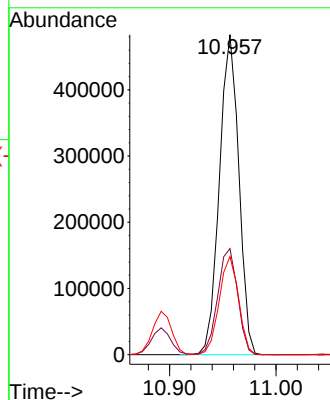
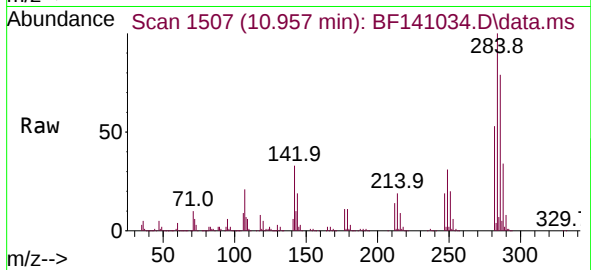




#68
Hexachlorobenzene
Concen: 55.883 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

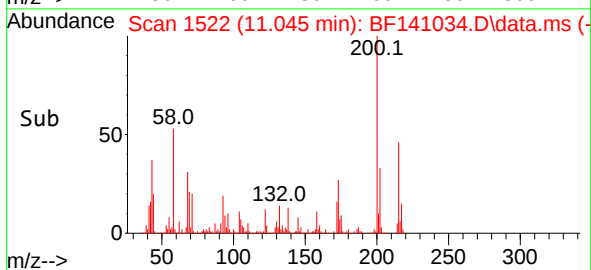
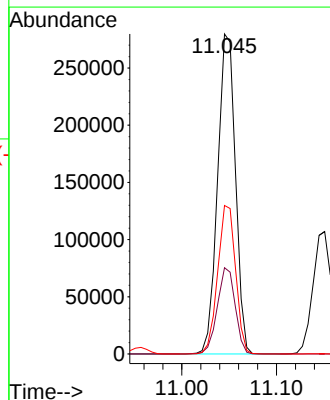
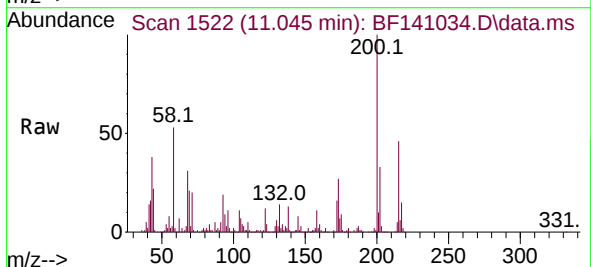
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

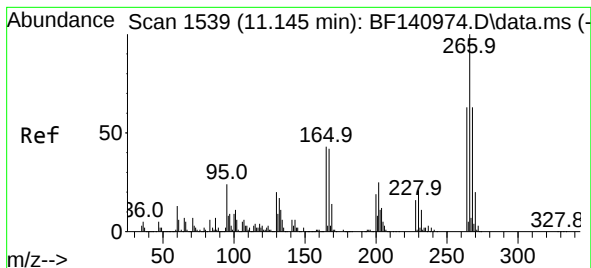
Tgt Ion:284 Resp: 609841
Ion Ratio Lower Upper
284 100
142 33.1 27.1 40.7
249 30.7 25.1 37.7



#69
Atrazine
Concen: 45.534 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:200 Resp: 366734
Ion Ratio Lower Upper
200 100
173 26.9 6.4 46.4
215 46.4 27.2 67.2





#70

Pentachlorophenol

Concen: 115.972 ng

RT: 11.151 min Scan# 1539

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

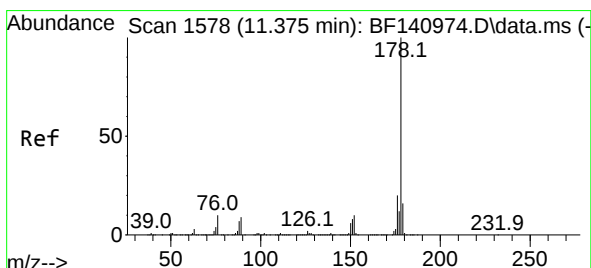
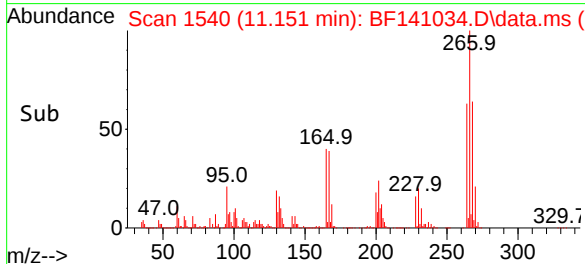
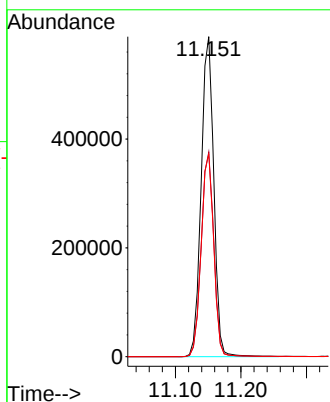
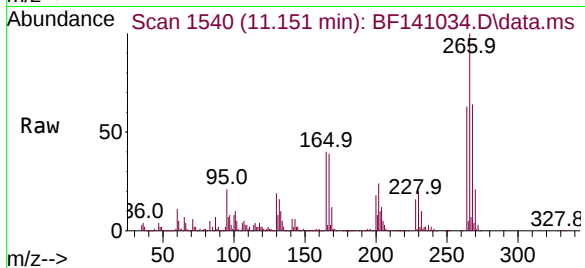
Tgt Ion:266 Resp: 787962

Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.4 50.2 75.4



#71

Phenanthrene

Concen: 54.668 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

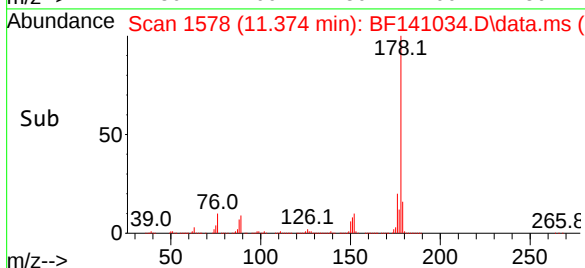
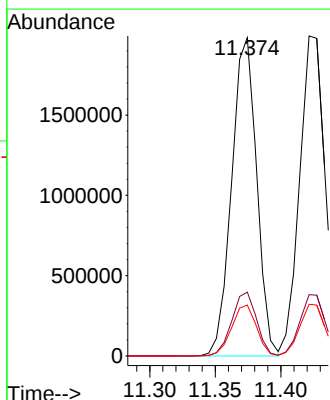
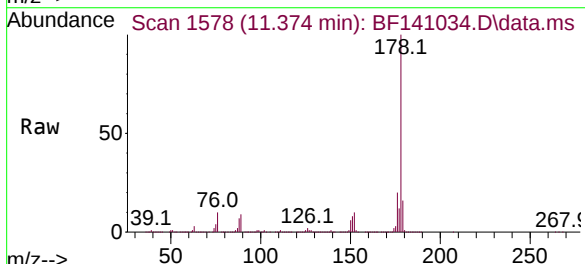
Tgt Ion:178 Resp: 2634158

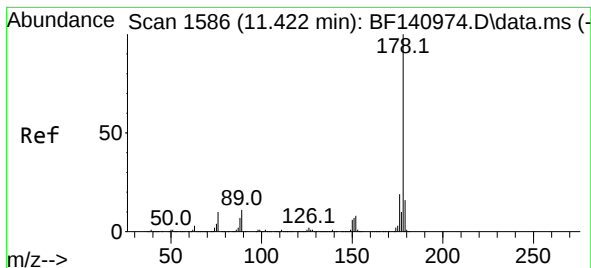
Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

179 16.0 12.6 19.0





#72

Anthracene

Concen: 56.304 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

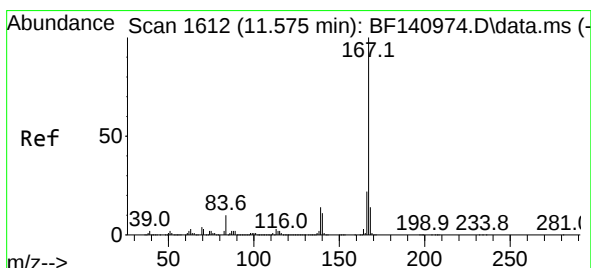
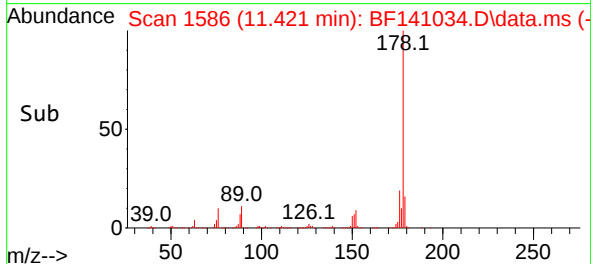
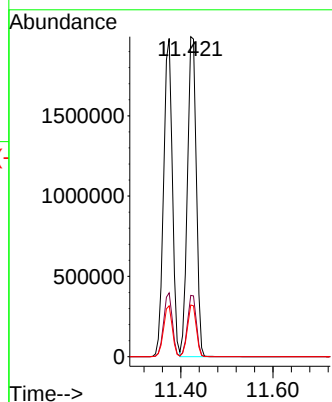
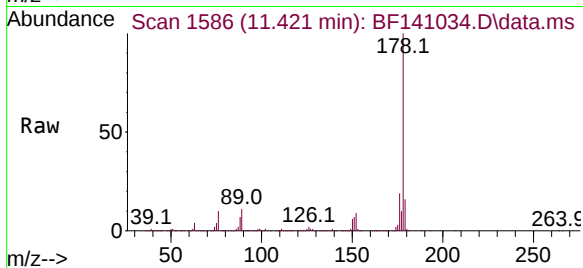
Tgt Ion:178 Resp: 2658388

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 16.1 12.9 19.3



#73

Carbazole

Concen: 51.009 ng

RT: 11.574 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

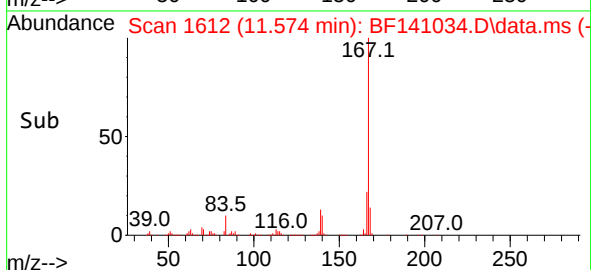
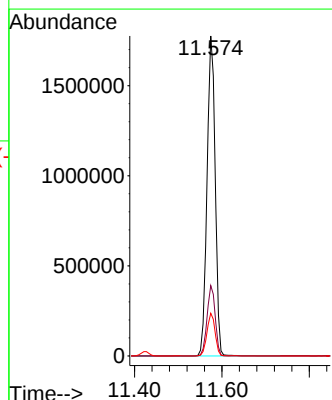
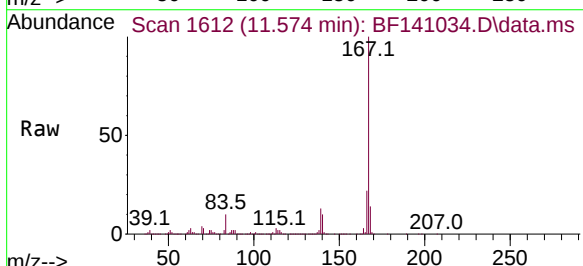
Tgt Ion:167 Resp: 2315230

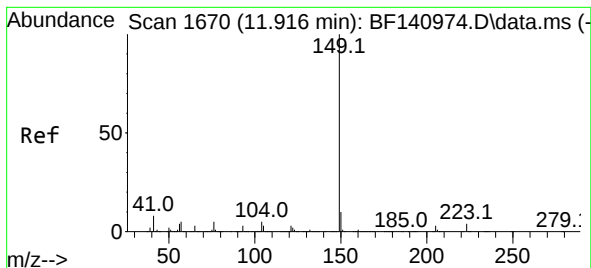
Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 13.4 11.0 16.4





#74

Di-n-butylphthalate

Concen: 54.878 ng

RT: 11.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

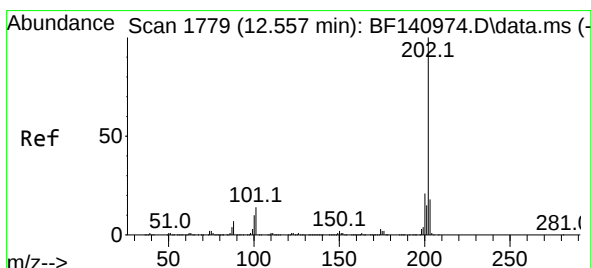
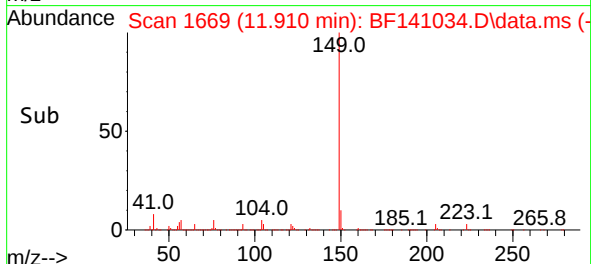
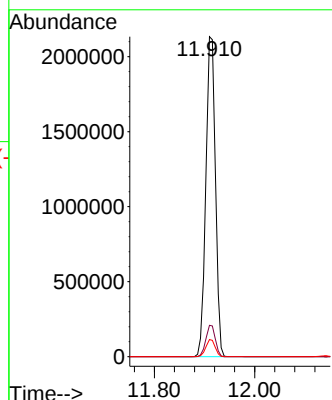
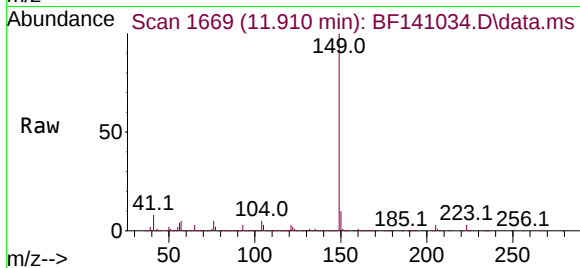
Tgt Ion:149 Resp: 2833087

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.3 4.1 6.1



#75

Fluoranthene

Concen: 51.039 ng

RT: 12.557 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

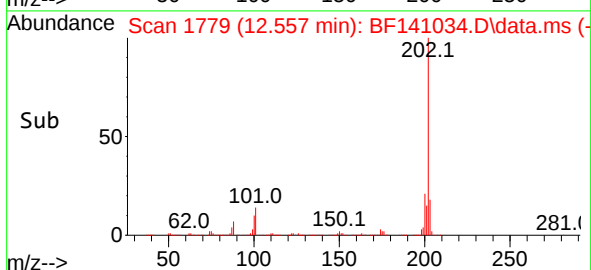
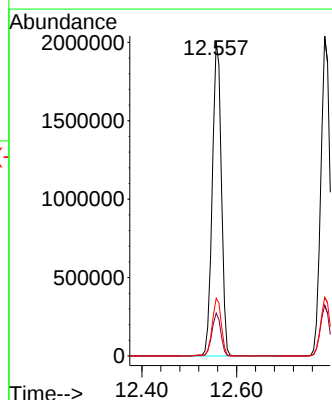
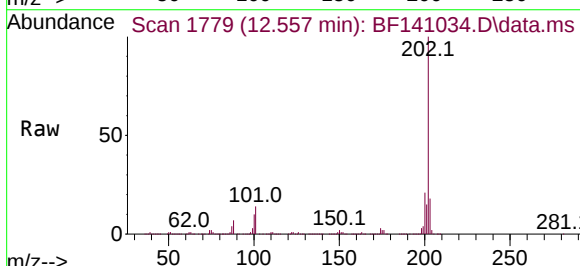
Tgt Ion:202 Resp: 2667228

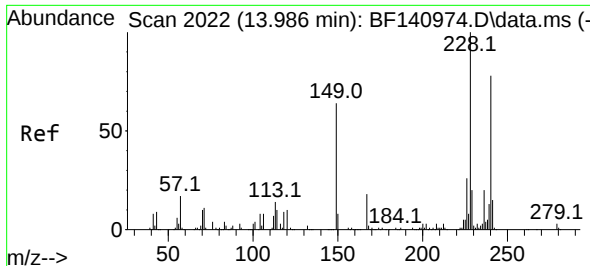
Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.7

203 18.4 0.0 38.1

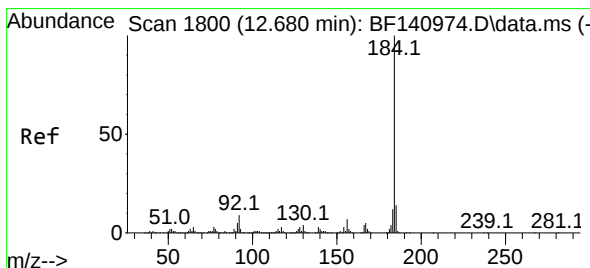
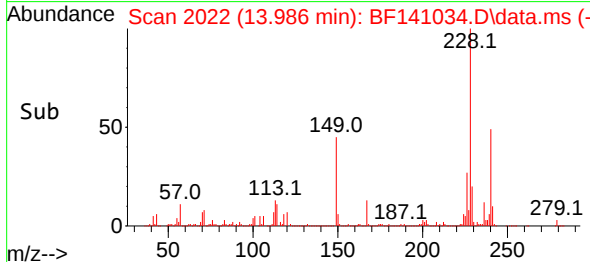
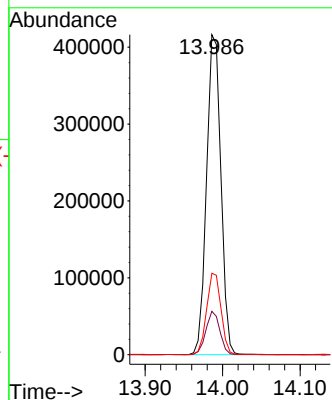
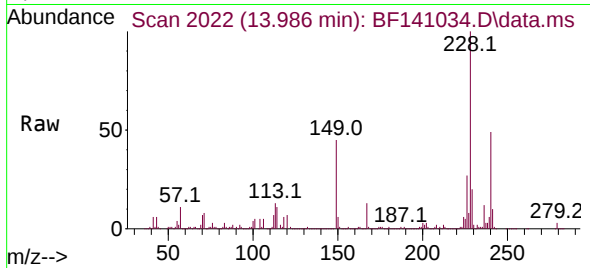




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

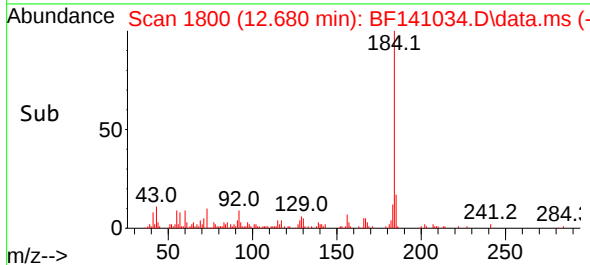
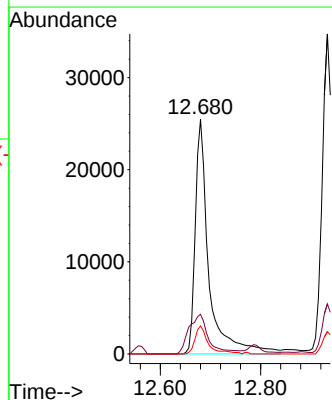
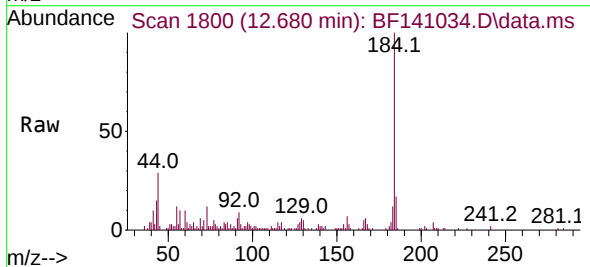
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

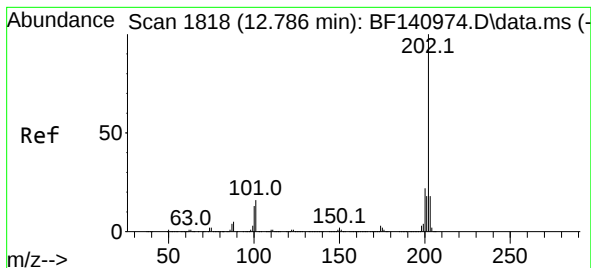
Tgt Ion:240 Resp: 535605
Ion Ratio Lower Upper
240 100
120 13.6 10.7 16.1
236 25.4 20.6 31.0



#77
Benzidine
Concen: 4.237 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:184 Resp: 47957
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.2
183 12.0 9.4 14.0





#78

Pyrene

Concen: 57.810 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

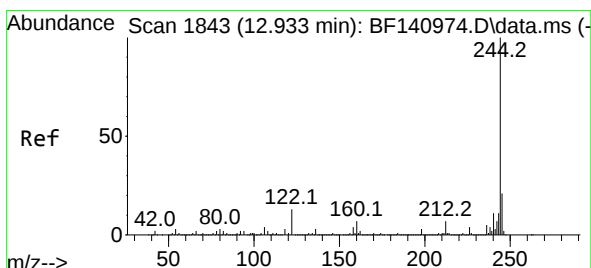
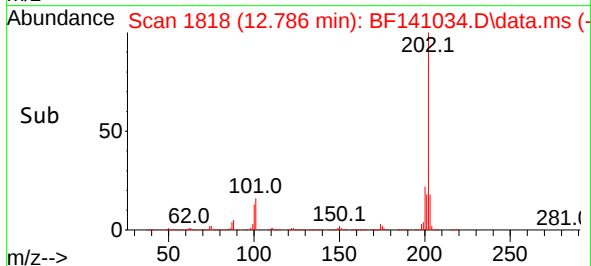
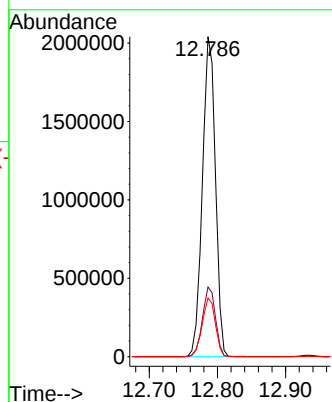
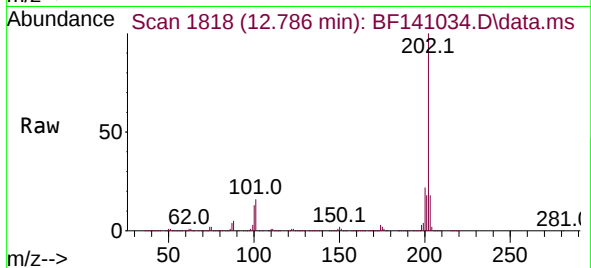
Tgt Ion:202 Resp: 2707978

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 18.4 14.6 21.8



#79

Terphenyl-d14

Concen: 112.723 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

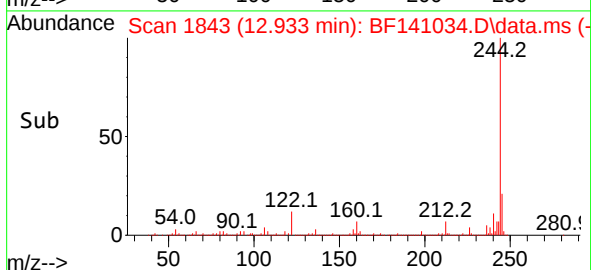
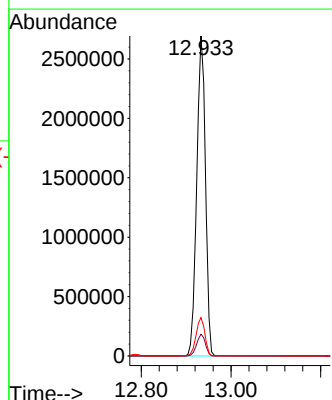
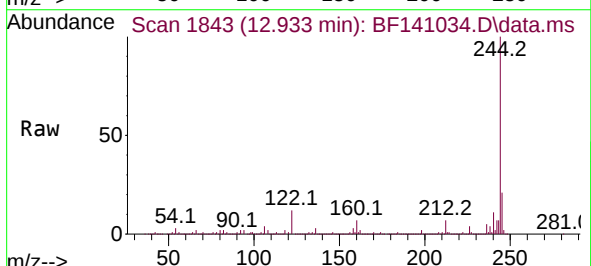
Tgt Ion:244 Resp: 3634857

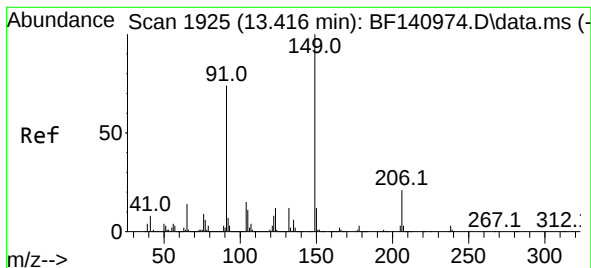
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 12.0 10.2 15.2





#80

Butylbenzylphthalate

Concen: 63.783 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

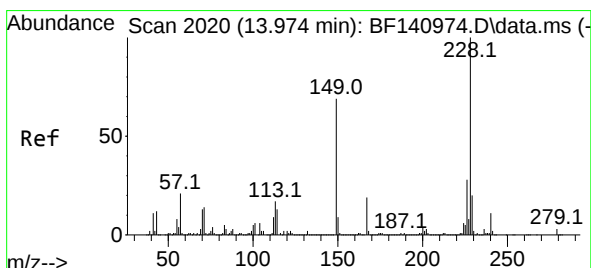
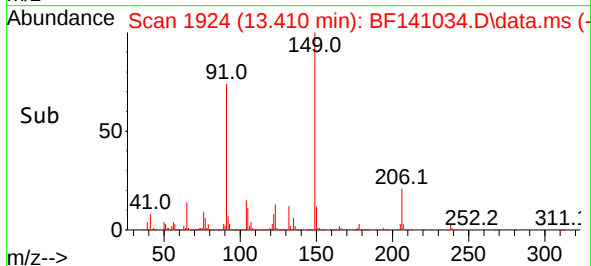
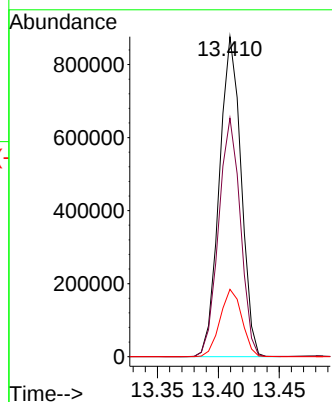
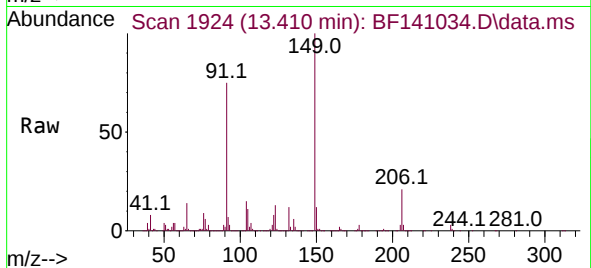
Tgt Ion:149 Resp: 1090992

Ion Ratio Lower Upper

149 100

91 74.5 59.5 89.3

206 21.1 17.1 25.7



#81

Benzo(a)anthracene

Concen: 51.865 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

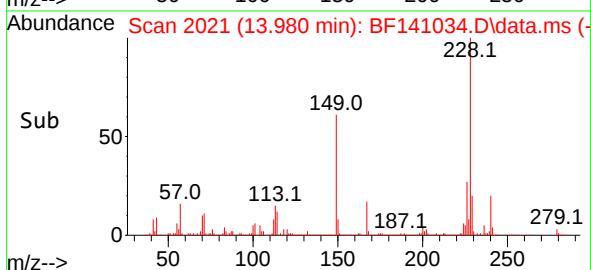
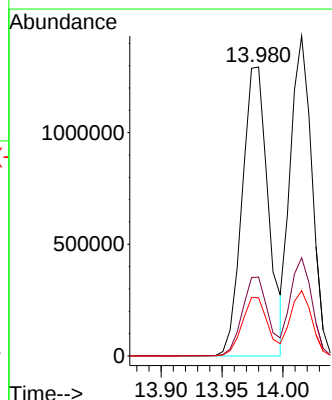
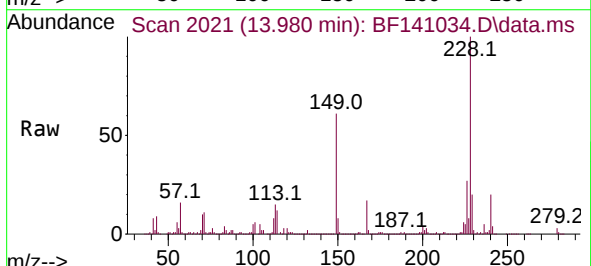
Tgt Ion:228 Resp: 1936059

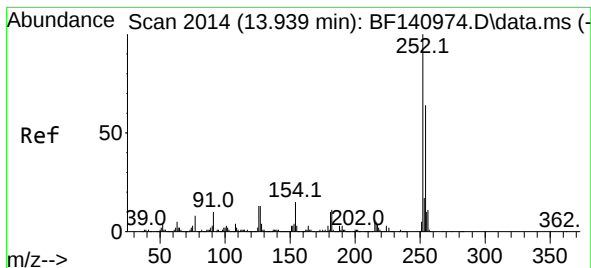
Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.1 16.2 24.2

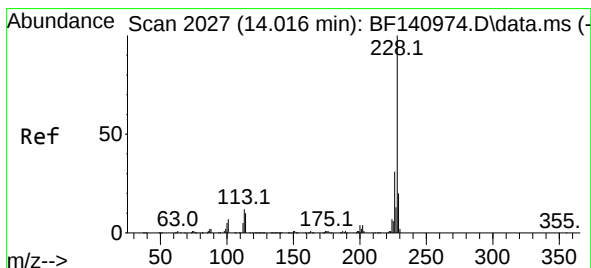
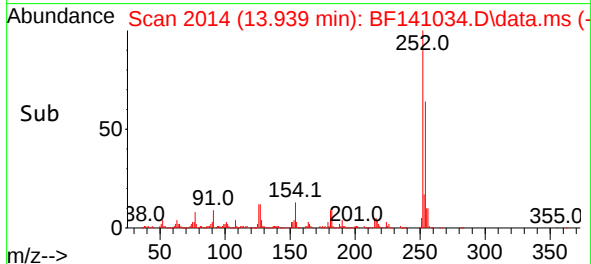
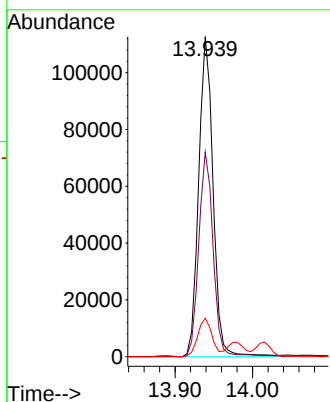
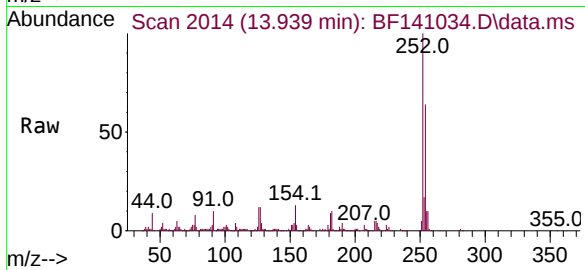




#82
3,3'-Dichlorobenzidine
Concen: 12.974 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

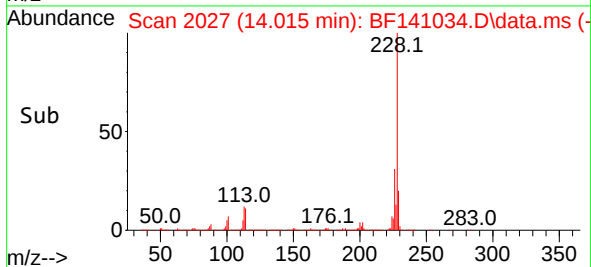
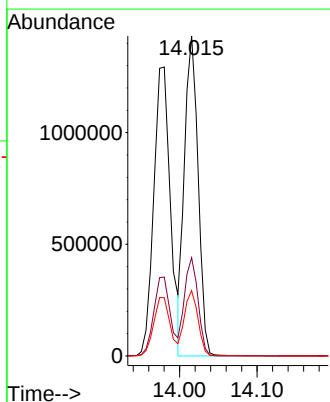
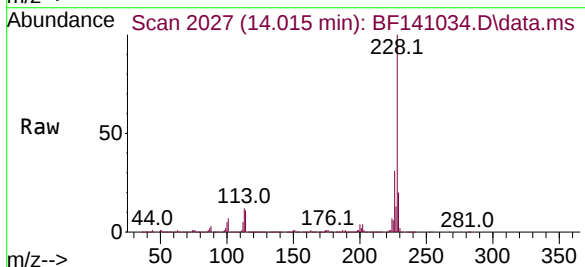
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

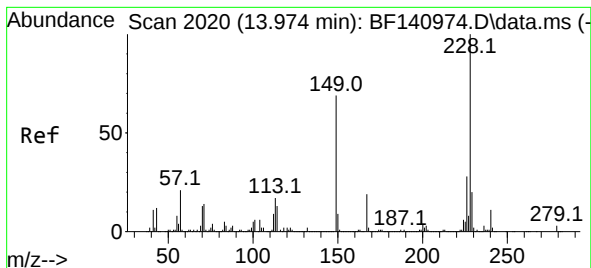
Tgt Ion:252 Resp: 145511
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 12.1 10.3 15.5



#83
Chrysene
Concen: 52.179 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:228 Resp: 1755860
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.4 16.2 24.4

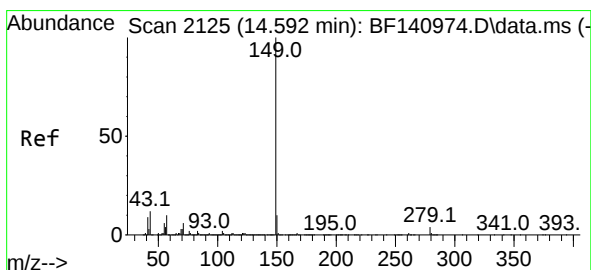
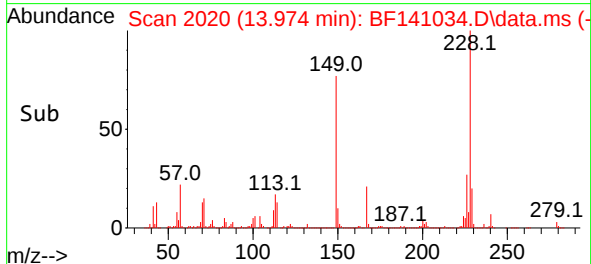
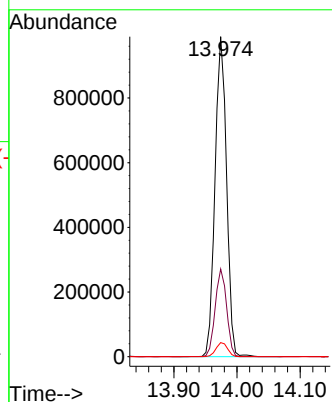
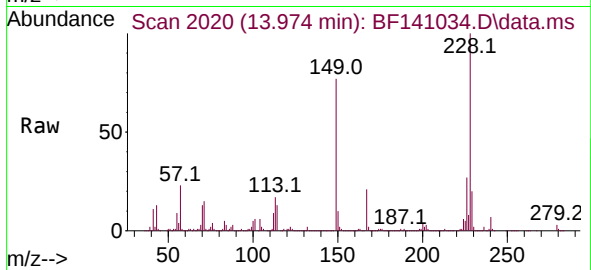




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.398 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

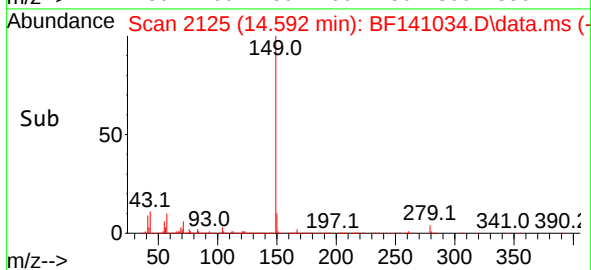
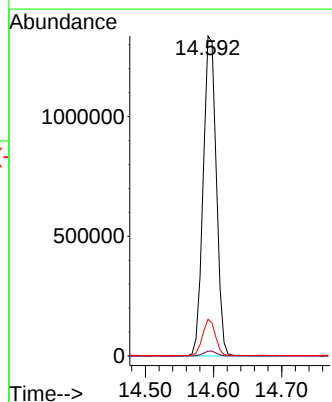
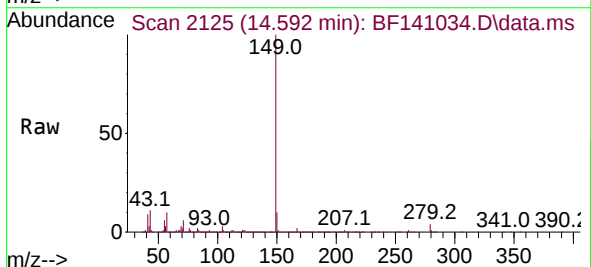
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

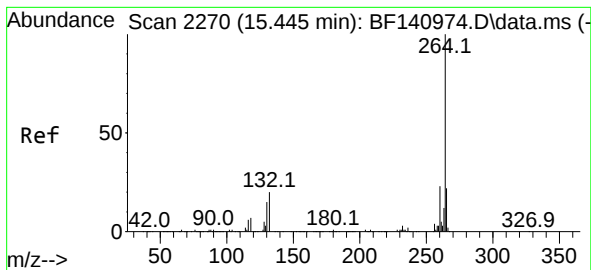
Tgt Ion:149 Resp: 1251314
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 4.4 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 55.680 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF141034.D
Acq: 30 Dec 2024 16:47

Tgt Ion:149 Resp: 1788037
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

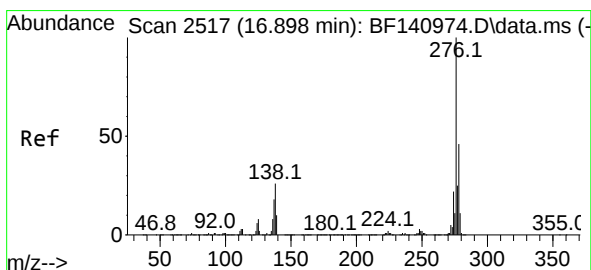
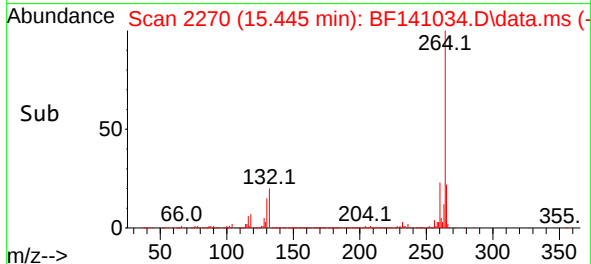
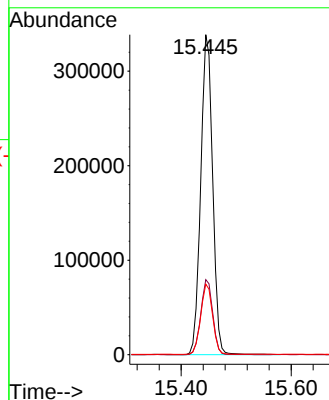
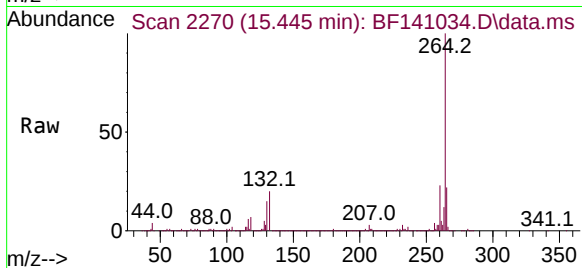
Tgt Ion:264 Resp: 510431

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.0 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 67.492 ng

RT: 16.903 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

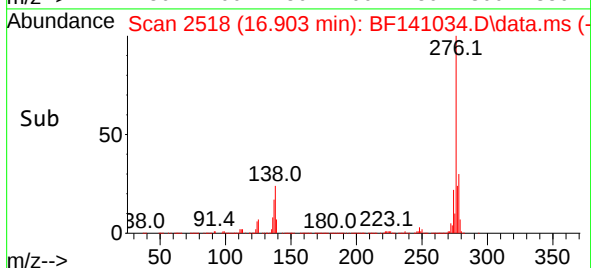
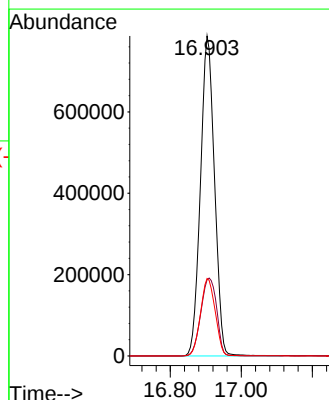
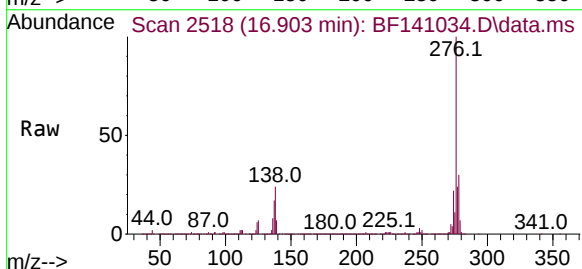
Tgt Ion:276 Resp: 2170410

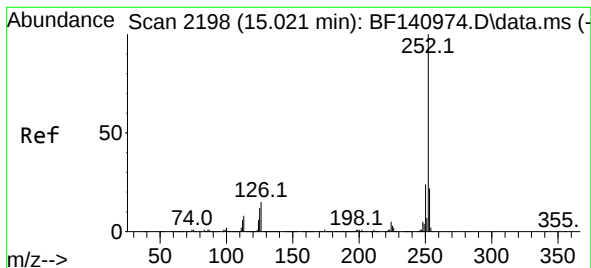
Ion Ratio Lower Upper

276 100

138 27.4 23.1 34.7

277 25.3 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 46.913 ng

RT: 15.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

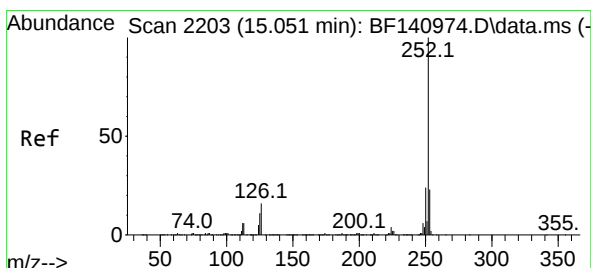
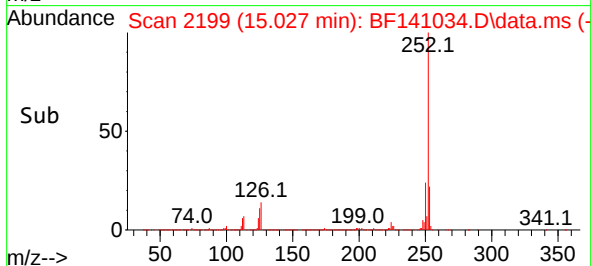
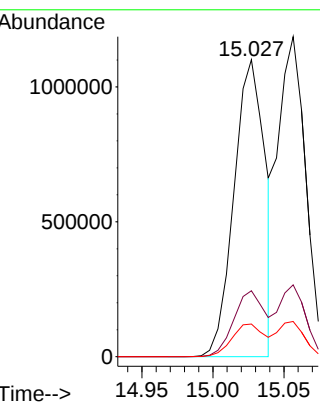
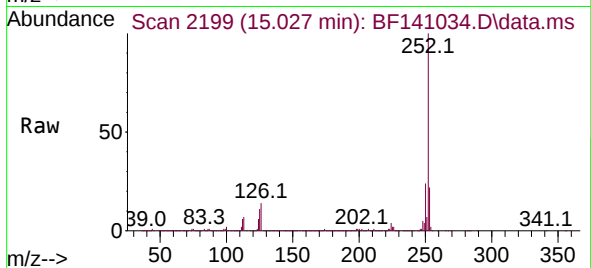
Tgt Ion:252 Resp: 1670093

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.0 9.3 13.9



#89

Benzo(k)fluoranthene

Concen: 57.207 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

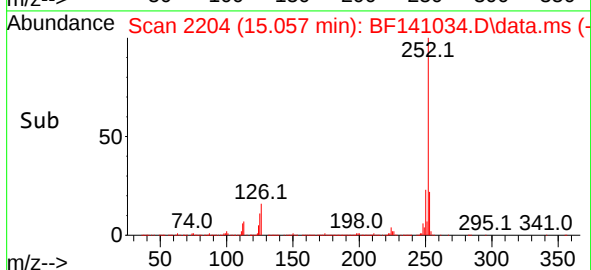
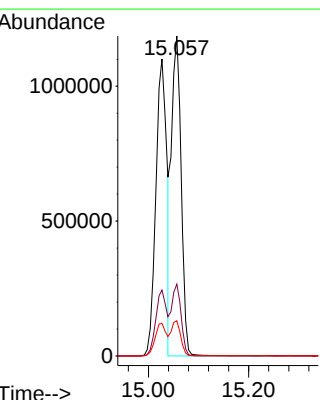
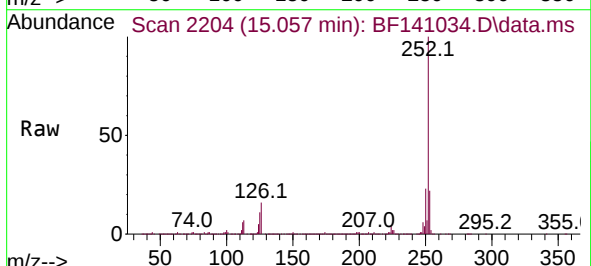
Tgt Ion:252 Resp: 1596160

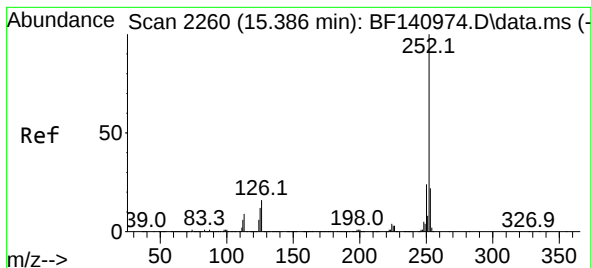
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.0 9.4 14.0





#90

Benzo(a)pyrene

Concen: 57.207 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

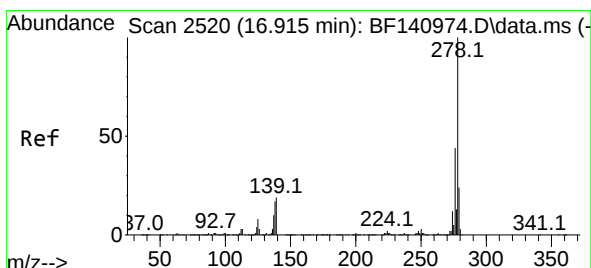
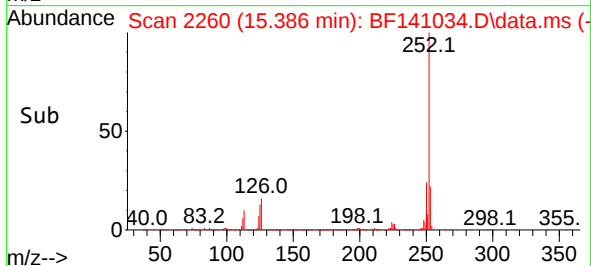
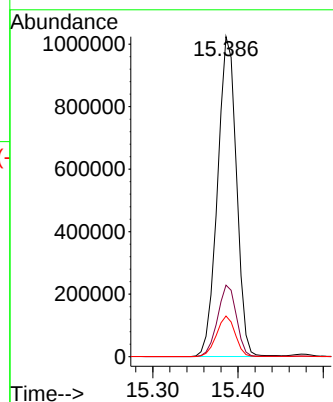
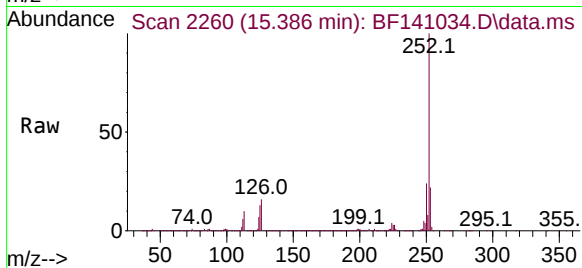
Tgt Ion:252 Resp: 1580713

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 12.7 9.8 14.8



#91

Dibenzo(a,h)anthracene

Concen: 67.059 ng

RT: 16.927 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF141034.D

Acq: 30 Dec 2024 16:47

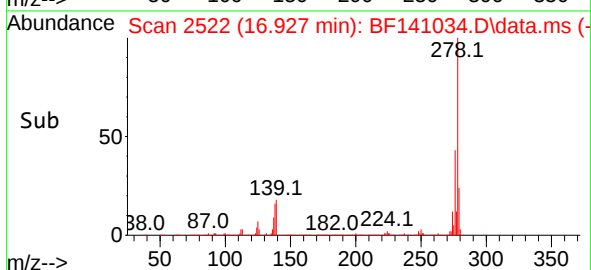
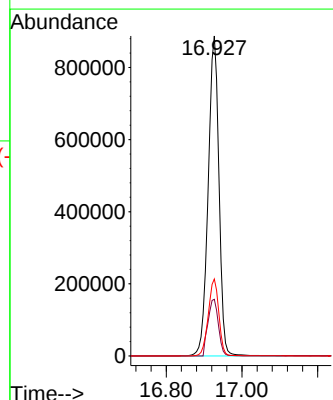
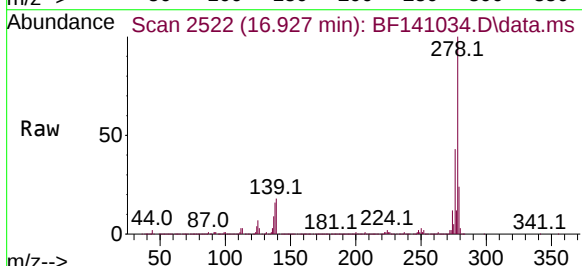
Tgt Ion:278 Resp: 1748071

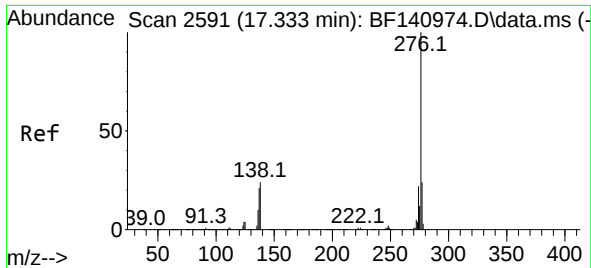
Ion Ratio Lower Upper

278 100

139 17.7 14.9 22.3

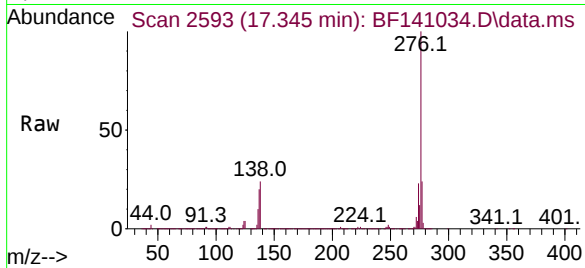
279 24.0 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 60.383 ng
 RT: 17.345 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141034.D
 Acq: 30 Dec 2024 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MS



Tgt Ion:276 Resp: 1632591
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.0 28.4
 138 23.9 19.4 29.2

