

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131688.D
 Acq On : 19 Dec 2022 14:46
 Operator : CG\JU
 Sample : N6067-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MS

Quant Time: Dec 20 01:03:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71933	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	262913	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	143190	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	228142	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	121583	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	166218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	636977	147.729	ng	0.03
7) Phenol-d6	6.516	99	778711	137.818	ng	0.01
23) Nitrobenzene-d5	7.445	82	602755	86.676	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	223652	140.583	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1029547	90.658	ng	0.00
79) Terphenyl-d14	13.016	244	803838	90.669	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	89909	46.196	ng	# 81
3) Pyridine	3.522	79	205062	37.950	ng	96
4) n-Nitrosodimethylamine	3.463	42	128624	43.162	ng	# 85
6) Aniline	6.540	93	160086	23.690	ng	96
8) 2-Chlorophenol	6.663	128	231735	50.715	ng	96
9) Benzaldehyde	6.428	77	88578	22.884	ng	97
10) Phenol	6.528	94	293896	46.631	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	255038	53.983	ng	97
12) 1,3-Dichlorobenzene	6.816	146	249471	47.090	ng	97
13) 1,4-Dichlorobenzene	6.892	146	250105	46.804	ng	99
14) 1,2-Dichlorobenzene	7.045	146	239875	46.992	ng	97
15) Benzyl Alcohol	7.022	79	259877	50.169	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	318186	52.138	ng	99
17) 2-Methylphenol	7.134	107	207176	50.309	ng	97
18) Hexachloroethane	7.387	117	100711	46.721	ng	90
19) n-Nitroso-di-n-propyla...	7.298	70	204531	48.275	ng	92
20) 3+4-Methylphenols	7.287	107	262734	46.841	ng	# 80
22) Acetophenone	7.292	105	386438	46.903	ng	98
24) Nitrobenzene	7.469	77	317102	45.211	ng	# 91
25) Isophorone	7.704	82	557717	49.790	ng	99
26) 2-Nitrophenol	7.781	139	125357	52.410	ng	95
27) 2,4-Dimethylphenol	7.822	122	206476	56.321	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	310851	53.645	ng	100
29) 2,4-Dichlorophenol	8.028	162	213782	47.161	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	251870	45.308	ng	99
31) Naphthalene	8.186	128	695141	46.943	ng	99
32) Benzoic acid	7.939	122	123154	46.385	ng	93
33) 4-Chloroaniline	8.239	127	63624	11.463	ng	98
34) Hexachlorobutadiene	8.298	225	164432	41.970	ng	98
35) Caprolactam	8.616	113	28698	24.474	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	231516	45.483	ng	96
37) 2-Methylnaphthalene	8.881	142	460365	45.459	ng	98
38) 1-Methylnaphthalene	8.981	142	428881	44.116	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	266352	50.249	ng	98
41) Hexachlorocyclopentadiene	9.033	237	315447	117.248	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	164067	50.042	ng	98

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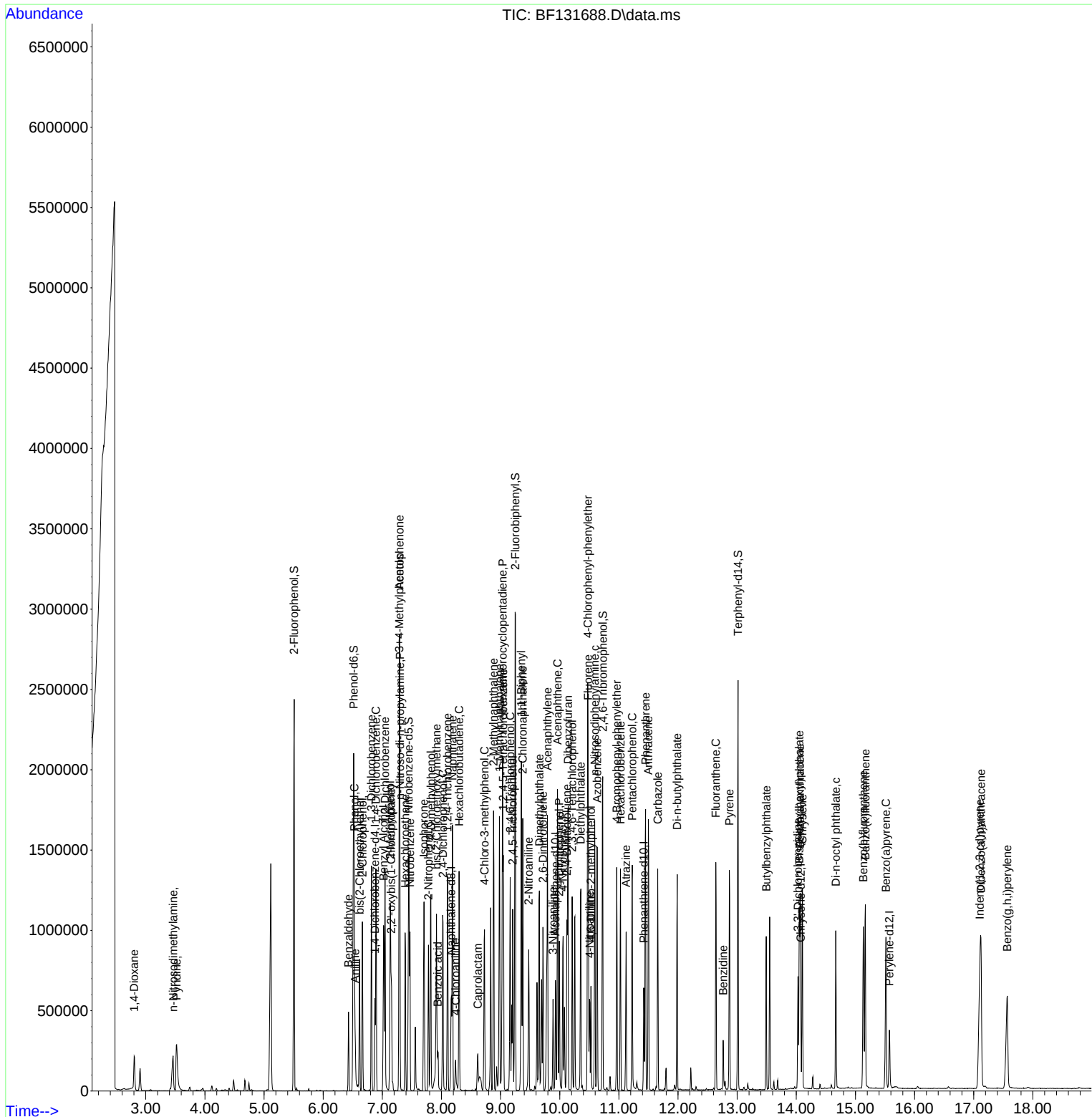
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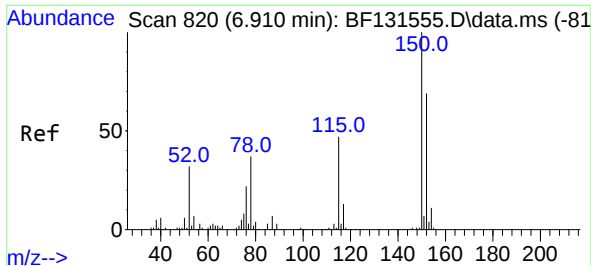
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	170030	48.223	ng	# 95
46) 1,1'-Biphenyl	9.351	154	575234	50.810	ng	98
47) 2-Chloronaphthalene	9.375	162	454899	49.317	ng	99
48) 2-Nitroaniline	9.475	65	151066	46.233	ng	92
49) Acenaphthylene	9.792	152	671545	49.584	ng	99
50) Dimethylphthalate	9.657	163	515847	47.258	ng	100
51) 2,6-Dinitrotoluene	9.716	165	112083	49.738	ng	89
52) Acenaphthene	9.963	154	399670	44.050	ng	97
53) 3-Nitroaniline	9.886	138	65177	30.145	ng	97
54) 2,4-Dinitrophenol	9.992	184	103994	80.584	ng	94
55) Dibenzofuran	10.139	168	609689	47.559	ng	97
56) 4-Nitrophenol	10.057	139	126835	84.444	ng	# 73
57) 2,4-Dinitrotoluene	10.122	165	143300	47.937	ng	98
58) Fluorene	10.480	166	474364	45.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	131336	43.987	ng	97
60) Diethylphthalate	10.357	149	463138	44.214	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	260328	45.201	ng	95
62) 4-Nitroaniline	10.510	138	88445	41.280	ng	# 81
63) Azobenzene	10.633	77	521324	43.635	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	68679	47.529	ng	96
66) n-Nitrosodiphenylamine	10.592	169	382136	51.811	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	148104	50.463	ng	96
68) Hexachlorobenzene	11.027	284	161500	50.873	ng	95
69) Atrazine	11.122	200	108167	46.182	ng	95
70) Pentachlorophenol	11.227	266	162350	99.340	ng	99
71) Phenanthrene	11.451	178	620379	48.786	ng	99
72) Anthracene	11.498	178	624937	50.513	ng	100
73) Carbazole	11.657	167	474964	47.033	ng	99
74) Di-n-butylphthalate	11.986	149	584195	47.154	ng	99
75) Fluoranthene	12.639	202	561223	42.859	ng	98
77) Benzidine	12.763	184	106420	32.667	ng	97
78) Pyrene	12.869	202	566190	47.227	ng	100
80) Butylbenzylphthalate	13.492	149	181302	52.256	ng	95
81) Benzo(a)anthracene	14.063	228	445395	50.727	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	132658	53.103	ng	98
83) Chrysene	14.104	228	418400	50.124	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	240961	50.792	ng	100
85) Di-n-octyl phthalate	14.668	149	431460	54.871	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	660126	48.663	ng	98
88) Benzo(b)fluoranthene	15.133	252	533149	48.667	ng	99
89) Benzo(k)fluoranthene	15.168	252	506615	44.306	ng	100
90) Benzo(a)pyrene	15.515	252	485654	51.946	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	554835	49.697	ng	99
92) Benzo(g,h,i)perylene	17.568	276	546355	48.693	ng	99

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

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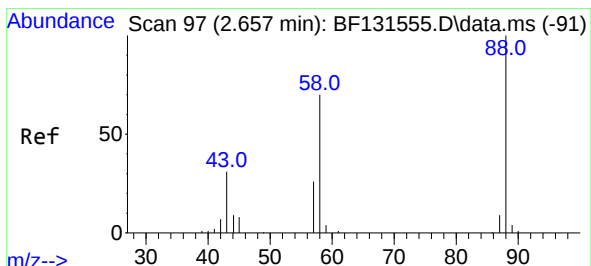
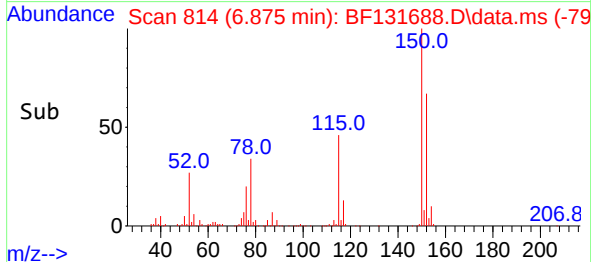
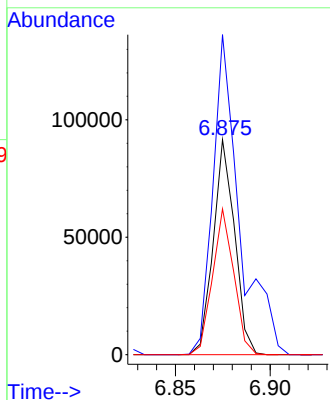
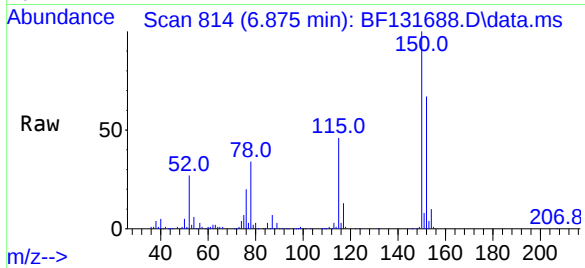




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

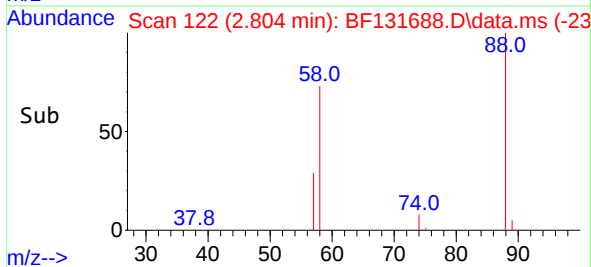
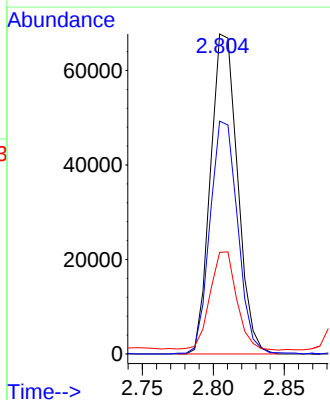
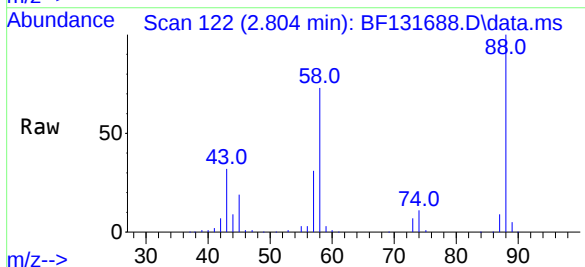
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BNA_F
ClientSampleId :
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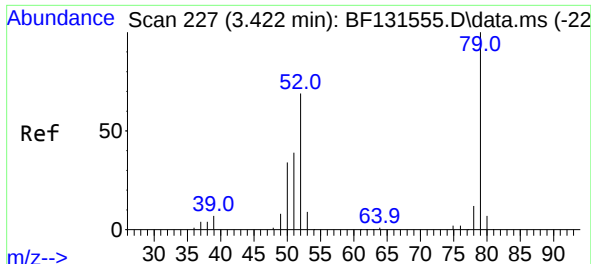
Tgt Ion:152 Resp: 71933
Ion Ratio Lower Upper
152 100
150 148.8 116.7 175.1
115 67.8 54.6 82.0



#2
1,4-Dioxane
Concen: 46.196 ng
RT: 2.804 min Scan# 122
Delta R.T. 0.229 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 88 Resp: 89909
Ion Ratio Lower Upper
88 100
58 74.3 60.0 90.0
43 0.0 26.7 40.1#

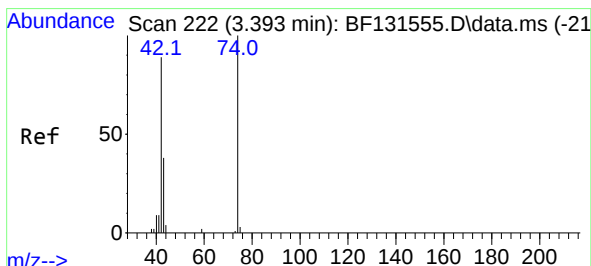
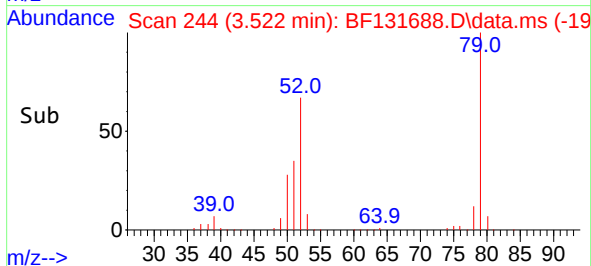
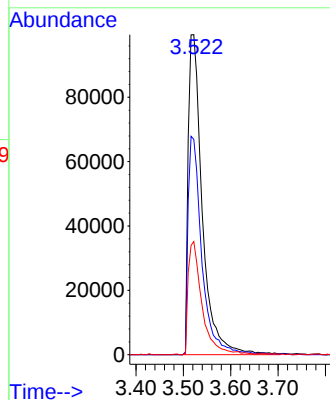
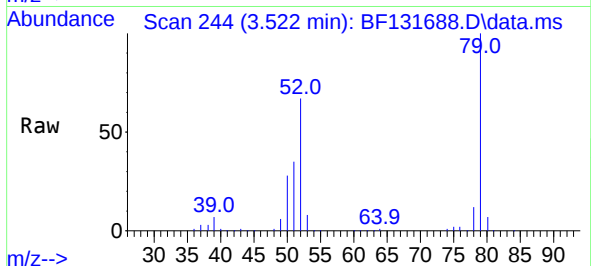




#3
Pyridine
Concen: 37.950 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.188 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

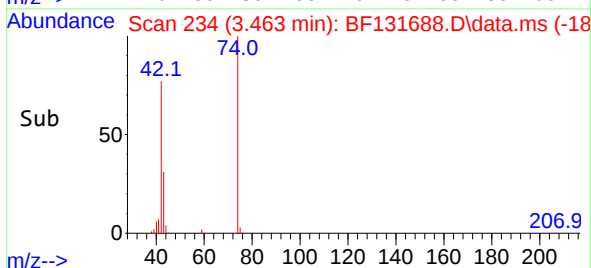
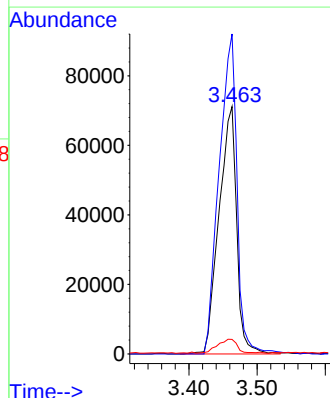
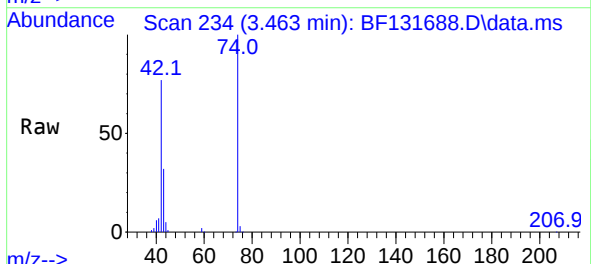
Instrument :
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ClientSampleId :
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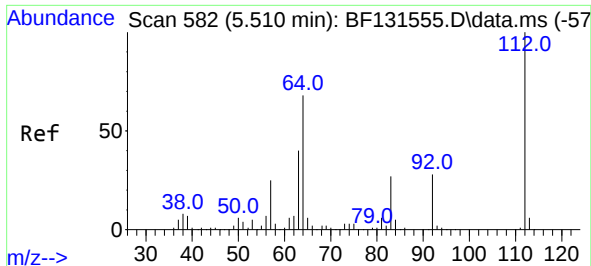
Tgt Ion: 79 Resp: 205062
Ion Ratio Lower Upper
79 100
52 67.3 55.0 82.6
51 35.4 31.4 47.2



#4
n-Nitrosodimethylamine
Concen: 43.162 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.165 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 42 Resp: 128624
Ion Ratio Lower Upper
42 100
74 129.4 90.2 135.2
44 5.9 3.7 5.5#



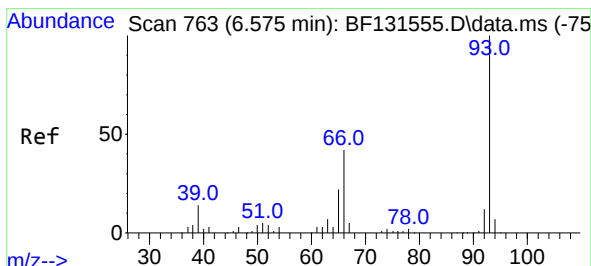
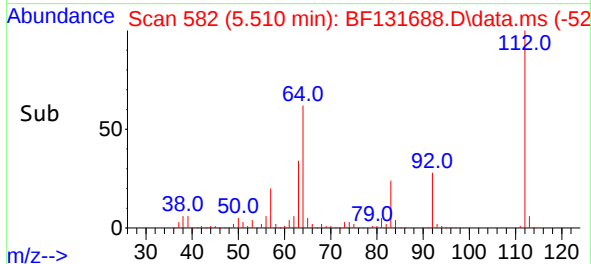
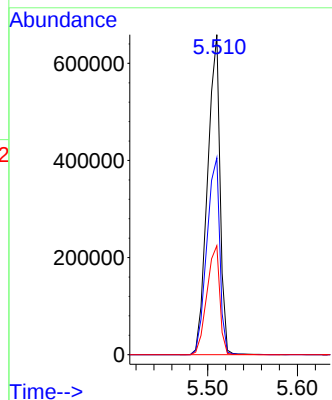
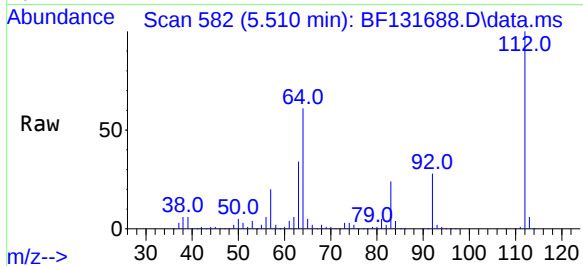


#5
2-Fluorophenol
Concen: 147.729 ng
RT: 5.510 min Scan# 511
Delta R.T. 0.029 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

Tgt Ion:112 Resp: 636977

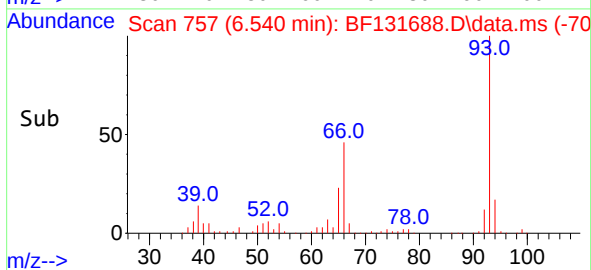
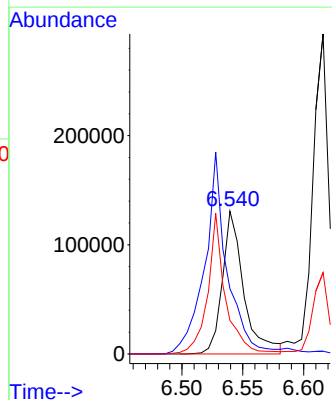
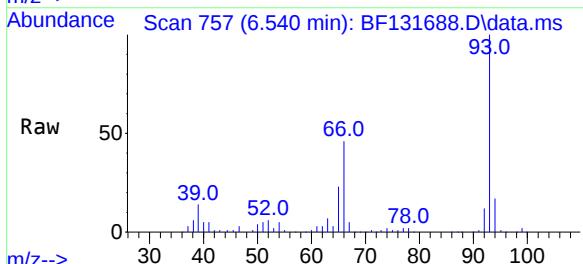
Ion	Ratio	Lower	Upper
112	100		
64	61.5	54.5	81.7
63	34.1	31.9	47.9

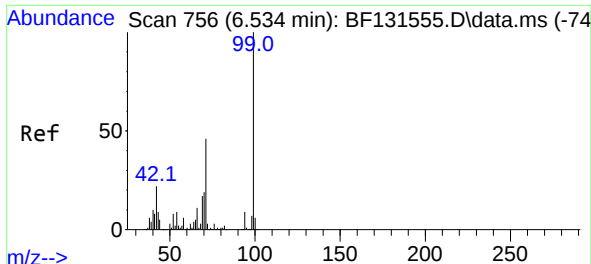


#6
Aniline
Concen: 23.690 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 93 Resp: 160086

Ion	Ratio	Lower	Upper
93	100		
66	45.7	34.6	51.8
65	23.5	17.7	26.5

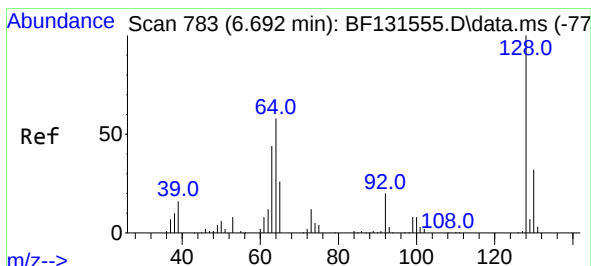
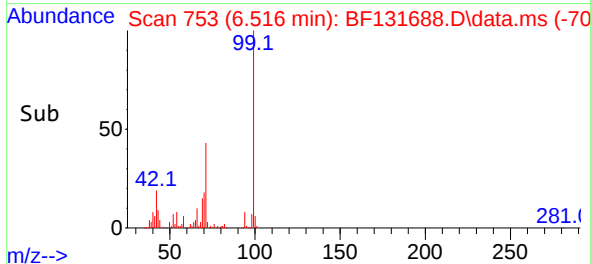
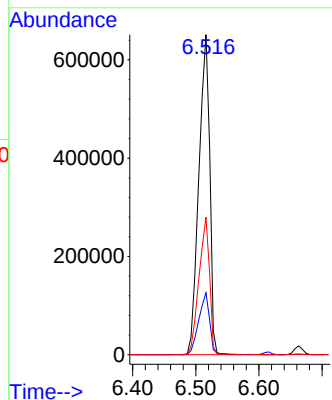
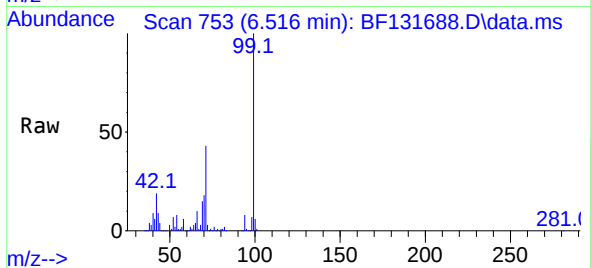




#7
Phenol-d6
Concen: 137.818 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

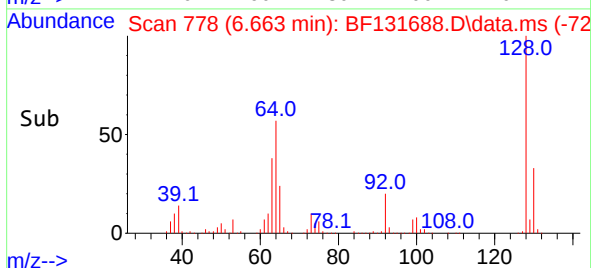
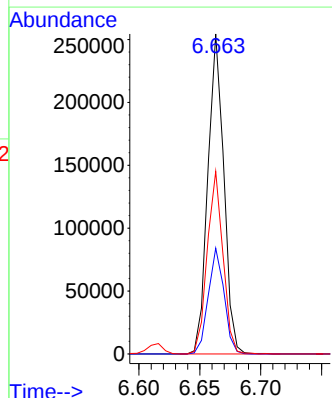
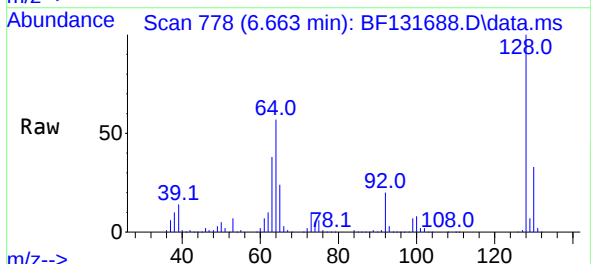
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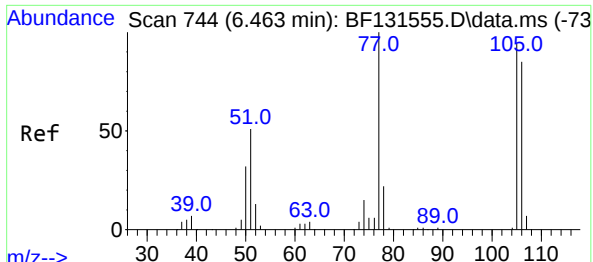
Tgt Ion: 99 Resp: 778711
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 42.9 37.2 55.8



#8
2-Chlorophenol
Concen: 50.715 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:128 Resp: 231735
Ion Ratio Lower Upper
128 100
130 33.1 11.6 51.6
64 57.0 40.6 80.6





#9

Benzaldehyde

Concen: 22.884 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MS

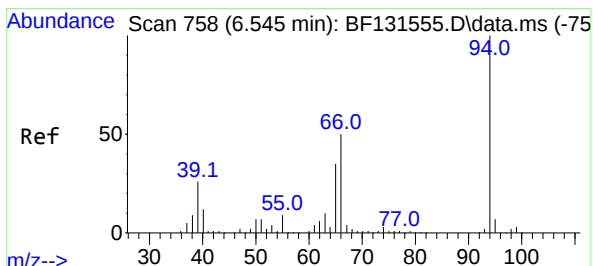
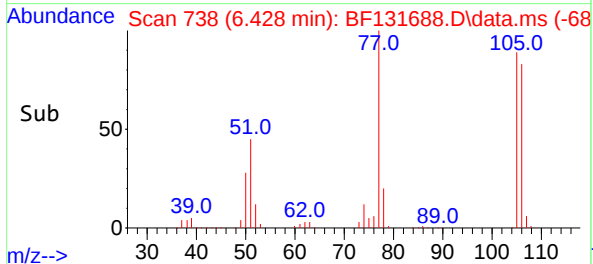
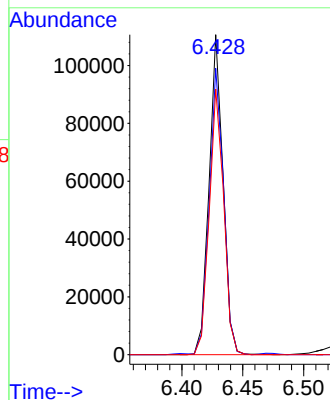
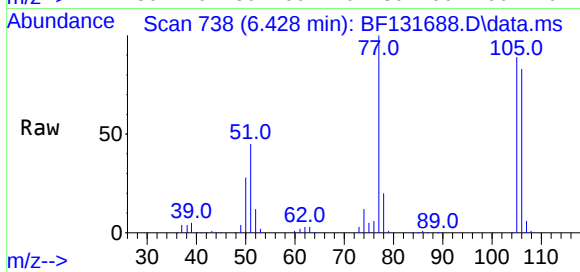
Tgt Ion: 77 Resp: 88578

Ion Ratio Lower Upper

77 100

105 89.5 73.8 113.8

106 83.0 65.2 105.2



#10

Phenol

Concen: 46.631 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

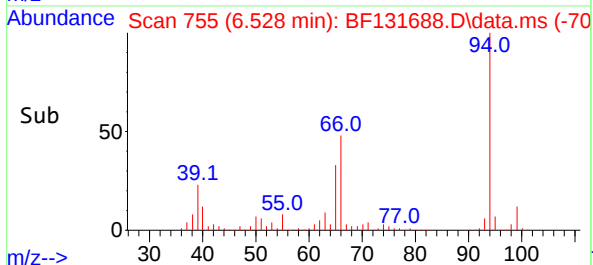
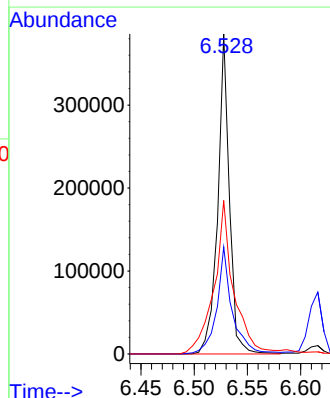
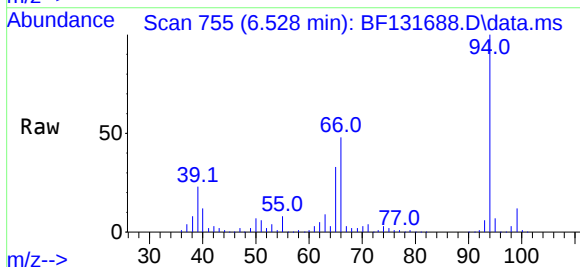
Tgt Ion: 94 Resp: 293896

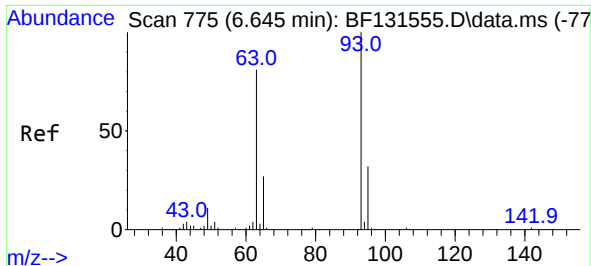
Ion Ratio Lower Upper

94 100

65 33.4 14.8 54.8

66 48.0 30.8 70.8

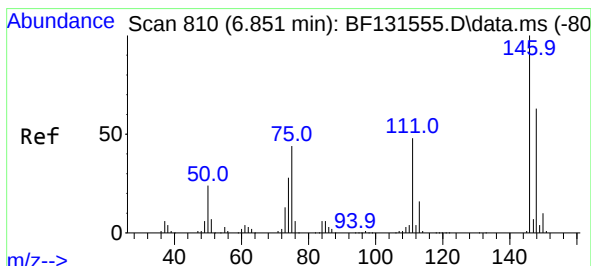
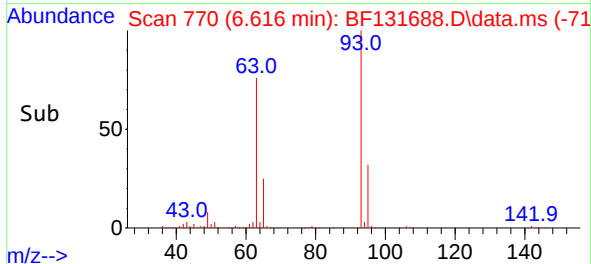
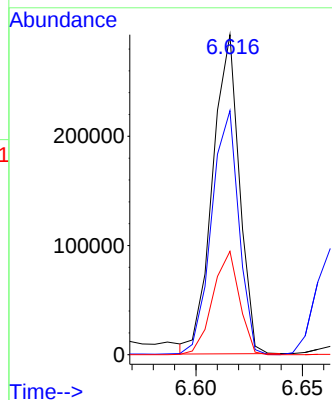
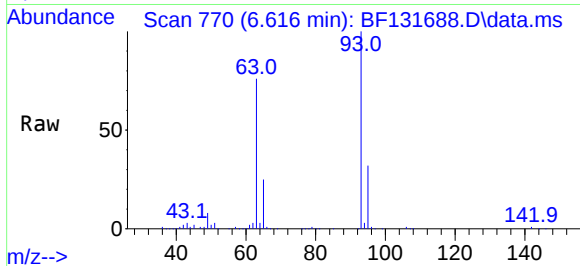




#11
bis(2-Chloroethyl)ether
Concen: 53.983 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

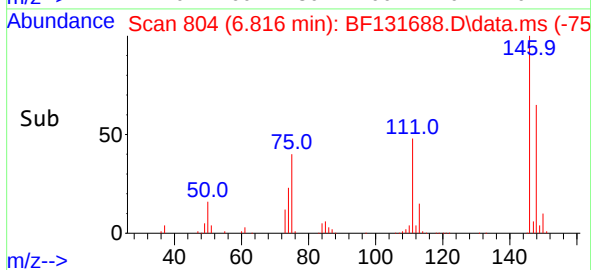
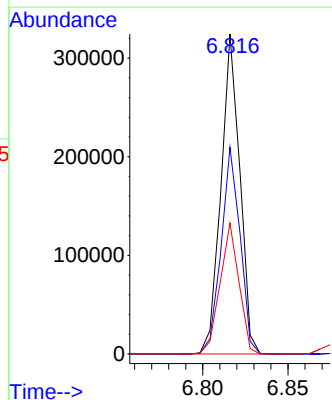
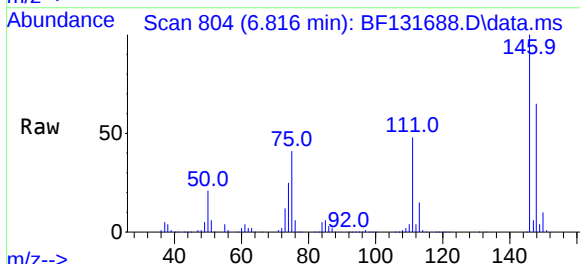
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

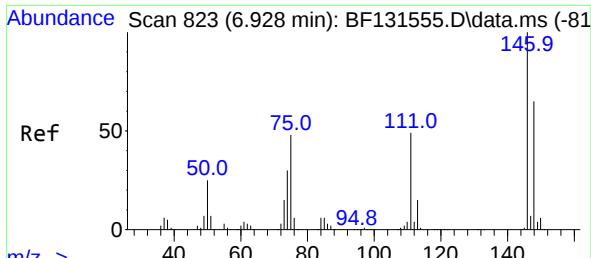
Tgt Ion: 93 Resp: 255038
Ion Ratio Lower Upper
93 100
63 76.2 60.4 100.4
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.090 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 146 Resp: 249471
Ion Ratio Lower Upper
146 100
148 64.6 50.7 76.1
75 40.9 35.1 52.7

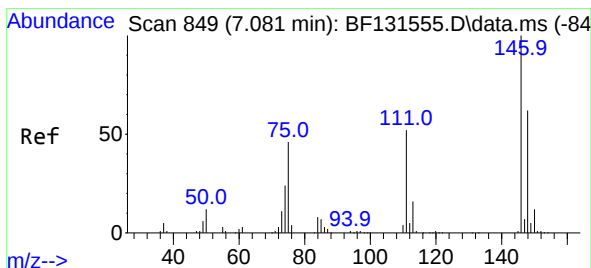
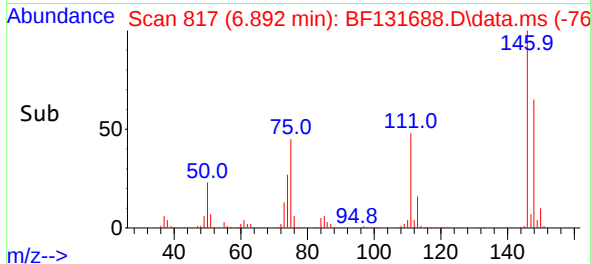
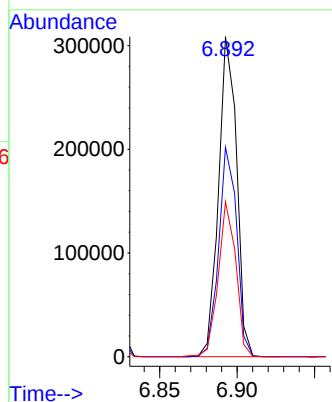
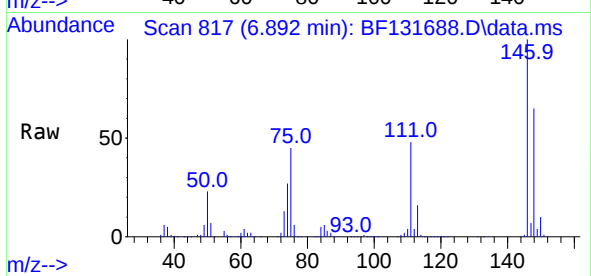




#13
1,4-Dichlorobenzene
Concen: 46.804 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

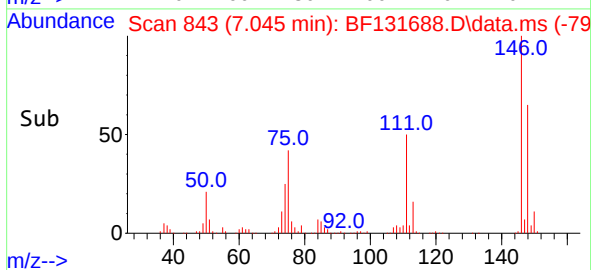
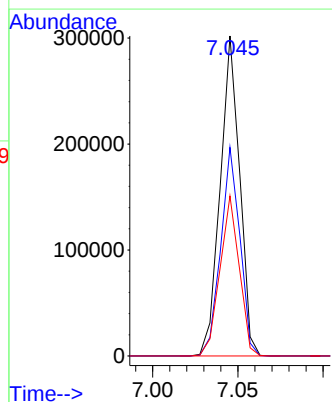
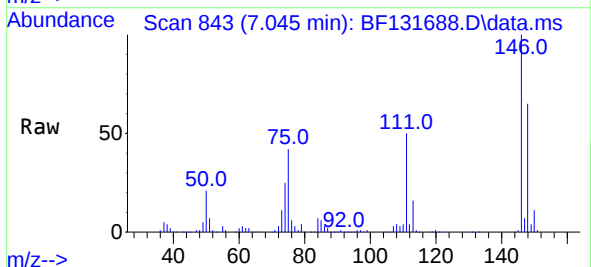
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

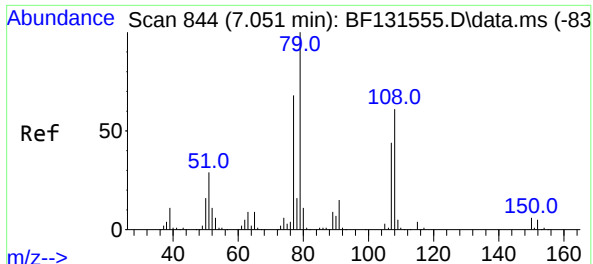
Tgt Ion:146 Resp: 250105
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.6
111 48.4 38.9 58.3



#14
1,2-Dichlorobenzene
Concen: 46.992 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:146 Resp: 239875
Ion Ratio Lower Upper
146 100
148 65.2 49.9 74.9
111 50.0 41.8 62.6

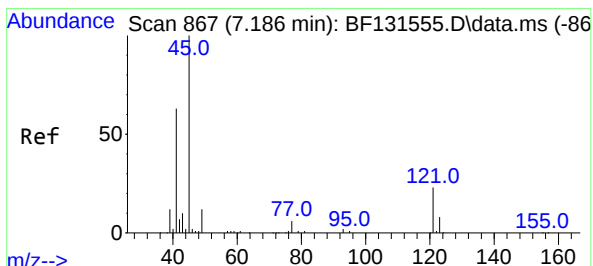
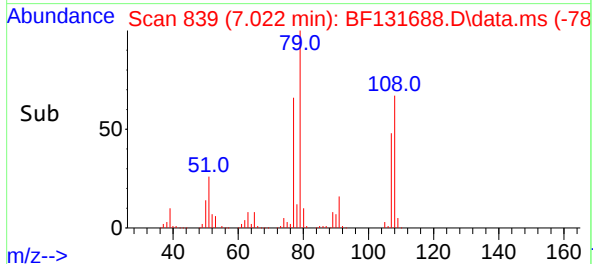
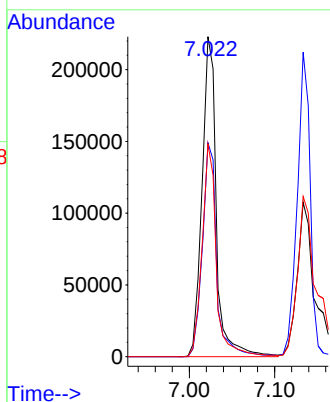
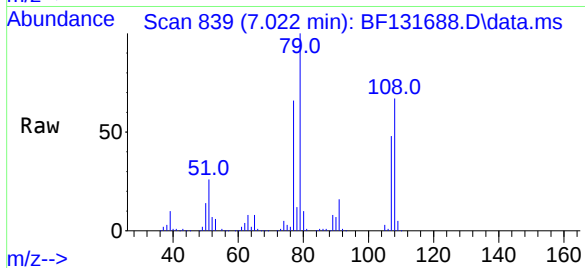




#15
Benzyl Alcohol
Concen: 50.169 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

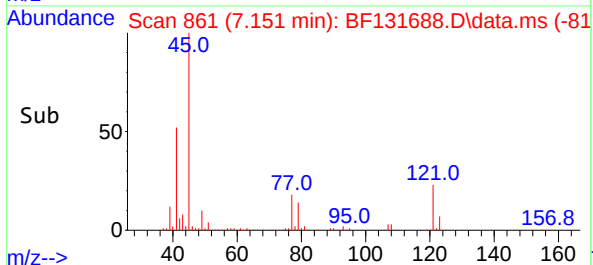
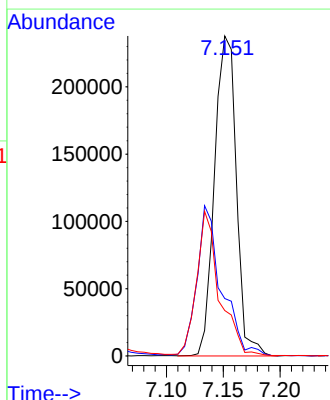
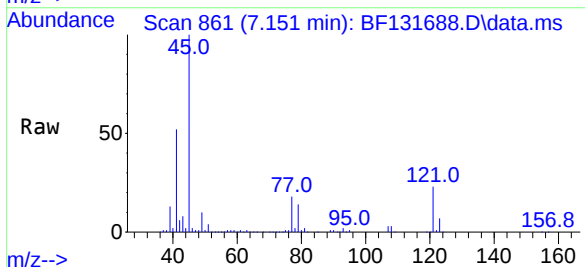
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

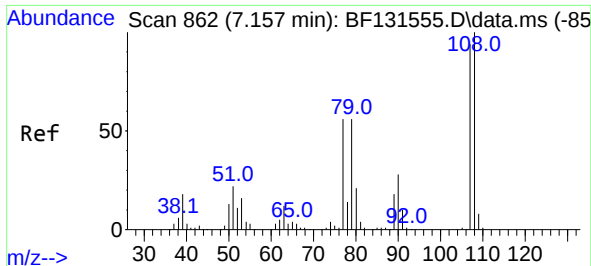
Tgt Ion: 79 Resp: 259877
Ion Ratio Lower Upper
79 100
108 66.8 49.2 73.8
77 66.4 54.5 81.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.138 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 45 Resp: 318186
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 14.2 0.0 33.6

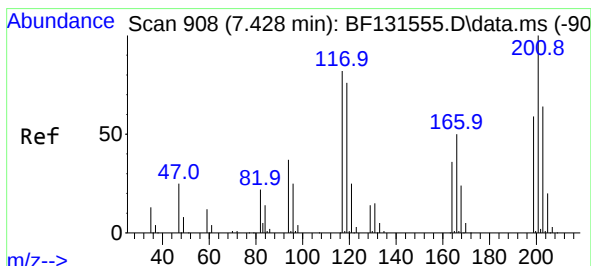
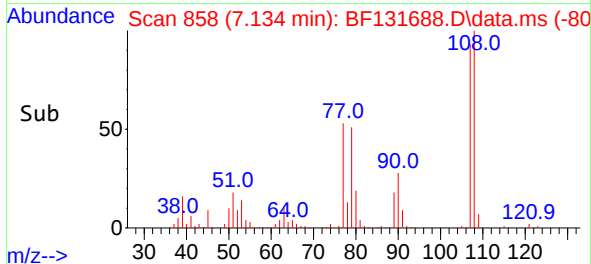
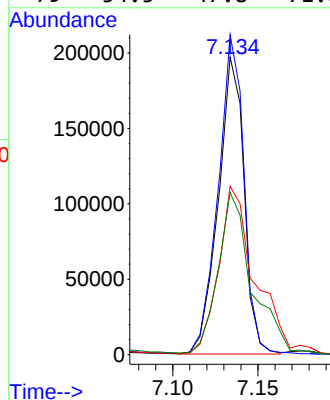
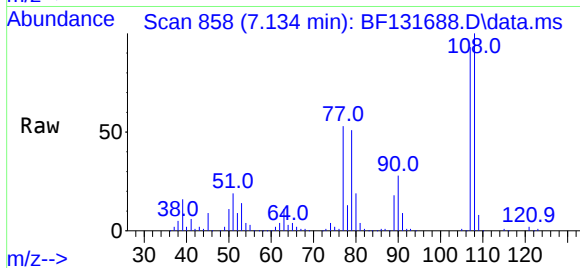




#17
2-Methylphenol
Concen: 50.309 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

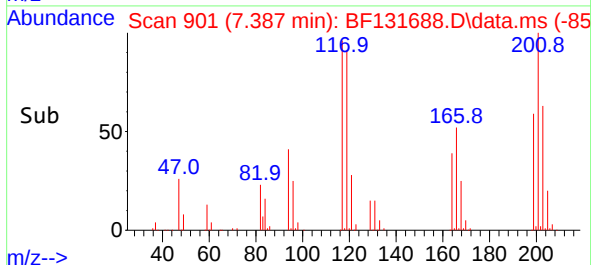
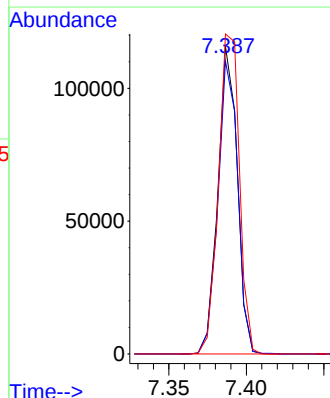
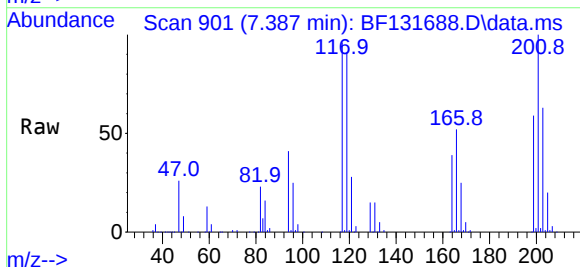
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

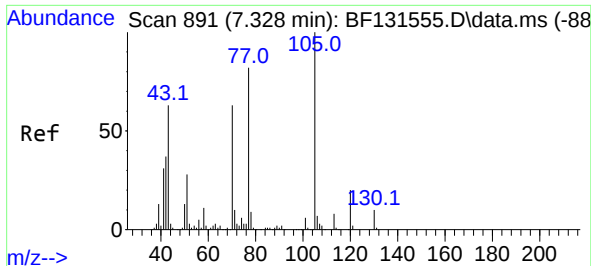
Tgt Ion:107 Resp: 207176
Ion Ratio Lower Upper
107 100
108 107.5 85.5 128.3
77 56.5 48.2 72.4
79 54.5 47.8 71.8



#18
Hexachloroethane
Concen: 46.721 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:117 Resp: 100711
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.4
201 104.1 98.0 147.0



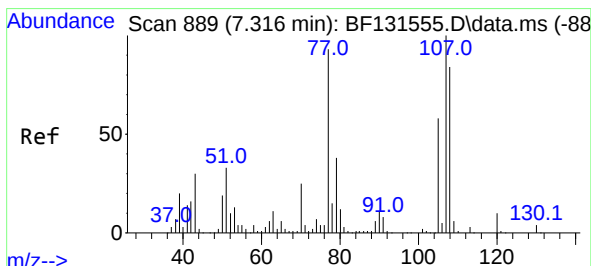
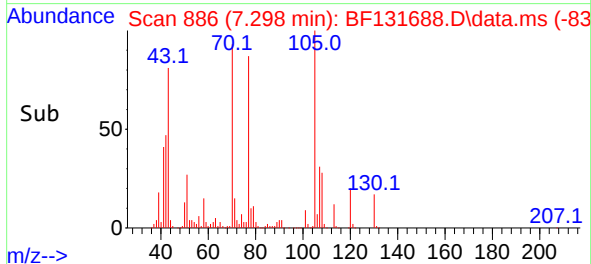
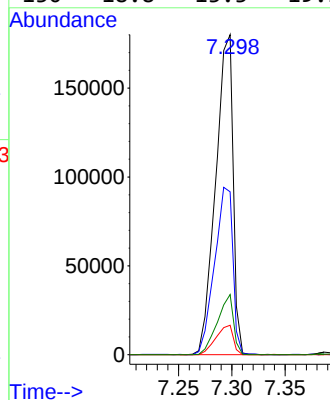
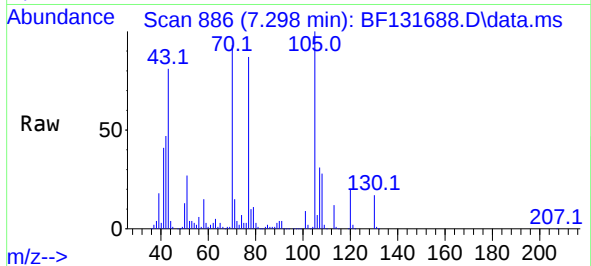


#19
n-Nitroso-di-n-propylamine
Concen: 48.275 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

Tgt Ion: 70 Resp: 204531

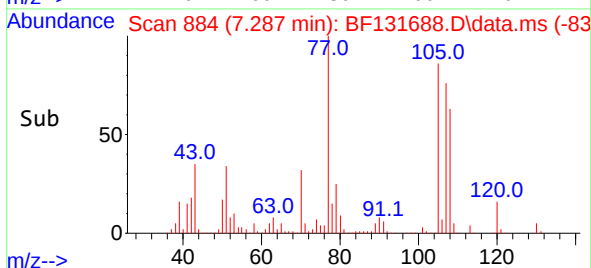
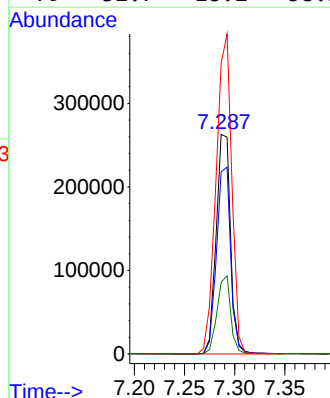
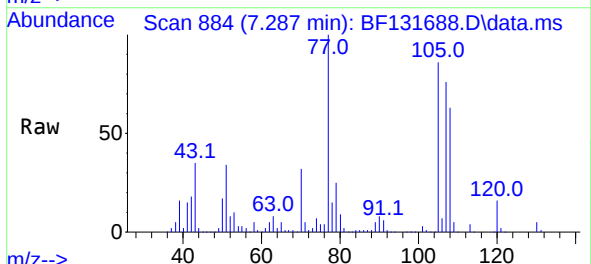
Ion	Ratio	Lower	Upper
70	100		
42	50.9	46.4	69.6
101	9.2	7.2	10.8
130	18.8	13.3	19.9

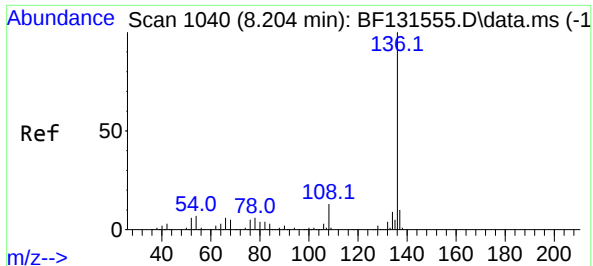


#20
3+4-Methylphenols
Concen: 46.841 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 107 Resp: 262734

Ion	Ratio	Lower	Upper
107	100		
108	82.9	64.0	104.0
77	132.3	73.1	113.1#
79	32.7	18.2	58.2

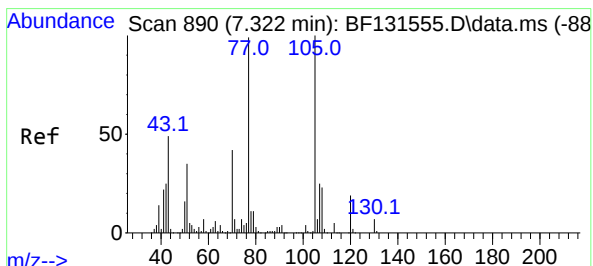
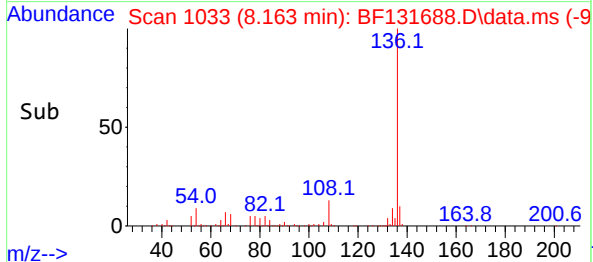
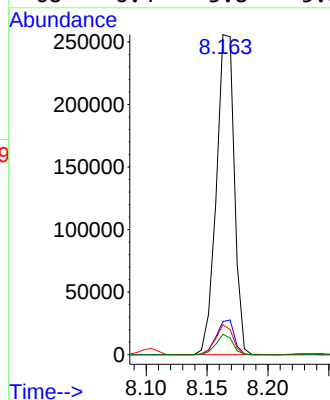
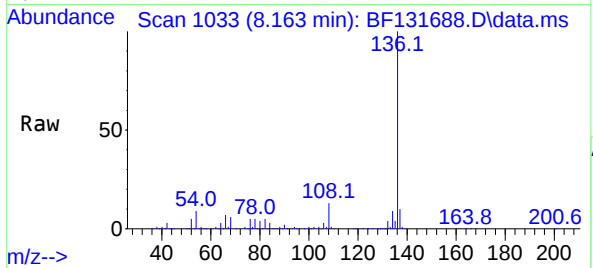




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

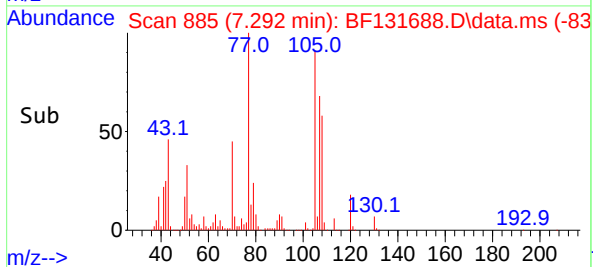
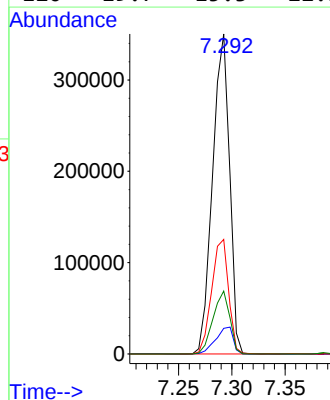
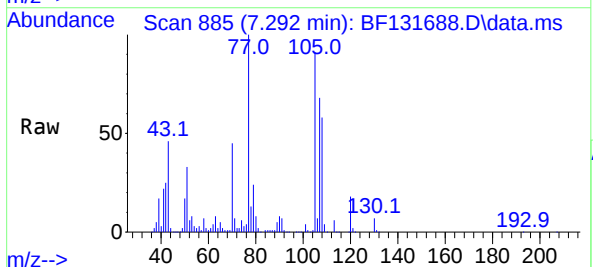
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

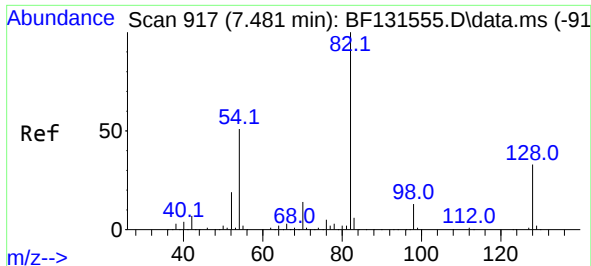
Tgt Ion:136 Resp: 262913
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 9.4 6.0 9.0#
68 6.4 3.8 5.8#



#22
Acetophenone
Concen: 46.903 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:105 Resp: 386438
Ion Ratio Lower Upper
105 100
71 8.0 5.4 8.0
51 35.8 27.8 41.6
120 19.7 15.3 22.9

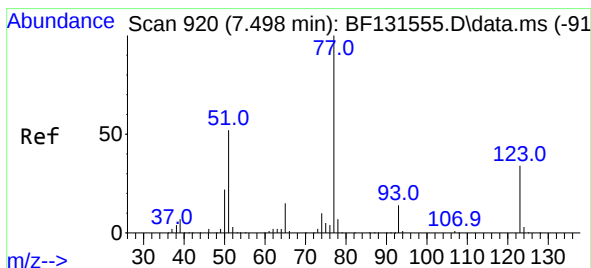
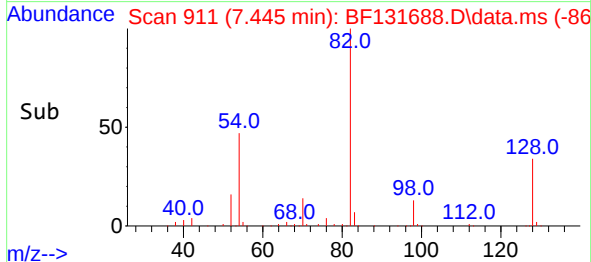
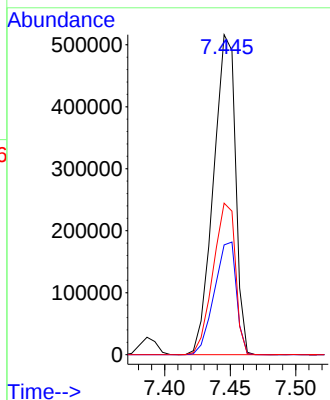
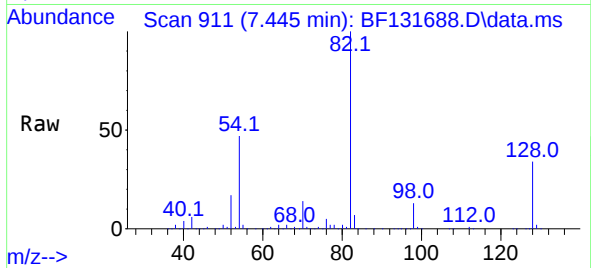




#23
Nitrobenzene-d5
Concen: 86.676 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

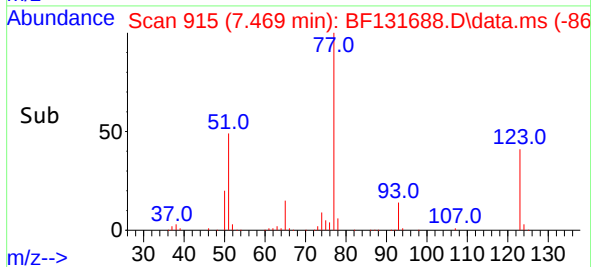
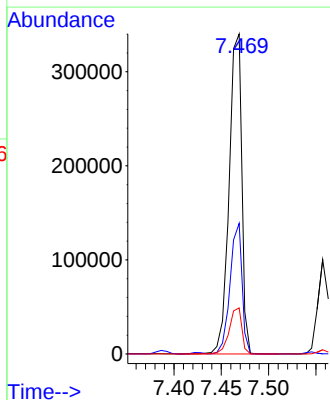
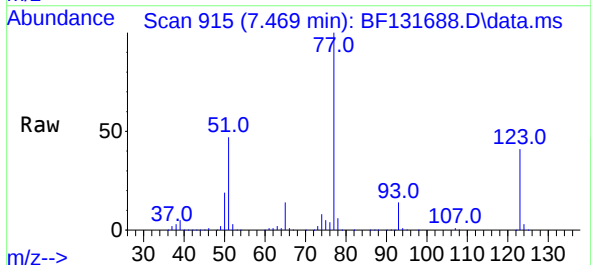
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

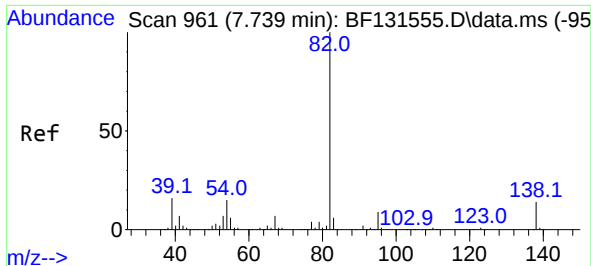
Tgt Ion: 82 Resp: 602755
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 47.4 40.6 60.8



#24
Nitrobenzene
Concen: 45.211 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 77 Resp: 317102
Ion Ratio Lower Upper
77 100
123 40.8 27.1 40.7#
65 14.4 11.9 17.9

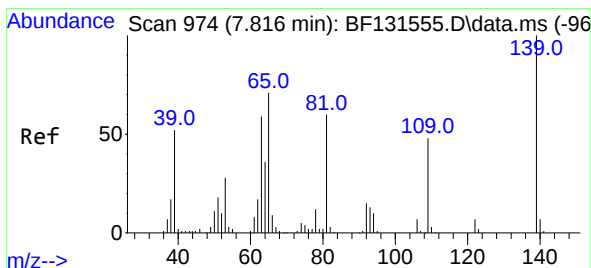
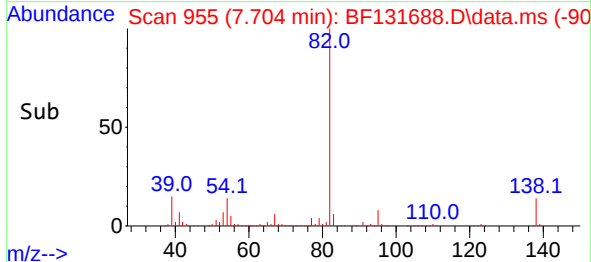
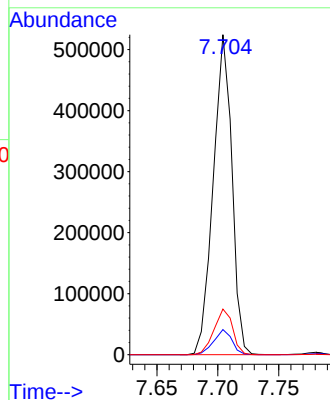
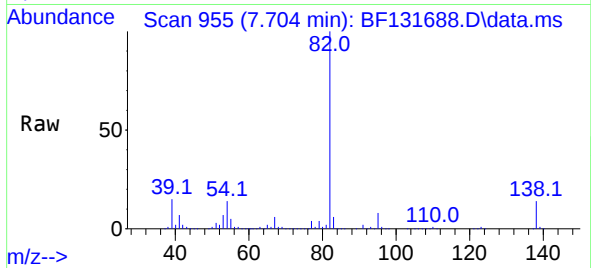




#25
Isophorone
Concen: 49.790 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

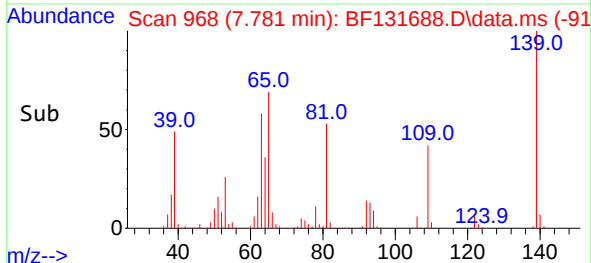
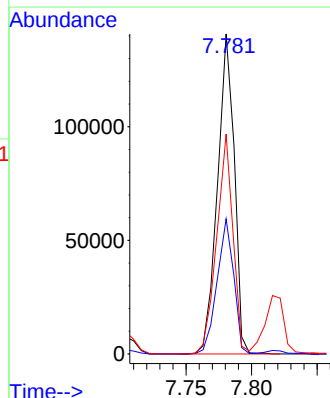
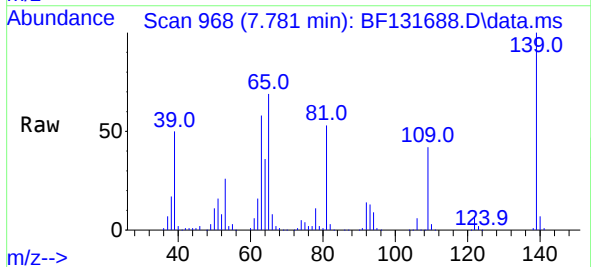
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

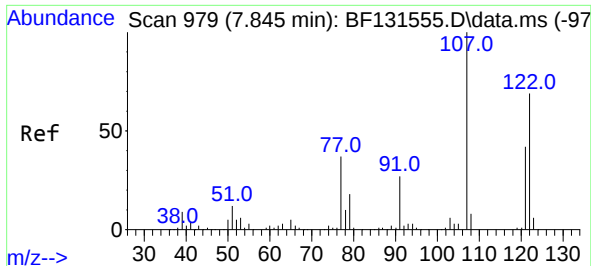
Tgt Ion: 82 Resp: 557717
Ion Ratio Lower Upper
82 100
95 7.9 6.9 10.3
138 14.3 11.4 17.0



#26
2-Nitrophenol
Concen: 52.410 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:139 Resp: 125357
Ion Ratio Lower Upper
139 100
109 42.2 38.6 58.0
65 68.7 56.5 84.7

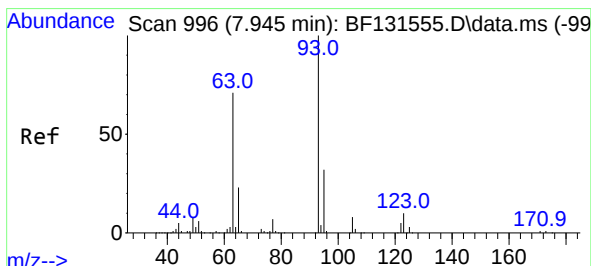
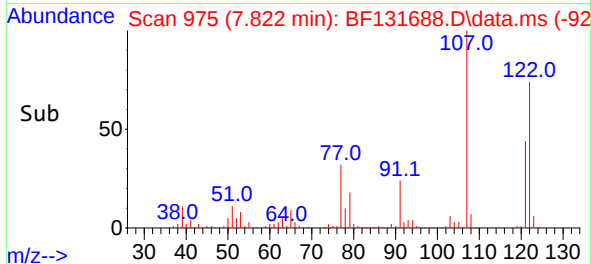
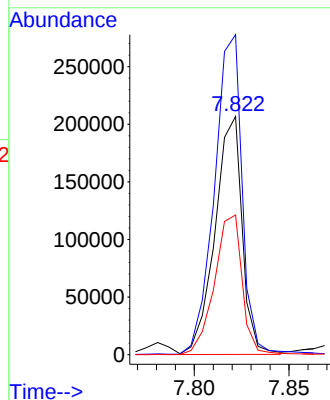
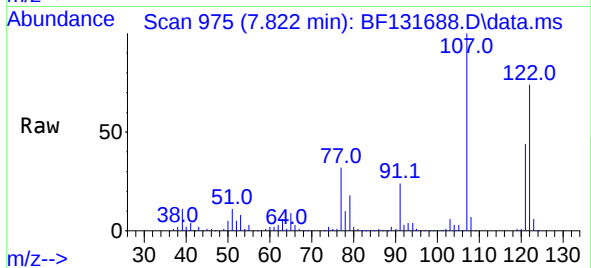




#27
2,4-Dimethylphenol
Concen: 56.321 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

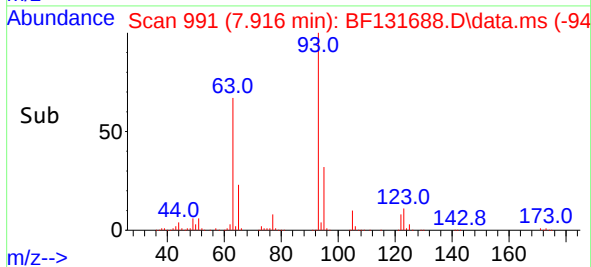
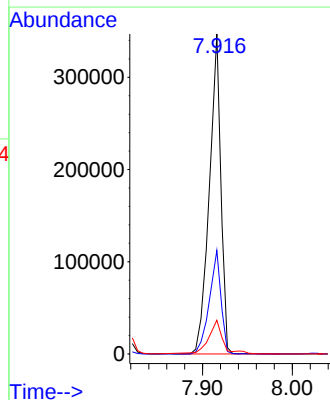
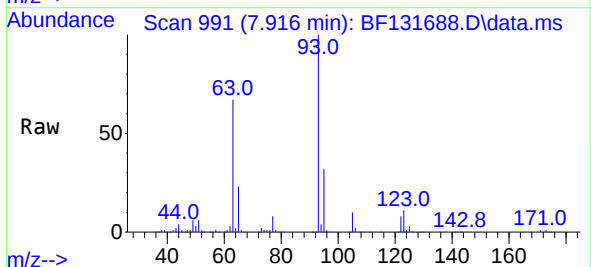
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

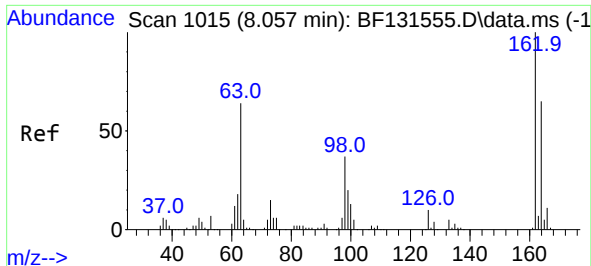
Tgt Ion:122 Resp: 206476
Ion Ratio Lower Upper
122 100
107 134.3 114.2 171.2
121 58.6 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 53.645 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 93 Resp: 310851
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.161 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MS

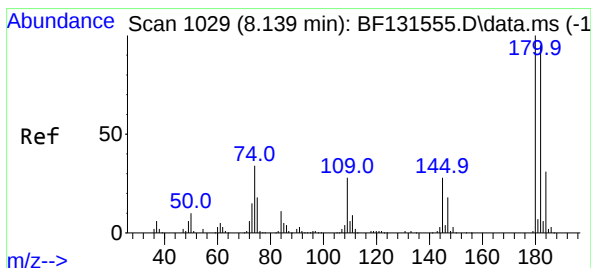
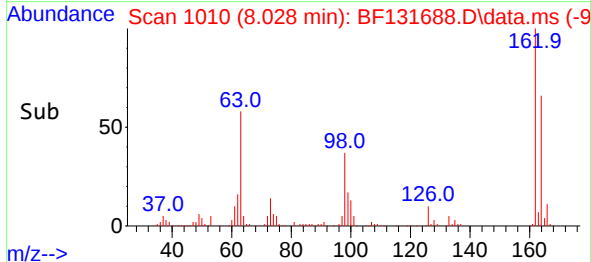
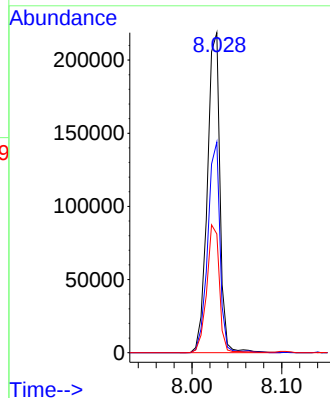
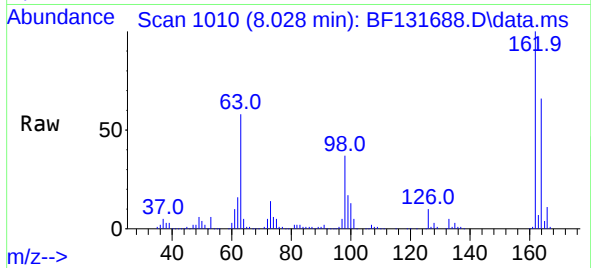
Tgt Ion:162 Resp: 213782

Ion Ratio Lower Upper

162 100

164 65.8 45.0 85.0

98 37.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.308 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

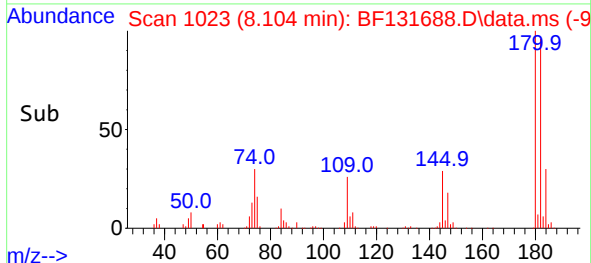
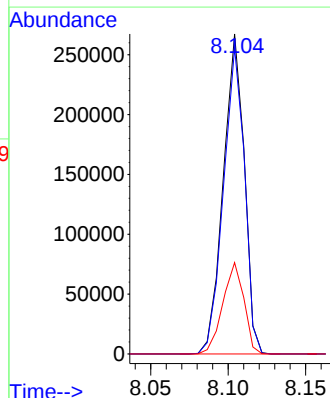
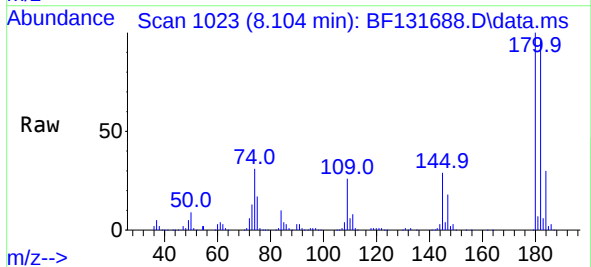
Tgt Ion:180 Resp: 251870

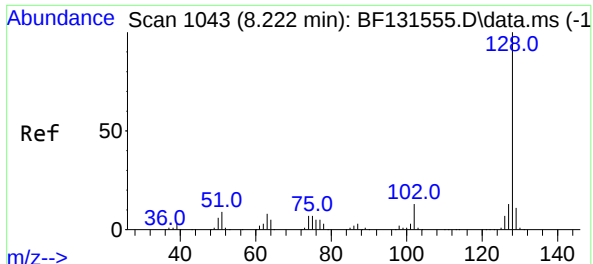
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 28.6 22.4 33.6

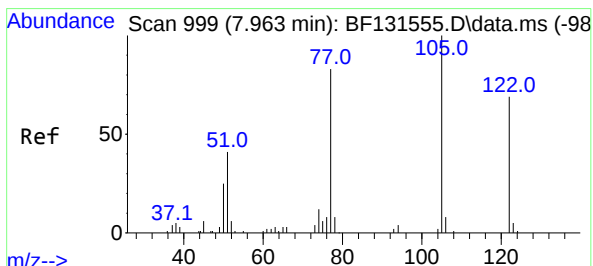
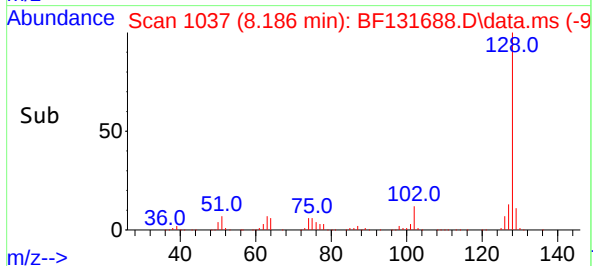
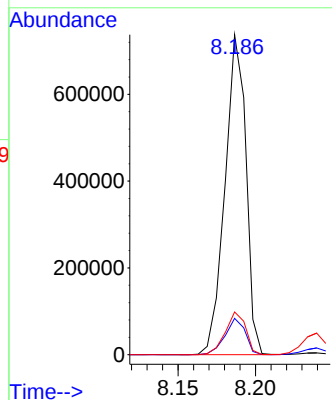
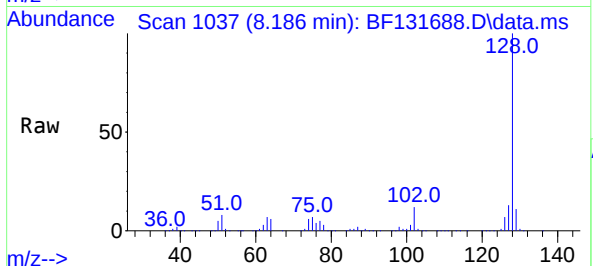




#31
Naphthalene
Concen: 46.943 ng
RT: 8.186 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

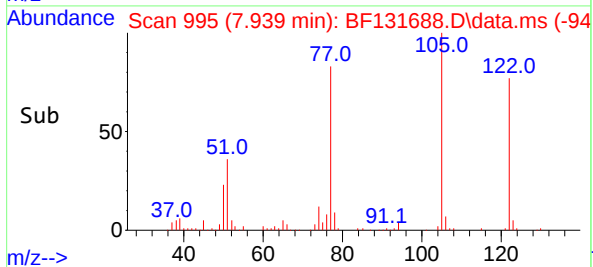
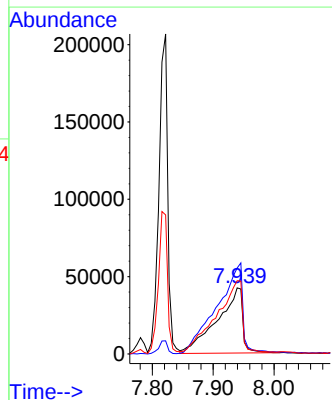
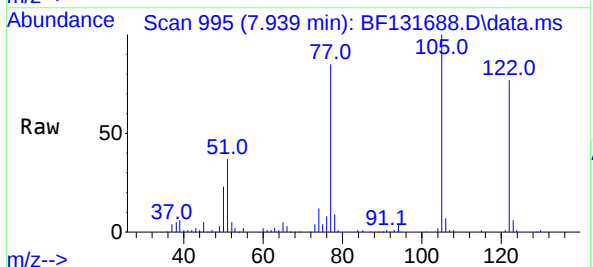
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

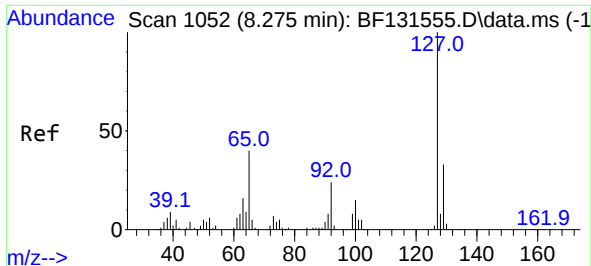
Tgt Ion:128 Resp: 695141
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 46.385 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:122 Resp: 123154
Ion Ratio Lower Upper
122 100
105 130.2 119.8 159.8
77 110.9 97.6 137.6

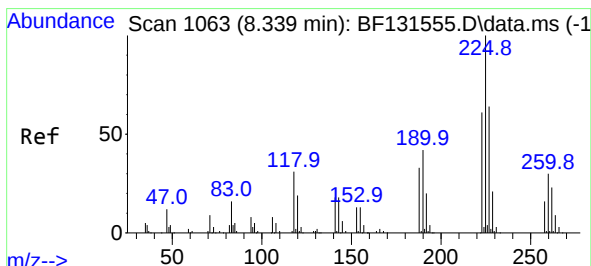
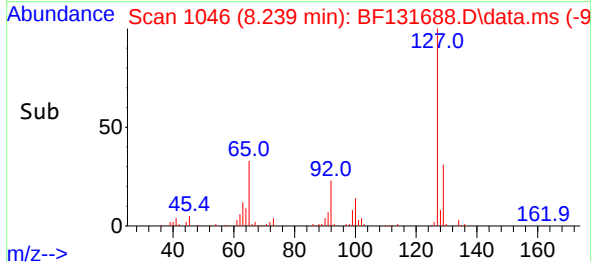
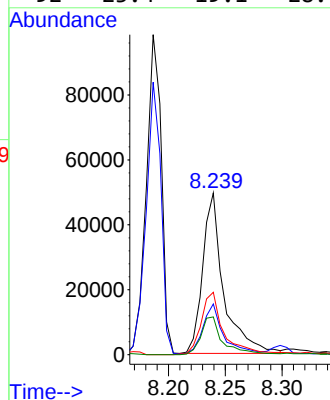
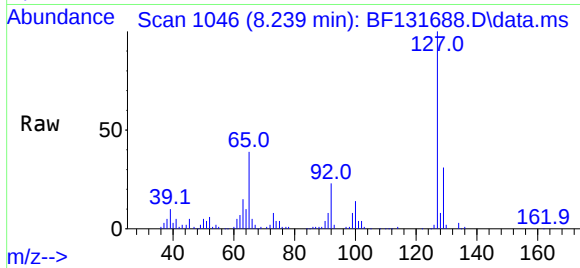




#33
4-Chloroaniline
Concen: 11.463 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

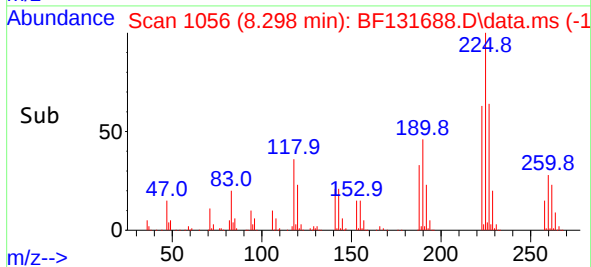
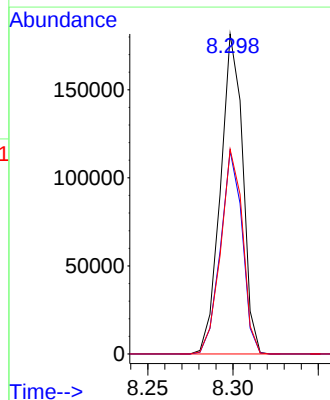
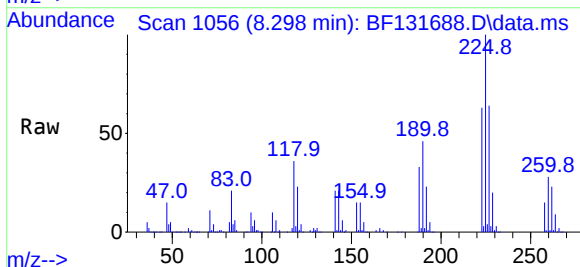
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

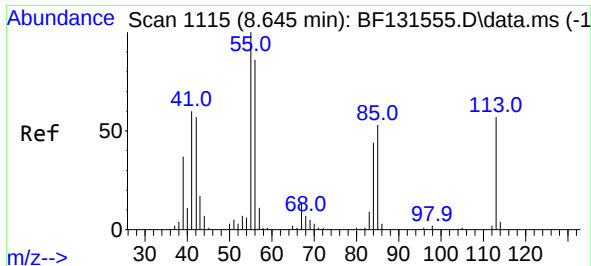
Tgt Ion:	127	Resp:	63624
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.4	39.6
65	38.5	31.9	47.9
92	23.4	19.1	28.7



#34
Hexachlorobutadiene
Concen: 41.970 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:	225	Resp:	164432
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.7	73.1
227	63.9	51.0	76.6

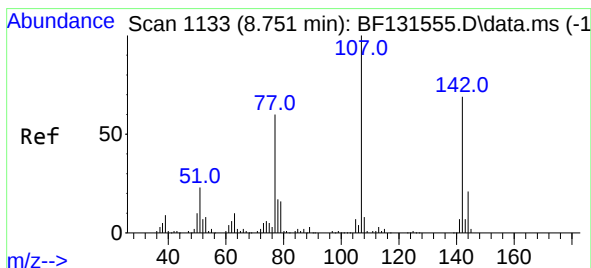
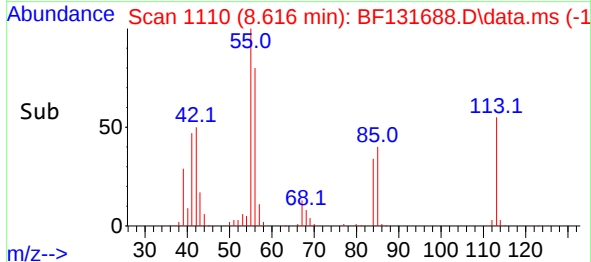
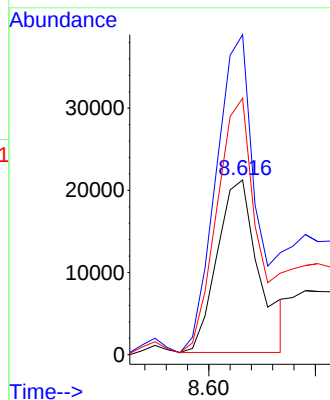
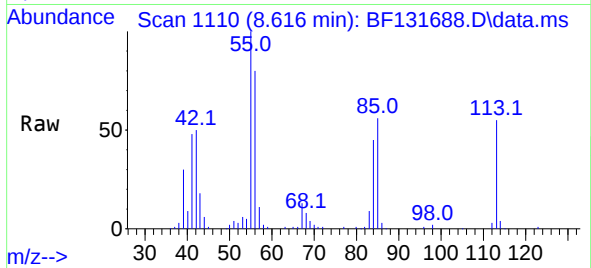




#35
Caprolactam
Concen: 24.474 ng
RT: 8.616 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

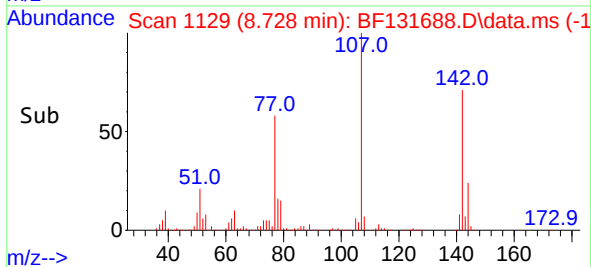
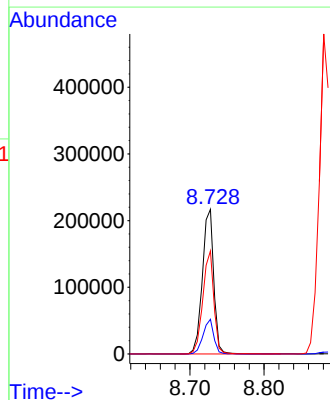
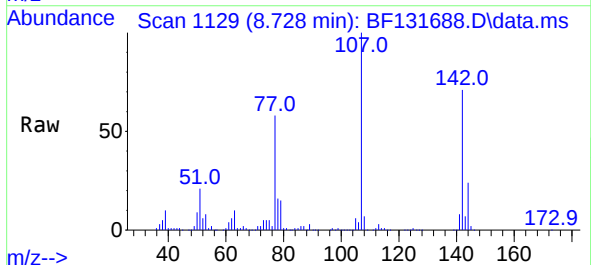
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

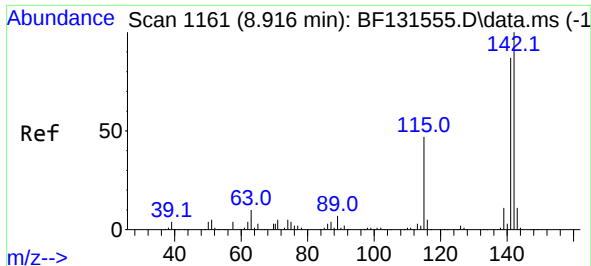
Tgt Ion:113 Resp: 28698
Ion Ratio Lower Upper
113 100
55 183.2 155.8 195.8
56 146.9 131.7 171.7



#36
4-Chloro-3-methylphenol
Concen: 45.483 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:107 Resp: 231516
Ion Ratio Lower Upper
107 100
144 23.9 17.0 25.4
142 71.2 54.8 82.2





#37

2-Methylnaphthalene

Concen: 45.459 ng

RT: 8.881 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

Instrument :

BNA_F

ClientSampleId :

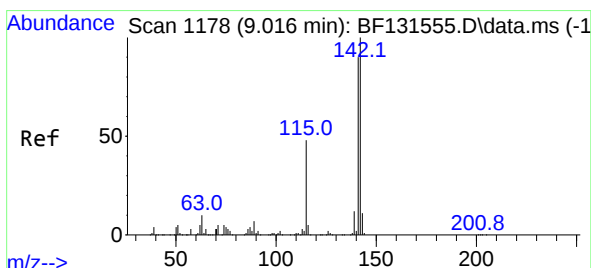
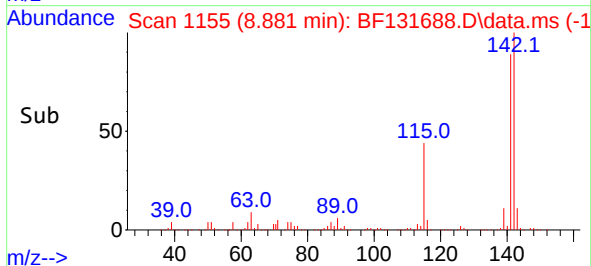
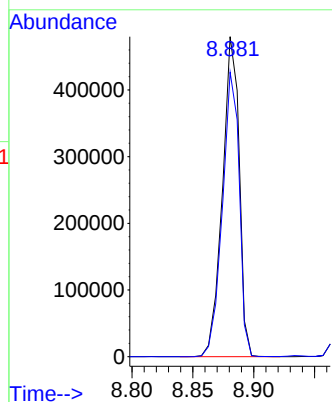
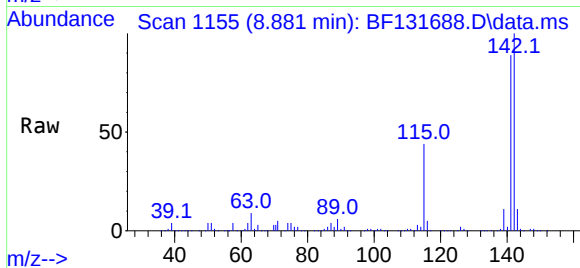
WC-SOIL-20221214MS

Tgt Ion:142 Resp: 460365

Ion Ratio Lower Upper

142 100

141 88.9 69.7 104.5



#38

1-Methylnaphthalene

Concen: 44.116 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF131688.D

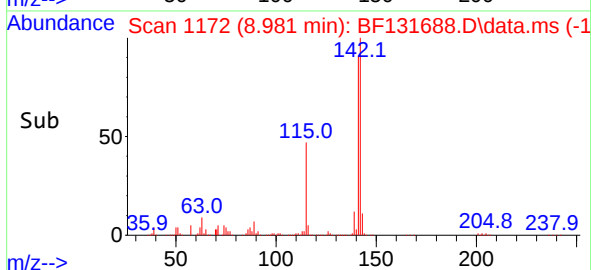
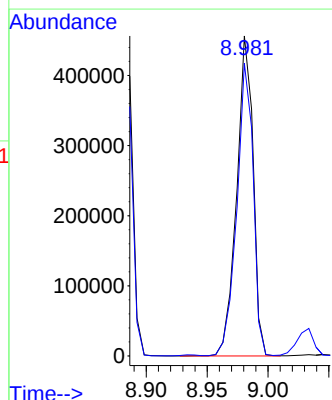
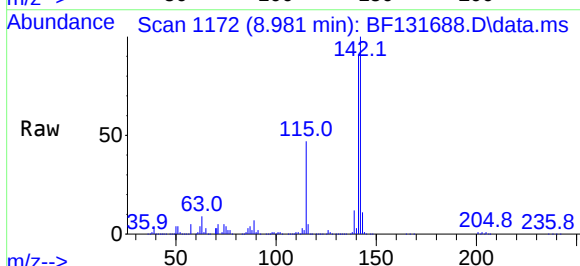
Acq: 19 Dec 2022 14:46

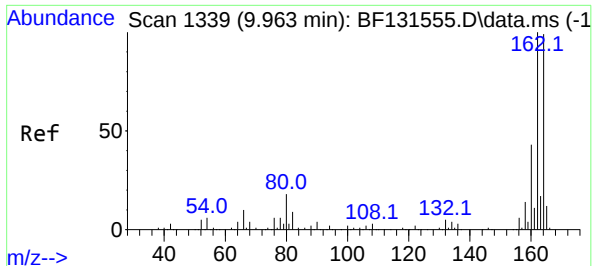
Tgt Ion:142 Resp: 428881

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

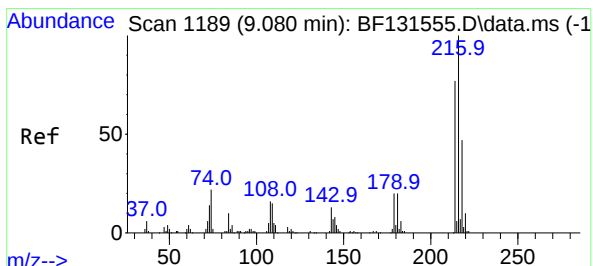
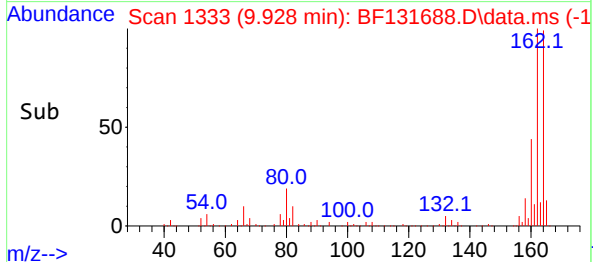
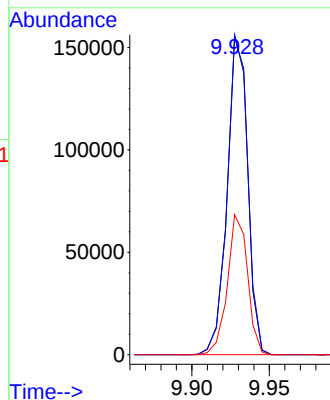
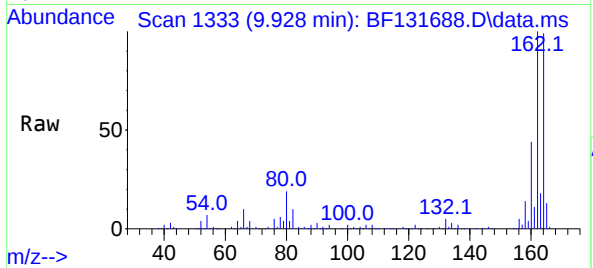




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

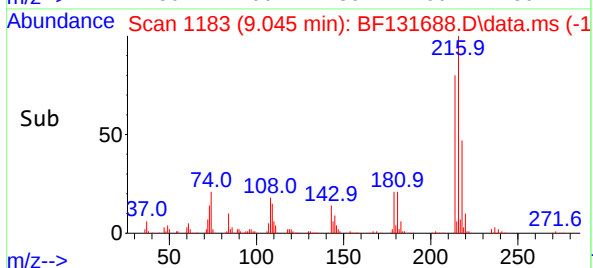
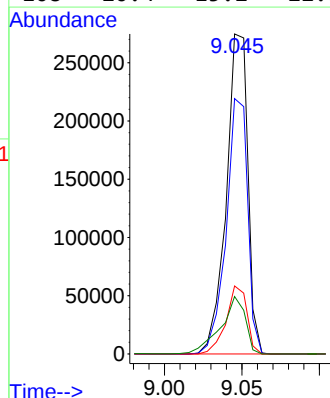
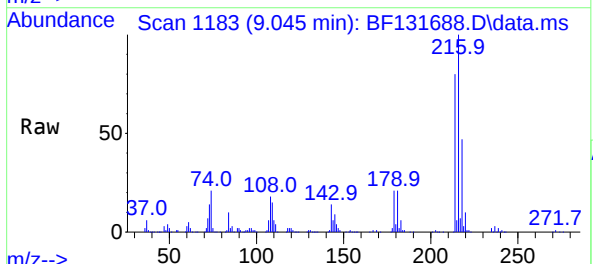
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

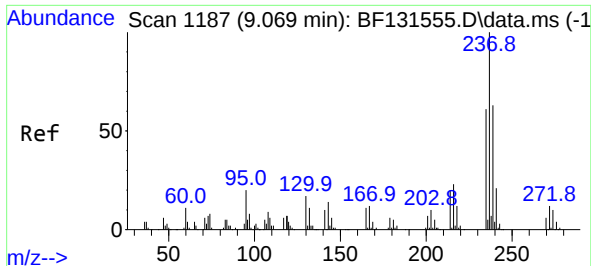
Tgt Ion:164 Resp: 143190
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 44.1 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.249 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:216 Resp: 266352
Ion Ratio Lower Upper
216 100
214 79.2 62.1 93.1
179 20.5 16.0 24.0
108 20.4 15.2 22.8



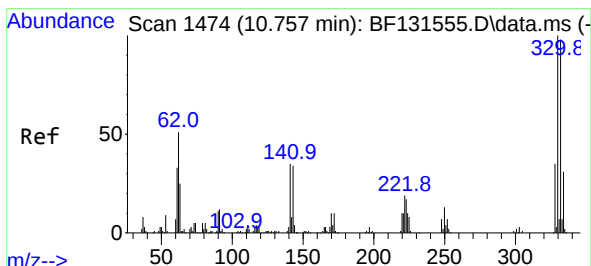
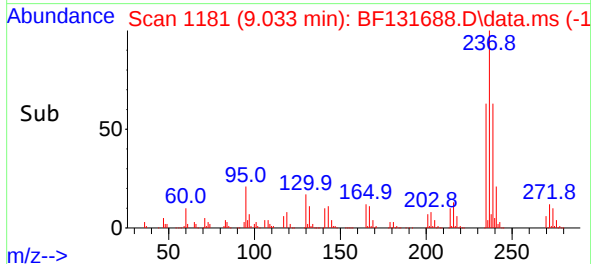
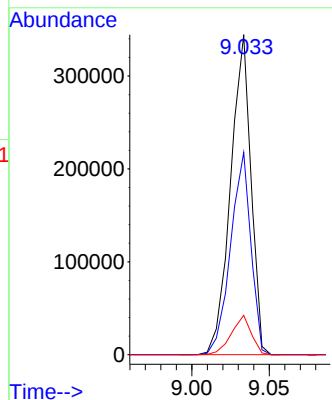
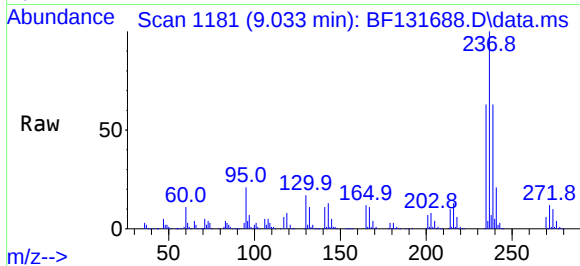


#41
Hexachlorocyclopentadiene
Concen: 117.248 ng
RT: 9.033 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

Tgt Ion:237 Resp: 315447

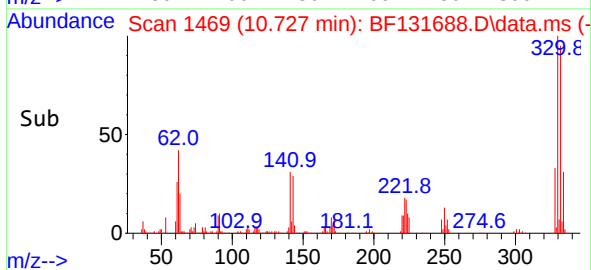
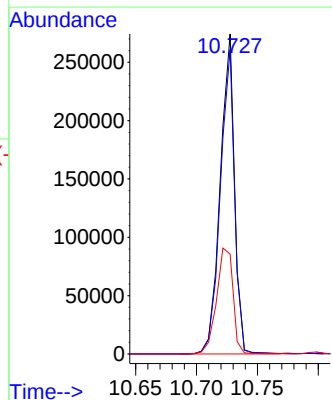
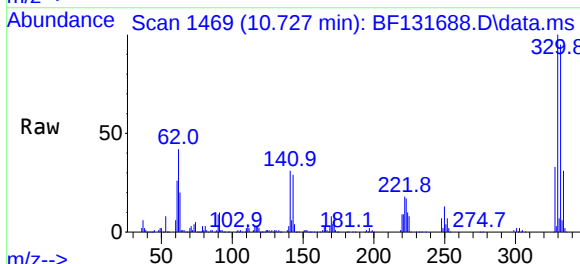
Ion	Ratio	Lower	Upper
237	100		
235	63.2	40.6	80.6
272	12.3	0.0	32.2

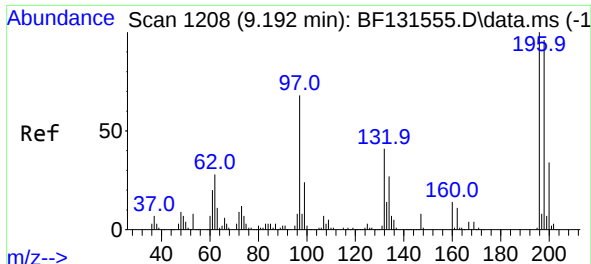


#42
2,4,6-Tribromophenol
Concen: 140.583 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:330 Resp: 223652

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.3	117.5
141	38.4	32.6	49.0

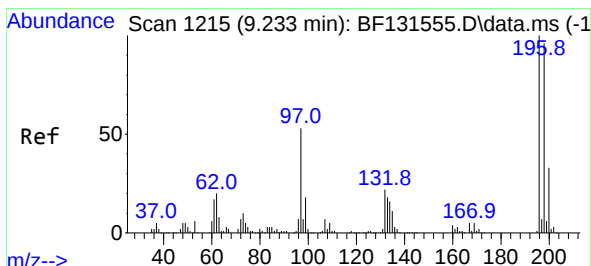
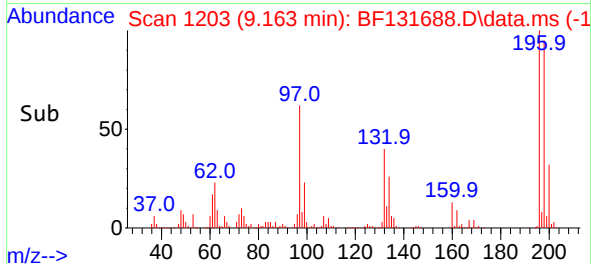
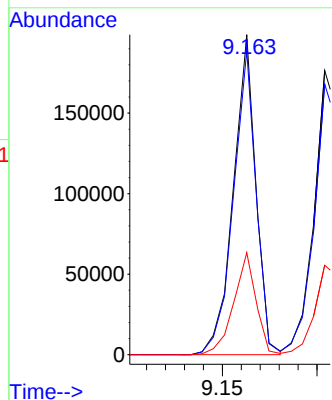
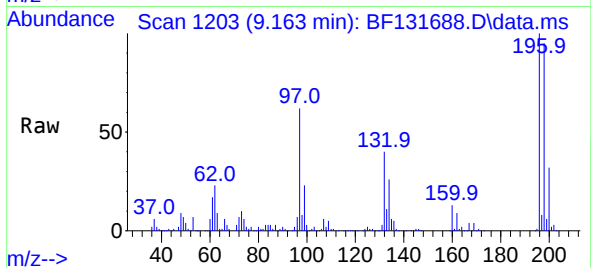




#43
2,4,6-Trichlorophenol
Concen: 50.042 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

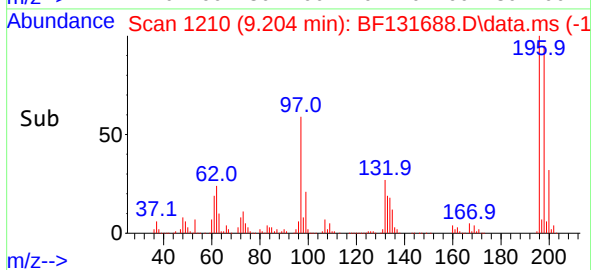
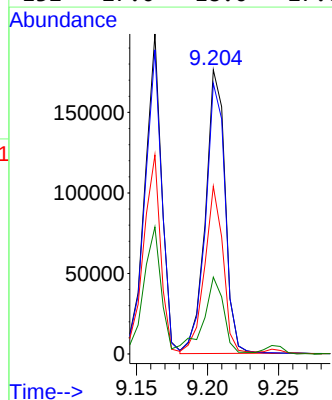
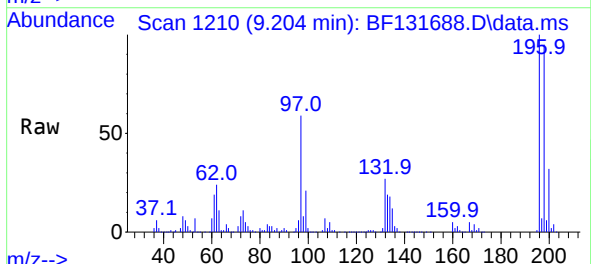
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

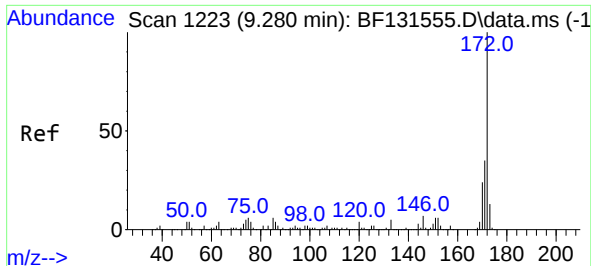
Tgt Ion:196 Resp: 164067
Ion Ratio Lower Upper
196 100
198 95.0 76.9 115.3
200 31.9 26.9 40.3



#44
2,4,5-Trichlorophenol
Concen: 48.223 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:196 Resp: 170030
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
97 59.0 42.2 63.2
132 27.0 18.0 27.0#

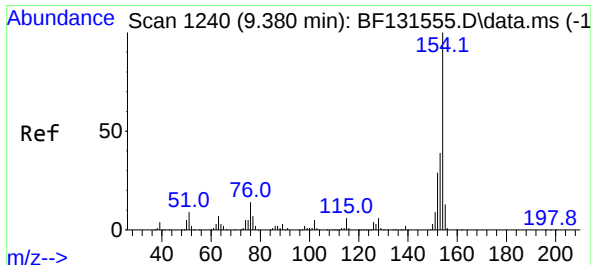
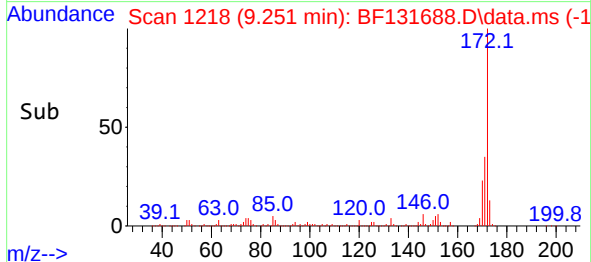
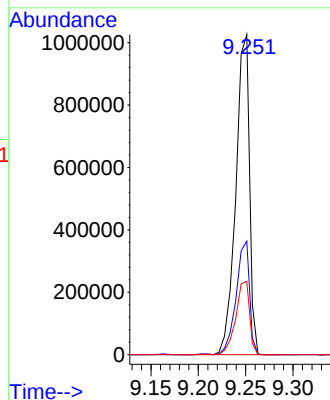
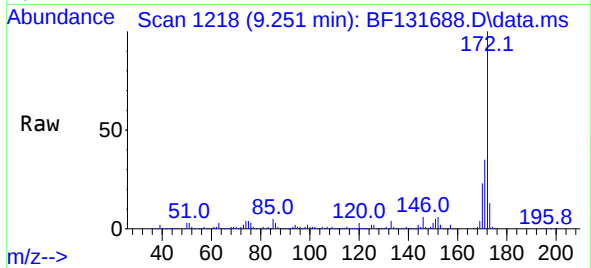




#45
2-Fluorobiphenyl
Concen: 90.658 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

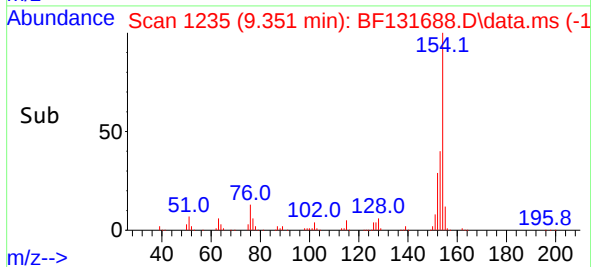
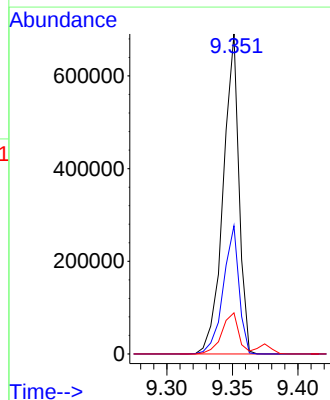
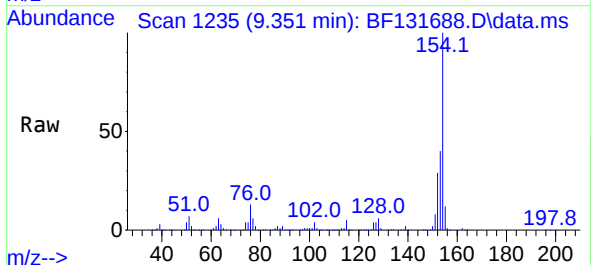
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

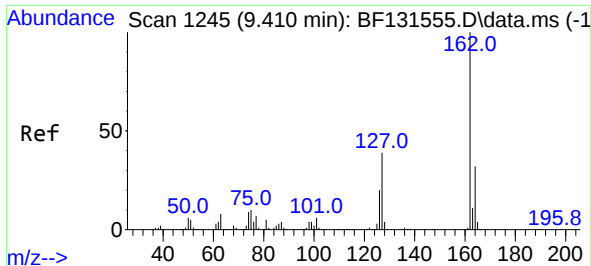
Tgt Ion:172 Resp: 1029547
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 50.810 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:154 Resp: 575234
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 12.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.317 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MS

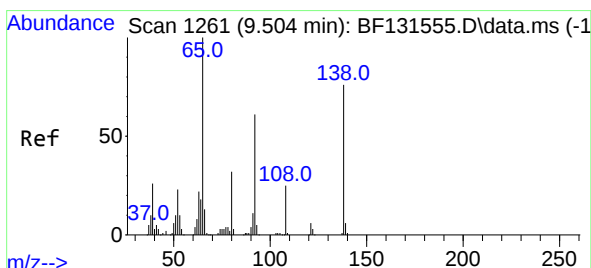
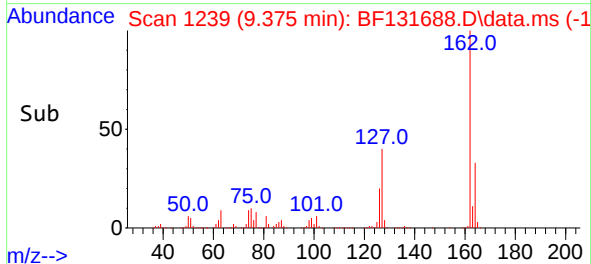
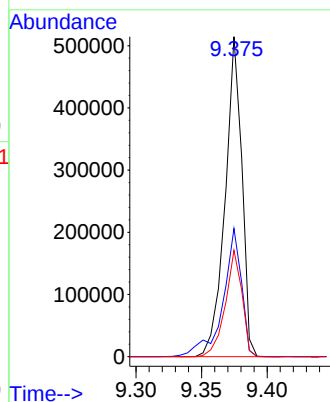
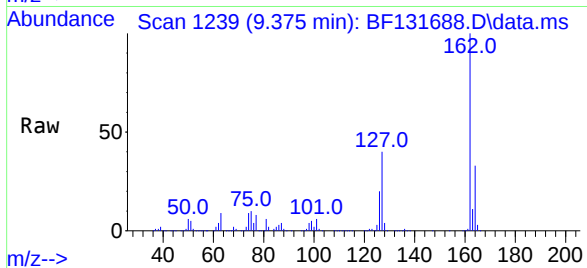
Tgt Ion:162 Resp: 454899

Ion Ratio Lower Upper

162 100

127 40.0 31.4 47.2

164 33.3 25.8 38.8



#48

2-Nitroaniline

Concen: 46.233 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

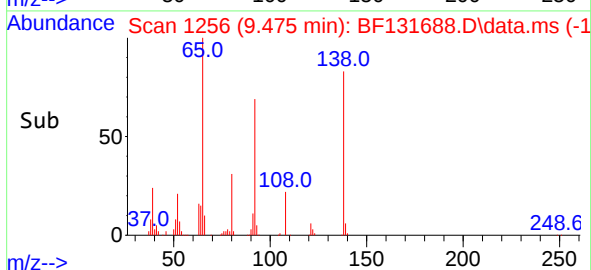
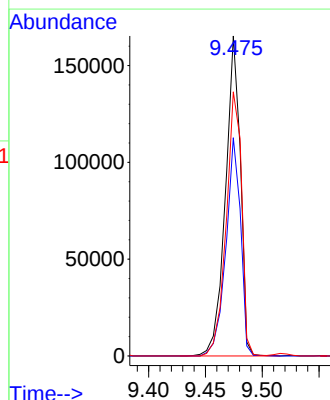
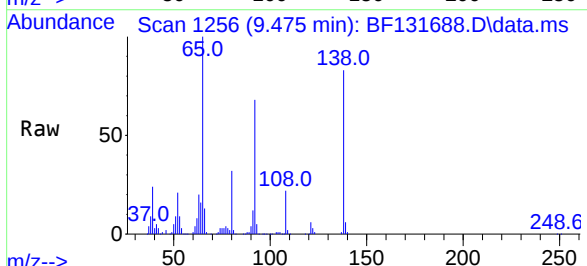
Tgt Ion: 65 Resp: 151066

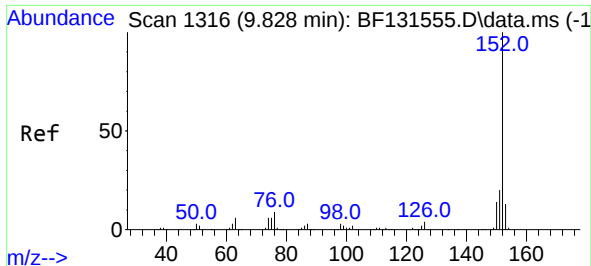
Ion Ratio Lower Upper

65 100

92 68.2 49.2 73.8

138 82.5 60.7 91.1





#49

Acenaphthylene

Concen: 49.584 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MS

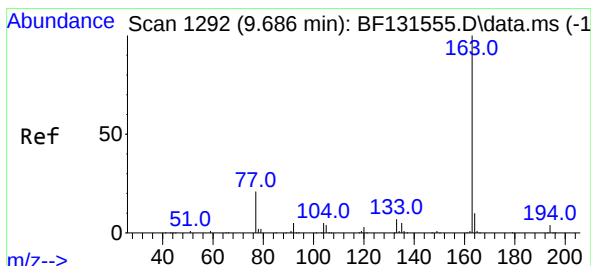
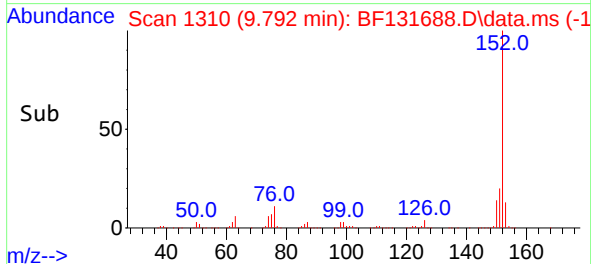
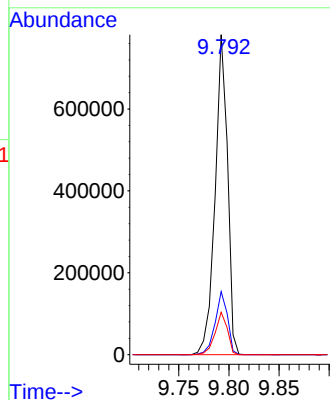
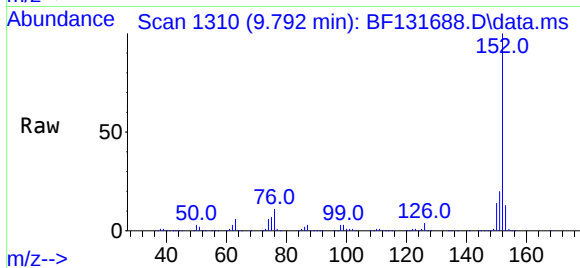
Tgt Ion:152 Resp: 671545

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 47.258 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.012 min

Lab File: BF131688.D

Acq: 19 Dec 2022 14:46

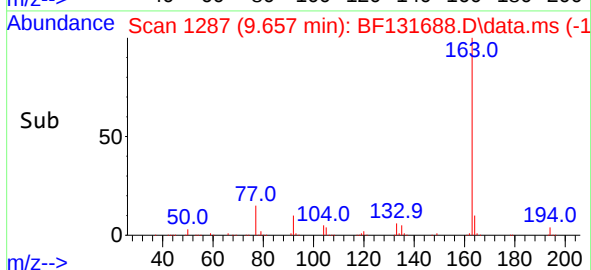
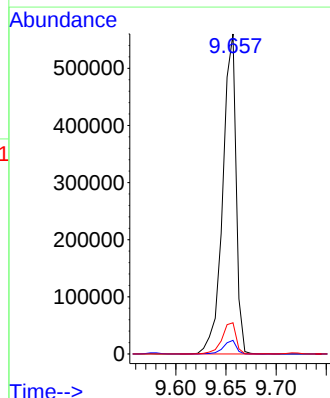
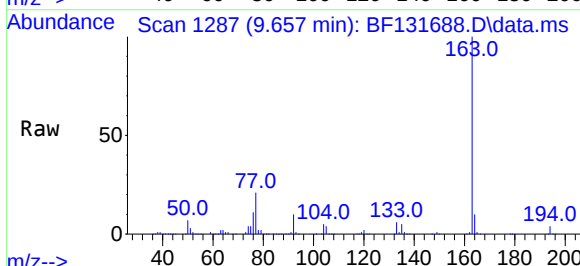
Tgt Ion:163 Resp: 515847

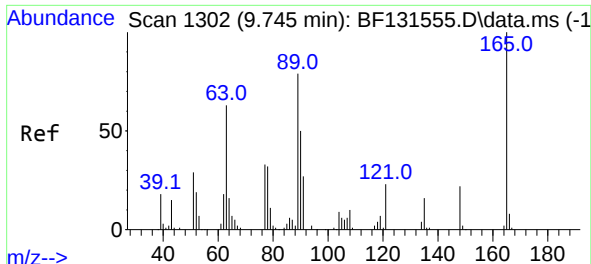
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.7 7.8 11.6

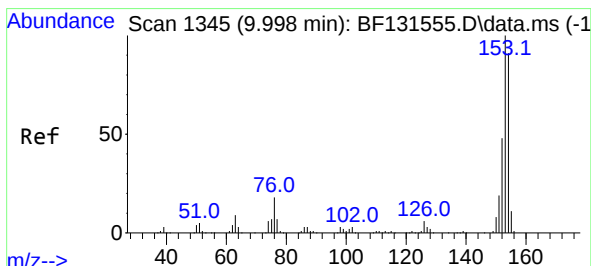
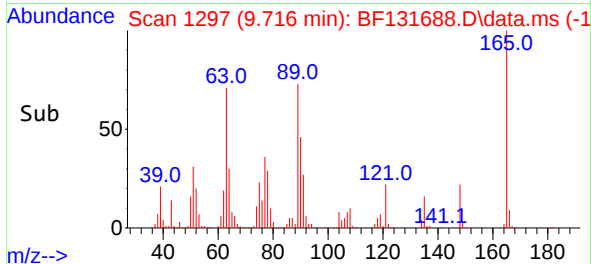
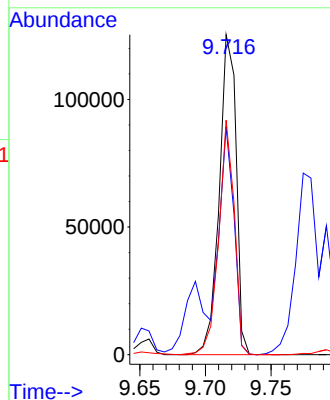
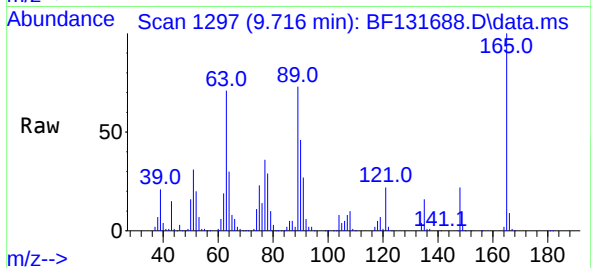




#51
2,6-Dinitrotoluene
Concen: 49.738 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

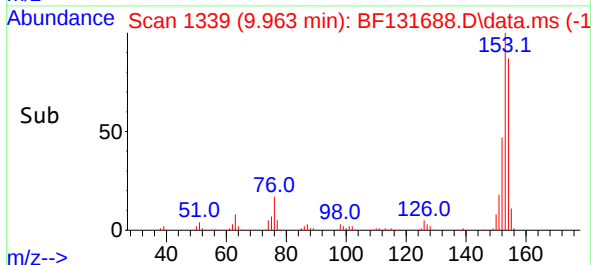
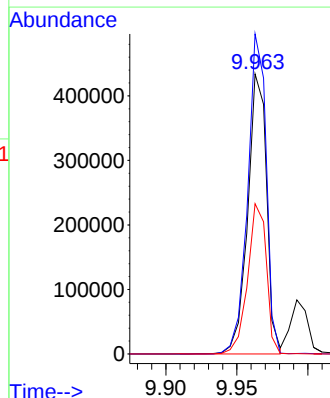
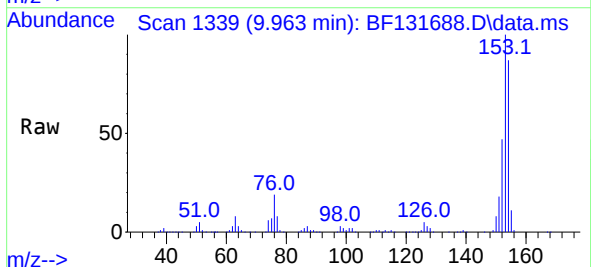
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

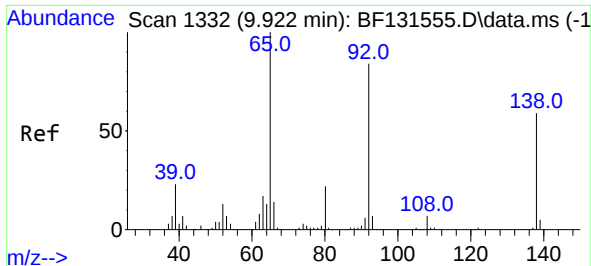
Tgt Ion:165 Resp: 112083
Ion Ratio Lower Upper
165 100
63 71.2 67.9 101.9
89 73.2 63.2 94.8



#52
Acenaphthene
Concen: 44.050 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:154 Resp: 399670
Ion Ratio Lower Upper
154 100
153 114.3 87.9 131.9
152 53.6 42.4 63.6

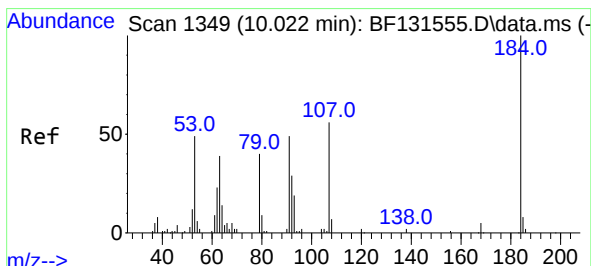
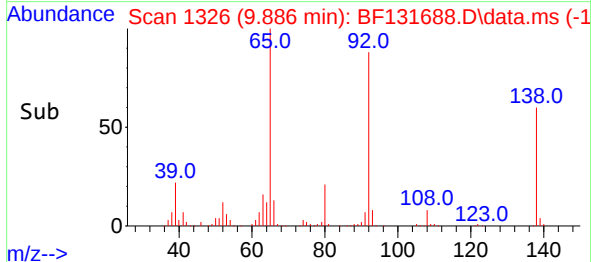
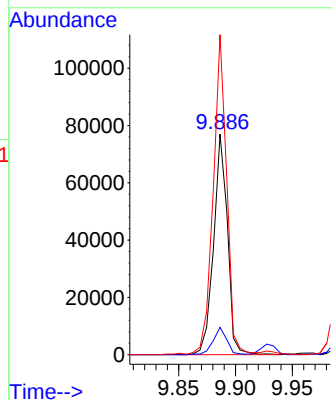
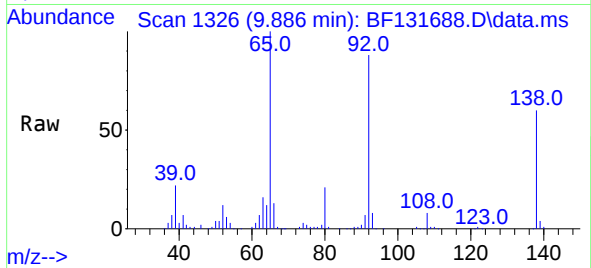




#53
3-Nitroaniline
Concen: 30.145 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

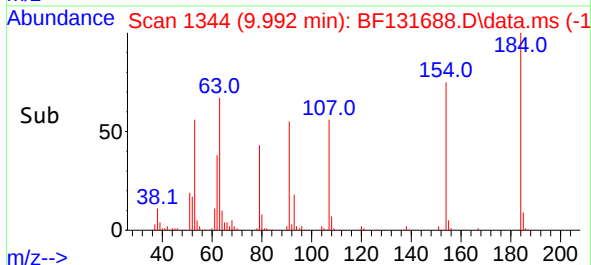
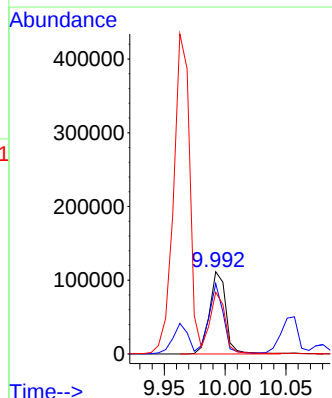
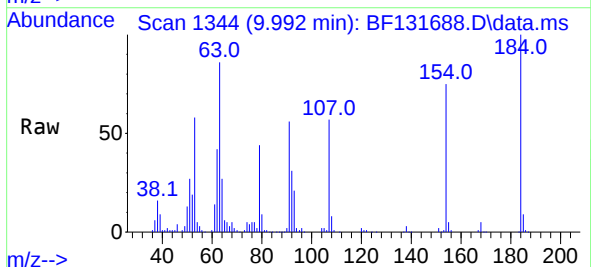
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

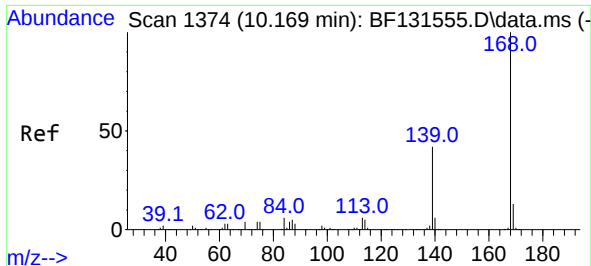
Tgt Ion:138 Resp: 65177
Ion Ratio Lower Upper
138 100
108 12.4 9.6 14.4
92 145.2 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 80.584 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

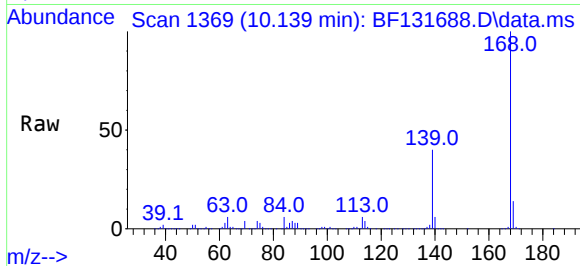
Tgt Ion:184 Resp: 103994
Ion Ratio Lower Upper
184 100
63 85.6 60.7 91.1
154 75.1 59.0 88.6



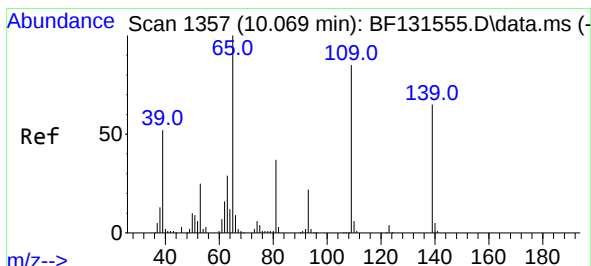
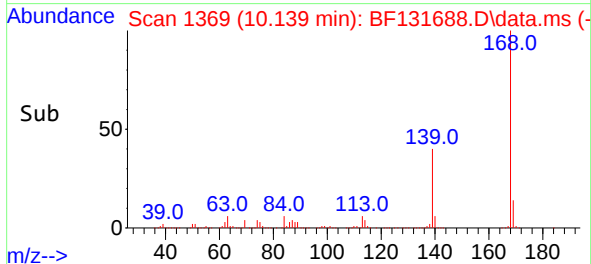
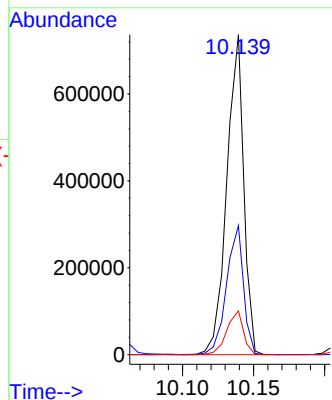


#55
Dibenzenofuran
Concen: 47.559 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

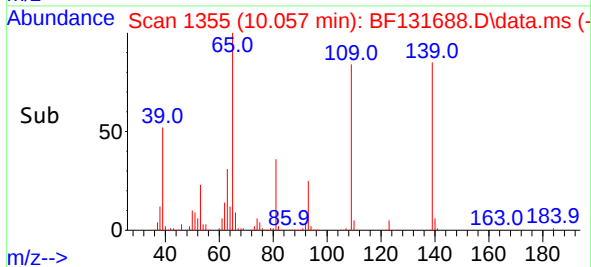
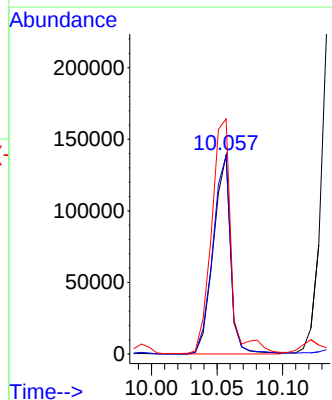
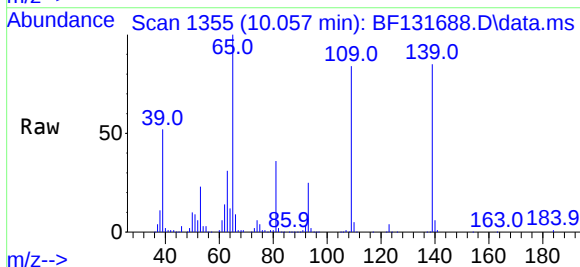


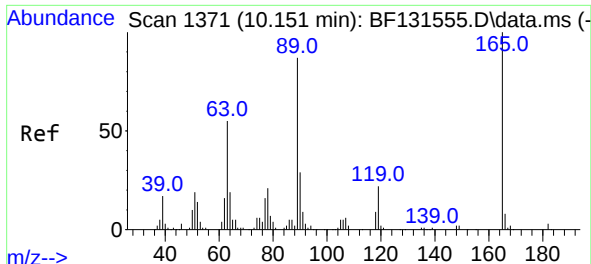
Tgt Ion:168 Resp: 609689
Ion Ratio Lower Upper
168 100
139 40.4 33.9 50.9
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 84.444 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:139 Resp: 126835
Ion Ratio Lower Upper
139 100
109 99.8 110.2 150.2#
65 118.2 133.3 173.3#

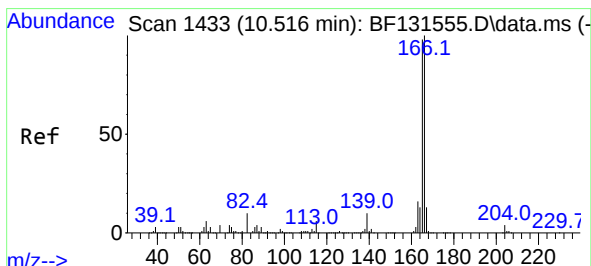
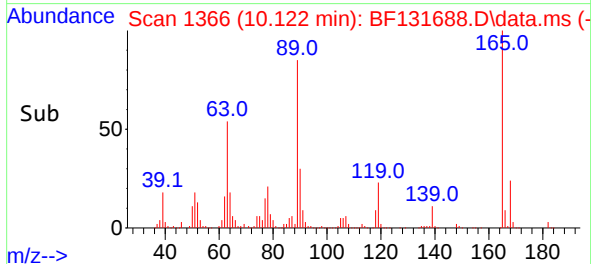
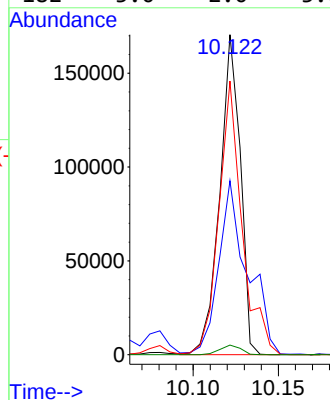
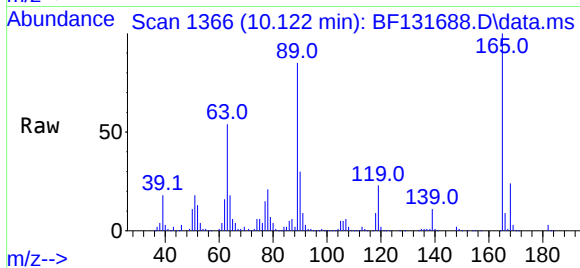




#57
2,4-Dinitrotoluene
Concen: 47.937 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

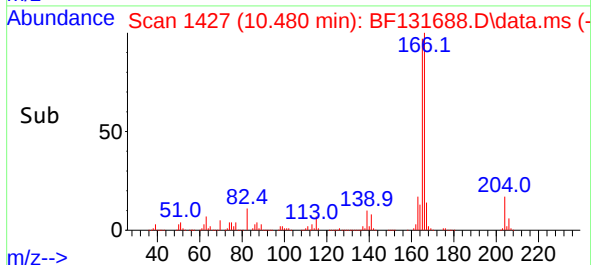
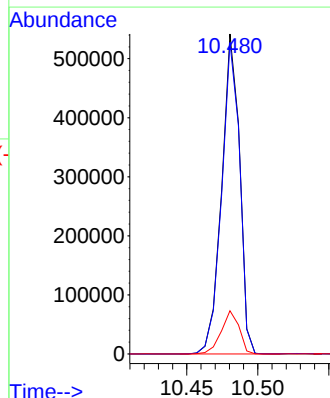
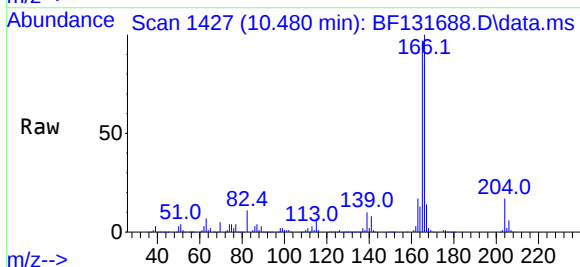
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

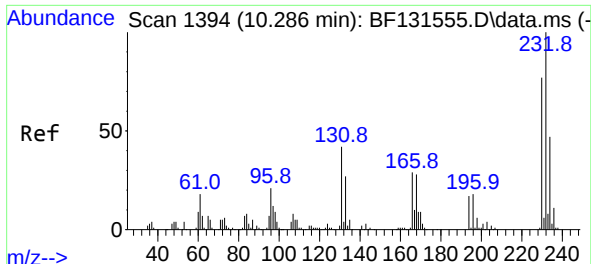
Tgt Ion:	165	Resp:	143300
Ion	Ratio	Lower	Upper
165	100		
63	54.4	44.4	66.6
89	85.5	69.6	104.4
182	3.0	2.0	3.0



#58
Fluorene
Concen: 45.516 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:	166	Resp:	474364
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.5	10.7	16.1

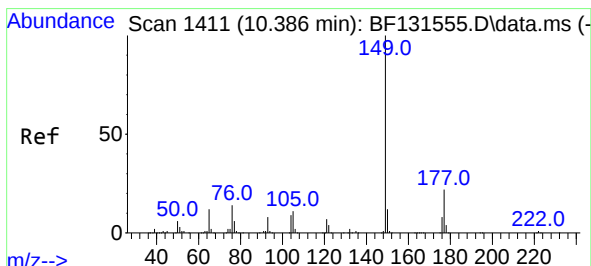
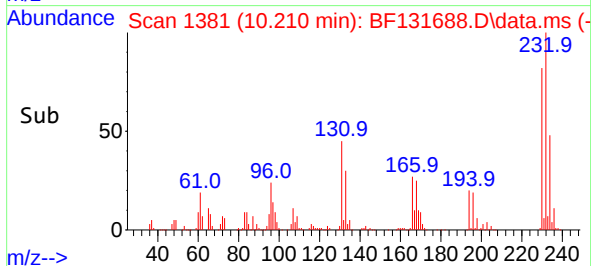
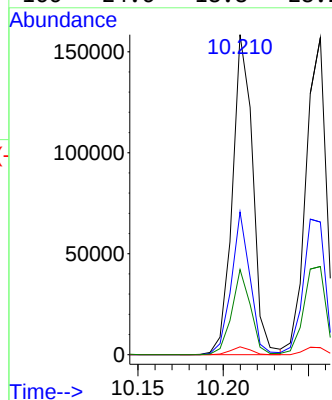
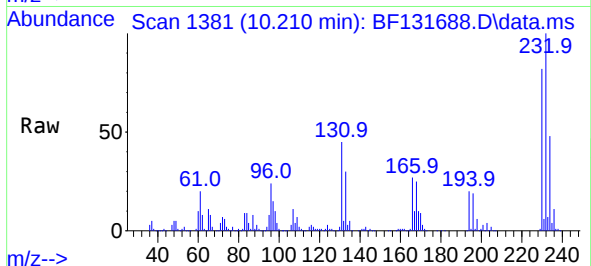




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.987 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

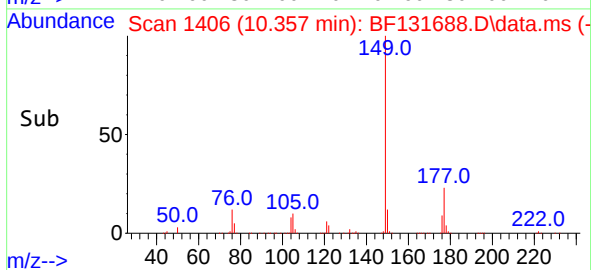
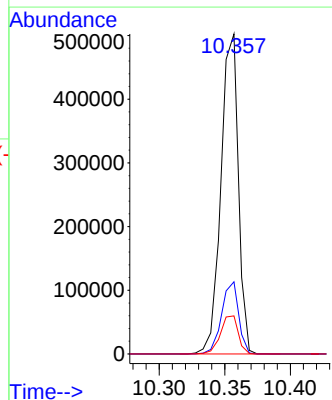
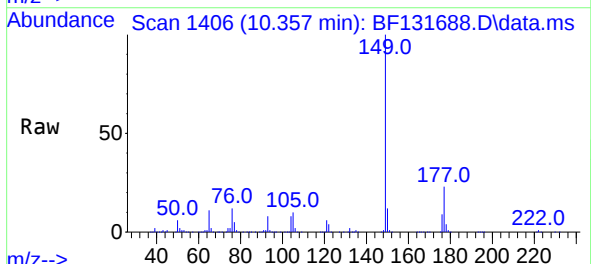
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

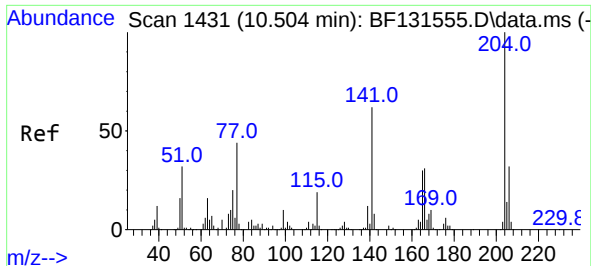
Tgt Ion:232 Resp: 131336
Ion Ratio Lower Upper
232 100
131 41.1 31.0 46.6
130 2.4 1.8 2.8
166 24.6 18.8 28.2



#60
Diethylphthalate
Concen: 44.214 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:149 Resp: 463138
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 11.9 9.7 14.5

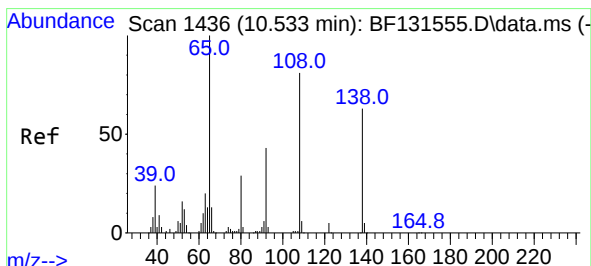
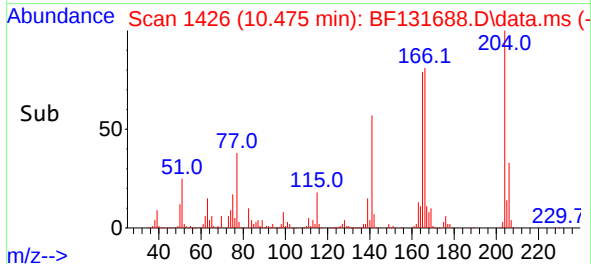
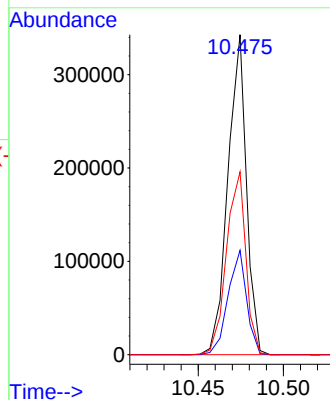
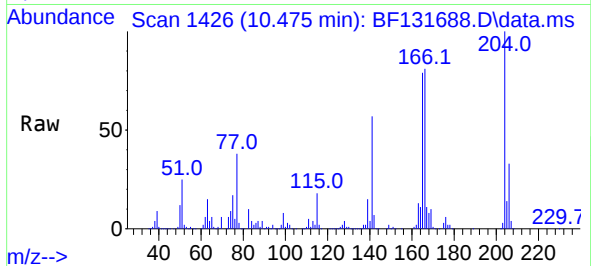




#61
4-Chlorophenyl-phenylether
Concen: 45.201 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

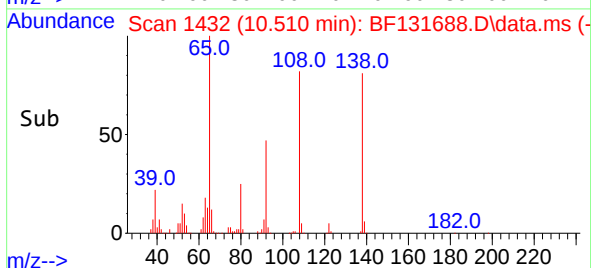
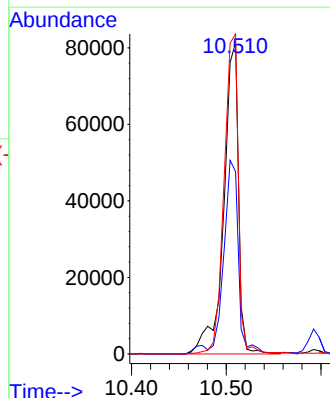
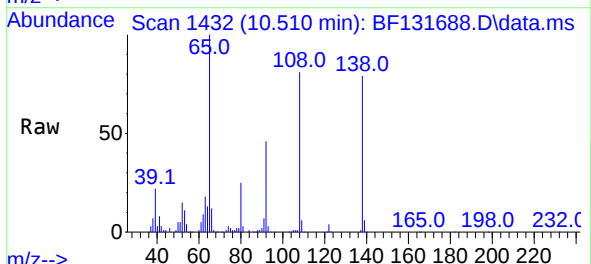
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

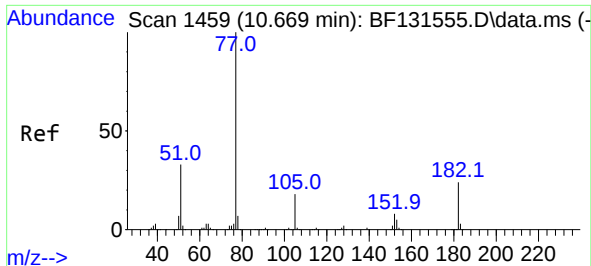
Tgt Ion:204 Resp: 260328
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.2
141 57.2 49.5 74.3



#62
4-Nitroaniline
Concen: 41.280 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:138 Resp: 88445
Ion Ratio Lower Upper
138 100
92 58.6 47.5 87.5
108 102.8 108.8 148.8#

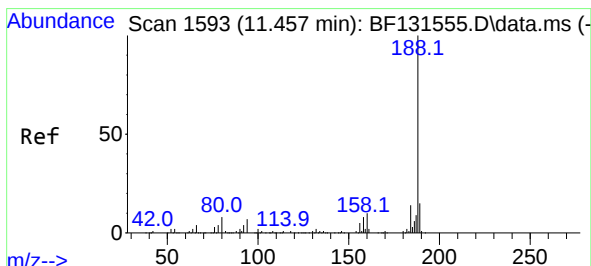
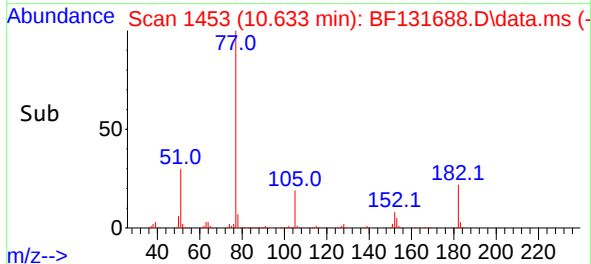
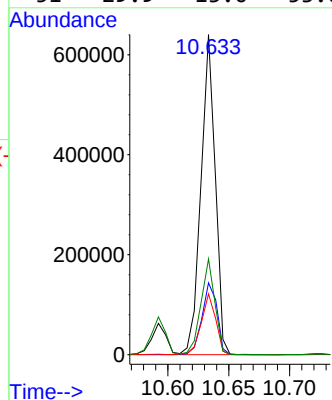
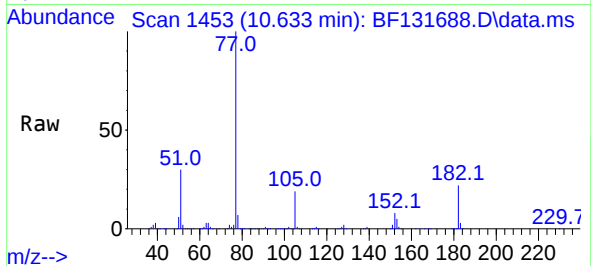




#63
Azobenzene
Concen: 43.635 ng
RT: 10.633 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

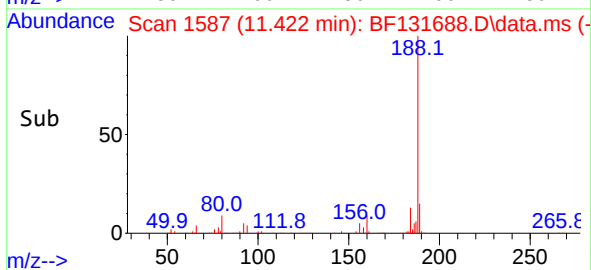
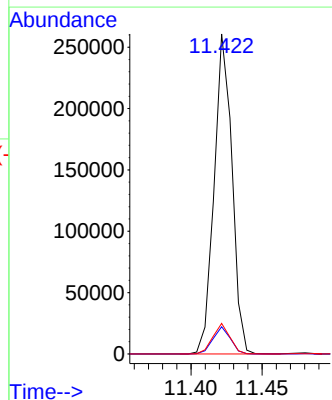
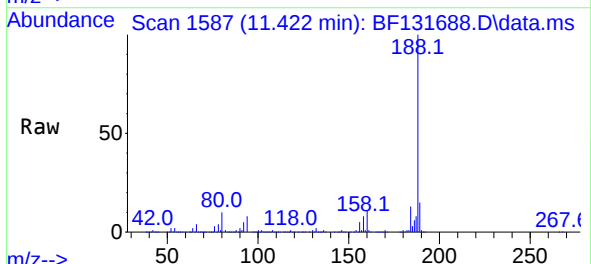
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

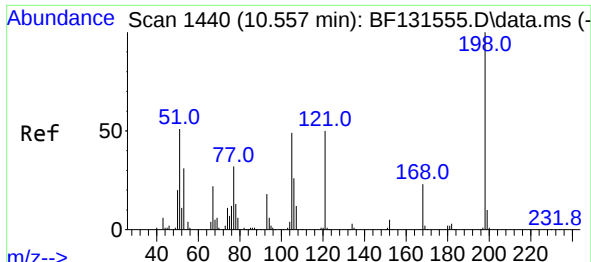
Tgt	Ion: 77	Resp:	521324
Ion	Ratio	Lower	Upper
77	100		
182	22.4	3.9	43.9
105	19.0	0.0	38.3
51	29.9	13.0	53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:188	Resp: 228142
Ion Ratio	Lower Upper
188 100	
94 8.5	5.5 8.3#
80 9.5	6.6 10.0

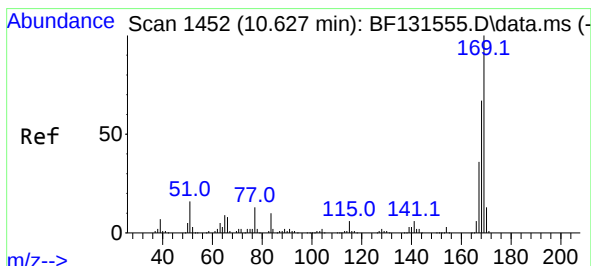
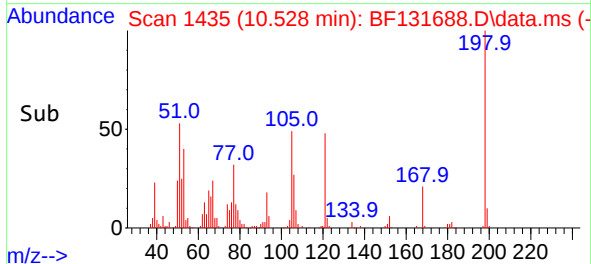
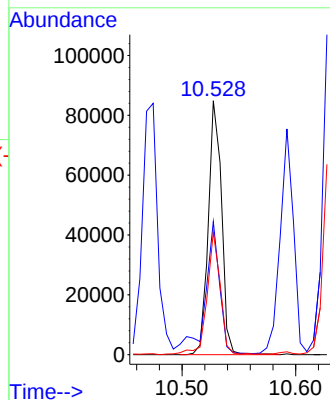
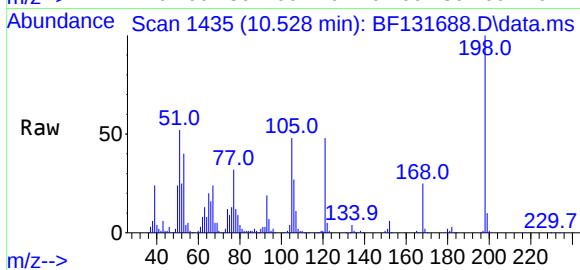




#65
4,6-Dinitro-2-methylphenol
Concen: 47.529 ng
RT: 10.528 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

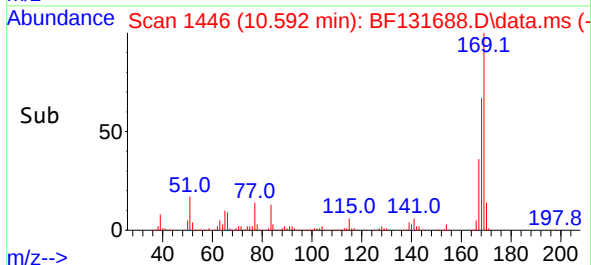
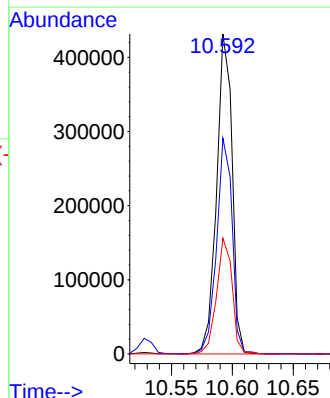
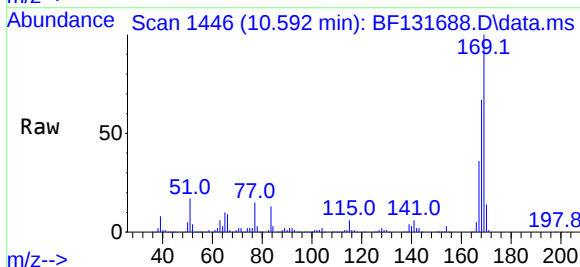
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

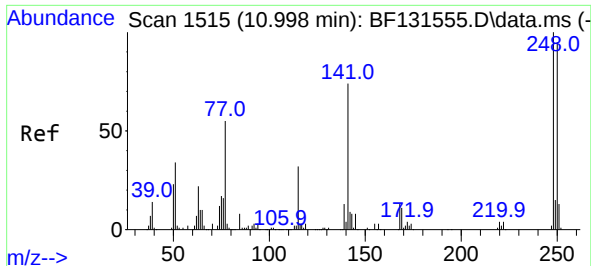
Tgt Ion:198 Resp: 68679
Ion Ratio Lower Upper
198 100
51 52.4 36.7 76.7
105 48.4 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 51.811 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

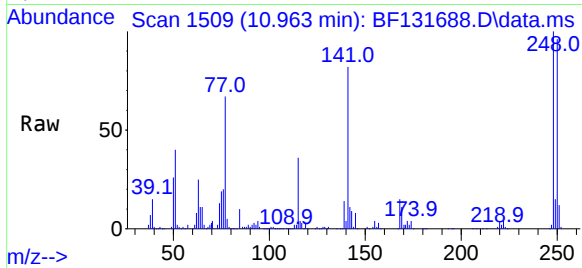
Tgt Ion:169 Resp: 382136
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.2 29.1 43.7



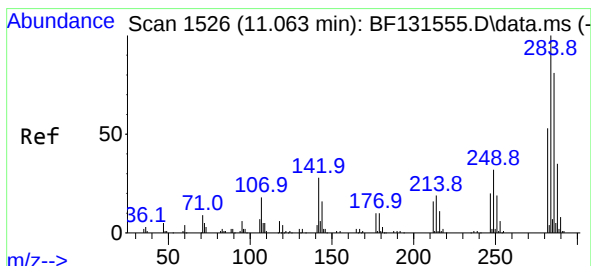
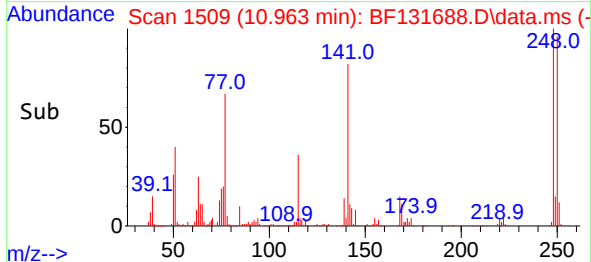
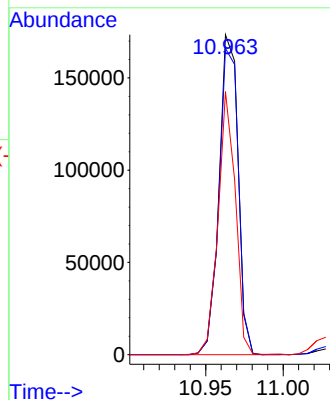


#67
4-Bromophenyl-phenylether
Concen: 50.463 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

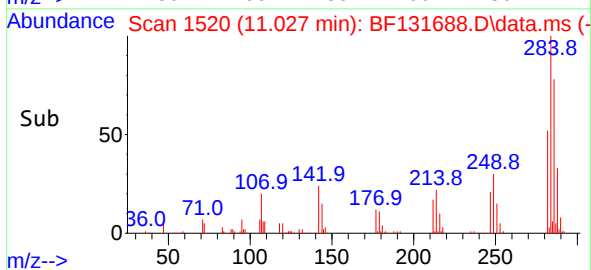
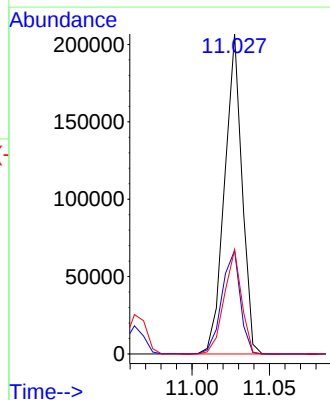
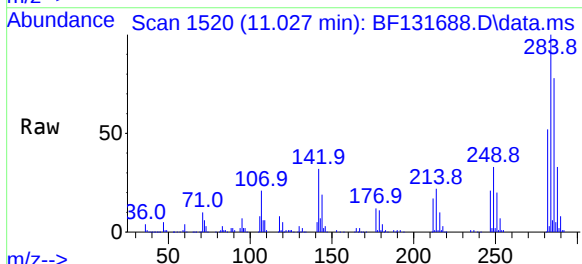


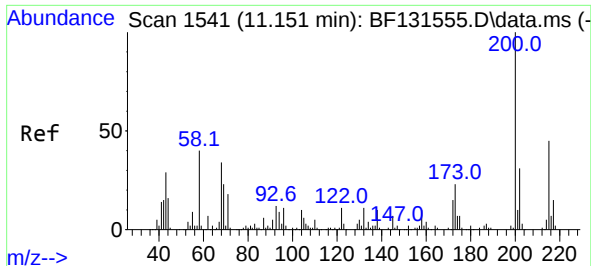
Tgt Ion:248 Resp: 148104
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.2
141 82.2 59.5 89.3



#68
Hexachlorobenzene
Concen: 50.873 ng
RT: 11.027 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:284 Resp: 161500
Ion Ratio Lower Upper
284 100
142 32.4 22.3 33.5
249 32.6 25.4 38.2

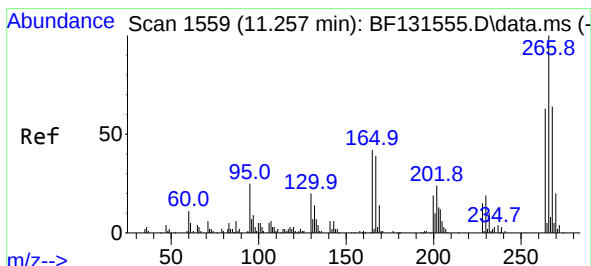
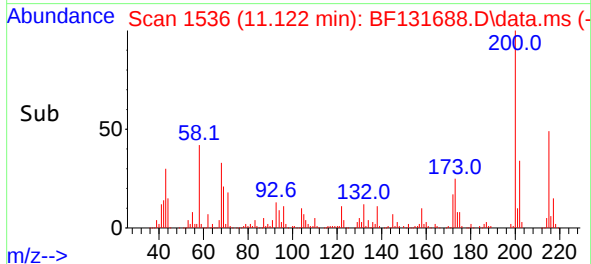
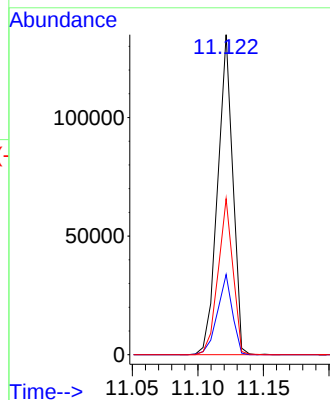
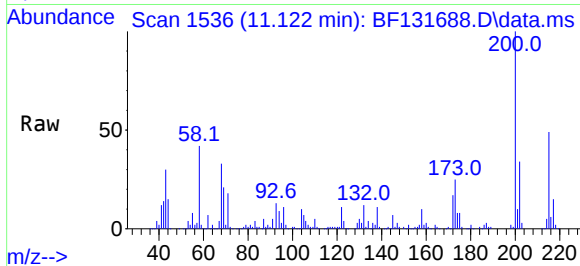




#69
Atrazine
Concen: 46.182 ng
RT: 11.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

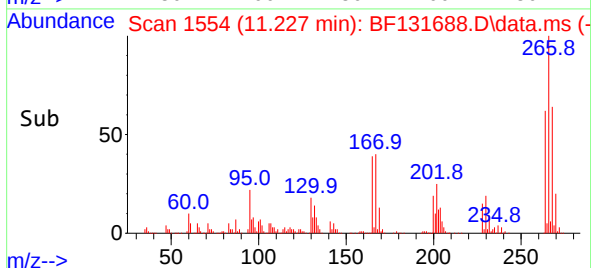
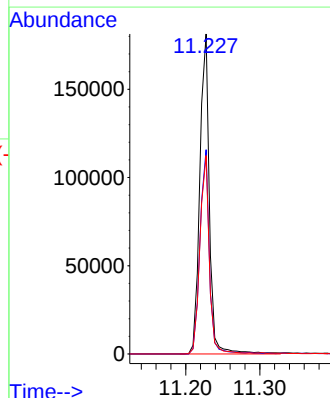
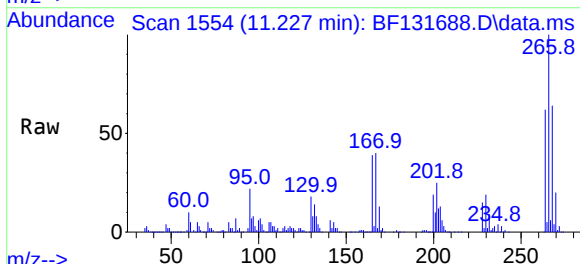
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

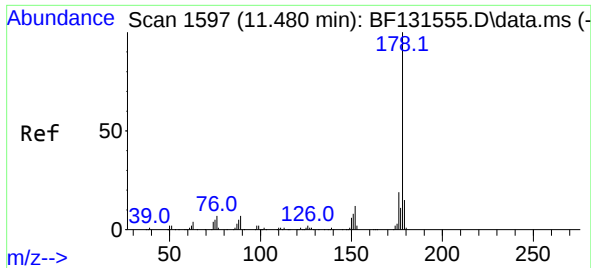
Tgt Ion:200 Resp: 108167
Ion Ratio Lower Upper
200 100
173 25.0 3.4 43.4
215 48.8 25.0 65.0



#70
Pentachlorophenol
Concen: 99.340 ng
RT: 11.227 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:266 Resp: 162350
Ion Ratio Lower Upper
266 100
268 63.8 51.5 77.3
264 62.0 50.7 76.1

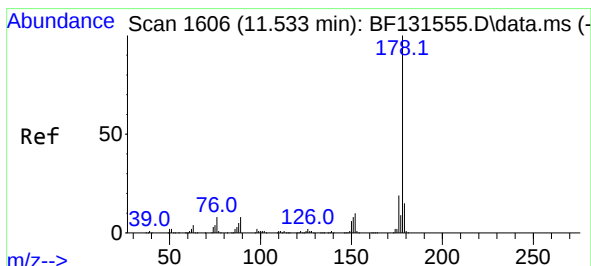
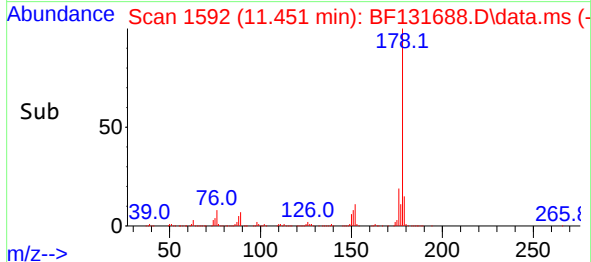
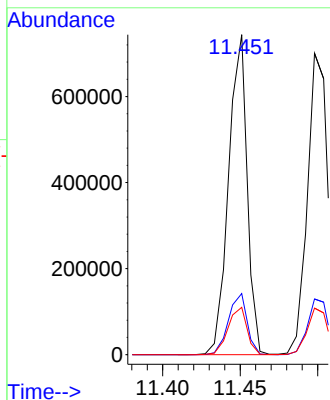
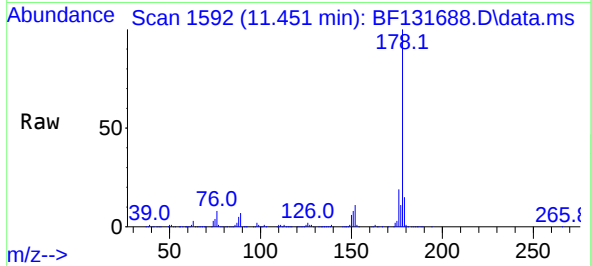




#71
Phenanthrene
Concen: 48.786 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

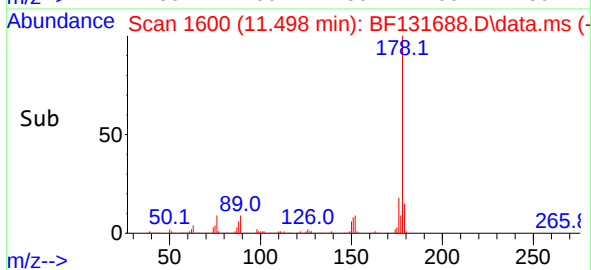
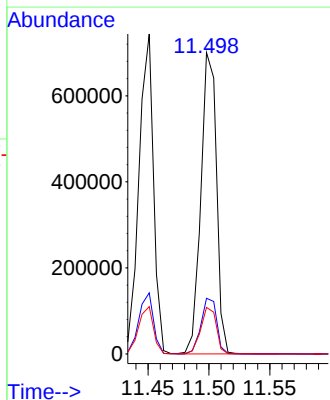
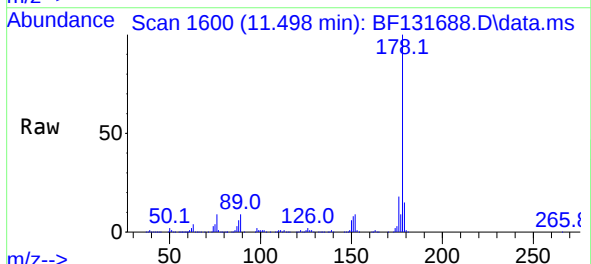
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

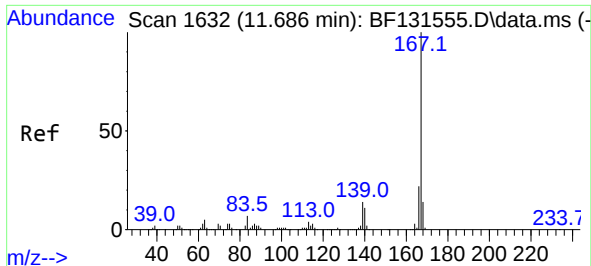
Tgt Ion:178 Resp: 620379
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.8 12.2 18.4



#72
Anthracene
Concen: 50.513 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:178 Resp: 624937
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.4 12.3 18.5



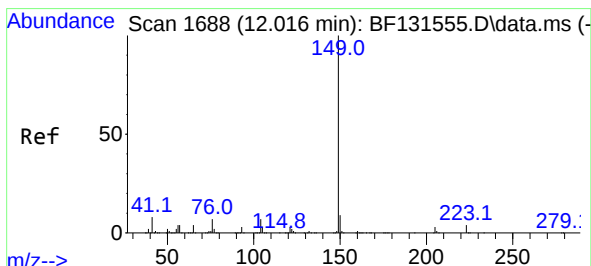
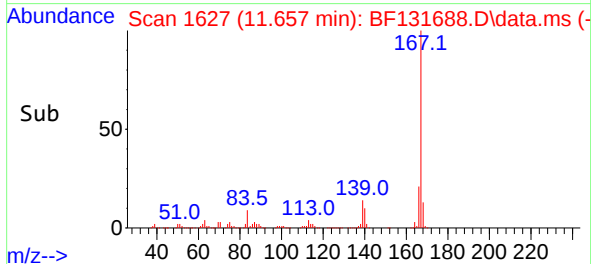
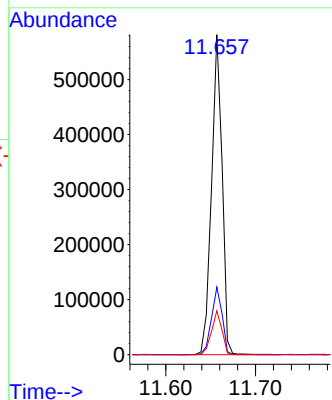
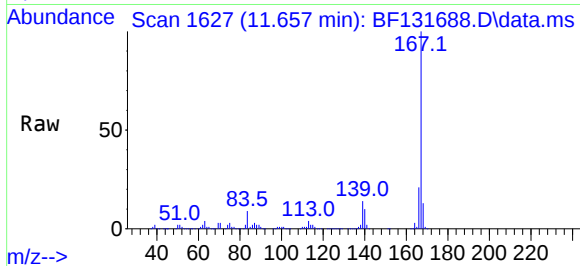


#73
 Carbazole
 Concen: 47.033 ng
 RT: 11.657 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF131688.D
 Acq: 19 Dec 2022 14:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MS

Tgt Ion:167 Resp: 474964

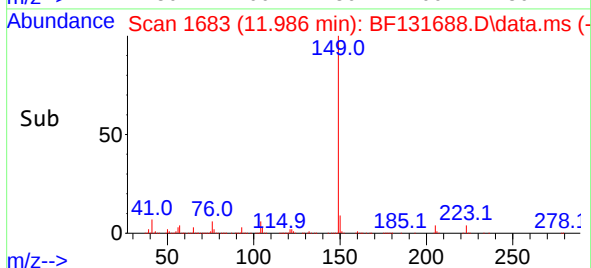
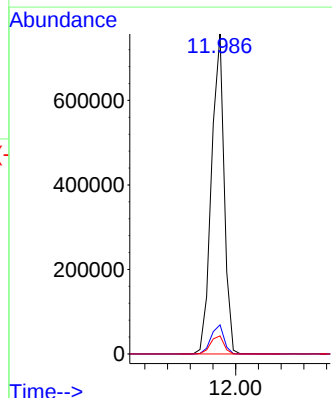
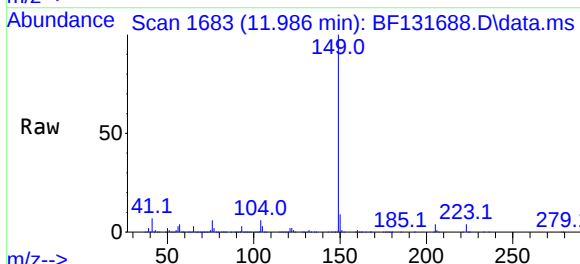
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.7	11.0	16.4

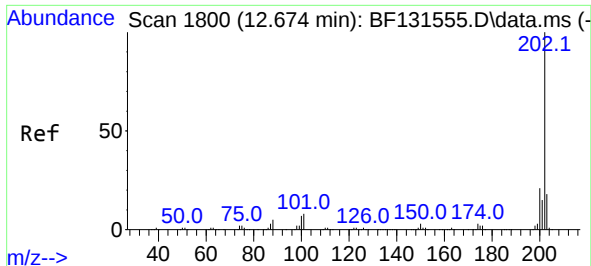


#74
 Di-n-butylphthalate
 Concen: 47.154 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.006 min
 Lab File: BF131688.D
 Acq: 19 Dec 2022 14:46

Tgt Ion:149 Resp: 584195

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.7	5.2	7.8

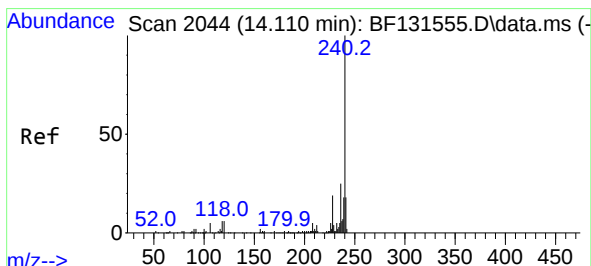
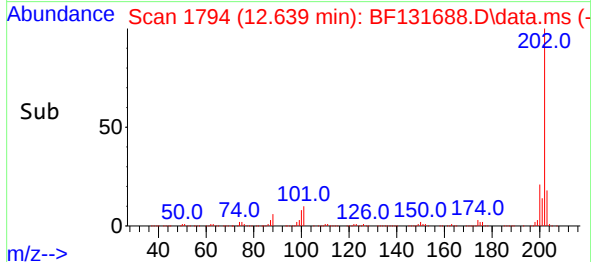
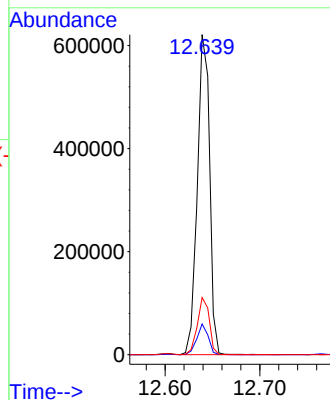
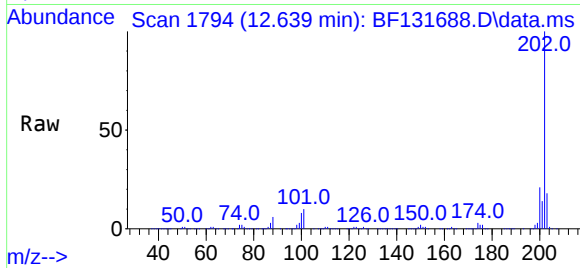




#75
Fluoranthene
Concen: 42.859 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

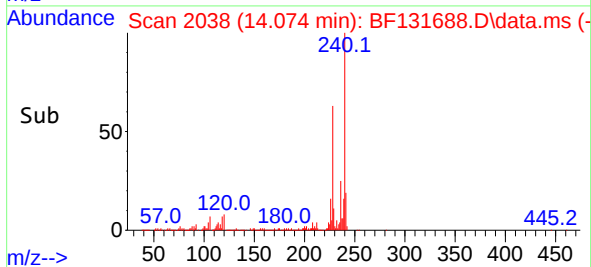
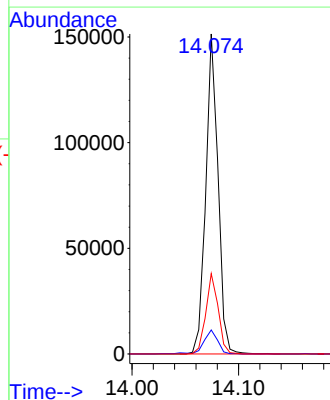
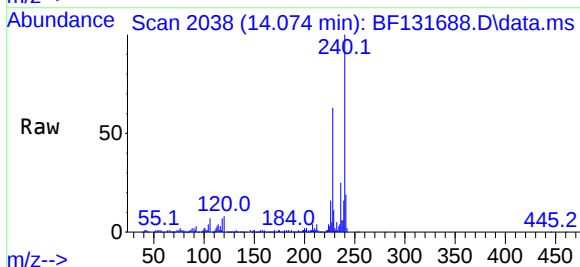
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

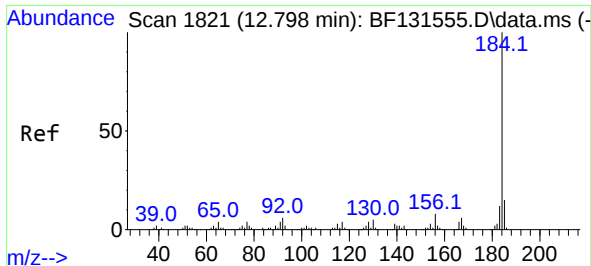
Tgt Ion:202 Resp: 561223
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:240 Resp: 121583
Ion Ratio Lower Upper
240 100
120 7.5 4.6 7.0#
236 25.1 20.2 30.2

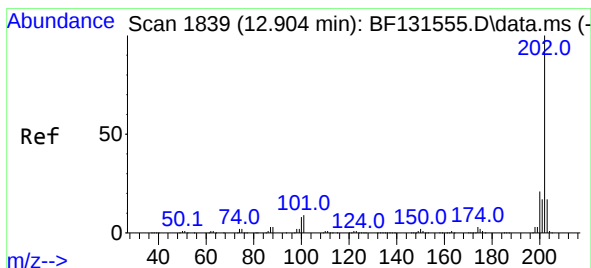
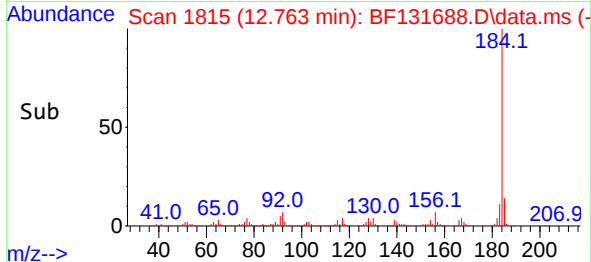
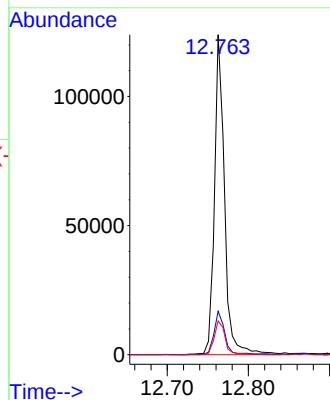
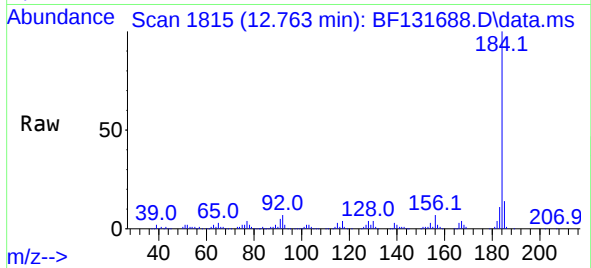




#77
Benzidine
Concen: 32.667 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

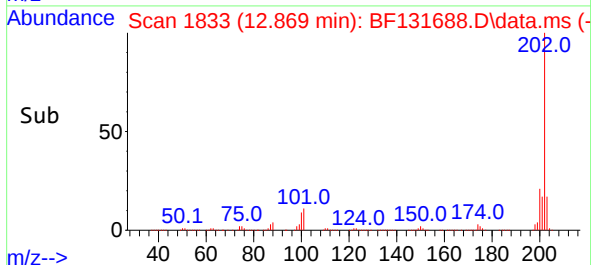
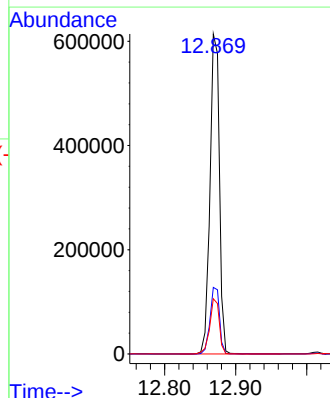
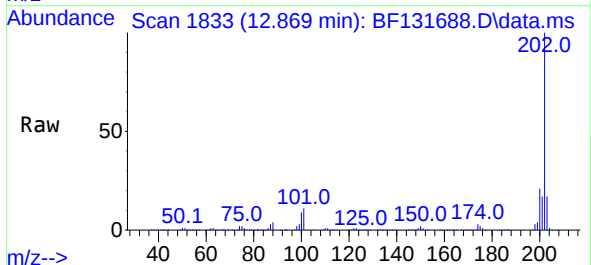
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

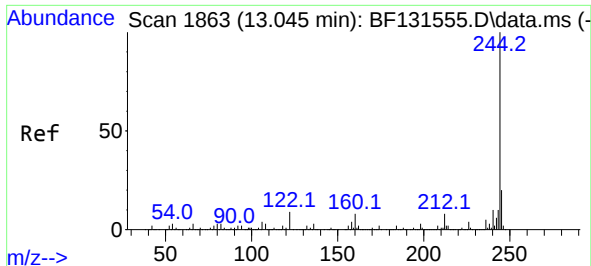
Tgt Ion:184 Resp: 106420
Ion Ratio Lower Upper
184 100
185 13.6 12.2 18.2
183 10.5 9.3 13.9



#78
Pyrene
Concen: 47.227 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:202 Resp: 566190
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.2 13.8 20.6

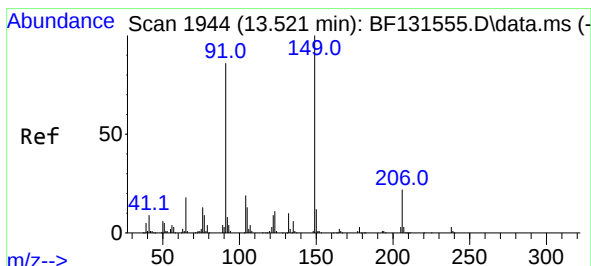
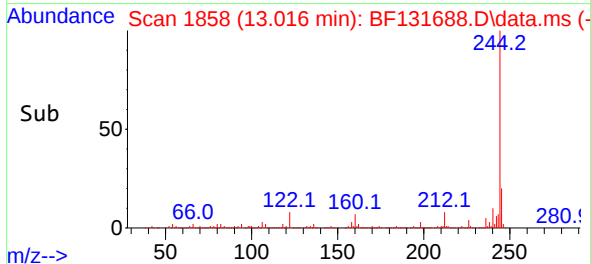
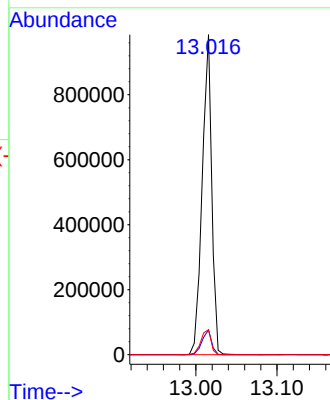
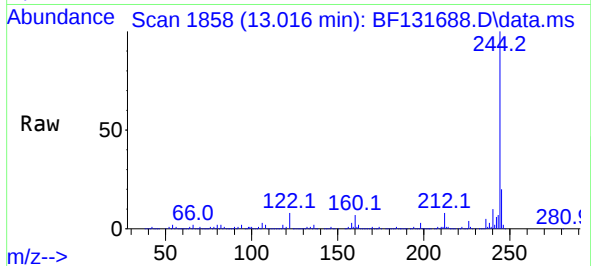




#79
 Terphenyl-d14
 Concen: 90.669 ng
 RT: 13.016 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: BF131688.D
 Acq: 19 Dec 2022 14:46

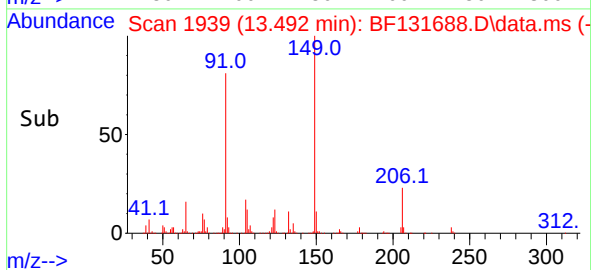
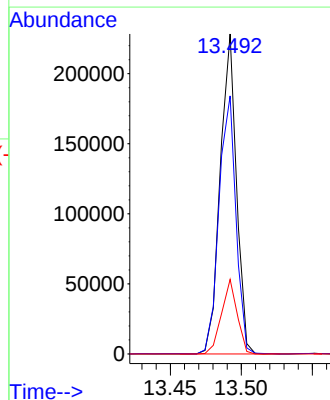
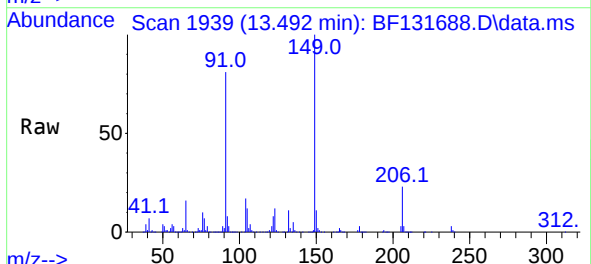
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MS

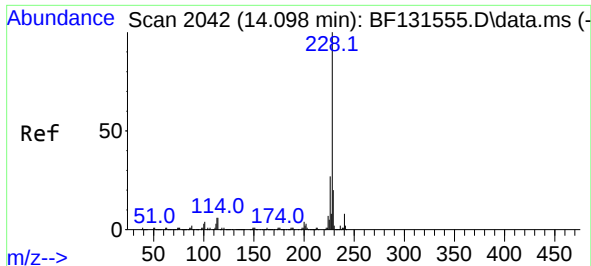
Tgt Ion:244 Resp: 803838
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.8 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 52.256 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF131688.D
 Acq: 19 Dec 2022 14:46

Tgt Ion:149 Resp: 181302
 Ion Ratio Lower Upper
 149 100
 91 80.6 69.0 103.4
 206 23.3 17.8 26.8

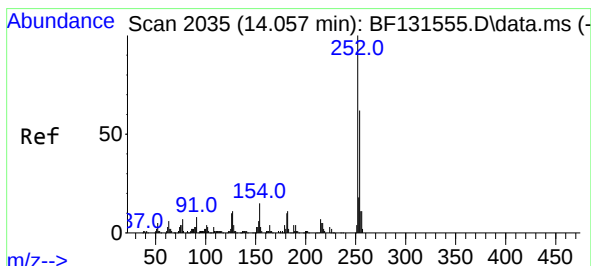
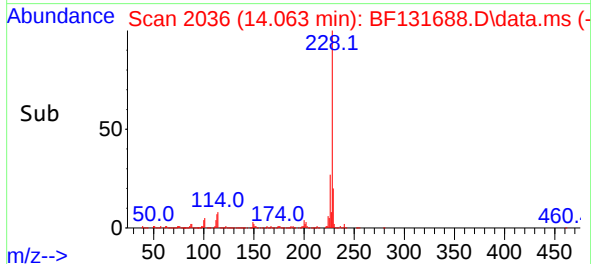
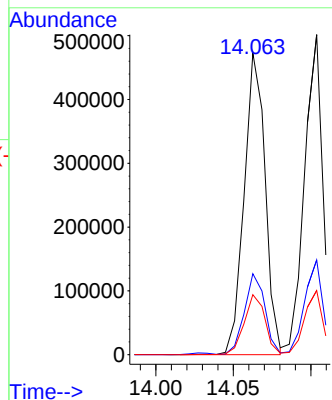
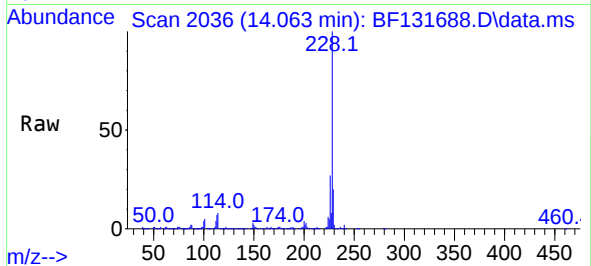




#81
Benzo(a)anthracene
Concen: 50.727 ng
RT: 14.063 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

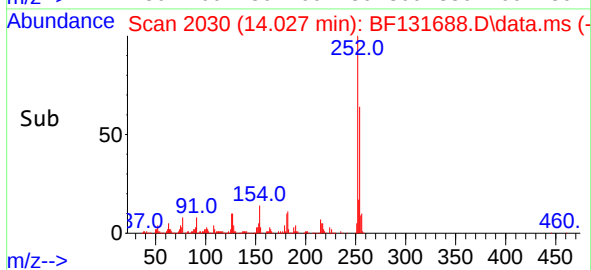
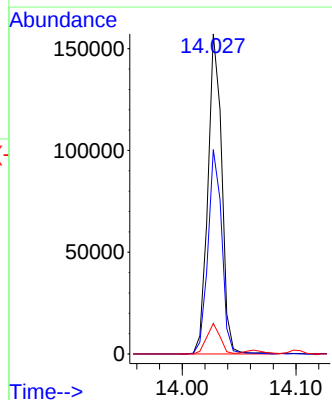
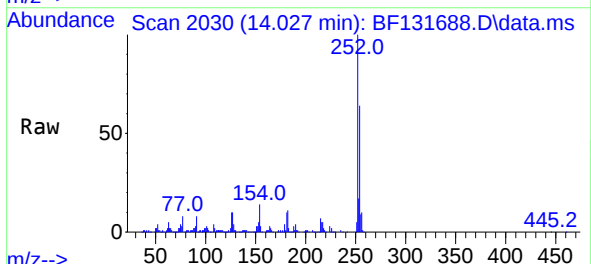
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

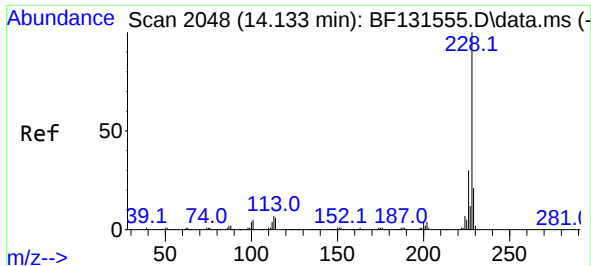
Tgt Ion:228 Resp: 445395
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 53.103 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:252 Resp: 132658
Ion Ratio Lower Upper
252 100
254 63.9 49.6 74.4
126 9.5 7.9 11.9

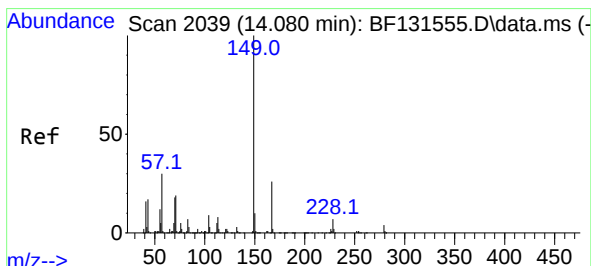
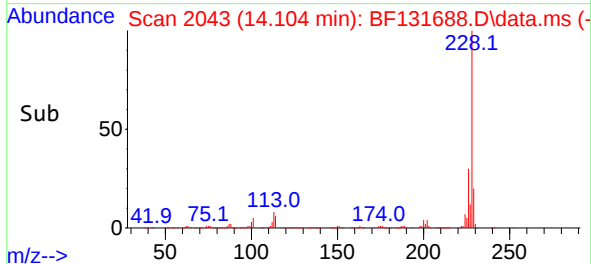
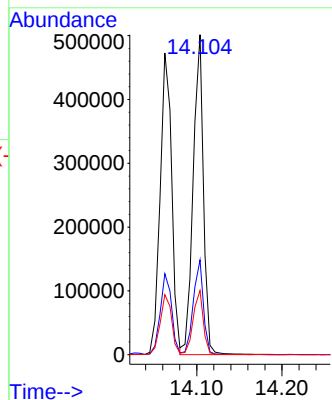
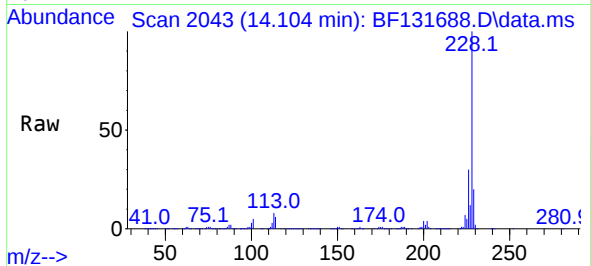




#83
Chrysene
Concen: 50.124 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

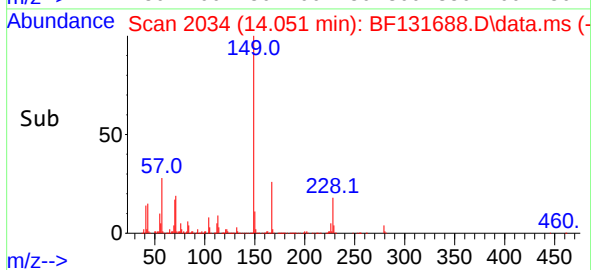
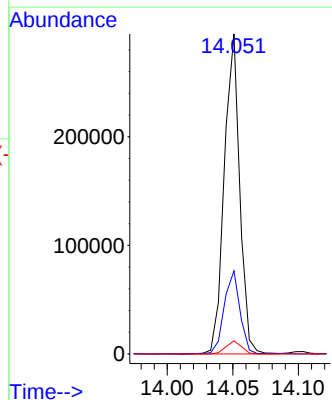
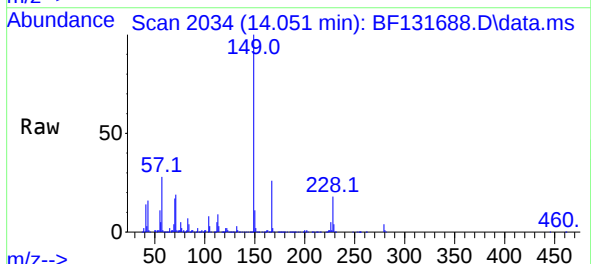
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

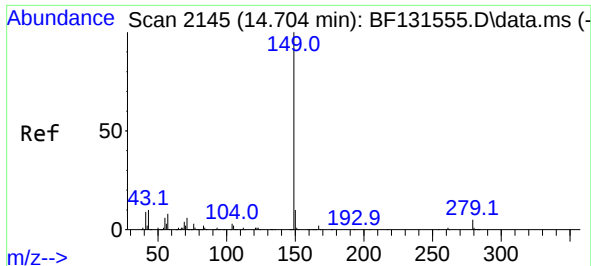
Tgt Ion:228 Resp: 418400
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 20.0 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.792 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:149 Resp: 240961
Ion Ratio Lower Upper
149 100
167 26.0 20.8 31.2
279 4.1 3.3 4.9

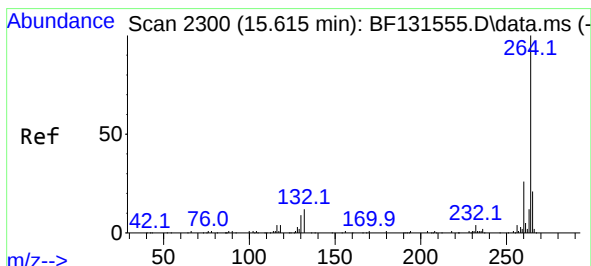
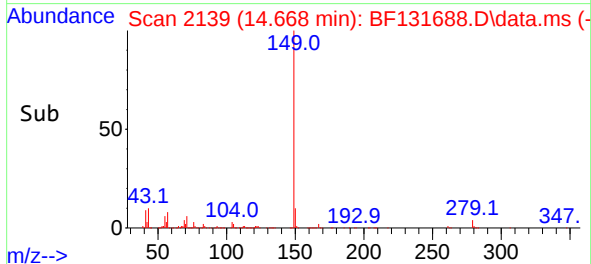
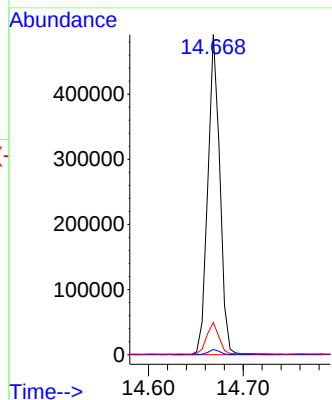
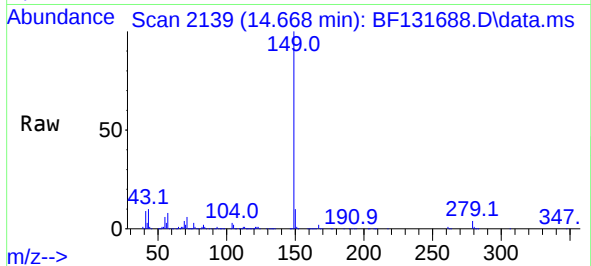




#85
Di-n-octyl phthalate
Concen: 54.871 ng
RT: 14.668 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

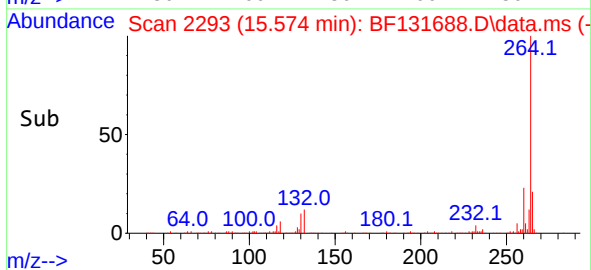
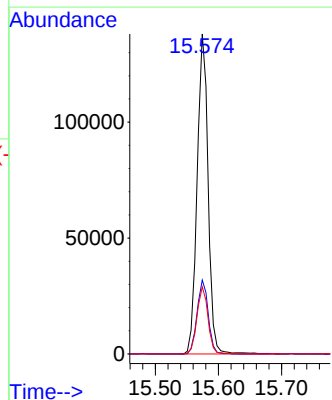
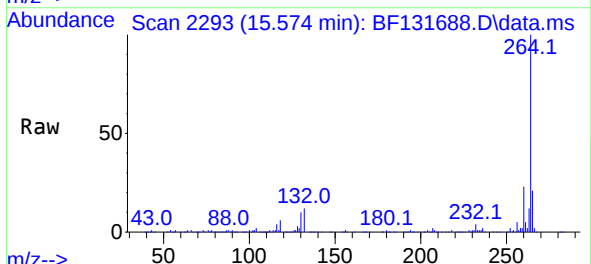
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

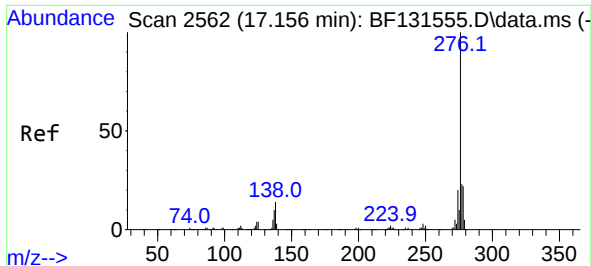
Tgt Ion:149 Resp: 431460
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:264 Resp: 166218
Ion Ratio Lower Upper
264 100
260 23.1 20.6 30.8
265 21.0 16.8 25.2

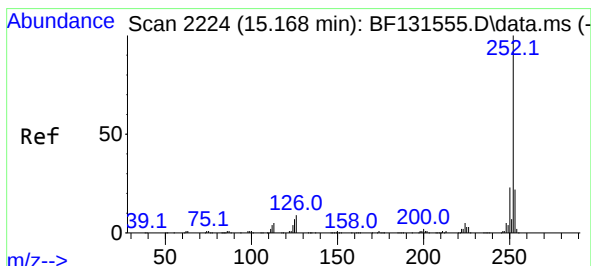
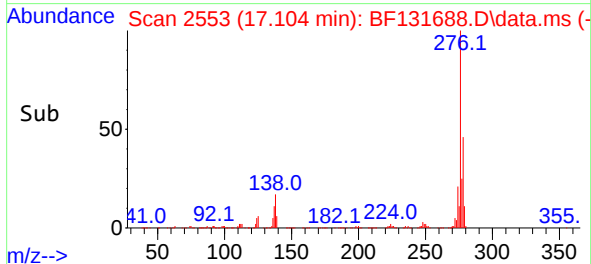
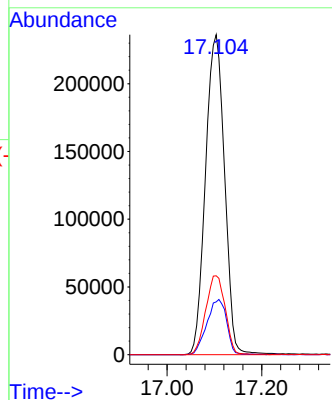
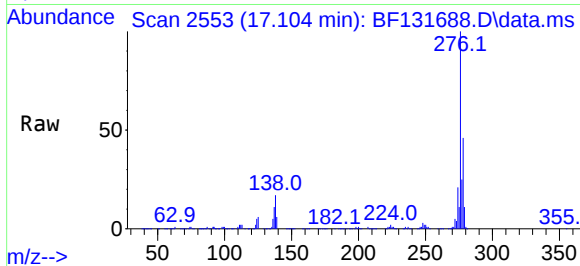




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.663 ng
RT: 17.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

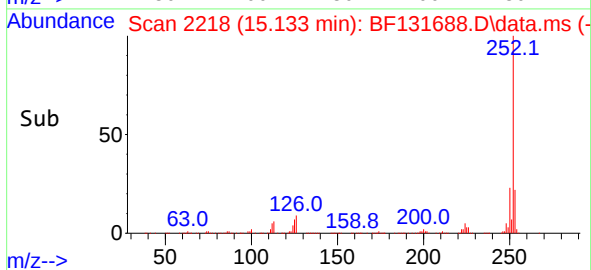
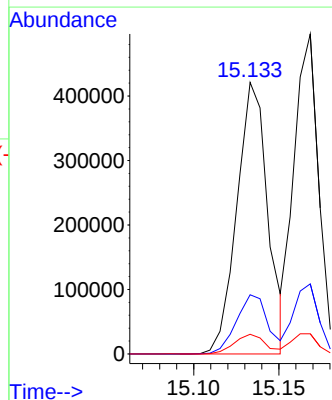
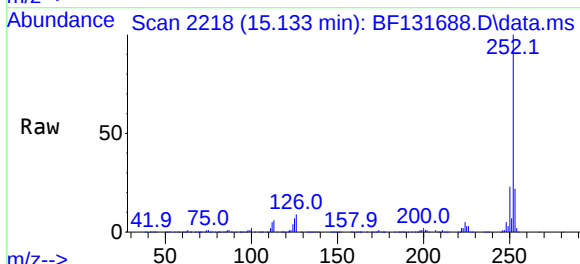
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

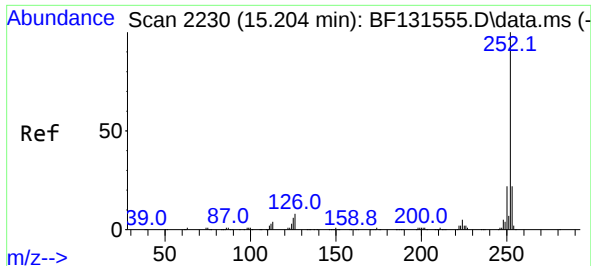
Tgt Ion:276 Resp: 660126
Ion Ratio Lower Upper
276 100
138 18.0 12.7 19.1
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 48.667 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:252 Resp: 533149
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.3 5.6 8.4

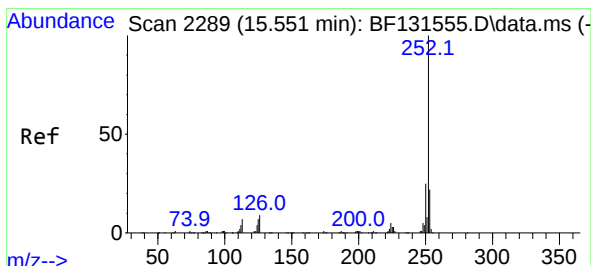
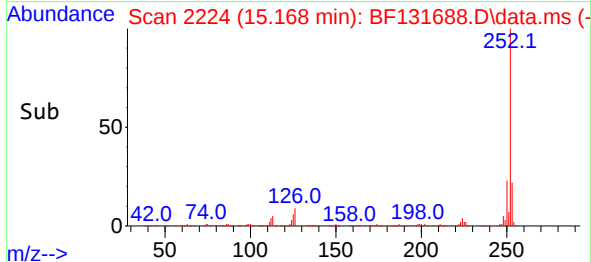
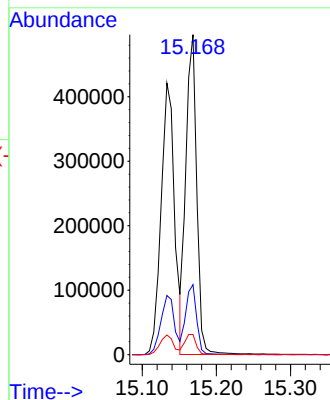
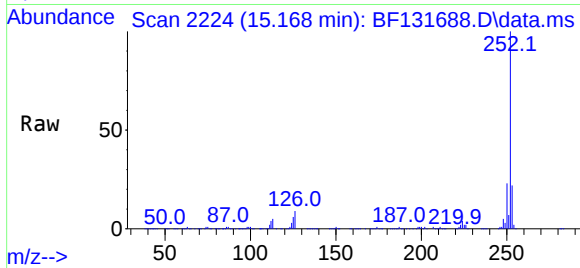




#89
Benzo(k)fluoranthene
Concen: 44.306 ng
RT: 15.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

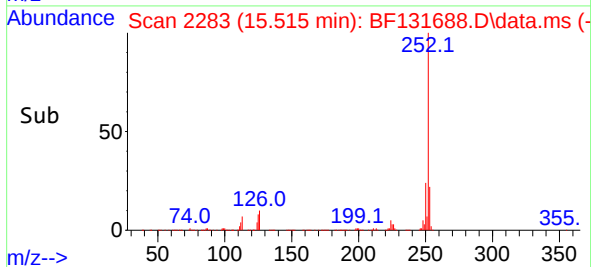
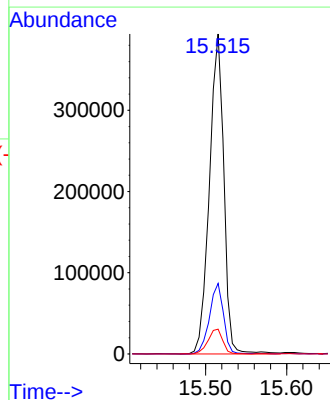
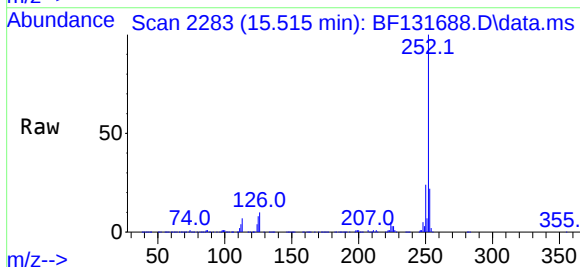
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

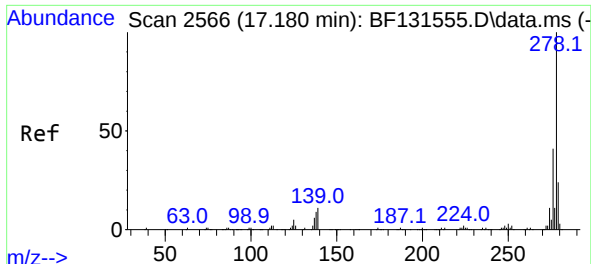
Tgt Ion:252 Resp: 506615
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.3 4.9 7.3



#90
Benzo(a)pyrene
Concen: 51.946 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:252 Resp: 485654
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.8 5.6 8.4

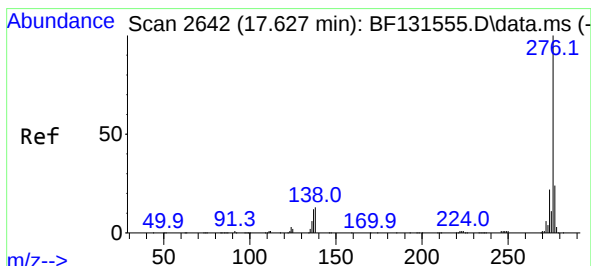
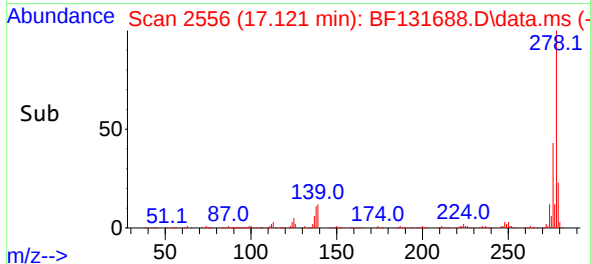
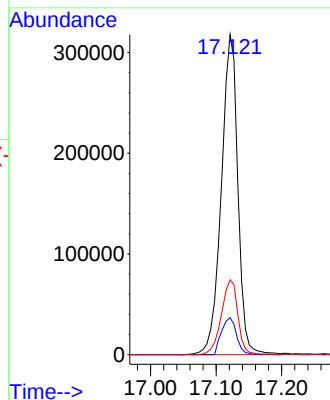
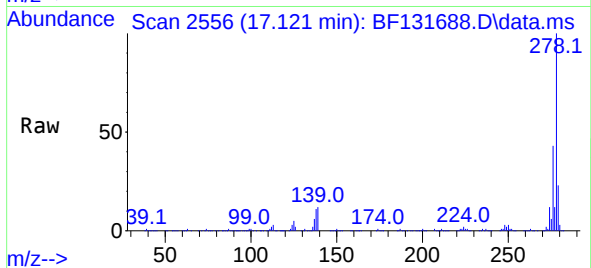




#91
Dibenzo(a,h)anthracene
Concen: 49.697 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MS

Tgt Ion:278 Resp: 554835
Ion Ratio Lower Upper
278 100
139 11.6 8.9 13.3
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.693 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.012 min
Lab File: BF131688.D
Acq: 19 Dec 2022 14:46

Tgt Ion:276 Resp: 546355
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 14.7 10.7 16.1

