

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131689.D
 Acq On : 19 Dec 2022 15:18
 Operator : CG\JU
 Sample : N6067-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MSD

Quant Time: Dec 20 01:03:45 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	78258	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	278919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	158917	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	280834	20.000	ng	0.00
76) Chrysene-d12	14.074	240	126787	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	161092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	675101	143.916	ng	0.03
7) Phenol-d6	6.516	99	834481	135.751	ng	0.01
23) Nitrobenzene-d5	7.451	82	652307	88.419	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	264723	149.932	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1128352	89.525	ng	0.00
79) Terphenyl-d14	13.016	244	1002136	108.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	95052	44.892	ng	# 80
3) Pyridine	3.534	79	220291	37.473	ng	96
4) n-Nitrosodimethylamine	3.481	42	136554	42.119	ng	# 82
6) Aniline	6.540	93	198734	27.032	ng	98
8) 2-Chlorophenol	6.663	128	249470	50.183	ng	96
9) Benzaldehyde	6.428	77	93956	22.311	ng	98
10) Phenol	6.528	94	314810	45.913	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	271471	52.817	ng	98
12) 1,3-Dichlorobenzene	6.816	146	265058	45.989	ng	98
13) 1,4-Dichlorobenzene	6.892	146	267607	46.032	ng	99
14) 1,2-Dichlorobenzene	7.045	146	258265	46.505	ng	98
15) Benzyl Alcohol	7.022	79	280216	49.723	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	335487	50.530	ng	99
17) 2-Methylphenol	7.134	107	223033	49.782	ng	96
18) Hexachloroethane	7.387	117	106712	45.503	ng	91
19) n-Nitroso-di-n-propyla...	7.298	70	222113	48.187	ng	94
20) 3+4-Methylphenols	7.292	107	279141	45.744	ng	# 77
22) Acetophenone	7.292	105	415521	47.539	ng	96
24) Nitrobenzene	7.469	77	345496	46.432	ng	94
25) Isophorone	7.704	82	613284	51.609	ng	99
26) 2-Nitrophenol	7.781	139	138774	54.690	ng	93
27) 2,4-Dimethylphenol	7.822	122	228616	58.781	ng	93
28) bis(2-Chloroethoxy)met...	7.916	93	341090	55.486	ng	99
29) 2,4-Dichlorophenol	8.028	162	233423	48.539	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	267247	45.316	ng	99
31) Naphthalene	8.187	128	751324	47.826	ng	100
32) Benzoic acid	7.951	122	144915	51.449	ng	98
33) 4-Chloroaniline	8.239	127	75012	12.739	ng	97
34) Hexachlorobutadiene	8.298	225	175050	42.116	ng	97
35) Caprolactam	8.616	113	32585	26.194	ng	96
36) 4-Chloro-3-methylphenol	8.728	107	262472	48.605	ng	96
37) 2-Methylnaphthalene	8.881	142	509724	47.444	ng	100
38) 1-Methylnaphthalene	8.981	142	466337	45.216	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	287937	48.946	ng	98
41) Hexachlorocyclopentadiene	9.034	237	341821	114.477	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	183047	50.306	ng	99

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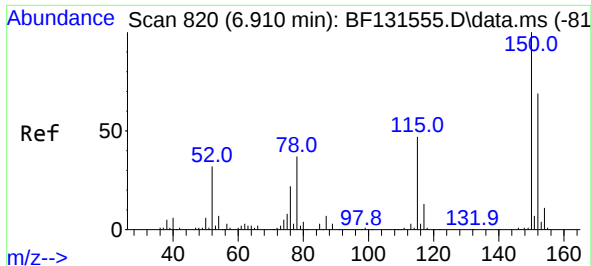
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	195531	49.967	ng	# 94
46) 1,1'-Biphenyl	9.351	154	632260	50.320	ng	99
47) 2-Chloronaphthalene	9.375	162	508771	49.699	ng	100
48) 2-Nitroaniline	9.475	65	171222	47.215	ng	92
49) Acenaphthylene	9.792	152	752809	50.083	ng	100
50) Dimethylphthalate	9.657	163	593208	48.967	ng	99
51) 2,6-Dinitrotoluene	9.722	165	130541	52.196	ng	# 71
52) Acenaphthene	9.963	154	450023	44.692	ng	97
53) 3-Nitroaniline	9.886	138	71287	29.708	ng	98
54) 2,4-Dinitrophenol	9.998	184	130342	90.475	ng	94
55) Dibenzofuran	10.139	168	686090	48.222	ng	98
56) 4-Nitrophenol	10.057	139	151483	90.873	ng	# 81
57) 2,4-Dinitrotoluene	10.128	165	169224	51.007	ng	92
58) Fluorene	10.480	166	538692	46.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	157298	47.469	ng	98
60) Diethylphthalate	10.357	149	552027	47.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	295512	46.232	ng	96
62) 4-Nitroaniline	10.510	138	106978	44.989	ng	87
63) Azobenzene	10.633	77	612959	46.228	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	87288	49.073	ng	83
66) n-Nitrosodiphenylamine	10.598	169	455757	50.198	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	175340	48.534	ng	93
68) Hexachlorobenzene	11.028	284	189101	48.391	ng	# 92
69) Atrazine	11.122	200	136524	47.353	ng	98
70) Pentachlorophenol	11.227	266	201977	100.399	ng	99
71) Phenanthrene	11.451	178	739478	47.241	ng	99
72) Anthracene	11.504	178	756579	49.679	ng	100
73) Carbazole	11.657	167	593533	47.747	ng	100
74) Di-n-butylphthalate	11.986	149	739887	48.516	ng	99
75) Fluoranthene	12.645	202	698877	43.358	ng	99
77) Benzidine	12.763	184	94903	27.936	ng	99
78) Pyrene	12.874	202	684515	54.753	ng	100
80) Butylbenzylphthalate	13.492	149	210902	58.293	ng	94
81) Benzo(a)anthracene	14.063	228	468083	51.123	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	128499	49.327	ng	98
83) Chrysene	14.104	228	447625	51.424	ng	98
84) Bis(2-ethylhexyl)phtha...	14.051	149	258410	52.148	ng	97
85) Di-n-octyl phthalate	14.668	149	414825	50.997	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	655441	49.856	ng	98
88) Benzo(b)fluoranthene	15.133	252	519581	48.937	ng	99
89) Benzo(k)fluoranthene	15.168	252	485297	43.792	ng	98
90) Benzo(a)pyrene	15.515	252	470528	51.930	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	543332	50.215	ng	100
92) Benzo(g,h,i)perylene	17.562	276	542957	49.930	ng	# 97

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

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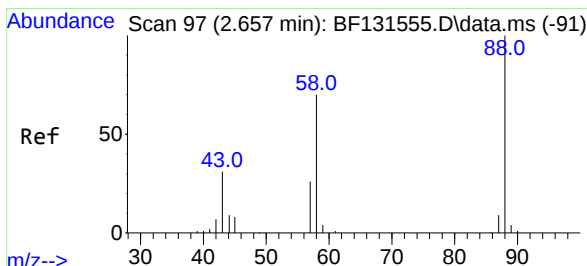
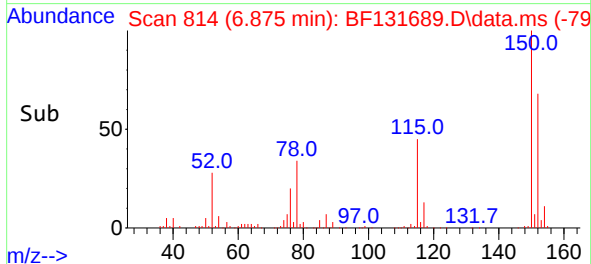
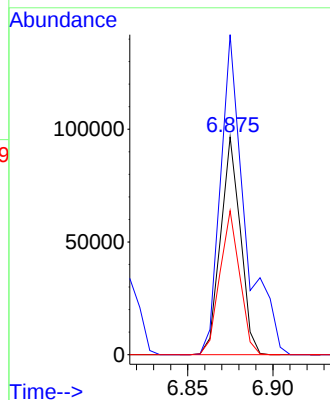
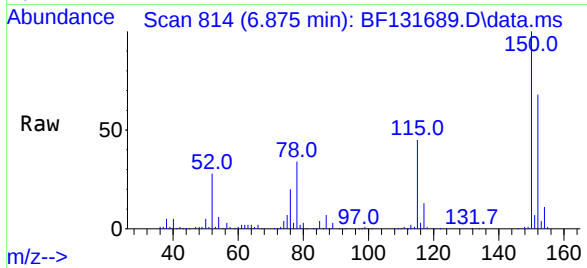




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
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Acq: 19 Dec 2022 15:18

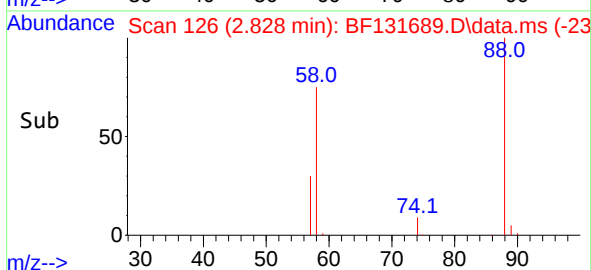
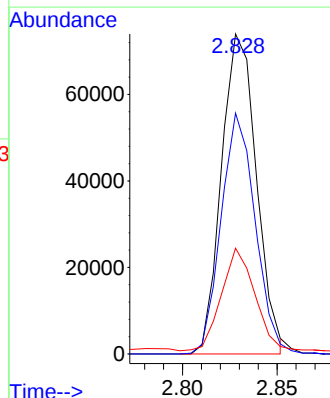
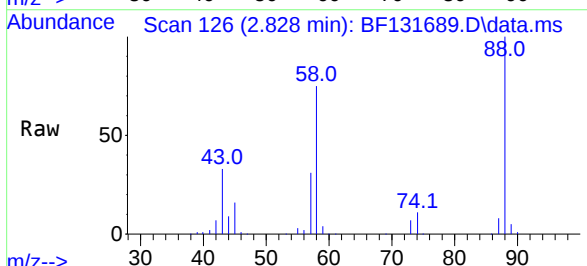
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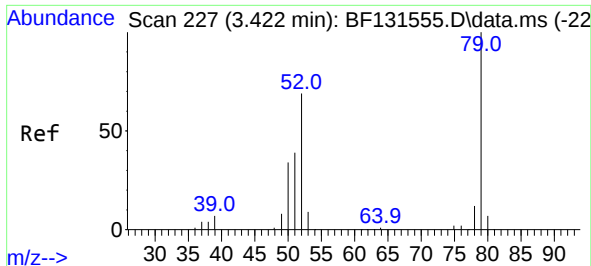
Tgt Ion:152 Resp: 78258
Ion Ratio Lower Upper
152 100
150 146.9 116.7 175.1
115 66.1 54.6 82.0



#2
1,4-Dioxane
Concen: 44.892 ng
RT: 2.828 min Scan# 126
Delta R.T. 0.253 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 88 Resp: 95052
Ion Ratio Lower Upper
88 100
58 73.0 60.0 90.0
43 0.0 26.7 40.1#

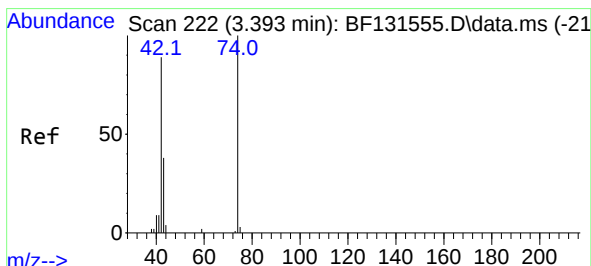
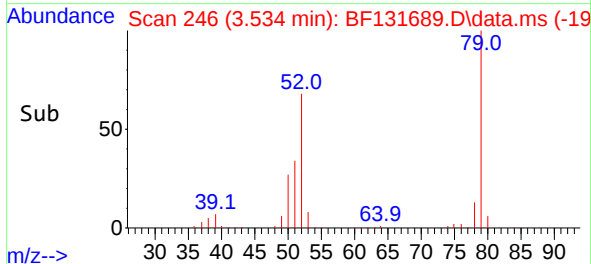
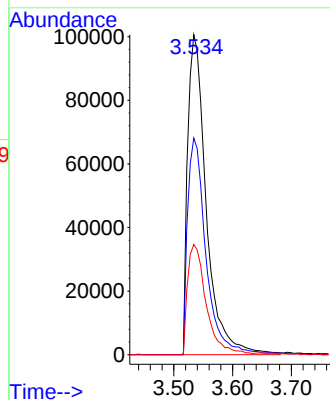
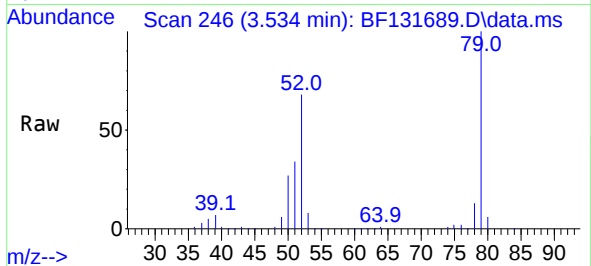




#3
Pyridine
Concen: 37.473 ng
RT: 3.534 min Scan# 246
Delta R.T. 0.200 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

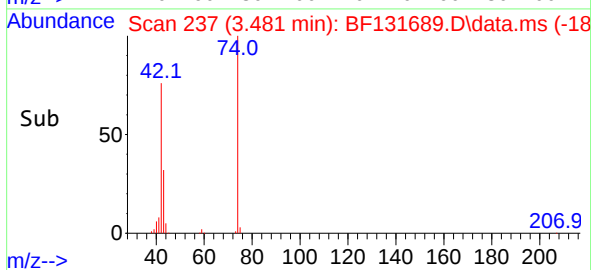
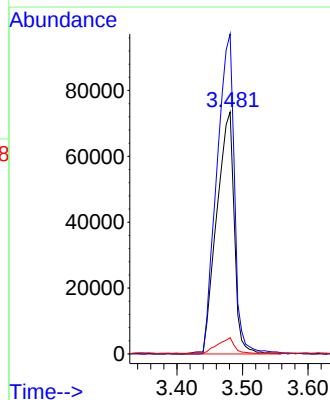
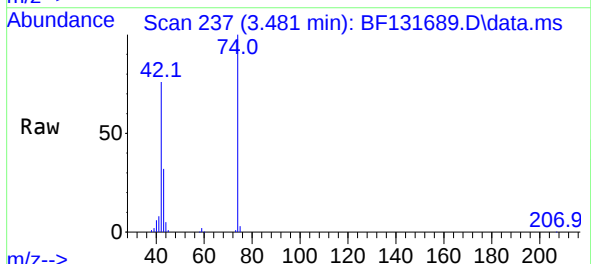
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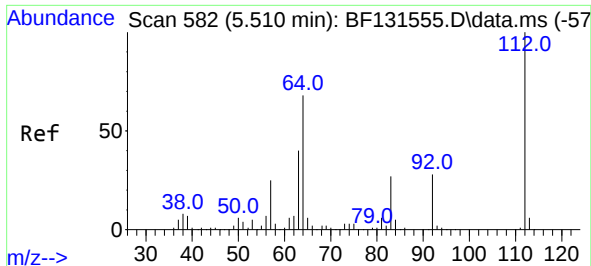
Tgt Ion: 79 Resp: 220291
Ion Ratio Lower Upper
79 100
52 67.7 55.0 82.6
51 34.5 31.4 47.2



#4
n-Nitrosodimethylamine
Concen: 42.119 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.182 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 42 Resp: 136554
Ion Ratio Lower Upper
42 100
74 132.2 90.2 135.2
44 6.7 3.7 5.5

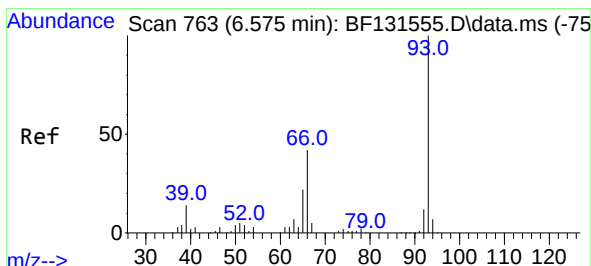
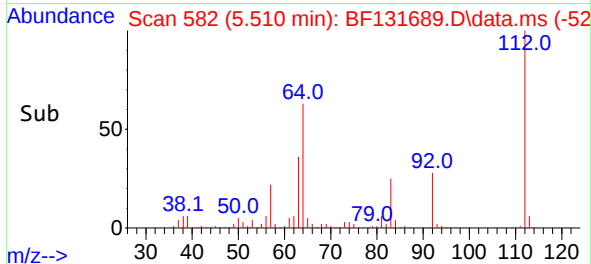
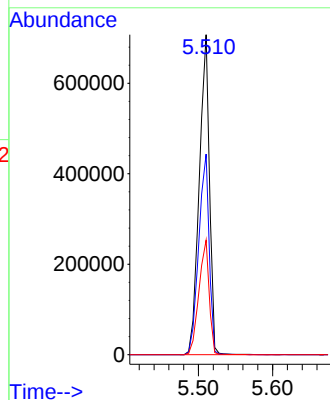
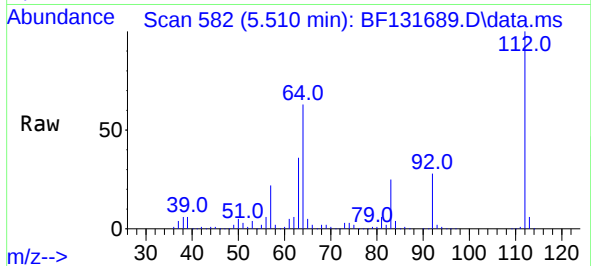




#5
2-Fluorophenol
Concen: 143.916 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

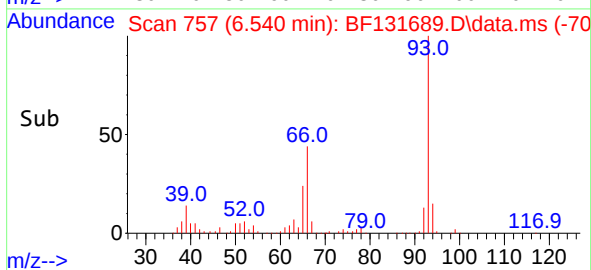
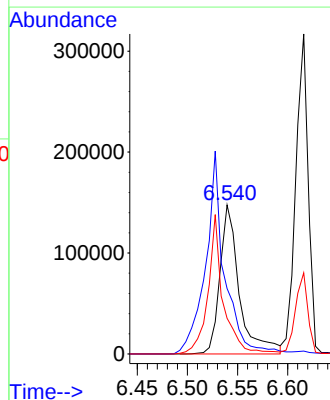
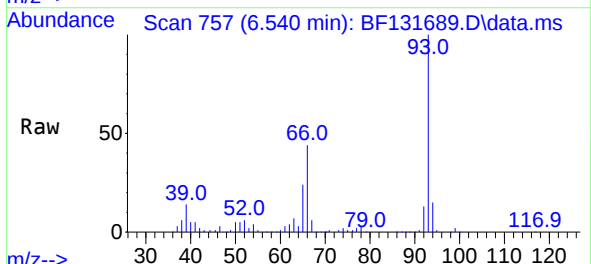
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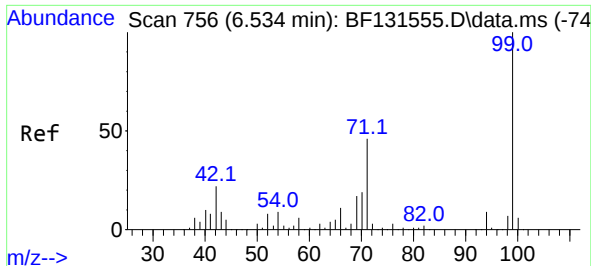
Tgt Ion:112 Resp: 675101
Ion Ratio Lower Upper
112 100
64 62.7 54.5 81.7
63 35.8 31.9 47.9



#6
Aniline
Concen: 27.032 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 93 Resp: 198734
Ion Ratio Lower Upper
93 100
66 44.0 34.6 51.8
65 24.0 17.7 26.5

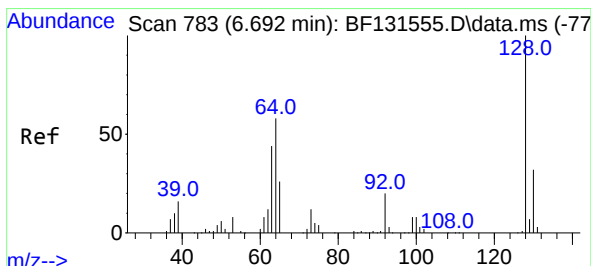
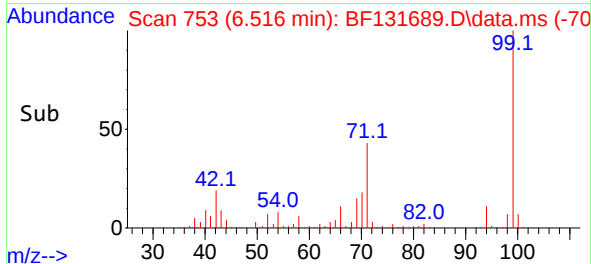
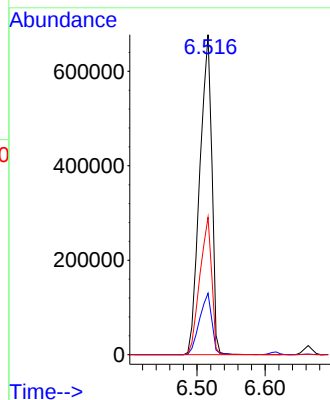
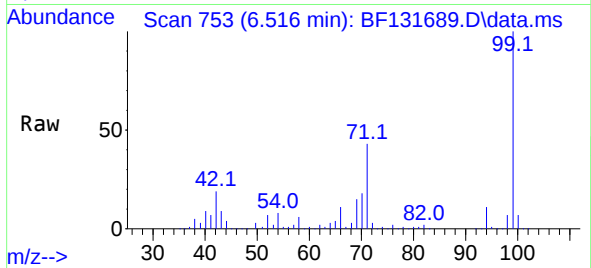




#7
Phenol-d6
Concen: 135.751 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

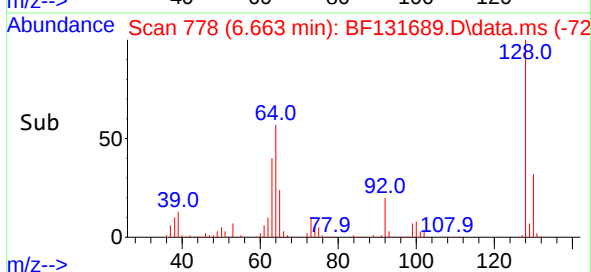
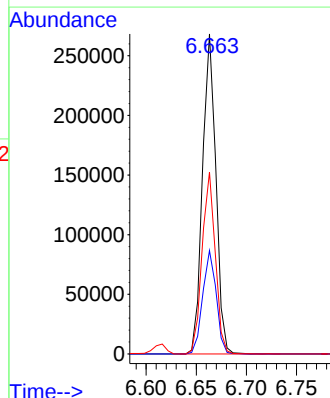
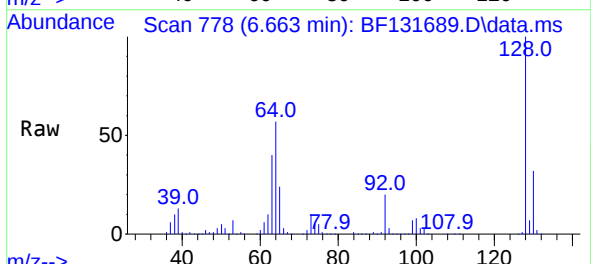
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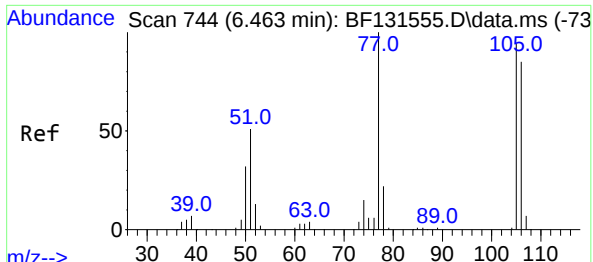
Tgt Ion: 99 Resp: 834481
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 42.9 37.2 55.8



#8
2-Chlorophenol
Concen: 50.183 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:128 Resp: 249470
Ion Ratio Lower Upper
128 100
130 32.3 11.6 51.6
64 56.9 40.6 80.6

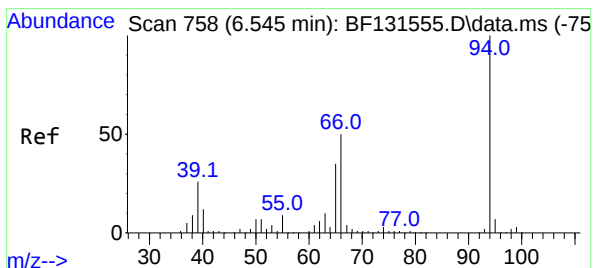
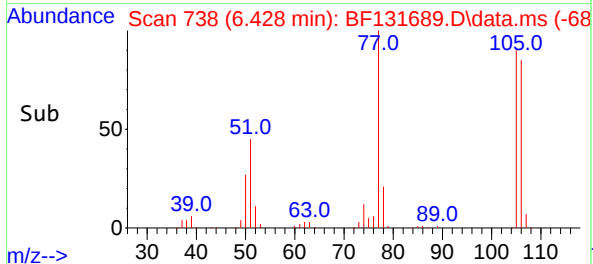
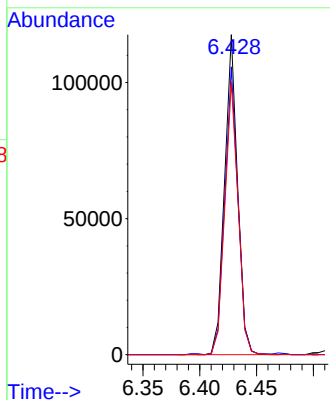
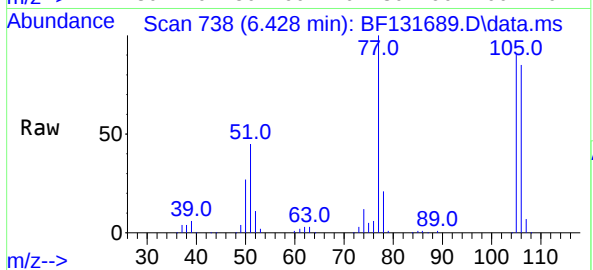




#9
Benzaldehyde
Concen: 22.311 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

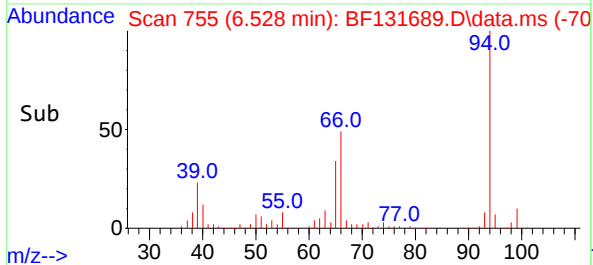
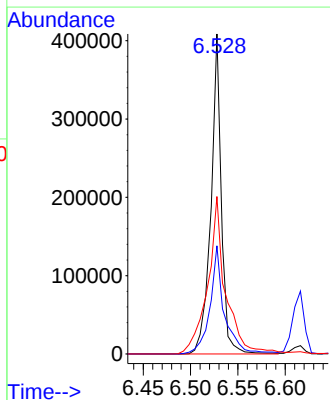
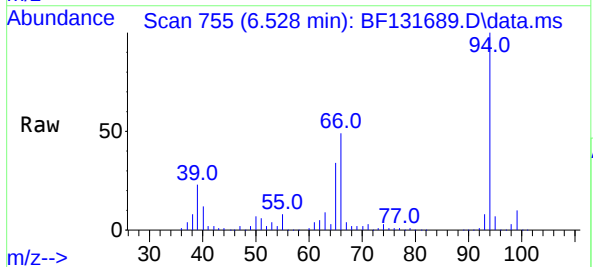
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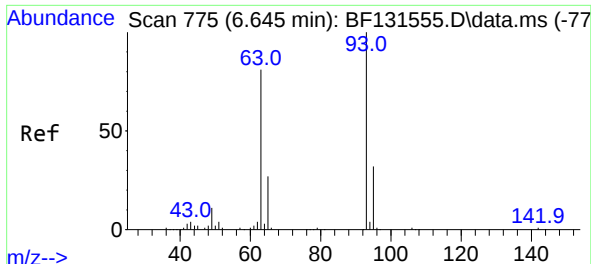
Tgt Ion: 77 Resp: 93956
Ion Ratio Lower Upper
77 100
105 90.0 73.8 113.8
106 85.3 65.2 105.2



#10
Phenol
Concen: 45.913 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 94 Resp: 314810
Ion Ratio Lower Upper
94 100
65 33.8 14.8 54.8
66 49.2 30.8 70.8



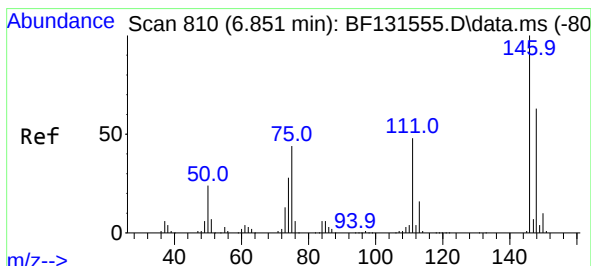
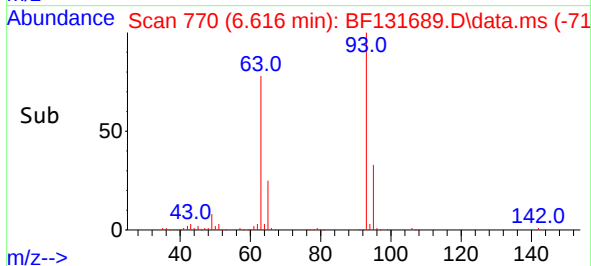
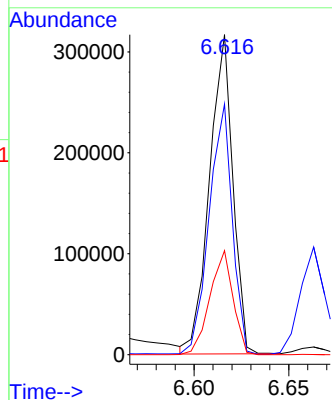
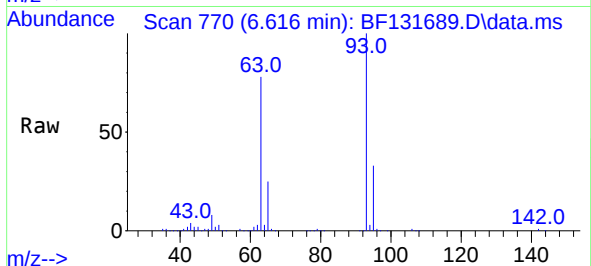


#11
bis(2-Chloroethyl)ether
Concen: 52.817 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion: 93 Resp: 271471

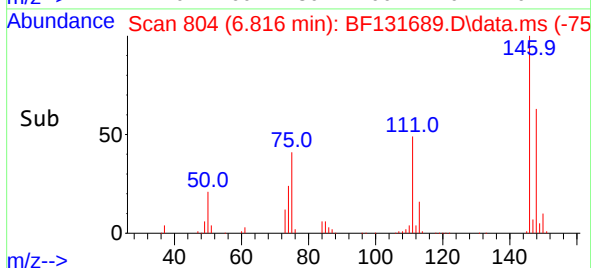
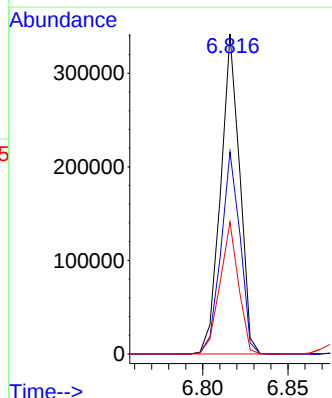
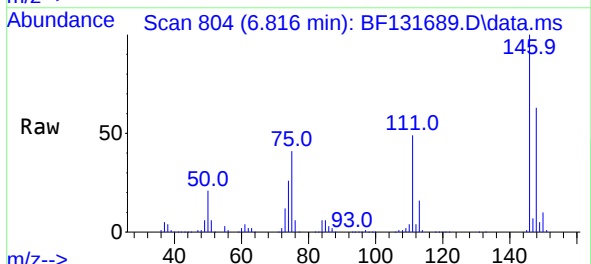
Ion	Ratio	Lower	Upper
93	100		
63	78.3	60.4	100.4
95	32.5	12.3	52.3

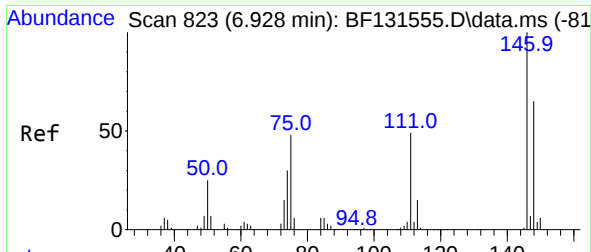


#12
1,3-Dichlorobenzene
Concen: 45.989 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 146 Resp: 265058

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
75	41.3	35.1	52.7





#13

1,4-Dichlorobenzene

Concen: 46.032 ng

RT: 6.892 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

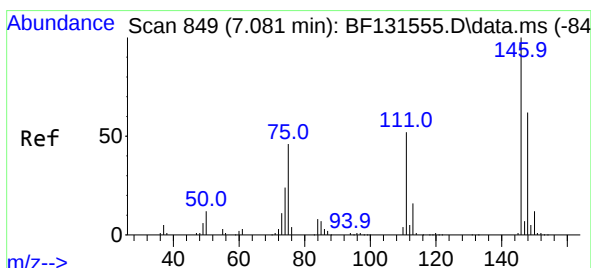
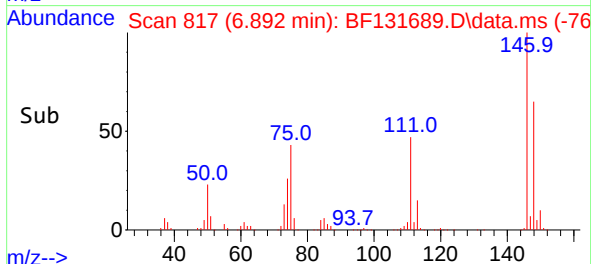
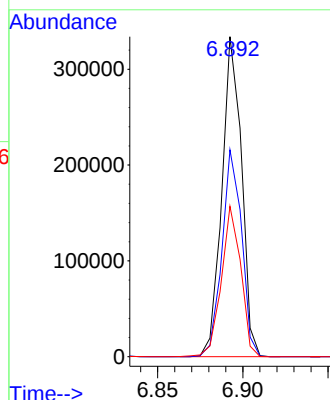
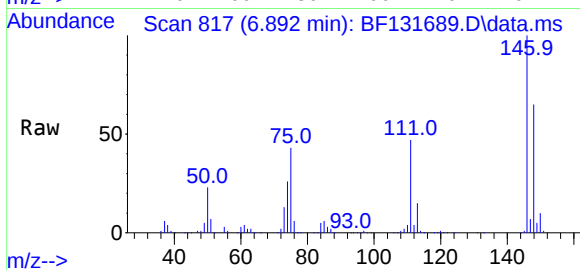
Tgt Ion:146 Resp: 267607

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 47.0 38.9 58.3



#14

1,2-Dichlorobenzene

Concen: 46.505 ng

RT: 7.045 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

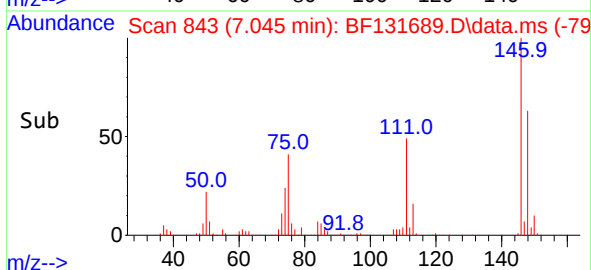
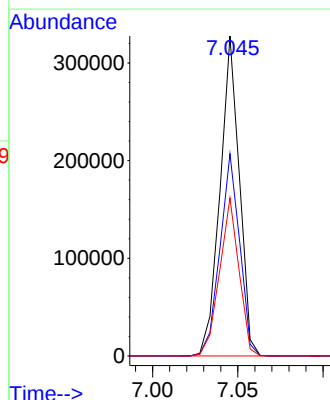
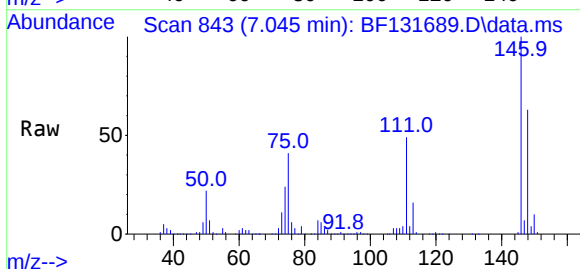
Tgt Ion:146 Resp: 258265

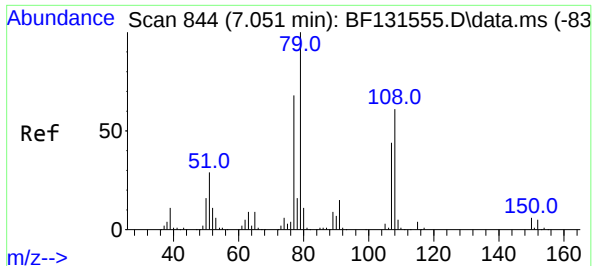
Ion Ratio Lower Upper

146 100

148 63.2 49.9 74.9

111 49.4 41.8 62.6

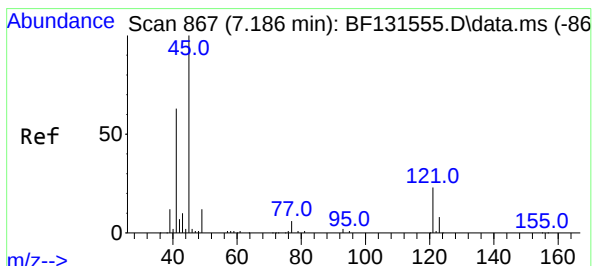
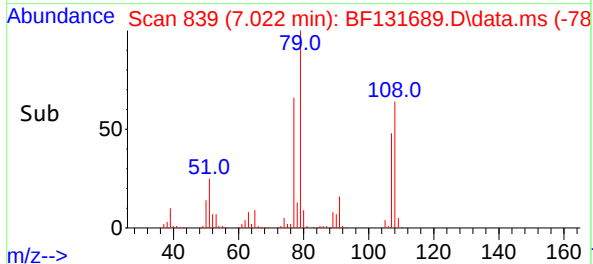
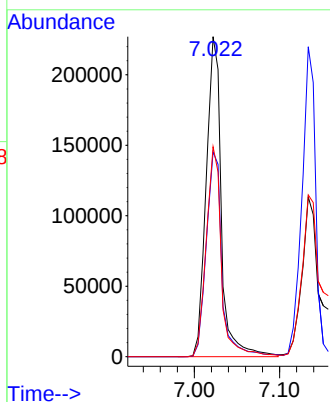
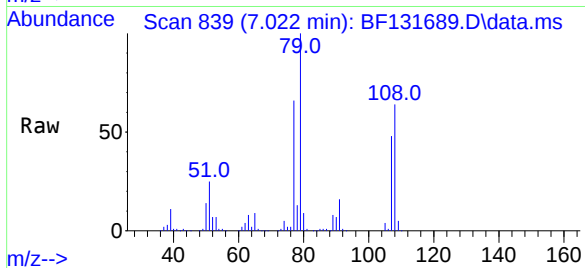




#15
Benzyl Alcohol
Concen: 49.723 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

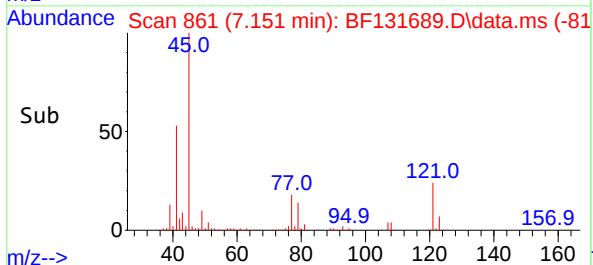
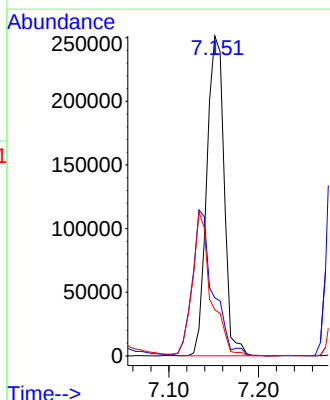
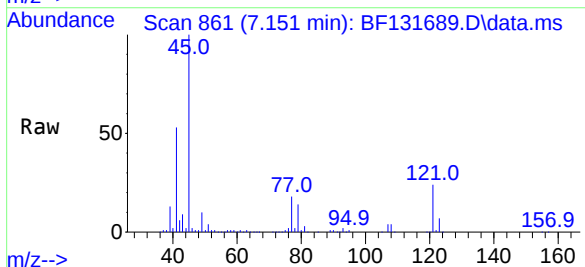
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

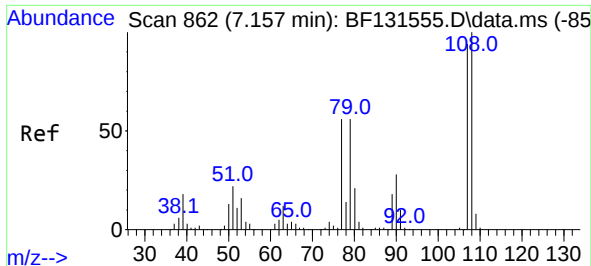
Tgt Ion: 79 Resp: 280216
Ion Ratio Lower Upper
79 100
108 64.0 49.2 73.8
77 65.6 54.5 81.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.530 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 45 Resp: 335487
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.7
79 14.3 0.0 33.6



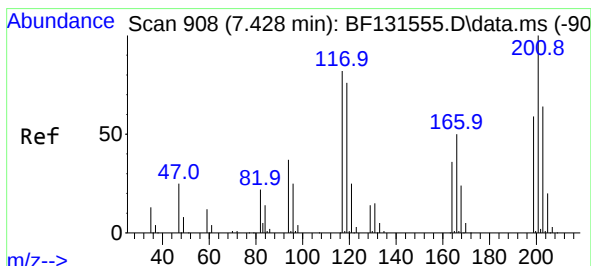
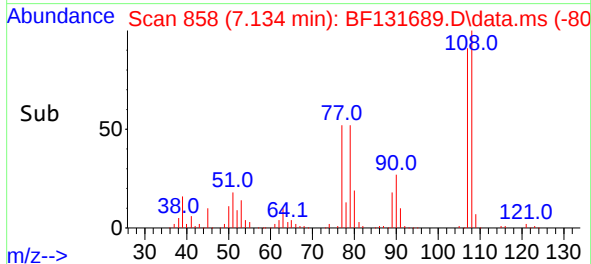
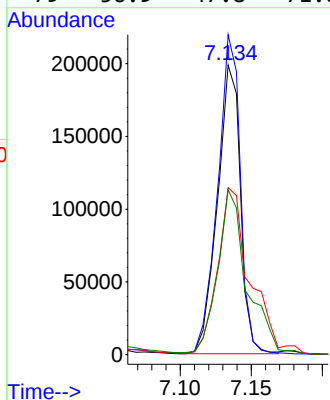
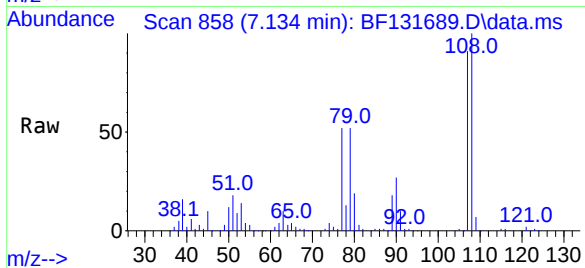


#17
2-Methylphenol
Concen: 49.782 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion:107 Resp: 223033

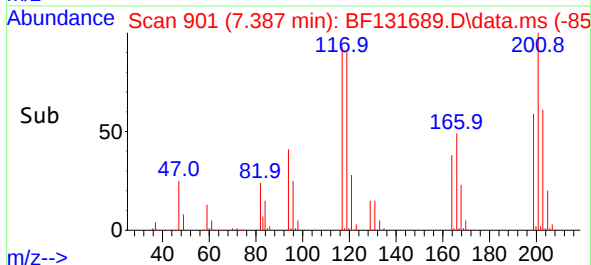
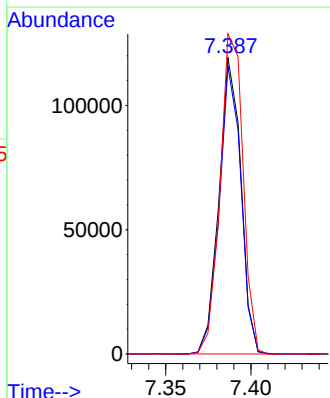
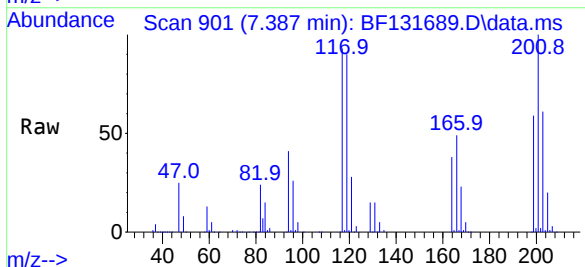
Ion	Ratio	Lower	Upper
107	100		
108	110.5	85.5	128.3
77	57.7	48.2	72.4
79	56.9	47.8	71.8

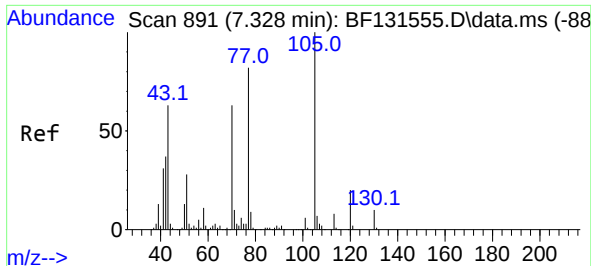


#18
Hexachloroethane
Concen: 45.503 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:117 Resp: 106712

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.4
201	108.1	98.0	147.0



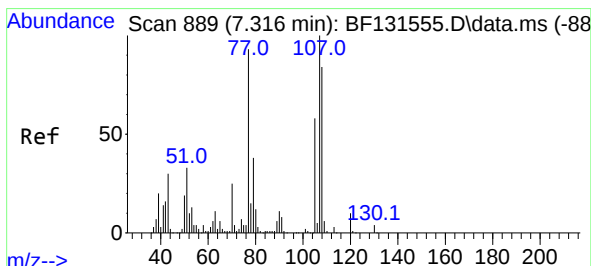
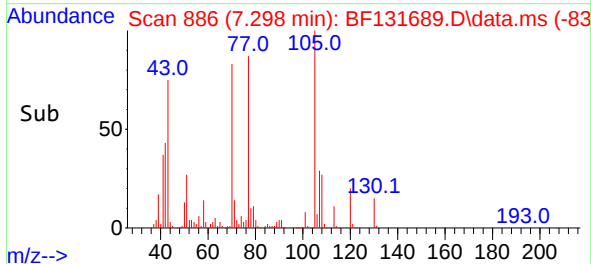
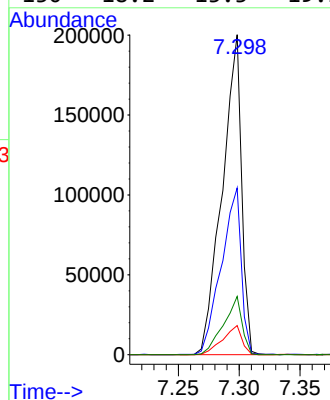
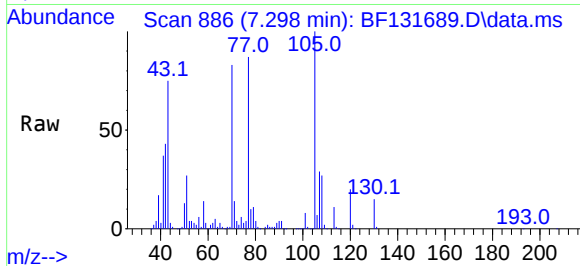


#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion: 70 Resp: 222113

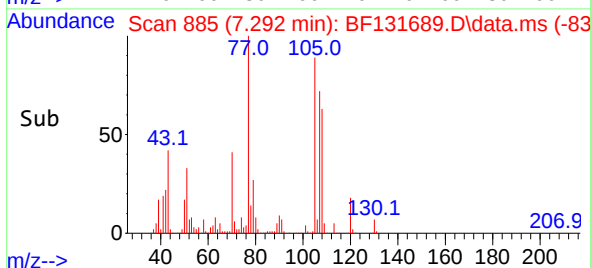
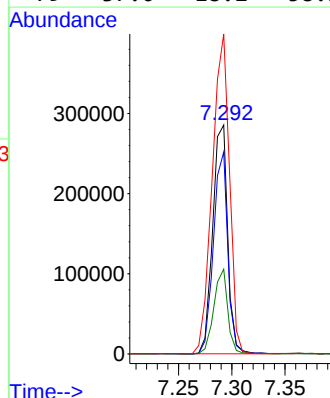
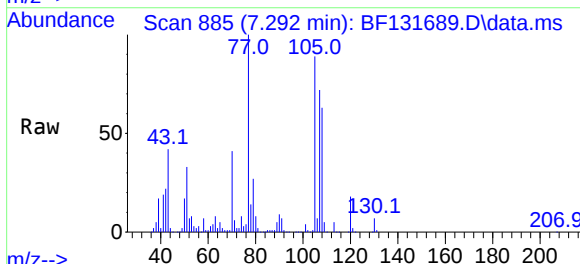
Ion	Ratio	Lower	Upper
70	100		
42	52.1	46.4	69.6
101	9.1	7.2	10.8
130	18.2	13.3	19.9

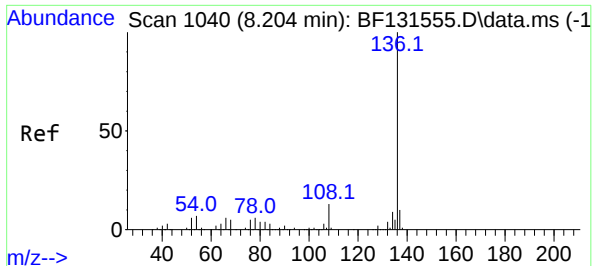


#20
3+4-Methylphenols
Concen: 45.744 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 107 Resp: 279141

Ion	Ratio	Lower	Upper
107	100		
108	88.1	64.0	104.0
77	139.7	73.1	113.1#
79	37.0	18.2	58.2



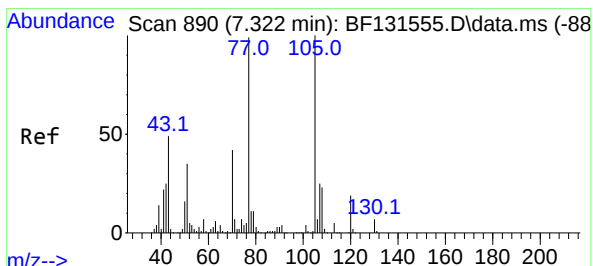
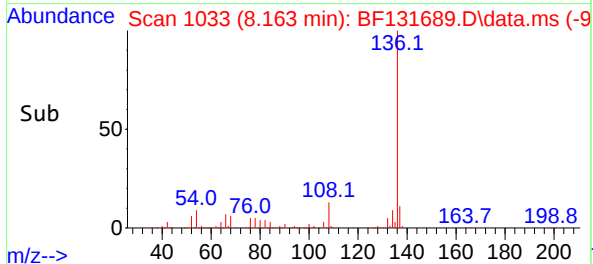
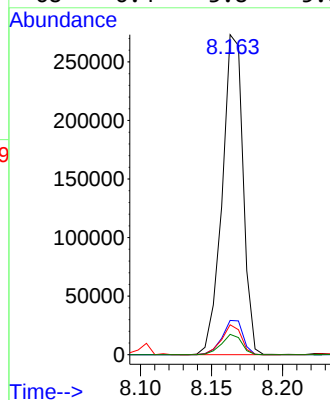
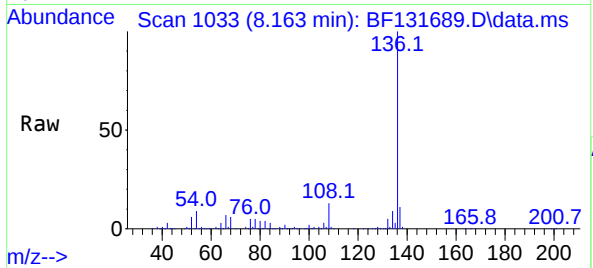


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion:136 Resp: 278919

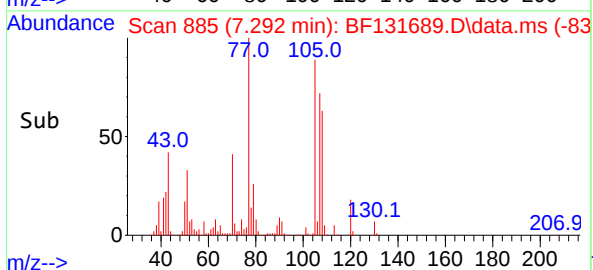
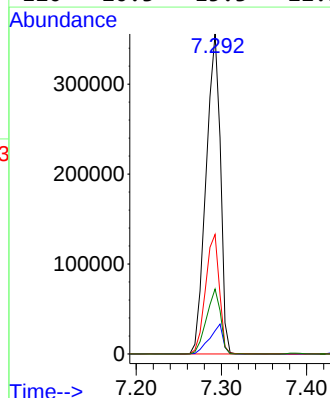
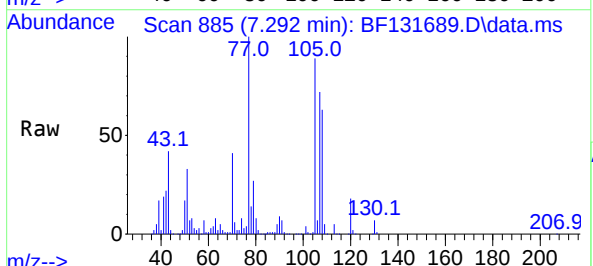
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	9.3	6.0	9.0#
68	6.4	3.8	5.8#

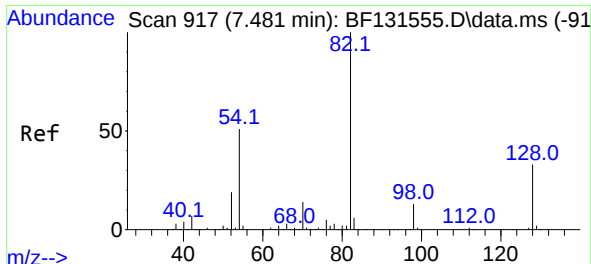


#22
Acetophenone
Concen: 47.539 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:105 Resp: 415521

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.4	8.0
51	37.3	27.8	41.6
120	20.3	15.3	22.9

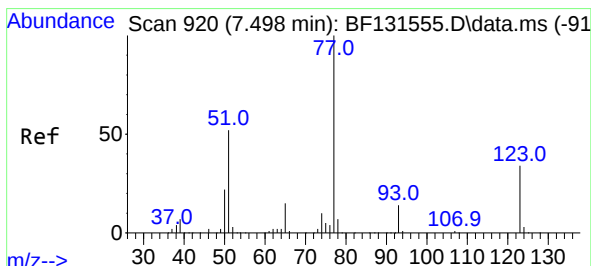
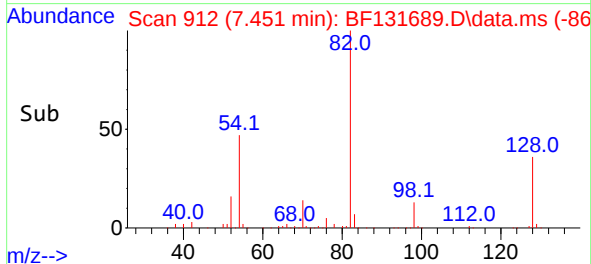
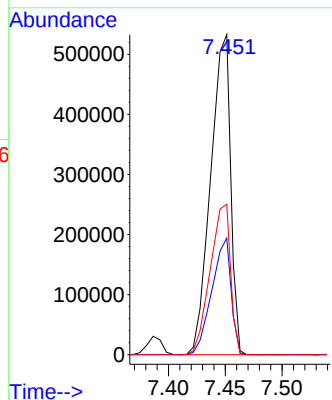
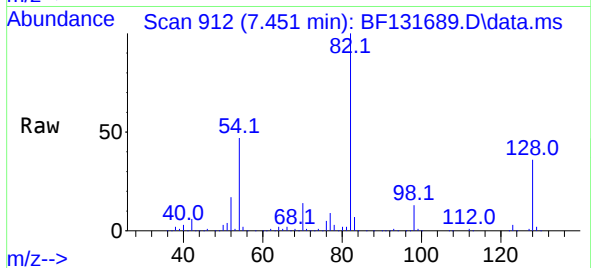




#23
Nitrobenzene-d5
Concen: 88.419 ng
RT: 7.451 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

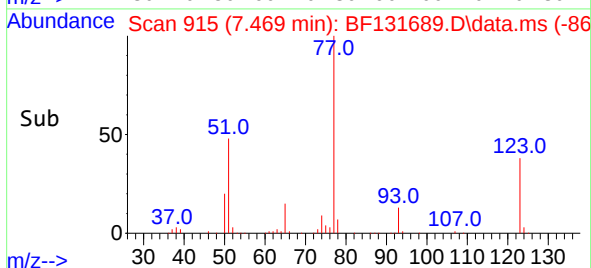
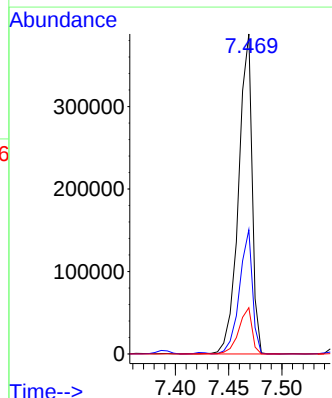
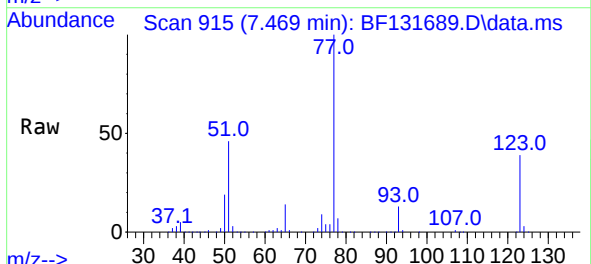
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

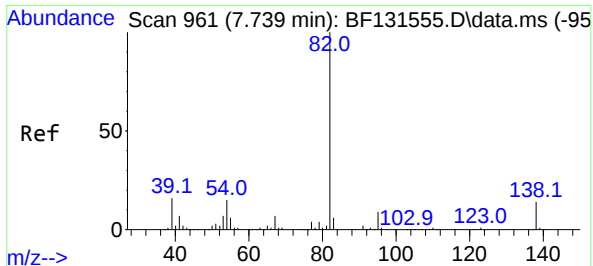
Tgt Ion: 82 Resp: 652307
Ion Ratio Lower Upper
82 100
128 36.5 26.1 39.1
54 47.0 40.6 60.8



#24
Nitrobenzene
Concen: 46.432 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 77 Resp: 345496
Ion Ratio Lower Upper
77 100
123 38.8 27.1 40.7
65 14.5 11.9 17.9

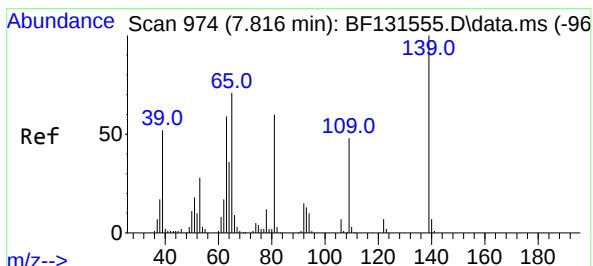
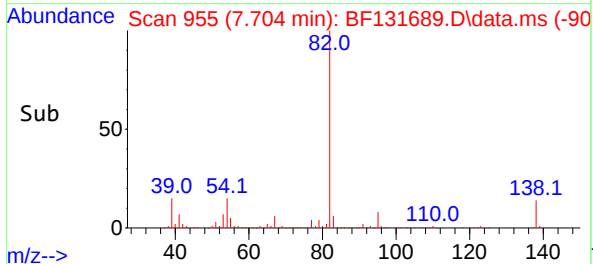
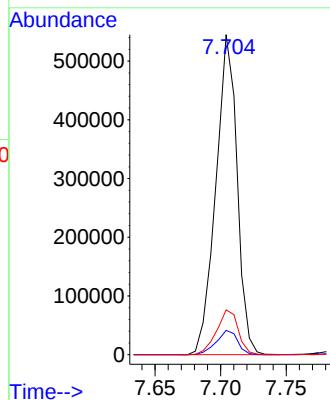
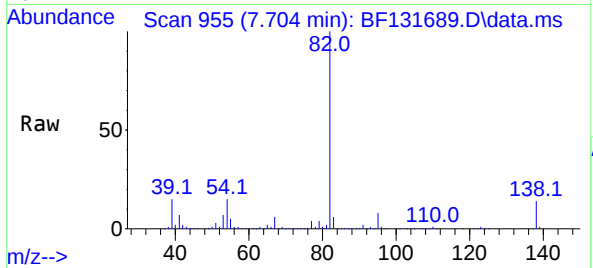




#25
Isophorone
Concen: 51.609 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

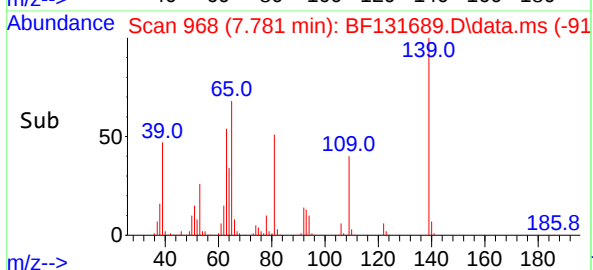
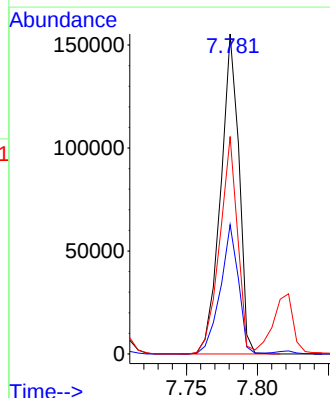
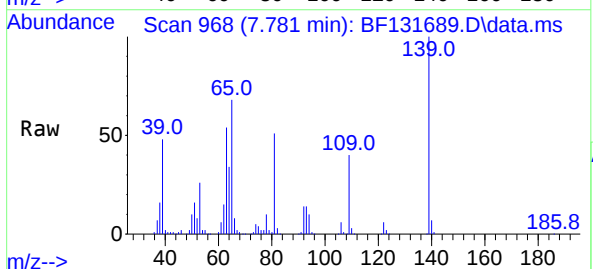
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

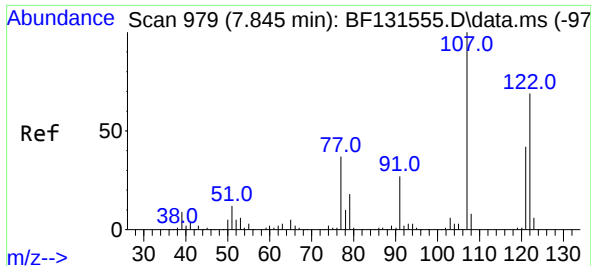
Tgt Ion: 82 Resp: 613284
Ion Ratio Lower Upper
82 100
95 7.6 6.9 10.3
138 14.0 11.4 17.0



#26
2-Nitrophenol
Concen: 54.690 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 139 Resp: 138774
Ion Ratio Lower Upper
139 100
109 40.4 38.6 58.0
65 67.9 56.5 84.7

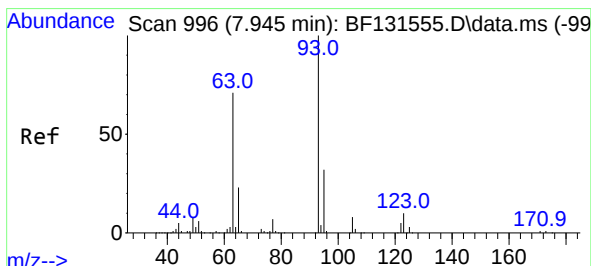
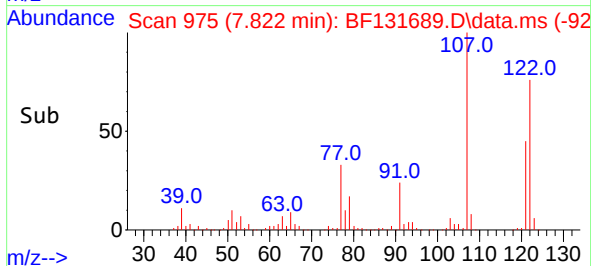
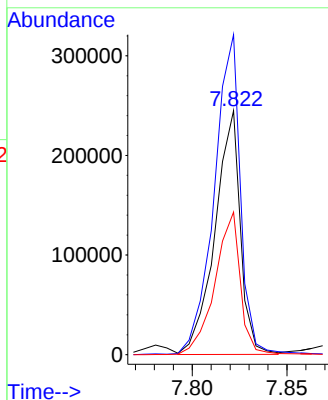
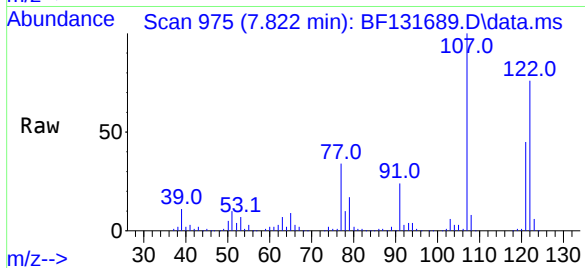




#27
2,4-Dimethylphenol
Concen: 58.781 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

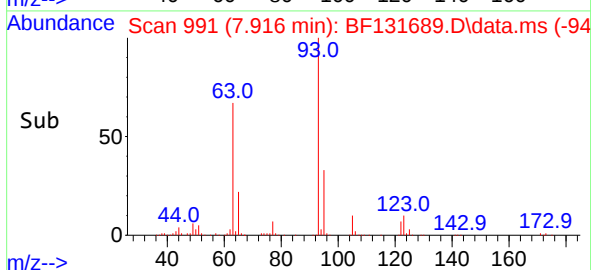
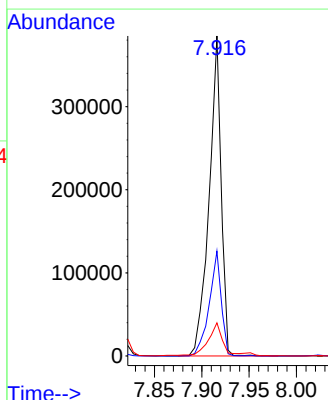
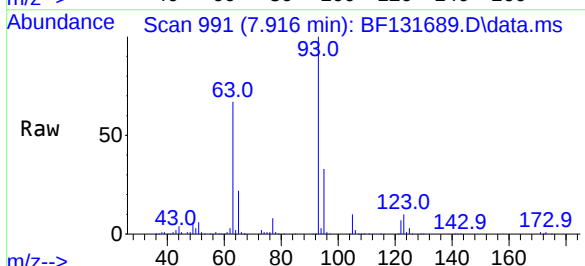
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

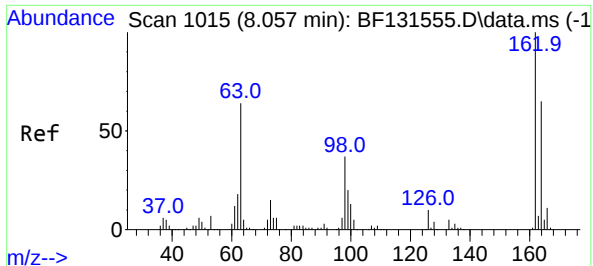
Tgt Ion:122 Resp: 228616
Ion Ratio Lower Upper
122 100
107 131.1 114.2 171.2
121 58.4 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 55.486 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion: 93 Resp: 341090
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.539 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

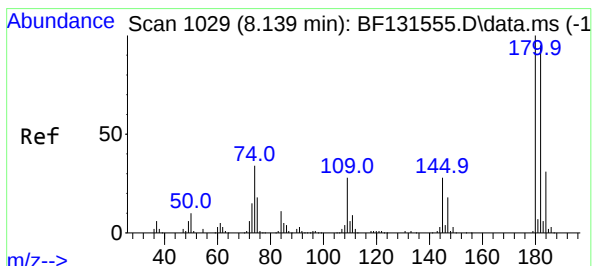
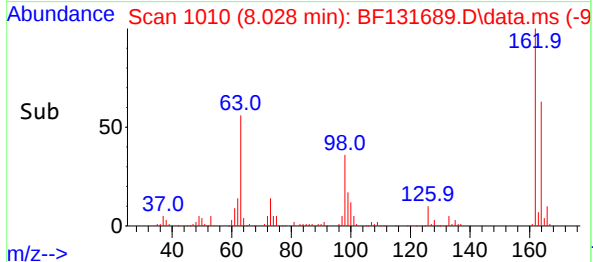
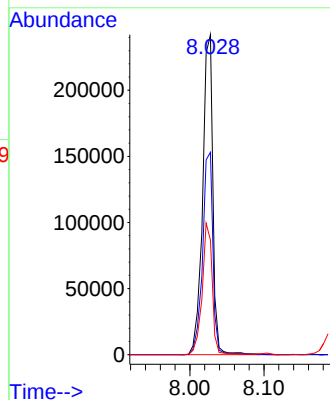
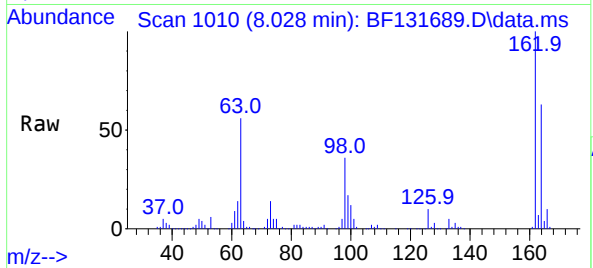
Tgt Ion:162 Resp: 233423

Ion Ratio Lower Upper

162 100

164 63.2 45.0 85.0

98 35.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.316 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

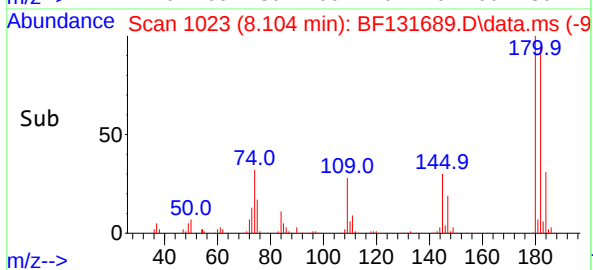
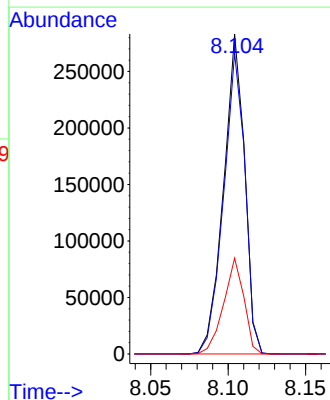
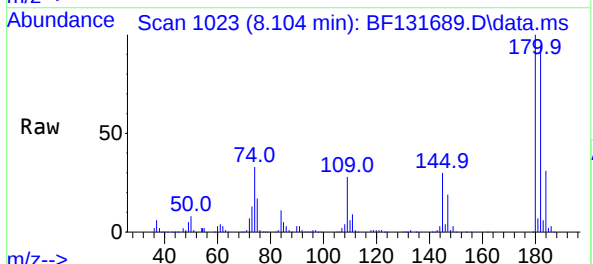
Tgt Ion:180 Resp: 267247

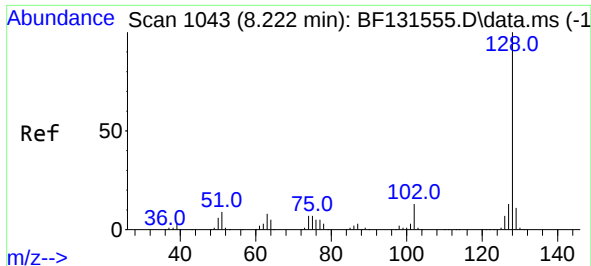
Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.6

145 29.9 22.4 33.6

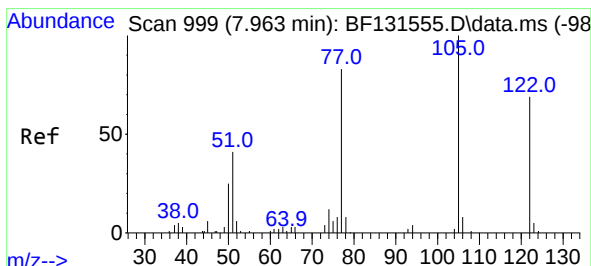
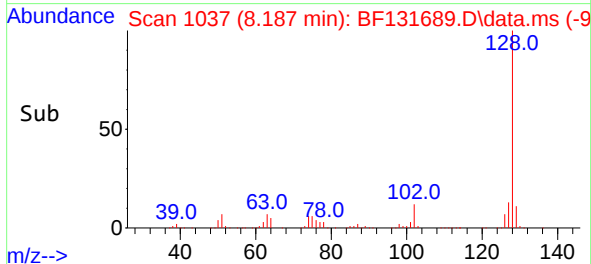
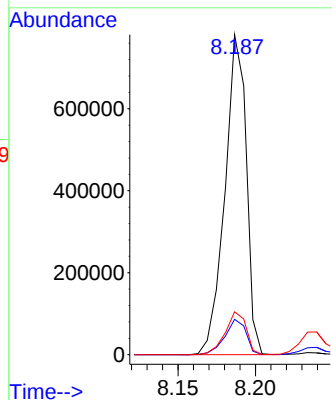
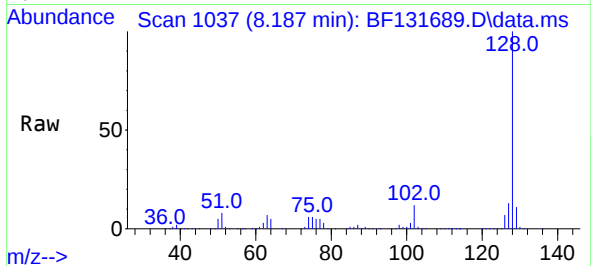




#31
Naphthalene
Concen: 47.826 ng
RT: 8.187 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

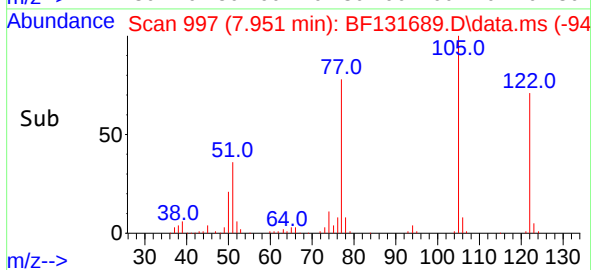
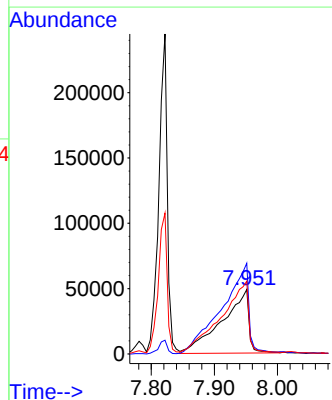
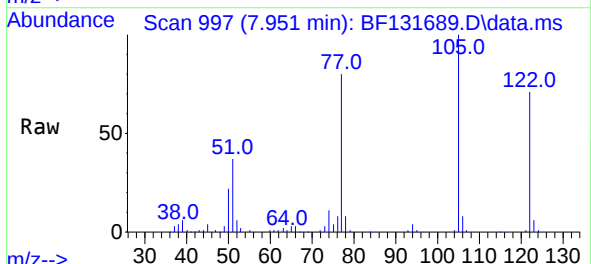
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

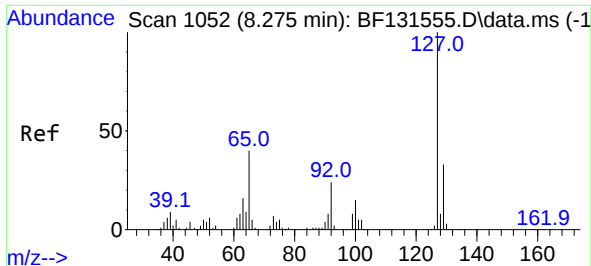
Tgt Ion:128 Resp: 751324
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 51.449 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.024 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
105 140.8 119.8 159.8
77 113.1 97.6 137.6

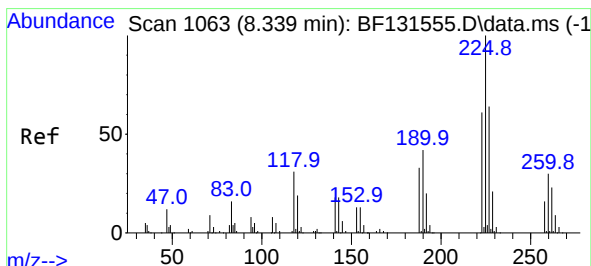
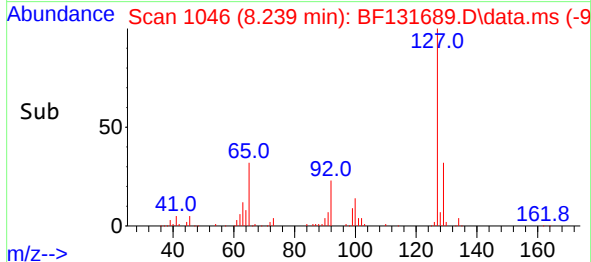
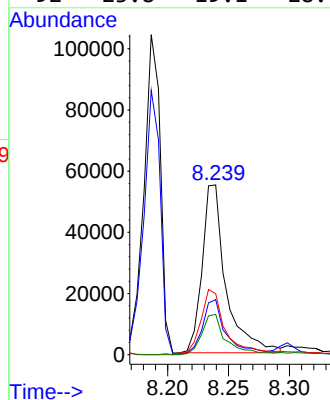
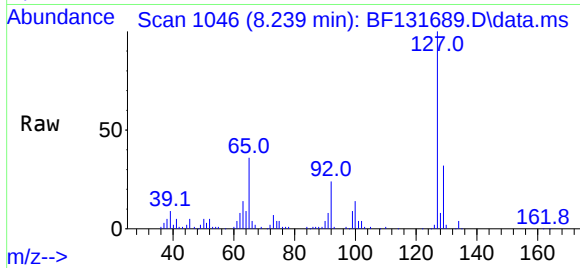




#33
4-Chloroaniline
Concen: 12.739 ng
RT: 8.239 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

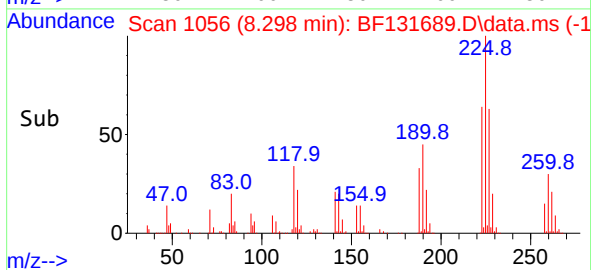
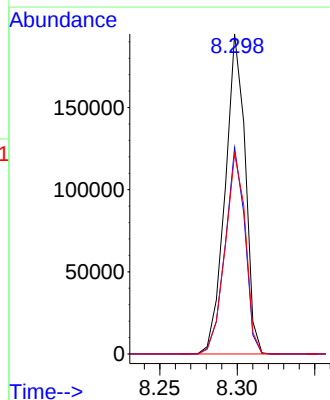
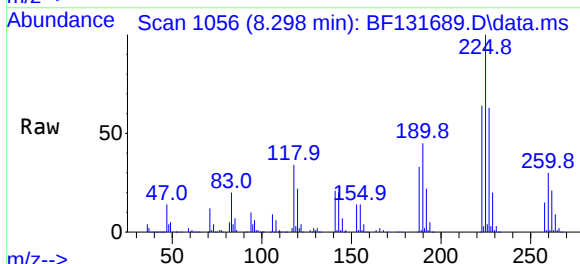
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

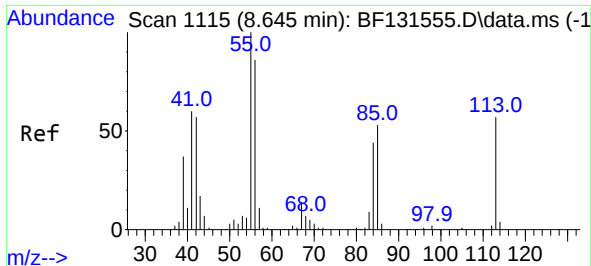
Tgt Ion:	127	Resp:	75012
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	35.9	31.9	47.9
92	23.8	19.1	28.7



#34
Hexachlorobutadiene
Concen: 42.116 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:	225	Resp:	175050
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.7	73.1
227	62.6	51.0	76.6

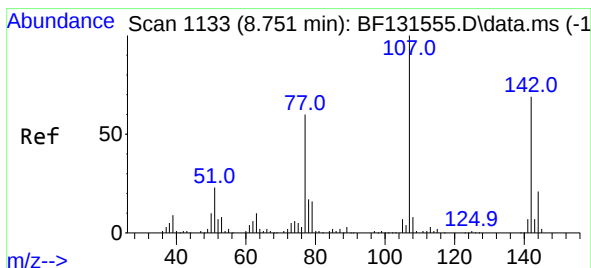
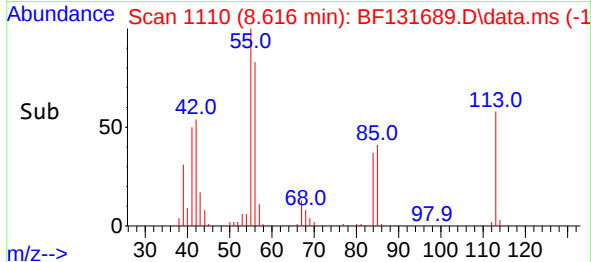
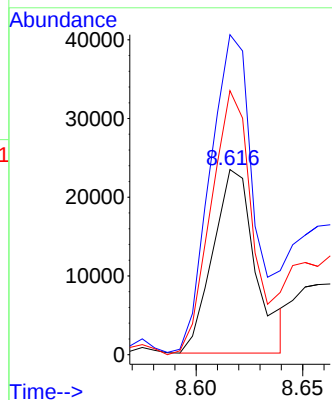
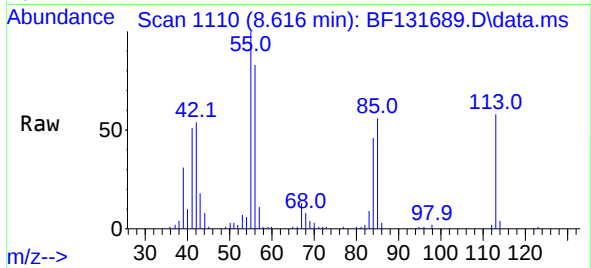




#35
 Caprolactam
 Concen: 26.194 ng
 RT: 8.616 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

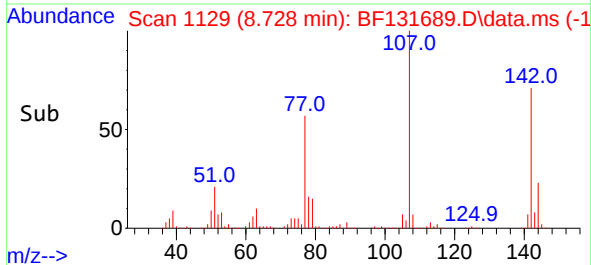
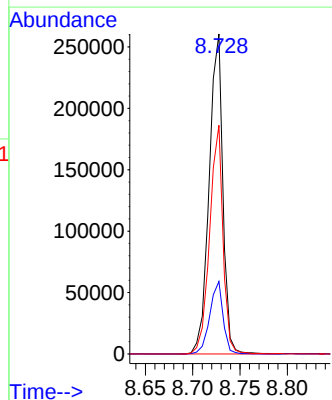
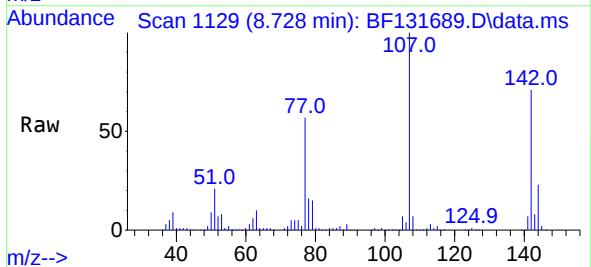
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MSD

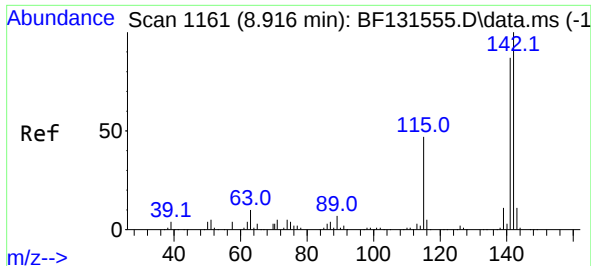
Tgt Ion:113 Resp: 32585
 Ion Ratio Lower Upper
 113 100
 55 172.8 155.8 195.8
 56 142.6 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.605 ng
 RT: 8.728 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

Tgt Ion:107 Resp: 262472
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.0 25.4
 142 71.5 54.8 82.2





#37

2-Methylnaphthalene

Concen: 47.444 ng

RT: 8.881 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

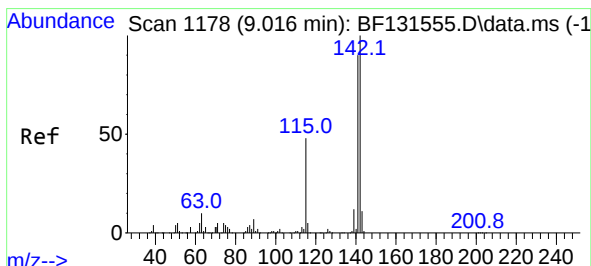
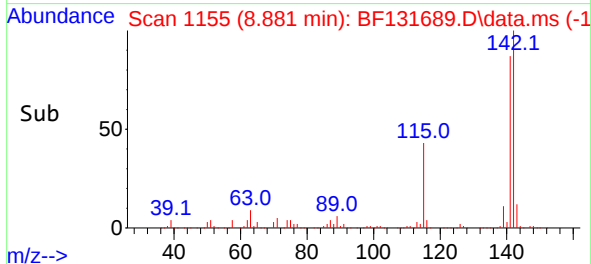
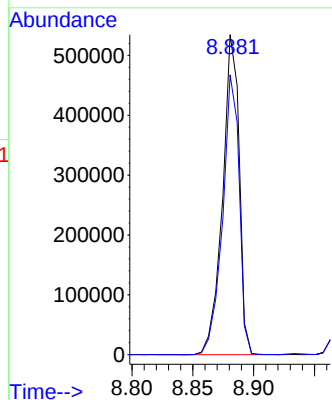
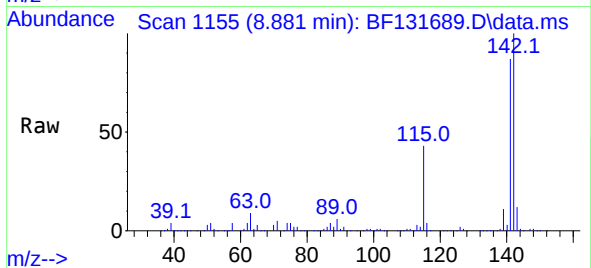
WC-SOIL-20221214MSD

Tgt Ion:142 Resp: 509724

Ion Ratio Lower Upper

142 100

141 87.4 69.7 104.5



#38

1-Methylnaphthalene

Concen: 45.216 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF131689.D

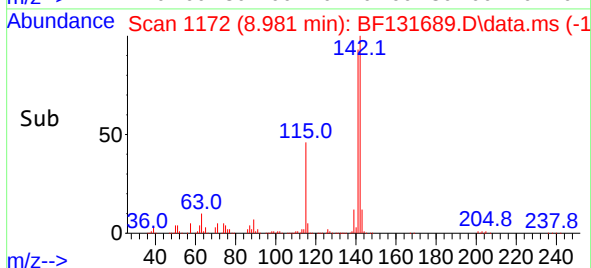
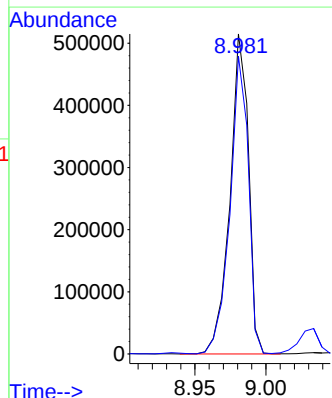
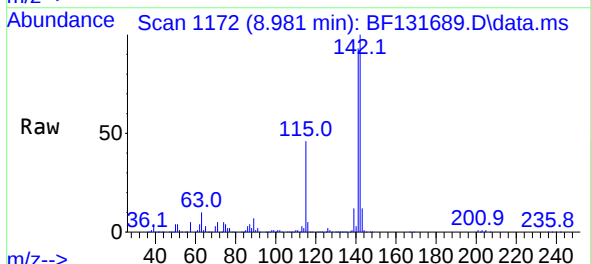
Acq: 19 Dec 2022 15:18

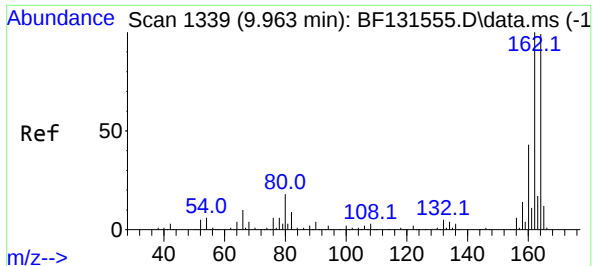
Tgt Ion:142 Resp: 466337

Ion Ratio Lower Upper

142 100

141 93.1 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: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

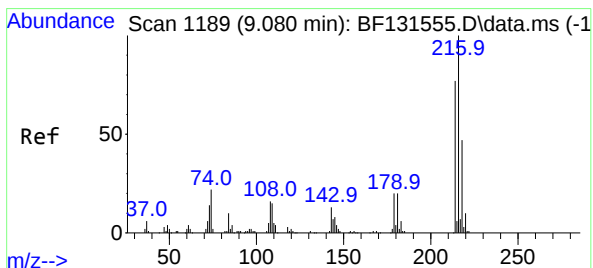
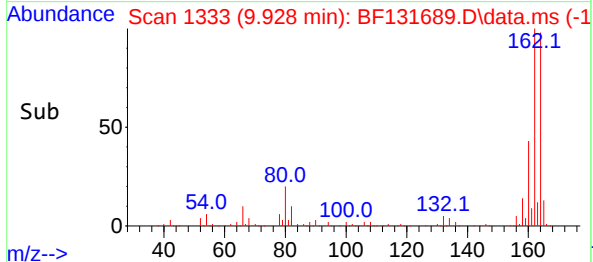
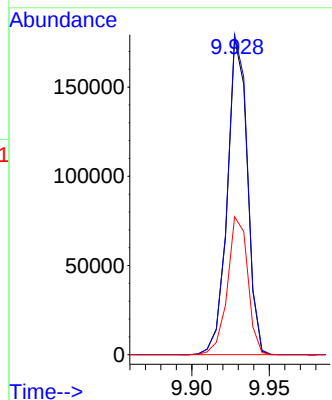
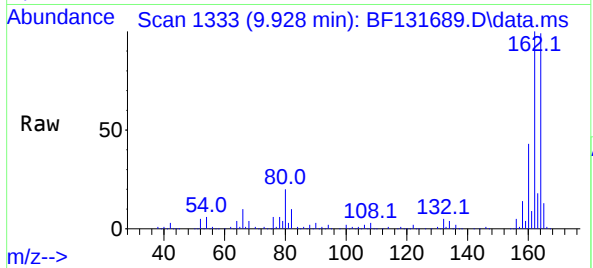
Tgt Ion:164 Resp: 158917

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.6

160 43.6 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.946 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Tgt Ion:216 Resp: 287937

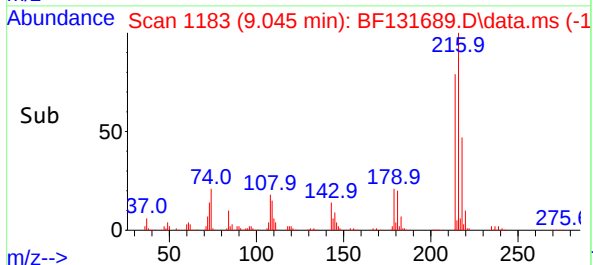
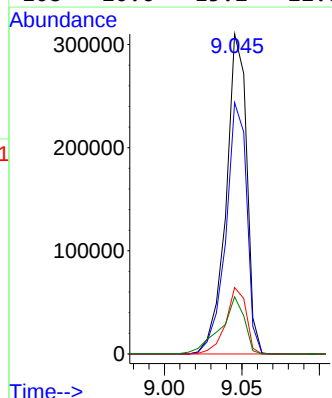
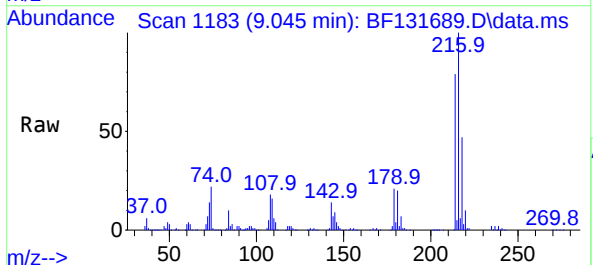
Ion Ratio Lower Upper

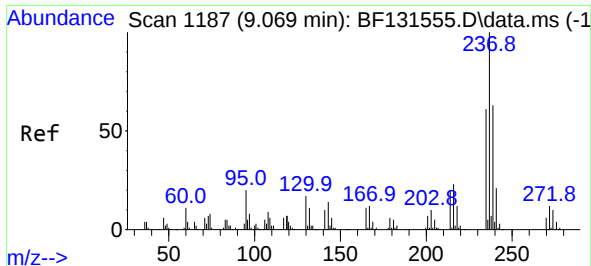
216 100

214 79.3 62.1 93.1

179 20.4 16.0 24.0

108 20.6 15.2 22.8



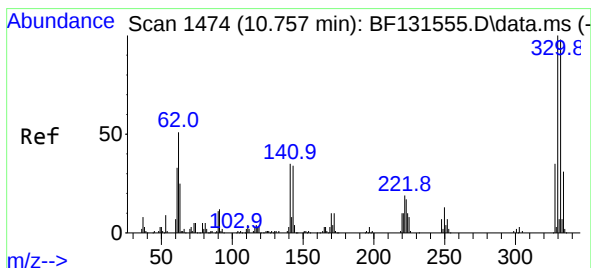
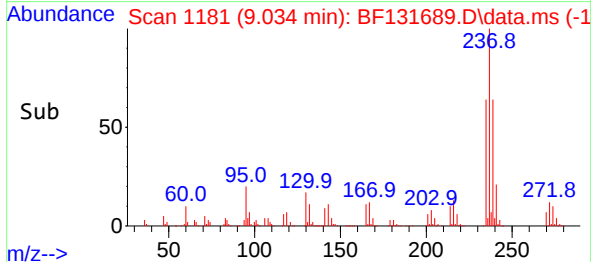
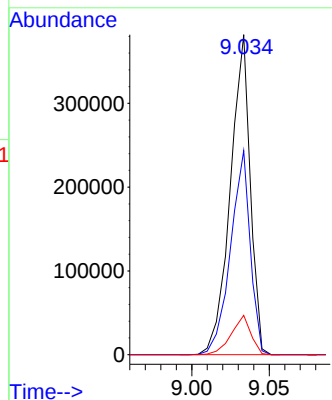
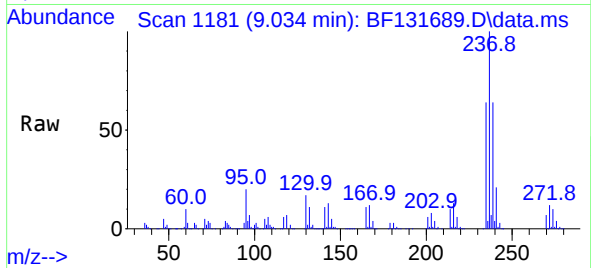


#41
Hexachlorocyclopentadiene
Concen: 114.477 ng
RT: 9.034 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion:237 Resp: 341821

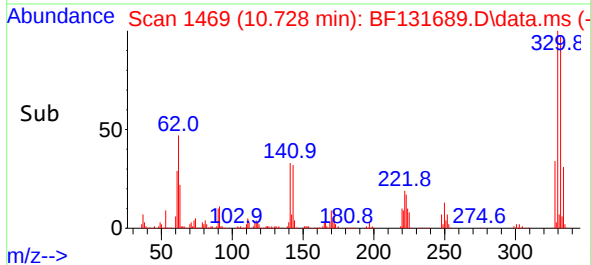
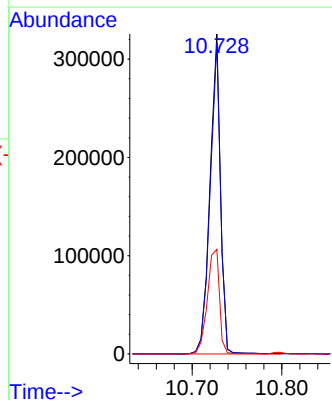
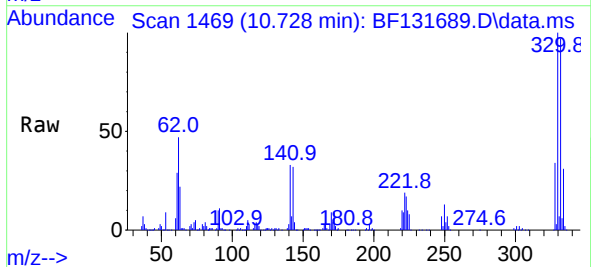
Ion	Ratio	Lower	Upper
237	100		
235	63.7	40.6	80.6
272	12.3	0.0	32.2

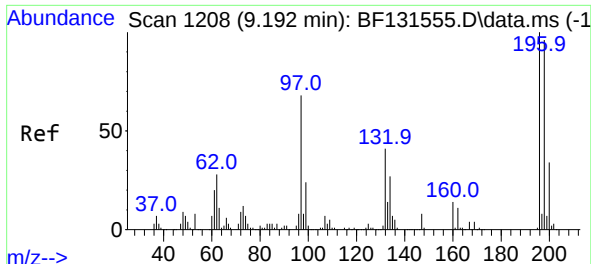


#42
2,4,6-Tribromophenol
Concen: 149.932 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:330 Resp: 264723

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	37.7	32.6	49.0

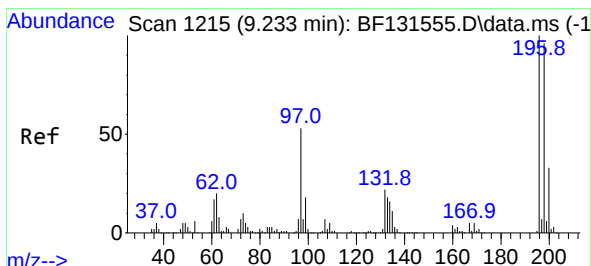
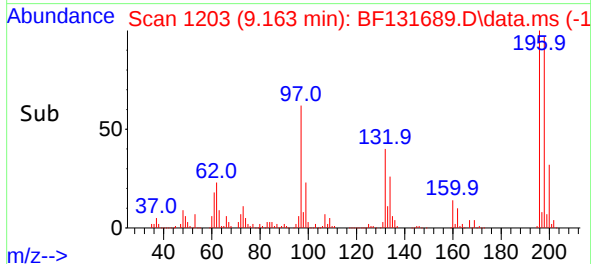
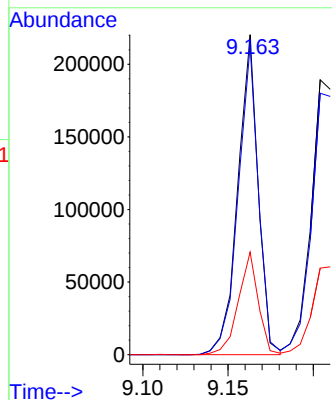
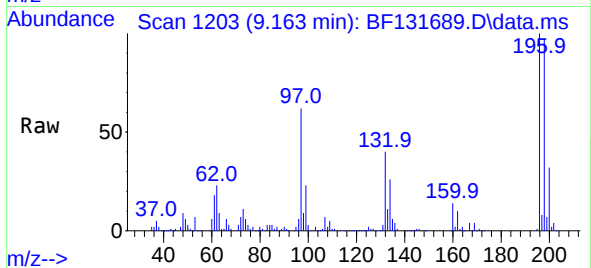




#43
2,4,6-Trichlorophenol
Concen: 50.306 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

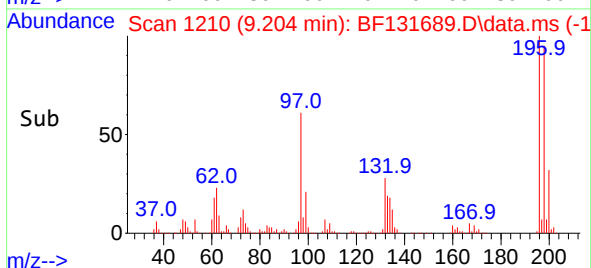
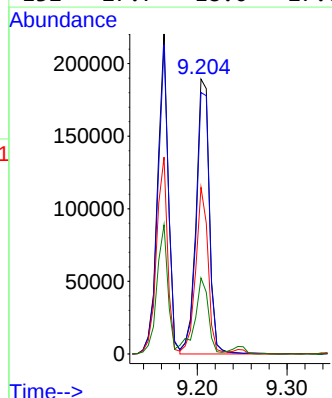
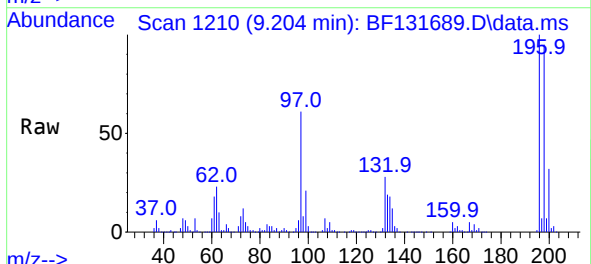
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

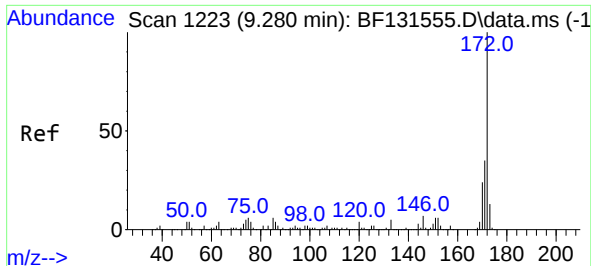
Tgt Ion:196 Resp: 183047
Ion Ratio Lower Upper
196 100
198 96.6 76.9 115.3
200 32.1 26.9 40.3



#44
2,4,5-Trichlorophenol
Concen: 49.967 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:196 Resp: 195531
Ion Ratio Lower Upper
196 100
198 95.1 77.2 115.8
97 60.6 42.2 63.2
132 27.7 18.0 27.0#





#45

2-Fluorobiphenyl

Concen: 89.525 ng

RT: 9.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

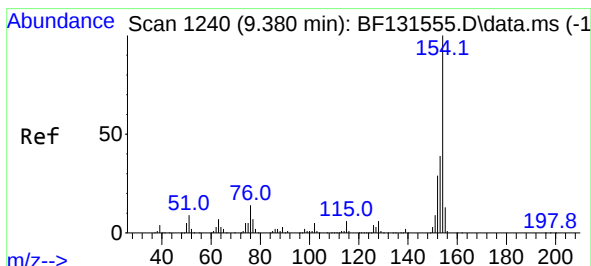
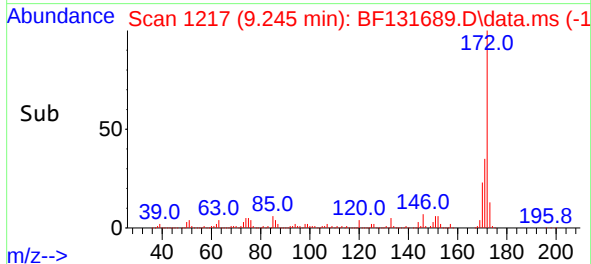
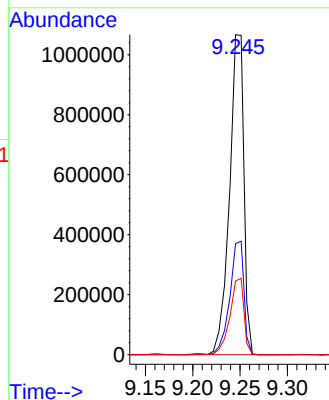
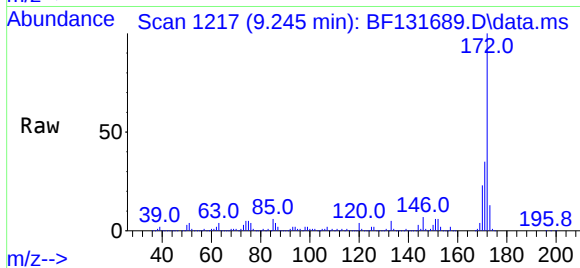
Tgt Ion:172 Resp: 1128352

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.3 28.9



#46

1,1'-Biphenyl

Concen: 50.320 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

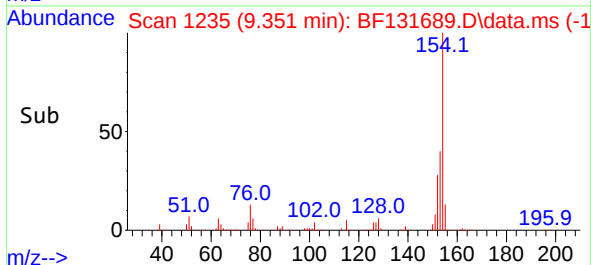
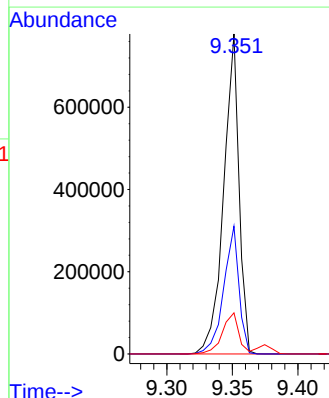
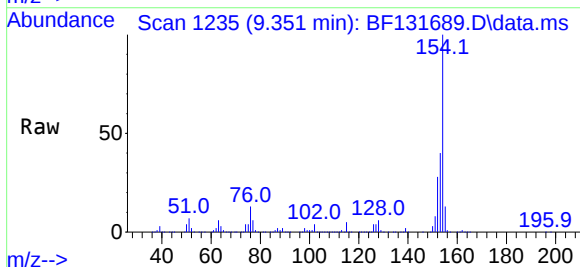
Tgt Ion:154 Resp: 632260

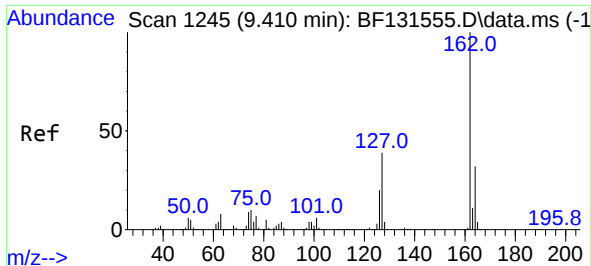
Ion Ratio Lower Upper

154 100

153 39.9 19.4 59.4

76 12.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.699 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

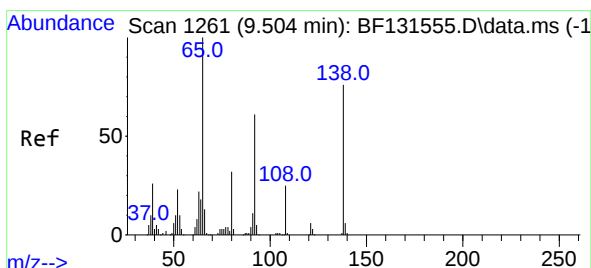
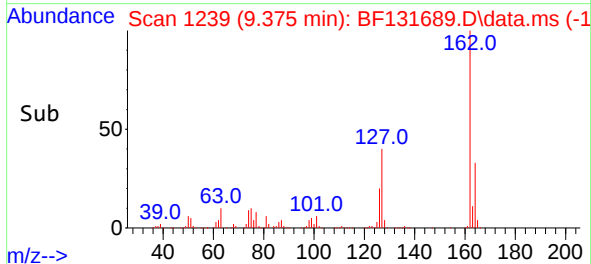
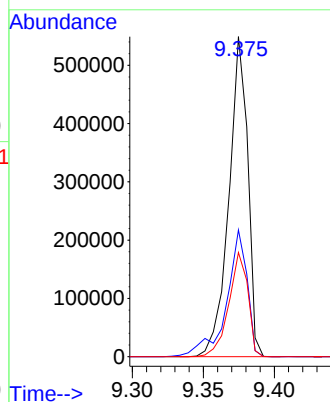
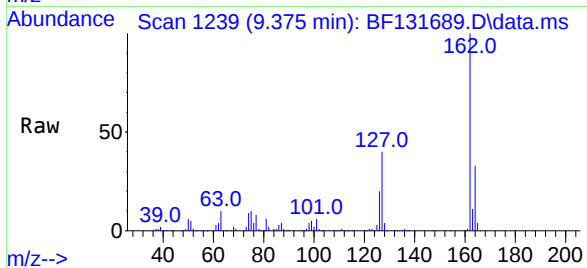
Tgt Ion:162 Resp: 508771

Ion Ratio Lower Upper

162 100

127 39.6 31.4 47.2

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.215 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

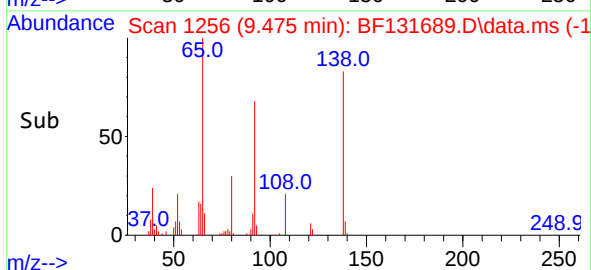
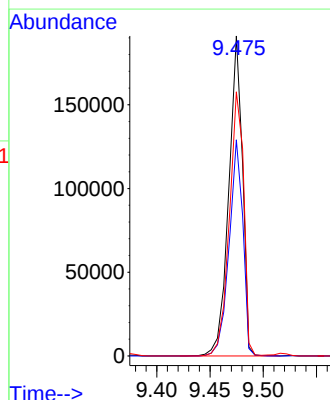
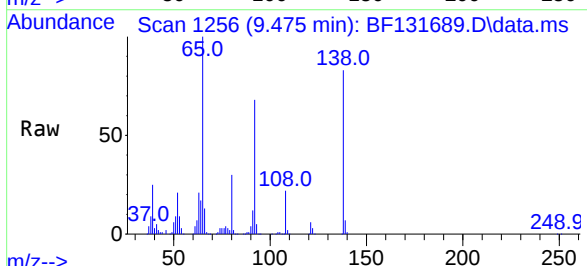
Tgt Ion: 65 Resp: 171222

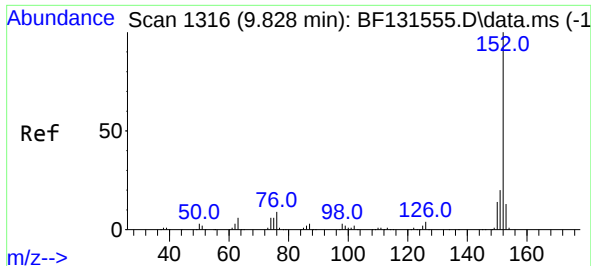
Ion Ratio Lower Upper

65 100

92 67.5 49.2 73.8

138 82.6 60.7 91.1





#49

Acenaphthylene

Concen: 50.083 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20221214MSD

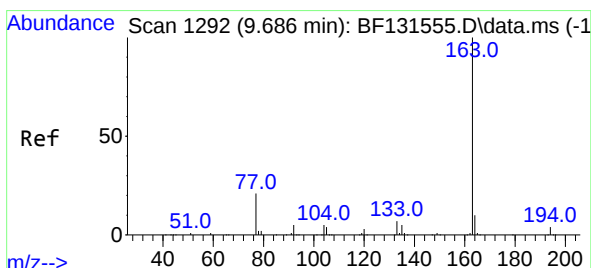
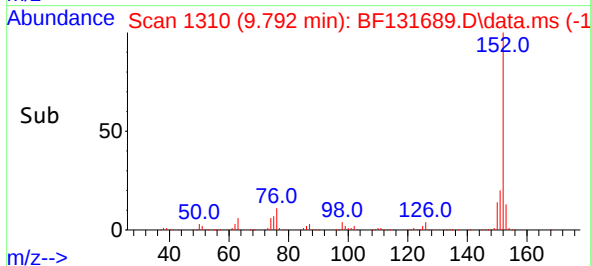
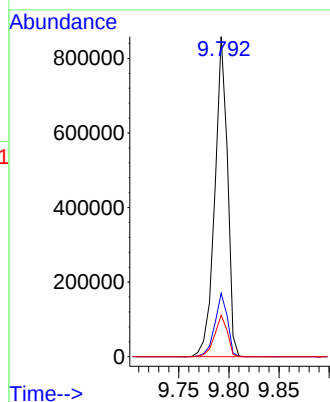
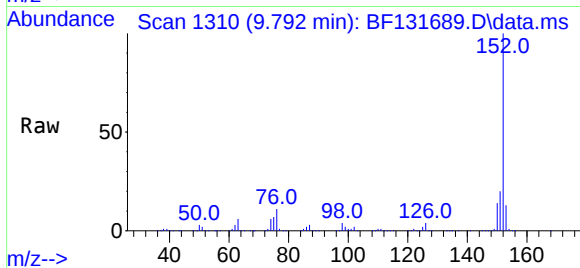
Tgt Ion:152 Resp: 752809

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 48.967 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.012 min

Lab File: BF131689.D

Acq: 19 Dec 2022 15:18

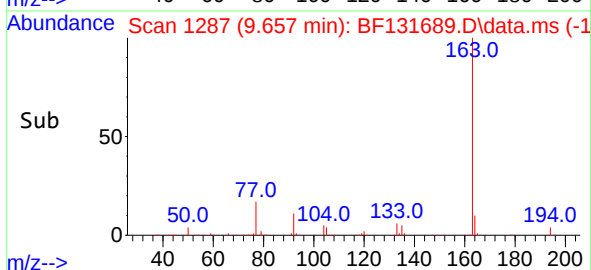
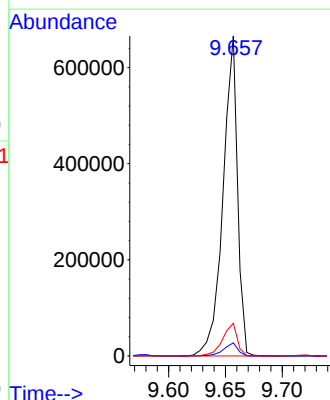
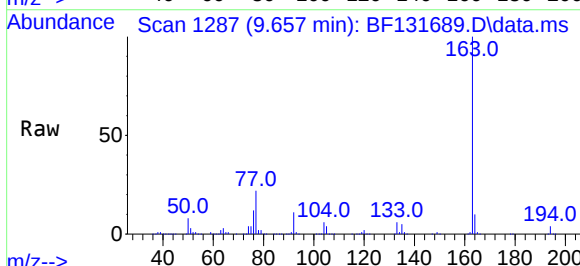
Tgt Ion:163 Resp: 593208

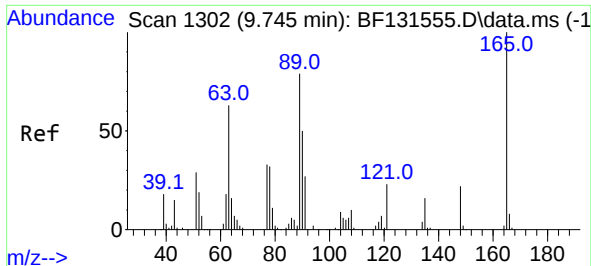
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 7.8 11.6

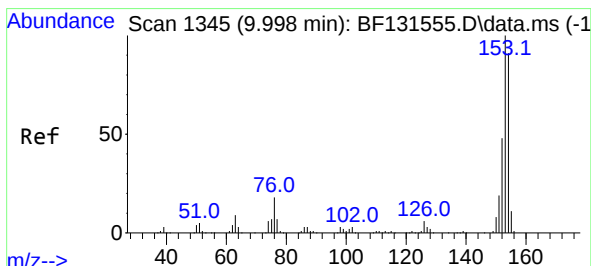
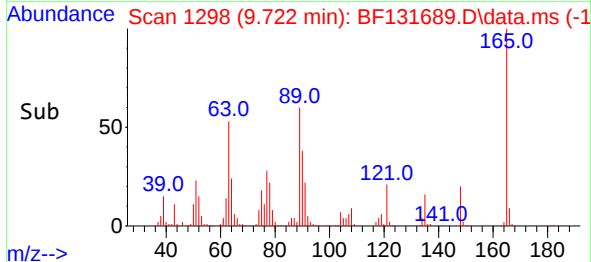
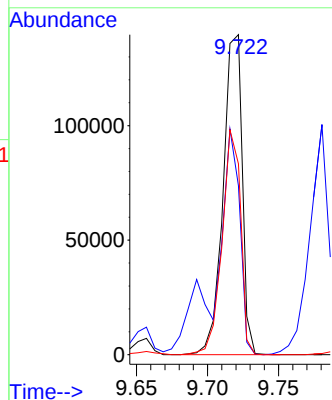
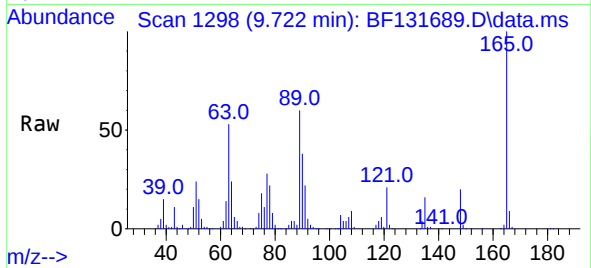




#51
2,6-Dinitrotoluene
Concen: 52.196 ng
RT: 9.722 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

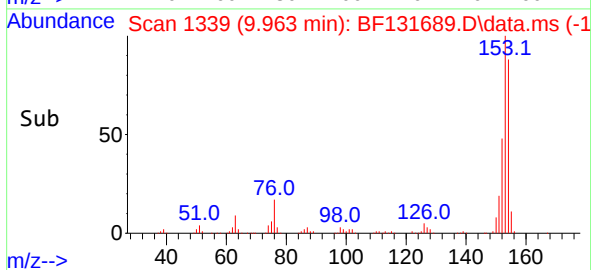
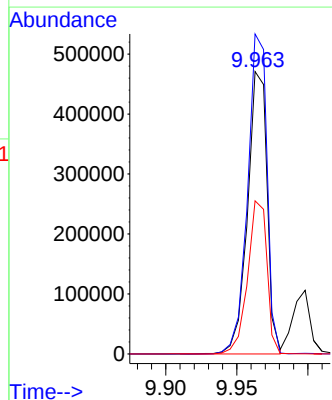
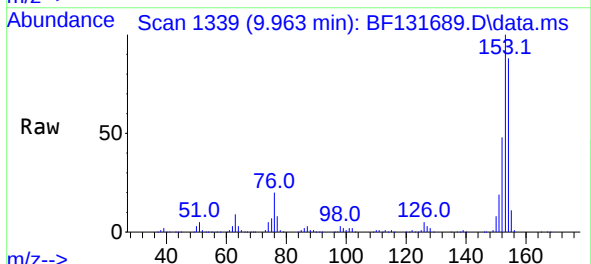
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

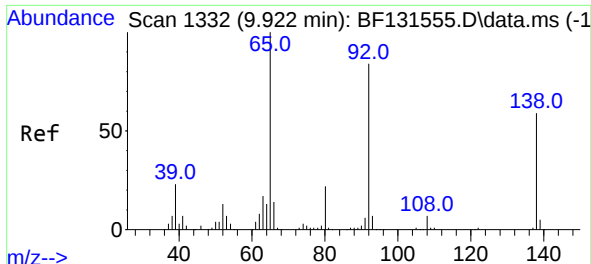
Tgt Ion:165 Resp: 130541
Ion Ratio Lower Upper
165 100
63 52.8 67.9 101.9#
89 59.7 63.2 94.8#



#52
Acenaphthene
Concen: 44.692 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:154 Resp: 450023
Ion Ratio Lower Upper
154 100
153 113.3 87.9 131.9
152 54.2 42.4 63.6

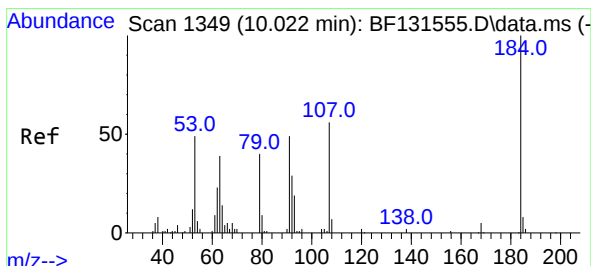
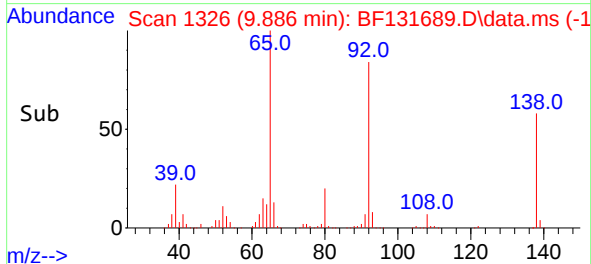
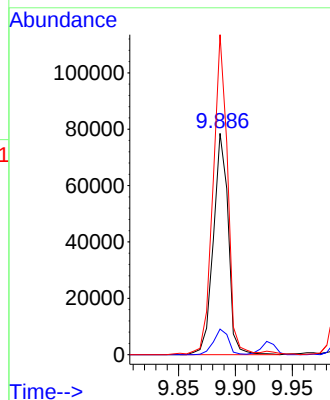
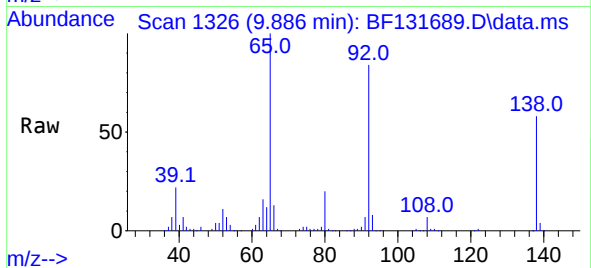




#53
3-Nitroaniline
Concen: 29.708 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

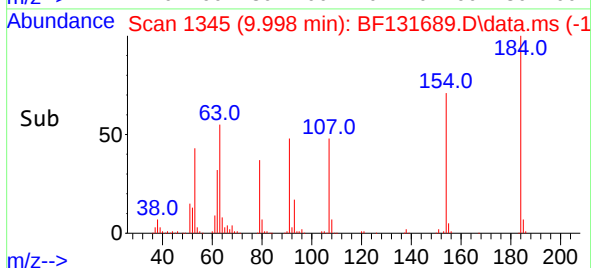
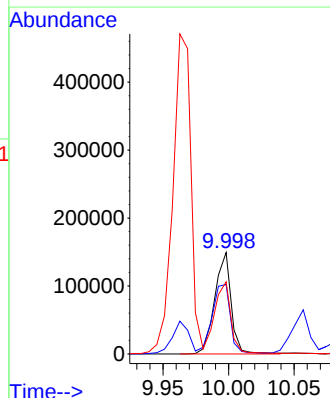
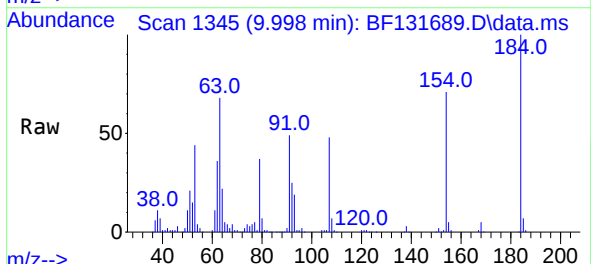
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

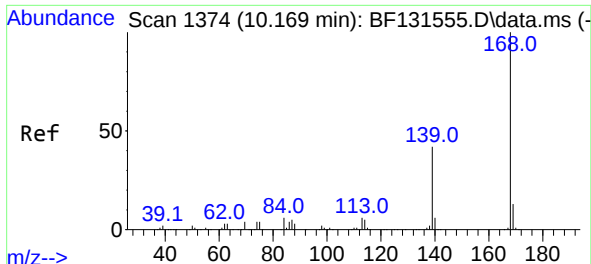
Tgt Ion:138 Resp: 71287
Ion Ratio Lower Upper
138 100
108 11.6 9.6 14.4
92 144.6 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 90.475 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:184 Resp: 130342
Ion Ratio Lower Upper
184 100
63 68.4 60.7 91.1
154 71.1 59.0 88.6

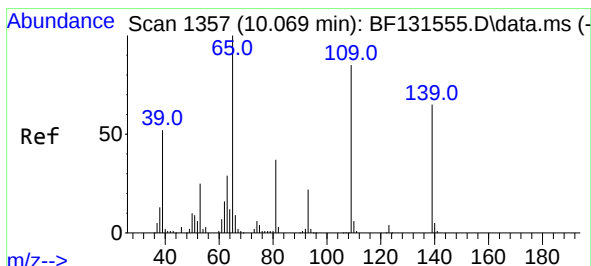
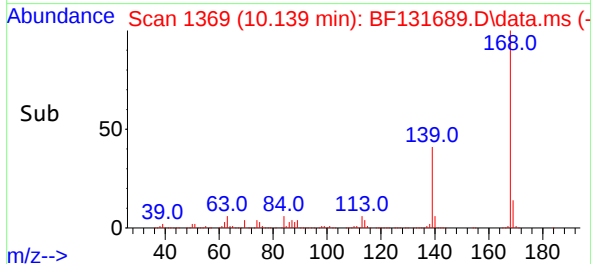
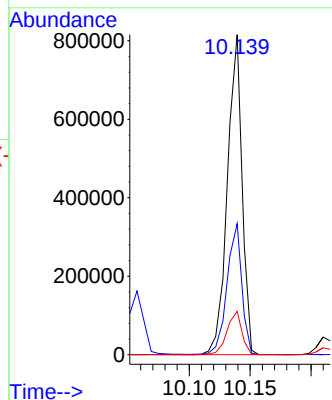
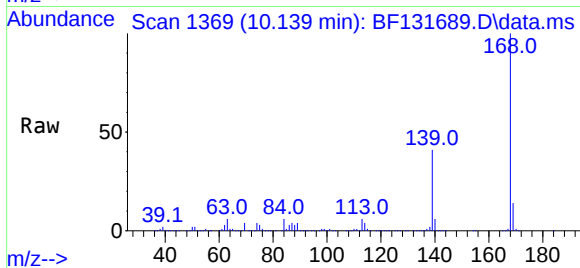




#55
Dibenzenofuran
Concen: 48.222 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

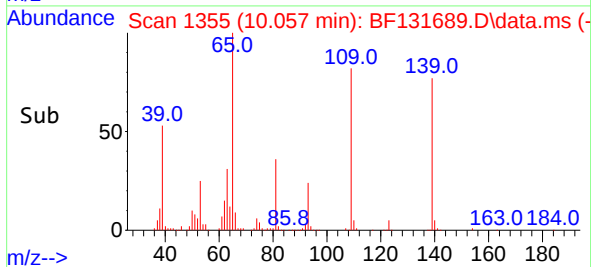
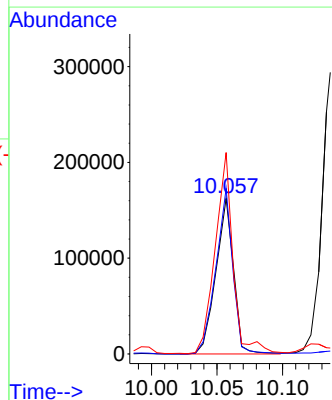
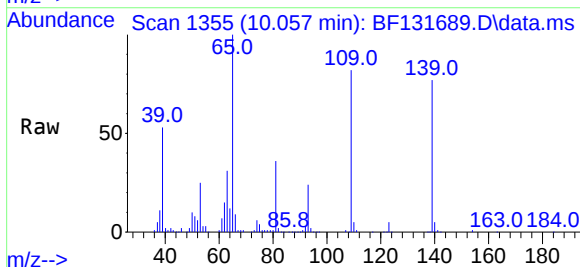
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

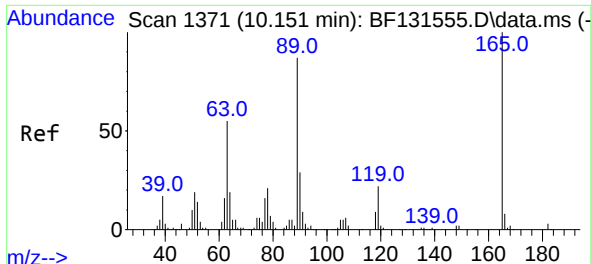
Tgt Ion:168 Resp: 686090
Ion Ratio Lower Upper
168 100
139 41.0 33.9 50.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 90.873 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:139 Resp: 151483
Ion Ratio Lower Upper
139 100
109 106.3 110.2 150.2#
65 129.5 133.3 173.3#



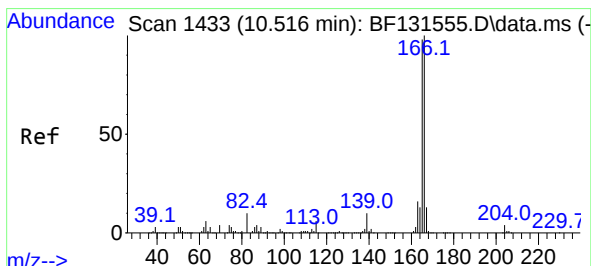
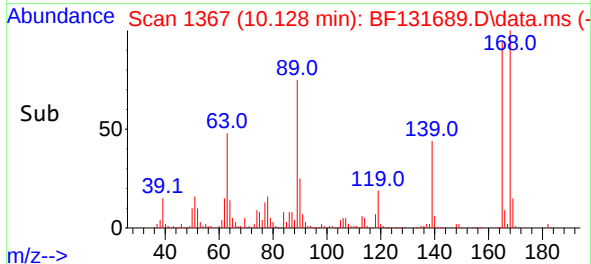
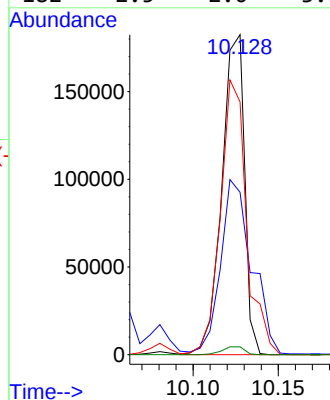
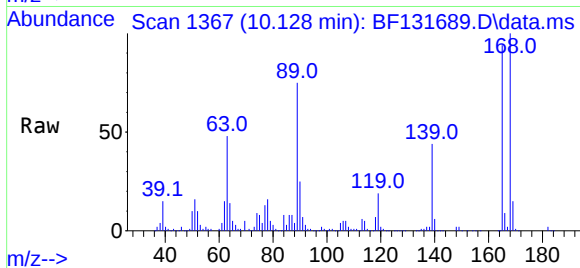


#57
2,4-Dinitrotoluene
Concen: 51.007 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion:165 Resp: 169224

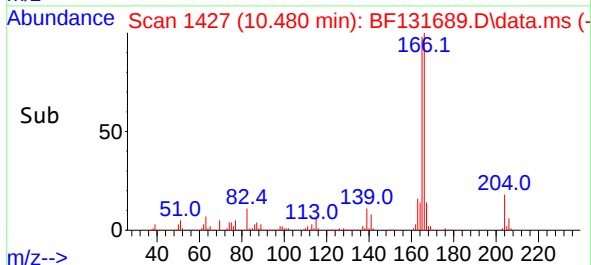
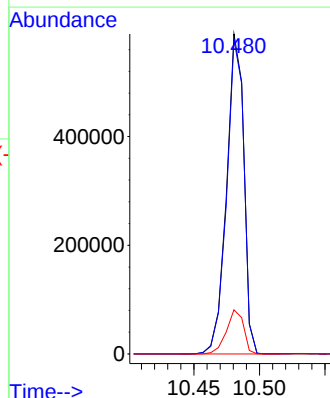
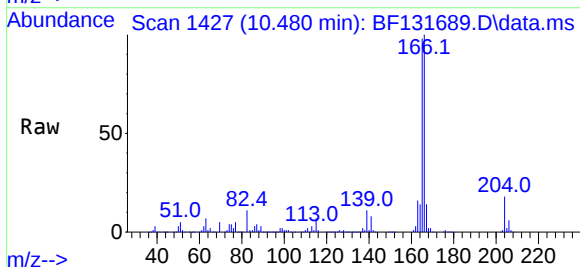
Ion	Ratio	Lower	Upper
165	100		
63	50.7	44.4	66.6
89	79.0	69.6	104.4
182	2.5	2.0	3.0

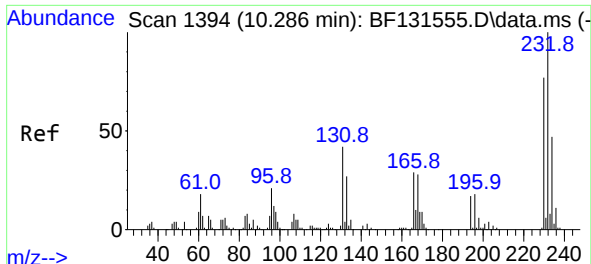


#58
Fluorene
Concen: 46.573 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:166 Resp: 538692

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.8	10.7	16.1

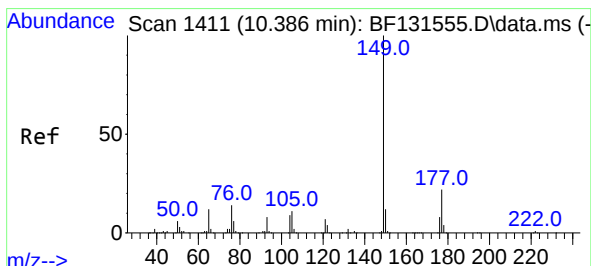
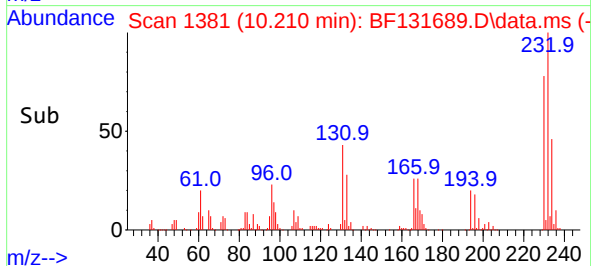
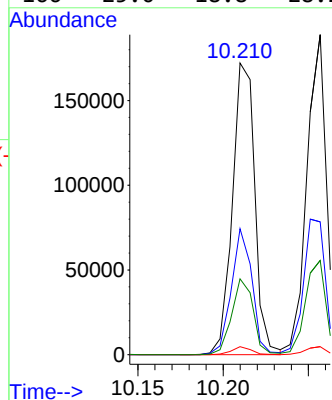
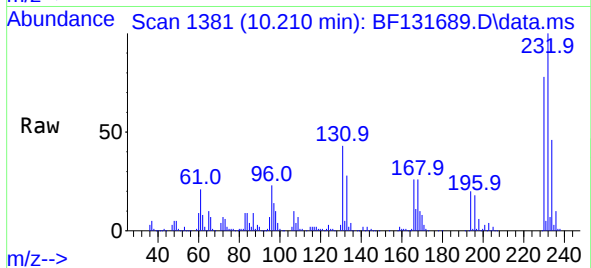




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.469 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

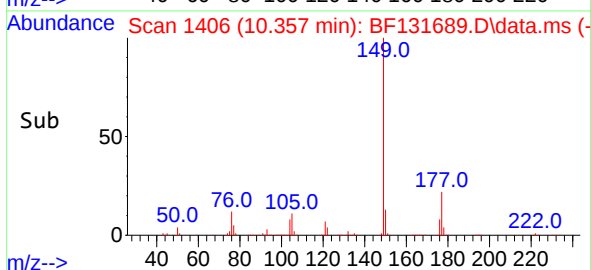
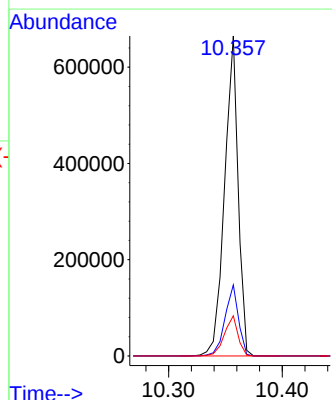
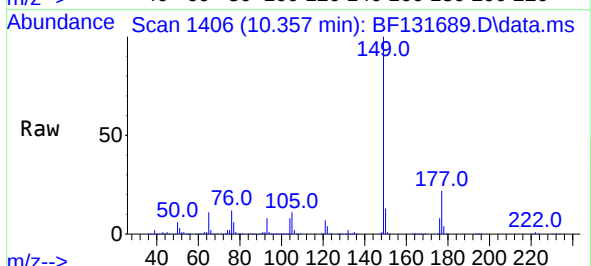
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

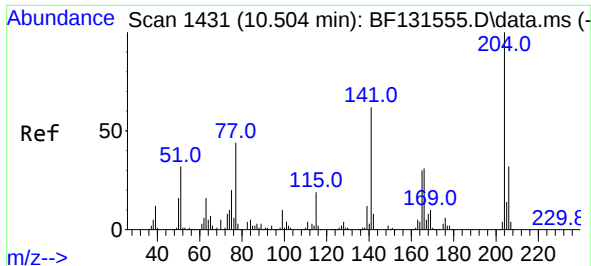
Tgt Ion:232 Resp: 157298
Ion Ratio Lower Upper
232 100
131 40.0 31.0 46.6
130 2.4 1.8 2.8
166 25.0 18.8 28.2



#60
Diethylphthalate
Concen: 47.484 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:149 Resp: 552027
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.6 9.7 14.5

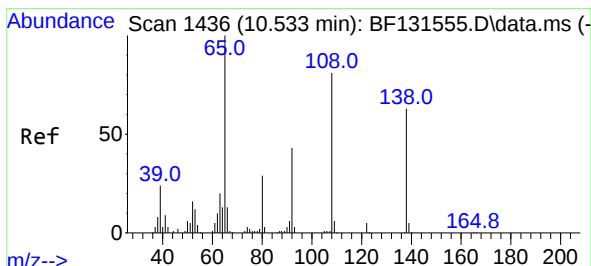
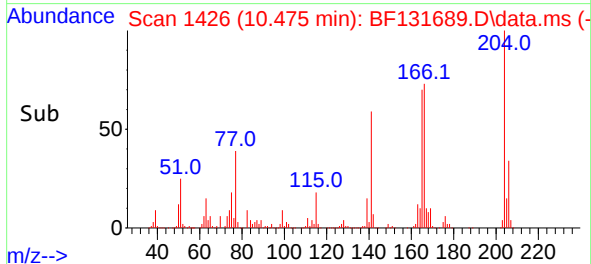
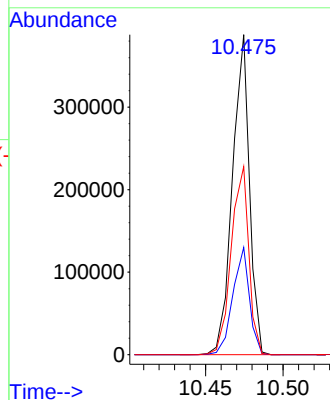
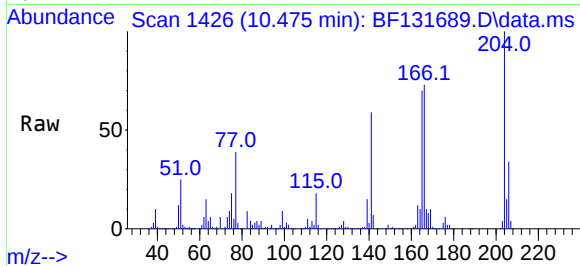




#61
4-Chlorophenyl-phenylether
Concen: 46.232 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

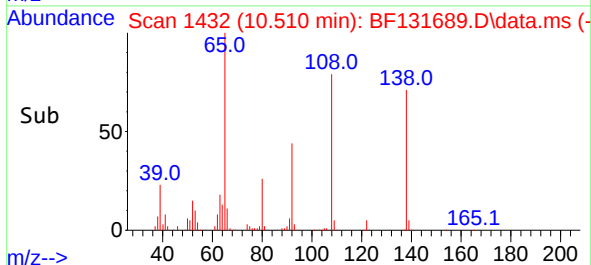
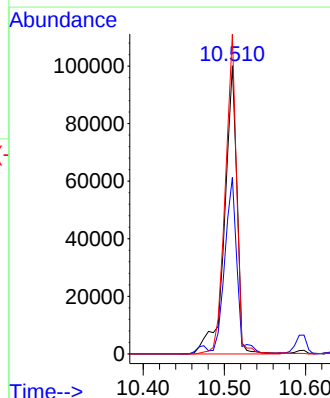
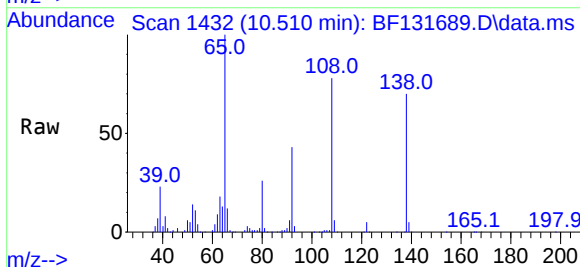
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

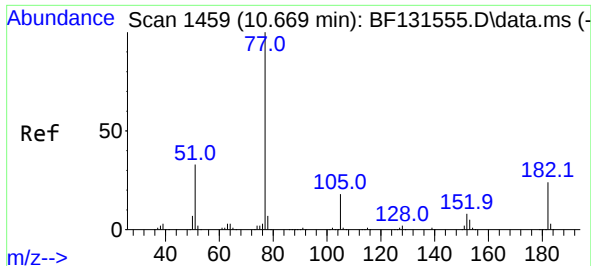
Tgt Ion:204 Resp: 295512
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.2
141 58.7 49.5 74.3



#62
4-Nitroaniline
Concen: 44.989 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:138 Resp: 106978
Ion Ratio Lower Upper
138 100
92 61.2 47.5 87.5
108 111.0 108.8 148.8

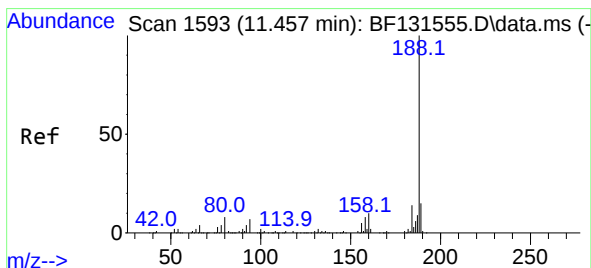
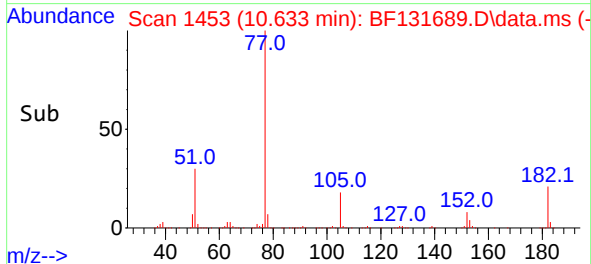
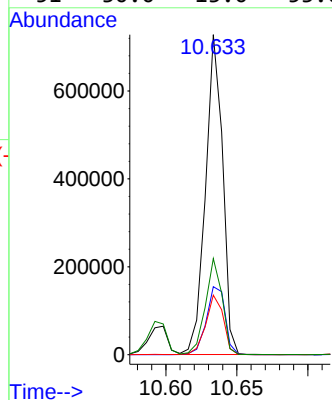
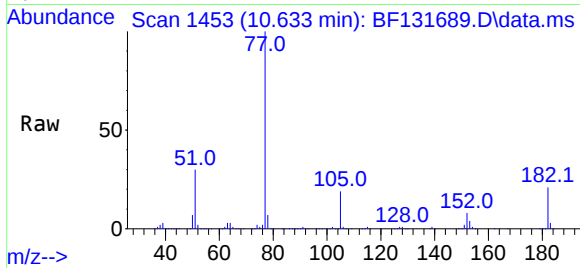




#63
Azobenzene
Concen: 46.228 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

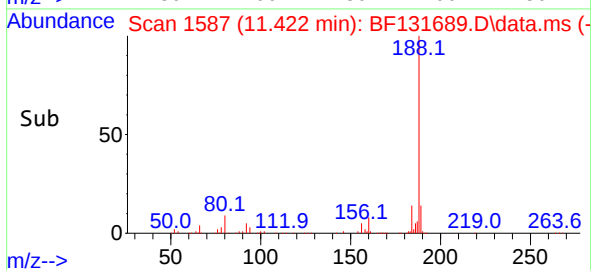
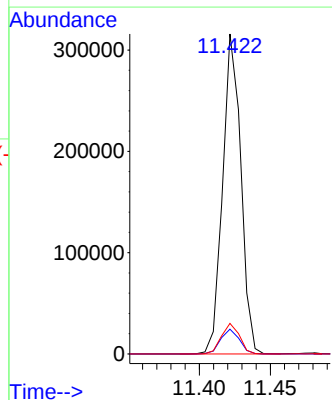
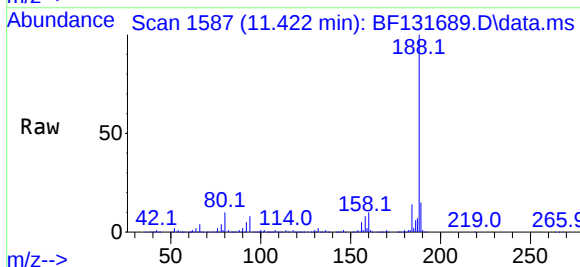
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

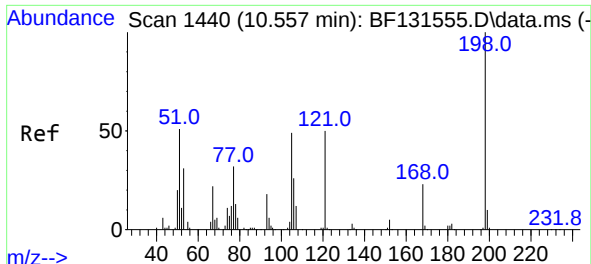
Tgt Ion:	77	Resp:	612959
Ion	Ratio	Lower	Upper
77	100		
182	21.3	3.9	43.9
105	18.6	0.0	38.3
51	30.0	13.0	53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:	188	Resp:	280834
Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.5	8.3
80	9.6	6.6	10.0

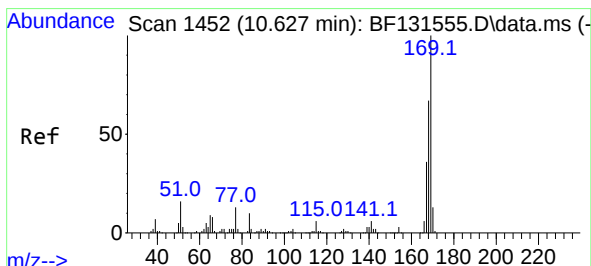
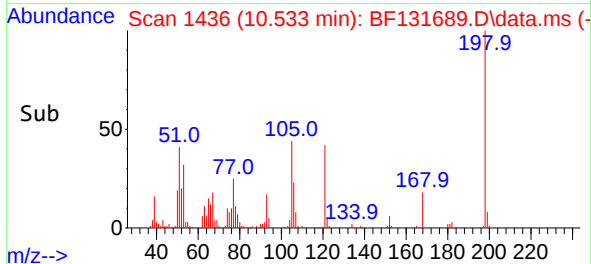
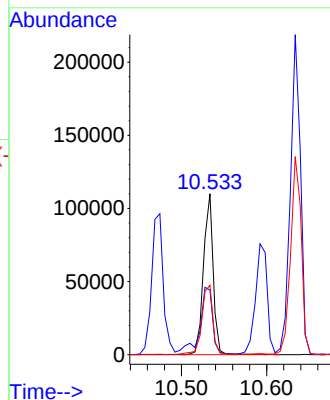
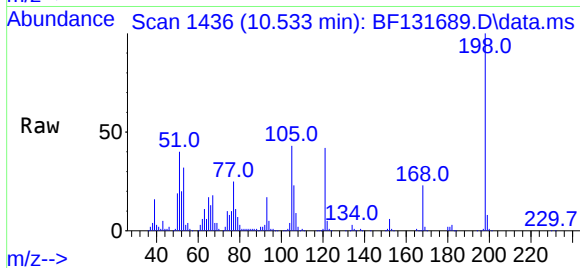




#65
4,6-Dinitro-2-methylphenol
Concen: 49.073 ng
RT: 10.533 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

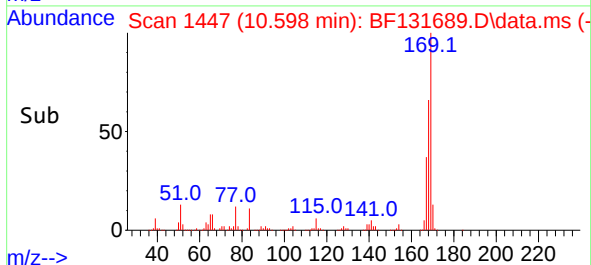
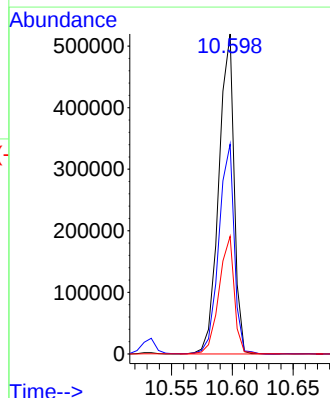
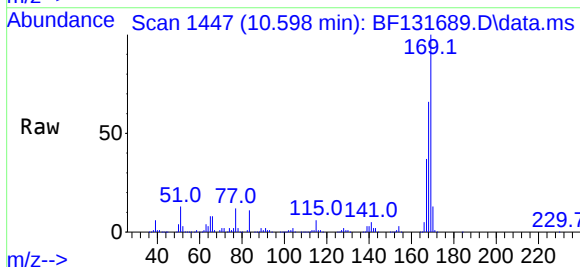
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

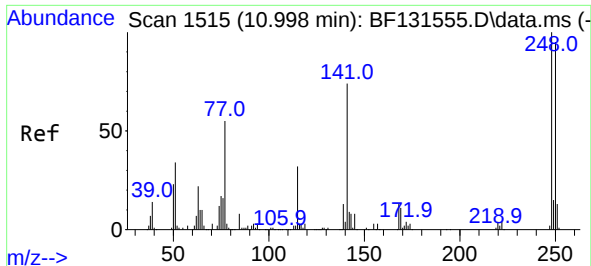
Tgt Ion:198 Resp: 87288
Ion Ratio Lower Upper
198 100
51 40.2 36.7 76.7
105 43.1 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 50.198 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:169 Resp: 455757
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 36.8 29.1 43.7

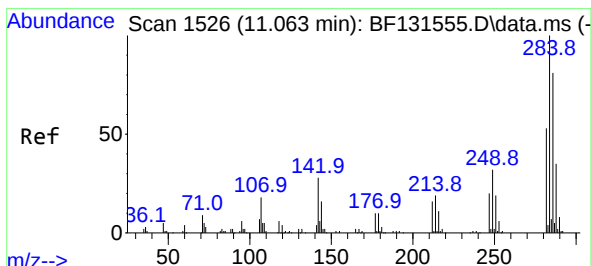
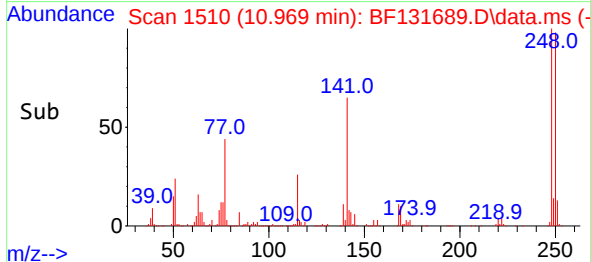
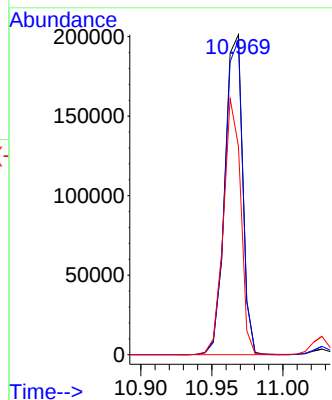
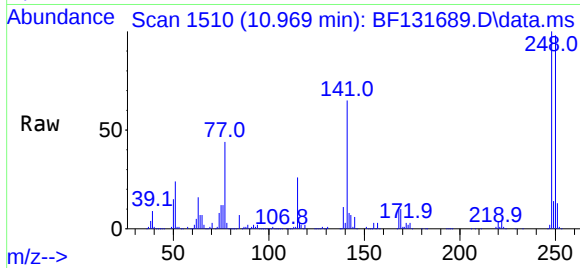




#67
4-Bromophenyl-phenylether
Concen: 48.534 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

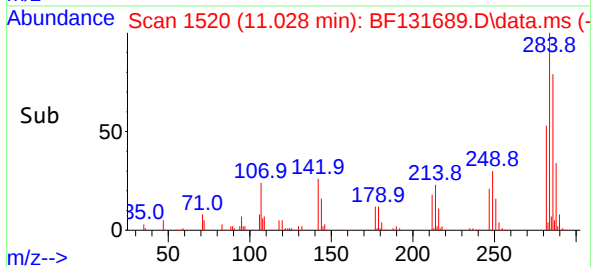
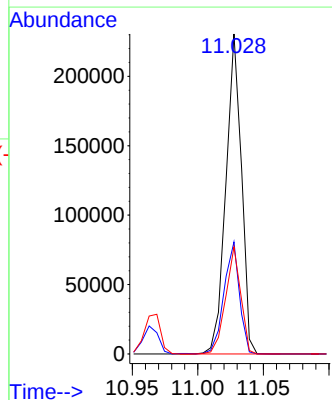
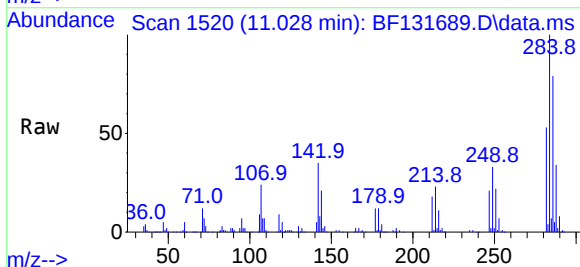
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

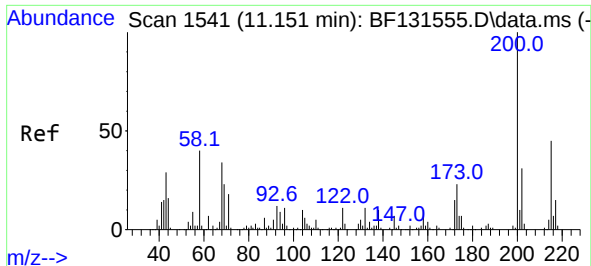
Tgt Ion:248 Resp: 175340
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 65.2 59.5 89.3



#68
Hexachlorobenzene
Concen: 48.391 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:284 Resp: 189101
Ion Ratio Lower Upper
284 100
142 35.0 22.3 33.5#
249 33.5 25.4 38.2

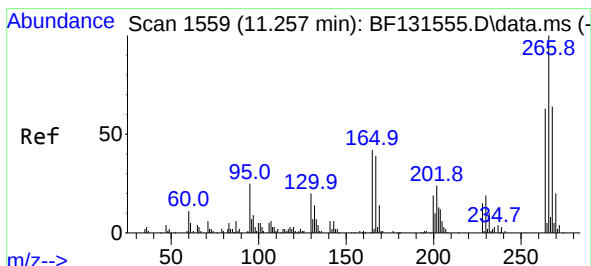
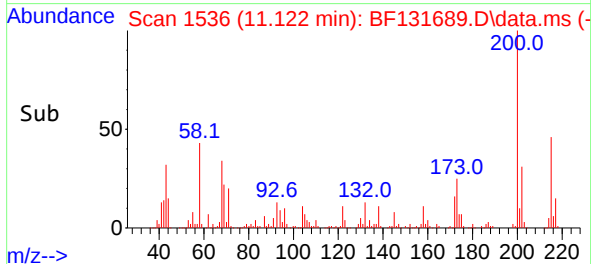
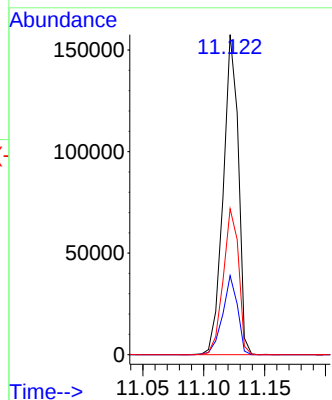
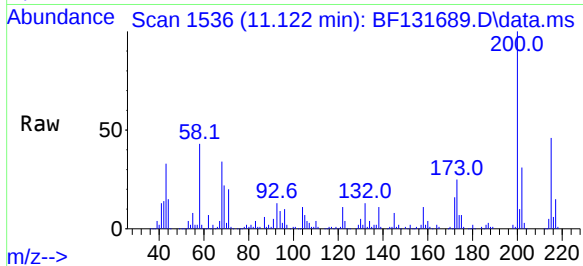




#69
Atrazine
Concen: 47.353 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

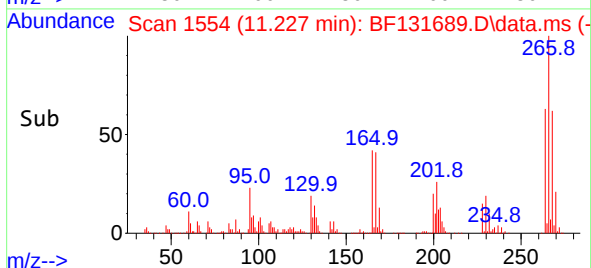
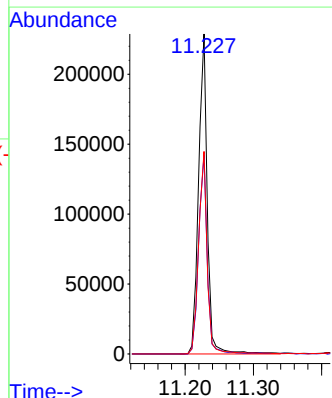
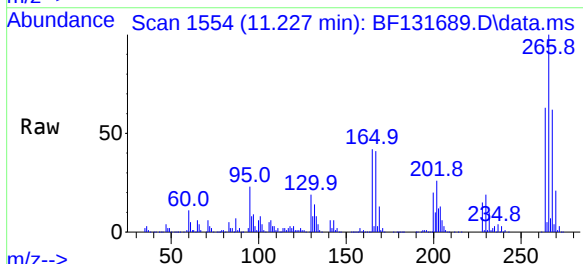
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

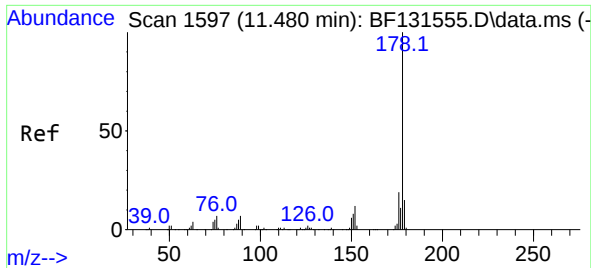
Tgt Ion:200 Resp: 136524
Ion Ratio Lower Upper
200 100
173 24.7 3.4 43.4
215 45.6 25.0 65.0



#70
Pentachlorophenol
Concen: 100.399 ng
RT: 11.227 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:266 Resp: 201977
Ion Ratio Lower Upper
266 100
268 62.2 51.5 77.3
264 63.3 50.7 76.1

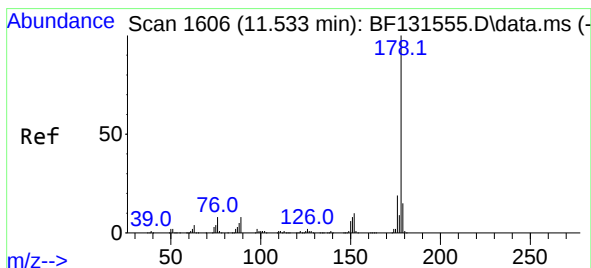
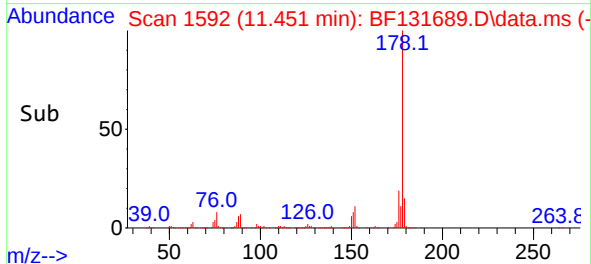
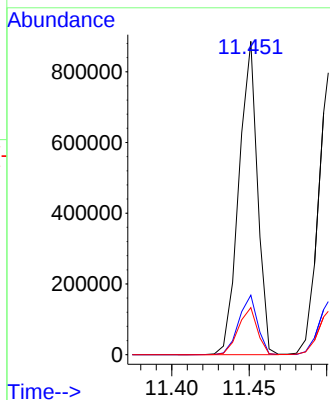
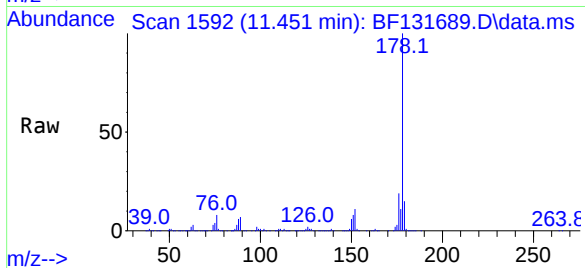




#71
Phenanthrene
Concen: 47.241 ng
RT: 11.451 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

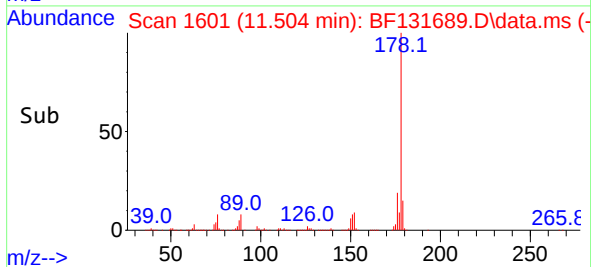
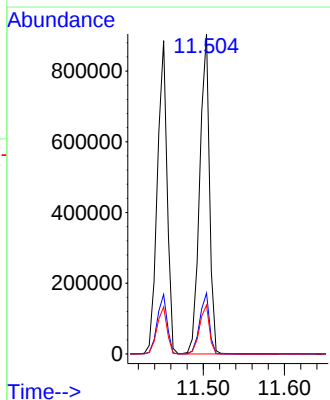
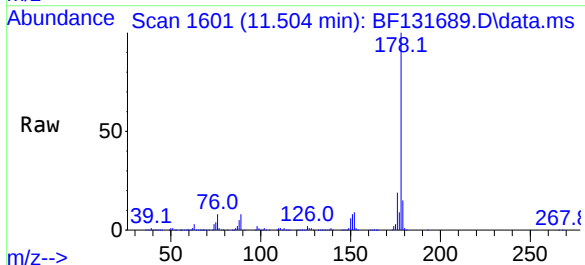
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

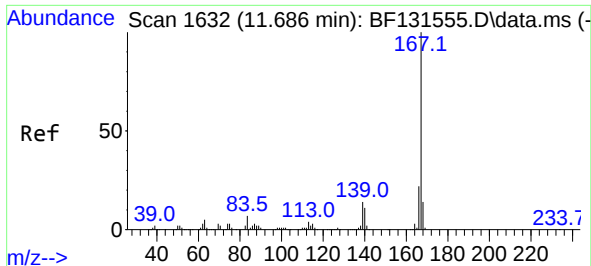
Tgt Ion:178 Resp: 739478
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.0 12.2 18.4



#72
Anthracene
Concen: 49.679 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

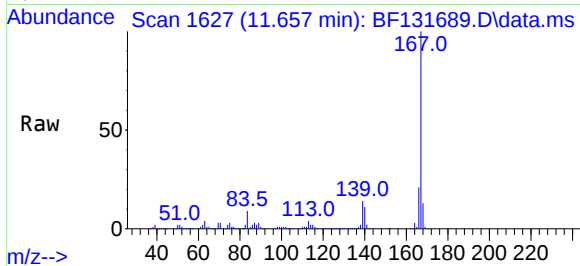
Tgt Ion:178 Resp: 756579
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.2 12.3 18.5



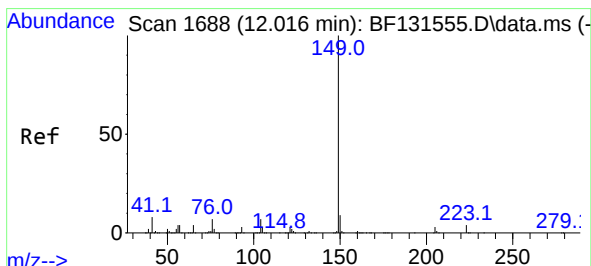
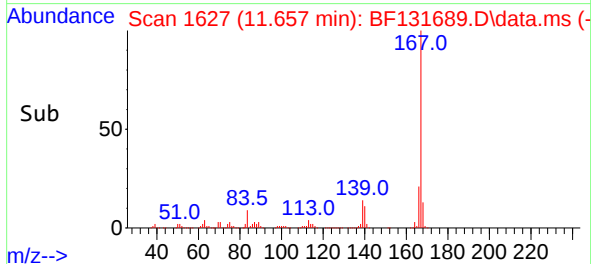
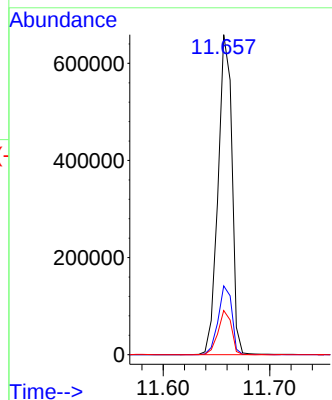


#73
 Carbazole
 Concen: 47.747 ng
 RT: 11.657 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MSD

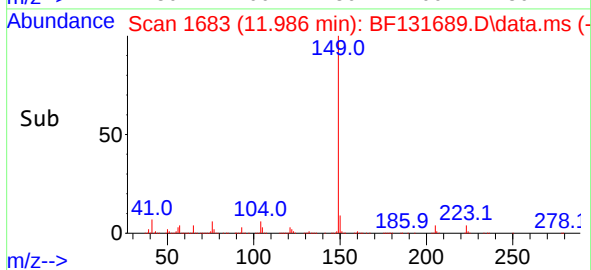
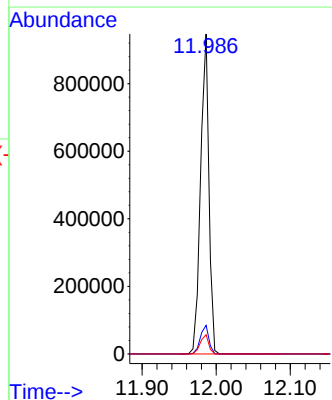
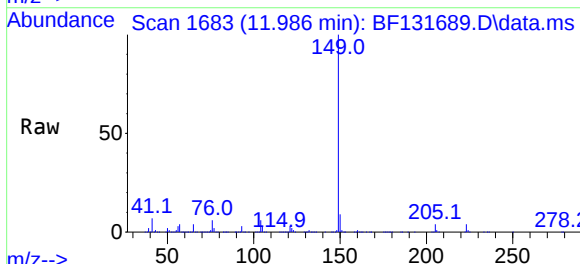


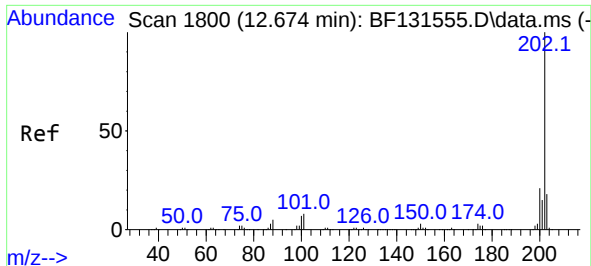
Tgt Ion:167 Resp: 593533
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 48.516 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.006 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

Tgt Ion:149 Resp: 739887
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.0 5.2 7.8

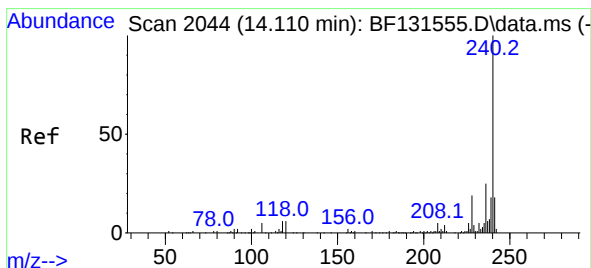
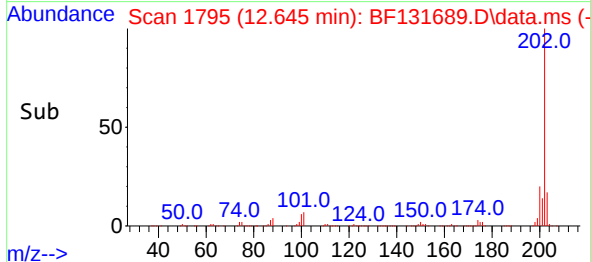
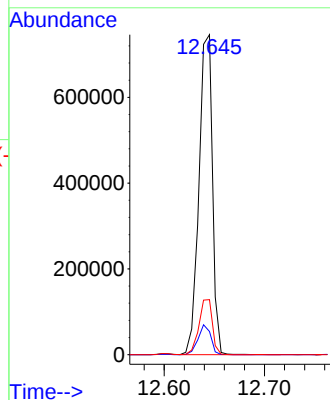
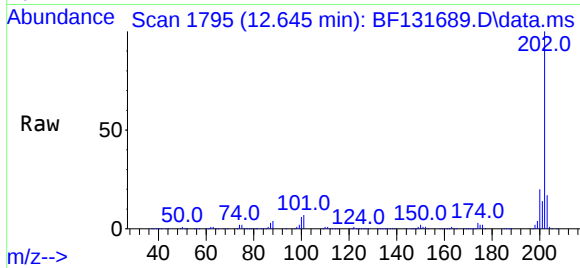




#75
Fluoranthene
Concen: 43.358 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

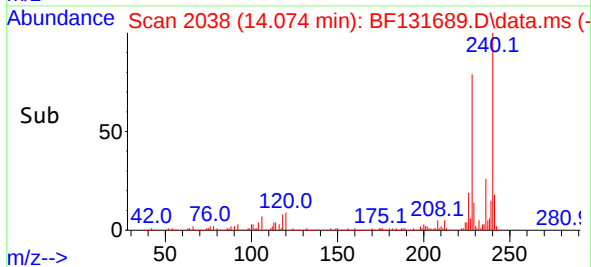
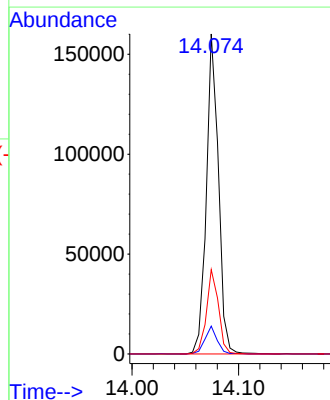
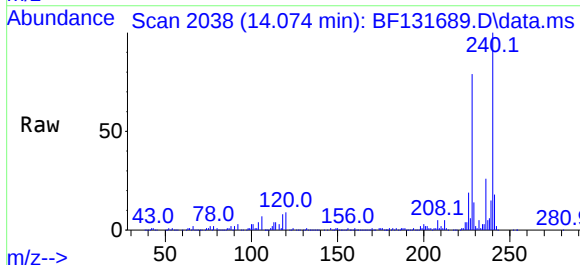
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

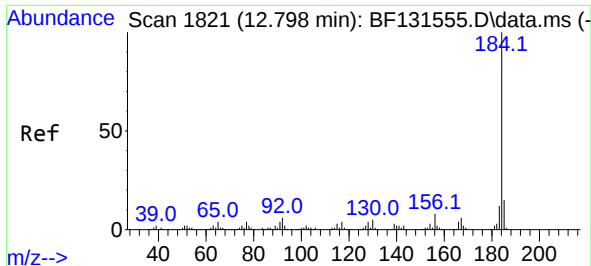
Tgt Ion:202 Resp: 698877
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.7
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:240 Resp: 126787
Ion Ratio Lower Upper
240 100
120 8.7 4.6 7.0#
236 26.3 20.2 30.2

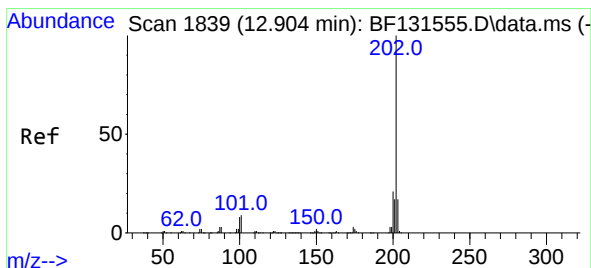
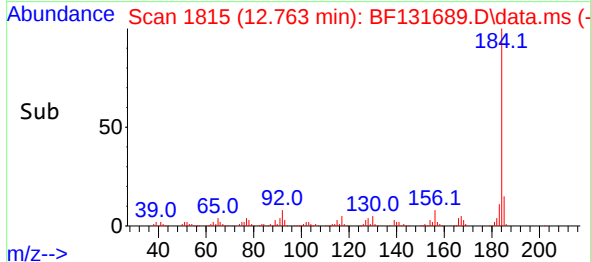
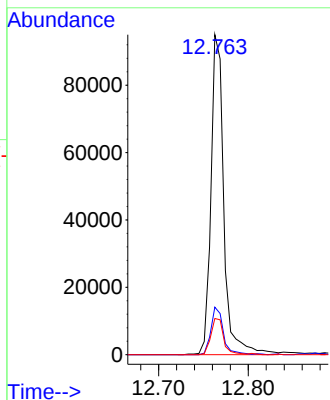
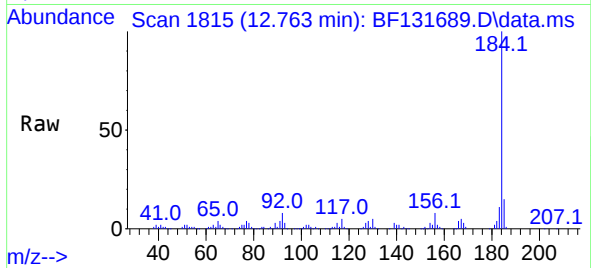




#77
Benzidine
Concen: 27.936 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

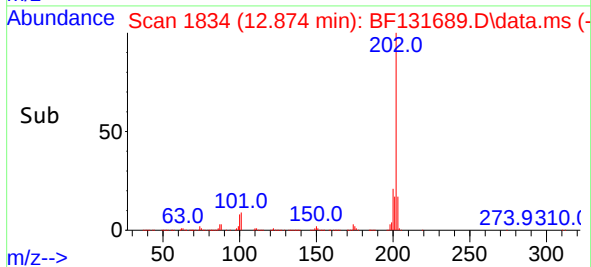
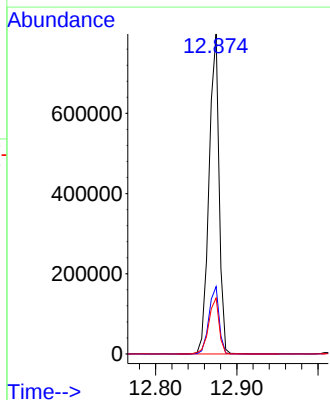
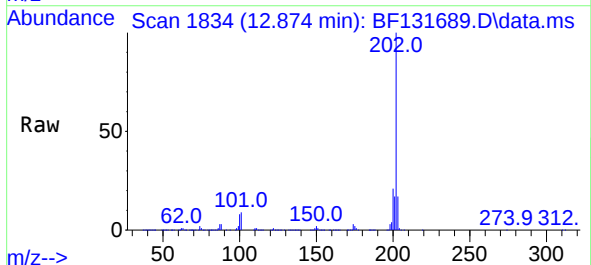
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

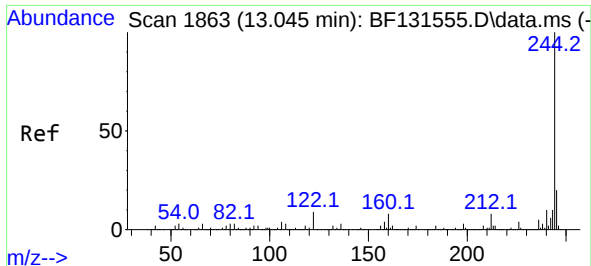
Tgt Ion:184 Resp: 94903
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 9.3 13.9



#78
Pyrene
Concen: 54.753 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:202 Resp: 684515
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 13.8 20.6

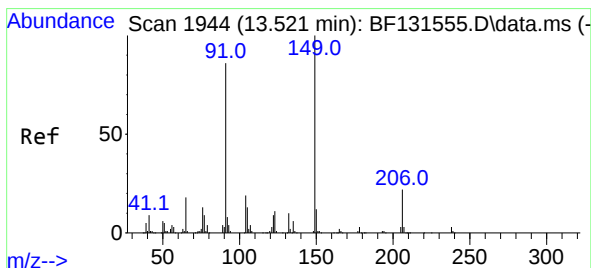
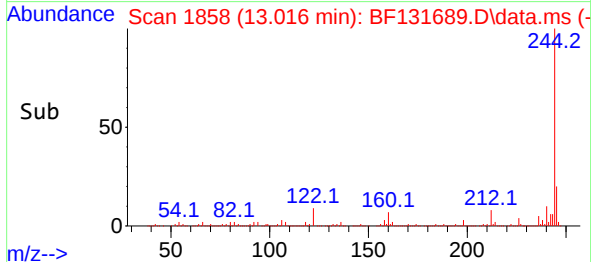
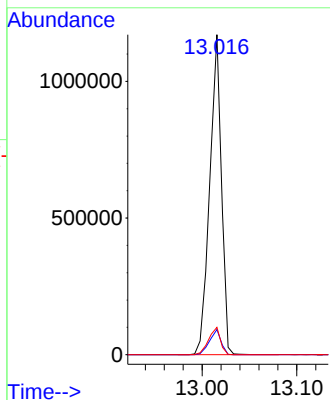
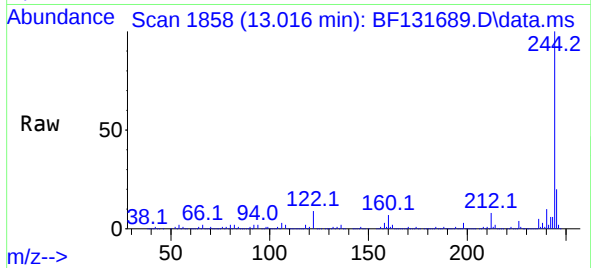




#79
 Terphenyl-d14
 Concen: 108.397 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

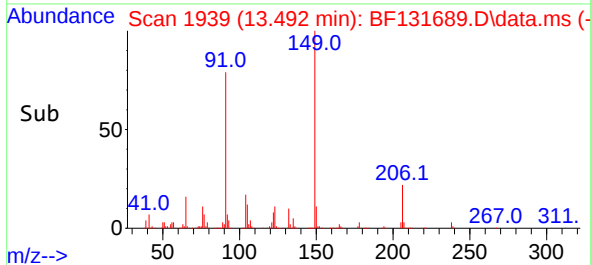
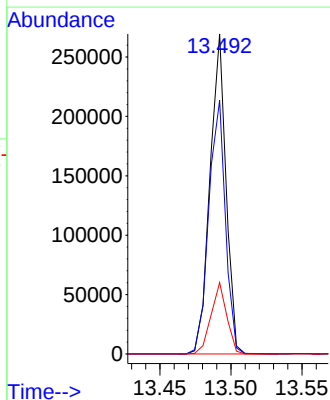
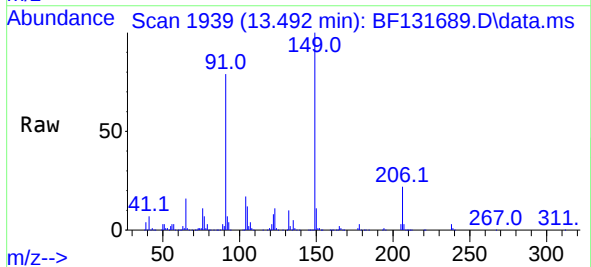
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20221214MSD

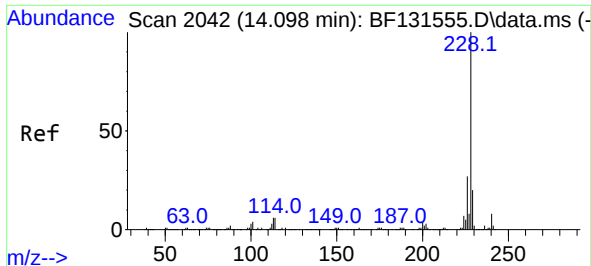
Tgt Ion:244 Resp: 1002136
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 58.293 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF131689.D
 Acq: 19 Dec 2022 15:18

Tgt Ion:149 Resp: 210902
 Ion Ratio Lower Upper
 149 100
 91 79.3 69.0 103.4
 206 22.3 17.8 26.8

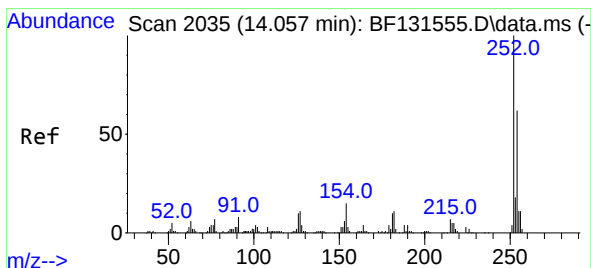
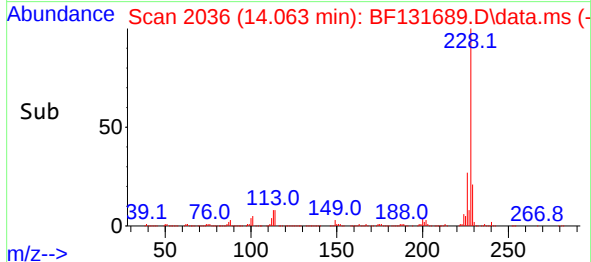
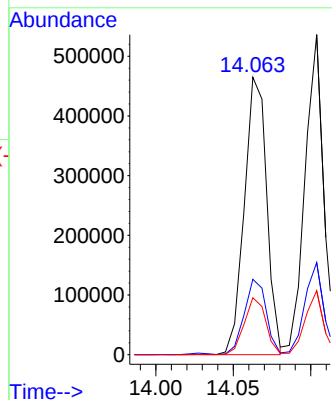
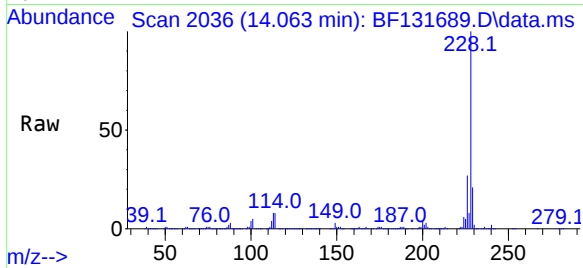




#81
Benzo(a)anthracene
Concen: 51.123 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

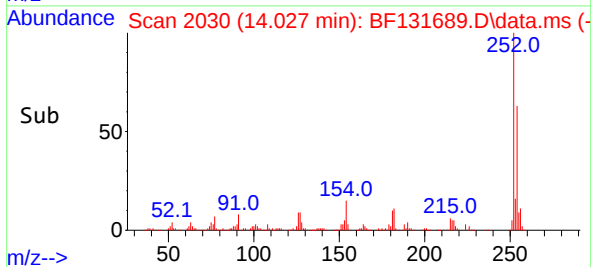
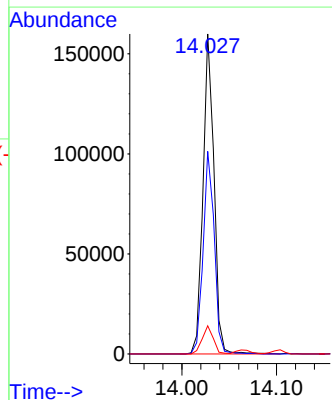
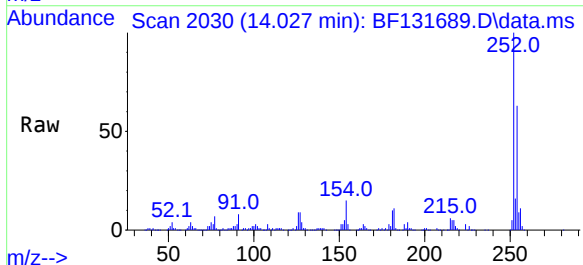
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

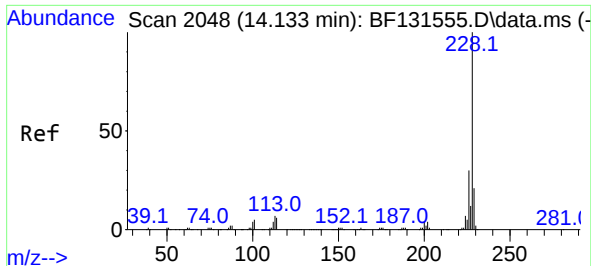
Tgt Ion:228 Resp: 468083
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 20.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 49.327 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:252 Resp: 128499
Ion Ratio Lower Upper
252 100
254 63.3 49.6 74.4
126 8.8 7.9 11.9

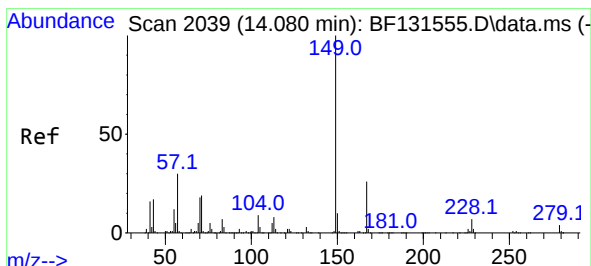
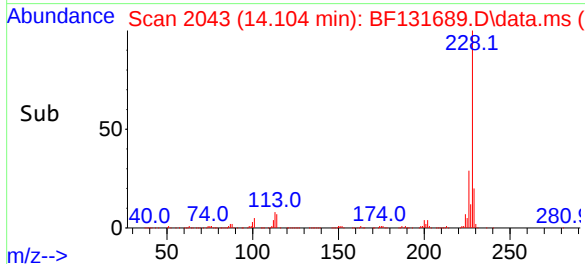
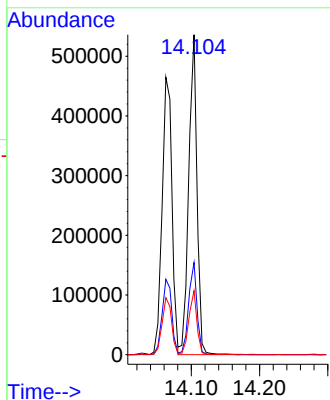
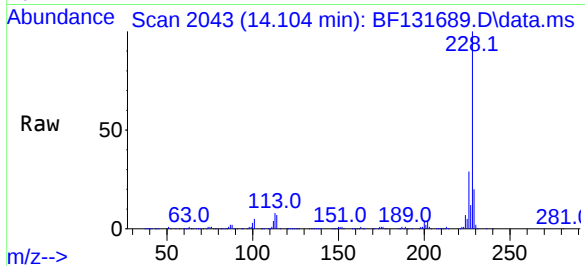




#83
Chrysene
Concen: 51.424 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

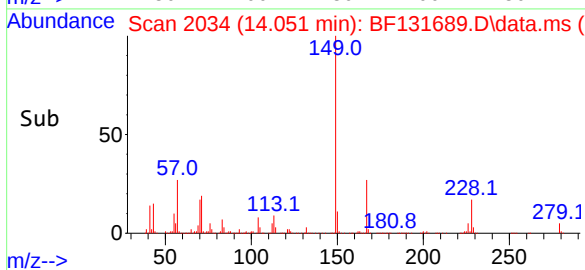
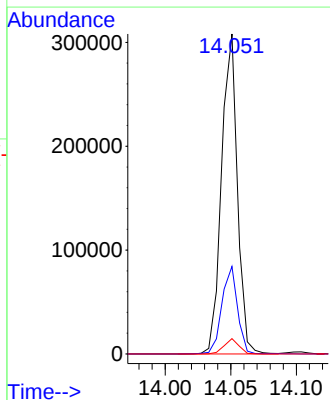
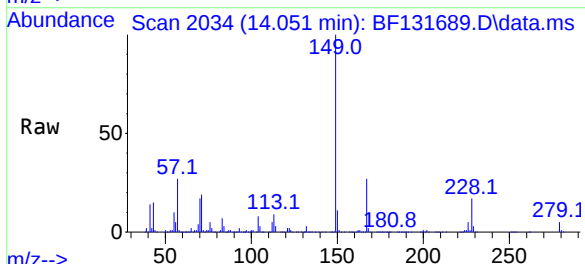
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

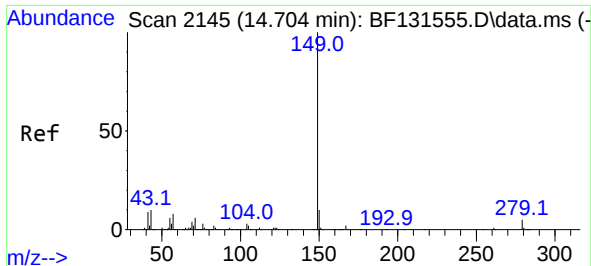
Tgt Ion:228 Resp: 447625
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 20.0 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.148 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:149 Resp: 258410
Ion Ratio Lower Upper
149 100
167 27.3 20.8 31.2
279 4.8 3.3 4.9

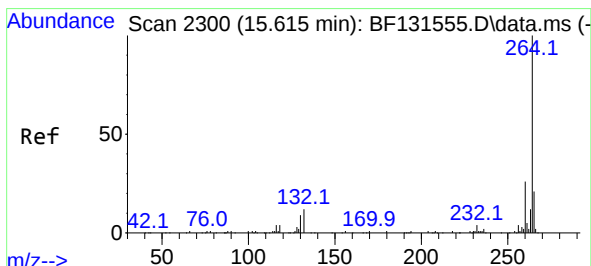
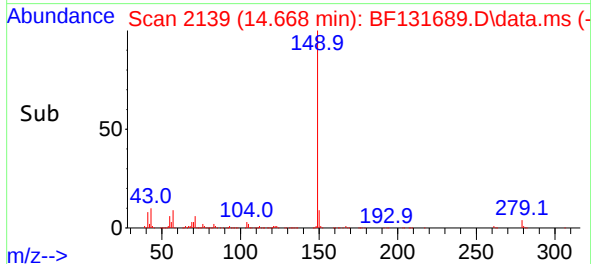
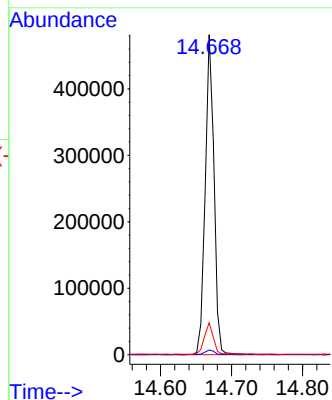
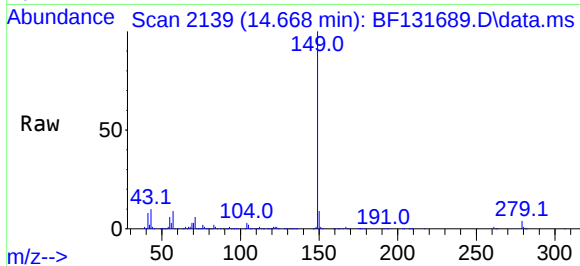




#85
Di-n-octyl phthalate
Concen: 50.997 ng
RT: 14.668 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

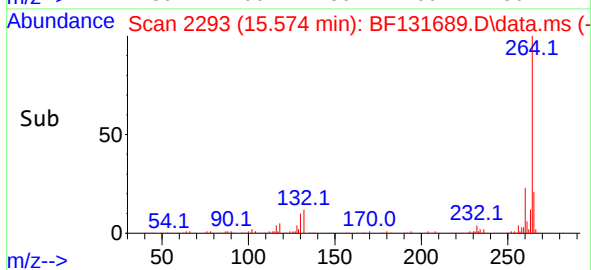
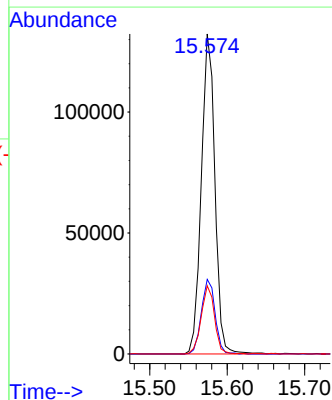
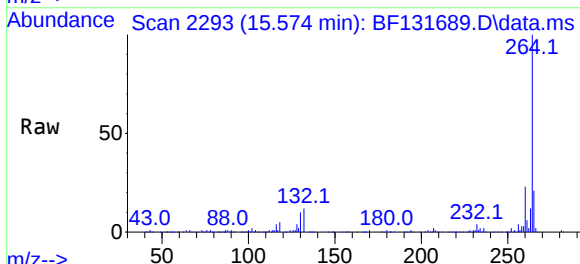
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

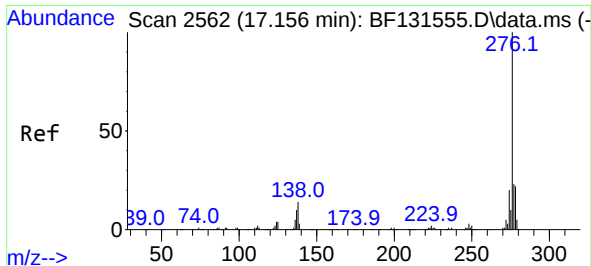
Tgt Ion:149 Resp: 414825
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:264 Resp: 161092
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.3 16.8 25.2

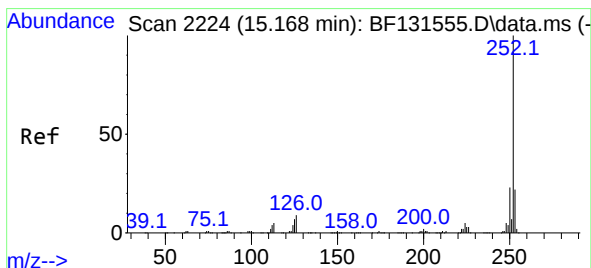
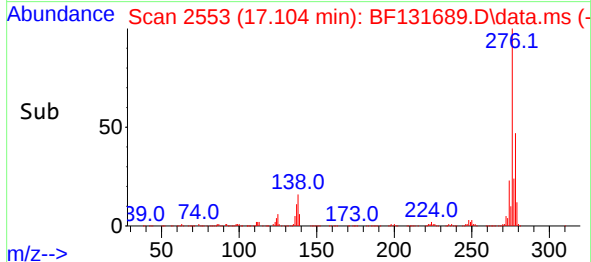
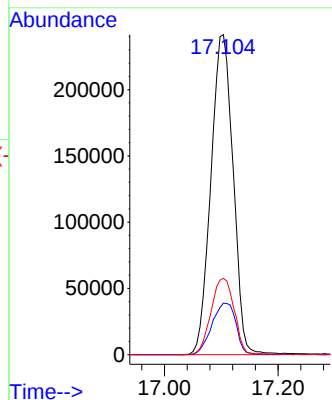
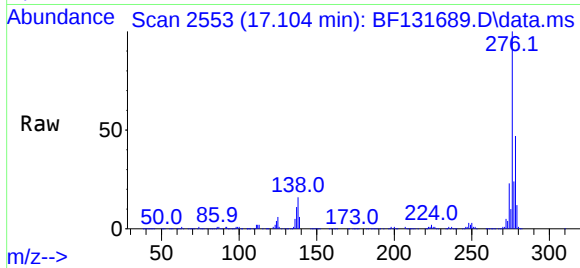




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.856 ng
RT: 17.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

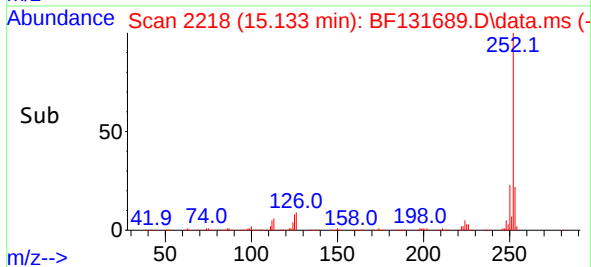
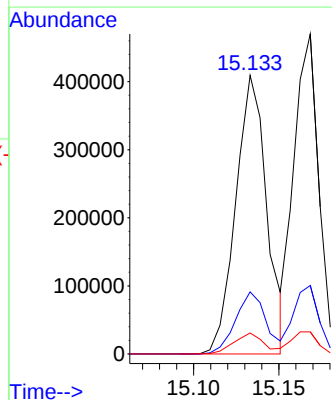
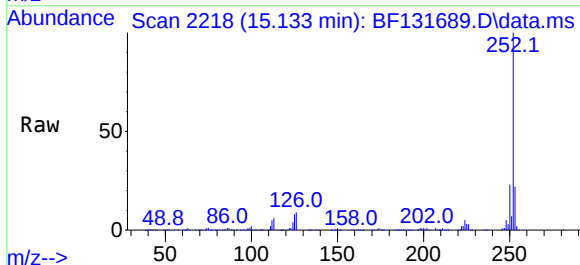
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

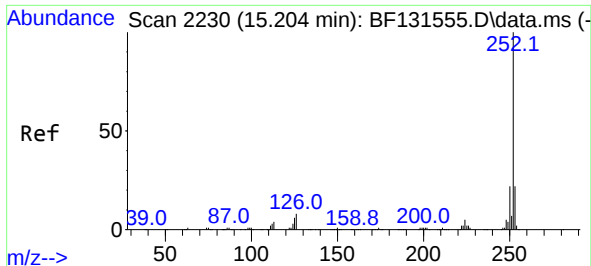
Tgt Ion:	276	Resp:	655441
Ion Ratio	Lower	Upper	
276	100		
138	17.5	12.7	19.1
277	25.1	20.0	30.0



#88
Benzo(b)fluoranthene
Concen: 48.937 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:	252	Resp:	519581
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	7.5	5.6	8.4

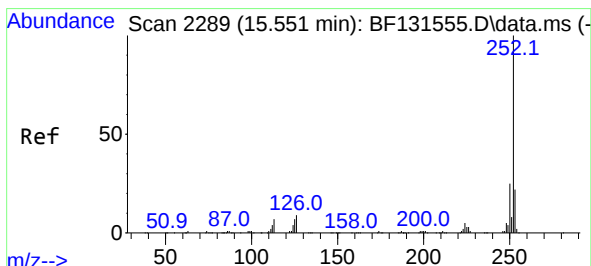
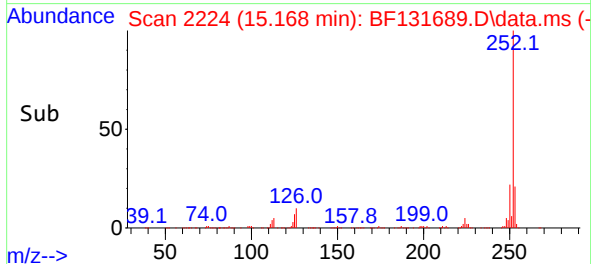
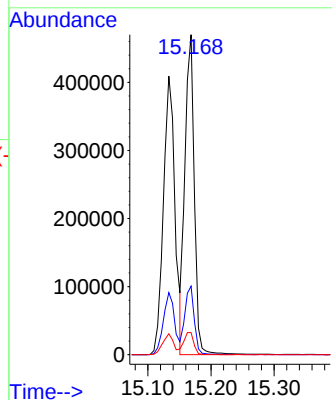
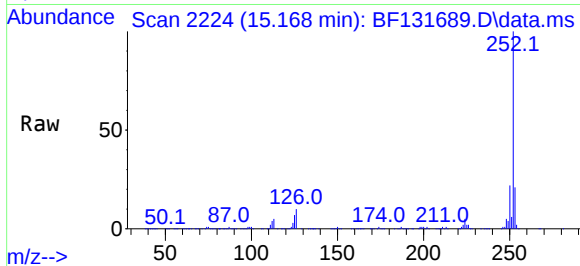




#89
Benzo(k)fluoranthene
Concen: 43.792 ng
RT: 15.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

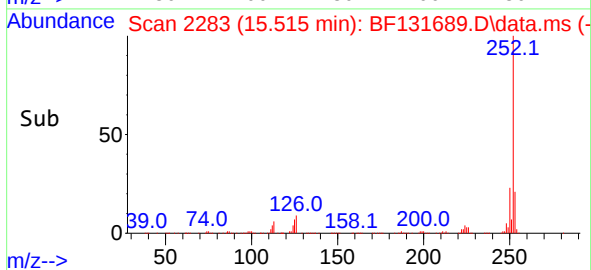
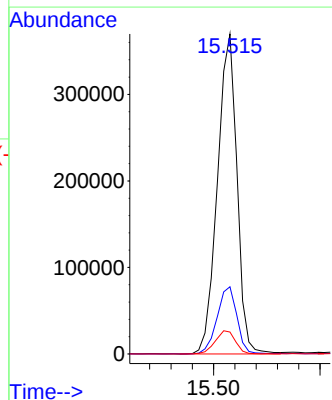
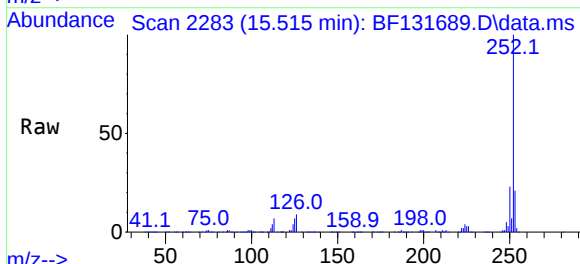
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

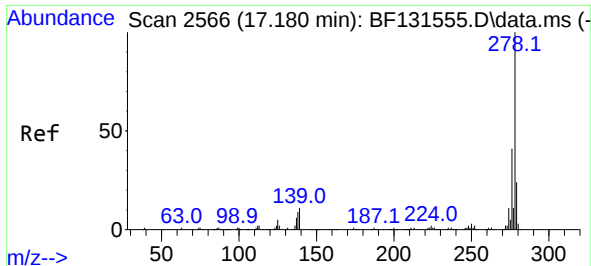
Tgt Ion:252 Resp: 485297
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 6.9 4.9 7.3



#90
Benzo(a)pyrene
Concen: 51.930 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:252 Resp: 470528
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 6.9 5.6 8.4

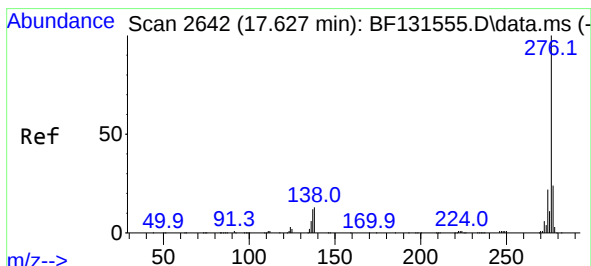
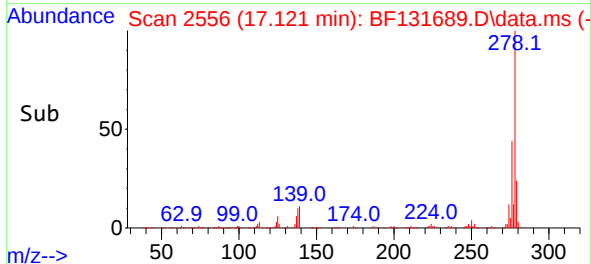
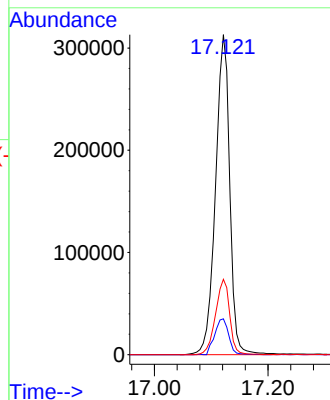
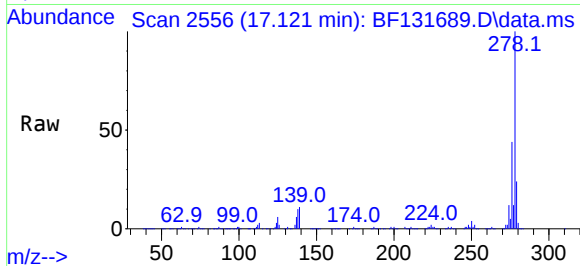




#91
Dibenzo(a,h)anthracene
Concen: 50.215 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20221214MSD

Tgt Ion:278 Resp: 543332
Ion Ratio Lower Upper
278 100
139 11.2 8.9 13.3
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.930 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.006 min
Lab File: BF131689.D
Acq: 19 Dec 2022 15:18

Tgt Ion:276 Resp: 542957
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 16.4 10.7 16.1#

