

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138509.D
 Acq On : 10 Jul 2024 19:17
 Operator : CG\JU
 Sample : P3170-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2MS

Quant Time: Jul 11 00:51:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91012	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	357660	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187239	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	273414	20.000	ng	0.00
76) Chrysene-d12	14.021	240	152250	20.000	ng	0.00
86) Perylene-d12	15.486	264	184054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	644306	112.120	ng	0.01
7) Phenol-d6	6.510	99	872070	114.076	ng	0.00
23) Nitrobenzene-d5	7.433	82	573826	78.772	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	195292	111.600	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	950526	79.341	ng	0.00
79) Terphenyl-d14	12.968	244	692185	74.066	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	120061	47.173	ng	100
3) Pyridine	3.481	79	315093	50.202	ng	98
4) n-Nitrosodimethylamine	3.451	42	236472	57.876	ng	98
6) Aniline	6.533	93	309796	43.266	ng	97
8) 2-Chlorophenol	6.657	128	346073	56.953	ng	98
9) Benzaldehyde	6.416	77	43336	10.591	ng	97
10) Phenol	6.522	94	445055	54.848	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	339992	55.651	ng	98
12) 1,3-Dichlorobenzene	6.810	146	361496	52.926	ng	99
13) 1,4-Dichlorobenzene	6.886	146	364431	52.542	ng	98
14) 1,2-Dichlorobenzene	7.033	146	354562	54.886	ng	99
15) Benzyl Alcohol	7.010	79	330291	57.571	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	662977	55.183	ng	98
17) 2-Methylphenol	7.128	107	277709	55.765	ng	94
18) Hexachloroethane	7.375	117	138853	54.456	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	263910	55.870	ng	97
20) 3+4-Methylphenols	7.275	107	339758	54.178	ng	# 86
22) Acetophenone	7.275	105	442048	50.889	ng	# 94
24) Nitrobenzene	7.451	77	399108	53.913	ng	97
25) Isophorone	7.686	82	714174	57.088	ng	99
26) 2-Nitrophenol	7.763	139	184033	58.002	ng	91
27) 2,4-Dimethylphenol	7.804	122	239861	61.509	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	421230	56.341	ng	98
29) 2,4-Dichlorophenol	8.010	162	285933	56.464	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	317564	53.831	ng	99
31) Naphthalene	8.169	128	1007967	54.188	ng	100
32) Benzoic acid	7.939	122	177463	47.714	ng	96
33) 4-Chloroaniline	8.216	127	161144	24.690	ng	98
34) Hexachlorobutadiene	8.280	225	194098	53.431	ng	99
35) Caprolactam	8.592	113	49908	30.542	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	308161	54.356	ng	100
37) 2-Methylnaphthalene	8.863	142	646651	54.021	ng	100
38) 1-Methylnaphthalene	8.963	142	597724	51.164	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	281751	53.991	ng	98
41) Hexachlorocyclopentadiene	9.010	237	281540	166.216	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	191376	57.492	ng	99

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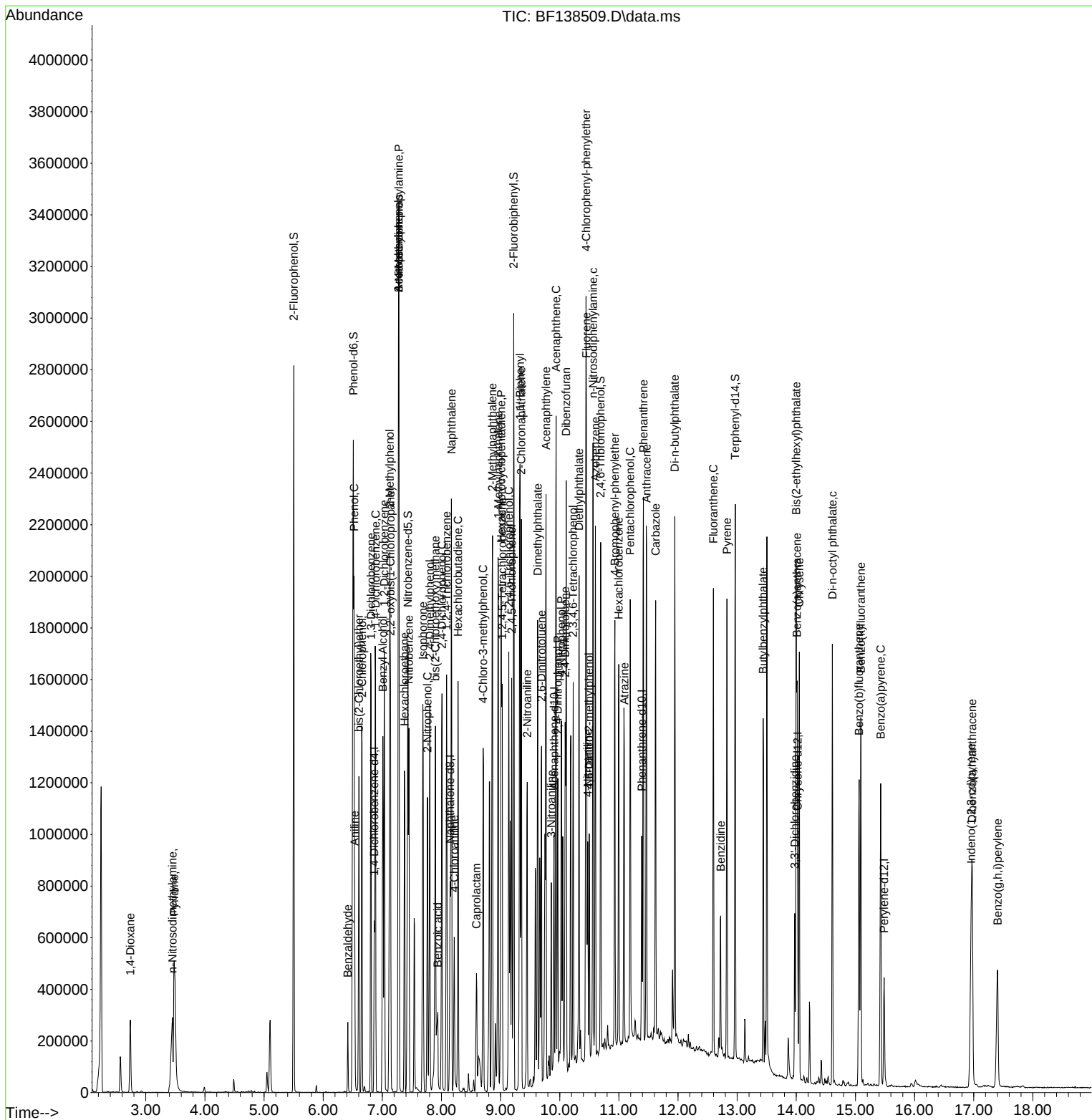
Instrument :
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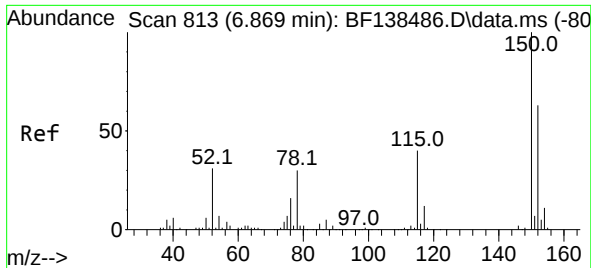
Quant Time: Jul 11 00:51:33 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	199599	54.517	ng	95
46) 1,1'-Biphenyl	9.327	154	752183	53.009	ng	100
47) 2-Chloronaphthalene	9.351	162	603160	56.266	ng	99
48) 2-Nitroaniline	9.451	65	211657	56.978	ng	98
49) Acenaphthylene	9.769	152	913986	60.053	ng	99
50) Dimethylphthalate	9.627	163	694873	57.393	ng	100
51) 2,6-Dinitrotoluene	9.692	165	152066	54.550	ng	98
52) Acenaphthene	9.939	154	562812	55.631	ng	99
53) 3-Nitroaniline	9.857	138	92919	32.521	ng	94
54) 2,4-Dinitrophenol	9.969	184	130345	86.707	ng	90
55) Dibenzofuran	10.110	168	809196	55.145	ng	98
56) 4-Nitrophenol	10.027	139	200107	94.919	ng	96
57) 2,4-Dinitrotoluene	10.092	165	194370	53.889	ng	99
58) Fluorene	10.451	166	606546	52.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	159900	55.339	ng	99
60) Diethylphthalate	10.327	149	645666	55.318	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	309615	53.104	ng	100
62) 4-Nitroaniline	10.474	138	135474	47.317	ng	99
63) Azobenzene	10.604	77	681389	54.299	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	99276	62.884	ng	# 74
66) n-Nitrosodiphenylamine	10.563	169	523222	63.872	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	175508	62.454	ng	96
68) Hexachlorobenzene	10.998	284	185682	59.477	ng	94
69) Atrazine	11.092	200	155453	57.238	ng	98
70) Pentachlorophenol	11.192	266	190000	102.852	ng	96
71) Phenanthrene	11.416	178	785771	56.886	ng	99
72) Anthracene	11.468	178	803292	58.584	ng	100
73) Carbazole	11.621	167	640624	51.989	ng	99
74) Di-n-butylphthalate	11.945	149	873057	61.467	ng	99
75) Fluoranthene	12.598	202	676864	48.022	ng	98
77) Benzidine	12.721	184	207685	54.067	ng	99
78) Pyrene	12.827	202	671434	43.443	ng	99
80) Butylbenzylphthalate	13.439	149	286414	61.604	ng	95
81) Benzo(a)anthracene	14.009	228	572895	56.078	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	119204	45.283	ng	99
83) Chrysene	14.051	228	555296	57.458	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	407501	82.182	ng	100
85) Di-n-octyl phthalate	14.609	149	704104	89.887	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	528659	42.762	ng	100
88) Benzo(b)fluoranthene	15.062	252	590513	56.970	ng	99
89) Benzo(k)fluoranthene	15.092	252	570981	56.481	ng	100
90) Benzo(a)pyrene	15.427	252	552913	60.723	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	434140	42.929	ng	99
92) Benzo(g,h,i)perylene	17.403	276	379389	35.378	ng	97

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

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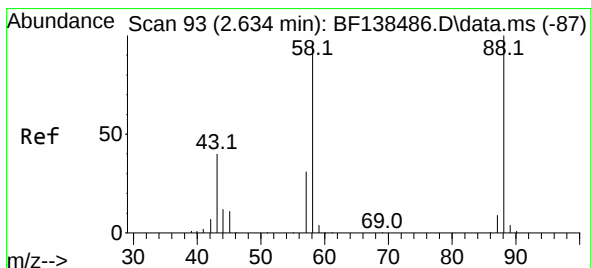
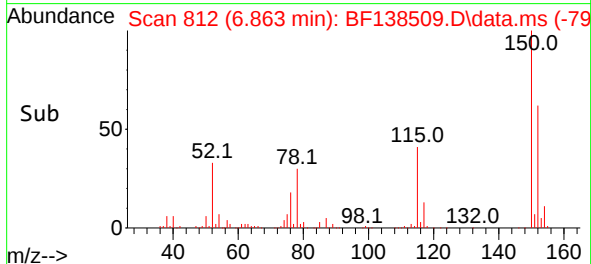
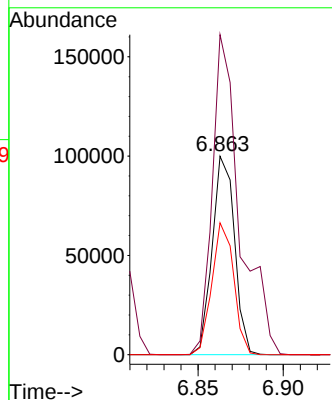
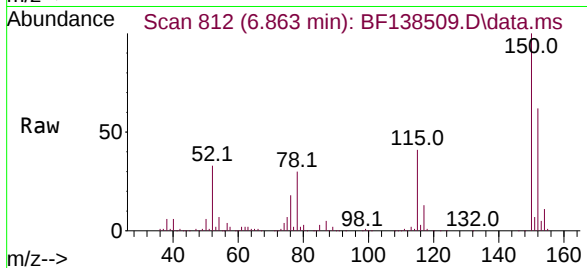




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

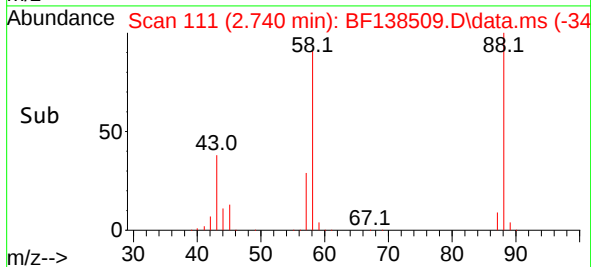
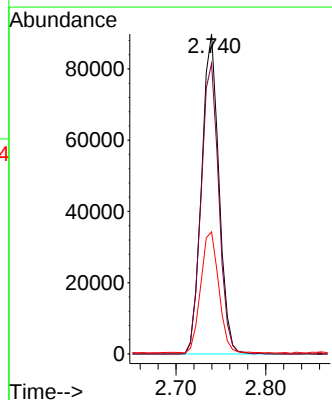
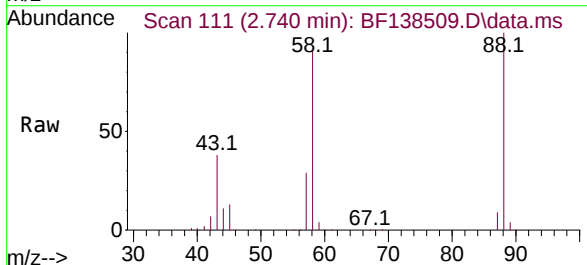
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2MS

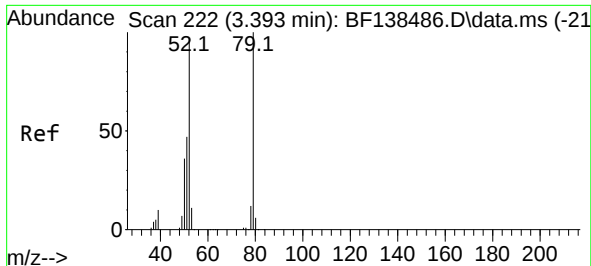
Tgt Ion:152 Resp: 91012
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.2 189.4
 115 66.4 50.3 75.5



#2
 1,4-Dioxane
 Concen: 47.173 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.106 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

Tgt Ion: 88 Resp: 120061
 Ion Ratio Lower Upper
 88 100
 58 92.9 74.6 112.0
 43 39.5 31.8 47.6





#3

Pyridine

Concen: 50.202 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF138509.D

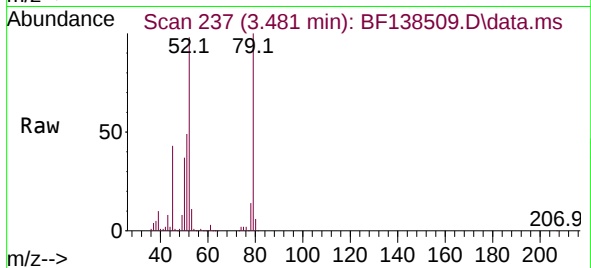
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Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS



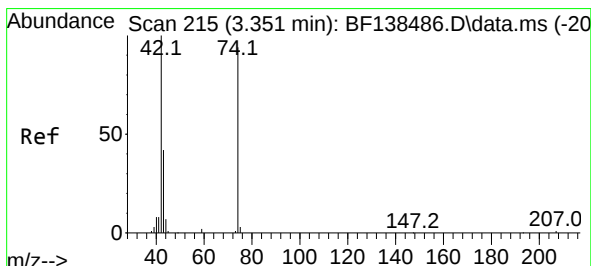
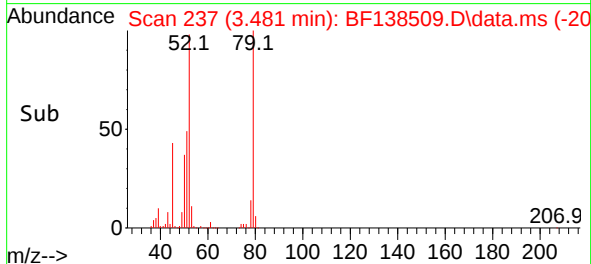
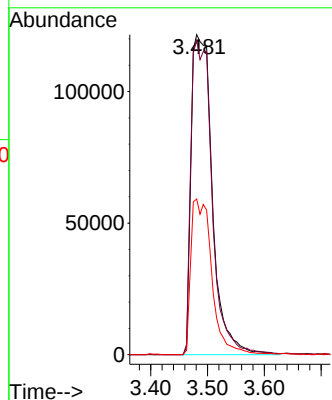
Tgt Ion: 79 Resp: 315093

Ion Ratio Lower Upper

79 100

52 98.3 77.4 116.2

51 48.7 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 57.876 ng

RT: 3.451 min Scan# 232

Delta R.T. 0.100 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

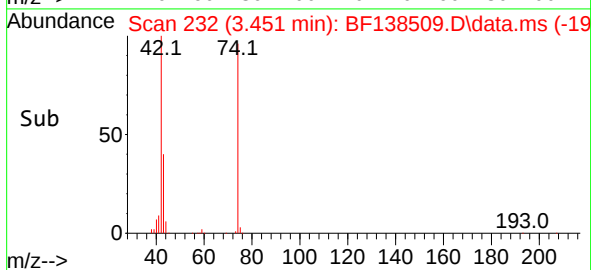
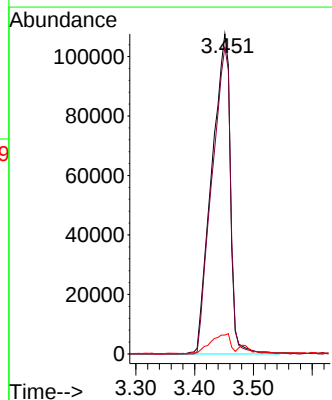
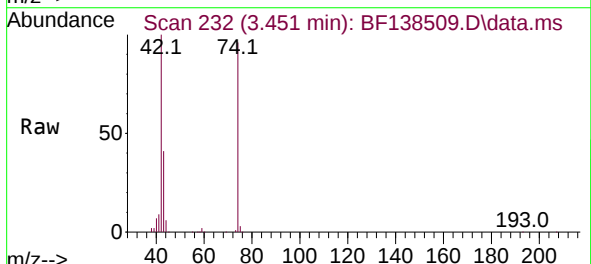
Tgt Ion: 42 Resp: 236472

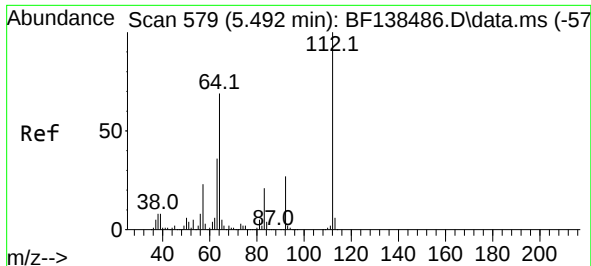
Ion Ratio Lower Upper

42 100

74 95.9 75.0 112.6

44 5.9 5.4 8.2

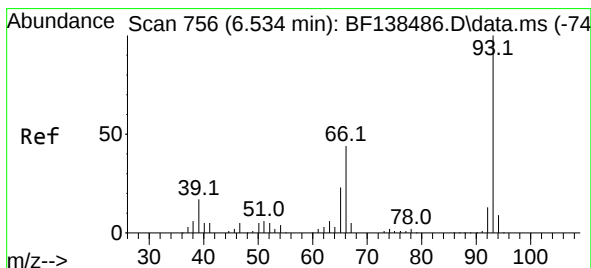
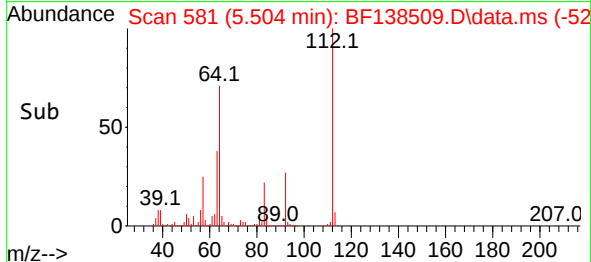
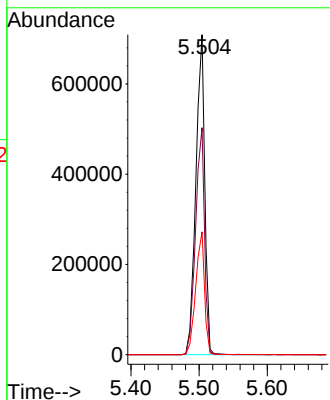
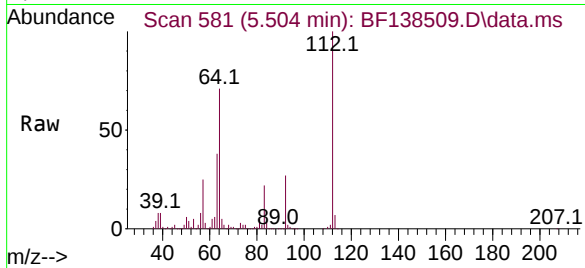




#5
2-Fluorophenol
Concen: 112.120 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

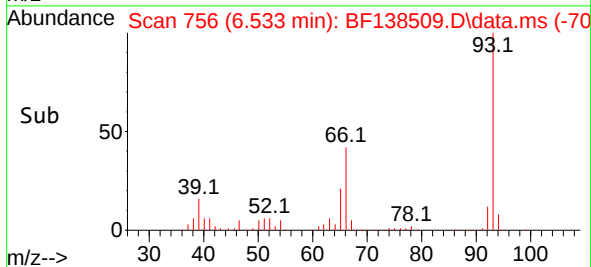
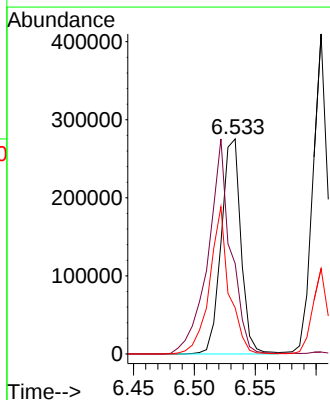
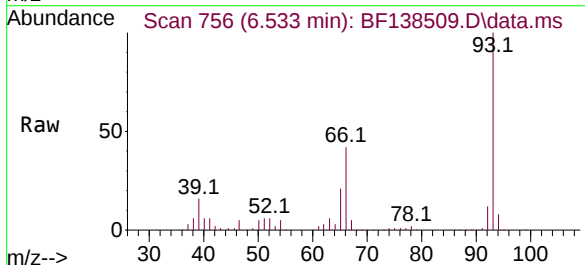
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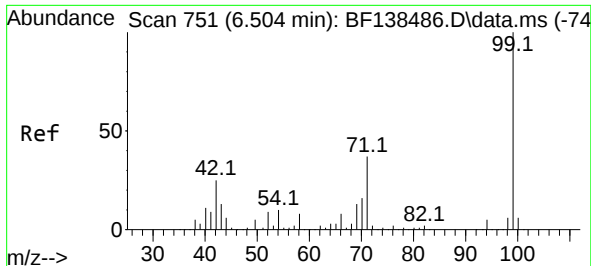
Tgt Ion:112 Resp: 644306
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 38.4 29.0 43.6



#6
Aniline
Concen: 43.266 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 93 Resp: 309796
Ion Ratio Lower Upper
93 100
66 42.1 35.4 53.0
65 21.4 18.6 27.8





#7

Phenol-d6

Concen: 114.076 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

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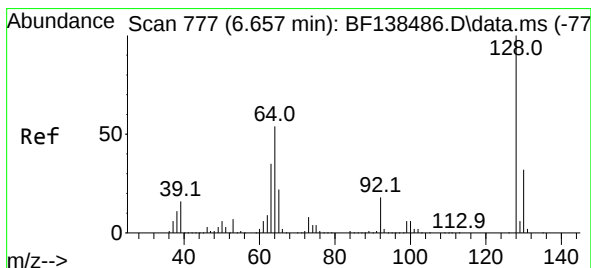
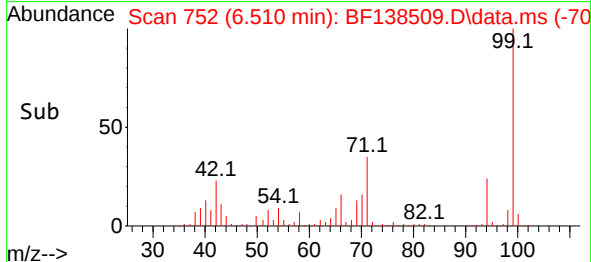
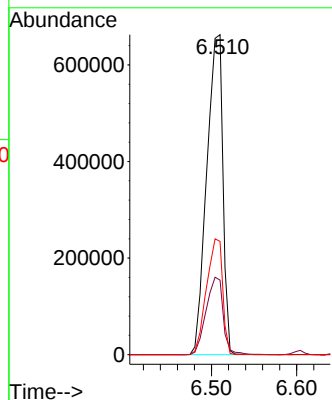
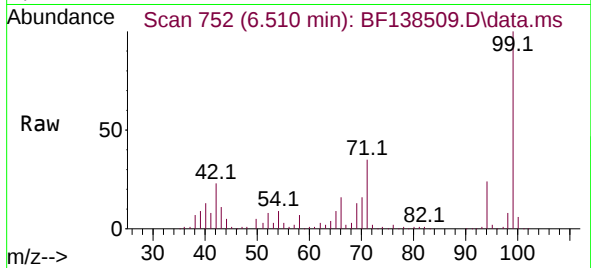
Tgt Ion: 99 Resp: 872070

Ion Ratio Lower Upper

99 100

42 23.3 19.7 29.5

71 35.4 29.9 44.9



#8

2-Chlorophenol

Concen: 56.953 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

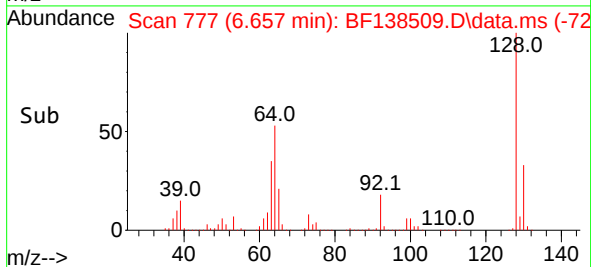
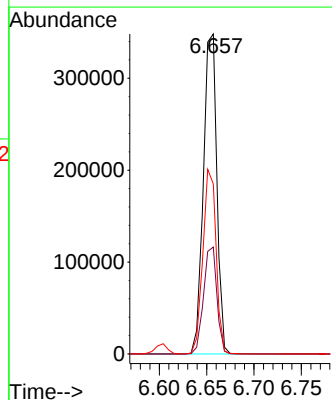
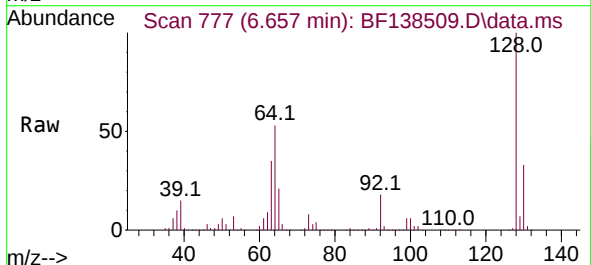
Tgt Ion:128 Resp: 346073

Ion Ratio Lower Upper

128 100

130 33.4 12.1 52.1

64 53.1 34.4 74.4





#9

Benzaldehyde

Concen: 10.591 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

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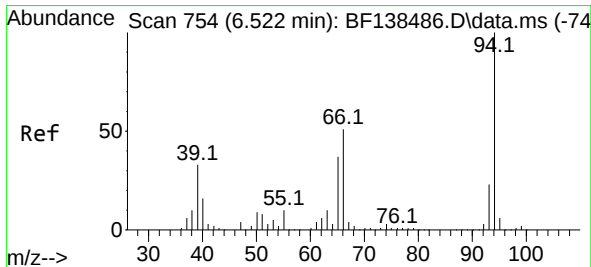
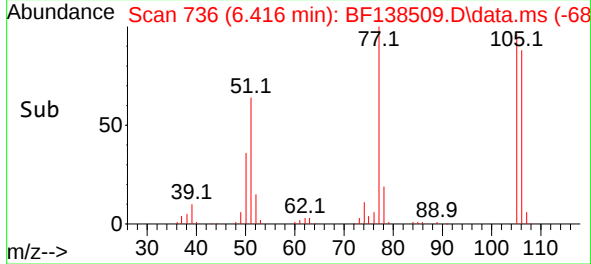
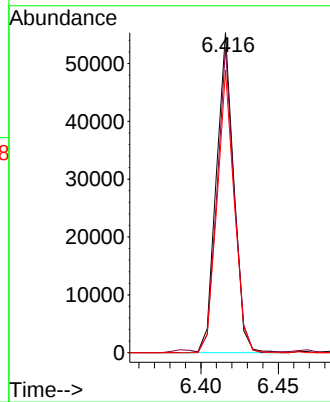
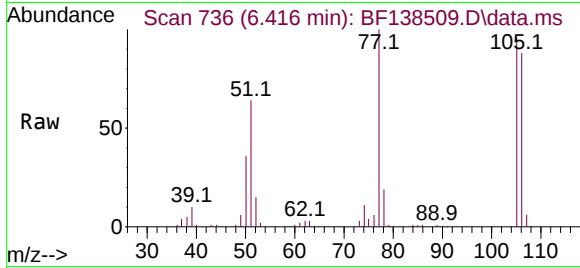
Tgt Ion: 77 Resp: 43336

Ion Ratio Lower Upper

77 100

105 95.5 75.1 115.1

106 88.2 73.2 113.2



#10

Phenol

Concen: 54.848 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

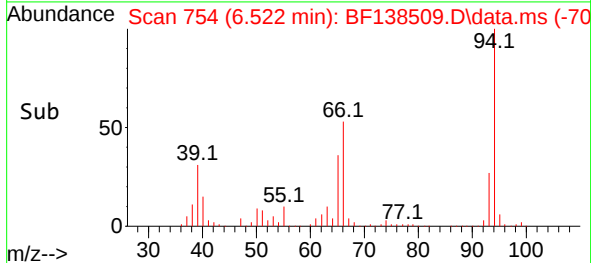
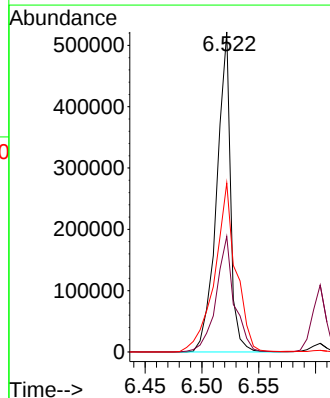
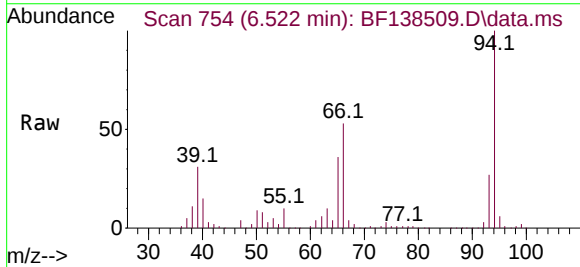
Tgt Ion: 94 Resp: 445055

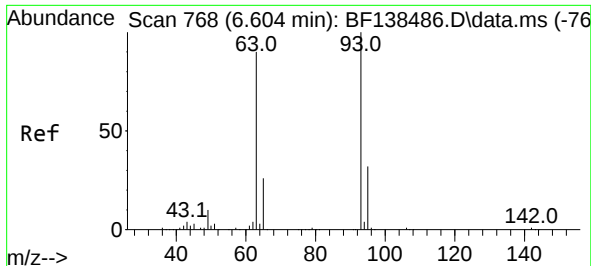
Ion Ratio Lower Upper

94 100

65 36.1 16.7 56.7

66 52.8 31.2 71.2

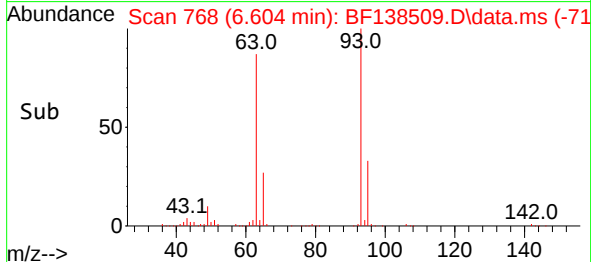
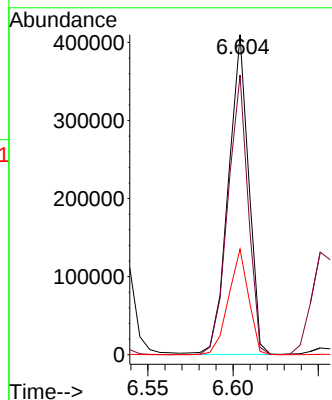
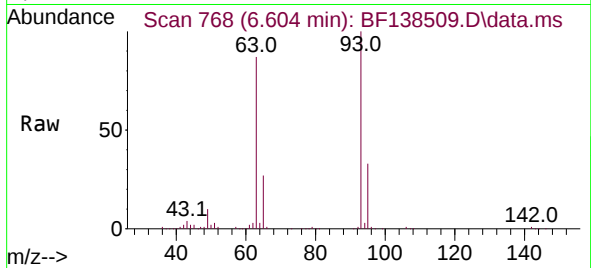




#11
bis(2-Chloroethyl)ether
Concen: 55.651 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

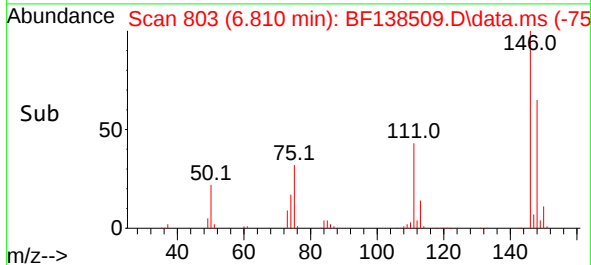
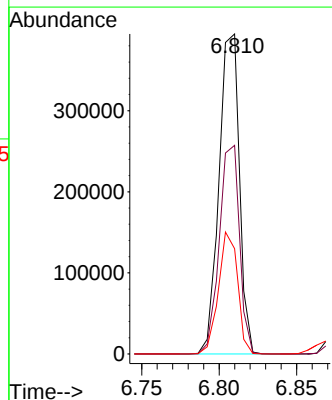
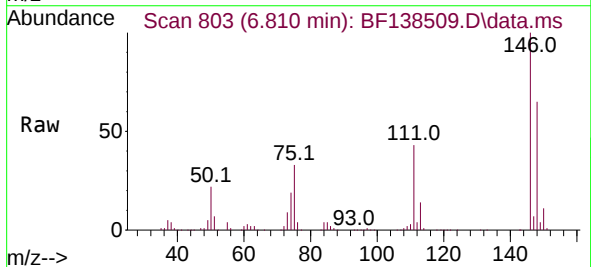
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

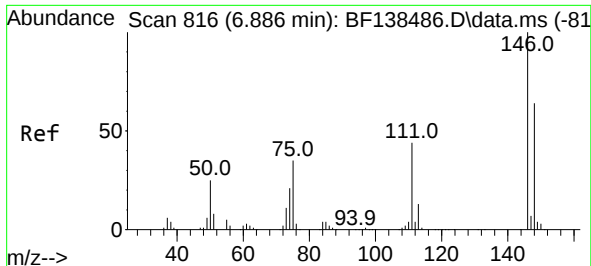
Tgt Ion: 93 Resp: 339992
Ion Ratio Lower Upper
93 100
63 87.4 68.8 108.8
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.926 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 146 Resp: 361496
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
75 32.9 27.8 41.8

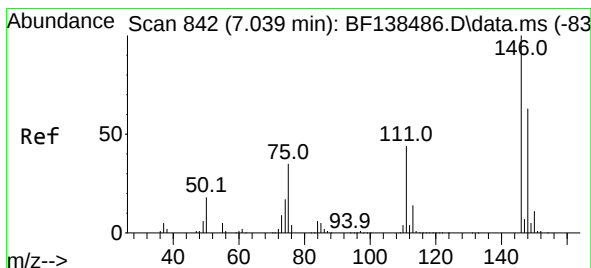
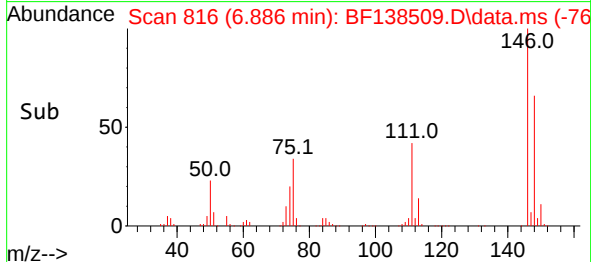
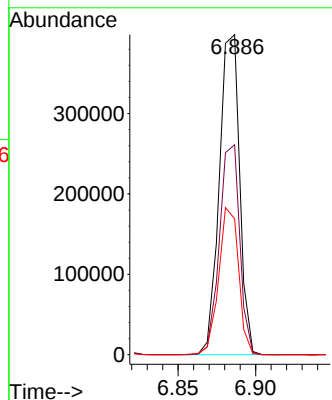
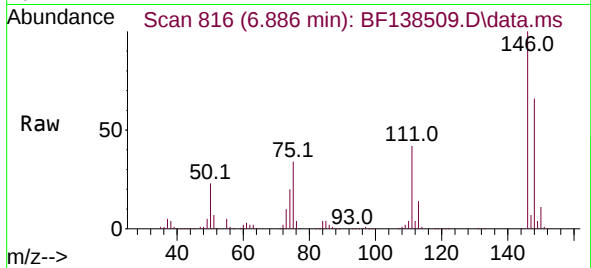




#13
1,4-Dichlorobenzene
Concen: 52.542 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

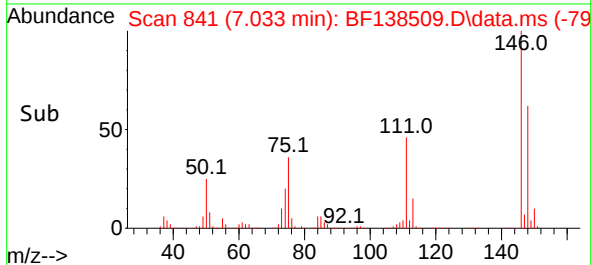
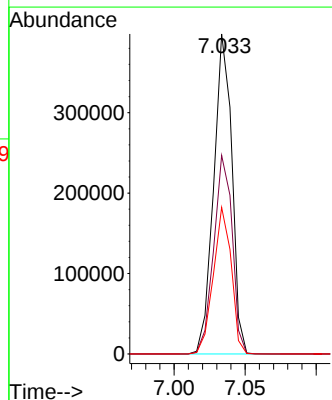
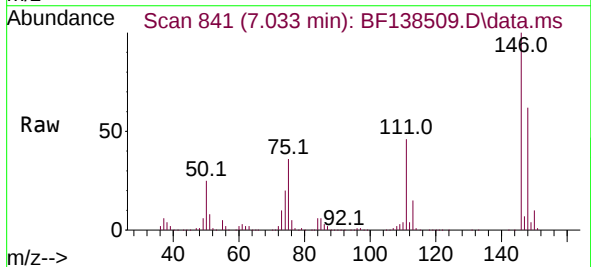
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

Tgt Ion:146 Resp: 364431
Ion Ratio Lower Upper
146 100
148 65.6 51.6 77.4
111 42.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 54.886 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:146 Resp: 354562
Ion Ratio Lower Upper
146 100
148 62.1 50.1 75.1
111 45.8 35.5 53.3

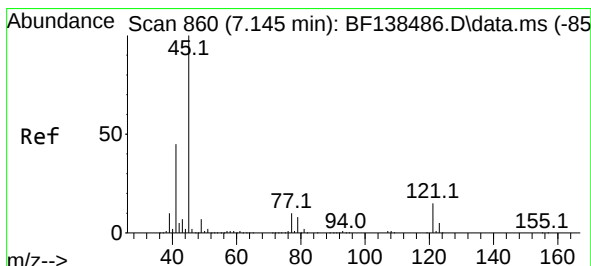
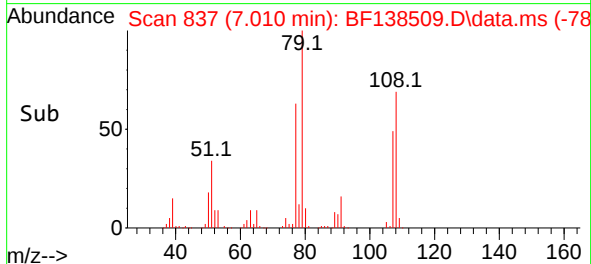
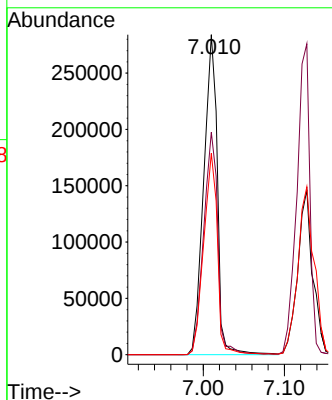
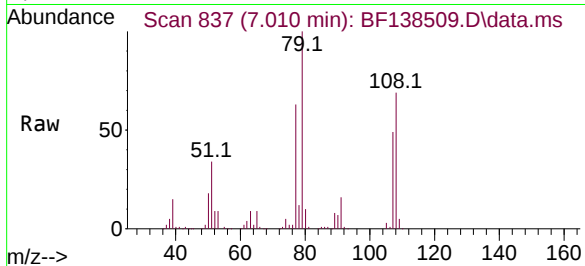




#15
Benzyl Alcohol
Concen: 57.571 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

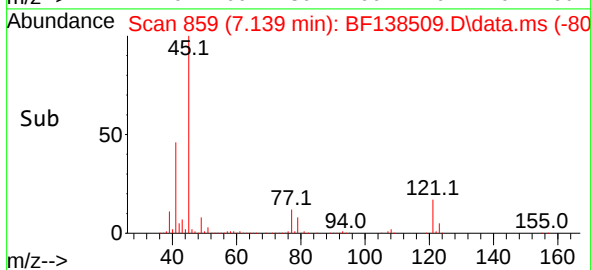
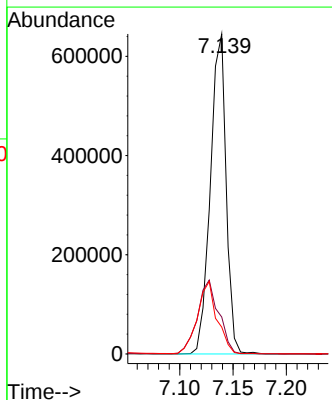
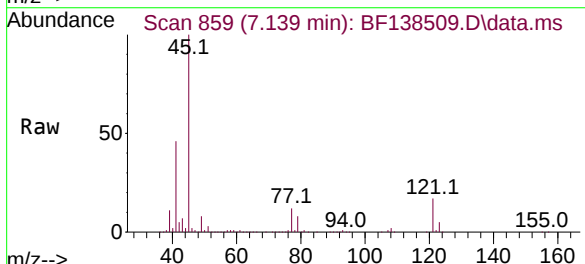
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

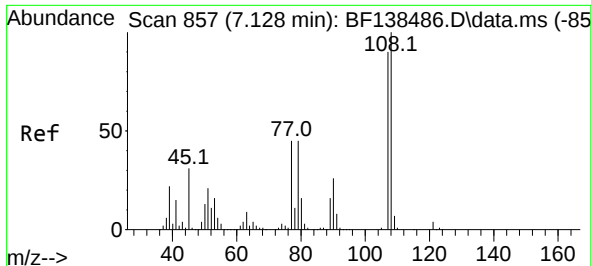
Tgt Ion: 79 Resp: 330291
Ion Ratio Lower Upper
79 100
108 69.5 54.3 81.5
77 63.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.183 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 45 Resp: 662977
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.4
79 8.4 0.0 28.1

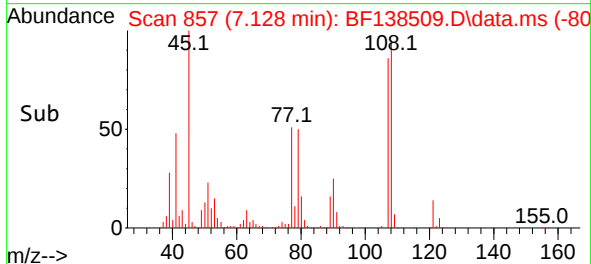
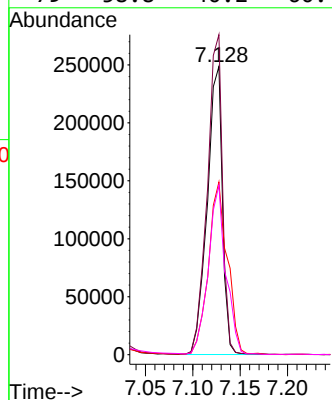
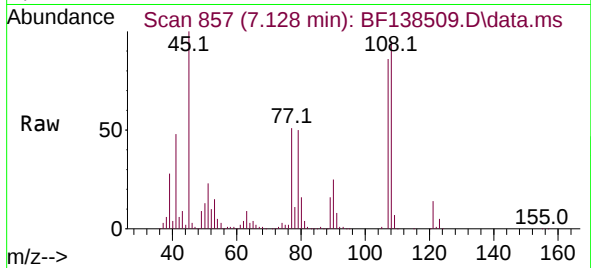




#17
2-Methylphenol
Concen: 55.765 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

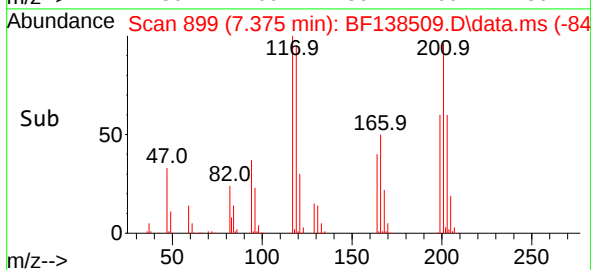
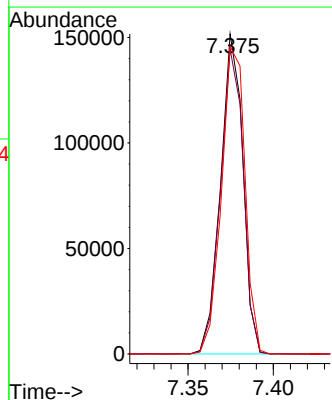
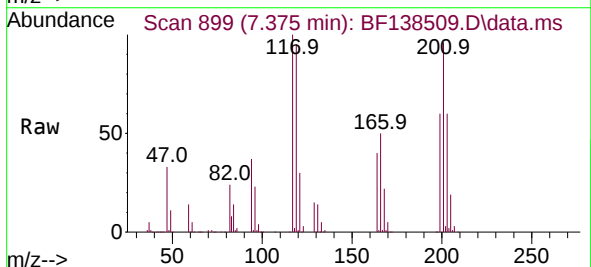
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

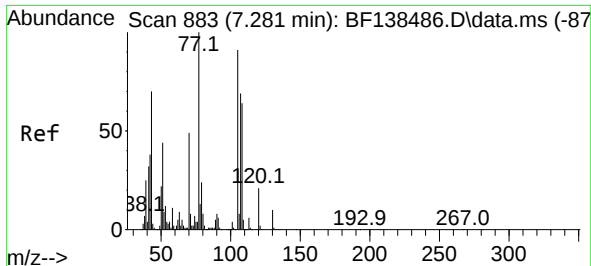
Tgt Ion:107 Resp: 277709
Ion Ratio Lower Upper
107 100
108 111.0 89.0 133.4
77 59.9 40.3 60.5
79 58.8 40.2 60.4



#18
Hexachloroethane
Concen: 54.456 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:117 Resp: 138853
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 96.1 81.4 122.0

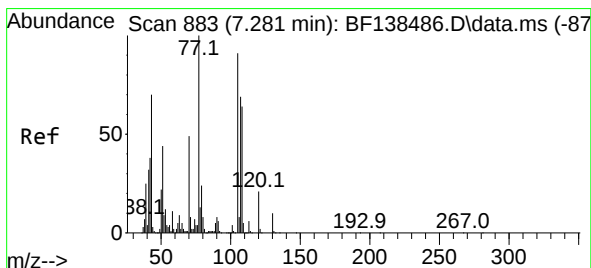
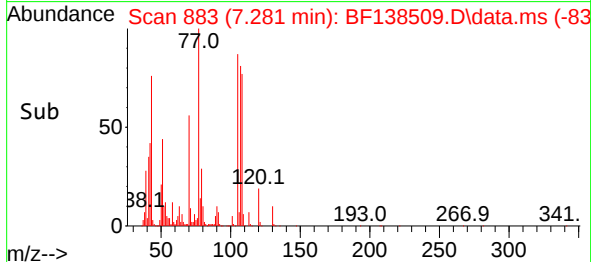
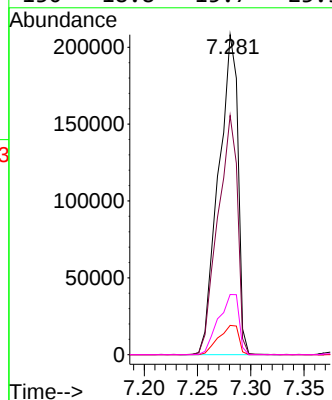
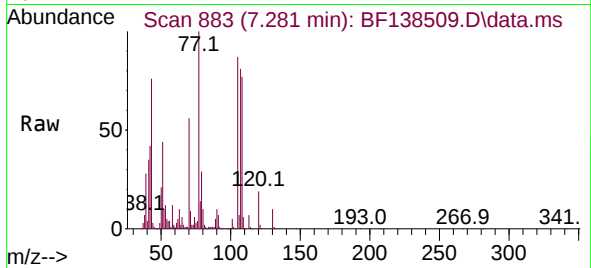




#19
n-Nitroso-di-n-propylamine
Concen: 55.870 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

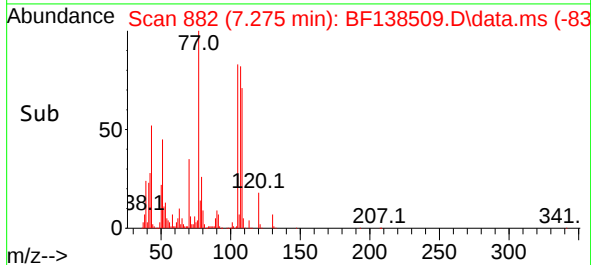
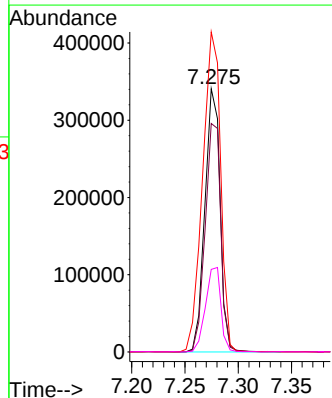
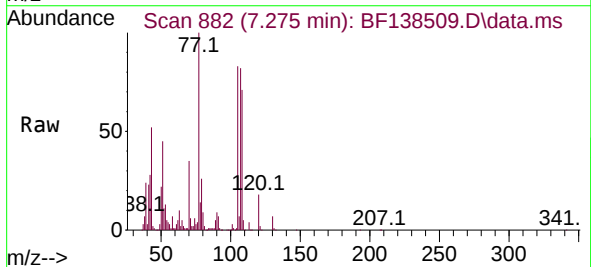
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

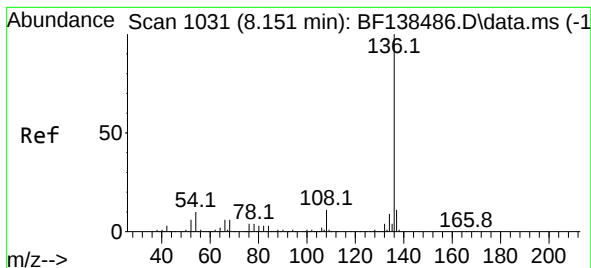
Tgt Ion: 70 Resp: 263910
Ion Ratio Lower Upper
70 100
42 74.7 62.4 93.6
101 9.2 7.2 10.8
130 18.8 15.7 23.5



#20
3+4-Methylphenols
Concen: 54.178 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 107 Resp: 339758
Ion Ratio Lower Upper
107 100
108 86.9 73.7 113.7
77 121.6 126.0 166.0#
79 31.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138509.D

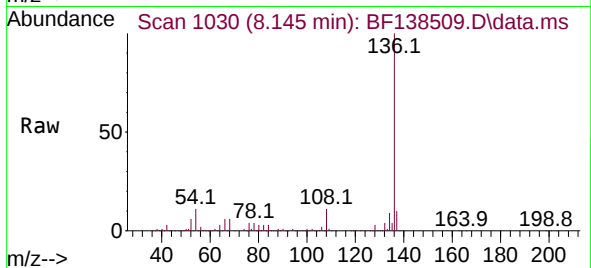
Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS



Tgt Ion:136 Resp: 357660

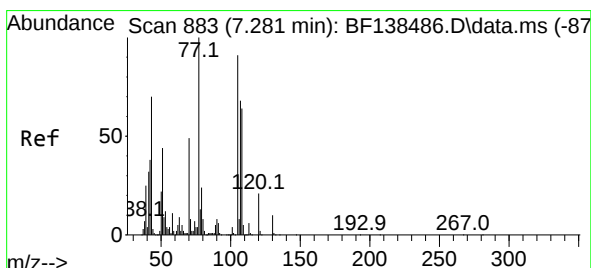
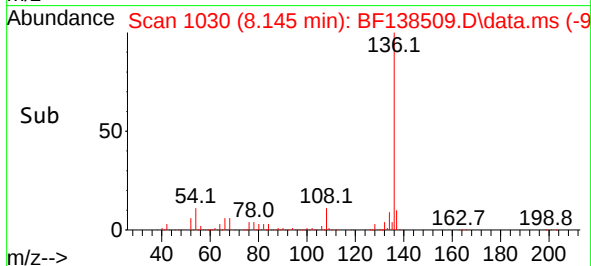
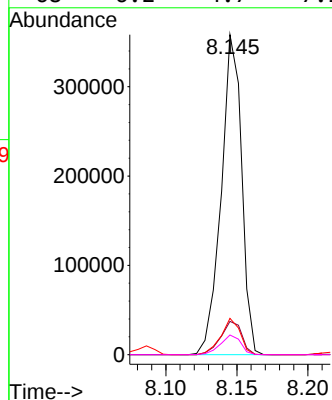
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 11.3 8.1 12.1

68 6.2 4.7 7.1



#22

Acetophenone

Concen: 50.889 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Tgt Ion:105 Resp: 442048

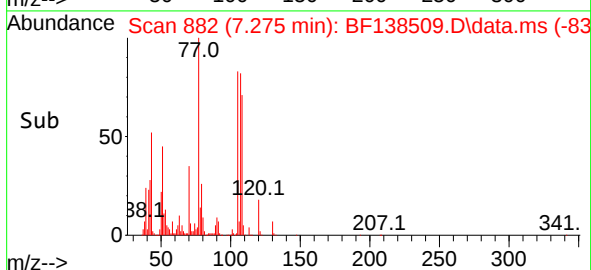
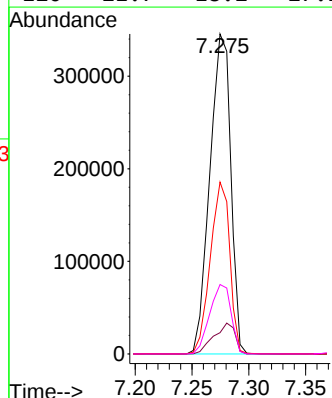
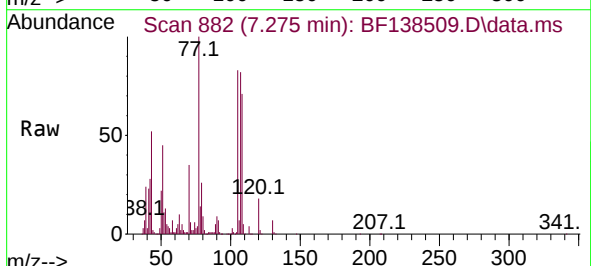
Ion Ratio Lower Upper

105 100

71 6.6 7.4 11.2#

51 53.7 38.7 58.1

120 21.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 78.772 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

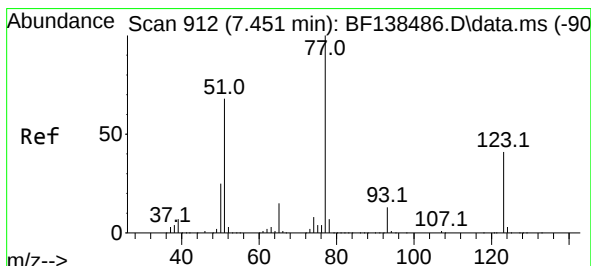
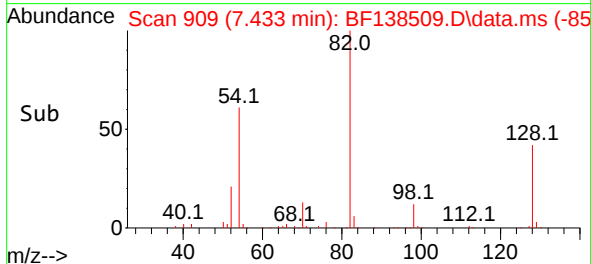
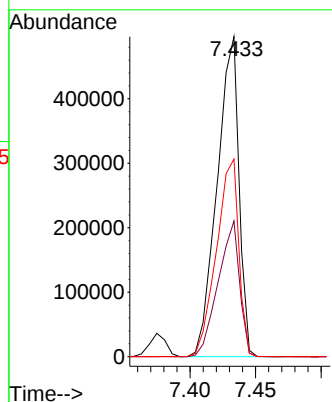
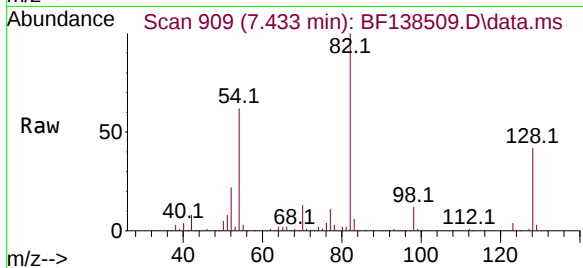
Tgt Ion: 82 Resp: 573826

Ion Ratio Lower Upper

82 100

128 42.4 32.3 48.5

54 61.7 51.4 77.0



#24

Nitrobenzene

Concen: 53.913 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

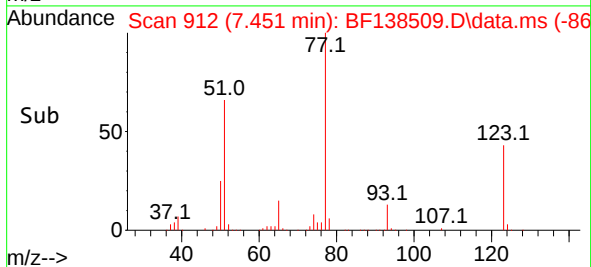
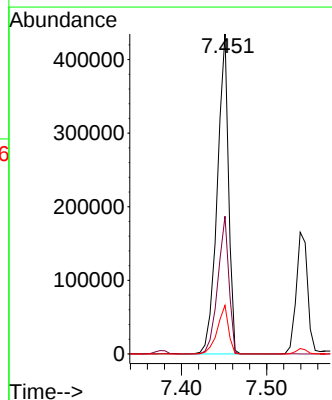
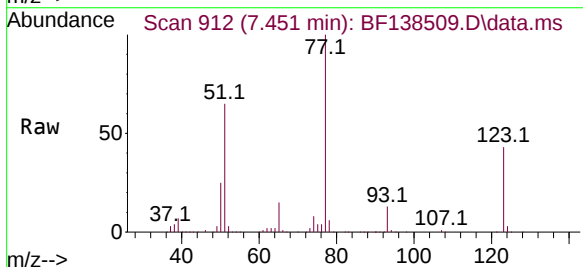
Tgt Ion: 77 Resp: 399108

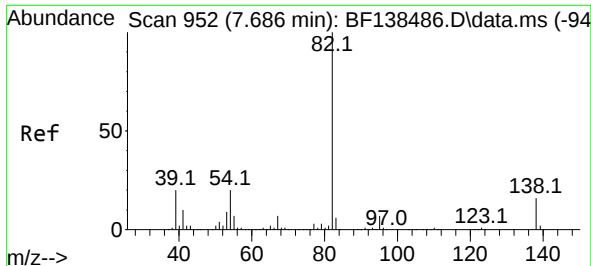
Ion Ratio Lower Upper

77 100

123 43.1 32.4 48.6

65 15.2 11.8 17.8

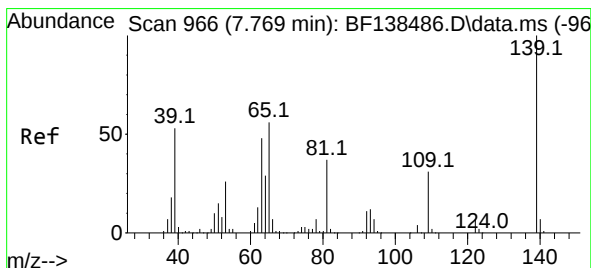
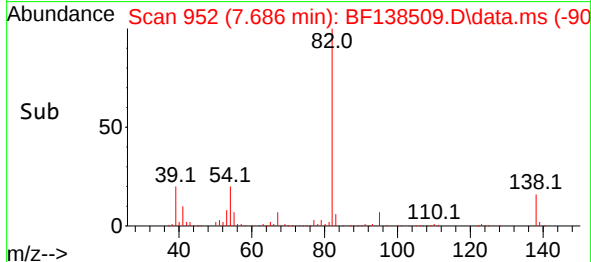
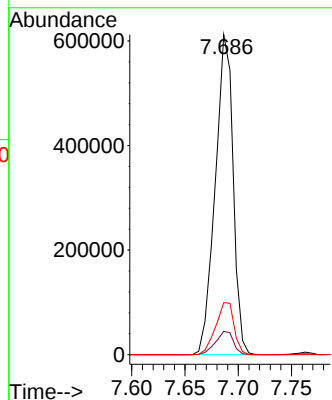
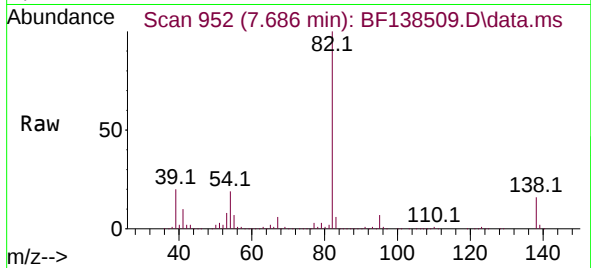




#25
Isophorone
Concen: 57.088 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

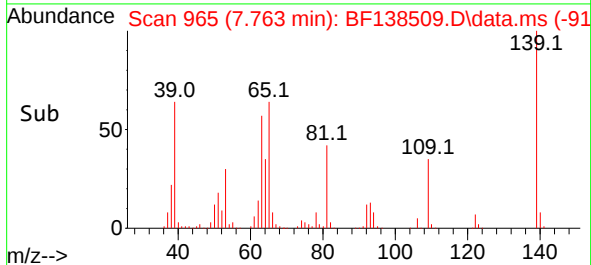
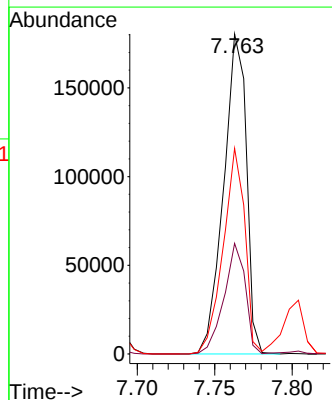
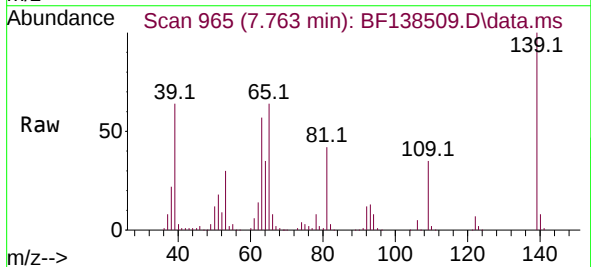
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

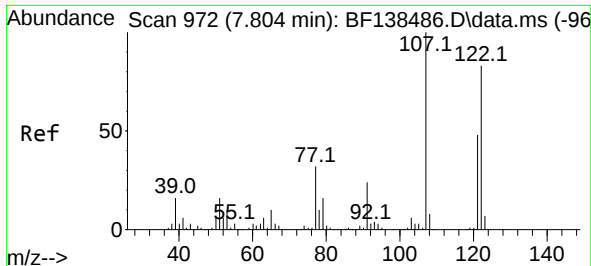
Tgt Ion: 82 Resp: 714174
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.2 12.8 19.2



#26
2-Nitrophenol
Concen: 58.002 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:139 Resp: 184033
Ion Ratio Lower Upper
139 100
109 34.6 24.8 37.2
65 64.3 45.1 67.7

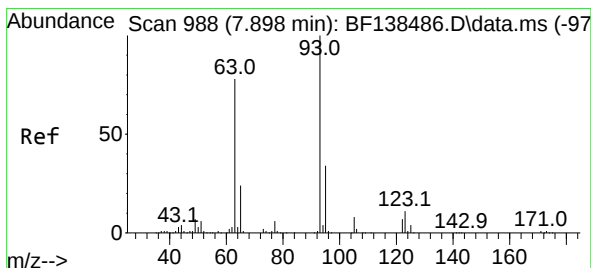
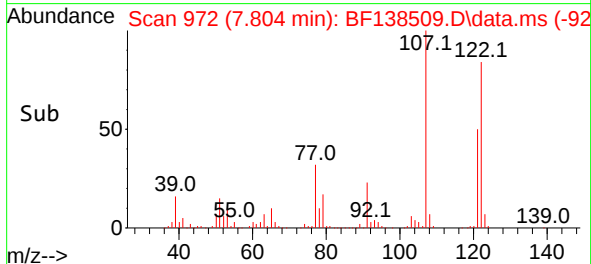
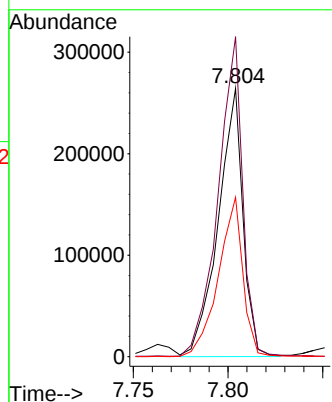
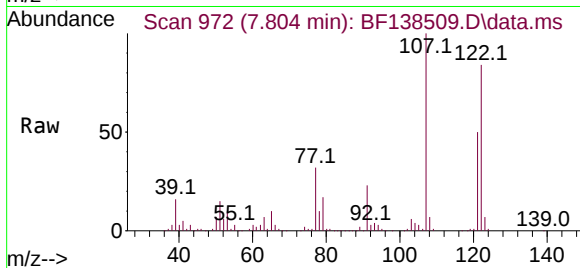




#27
2,4-Dimethylphenol
Concen: 61.509 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

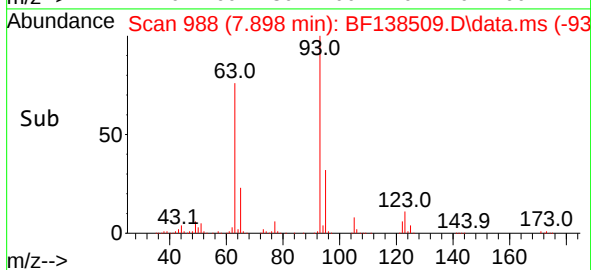
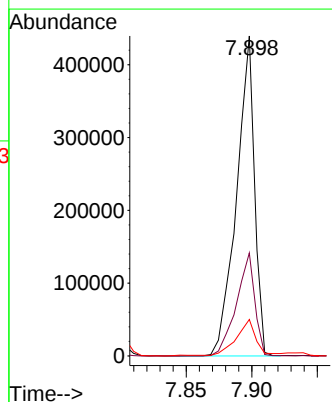
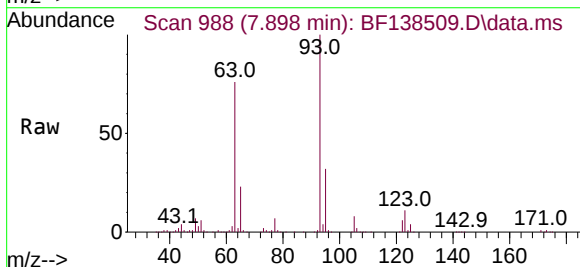
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

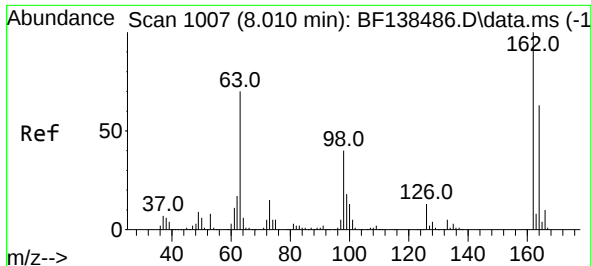
Tgt Ion:122 Resp: 239861
Ion Ratio Lower Upper
122 100
107 119.2 96.3 144.5
121 59.4 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 56.341 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 93 Resp: 421230
Ion Ratio Lower Upper
93 100
95 32.2 27.0 40.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 56.464 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF138509.D

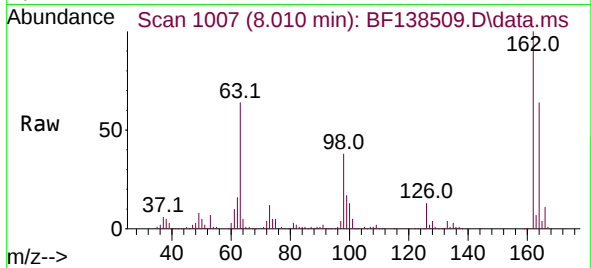
Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS



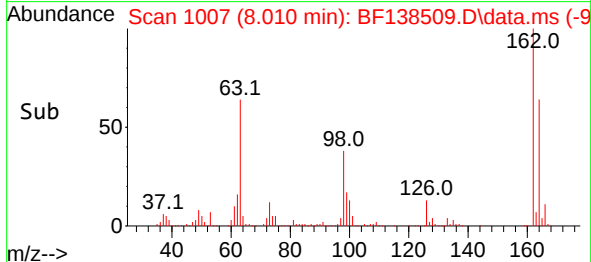
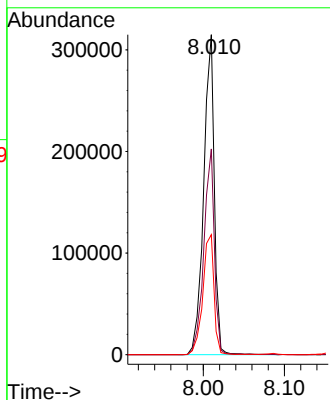
Tgt Ion:162 Resp: 285933

Ion Ratio Lower Upper

162 100

164 64.3 42.6 82.6

98 37.5 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 53.831 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

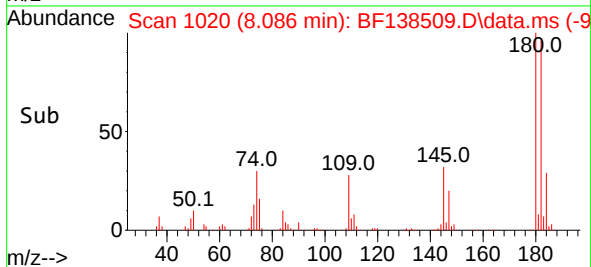
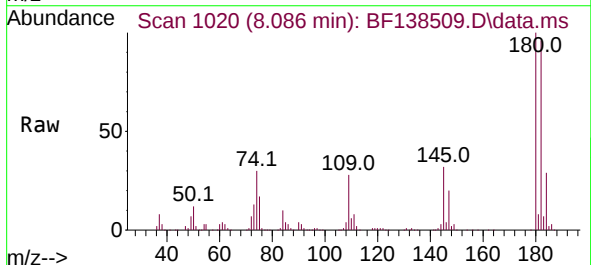
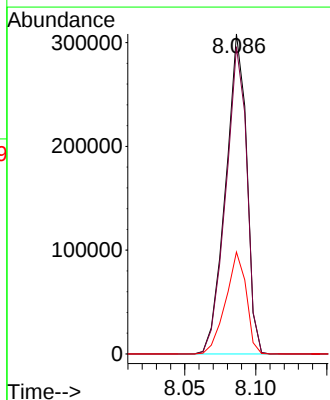
Tgt Ion:180 Resp: 317564

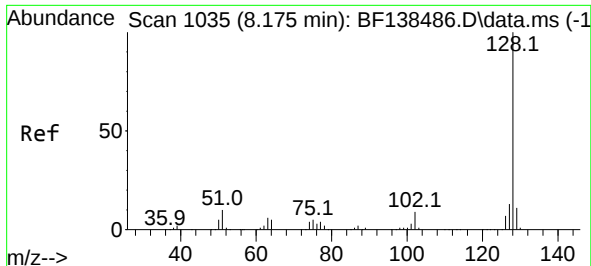
Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

145 31.9 23.9 35.9

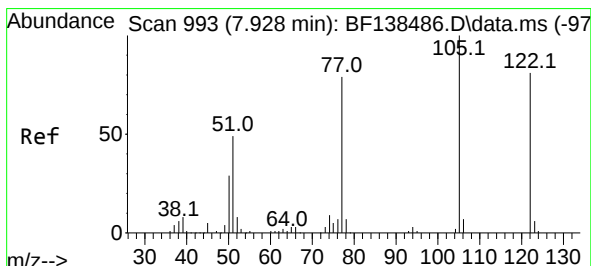
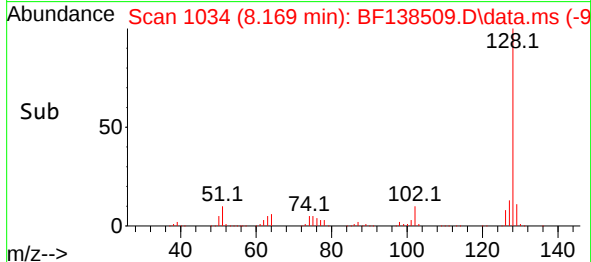
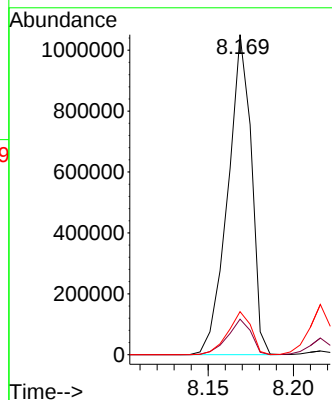
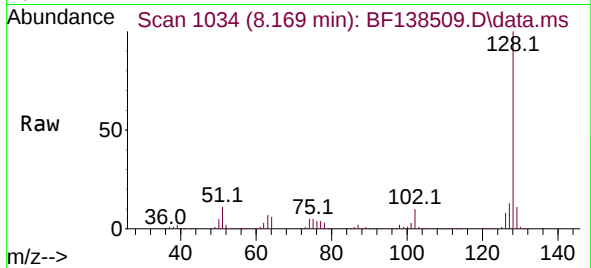




#31
Naphthalene
Concen: 54.188 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

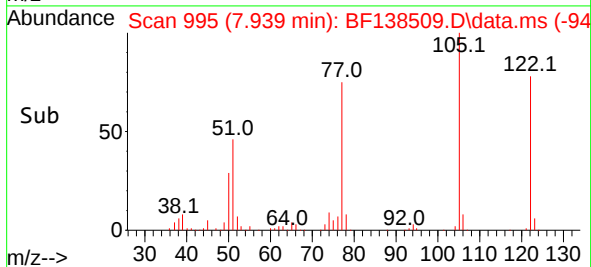
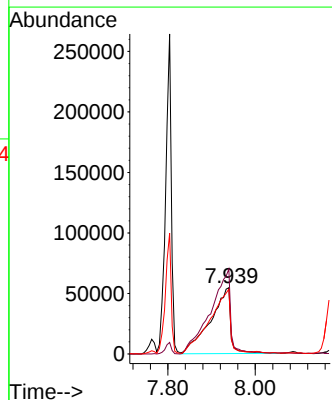
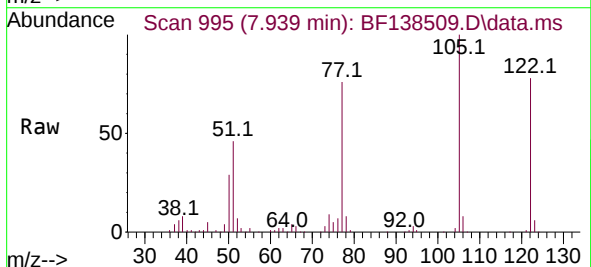
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

Tgt Ion:128 Resp: 1007967
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 47.714 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:122 Resp: 177463
Ion Ratio Lower Upper
122 100
105 128.3 101.5 141.5
77 97.7 77.3 117.3

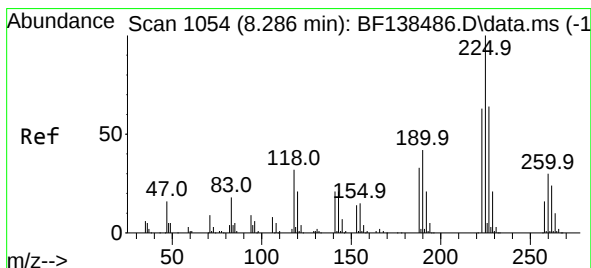
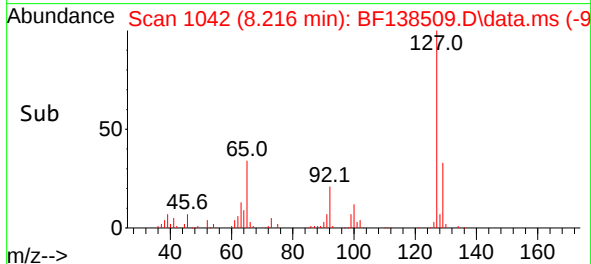
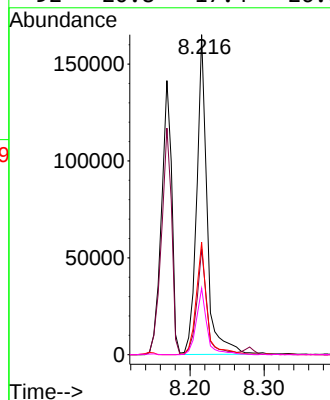
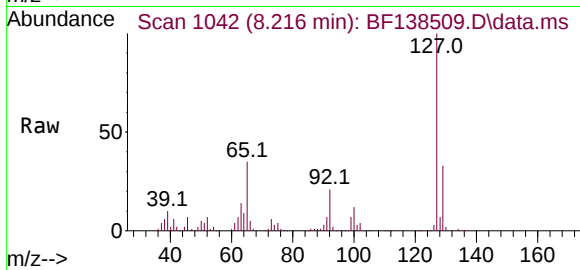




#33
4-Chloroaniline
Concen: 24.690 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

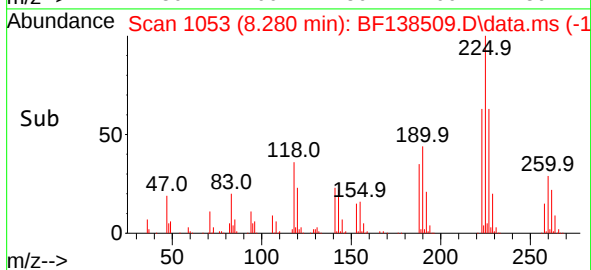
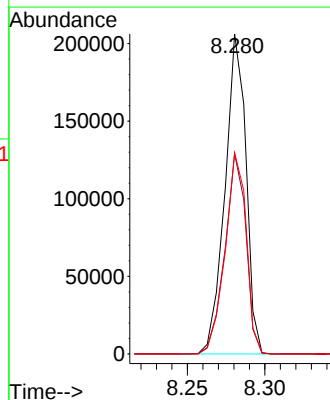
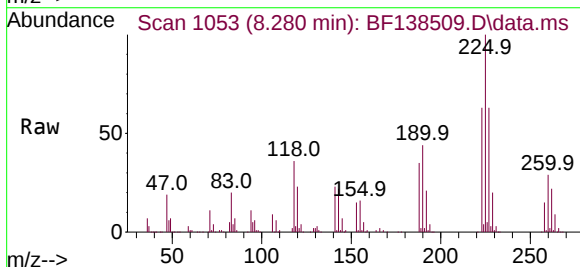
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

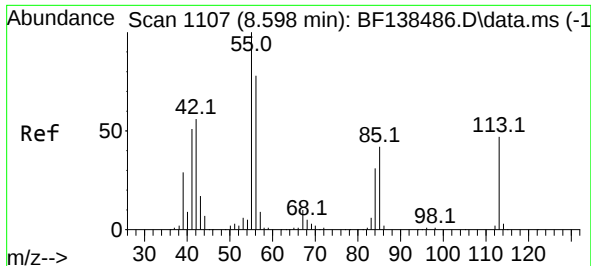
Tgt Ion:	127	Resp:	161144
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.6	38.4
65	35.2	29.6	44.4
92	20.8	17.4	26.0



#34
Hexachlorobutadiene
Concen: 53.431 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:	225	Resp:	194098
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	62.9	51.0	76.6

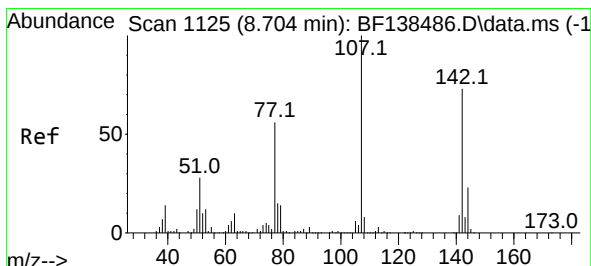
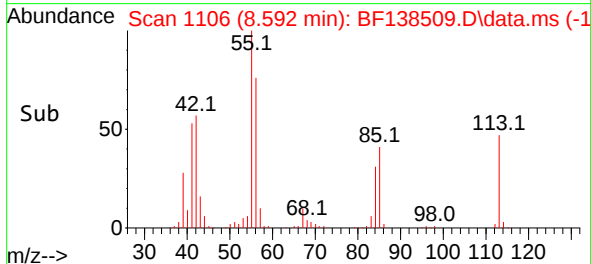
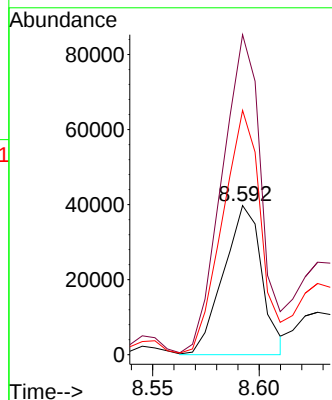
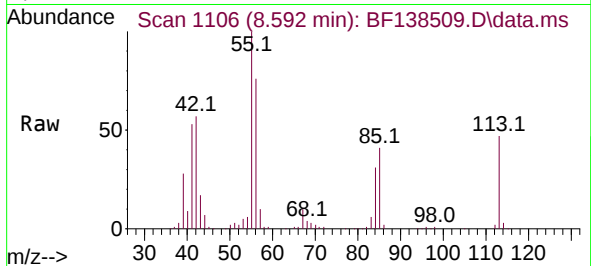




#35
 Caprolactam
 Concen: 30.542 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

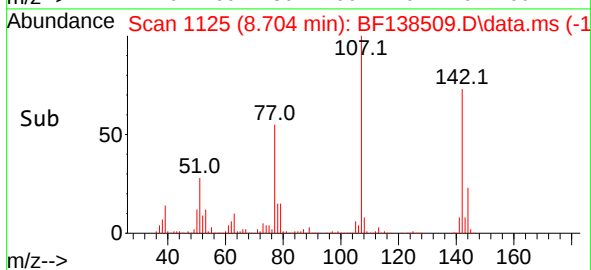
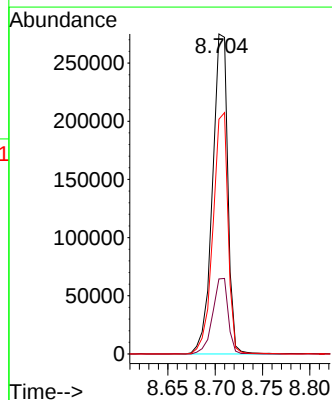
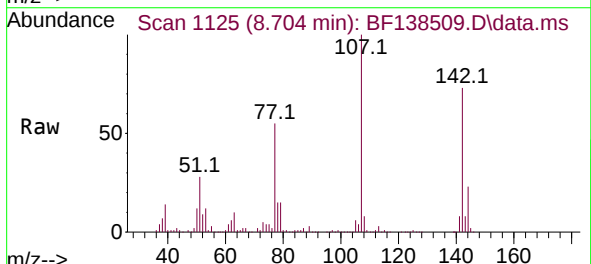
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2MS

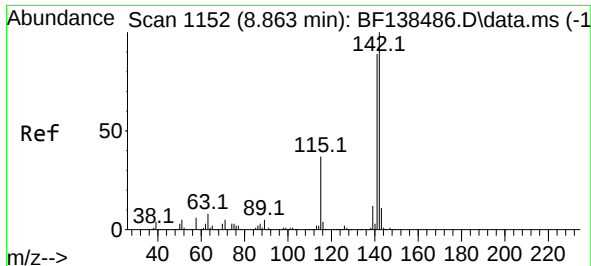
Tgt Ion:113 Resp: 49908
 Ion Ratio Lower Upper
 113 100
 55 214.6 192.5 232.5
 56 163.8 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 54.356 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

Tgt Ion:107 Resp: 308161
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.6 27.8
 142 73.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 54.021 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

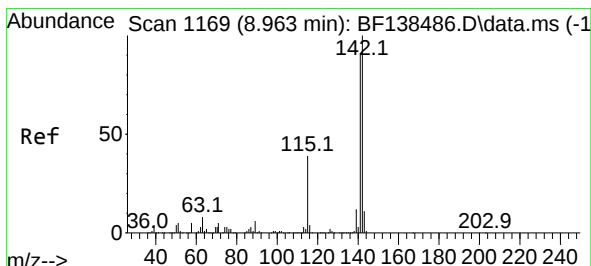
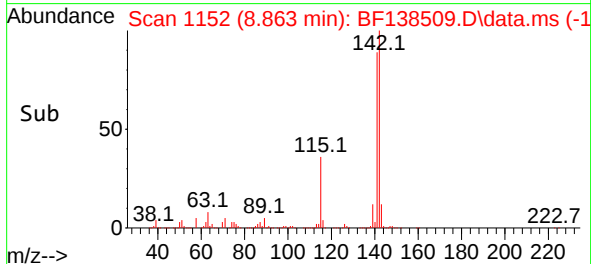
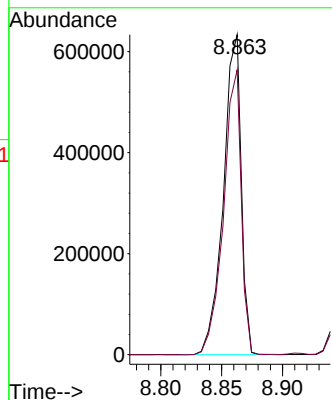
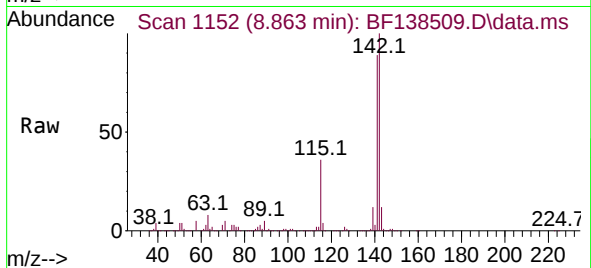
SOIL-DRUMS-2MS

Tgt Ion:142 Resp: 646651

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.0



#38

1-Methylnaphthalene

Concen: 51.164 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF138509.D

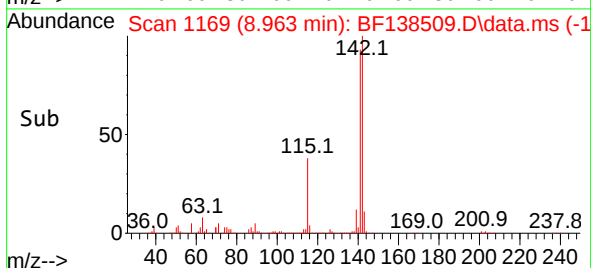
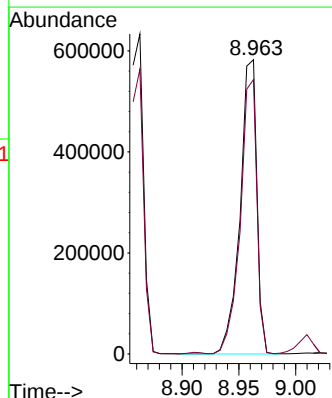
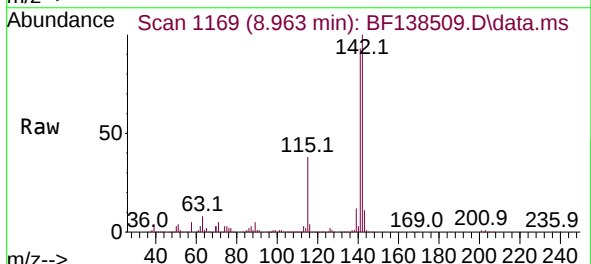
Acq: 10 Jul 2024 19:17

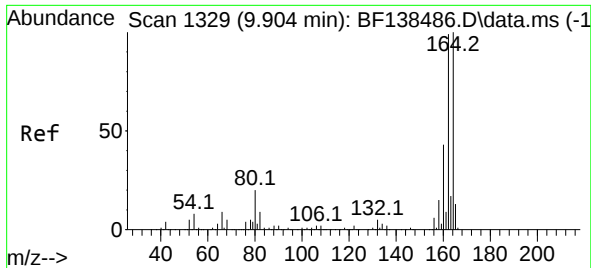
Tgt Ion:142 Resp: 597724

Ion Ratio Lower Upper

142 100

141 93.2 72.6 108.8

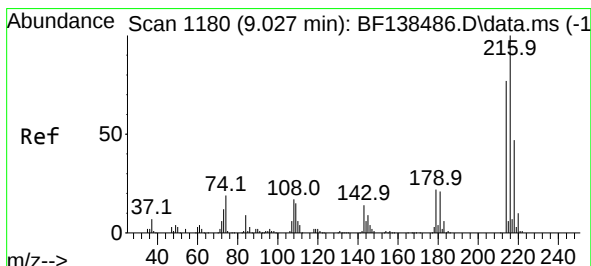
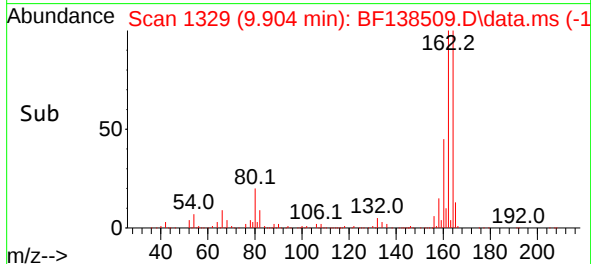
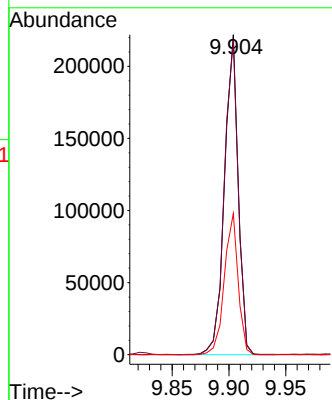
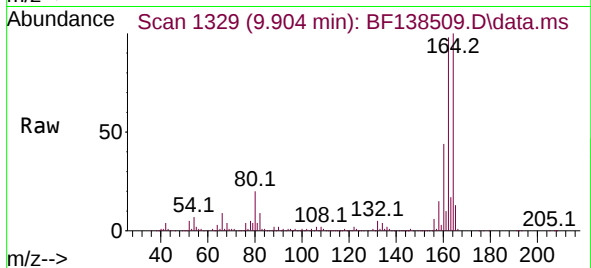




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

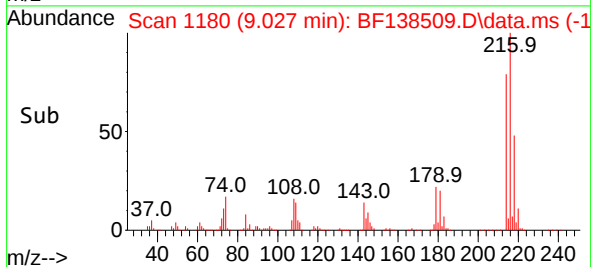
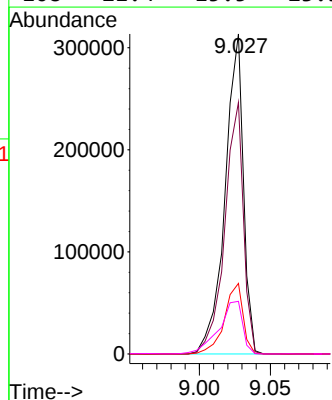
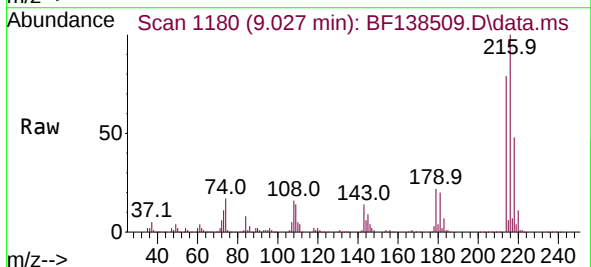
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

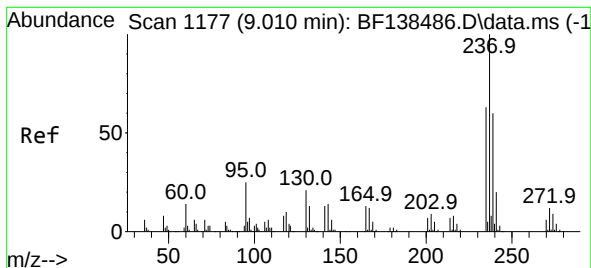
Tgt Ion:164 Resp: 187239
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 44.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.991 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:216 Resp: 281751
Ion Ratio Lower Upper
216 100
214 79.8 62.8 94.2
179 22.4 17.7 26.5
108 21.4 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 166.216 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

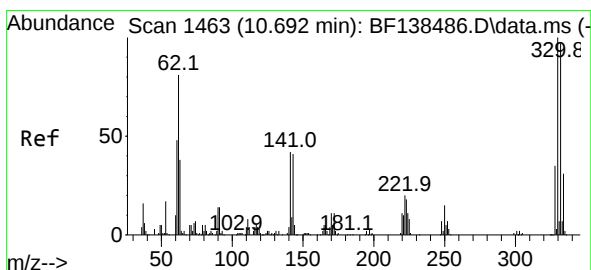
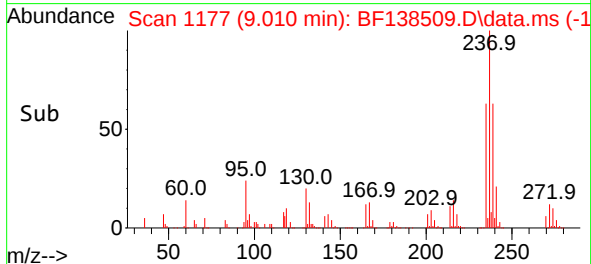
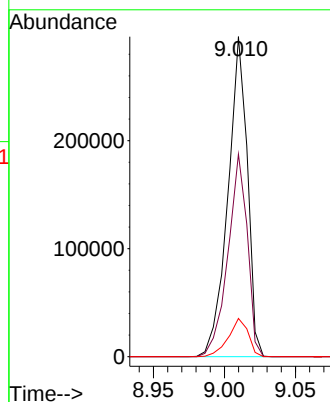
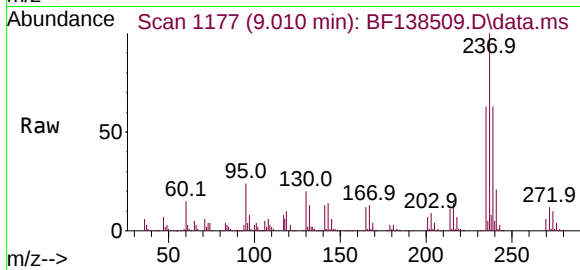
Tgt Ion:237 Resp: 281540

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 11.9 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 111.600 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

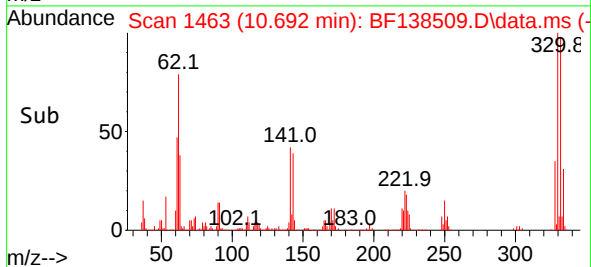
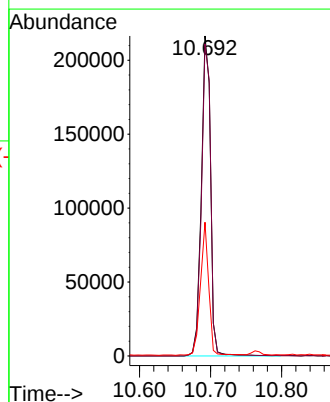
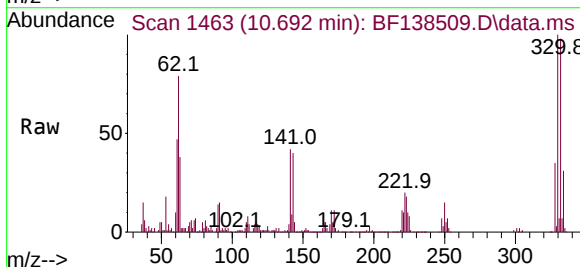
Tgt Ion:330 Resp: 195292

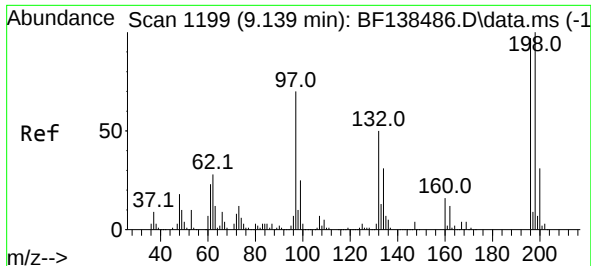
Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 37.6 29.4 44.2

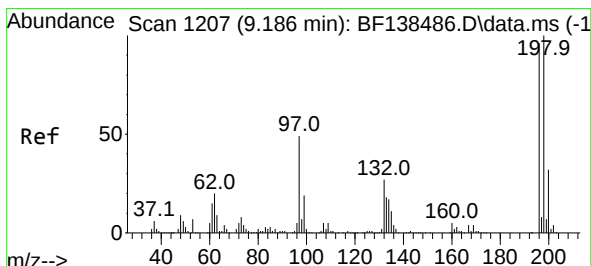
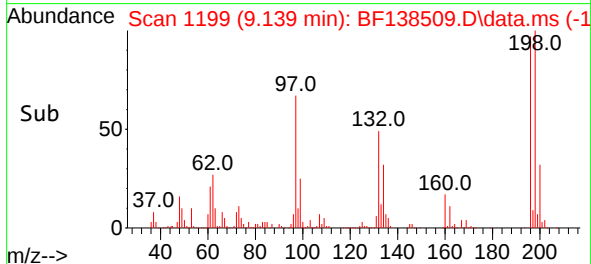
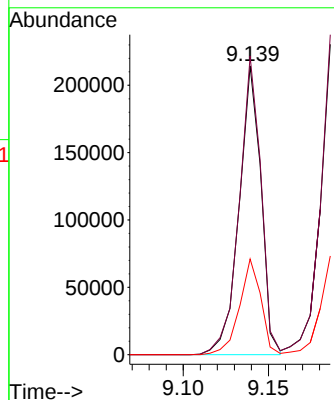
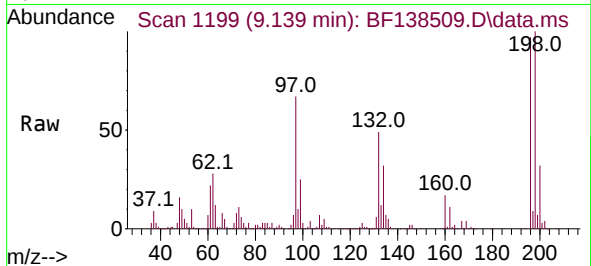




#43
2,4,6-Trichlorophenol
Concen: 57.492 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

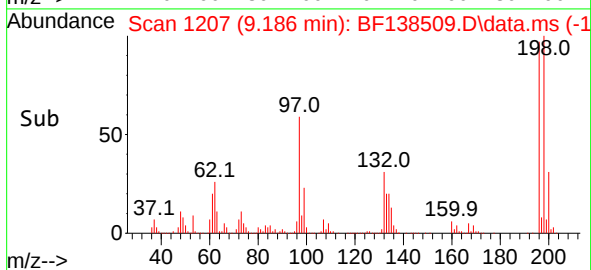
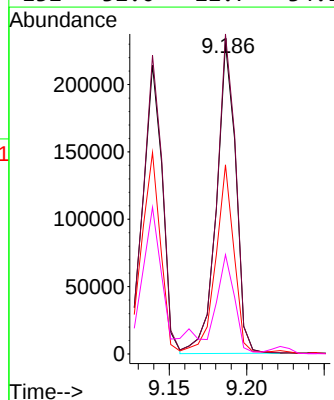
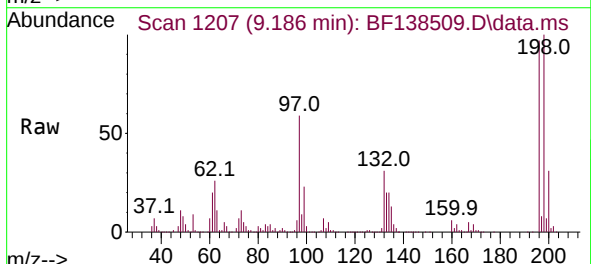
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

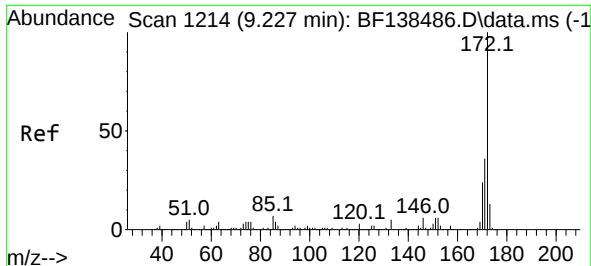
Tgt Ion:196 Resp: 191376
Ion Ratio Lower Upper
196 100
198 103.4 82.3 123.5
200 33.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 54.517 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:196 Resp: 199599
Ion Ratio Lower Upper
196 100
198 103.1 82.8 124.2
97 60.9 41.0 61.4
132 32.0 22.7 34.1

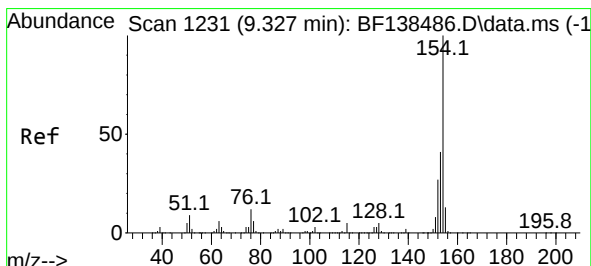
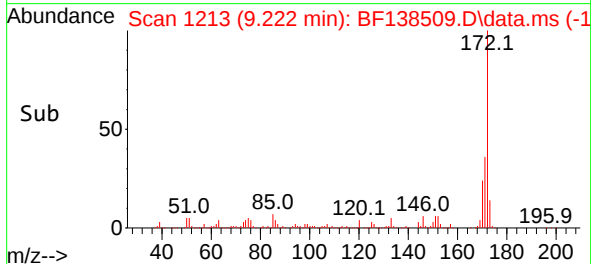
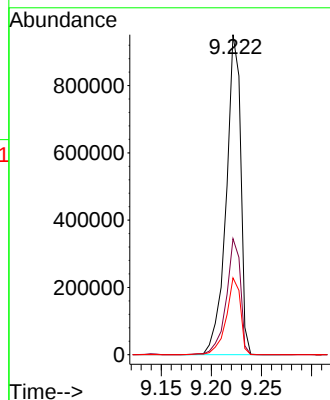
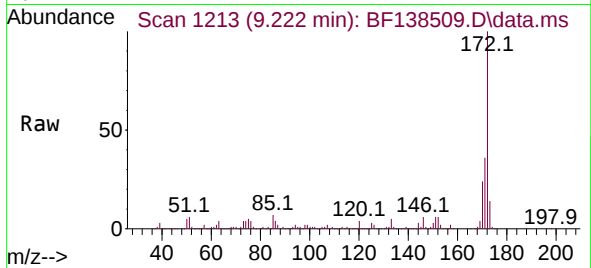




#45
2-Fluorobiphenyl
Concen: 79.341 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

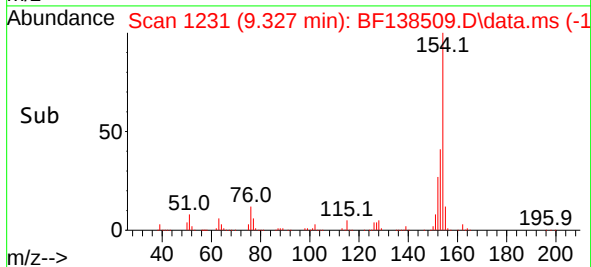
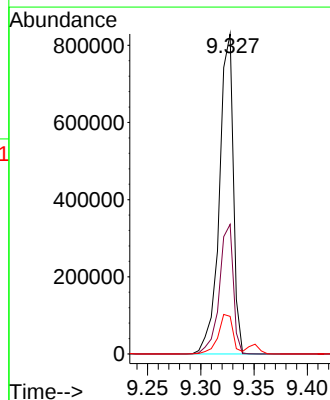
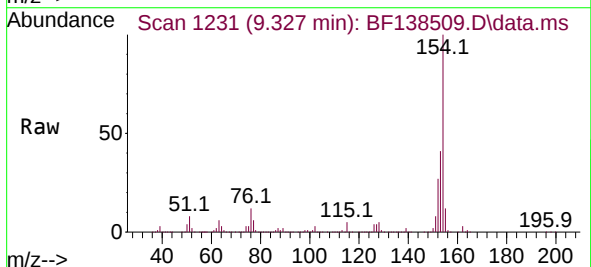
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

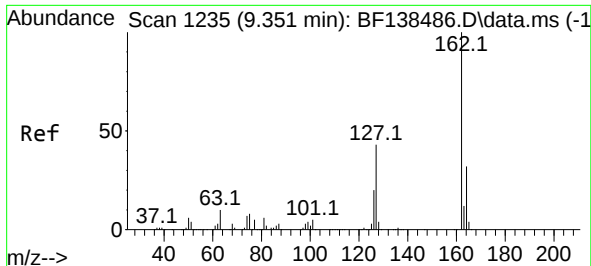
Tgt Ion:172 Resp: 950526
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 53.009 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:154 Resp: 752183
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 11.8 0.0 32.2

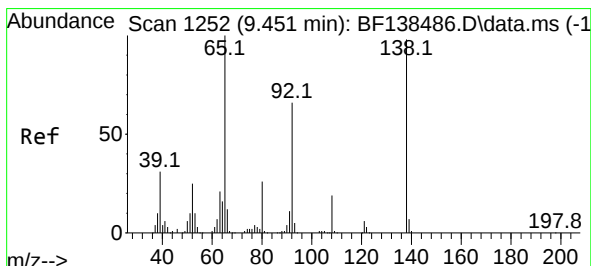
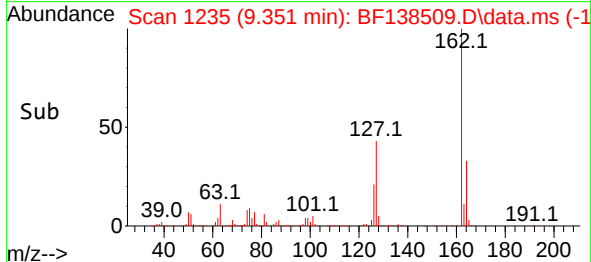
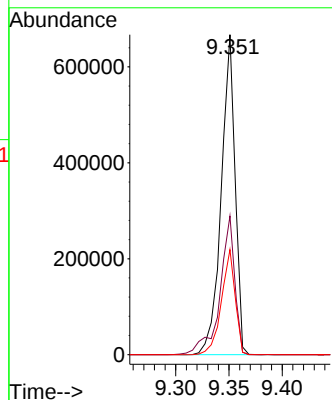
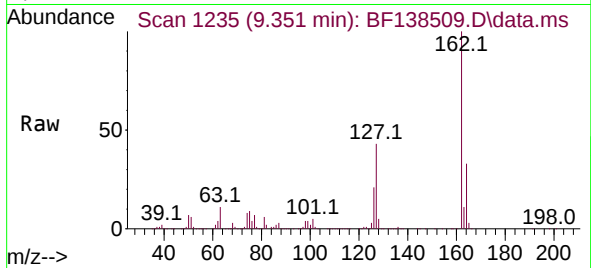




#47
2-Chloronaphthalene
Concen: 56.266 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

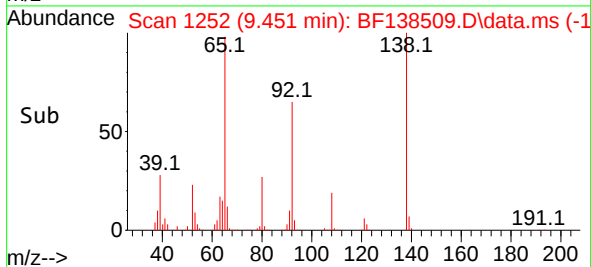
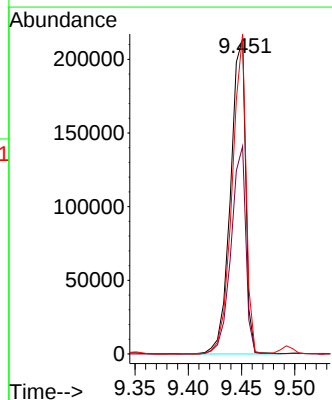
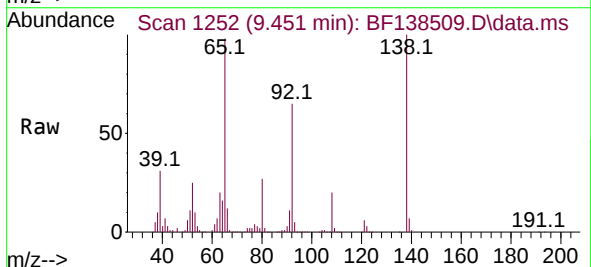
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

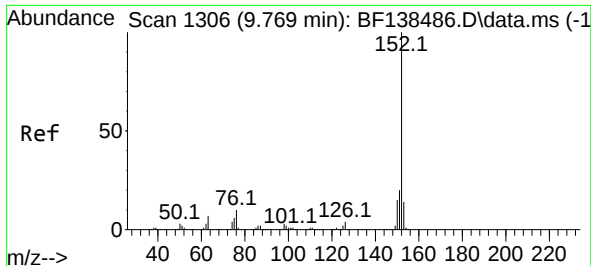
Tgt Ion:162 Resp: 603160
Ion Ratio Lower Upper
162 100
127 43.3 34.8 52.2
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 56.978 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion: 65 Resp: 211657
Ion Ratio Lower Upper
65 100
92 65.9 52.6 78.8
138 101.6 78.6 118.0

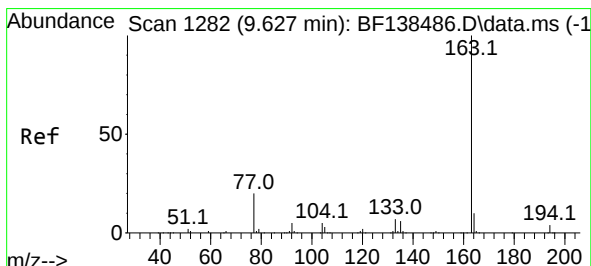
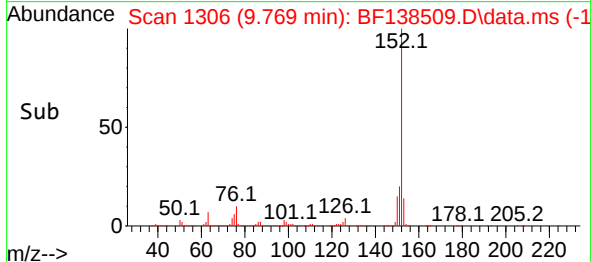
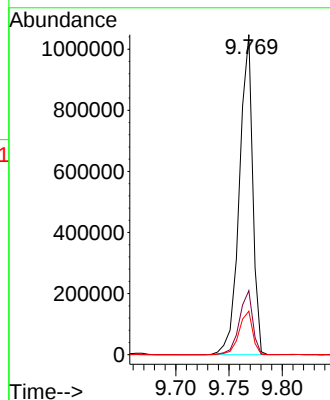
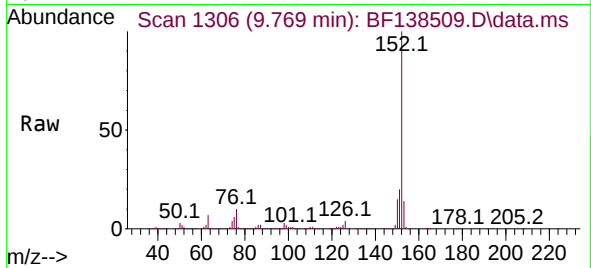




#49
Acenaphthylene
Concen: 60.053 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

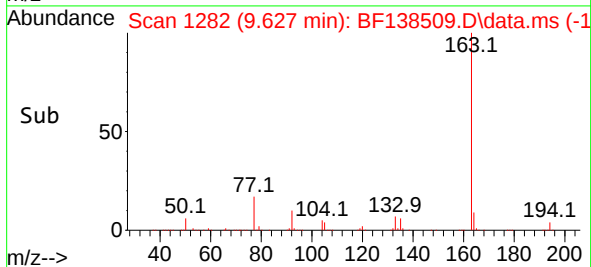
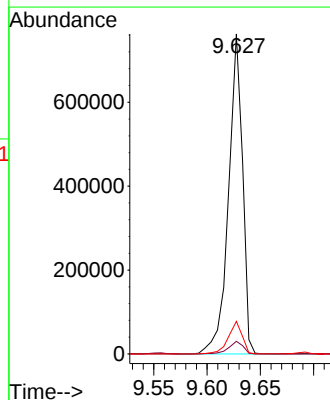
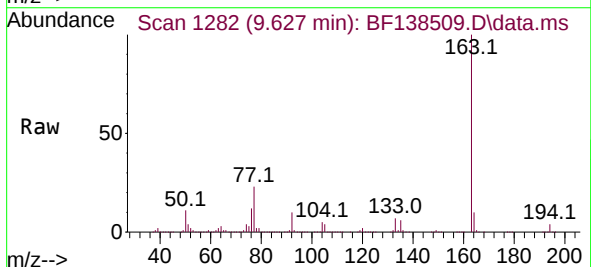
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

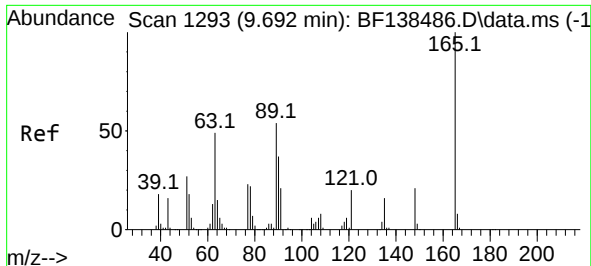
Tgt Ion:152 Resp: 913986
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.6 11.3 16.9



#50
Dimethylphthalate
Concen: 57.393 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:163 Resp: 694873
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1

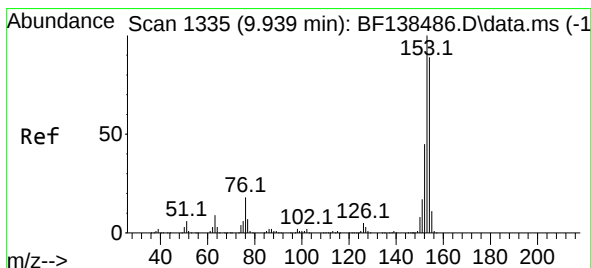
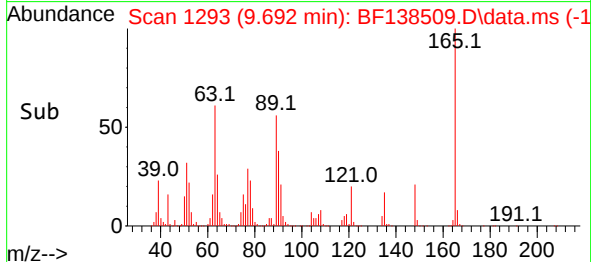
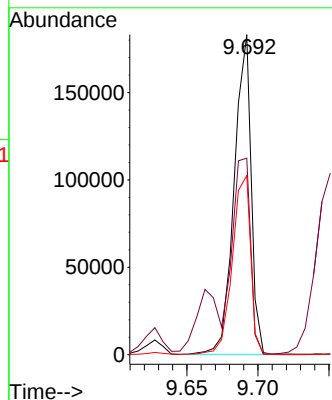
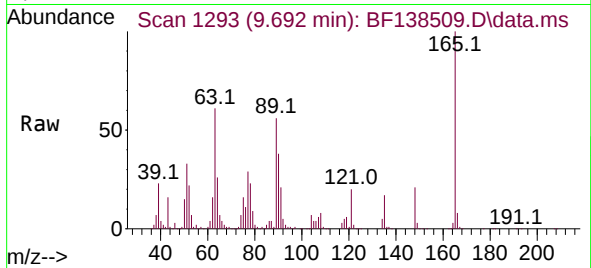




#51
2,6-Dinitrotoluene
Concen: 54.550 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

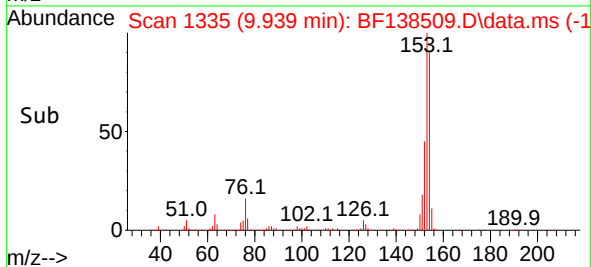
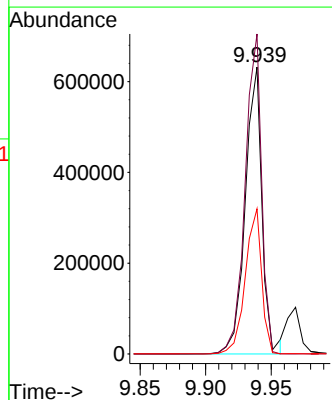
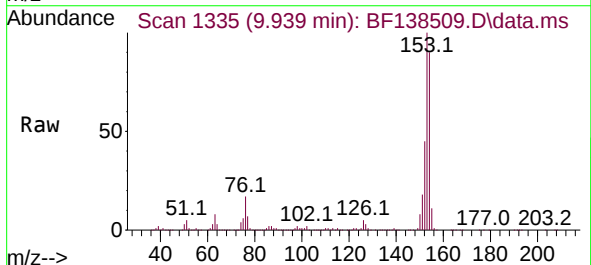
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

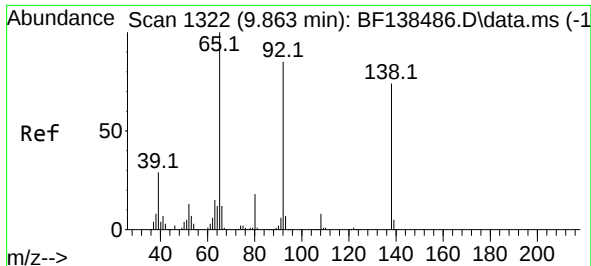
Tgt Ion:165 Resp: 152066
Ion Ratio Lower Upper
165 100
63 61.4 48.1 72.1
89 55.9 43.0 64.6



#52
Acenaphthene
Concen: 55.631 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:154 Resp: 562812
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 50.6 41.1 61.7

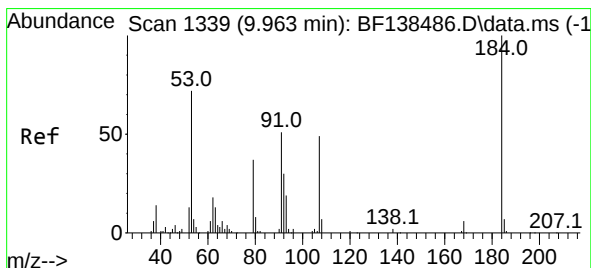
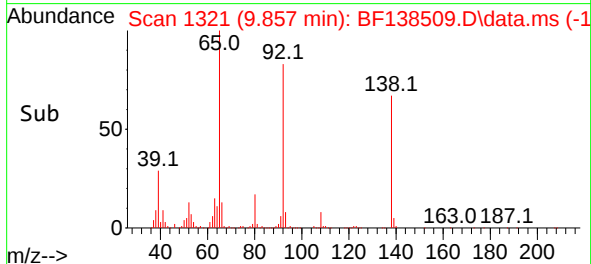
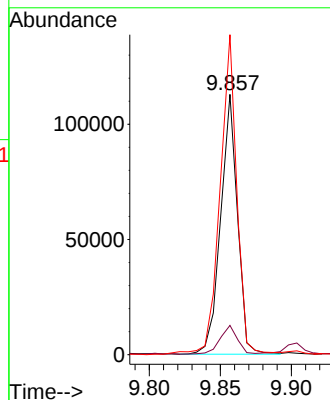
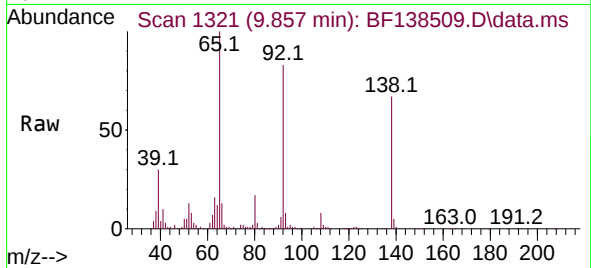




#53
3-Nitroaniline
Concen: 32.521 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

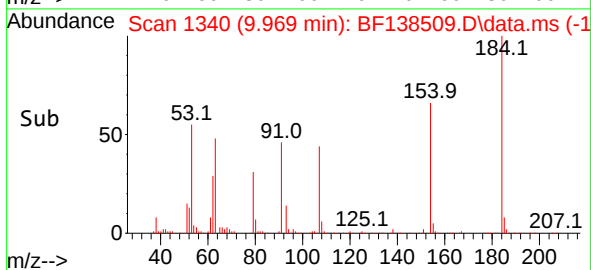
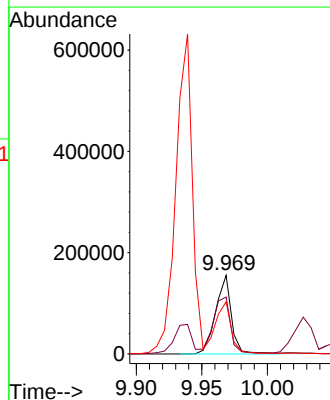
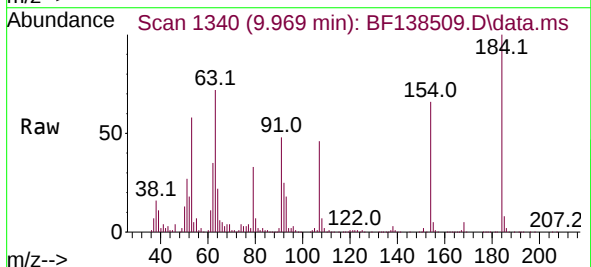
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

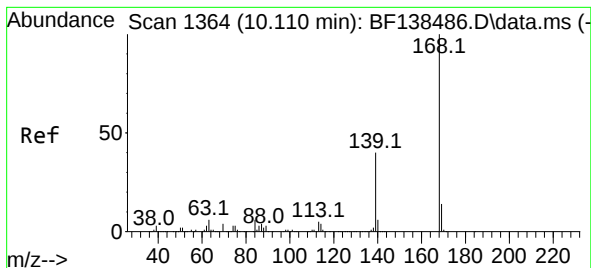
Tgt Ion:138 Resp: 92919
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 122.9 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 86.707 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:184 Resp: 130345
Ion Ratio Lower Upper
184 100
63 72.5 70.6 106.0
154 66.3 53.8 80.6





#55

Dibenzofuran

Concen: 55.145 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

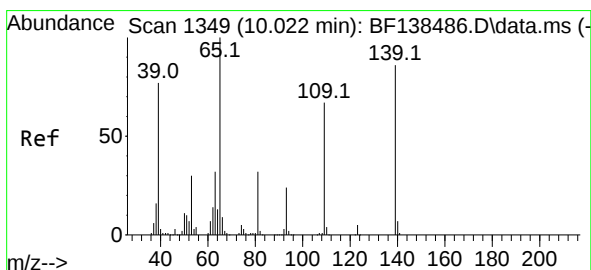
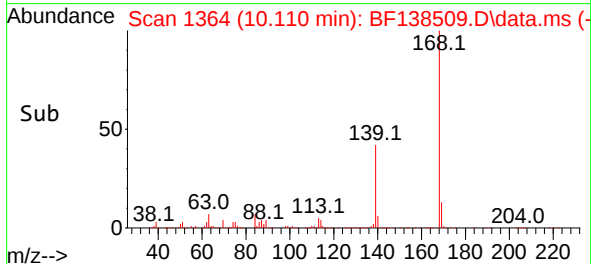
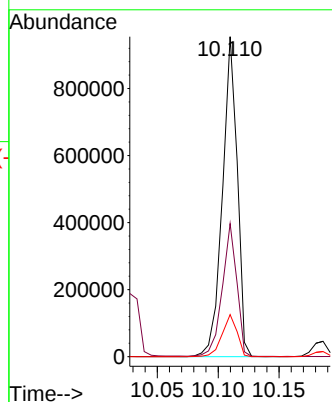
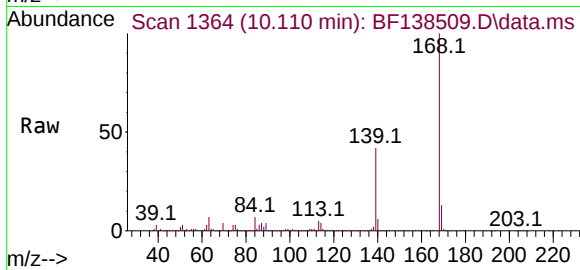
Tgt Ion:168 Resp: 809196

Ion Ratio Lower Upper

168 100

139 41.6 32.4 48.6

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 94.919 ng

RT: 10.027 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

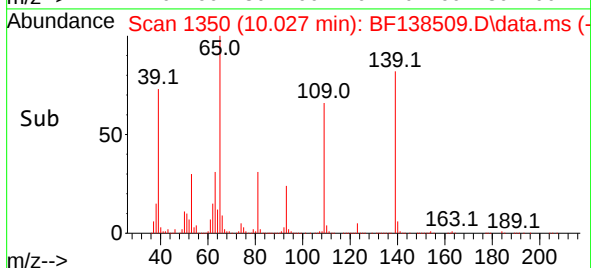
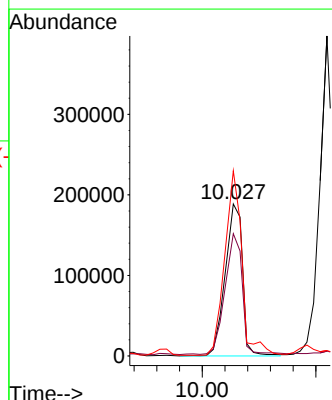
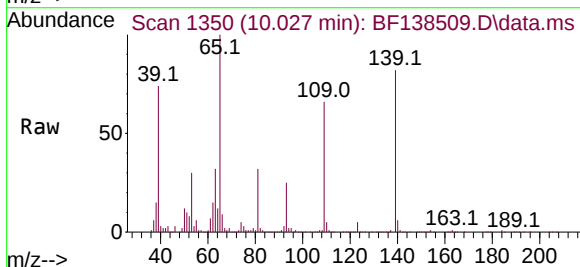
Tgt Ion:139 Resp: 200107

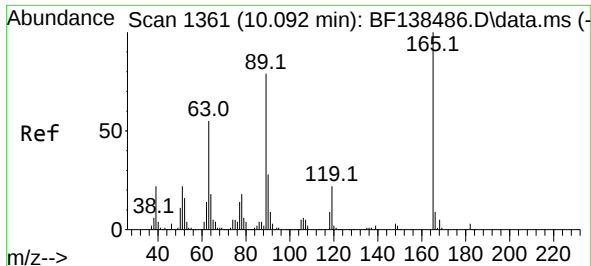
Ion Ratio Lower Upper

139 100

109 80.4 58.1 98.1

65 121.8 96.9 136.9

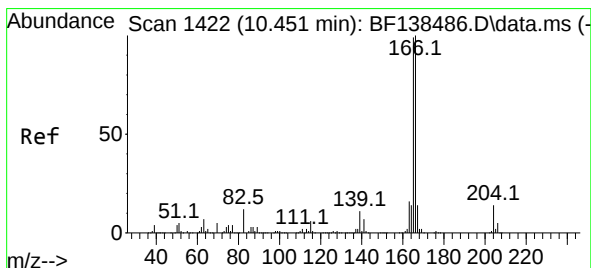
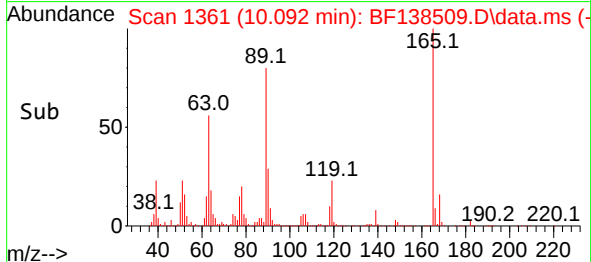
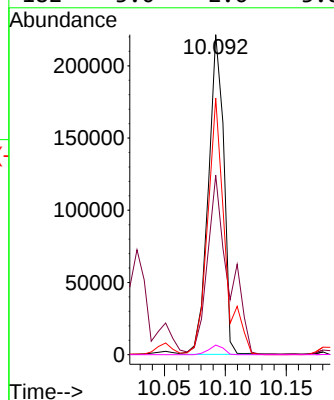
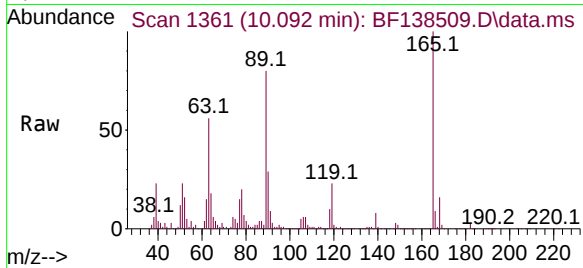




#57
2,4-Dinitrotoluene
Concen: 53.889 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

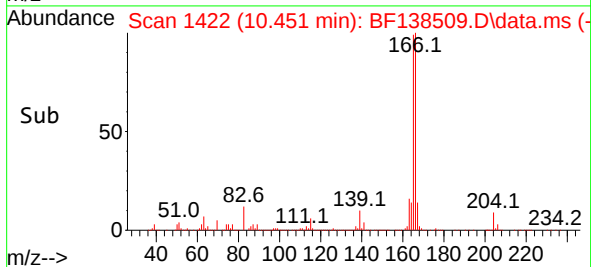
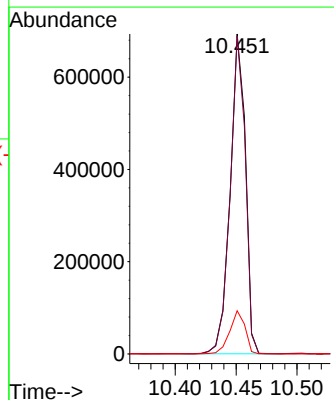
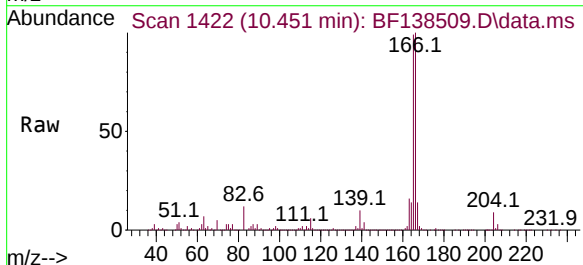
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

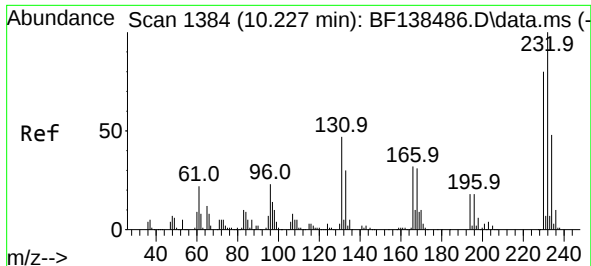
Tgt Ion:165 Resp: 194370
Ion Ratio Lower Upper
165 100
63 56.1 44.6 66.8
89 80.2 63.4 95.2
182 3.0 2.6 3.8



#58
Fluorene
Concen: 52.240 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:166 Resp: 606546
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.5 11.0 16.6

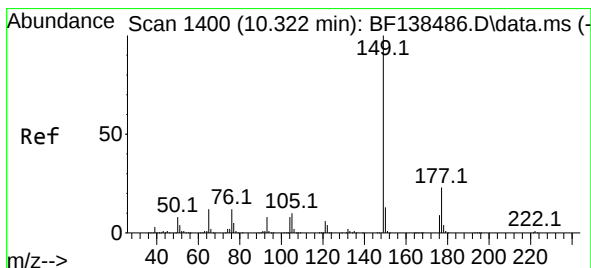
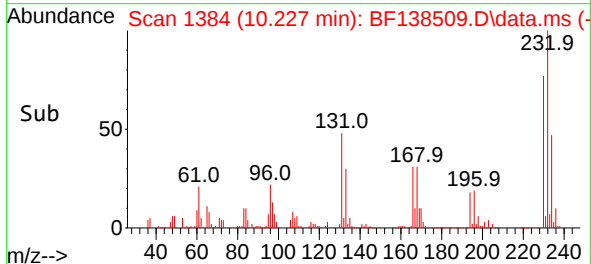
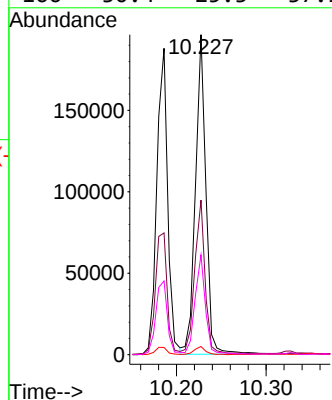
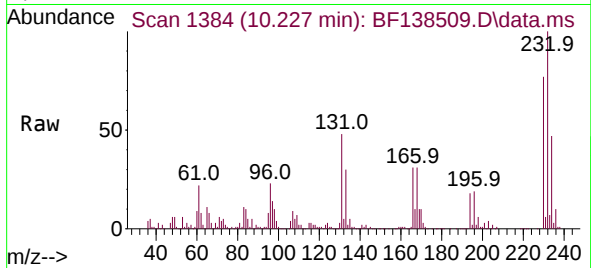




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.339 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

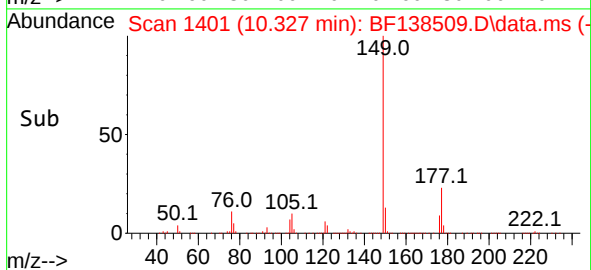
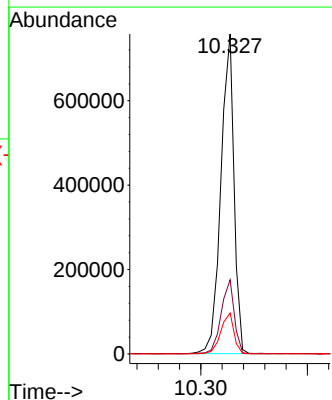
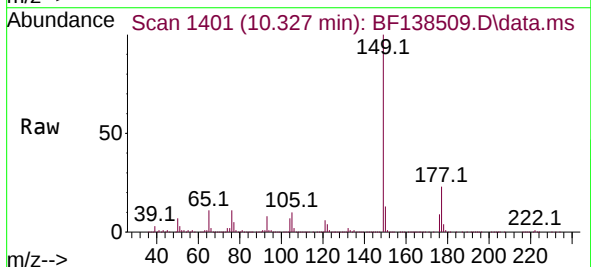
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

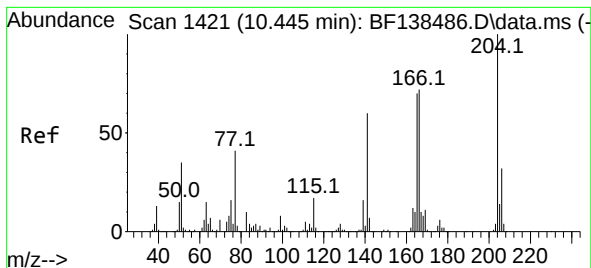
Tgt Ion:232 Resp: 159900
Ion Ratio Lower Upper
232 100
131 47.5 37.5 56.3
130 2.8 2.0 3.0
166 30.4 25.3 37.9



#60
Diethylphthalate
Concen: 55.318 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:149 Resp: 645666
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.8 10.3 15.5

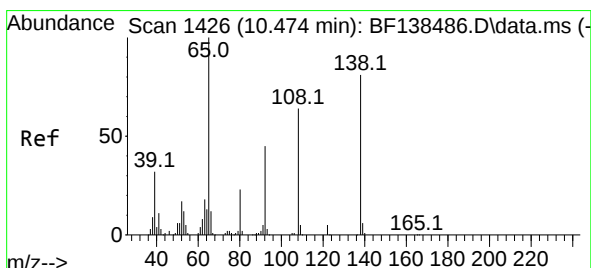
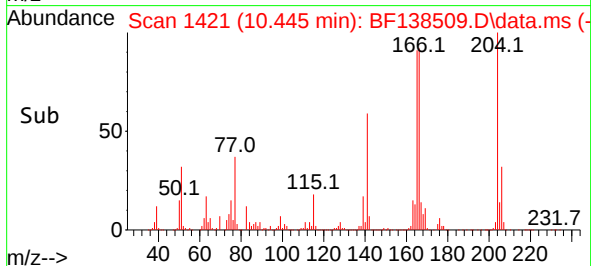
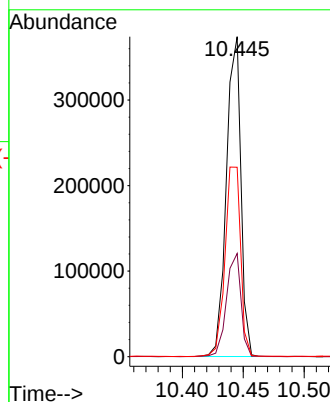
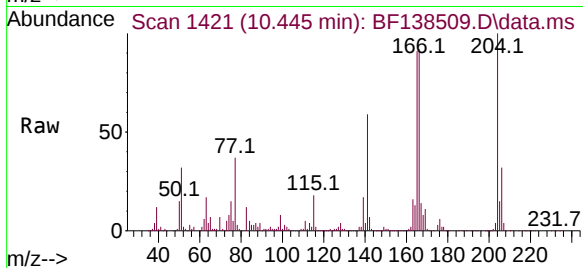




#61
4-Chlorophenyl-phenylether
Concen: 53.104 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

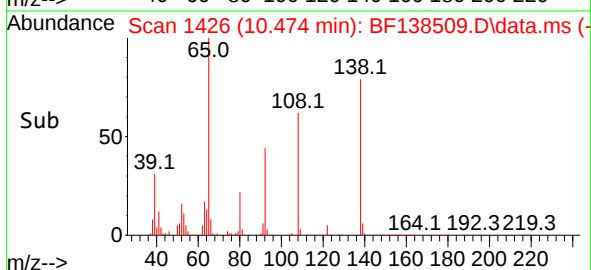
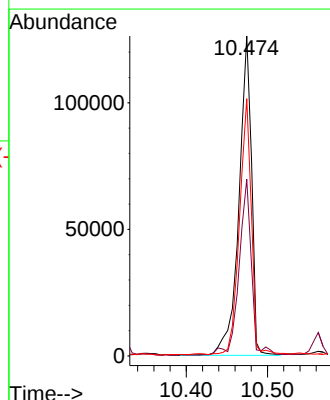
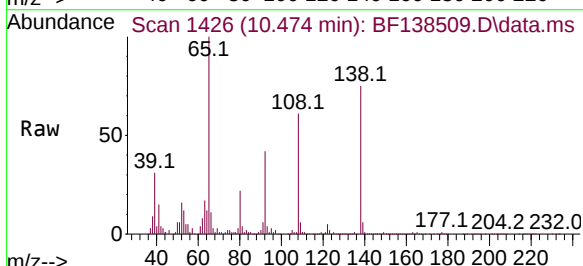
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

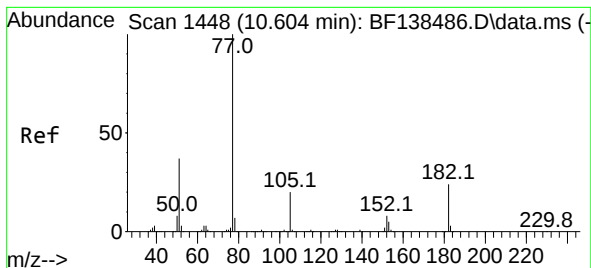
Tgt Ion:204 Resp: 309615
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 59.2 47.7 71.5



#62
4-Nitroaniline
Concen: 47.317 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:138 Resp: 135474
Ion Ratio Lower Upper
138 100
92 55.2 35.8 75.8
108 80.4 59.8 99.8





#63

Azobenzene

Concen: 54.299 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

Tgt Ion: 77 Resp: 681389

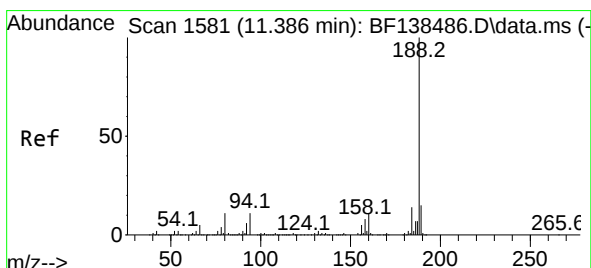
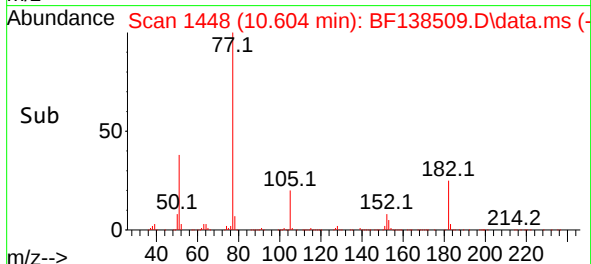
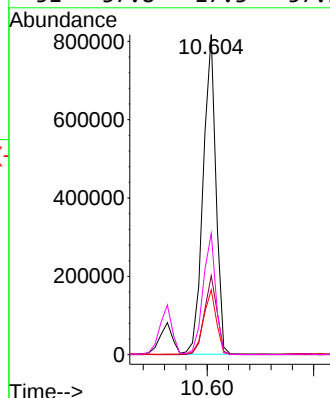
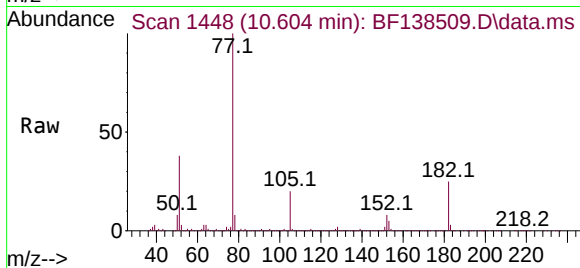
Ion Ratio Lower Upper

77 100

182 24.6 3.8 43.8

105 20.2 0.0 39.8

51 37.8 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

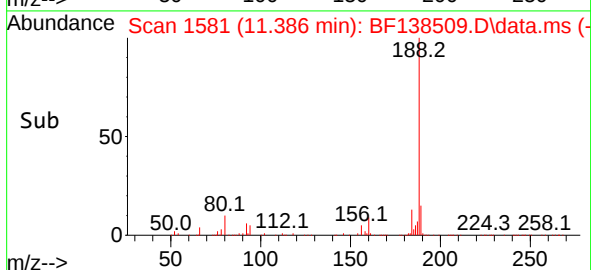
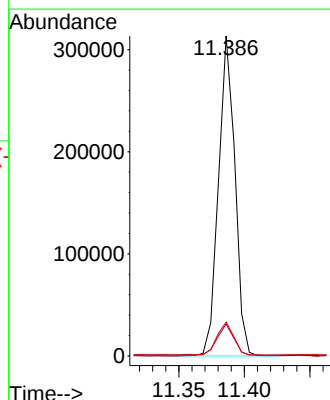
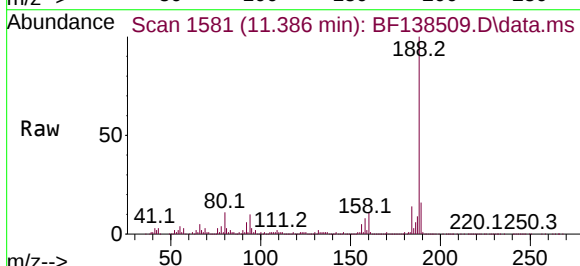
Tgt Ion: 188 Resp: 273414

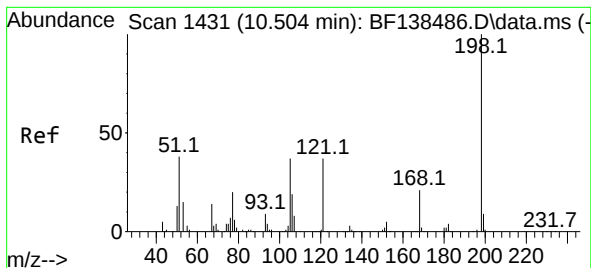
Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 10.6 9.0 13.4

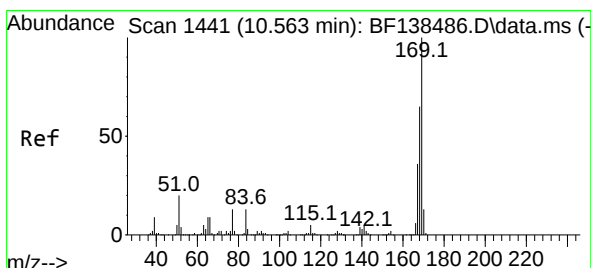
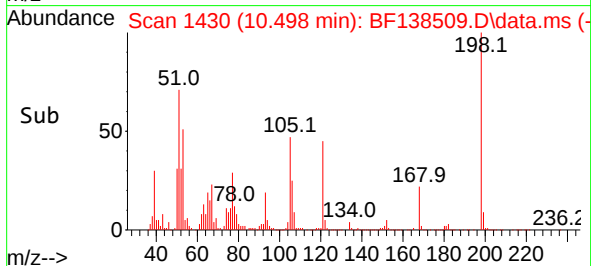
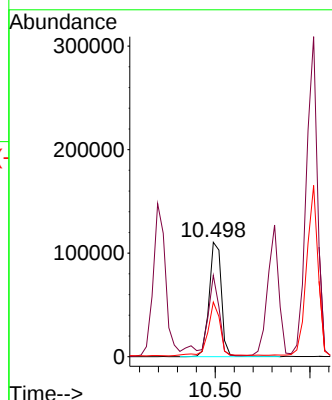
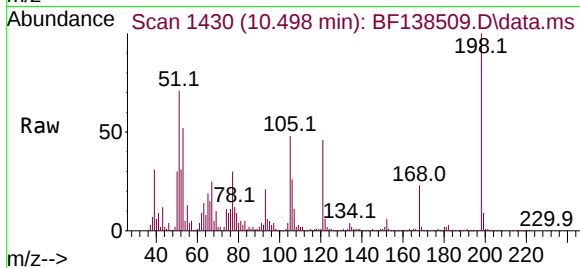




#65
4,6-Dinitro-2-methylphenol
Concen: 62.884 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

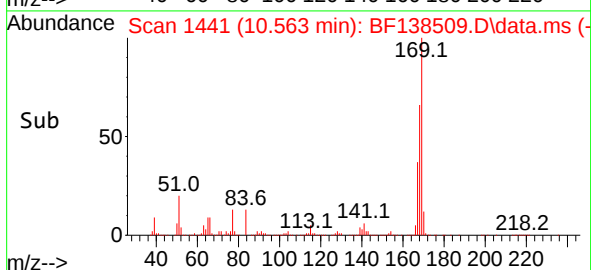
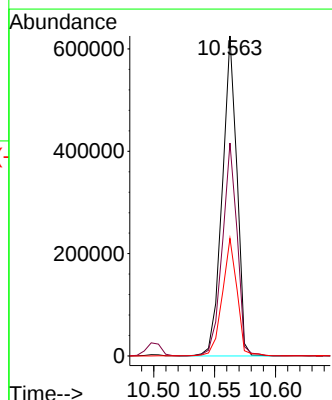
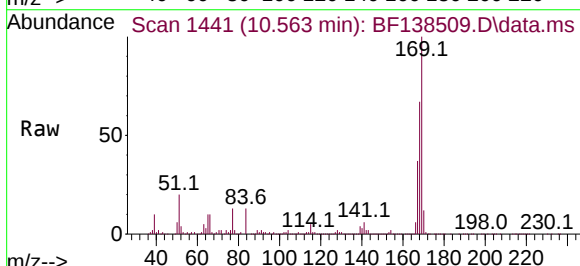
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

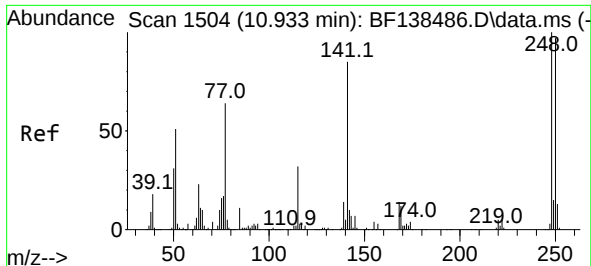
Tgt Ion:198 Resp: 99276
Ion Ratio Lower Upper
198 100
51 71.0 27.2 67.2#
105 47.8 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 63.872 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:169 Resp: 523222
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.8 28.5 42.7

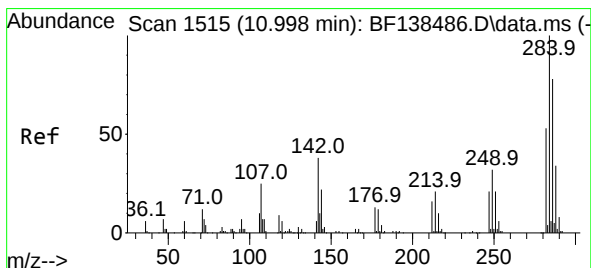
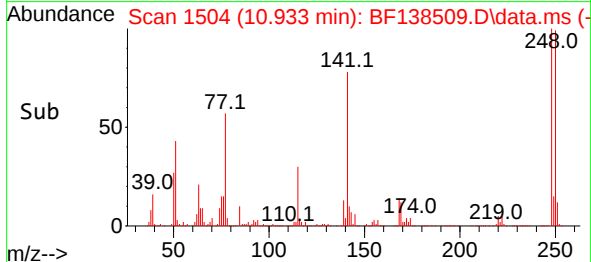
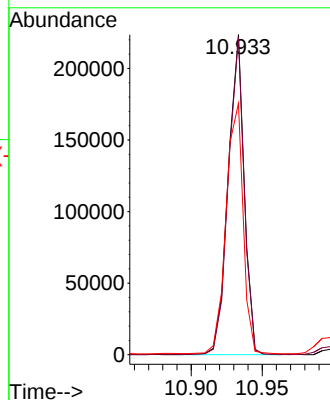
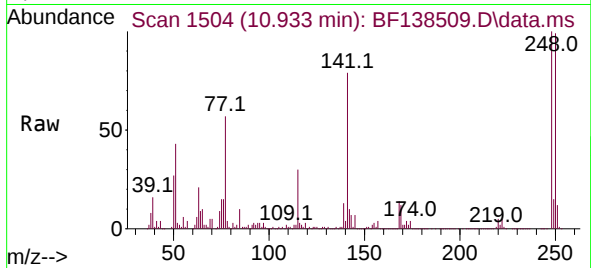




#67
4-Bromophenyl-phenylether
Concen: 62.454 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

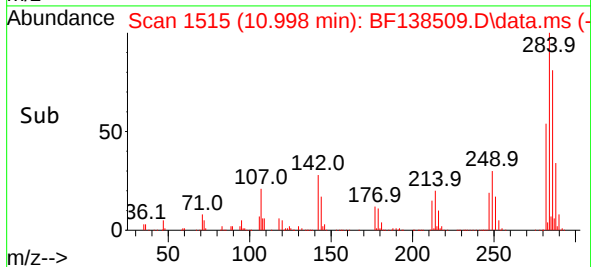
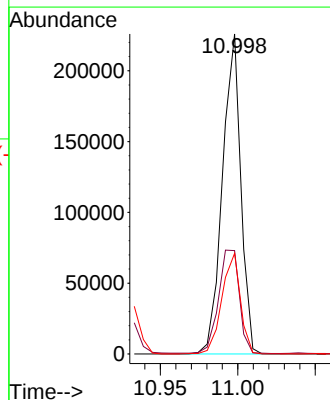
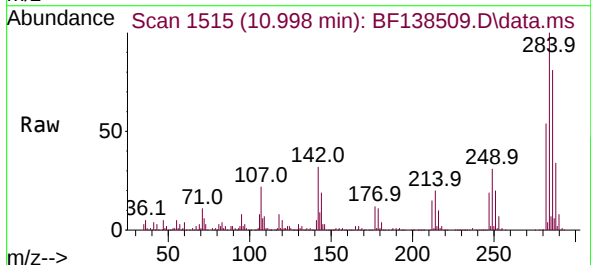
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

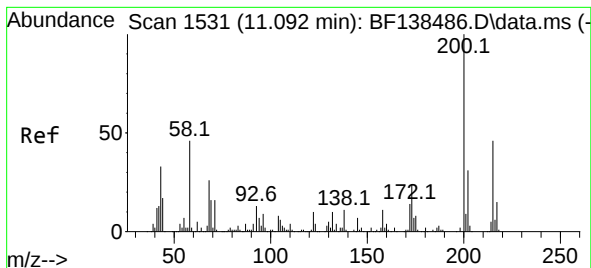
Tgt Ion:248 Resp: 175508
Ion Ratio Lower Upper
248 100
250 99.1 77.9 116.9
141 78.5 67.7 101.5



#68
Hexachlorobenzene
Concen: 59.477 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:284 Resp: 185682
Ion Ratio Lower Upper
284 100
142 32.3 30.5 45.7
249 31.5 25.9 38.9





#69

Atrazine

Concen: 57.238 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

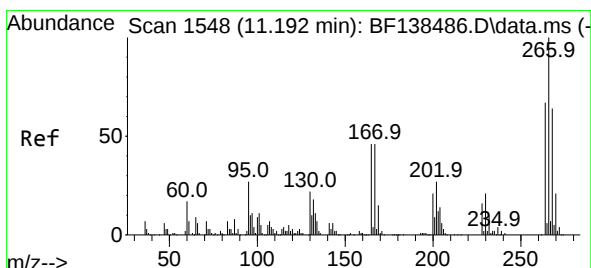
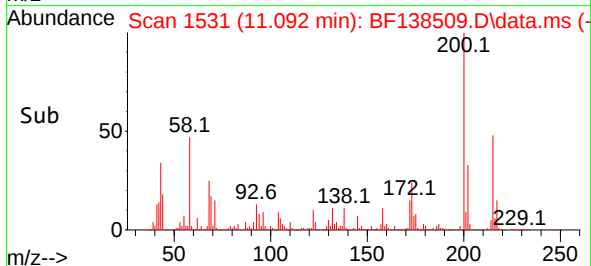
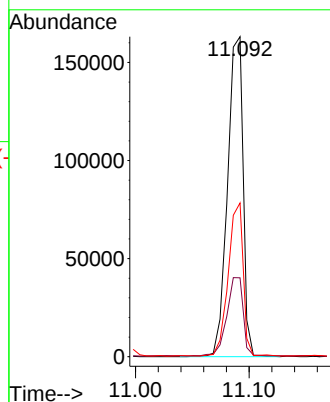
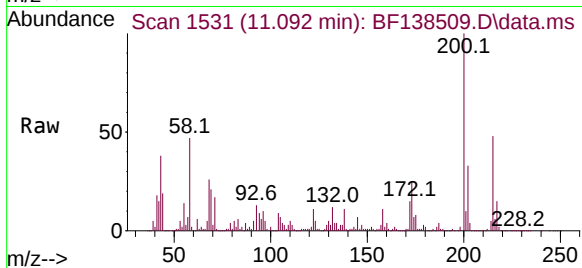
Tgt Ion:200 Resp: 155453

Ion Ratio Lower Upper

200 100

173 24.6 4.1 44.1

215 48.1 26.5 66.5



#70

Pentachlorophenol

Concen: 102.852 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

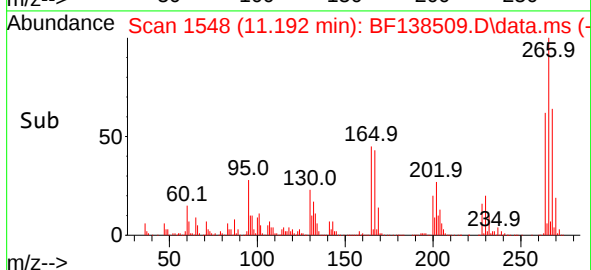
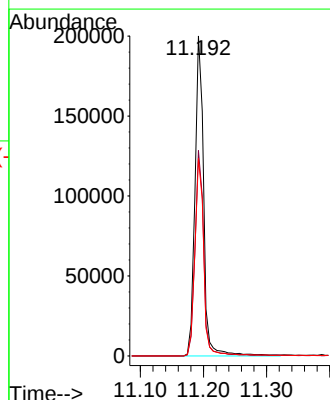
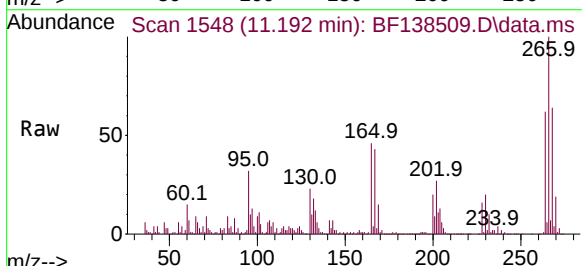
Tgt Ion:266 Resp: 190000

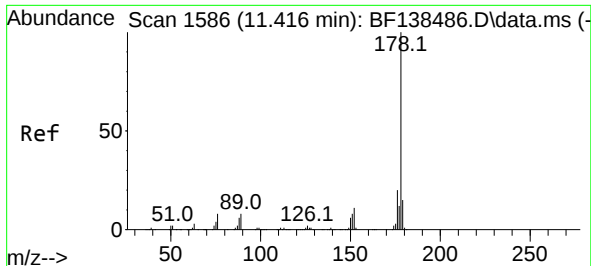
Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

264 61.7 53.5 80.3

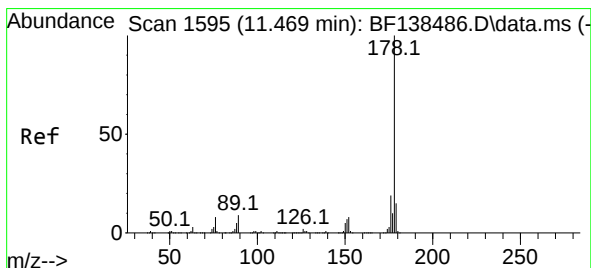
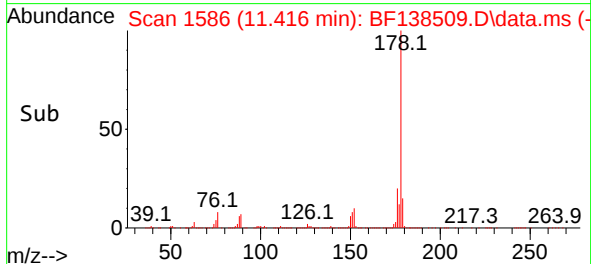
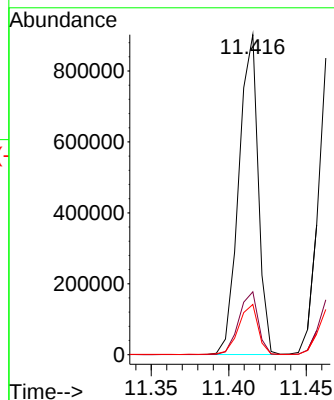
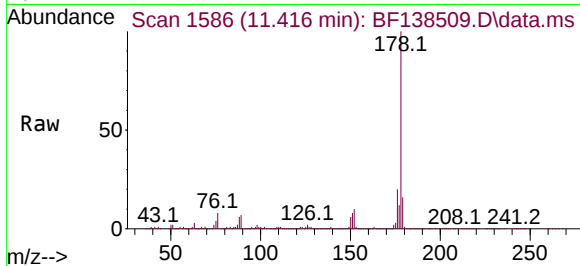




#71
Phenanthrene
Concen: 56.886 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

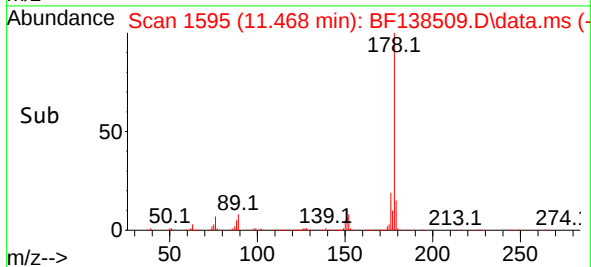
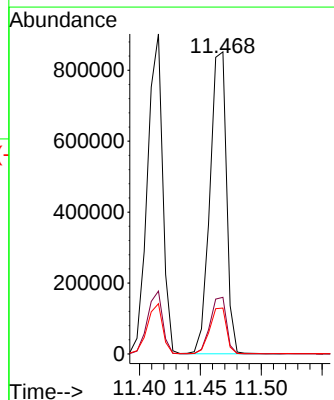
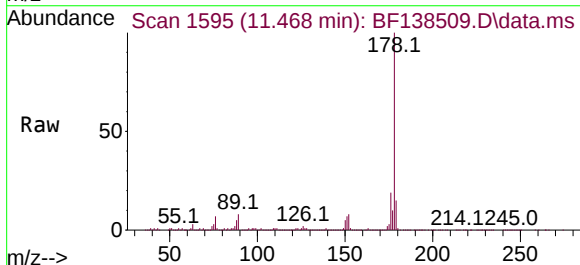
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

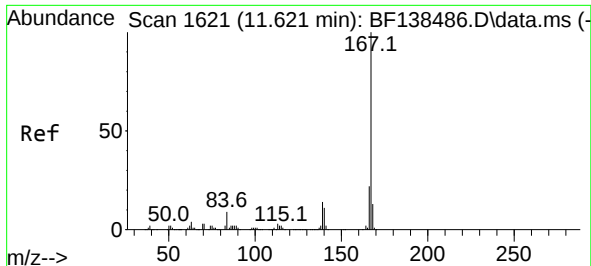
Tgt Ion:178 Resp: 785771
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.7 12.2 18.2



#72
Anthracene
Concen: 58.584 ng
RT: 11.468 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:178 Resp: 803292
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.2 12.2 18.4

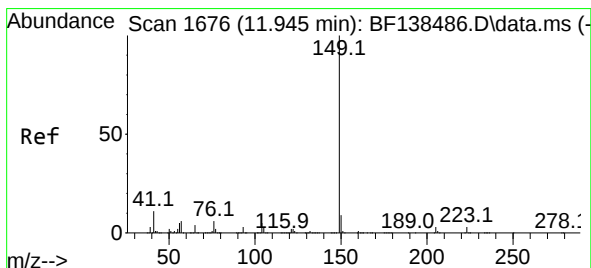
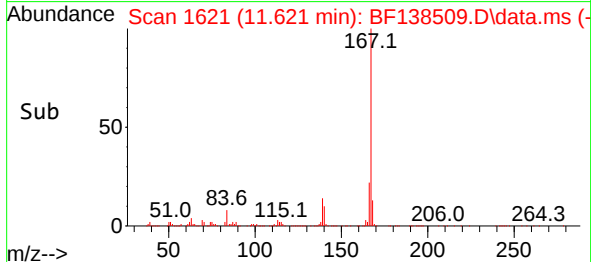
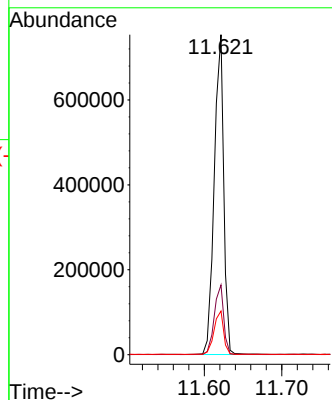
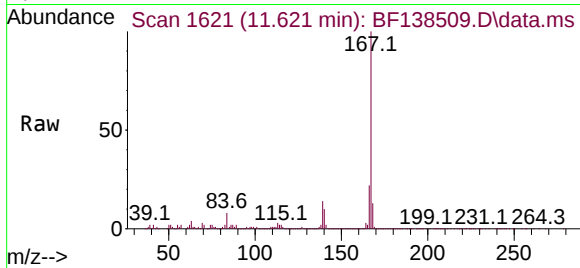




#73
 Carbazole
 Concen: 51.989 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

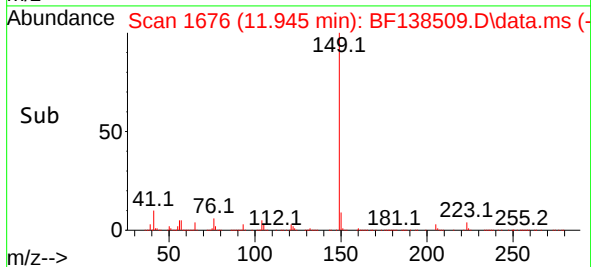
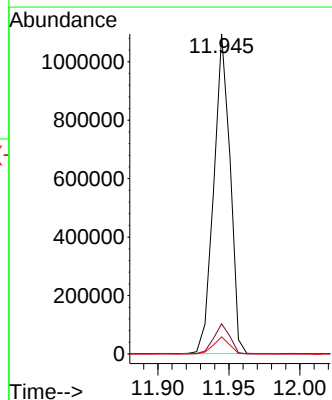
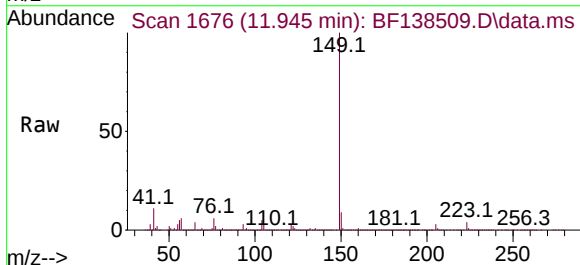
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2MS

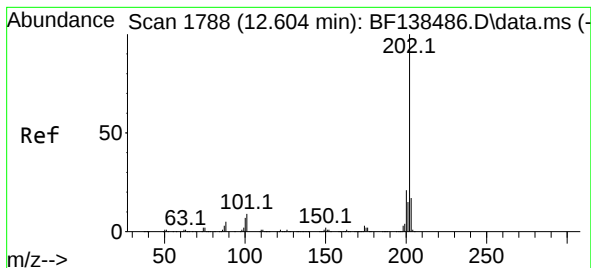
Tgt Ion:167 Resp: 640624
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 61.467 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF138509.D
 Acq: 10 Jul 2024 19:17

Tgt Ion:149 Resp: 873057
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.4 4.4 6.6





#75

Fluoranthene

Concen: 48.022 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

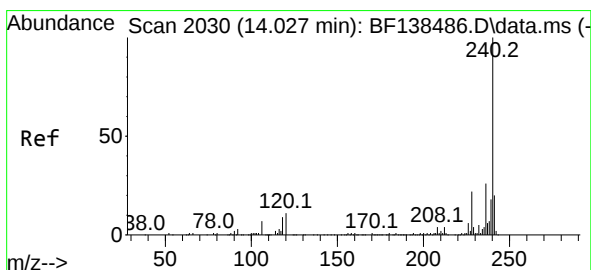
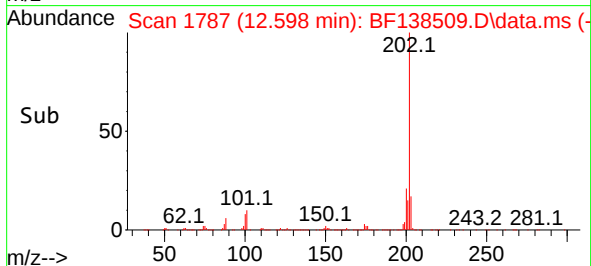
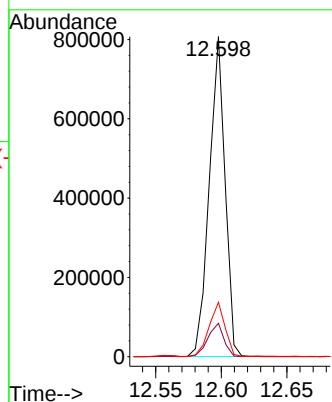
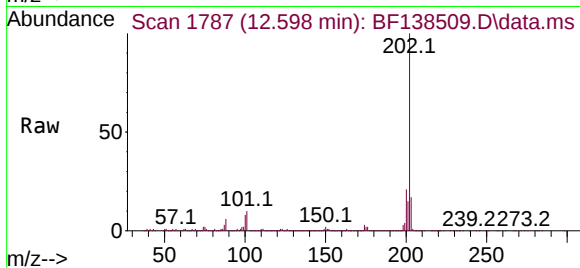
Tgt Ion:202 Resp: 676864

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.2

203 17.0 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

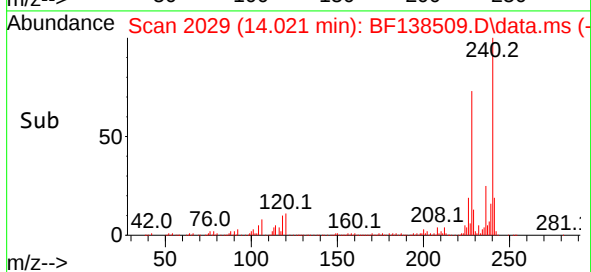
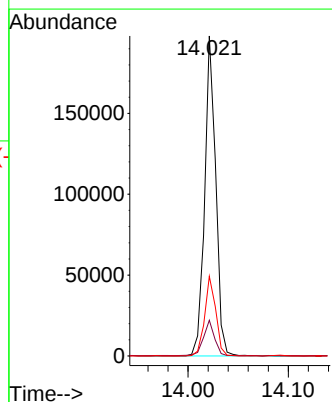
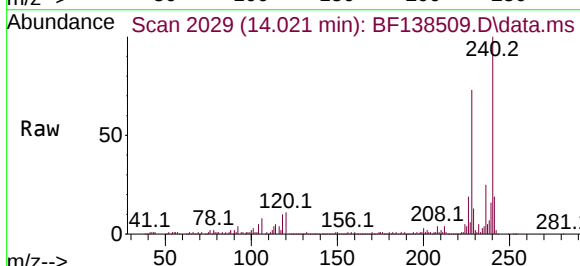
Tgt Ion:240 Resp: 152250

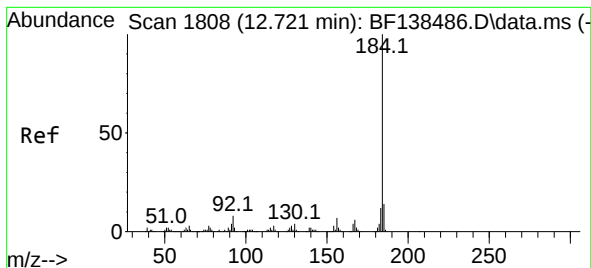
Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 24.9 21.0 31.6





#77

Benzidine

Concen: 54.067 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

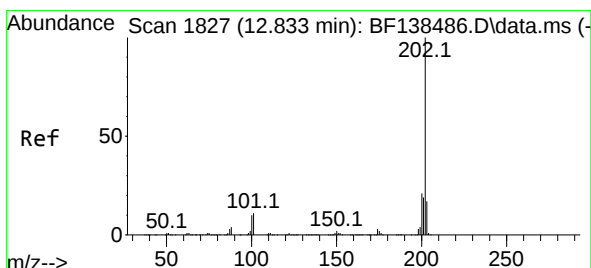
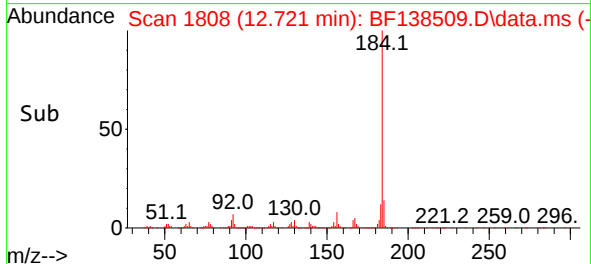
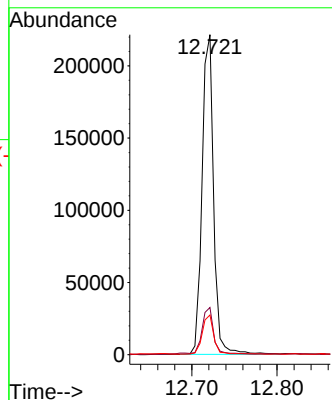
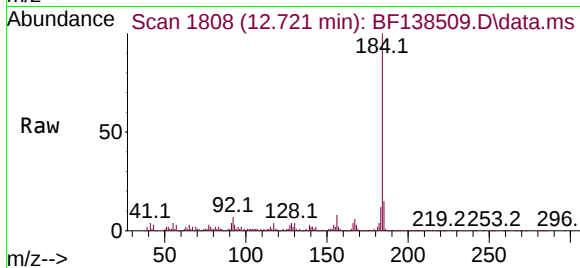
Tgt Ion:184 Resp: 207685

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 43.443 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

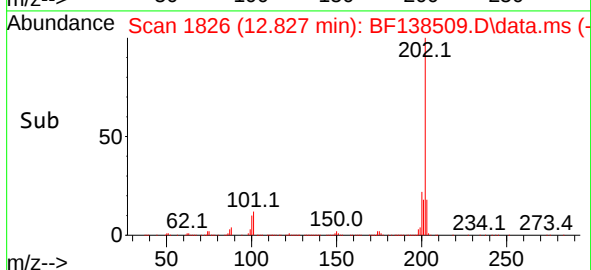
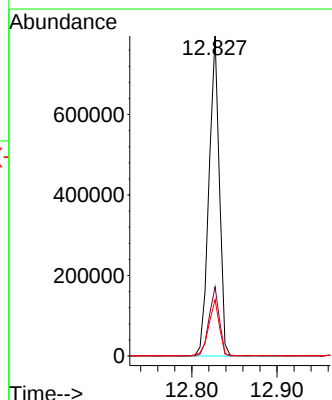
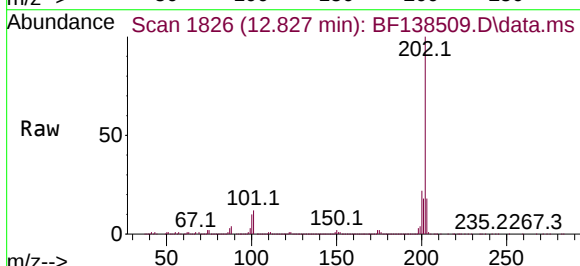
Tgt Ion:202 Resp: 671434

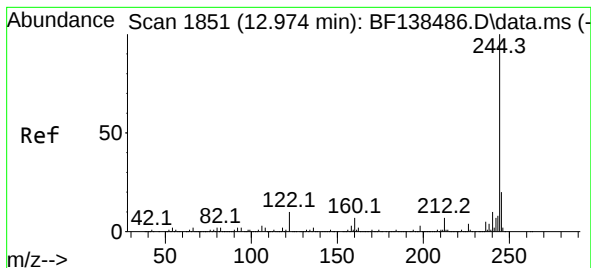
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 74.066 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

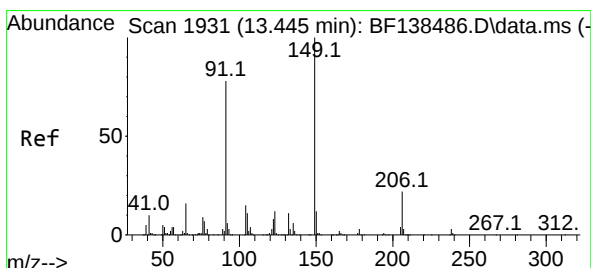
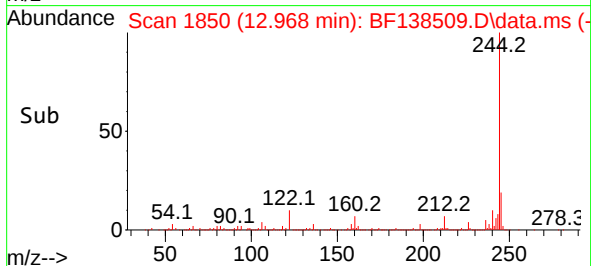
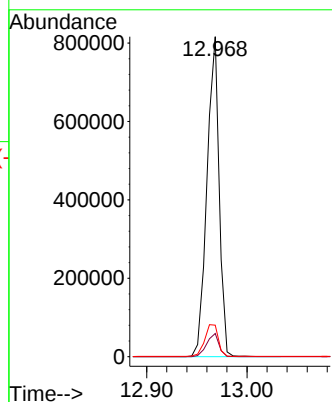
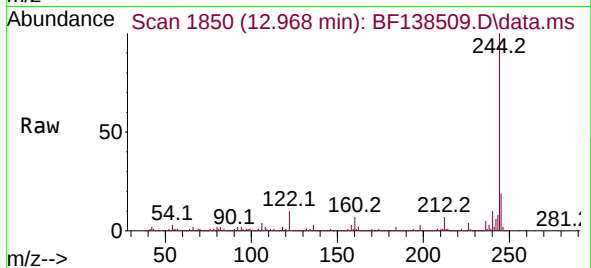
Tgt Ion:244 Resp: 692185

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 9.9 7.8 11.8



#80

Butylbenzylphthalate

Concen: 61.604 ng

RT: 13.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

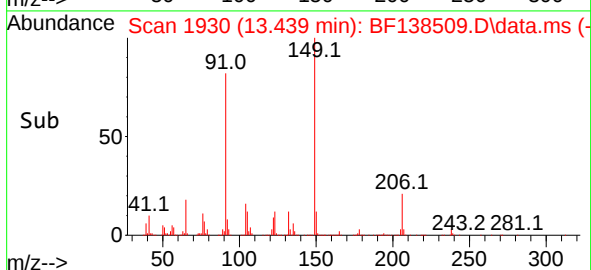
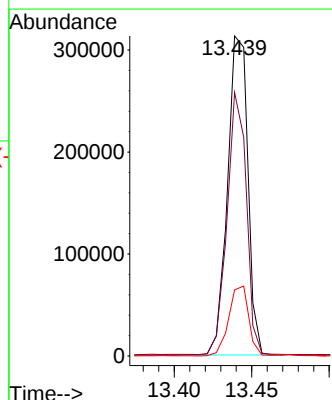
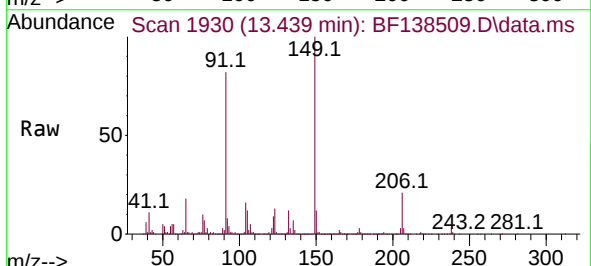
Tgt Ion:149 Resp: 286414

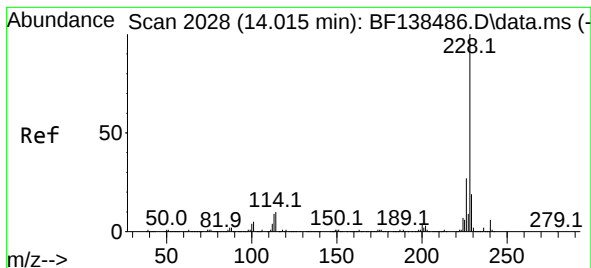
Ion Ratio Lower Upper

149 100

91 82.3 62.1 93.1

206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 56.078 ng

RT: 14.009 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

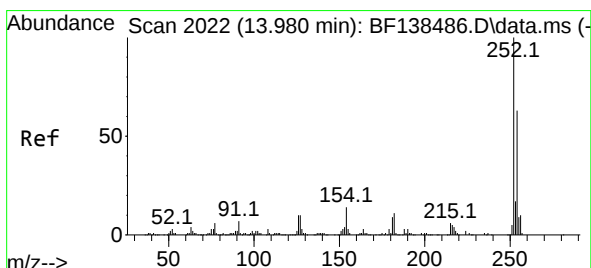
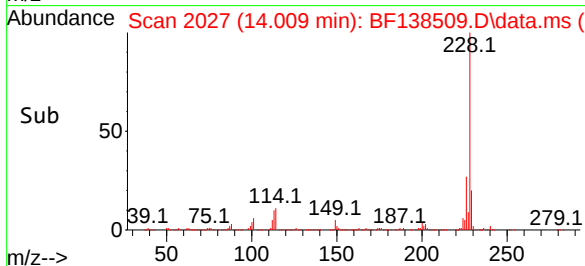
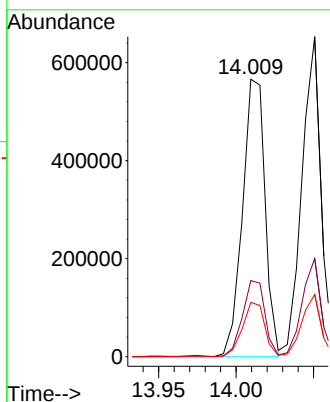
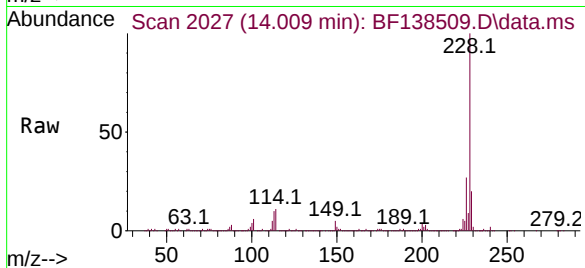
Tgt Ion:228 Resp: 572895

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 45.283 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

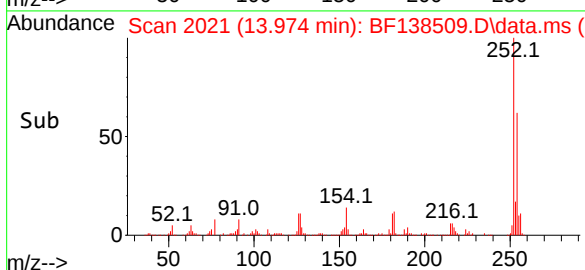
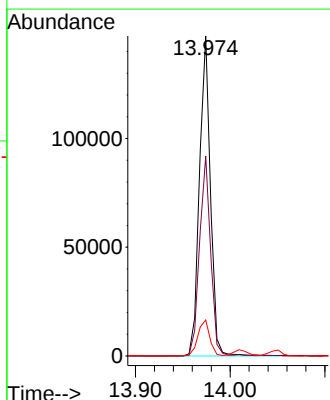
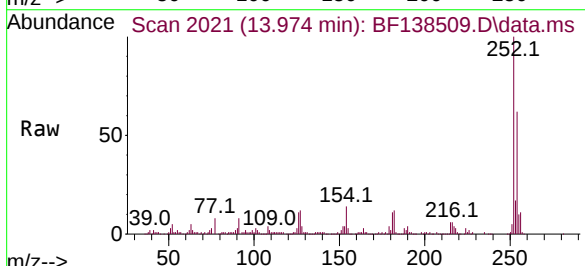
Tgt Ion:252 Resp: 119204

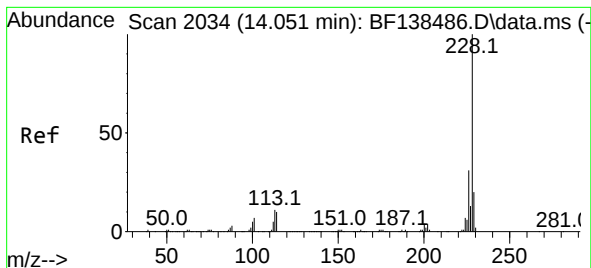
Ion Ratio Lower Upper

252 100

254 62.5 50.3 75.5

126 11.3 8.1 12.1





#83

Chrysene

Concen: 57.458 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

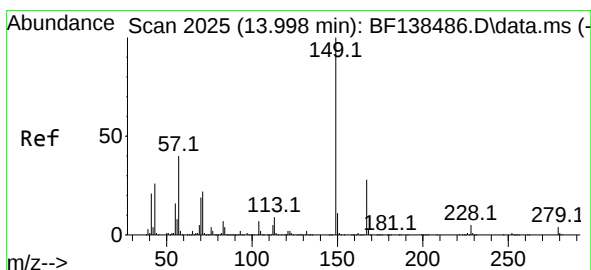
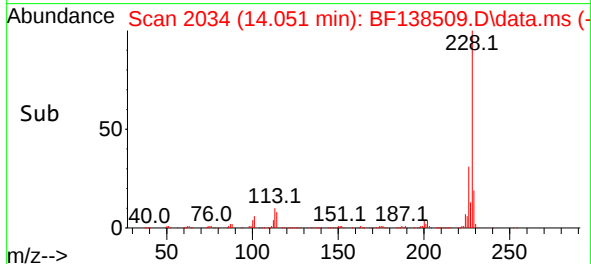
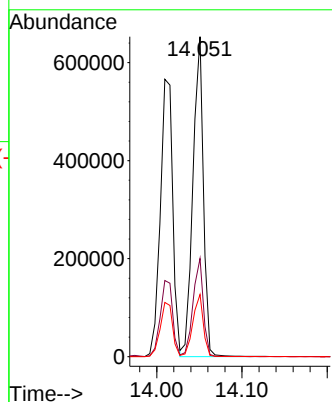
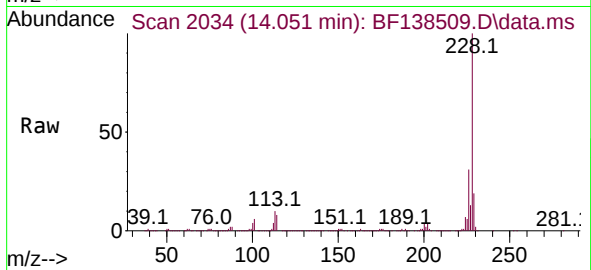
Tgt Ion:228 Resp: 555296

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.182 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

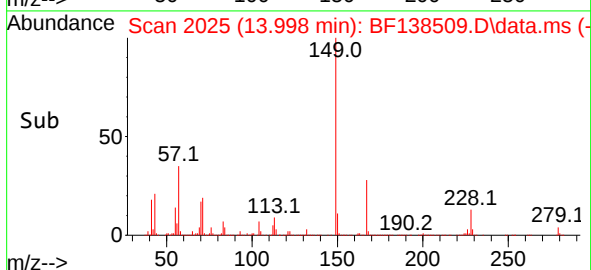
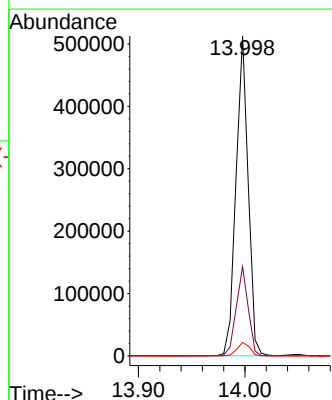
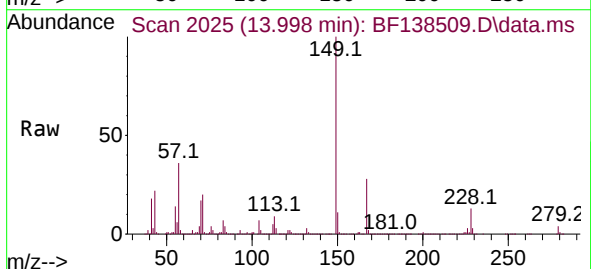
Tgt Ion:149 Resp: 407501

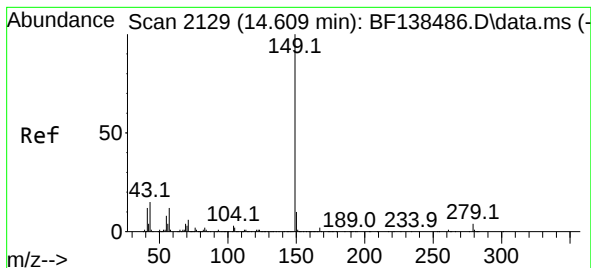
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 89.887 ng

RT: 14.609 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

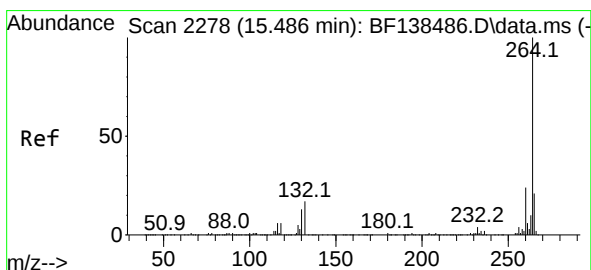
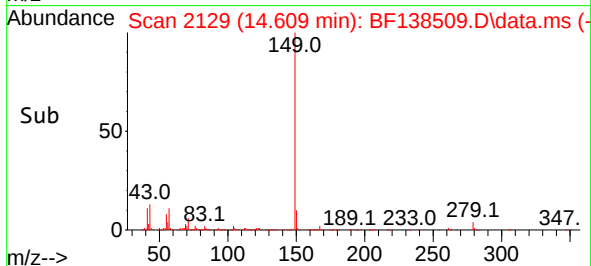
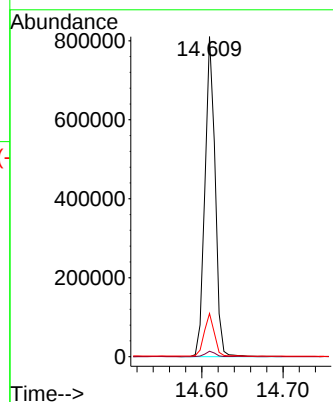
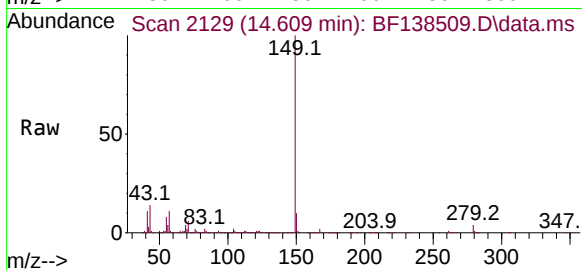
Tgt Ion:149 Resp: 704104

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.000 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

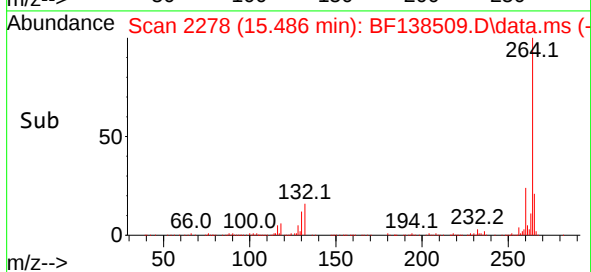
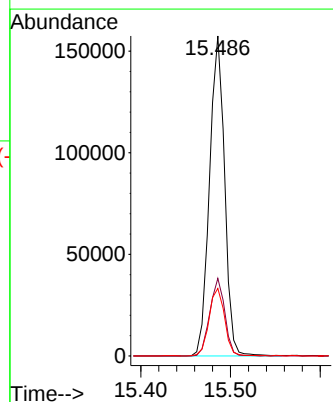
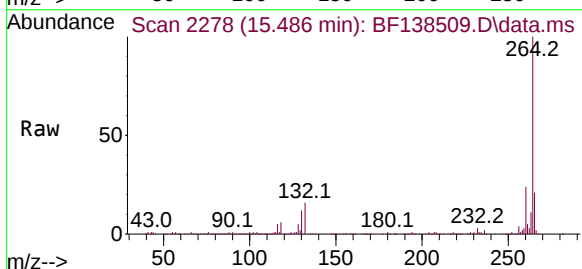
Tgt Ion:264 Resp: 184054

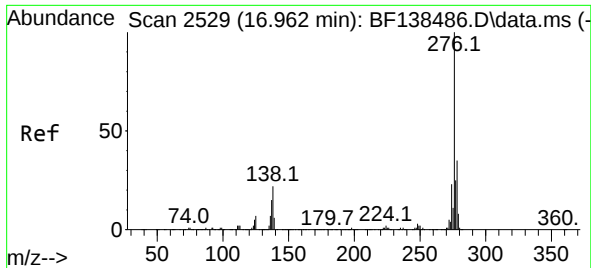
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.1 17.0 25.4

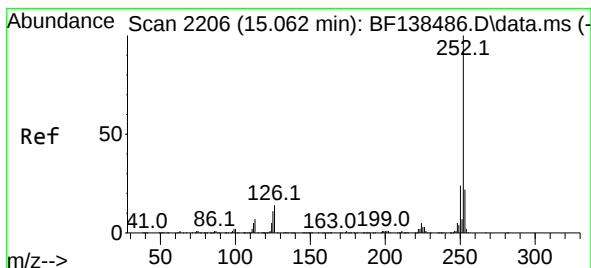
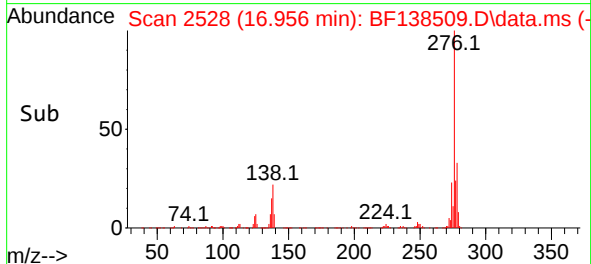
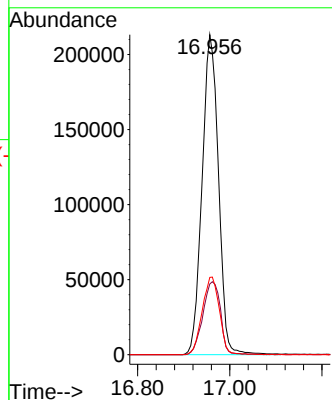
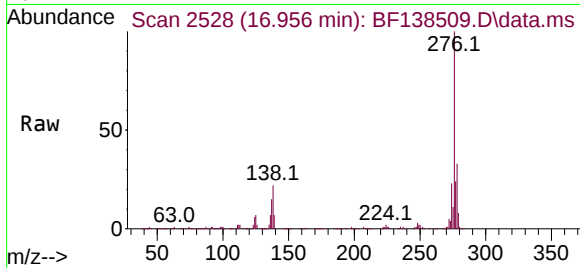




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.762 ng
RT: 16.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

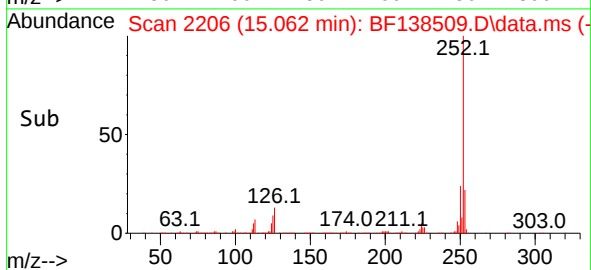
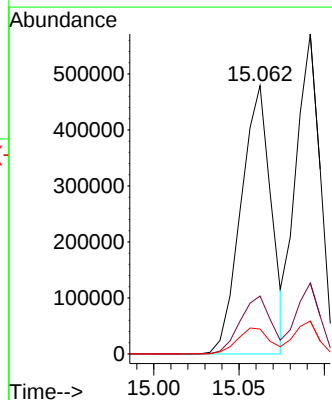
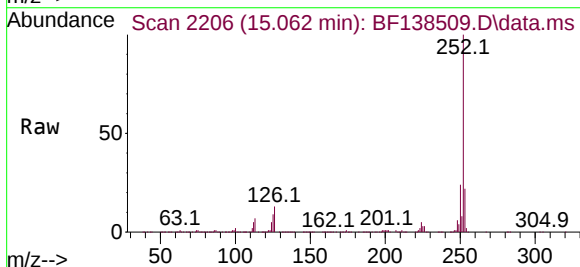
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

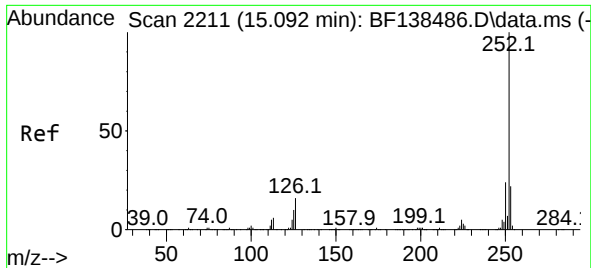
Tgt Ion:276 Resp: 528659
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
277 25.5 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 56.970 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:252 Resp: 590513
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.3 8.6 13.0

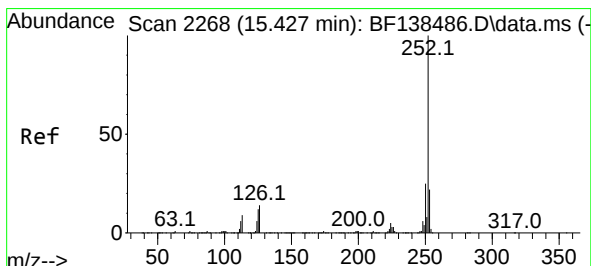
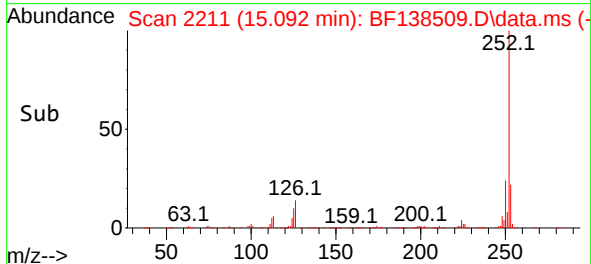
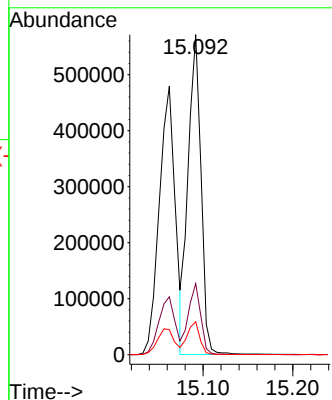
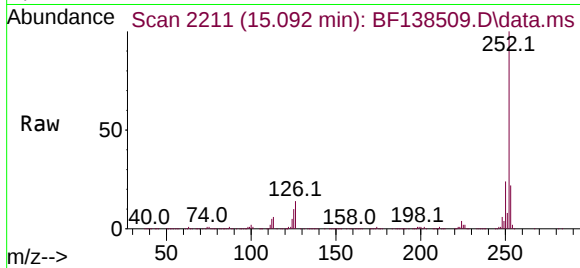




#89
Benzo(k)fluoranthene
Concen: 56.481 ng
RT: 15.092 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

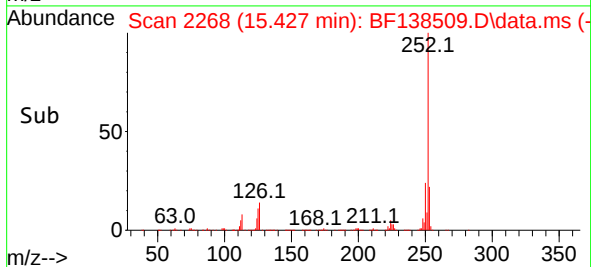
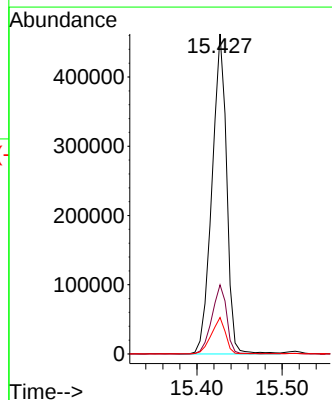
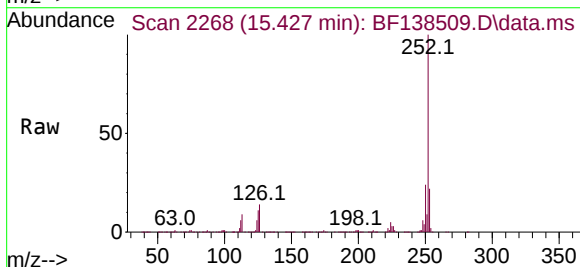
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-2MS

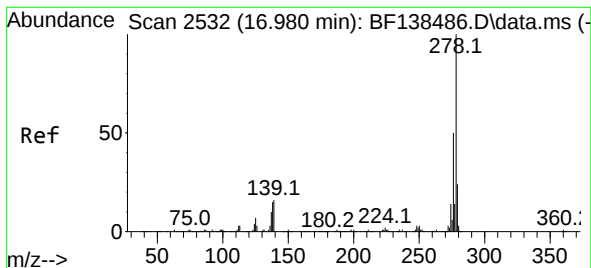
Tgt Ion:252 Resp: 570981
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 60.723 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF138509.D
Acq: 10 Jul 2024 19:17

Tgt Ion:252 Resp: 552913
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 42.929 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-2MS

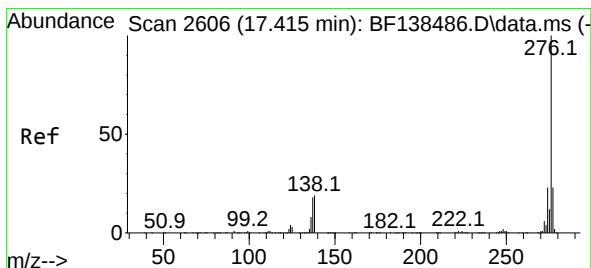
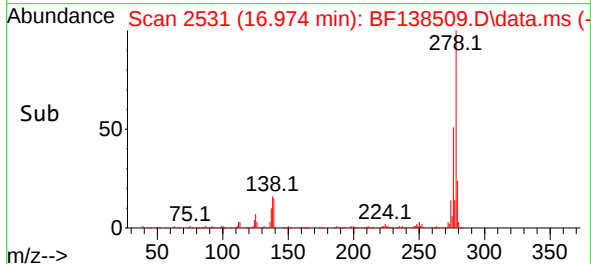
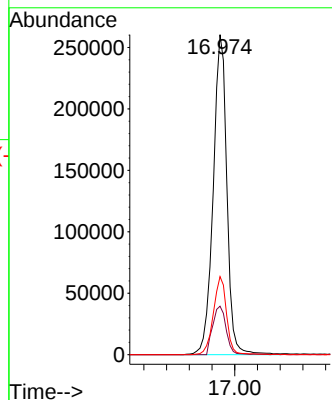
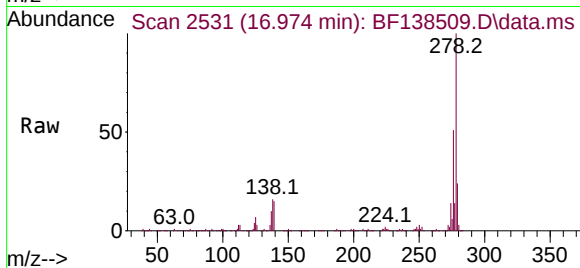
Tgt Ion:278 Resp: 434140

Ion Ratio Lower Upper

278 100

139 15.2 12.8 19.2

279 24.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 35.378 ng

RT: 17.403 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF138509.D

Acq: 10 Jul 2024 19:17

Tgt Ion:276 Resp: 379389

Ion Ratio Lower Upper

276 100

277 23.7 18.0 27.0

138 21.2 15.5 23.3

