

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136691.D
 Acq On : 22 Dec 2023 18:09
 Operator : CG\JU
 Sample : 05884-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2MS

Quant Time: Dec 23 01:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69385	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	265996	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	125211	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	204603	20.000	ng	0.00
76) Chrysene-d12	13.963	240	124085	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	145477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	450806	101.374	ng	0.00
7) Phenol-d6	6.434	99	569160	98.775	ng	0.00
23) Nitrobenzene-d5	7.345	82	361221	69.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	135614	91.964	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	659401	70.831	ng	-0.01
79) Terphenyl-d14	12.904	244	525388	59.170	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	74364	40.135	ng	99
3) Pyridine	3.375	79	180438	39.913	ng	98
4) n-Nitrosodimethylamine	3.340	42	107528	44.540	ng	96
6) Aniline	6.451	93	179058	31.081	ng	# 36
8) 2-Chlorophenol	6.575	128	215967	44.379	ng	93
9) Benzaldehyde	6.334	77	58593	17.877	ng	99
10) Phenol	6.445	94	258746	42.065	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	199212	42.586	ng	99
12) 1,3-Dichlorobenzene	6.722	146	220651	41.563	ng	99
13) 1,4-Dichlorobenzene	6.798	146	230162	42.431	ng	99
14) 1,2-Dichlorobenzene	6.951	146	211471	41.896	ng	98
15) Benzyl Alcohol	6.934	79	179011	46.049	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	320734	41.937	ng	82
17) 2-Methylphenol	7.045	107	167642	41.583	ng	97
18) Hexachloroethane	7.287	117	81836	41.542	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	146570	41.961	ng	100
20) 3+4-Methylphenols	7.198	107	209661	41.627	ng	# 83
22) Acetophenone	7.192	105	298565	44.781	ng	# 92
24) Nitrobenzene	7.369	77	218218	41.907	ng	94
25) Isophorone	7.604	82	400343	42.326	ng	99
26) 2-Nitrophenol	7.681	139	109596	43.991	ng	97
27) 2,4-Dimethylphenol	7.722	122	155475	51.260	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	240608	41.849	ng	99
29) 2,4-Dichlorophenol	7.928	162	169803	43.485	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	181575	41.734	ng	99
31) Naphthalene	8.087	128	607562	41.577	ng	99
32) Benzoic acid	7.851	122	90899	30.974	ng	90
33) 4-Chloroaniline	8.134	127	88331	16.371	ng	97
34) Hexachlorobutadiene	8.198	225	107357	40.614	ng	99
35) Caprolactam	8.510	113	44357	34.434	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	181060	41.188	ng	96
37) 2-Methylnaphthalene	8.775	142	378041	40.198	ng	99
38) 1-Methylnaphthalene	8.875	142	367371	39.816	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	185112	47.737	ng	98
41) Hexachlorocyclopentadiene	8.922	237	93599	75.967	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	113410	45.604	ng	97

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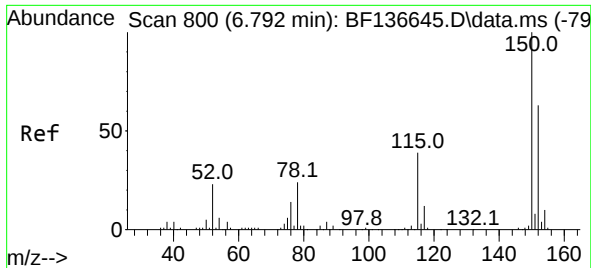
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	121557	43.864	ng	95
46) 1,1'-Biphenyl	9.239	154	484465	46.108	ng	100
47) 2-Chloronaphthalene	9.263	162	350017	43.820	ng	99
48) 2-Nitroaniline	9.369	65	114594	45.813	ng	91
49) Acenaphthylene	9.681	152	573977	47.012	ng	100
50) Dimethylphthalate	9.545	163	399249	43.654	ng	99
51) 2,6-Dinitrotoluene	9.610	165	88896	42.828	ng	91
52) Acenaphthene	9.851	154	324401	42.864	ng	98
53) 3-Nitroaniline	9.775	138	68538	31.171	ng	99
54) 2,4-Dinitrophenol	9.886	184	47001	42.685	ng	# 85
55) Dibenzofuran	10.028	168	491515	42.844	ng	99
56) 4-Nitrophenol	9.957	139	114437	77.099	ng	99
57) 2,4-Dinitrotoluene	10.016	165	112066	41.590	ng	100
58) Fluorene	10.369	166	378697	41.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	82683	38.759	ng	93
60) Diethylphthalate	10.245	149	406942	42.885	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	182884	41.334	ng	97
62) 4-Nitroaniline	10.392	138	79301	37.413	ng	99
63) Azobenzene	10.522	77	362001	40.844	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	38108	32.499	ng	90
66) n-Nitrosodiphenylamine	10.486	169	343727	51.716	ng	97
67) 4-Bromophenyl-phenylether	10.851	248	106147	46.714	ng	96
68) Hexachlorobenzene	10.916	284	114060	45.043	ng	94
69) Atrazine	11.016	200	102254	60.151	ng	98
70) Pentachlorophenol	11.116	266	93198	78.961	ng	97
71) Phenanthrene	11.333	178	488383	46.520	ng	99
72) Anthracene	11.386	178	482005	45.335	ng	99
73) Carbazole	11.545	167	415415	41.442	ng	100
74) Di-n-butylphthalate	11.874	149	567489	46.395	ng	99
75) Fluoranthene	12.527	202	437776	38.984	ng	99
77) Benzidine	12.651	184	108567	29.673	ng	99
78) Pyrene	12.757	202	437149	35.888	ng	100
80) Butylbenzylphthalate	13.380	149	184994	41.737	ng	97
81) Benzo(a)anthracene	13.951	228	374605	43.476	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	110954	45.344	ng	98
83) Chrysene	13.986	228	364360	43.243	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	253573	45.470	ng	99
85) Di-n-octyl phthalate	14.563	149	447705	51.900	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	376567	35.851	ng	99
88) Benzo(b)fluoranthene	15.004	252	418391	43.060	ng	99
89) Benzo(k)fluoranthene	15.039	252	360133	39.225	ng	98
90) Benzo(a)pyrene	15.374	252	350712	42.760	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	318005	36.904	ng	99
92) Benzo(g,h,i)perylene	17.386	276	278425	31.547	ng	98

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

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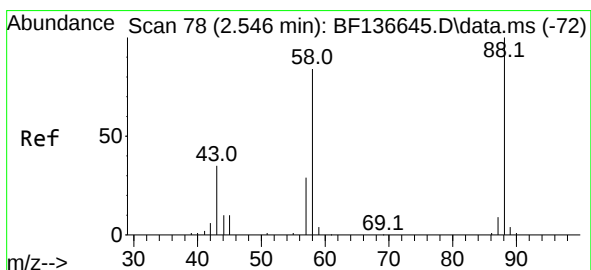
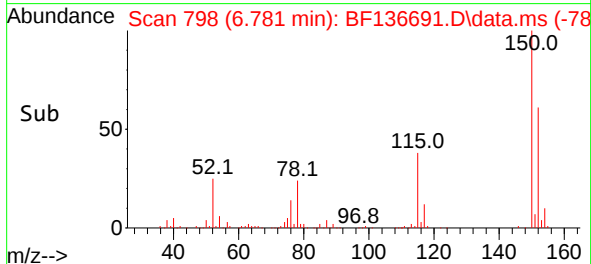
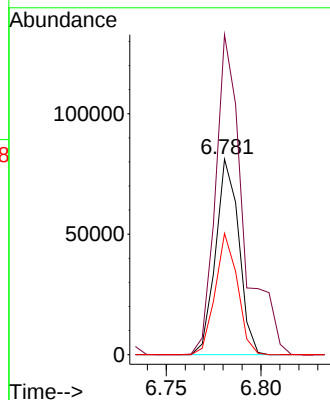
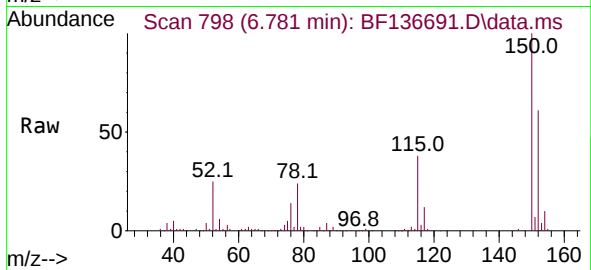




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

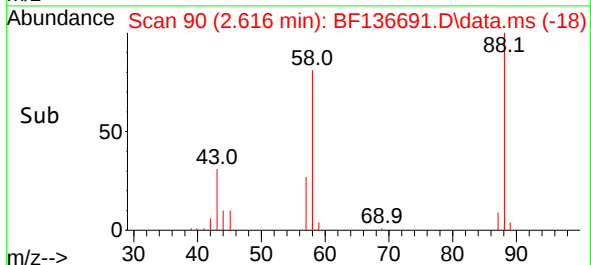
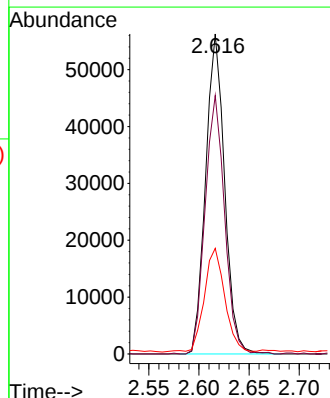
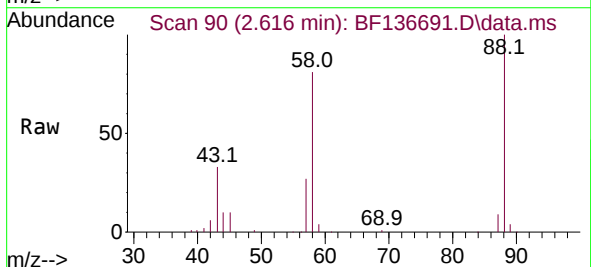
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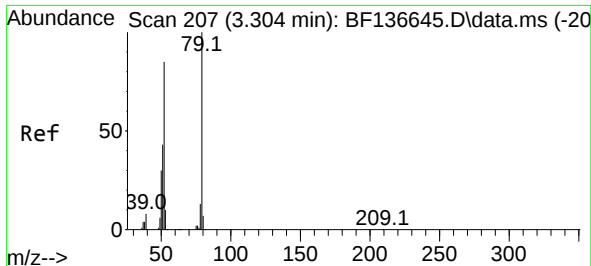
Tgt Ion:152 Resp: 69385
 Ion Ratio Lower Upper
 152 100
 150 163.6 127.0 190.6
 115 62.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.135 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

Tgt Ion: 88 Resp: 74364
 Ion Ratio Lower Upper
 88 100
 58 82.9 67.4 101.0
 43 35.1 27.7 41.5

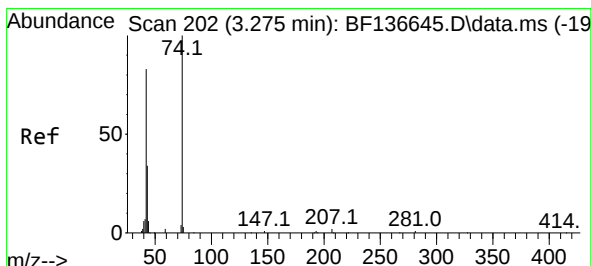
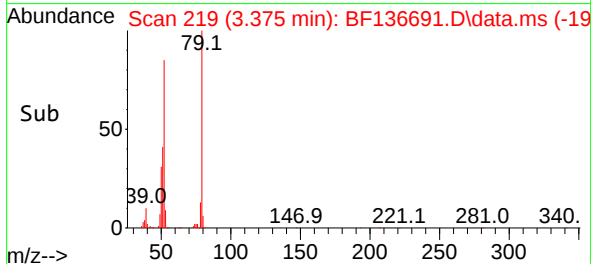
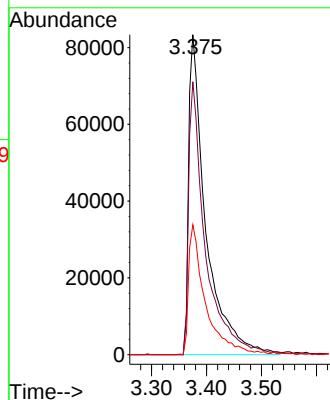
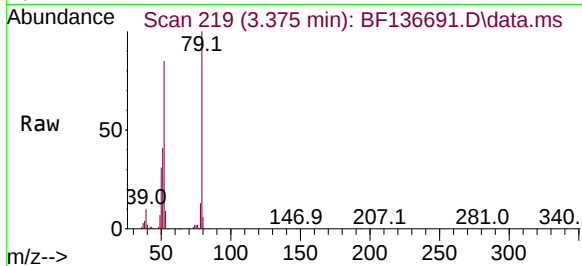




#3
 Pyridine
 Concen: 39.913 ng
 RT: 3.375 min Scan# 213
 Delta R.T. 0.071 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

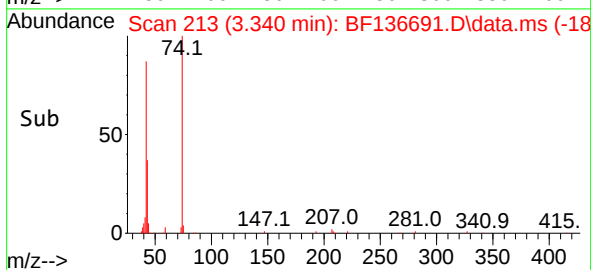
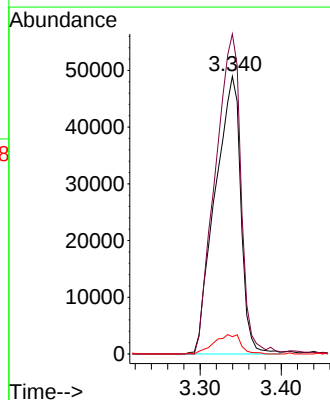
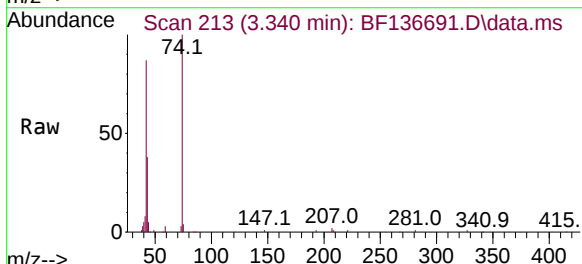
Instrument :
 BNA_F
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 SOIL-COMP-2MS

Tgt Ion: 79 Resp: 180438
 Ion Ratio Lower Upper
 79 100
 52 85.3 67.7 101.5
 51 40.6 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 44.540 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.065 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

Tgt Ion: 42 Resp: 107528
 Ion Ratio Lower Upper
 42 100
 74 115.2 96.0 144.0
 44 6.2 5.4 8.2

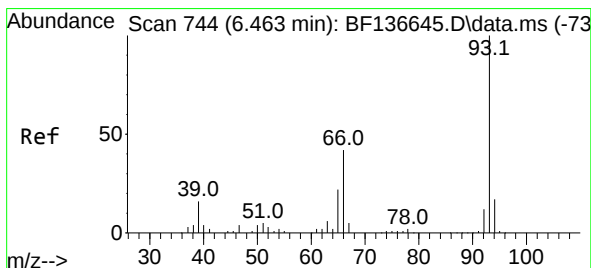
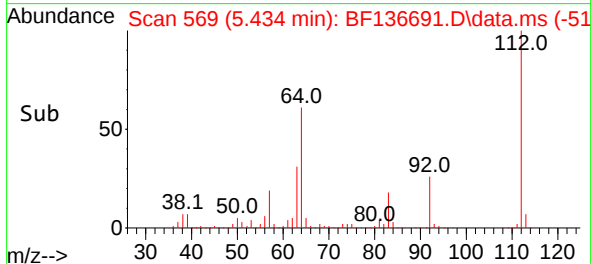
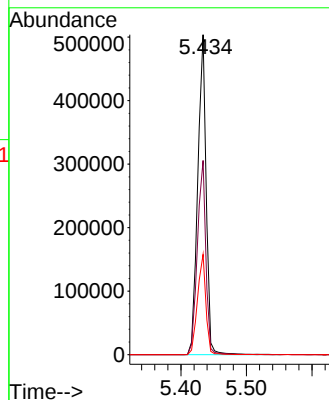
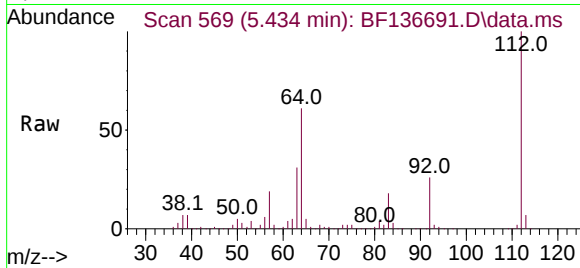




#5
2-Fluorophenol
Concen: 101.374 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

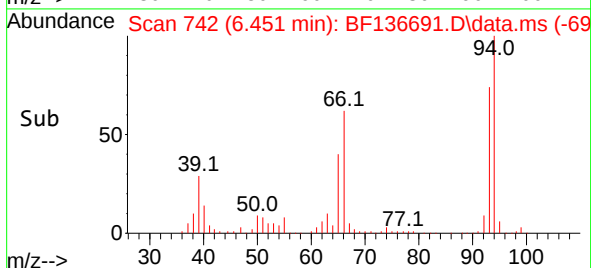
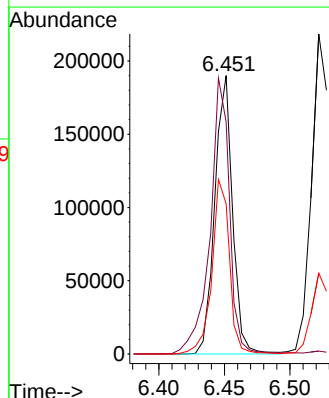
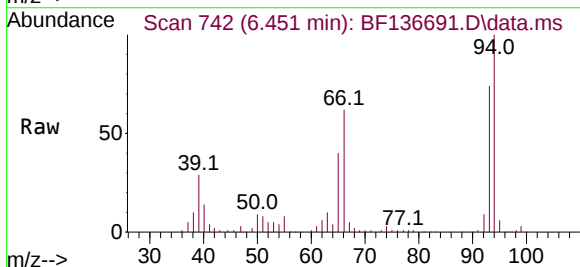
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SOIL-COMP-2MS

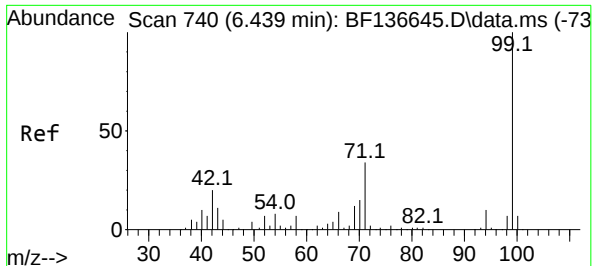
Tgt Ion:112 Resp: 450806
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 31.4 26.1 39.1



#6
Aniline
Concen: 31.081 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 93 Resp: 179058
Ion Ratio Lower Upper
93 100
66 83.3 34.6 51.8#
65 53.9 17.8 26.8#

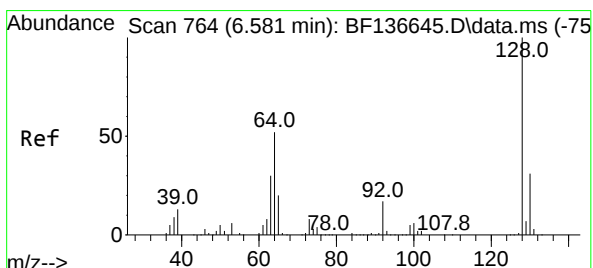
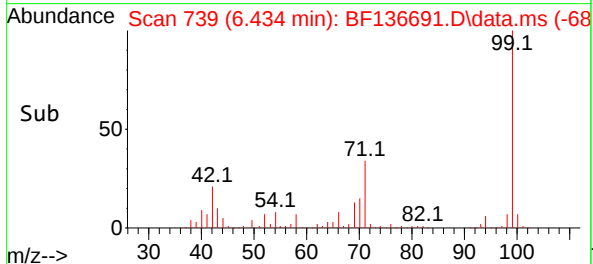
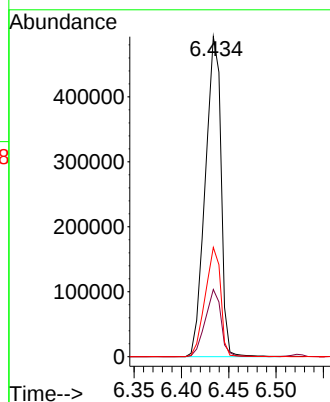
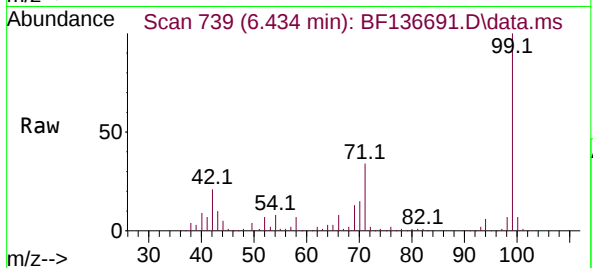




#7
Phenol-d6
Concen: 98.775 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

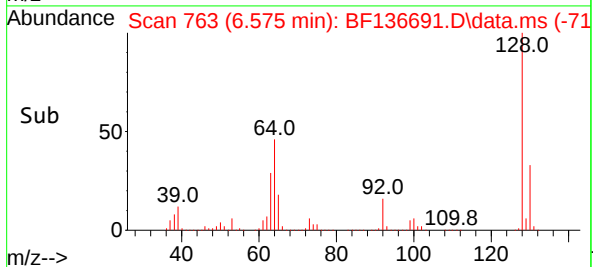
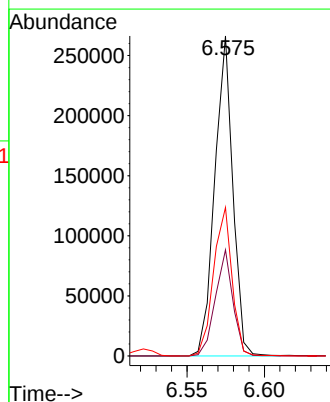
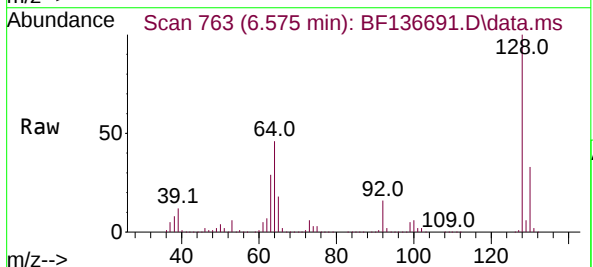
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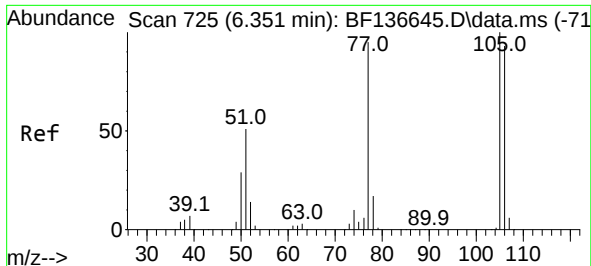
Tgt Ion: 99 Resp: 569160
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 34.2 27.4 41.2



#8
2-Chlorophenol
Concen: 44.379 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:128 Resp: 215967
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 46.4 32.5 72.5

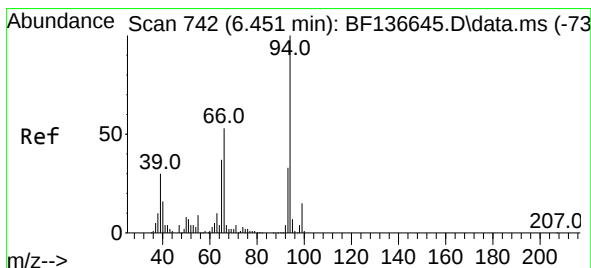
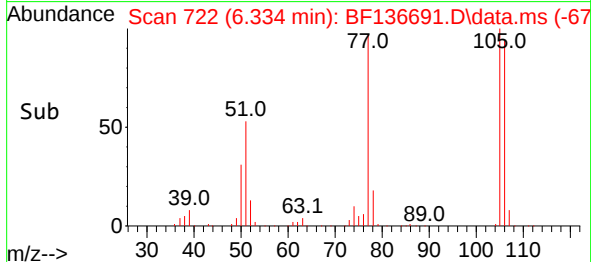
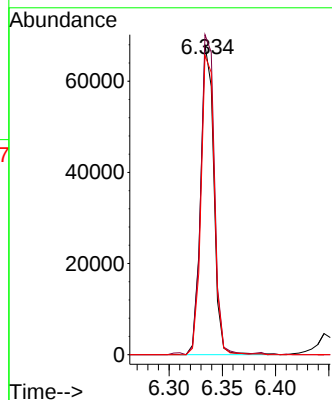
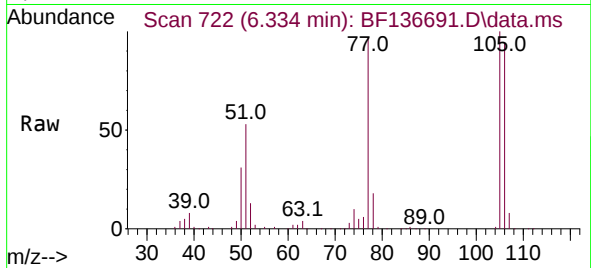




#9
Benzaldehyde
Concen: 17.877 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

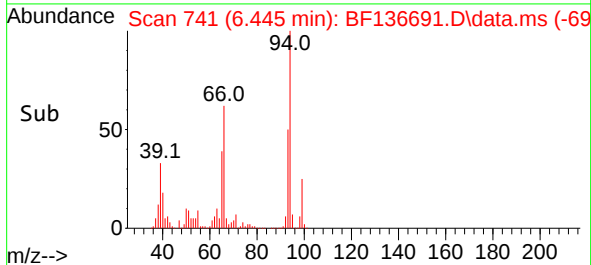
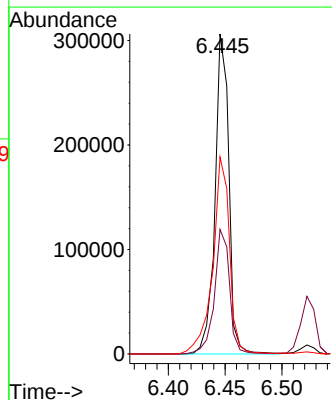
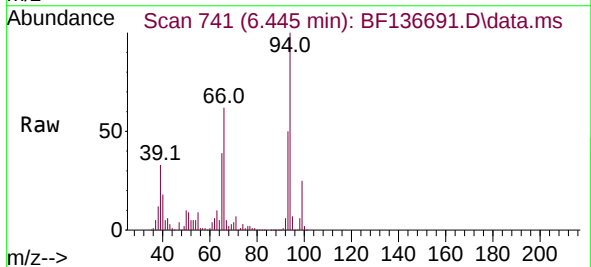
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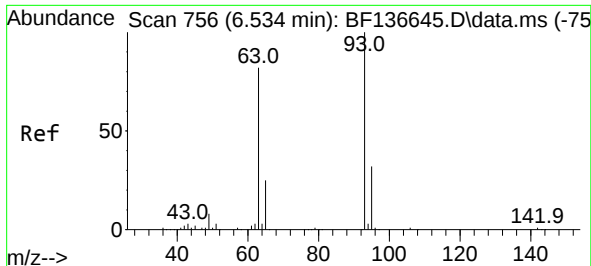
Tgt Ion: 77 Resp: 58593
Ion Ratio Lower Upper
77 100
105 103.2 84.8 124.8
106 96.5 77.8 117.8



#10
Phenol
Concen: 42.065 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 94 Resp: 258746
Ion Ratio Lower Upper
94 100
65 38.9 16.6 56.6
66 61.5 32.6 72.6

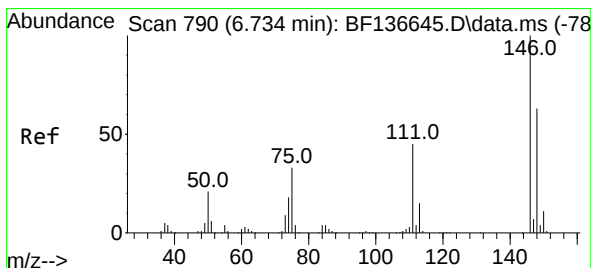
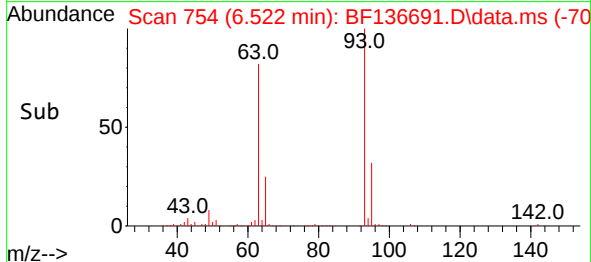
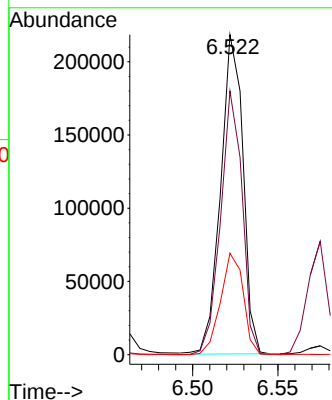
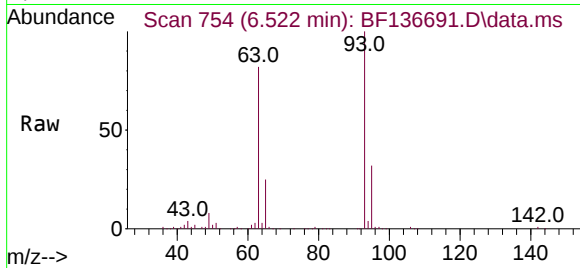




#11
bis(2-Chloroethyl)ether
Concen: 42.586 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

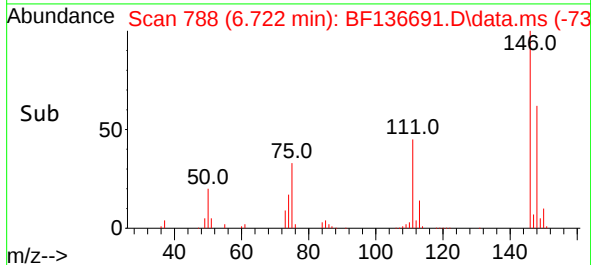
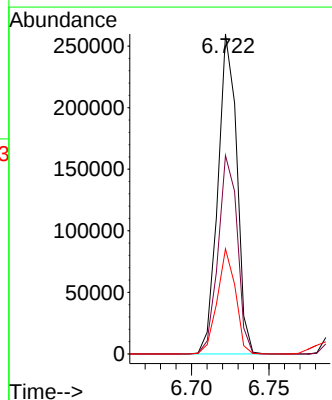
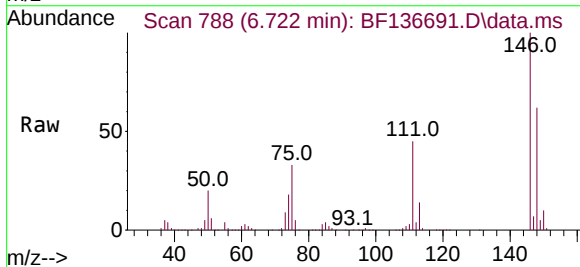
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

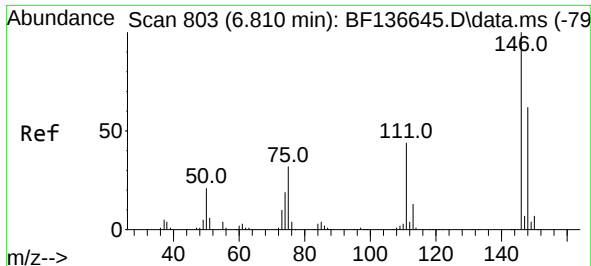
Tgt Ion: 93 Resp: 199212
Ion Ratio Lower Upper
93 100
63 82.4 61.2 101.2
95 31.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.563 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 146 Resp: 220651
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 42.431 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

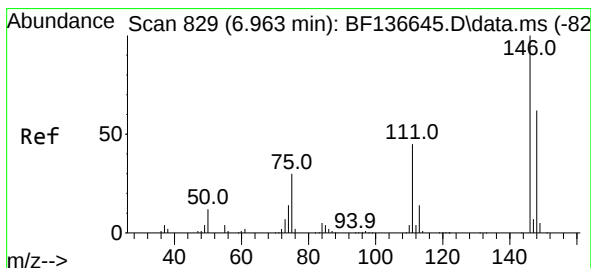
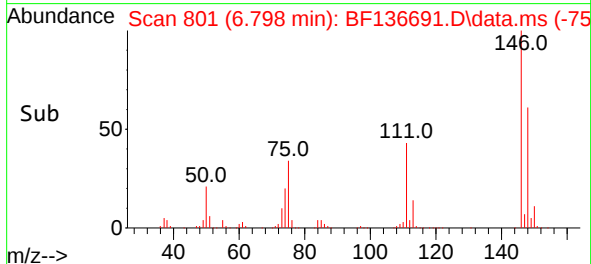
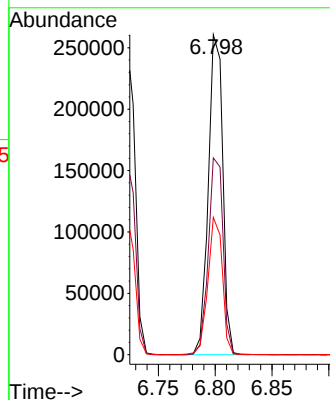
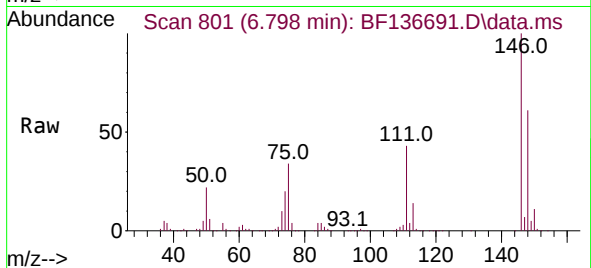
Tgt Ion:146 Resp: 230162

Ion Ratio Lower Upper

146 100

148 61.5 49.2 73.8

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.896 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

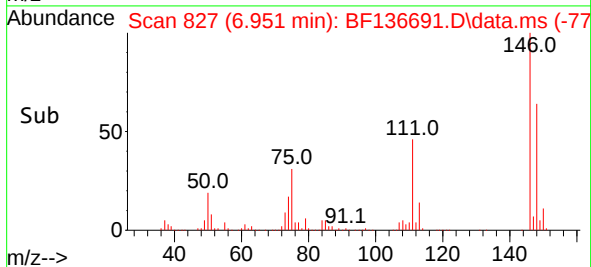
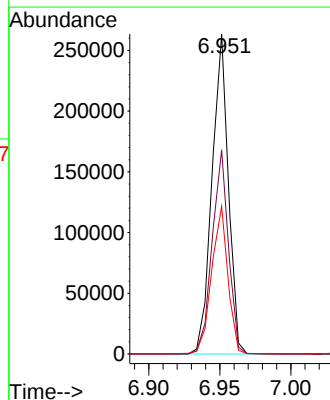
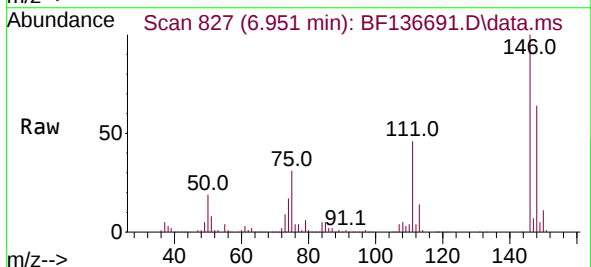
Tgt Ion:146 Resp: 211471

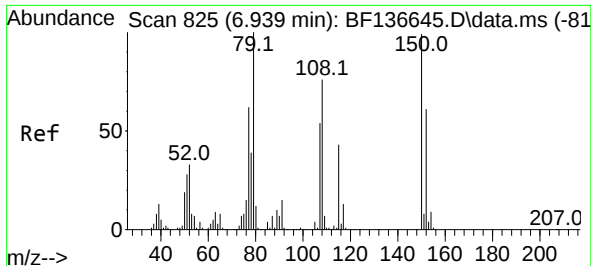
Ion Ratio Lower Upper

146 100

148 63.8 49.6 74.4

111 46.2 36.2 54.2

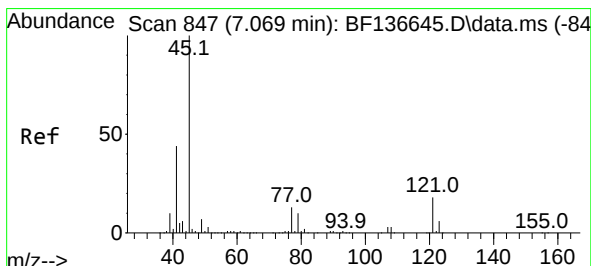
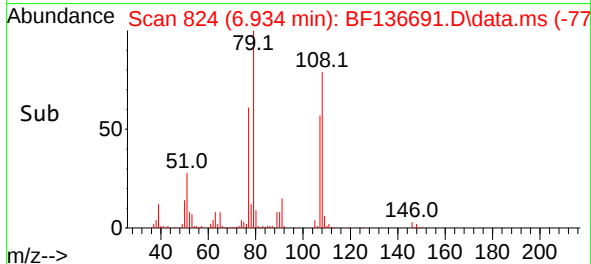
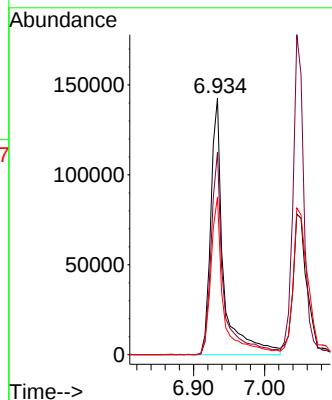
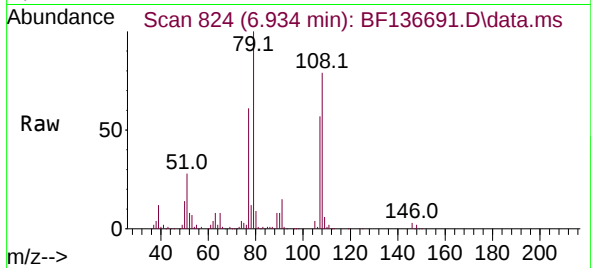




#15
Benzyl Alcohol
Concen: 46.049 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

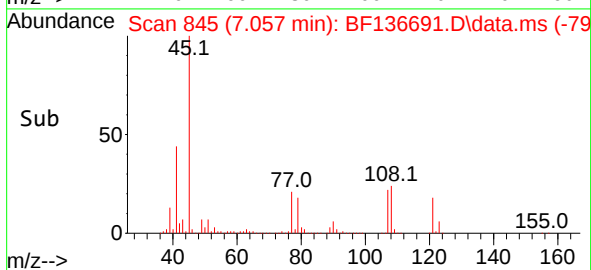
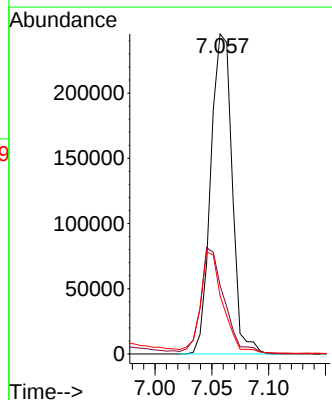
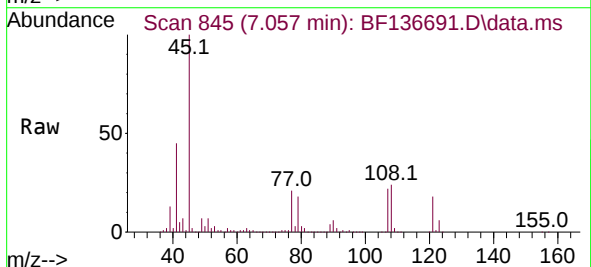
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

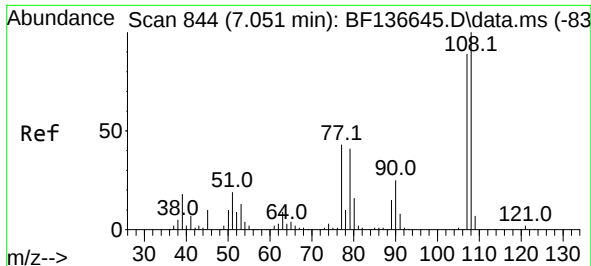
Tgt Ion: 79 Resp: 179011
Ion Ratio Lower Upper
79 100
108 78.9 61.0 91.6
77 61.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.937 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 45 Resp: 320734
Ion Ratio Lower Upper
45 100
77 21.4 0.0 34.3
79 18.2 0.0 31.4

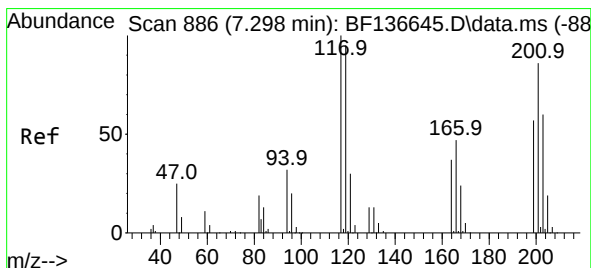
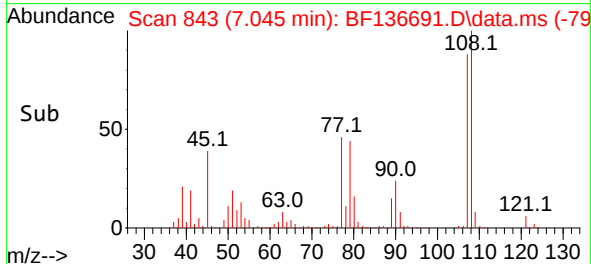
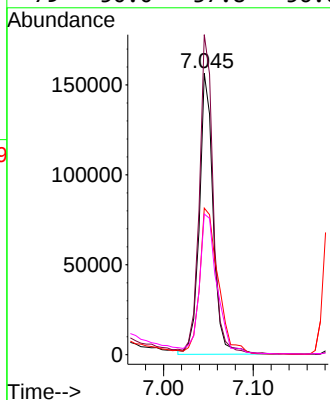
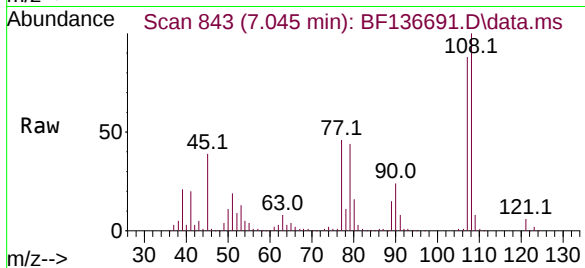




#17
2-Methylphenol
Concen: 41.583 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

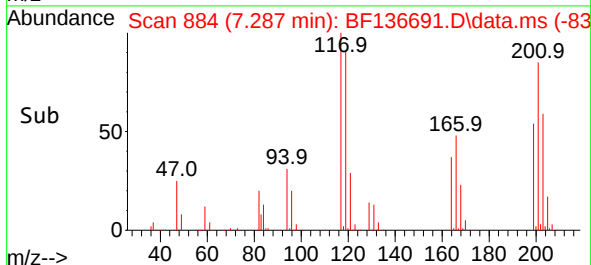
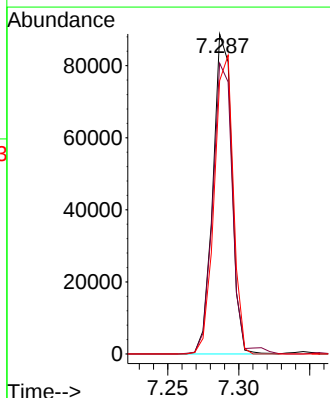
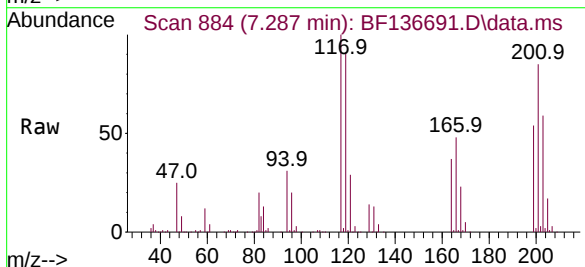
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:	107	Resp:	167642
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.3	135.5
77	52.1	38.7	58.1
79	50.0	37.8	56.6



#18
Hexachloroethane
Concen: 41.542 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:	117	Resp:	81836
Ion	Ratio	Lower	Upper
117	100		
119	90.9	75.8	113.6
201	85.4	69.1	103.7

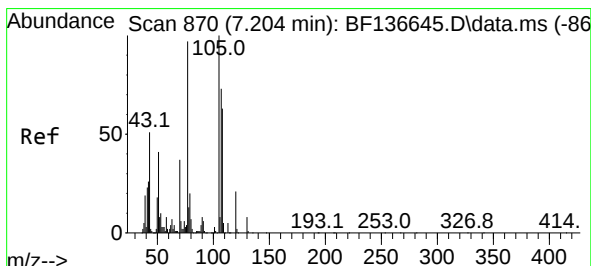
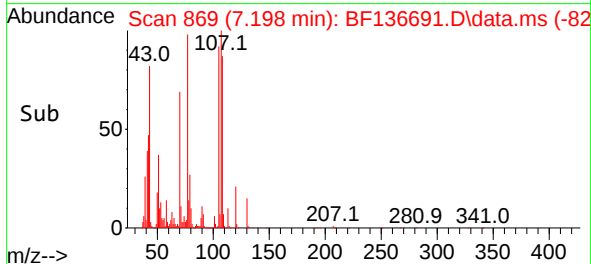
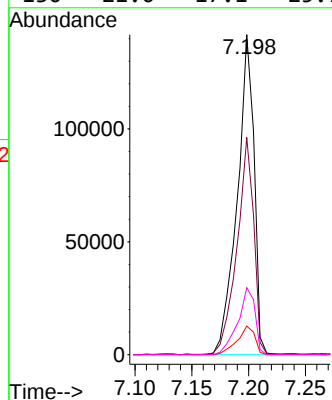
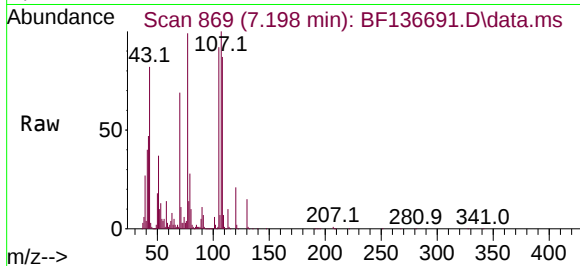




#19
n-Nitroso-di-n-propylamine
Concen: 41.961 ng
RT: 7.198 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

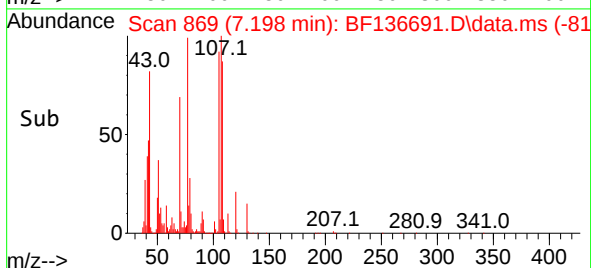
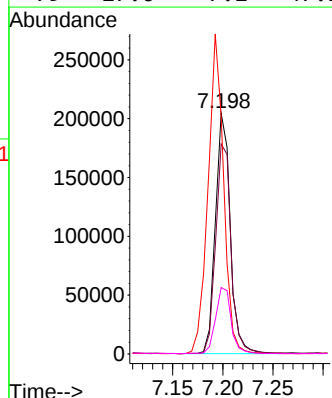
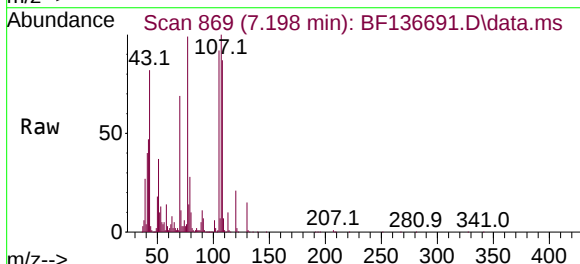
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

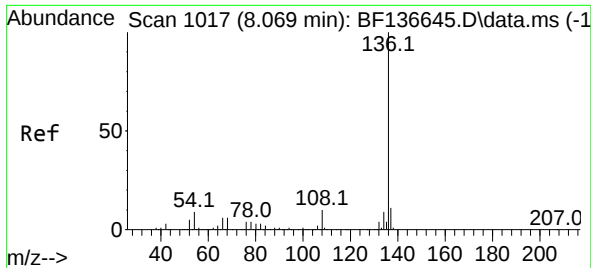
Tgt Ion: 70 Resp: 146570
Ion Ratio Lower Upper
70 100
42 67.9 54.2 81.4
101 8.9 7.6 11.4
130 21.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 41.627 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 107 Resp: 209661
Ion Ratio Lower Upper
107 100
108 87.3 66.0 106.0
77 98.7 114.2 154.2#
79 27.6 7.2 47.2

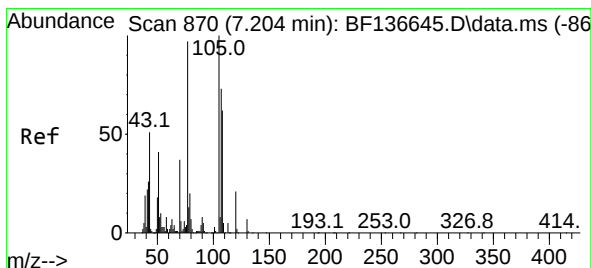
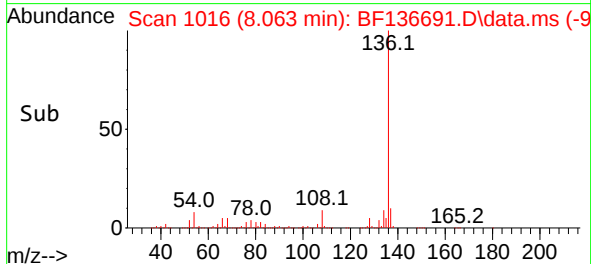
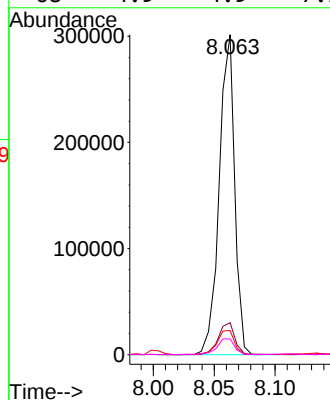
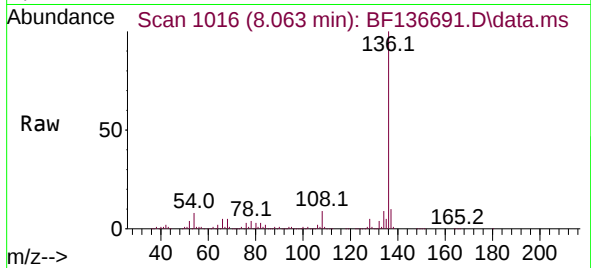




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

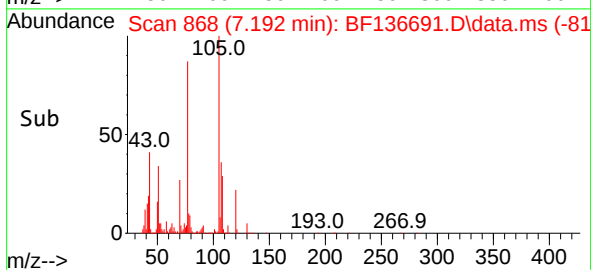
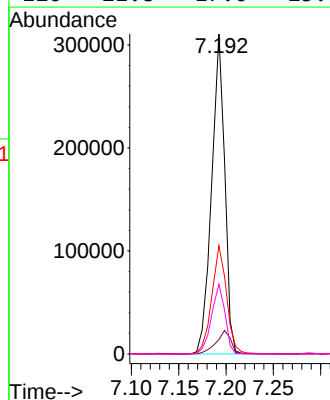
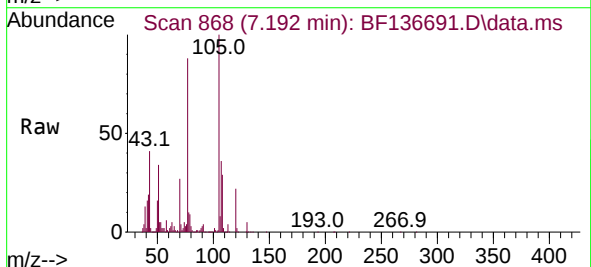
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

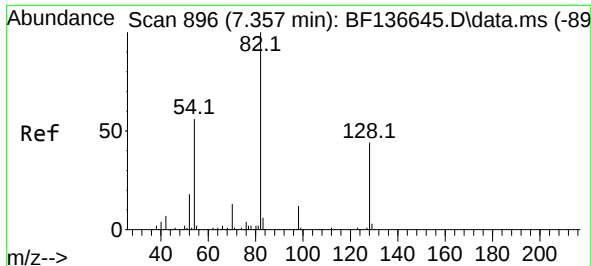
Tgt Ion:136	Resp: 265996
Ion Ratio	Lower Upper
136 100	
137 10.0	9.0 13.4
54 7.5	7.2 10.8
68 4.9	4.9 7.3



#22
Acetophenone
Concen: 44.781 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt	Ion:105	Resp:	298565
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.8	7.2#
51	33.8	32.8	49.2
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 69.490 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

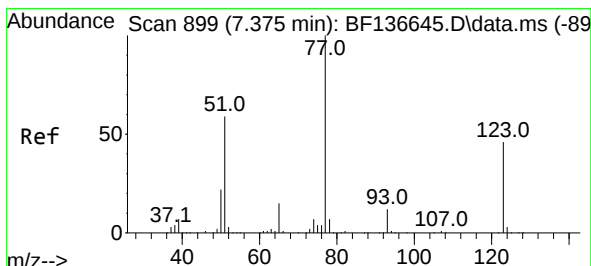
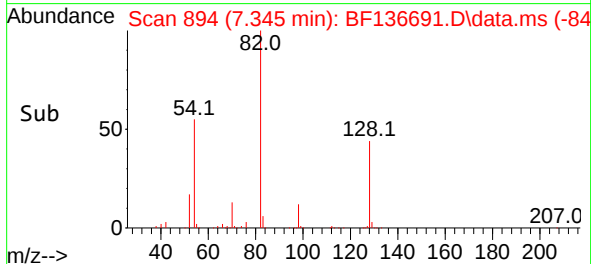
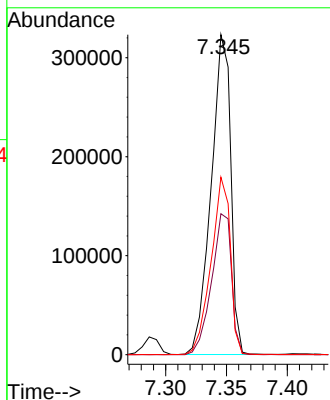
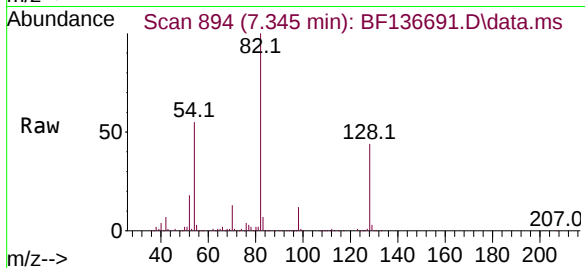
Tgt Ion: 82 Resp: 361221

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 55.5 44.5 66.7



#24

Nitrobenzene

Concen: 41.907 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

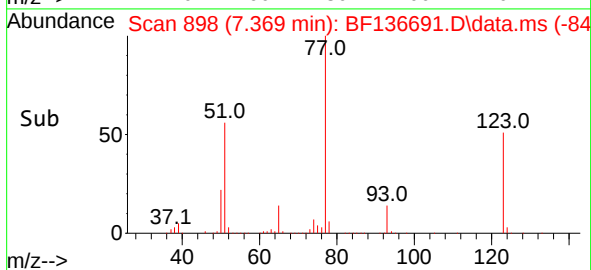
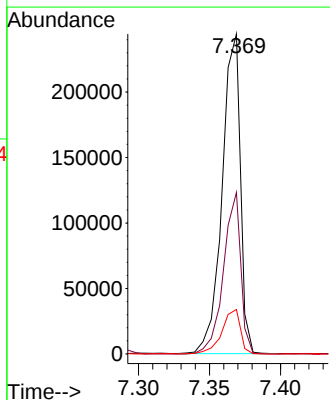
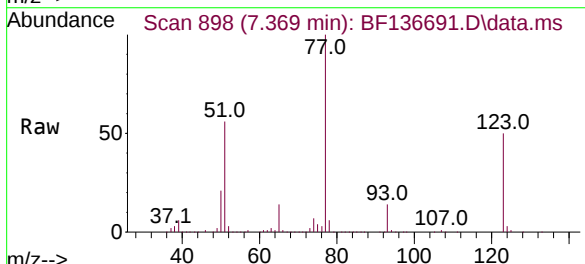
Tgt Ion: 77 Resp: 218218

Ion Ratio Lower Upper

77 100

123 50.5 36.7 55.1

65 13.9 11.8 17.6

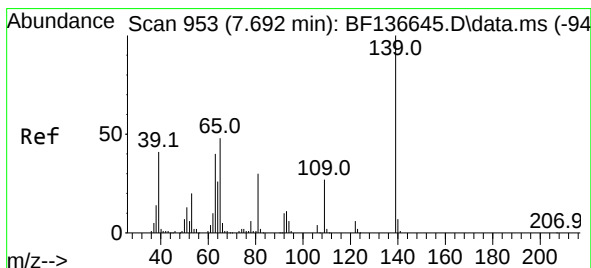
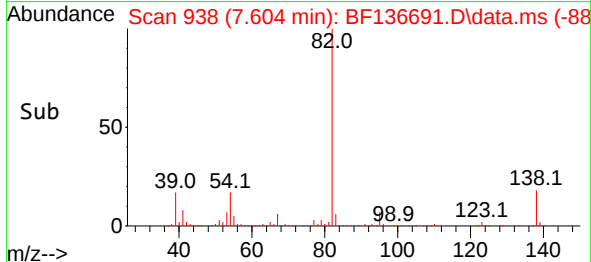
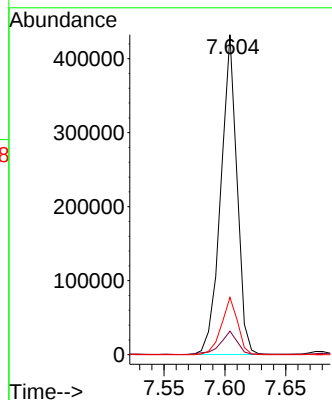
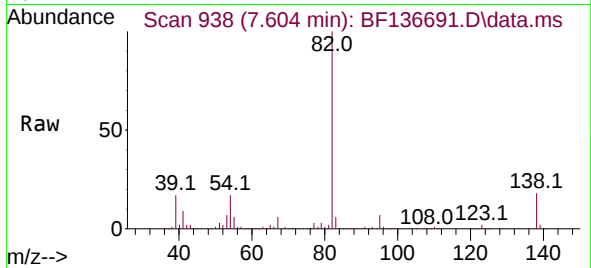




#25
Isophorone
Concen: 42.326 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

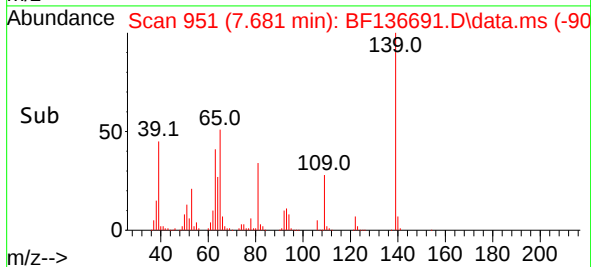
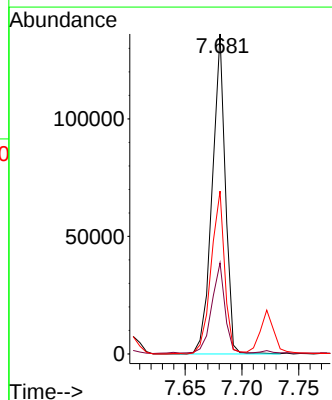
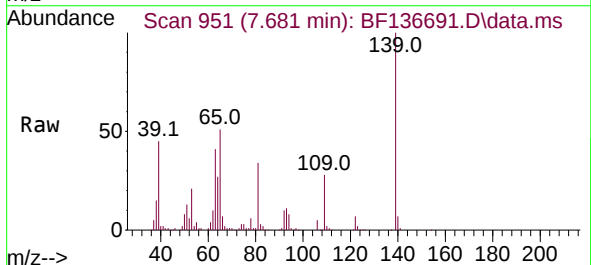
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

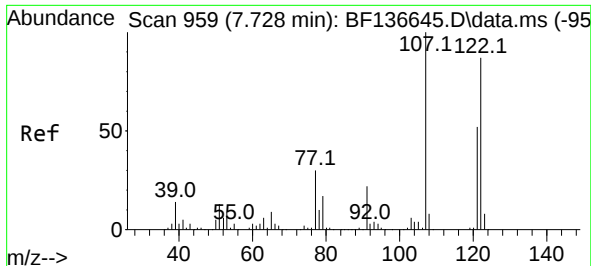
Tgt Ion: 82 Resp: 400343
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 43.991 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 139 Resp: 109596
Ion Ratio Lower Upper
139 100
109 28.5 21.9 32.9
65 50.9 38.6 58.0

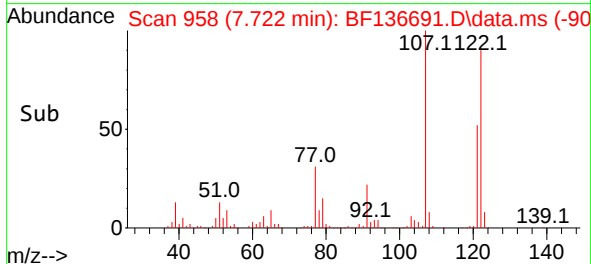
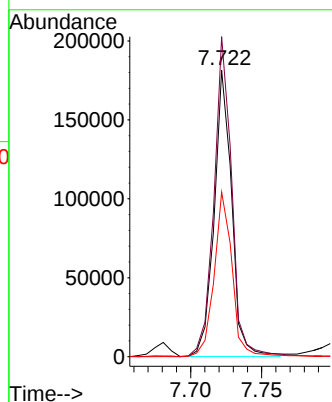
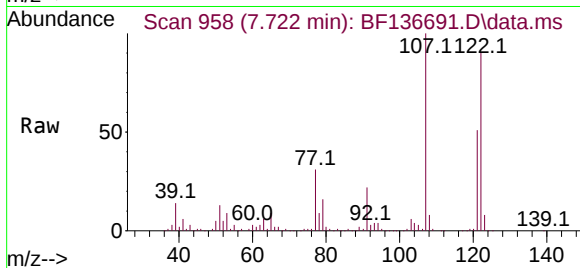




#27
2,4-Dimethylphenol
Concen: 51.260 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

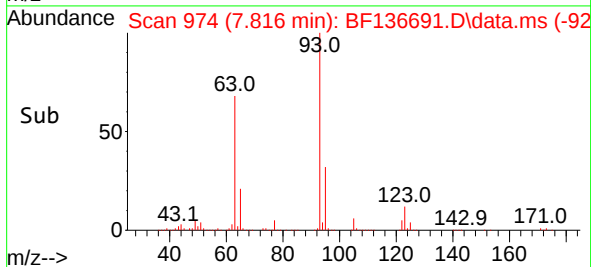
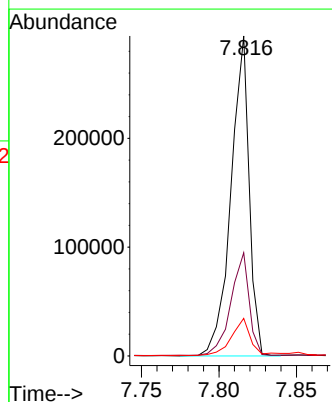
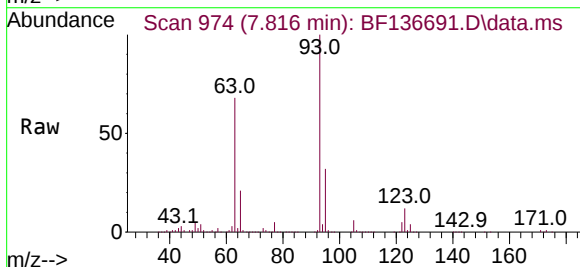
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:122 Resp: 155475
Ion Ratio Lower Upper
122 100
107 111.7 92.0 138.0
121 57.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.849 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion: 93 Resp: 240608
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.485 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

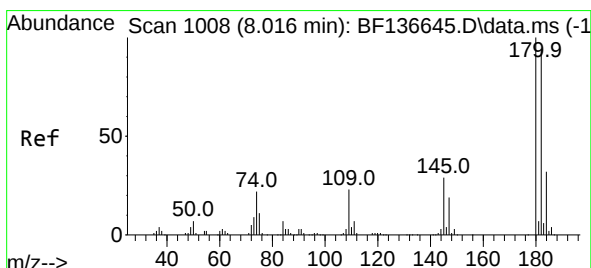
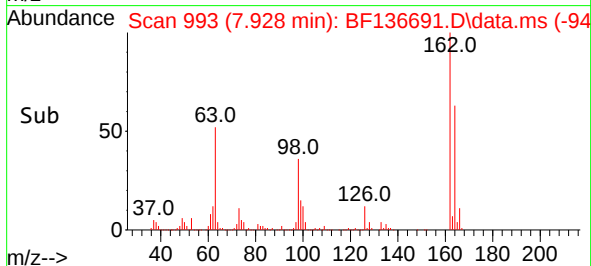
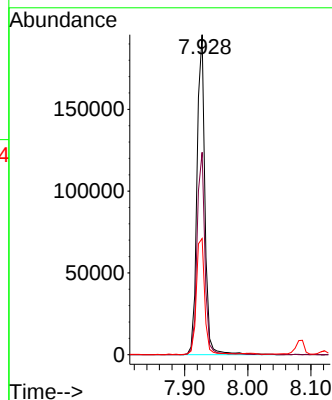
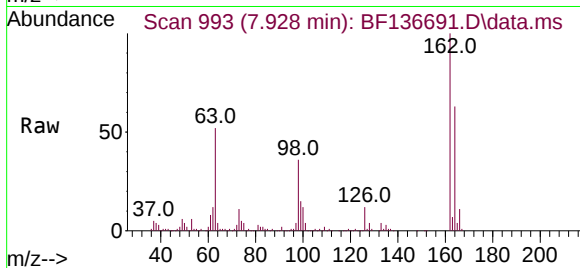
Tgt Ion:162 Resp: 169803

Ion Ratio Lower Upper

162 100

164 63.2 41.7 81.7

98 36.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.734 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

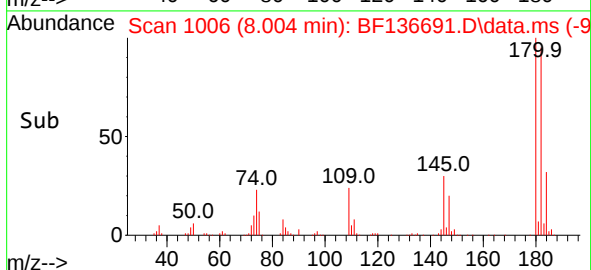
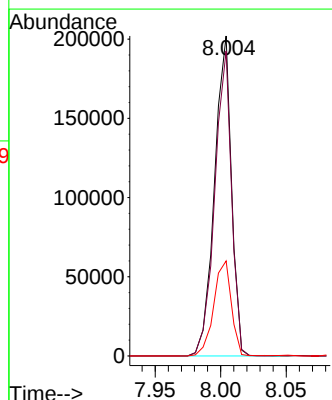
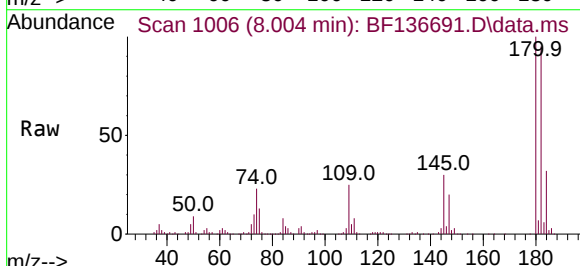
Tgt Ion:180 Resp: 181575

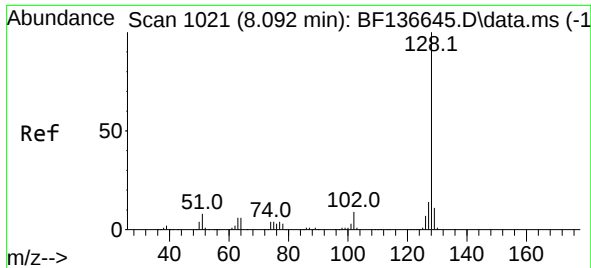
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 29.7 23.1 34.7

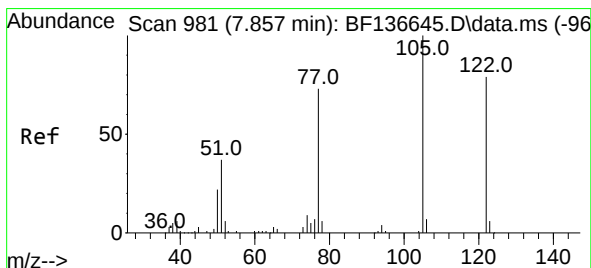
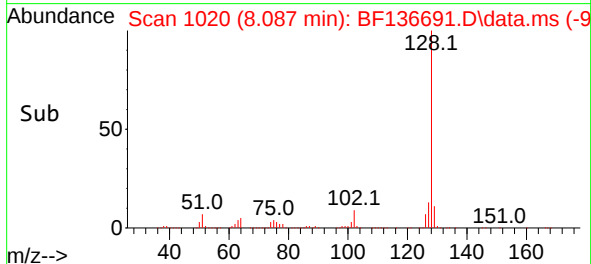
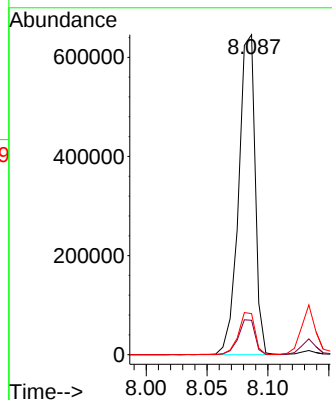
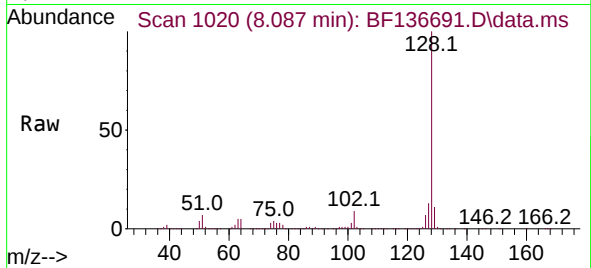




#31
Naphthalene
Concen: 41.577 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

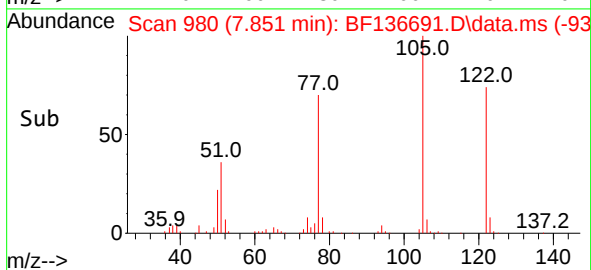
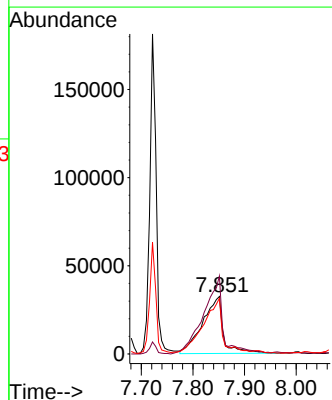
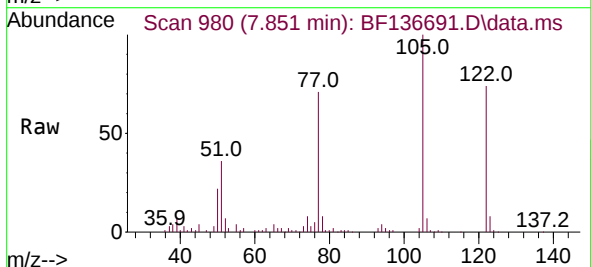
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BNA_F
ClientSampleId :
SOIL-COMP-2MS

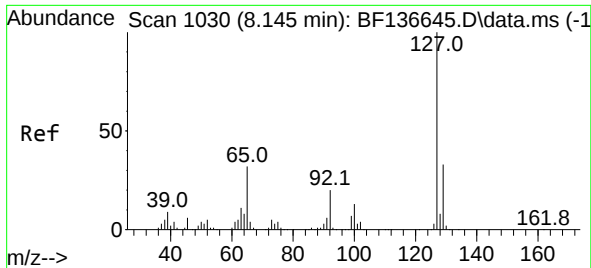
Tgt Ion:128 Resp: 607562
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 30.974 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:122 Resp: 90899
Ion Ratio Lower Upper
122 100
105 135.5 100.8 140.8
77 96.8 70.9 110.9

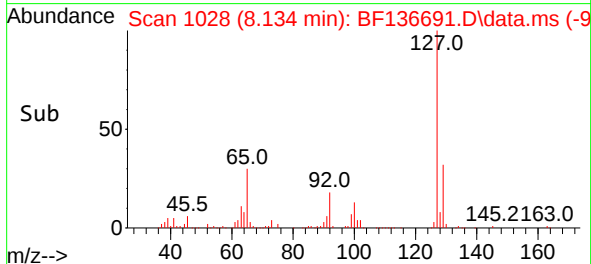
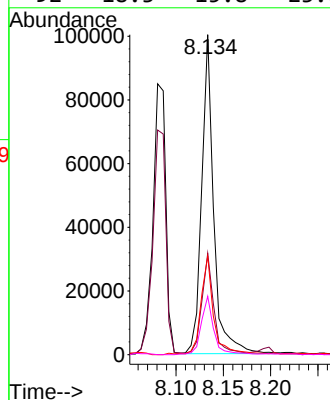
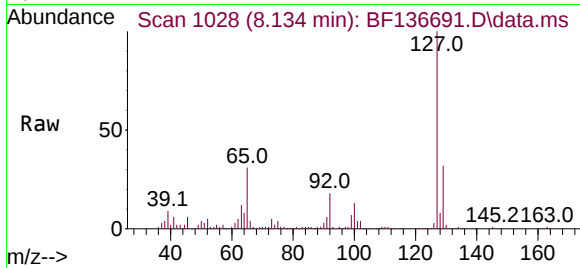




#33
4-Chloroaniline
Concen: 16.371 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

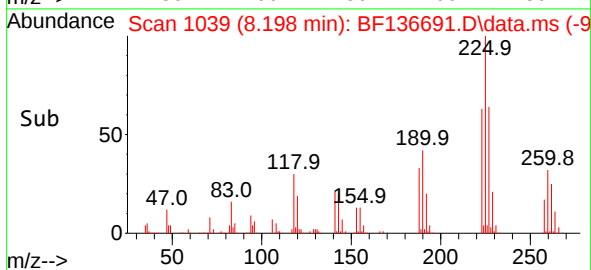
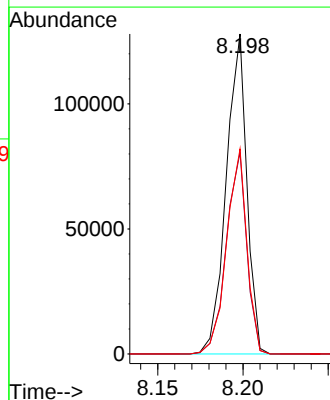
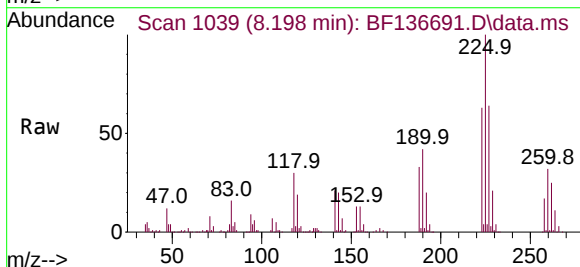
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

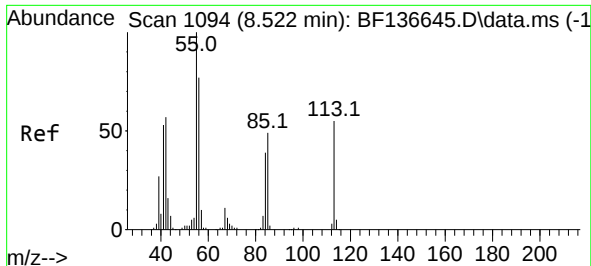
Tgt Ion:	127	Resp:	88331
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	30.8	25.8	38.8
92	18.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.614 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:	225	Resp:	107357
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.1	51.9	77.9

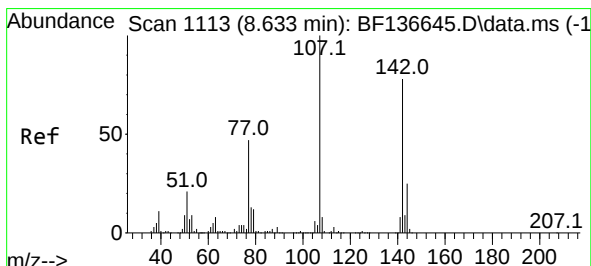
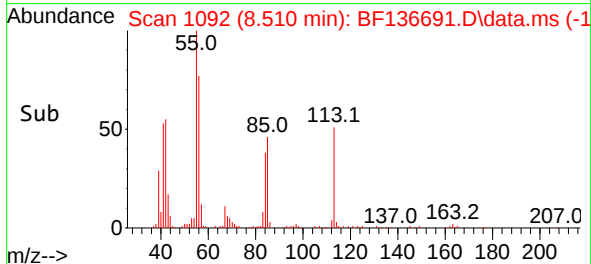
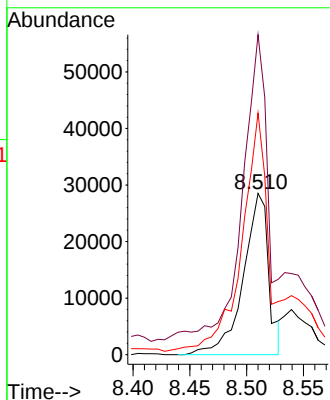
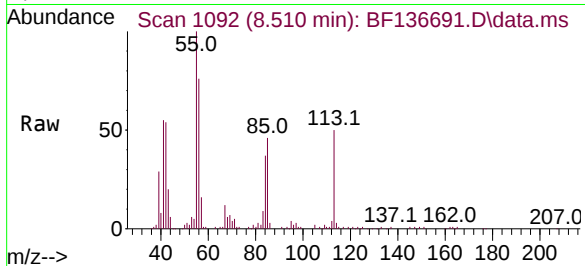




#35
 Caprolactam
 Concen: 34.434 ng
 RT: 8.510 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

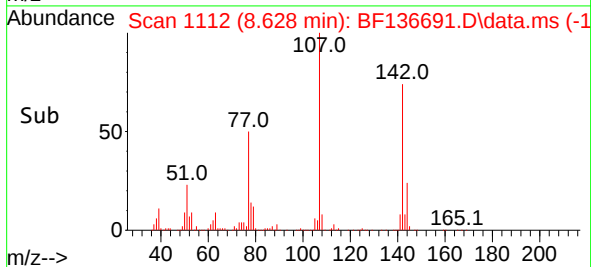
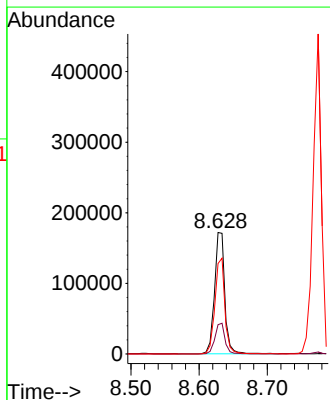
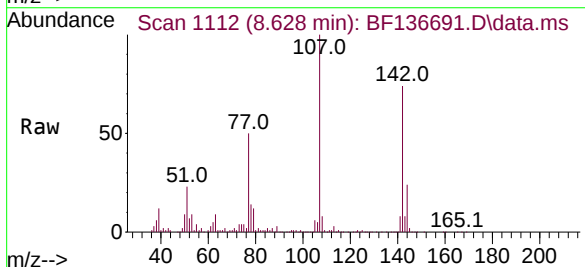
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2MS

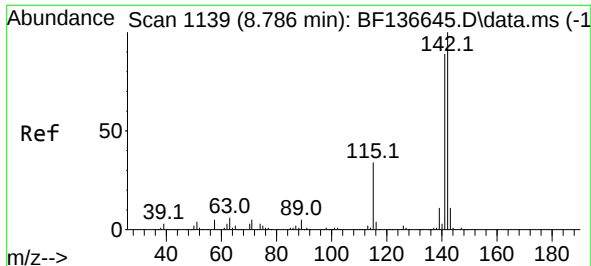
Tgt Ion:113 Resp: 44357
 Ion Ratio Lower Upper
 113 100
 55 198.5 163.1 203.1
 56 149.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.188 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136691.D
 Acq: 22 Dec 2023 18:09

Tgt Ion:107 Resp: 181060
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.2 30.2
 142 74.4 62.3 93.5

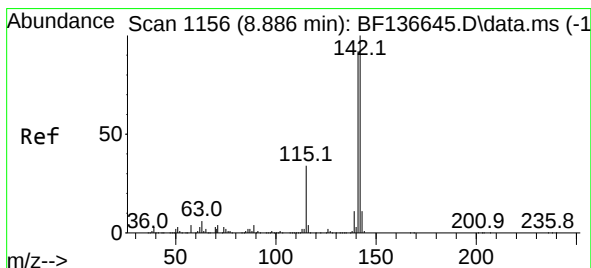
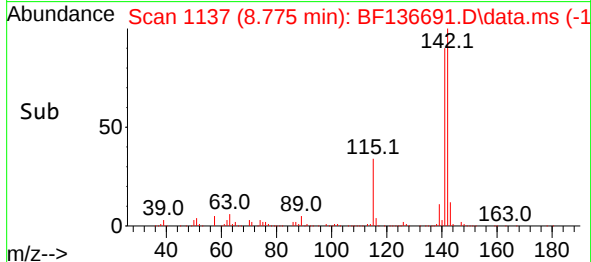
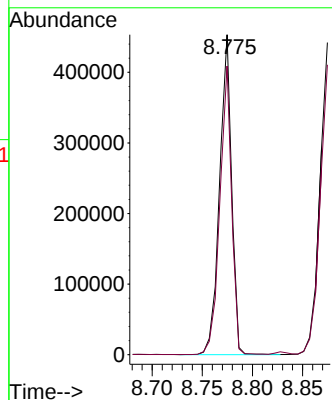
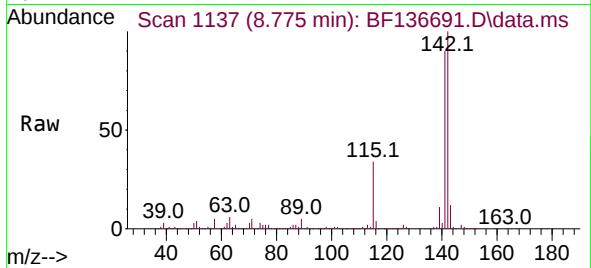




#37
2-Methylnaphthalene
Concen: 40.198 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

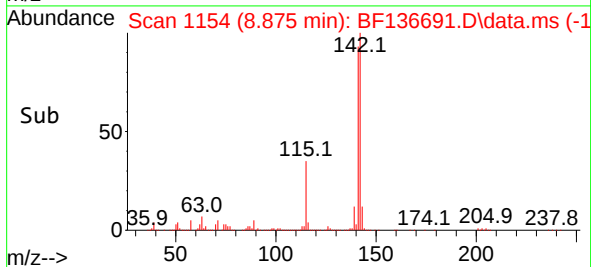
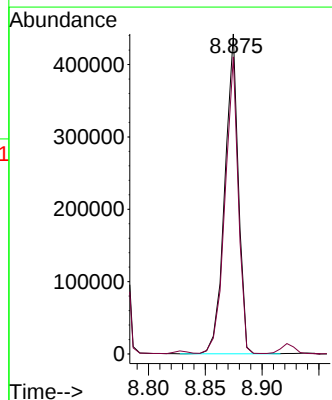
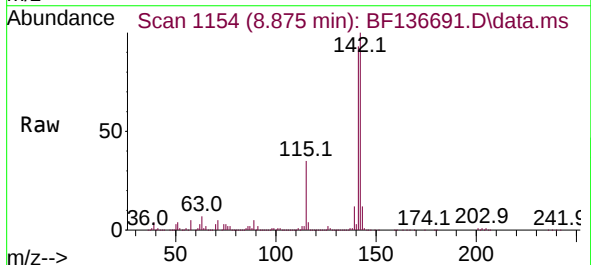
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

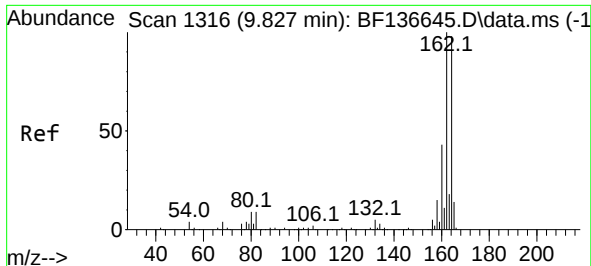
Tgt Ion:142 Resp: 378041
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7



#38
1-Methylnaphthalene
Concen: 39.816 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:142 Resp: 367371
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

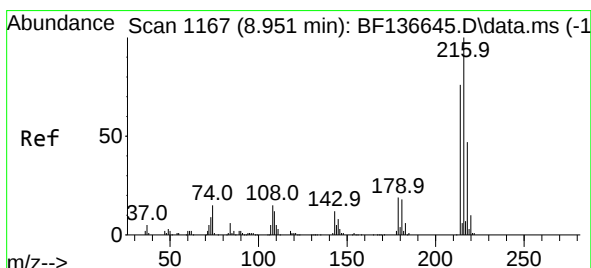
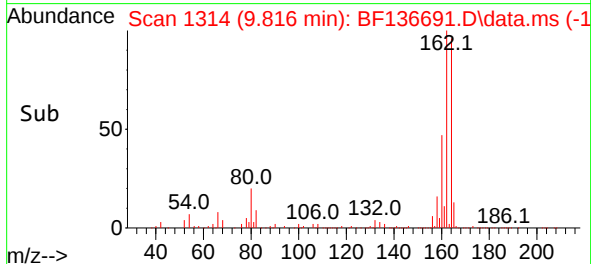
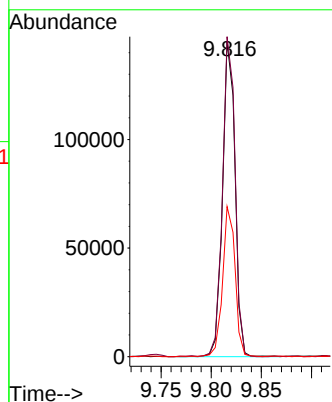
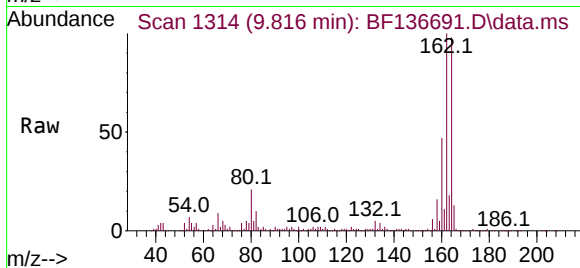
Tgt Ion:164 Resp: 125211

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 47.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.737 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Tgt Ion:216 Resp: 185112

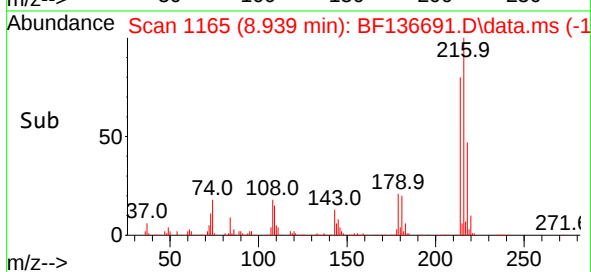
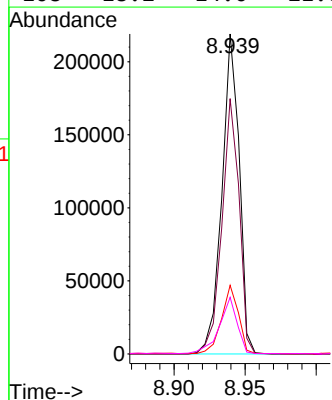
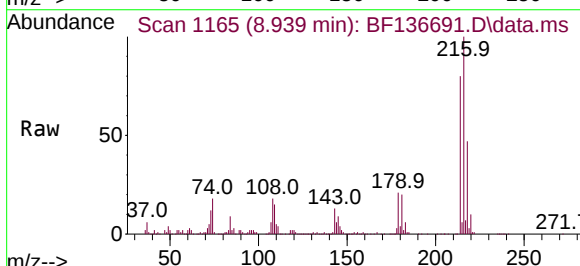
Ion Ratio Lower Upper

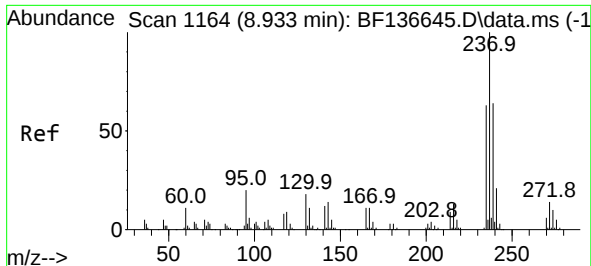
216 100

214 79.4 62.3 93.5

179 21.0 16.4 24.6

108 18.2 14.0 21.0

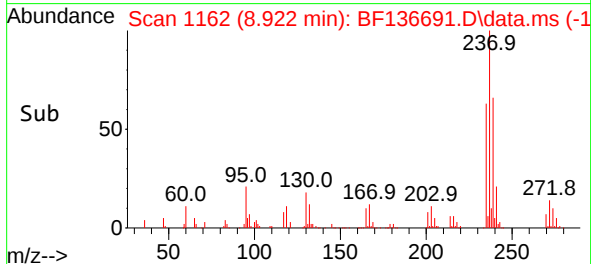
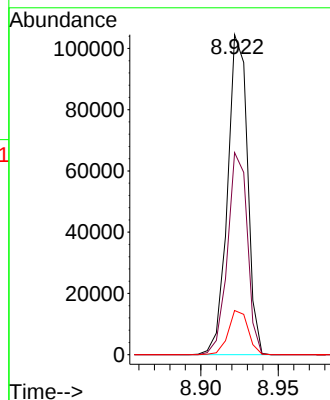
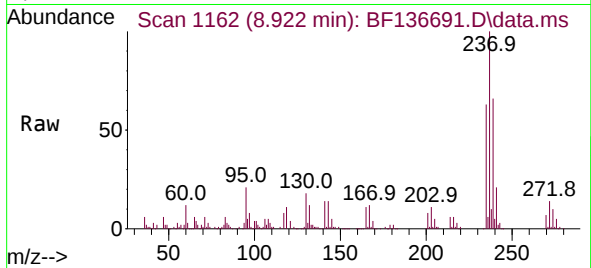




#41
Hexachlorocyclopentadiene
Concen: 75.967 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

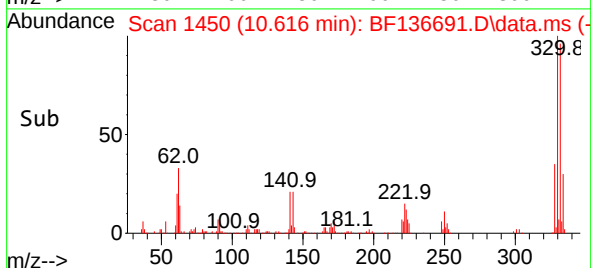
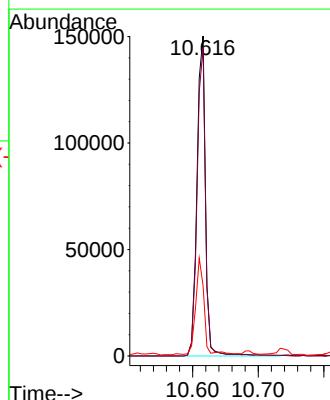
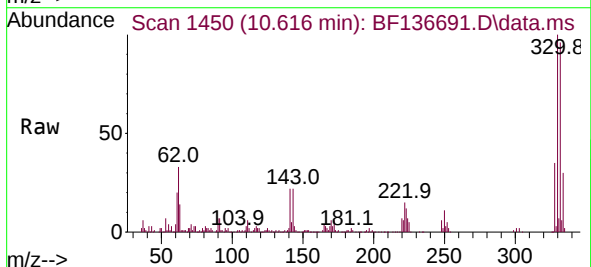
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:237 Resp: 93599
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 91.964 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:330 Resp: 135614
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.7 23.4 35.2

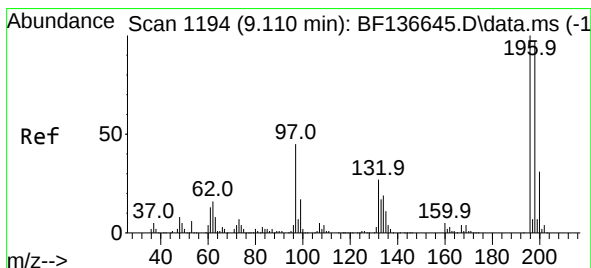
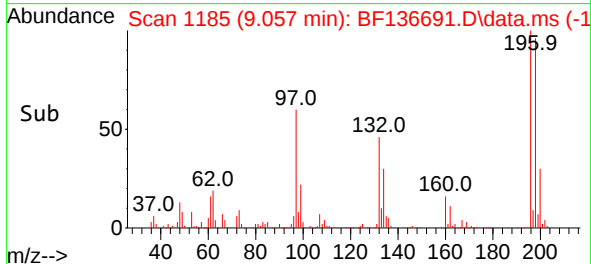
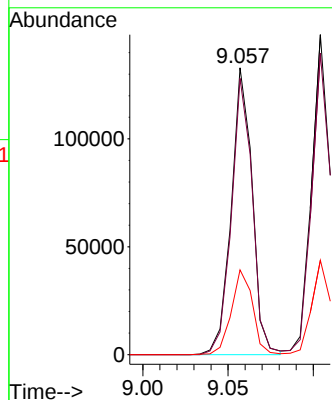
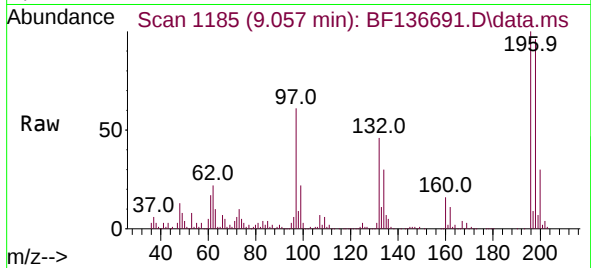




#43
2,4,6-Trichlorophenol
Concen: 45.604 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

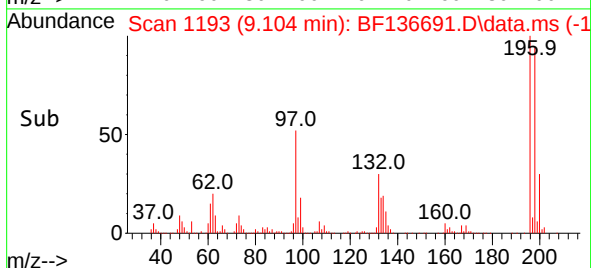
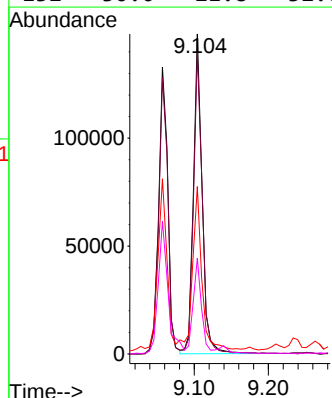
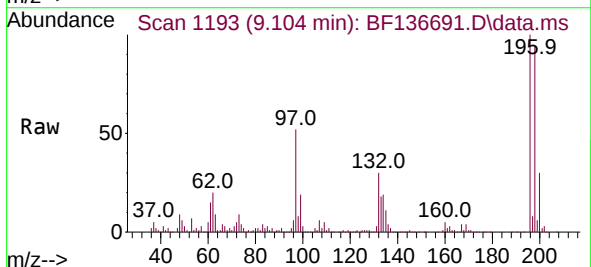
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BNA_F
ClientSampleId :
SOIL-COMP-2MS

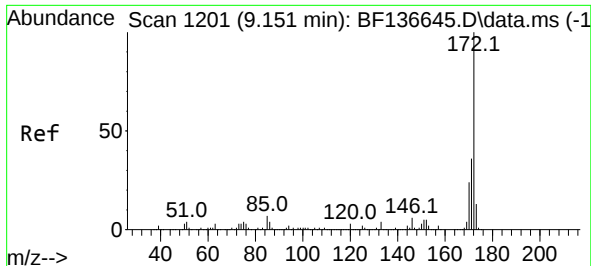
Tgt Ion:196 Resp: 113410
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 29.6 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 43.864 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:196 Resp: 121557
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 52.3 36.1 54.1
132 30.0 21.8 32.6

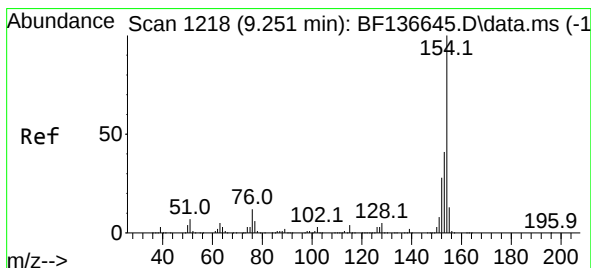
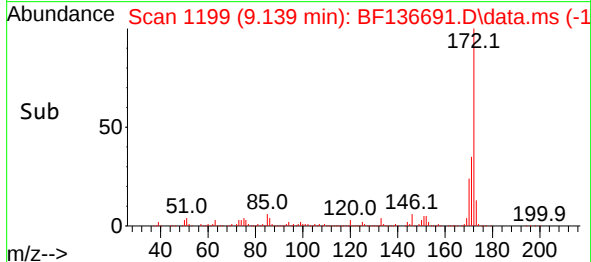
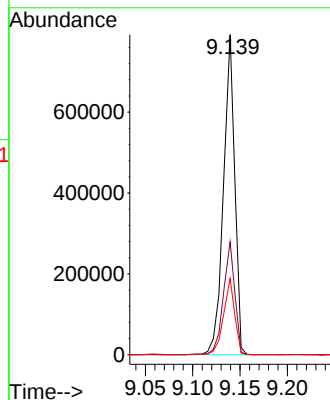
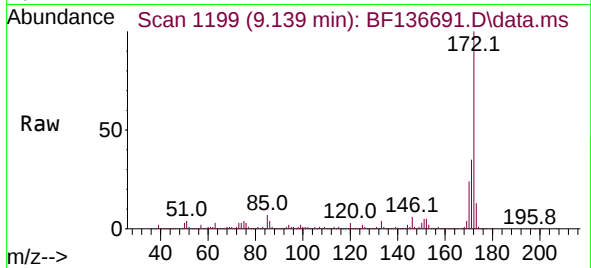




#45
2-Fluorobiphenyl
Concen: 70.831 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

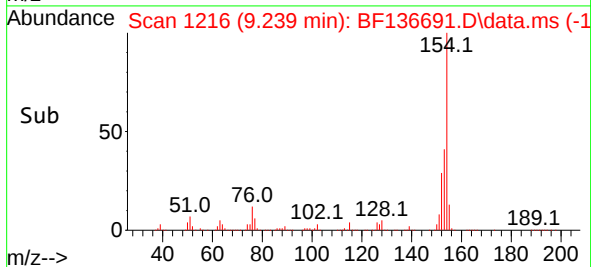
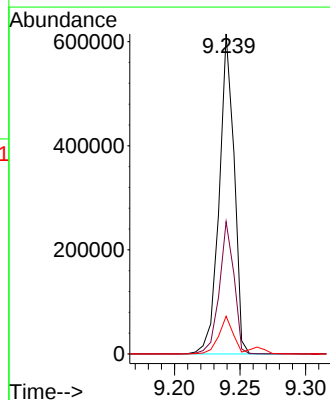
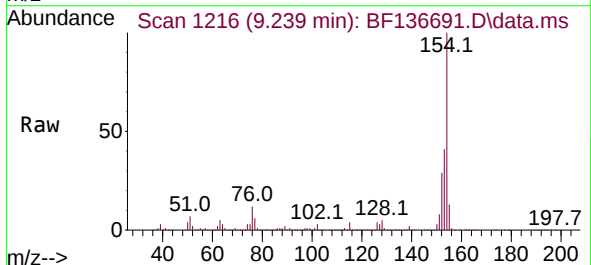
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BNA_F
ClientSampleId :
SOIL-COMP-2MS

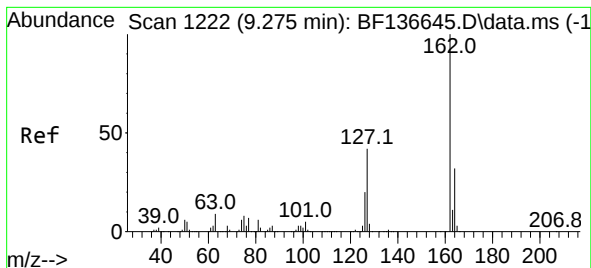
Tgt Ion:172 Resp: 659401
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.108 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:154 Resp: 484465
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 43.820 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

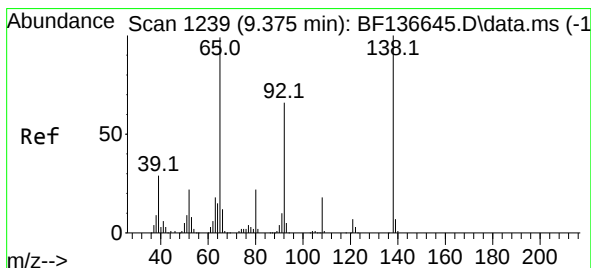
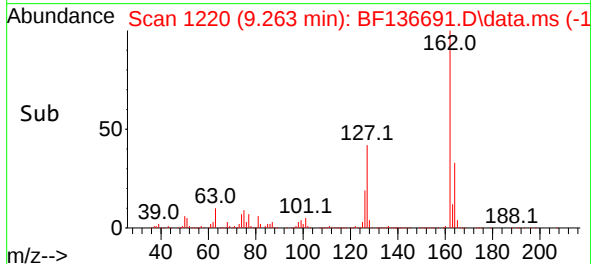
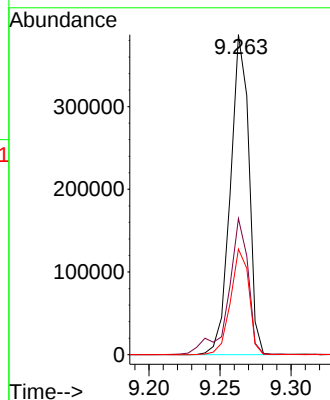
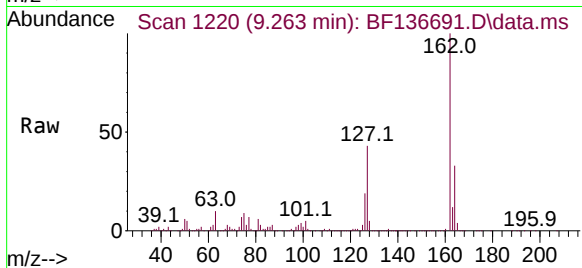
Tgt Ion:162 Resp: 350017

Ion Ratio Lower Upper

162 100

127 42.5 33.6 50.4

164 33.0 25.7 38.5



#48

2-Nitroaniline

Concen: 45.813 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

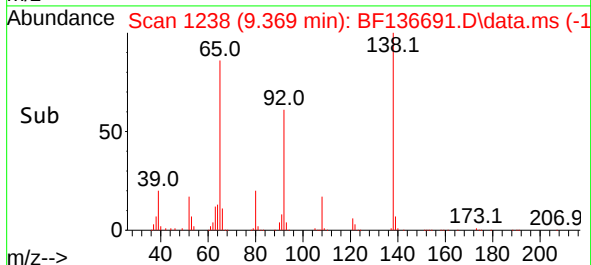
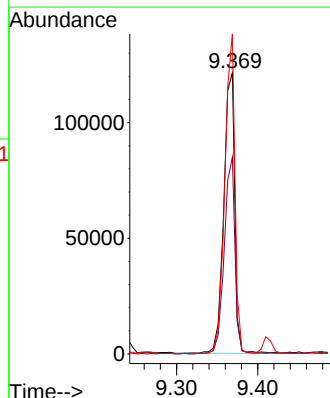
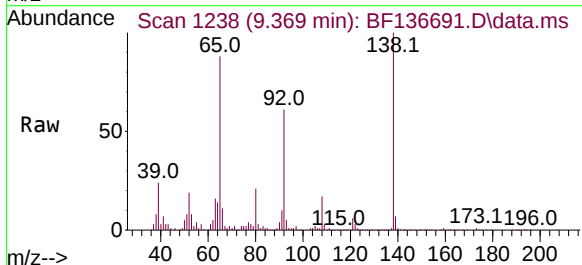
Tgt Ion: 65 Resp: 114594

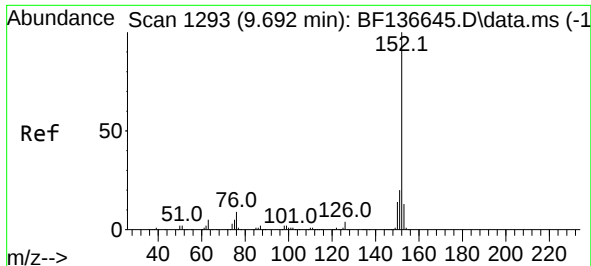
Ion Ratio Lower Upper

65 100

92 69.9 53.2 79.8

138 113.9 81.1 121.7

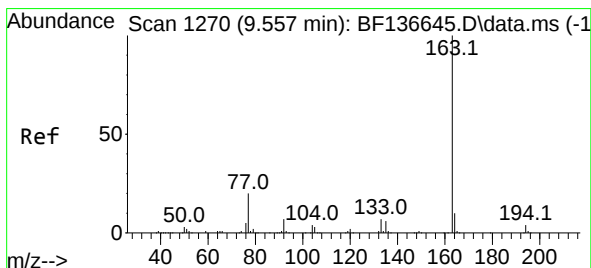
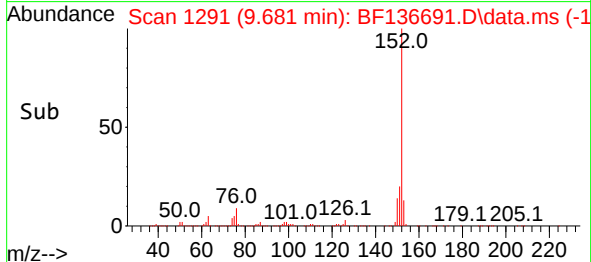
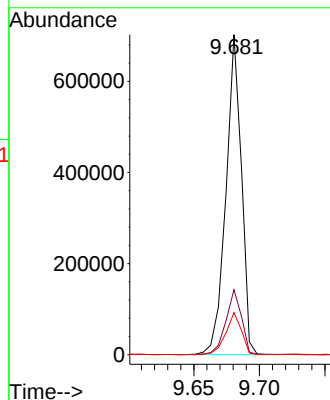
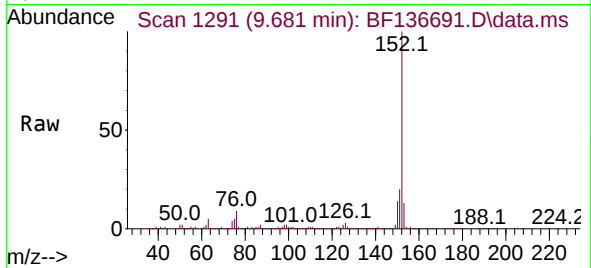




#49
Acenaphthylene
Concen: 47.012 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

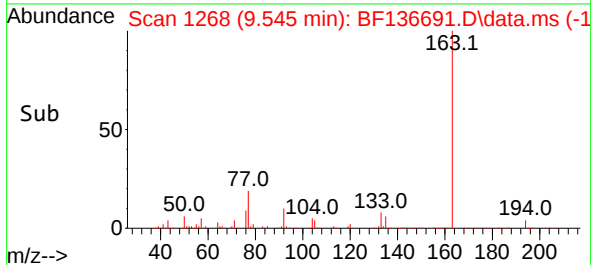
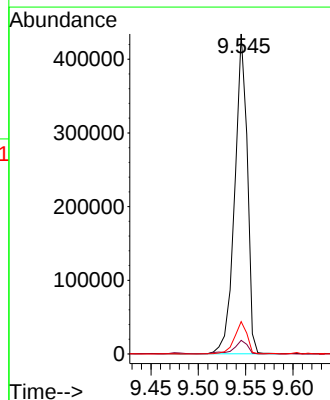
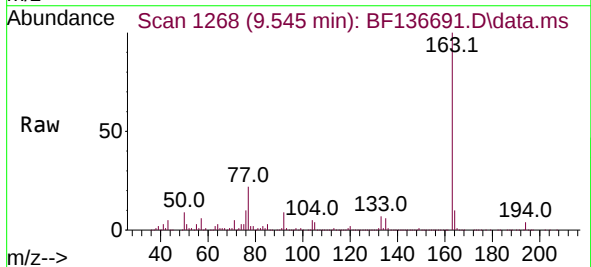
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

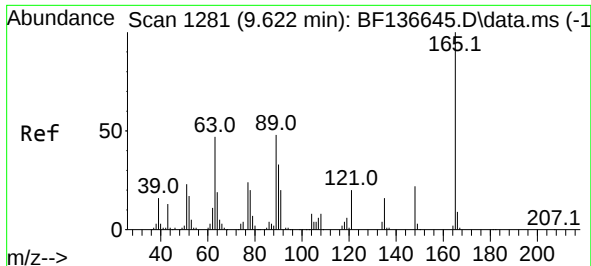
Tgt Ion:152 Resp: 573977
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.2 15.2



#50
Dimethylphthalate
Concen: 43.654 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:163 Resp: 399249
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 7.8 11.6

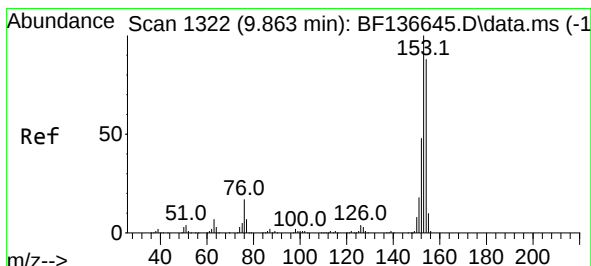
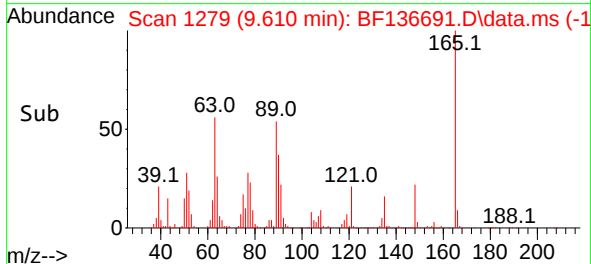
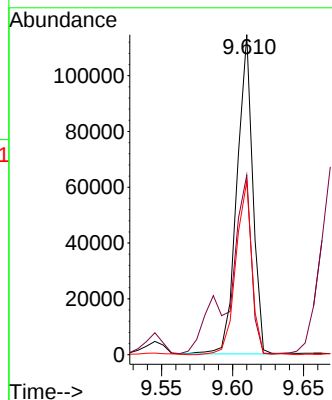
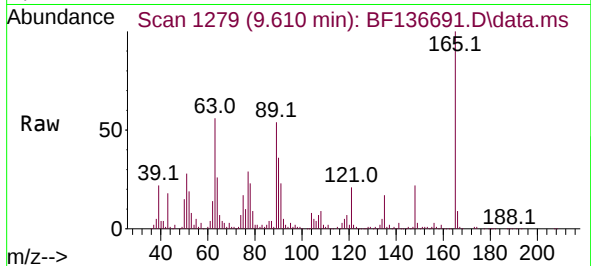




#51
2,6-Dinitrotoluene
Concen: 42.828 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

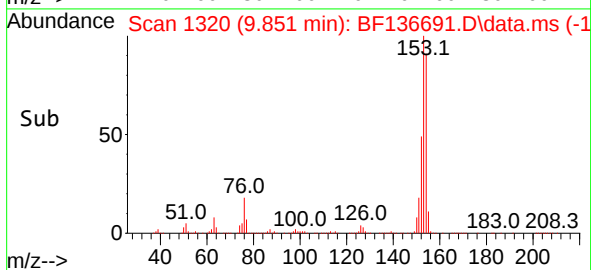
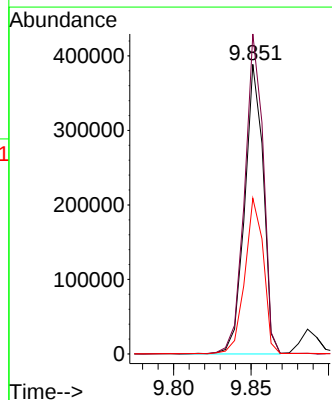
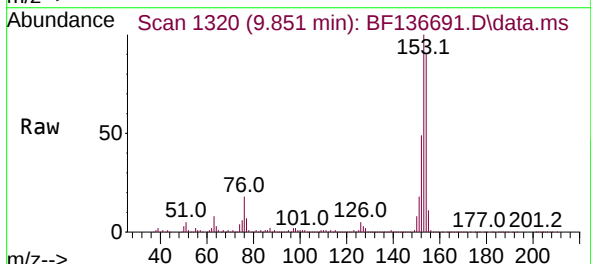
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

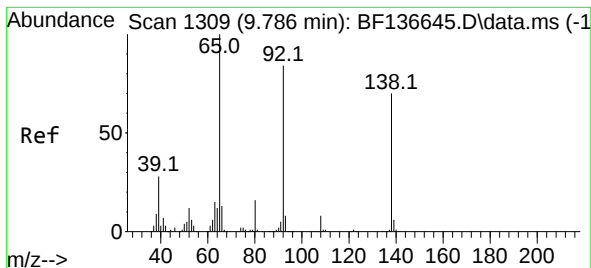
Tgt Ion:165 Resp: 88896
Ion Ratio Lower Upper
165 100
63 56.1 39.8 59.6
89 54.2 38.8 58.2



#52
Acenaphthene
Concen: 42.864 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:154 Resp: 324401
Ion Ratio Lower Upper
154 100
153 110.5 90.7 136.1
152 53.7 43.7 65.5





#53

3-Nitroaniline

Concen: 31.171 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

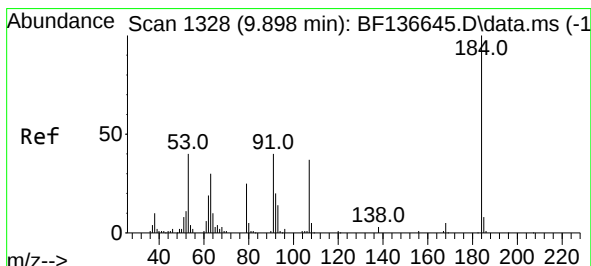
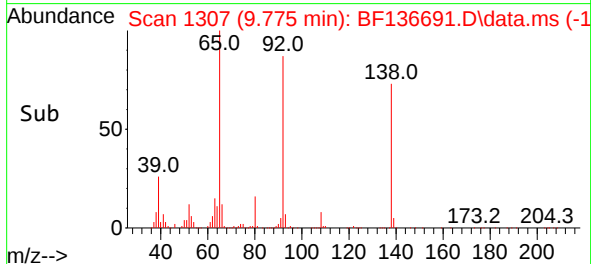
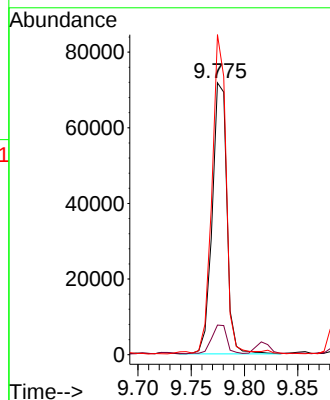
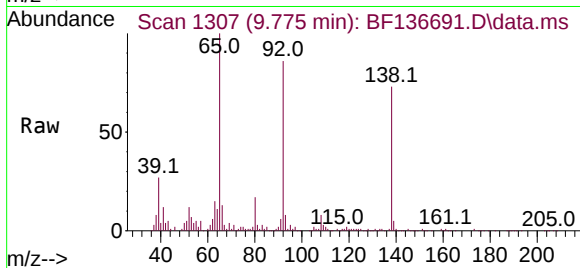
Tgt Ion:138 Resp: 68538

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

92 117.7 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 42.685 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

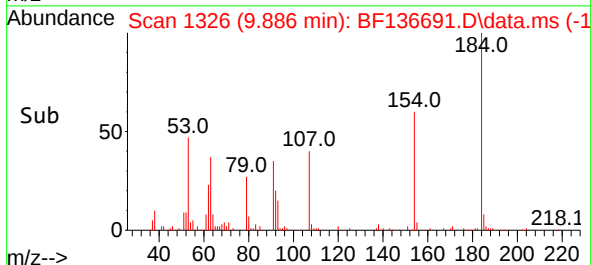
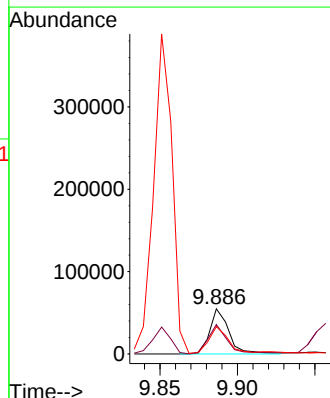
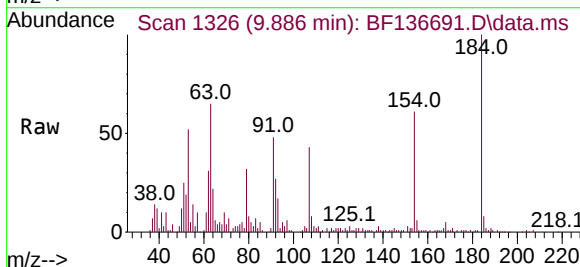
Tgt Ion:184 Resp: 47001

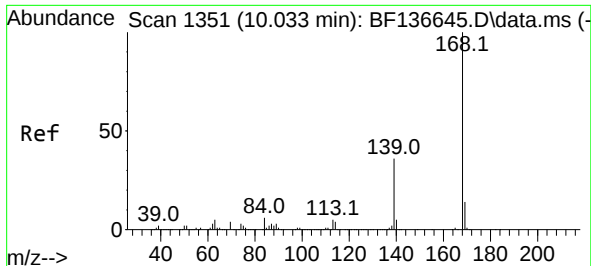
Ion Ratio Lower Upper

184 100

63 65.4 40.9 61.3#

154 60.9 42.7 64.1

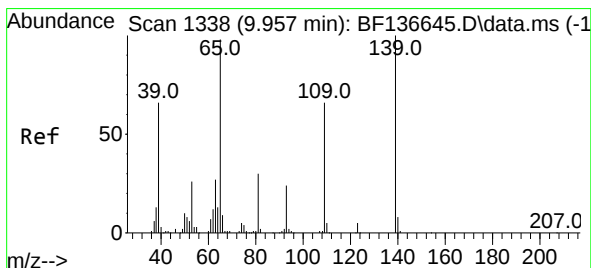
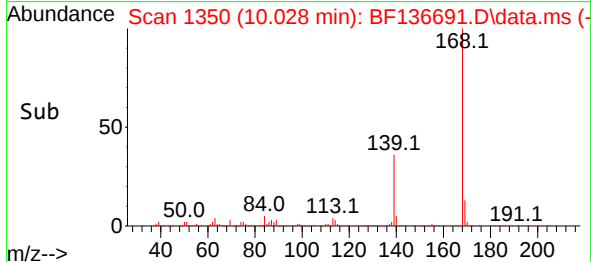
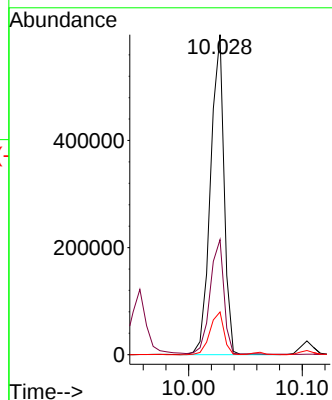
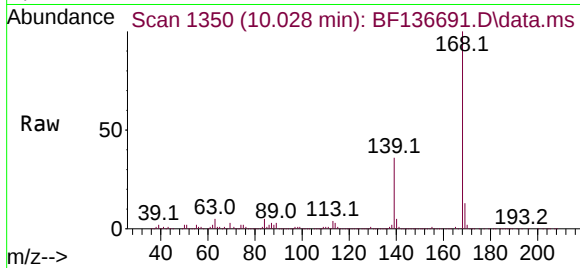




#55
Dibenzenofuran
Concen: 42.844 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

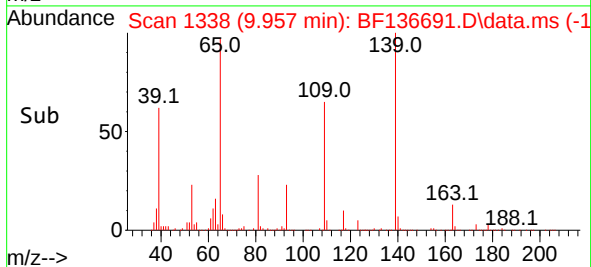
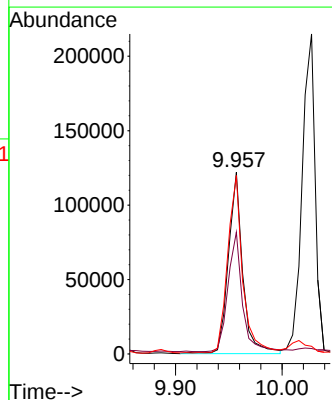
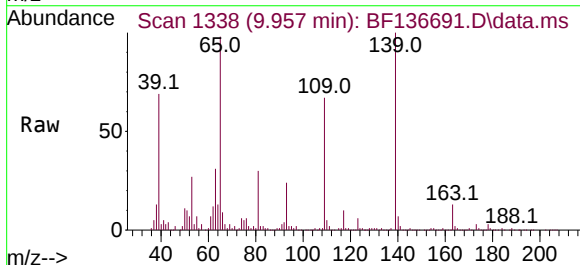
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

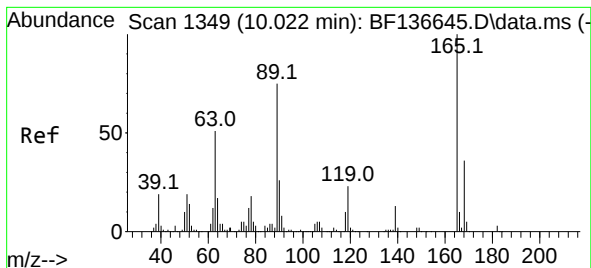
Tgt Ion:168 Resp: 491515
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 77.099 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:139 Resp: 114437
Ion Ratio Lower Upper
139 100
109 67.0 45.8 85.8
65 98.2 77.8 117.8

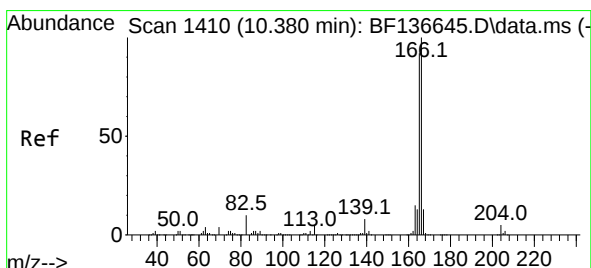
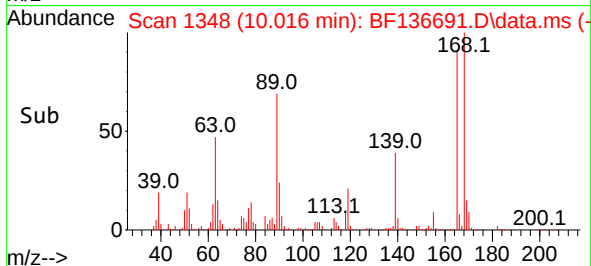
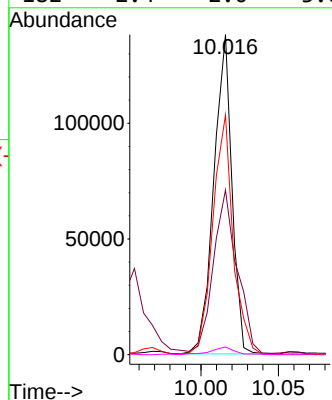
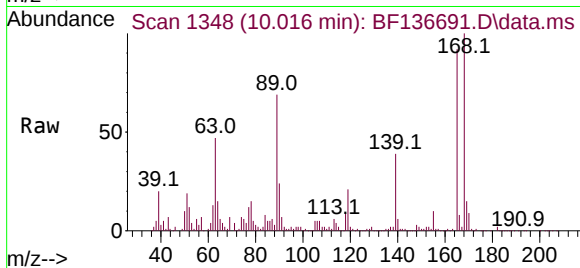




#57
2,4-Dinitrotoluene
Concen: 41.590 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

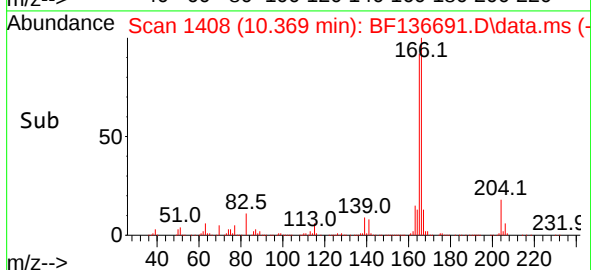
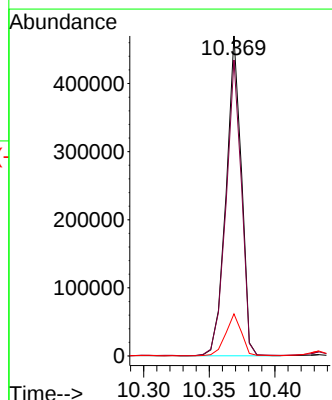
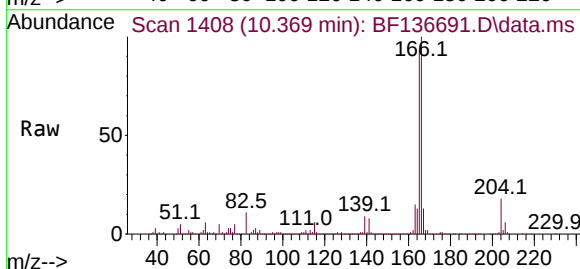
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:165 Resp: 112066
Ion Ratio Lower Upper
165 100
63 51.4 41.0 61.6
89 74.9 59.9 89.9
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.602 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:166 Resp: 378697
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.2 10.4 15.6

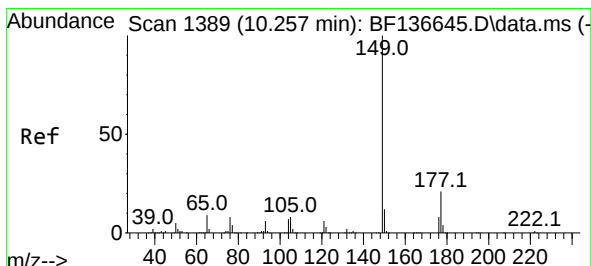
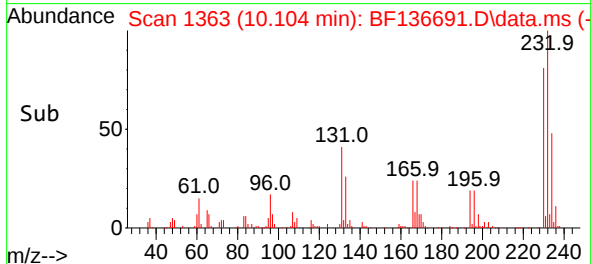
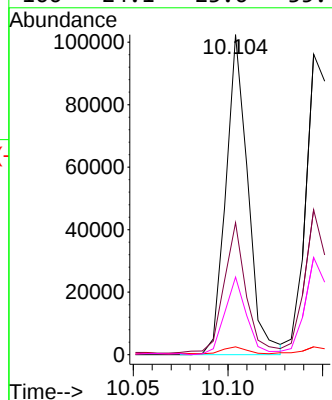
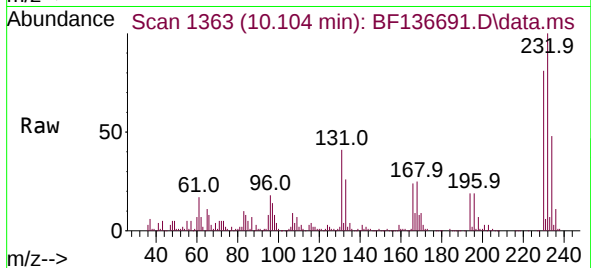




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.759 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.053 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

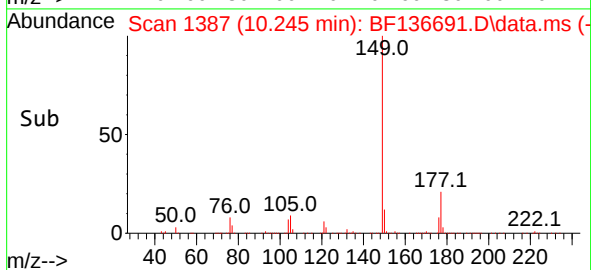
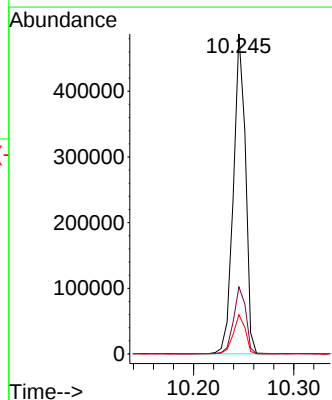
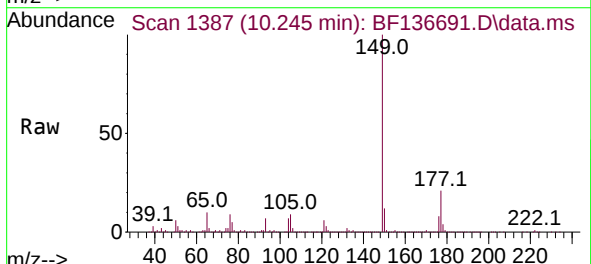
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

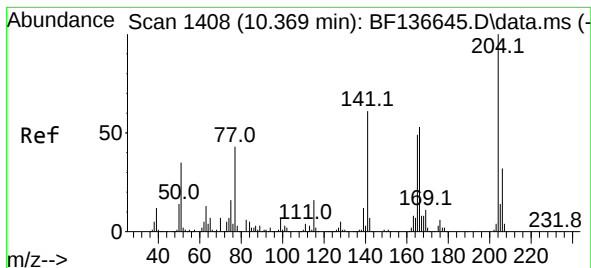
Tgt Ion:232 Resp: 82683
Ion Ratio Lower Upper
232 100
131 40.8 35.1 52.7
130 2.3 1.6 2.4
166 24.1 23.6 35.4



#60
Diethylphthalate
Concen: 42.885 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:149 Resp: 406942
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 9.3 13.9

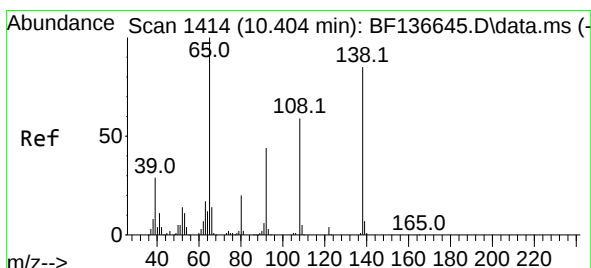
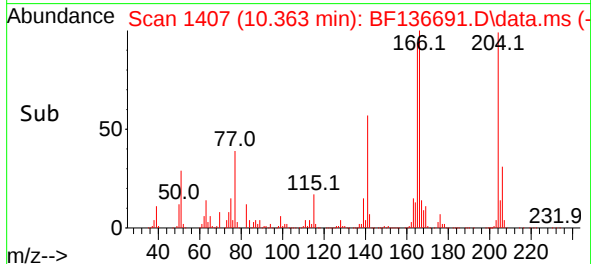
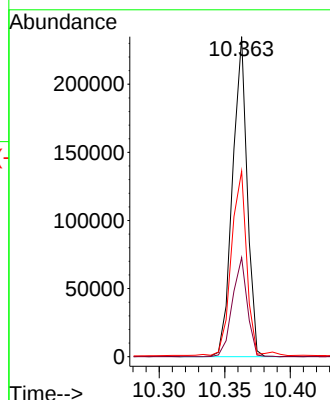
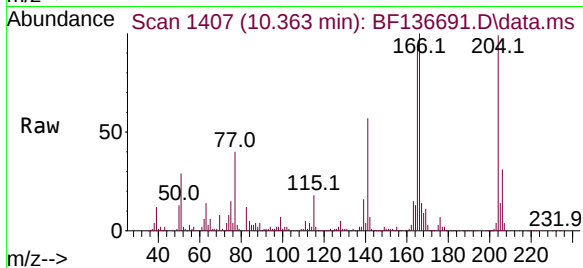




#61
4-Chlorophenyl-phenylether
Concen: 41.334 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

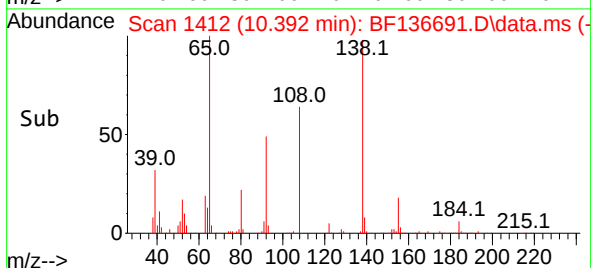
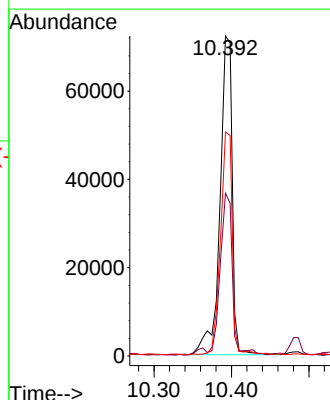
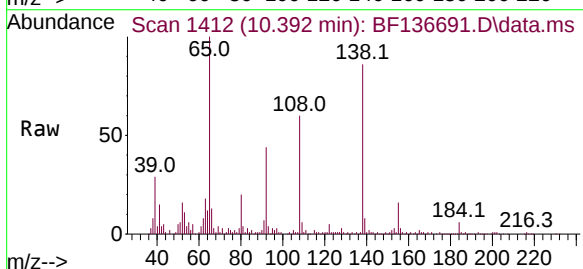
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

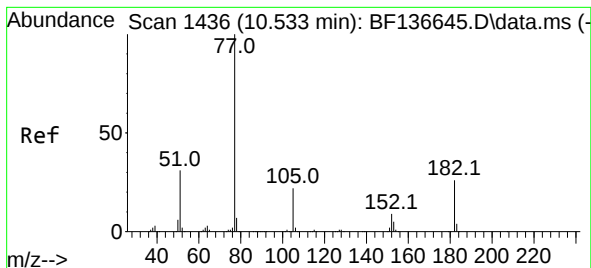
Tgt Ion:204 Resp: 182884
Ion Ratio Lower Upper
204 100
206 30.9 25.6 38.4
141 58.0 48.4 72.6



#62
4-Nitroaniline
Concen: 37.413 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:138 Resp: 79301
Ion Ratio Lower Upper
138 100
92 50.8 32.1 72.1
108 70.0 50.1 90.1





#63

Azobenzene

Concen: 40.844 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

Tgt Ion: 77 Resp: 362001

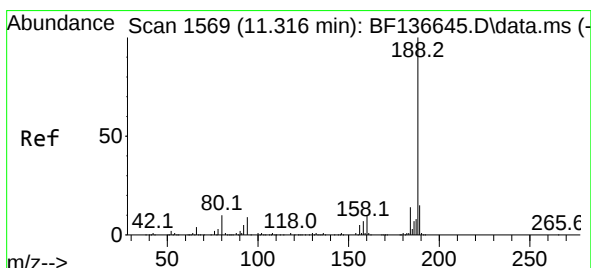
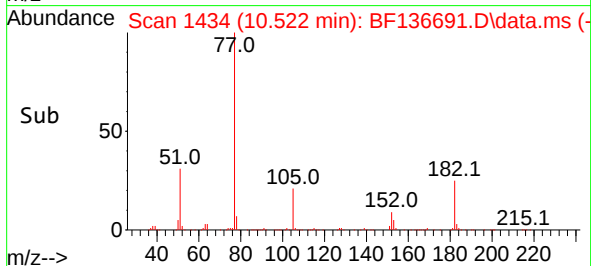
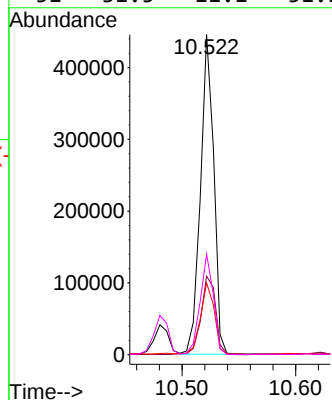
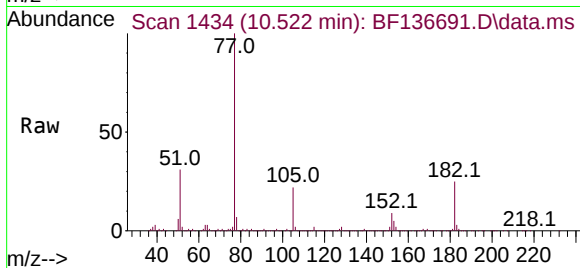
Ion Ratio Lower Upper

77 100

182 24.6 6.0 46.0

105 22.4 2.3 42.3

51 31.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

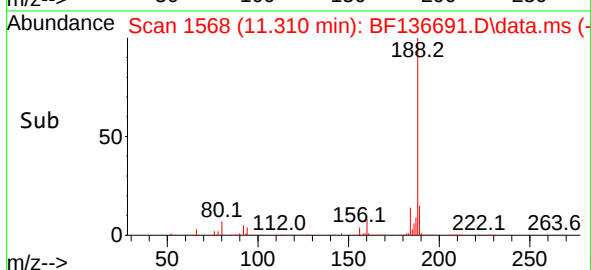
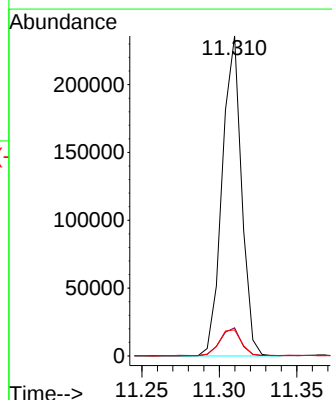
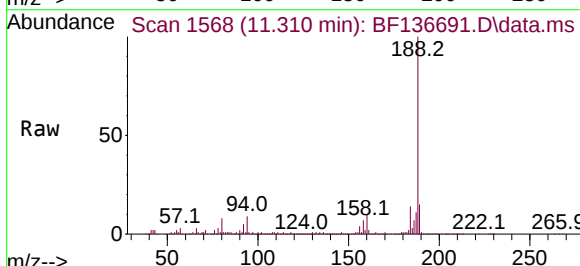
Tgt Ion: 188 Resp: 204603

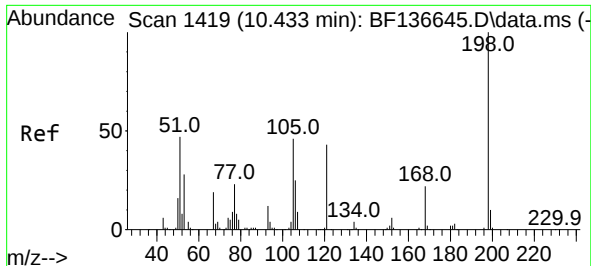
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 8.2 8.1 12.1

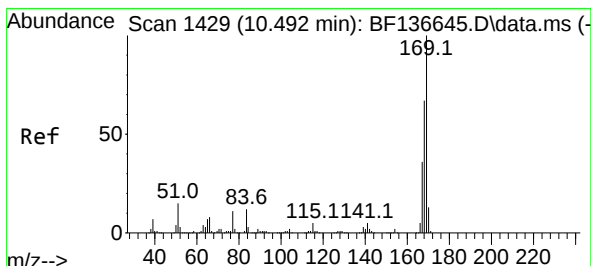
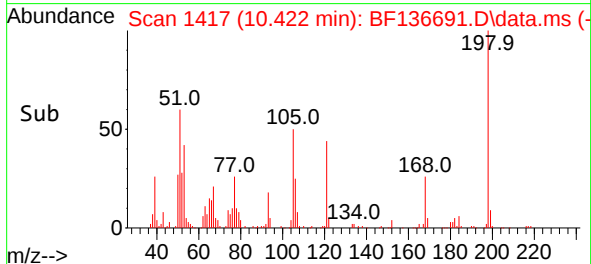
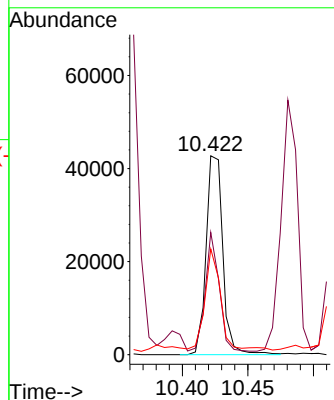
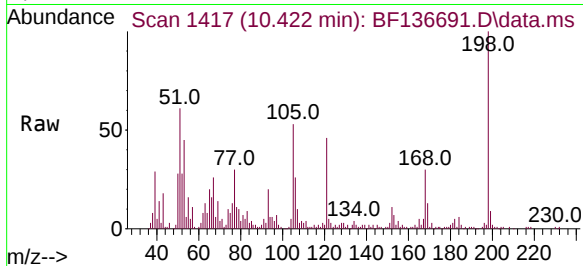




#65
4,6-Dinitro-2-methylphenol
Concen: 32.499 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

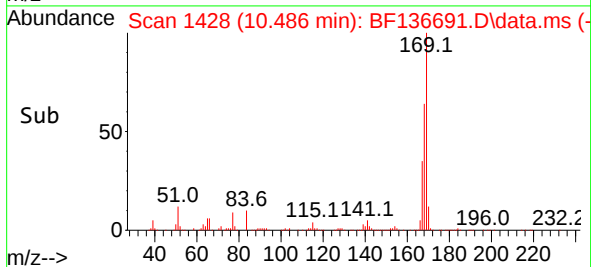
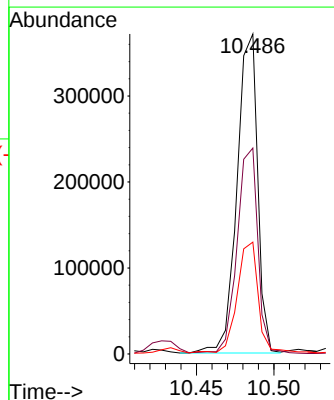
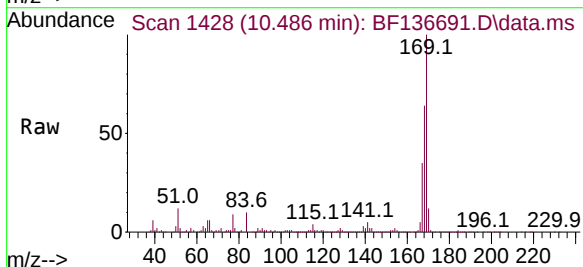
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

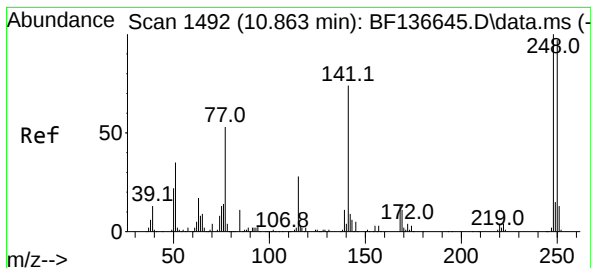
Tgt Ion:198 Resp: 38108
Ion Ratio Lower Upper
198 100
51 61.4 34.1 74.1
105 53.2 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 51.716 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:169 Resp: 343727
Ion Ratio Lower Upper
169 100
168 64.4 53.8 80.6
167 35.0 28.7 43.1

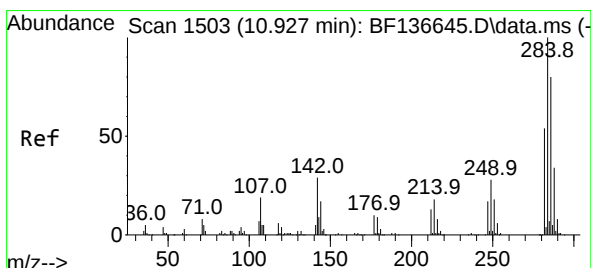
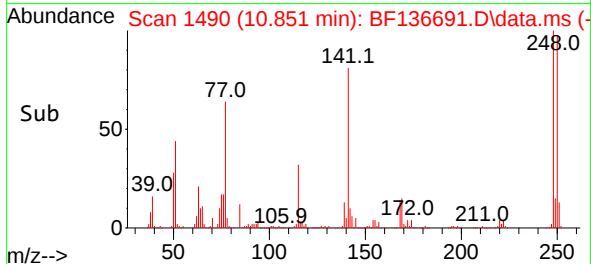
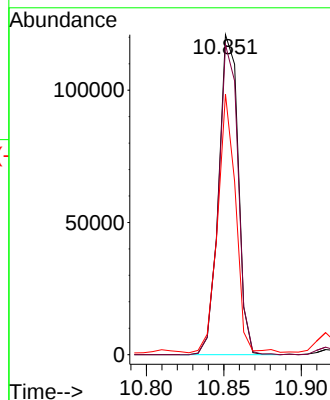
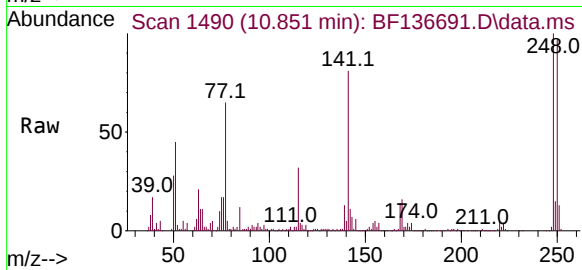




#67
4-Bromophenyl-phenylether
Concen: 46.714 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

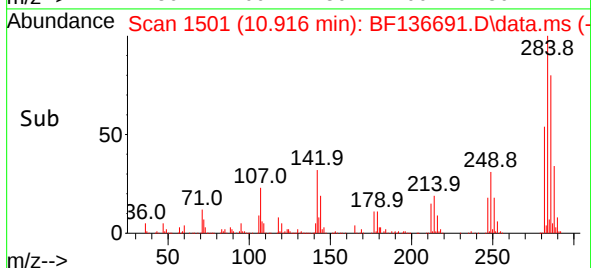
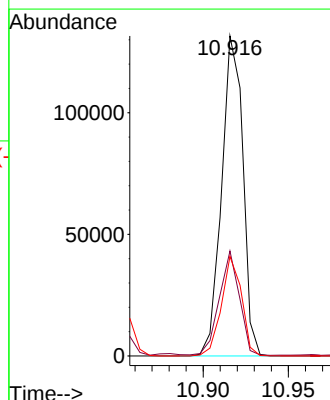
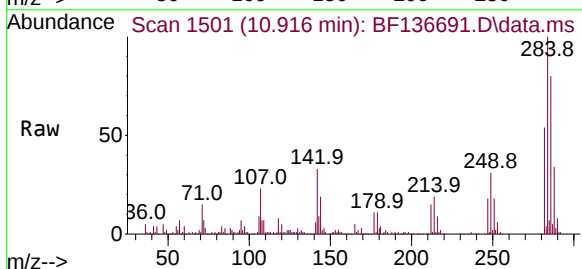
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

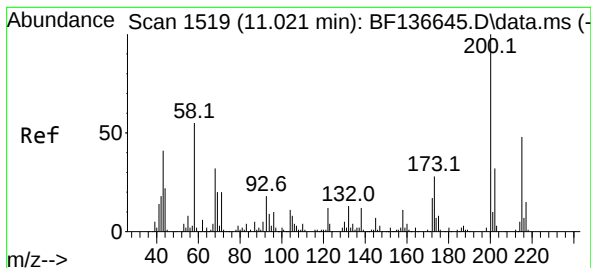
Tgt Ion:248 Resp: 106147
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 81.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 45.043 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:284 Resp: 114060
Ion Ratio Lower Upper
284 100
142 32.8 23.4 35.0
249 31.1 22.3 33.5





#69

Atrazine

Concen: 60.151 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

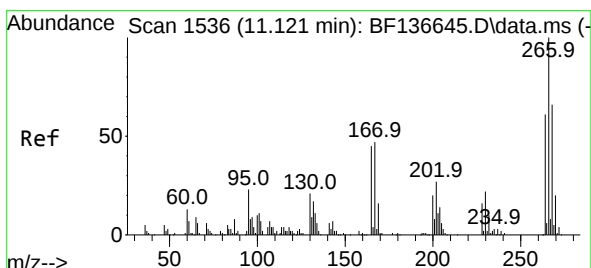
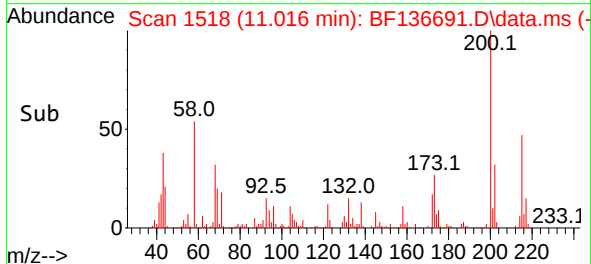
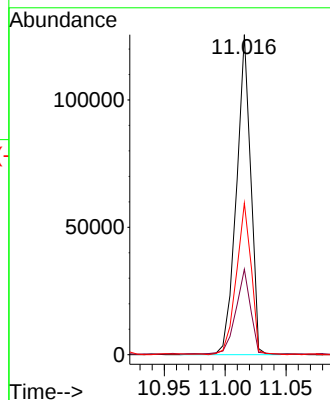
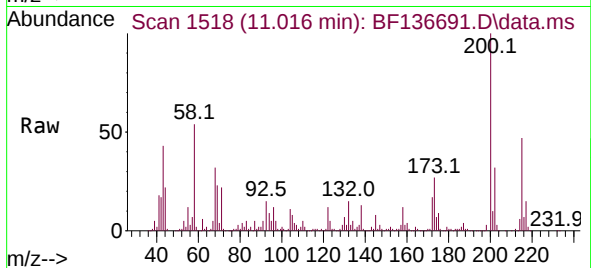
Tgt Ion:200 Resp: 102254

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

215 47.3 28.3 68.3



#70

Pentachlorophenol

Concen: 78.961 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

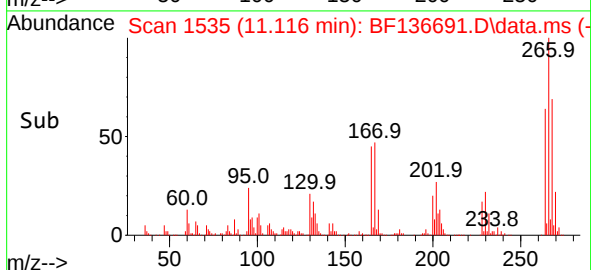
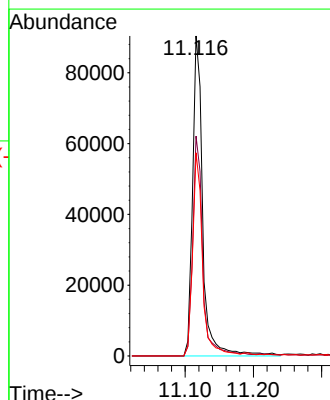
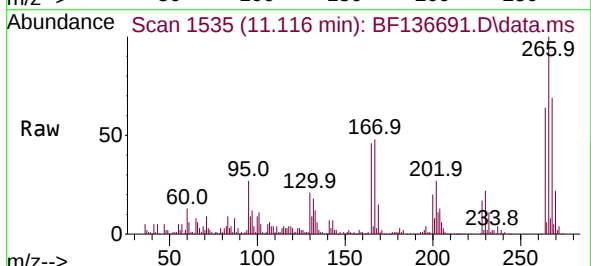
Tgt Ion:266 Resp: 93198

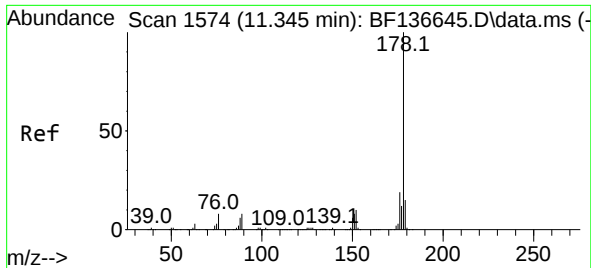
Ion Ratio Lower Upper

266 100

268 68.7 52.6 78.8

264 63.5 49.0 73.4

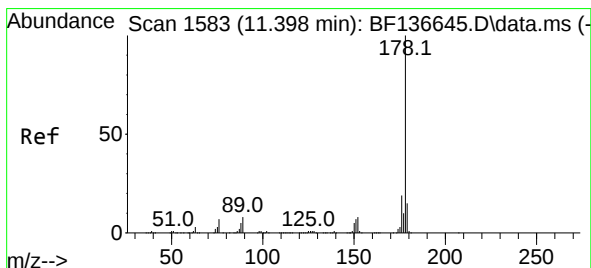
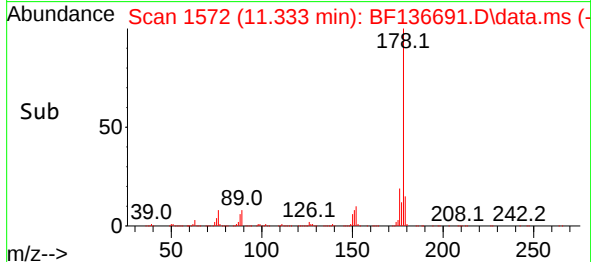
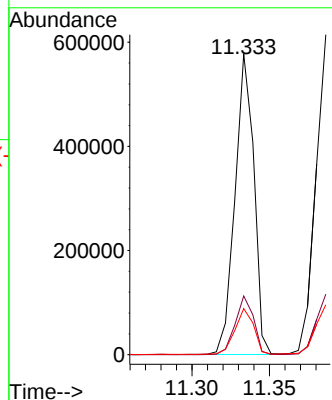
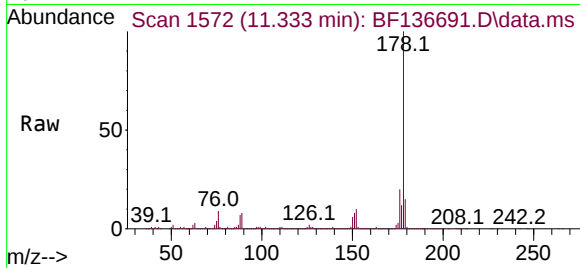




#71
Phenanthrene
Concen: 46.520 ng
RT: 11.333 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

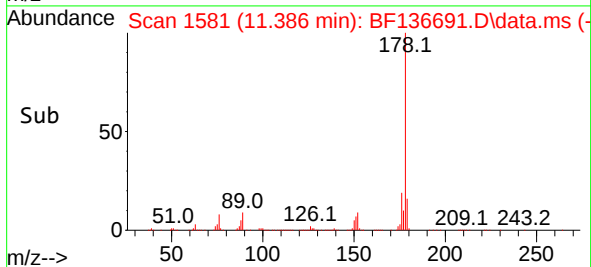
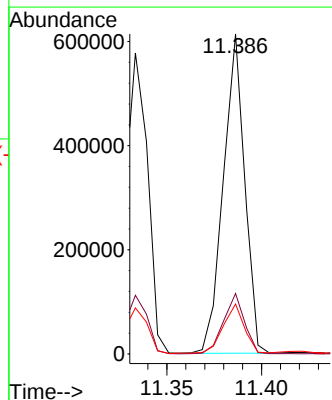
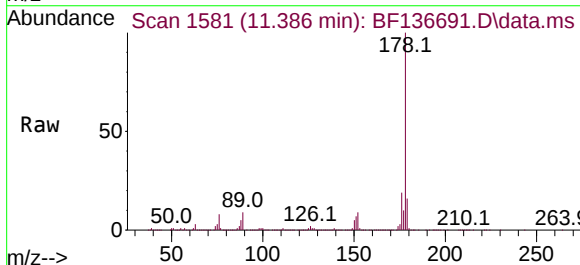
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

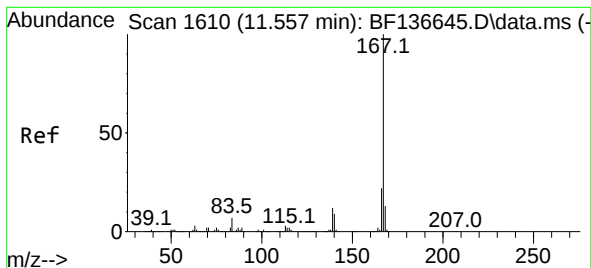
Tgt Ion:178 Resp: 488383
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 45.335 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:178 Resp: 482005
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 11.8 17.6





#73

Carbazole

Concen: 41.442 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

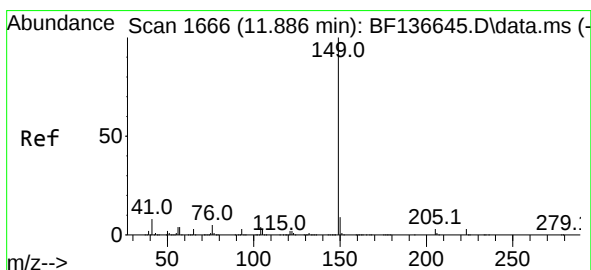
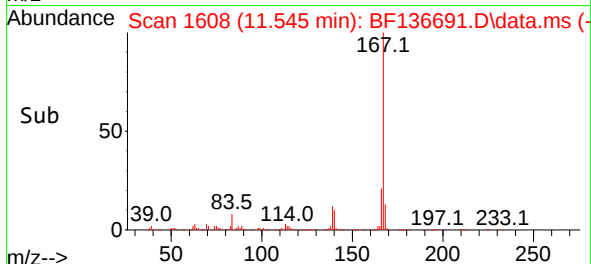
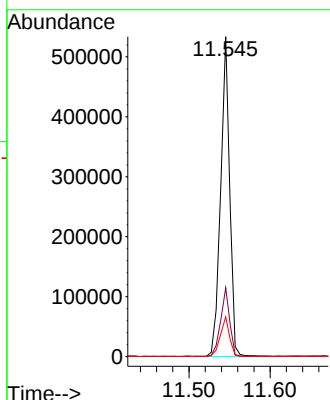
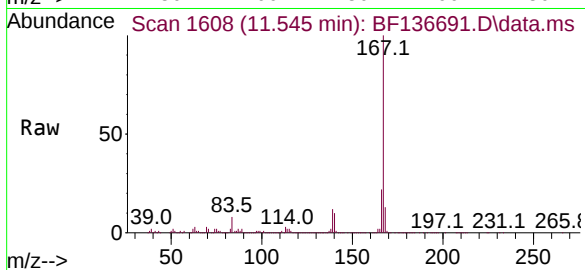
Tgt Ion:167 Resp: 415415

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.5 9.8 14.6



#74

Di-n-butylphthalate

Concen: 46.395 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

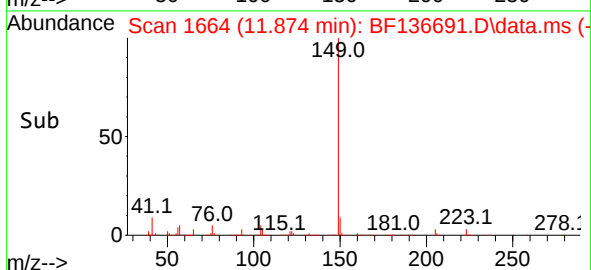
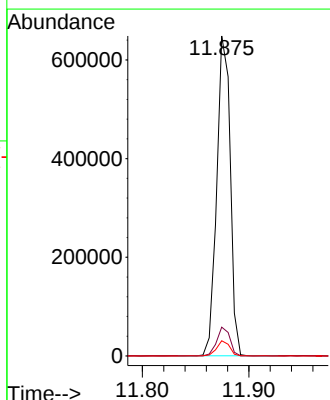
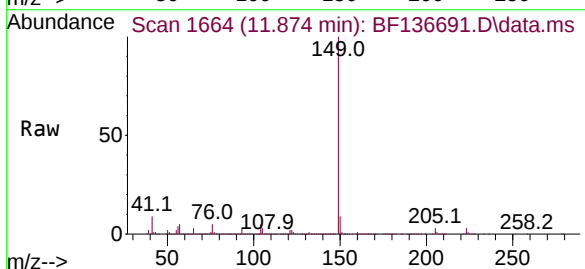
Tgt Ion:149 Resp: 567489

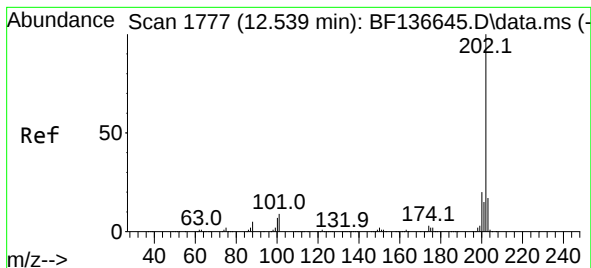
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 38.984 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

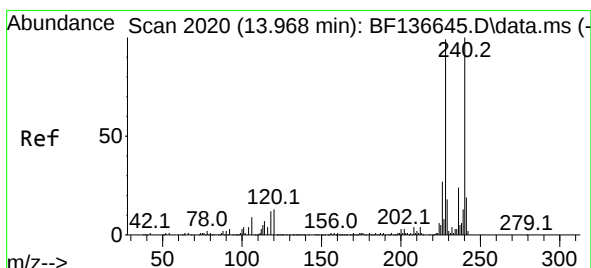
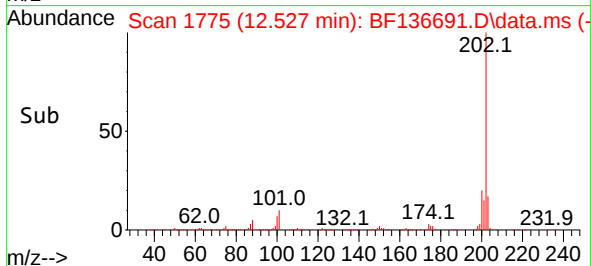
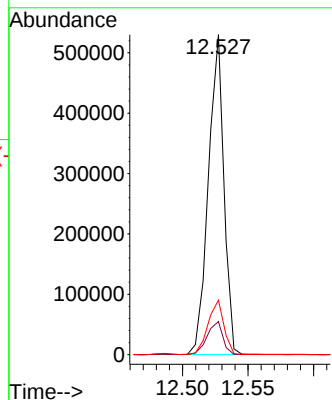
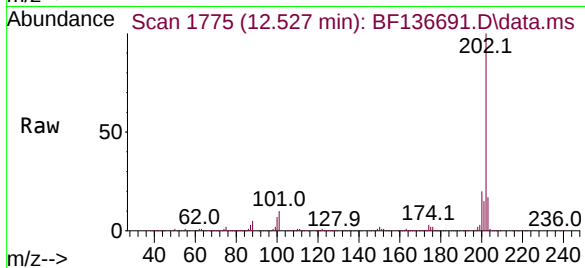
Tgt Ion:202 Resp: 437776

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

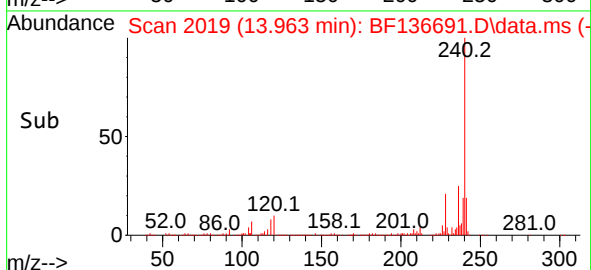
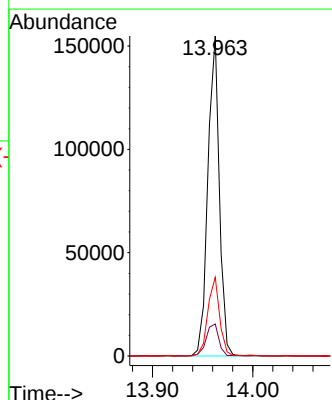
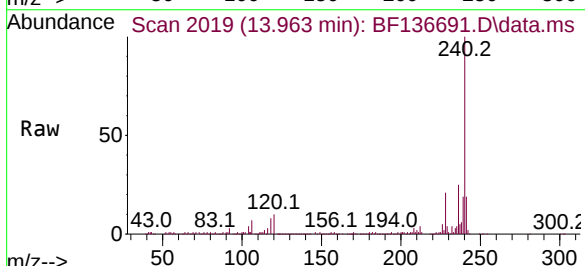
Tgt Ion:240 Resp: 124085

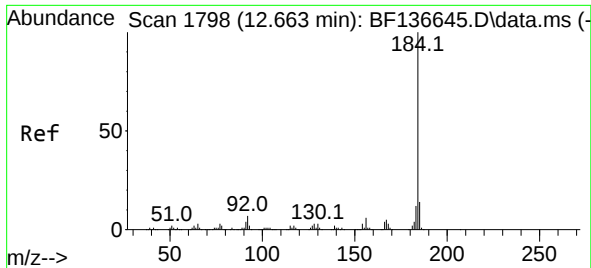
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 24.6 19.4 29.2

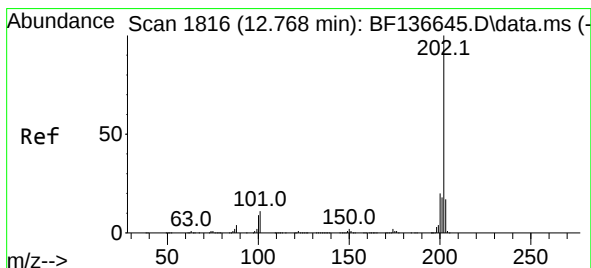
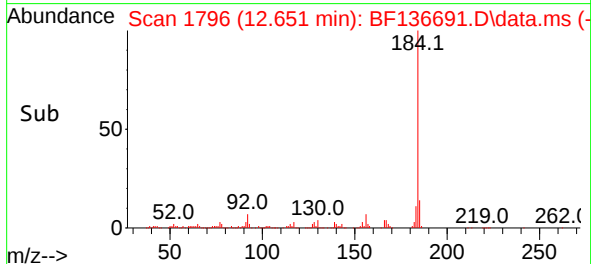
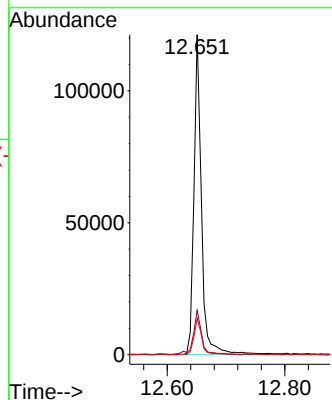
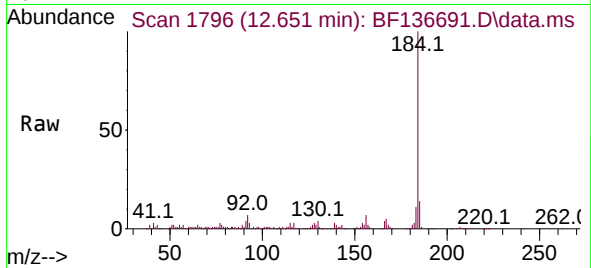




#77
Benzidine
Concen: 29.673 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

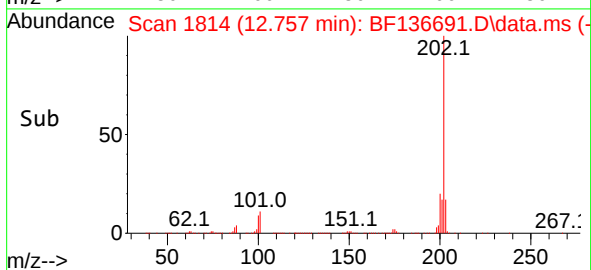
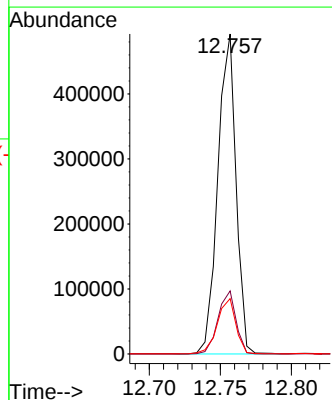
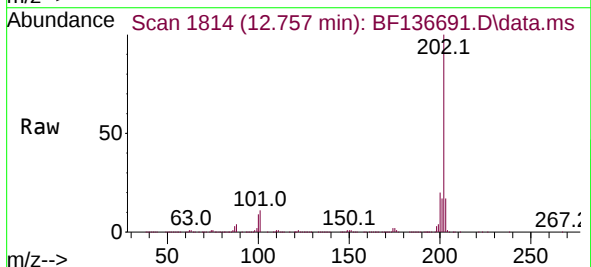
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

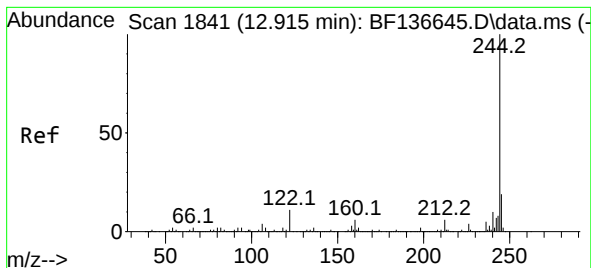
Tgt Ion:184 Resp: 108567
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 35.888 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:202 Resp: 437149
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 59.170 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

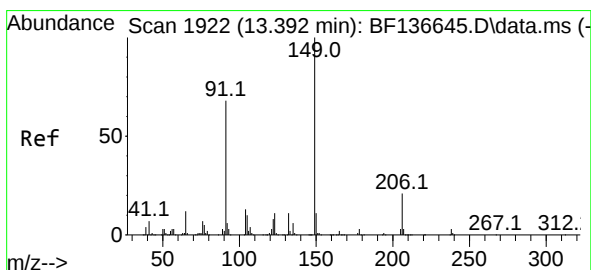
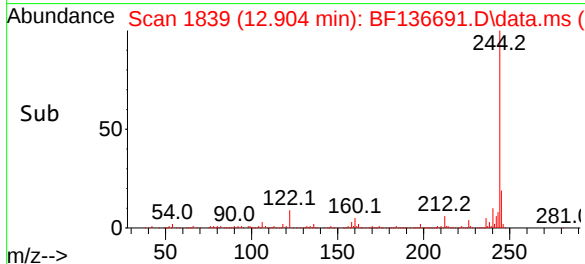
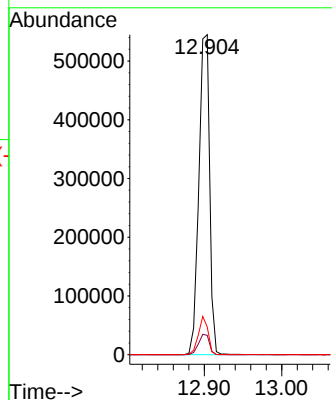
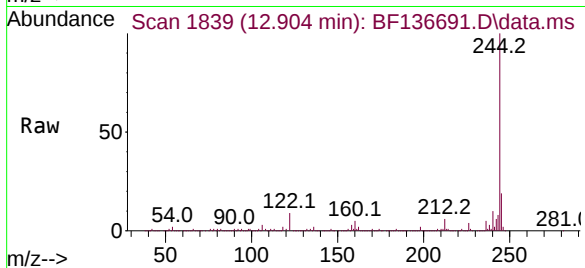
Tgt Ion:244 Resp: 525388

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 8.7 9.0 13.4#



#80

Butylbenzylphthalate

Concen: 41.737 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

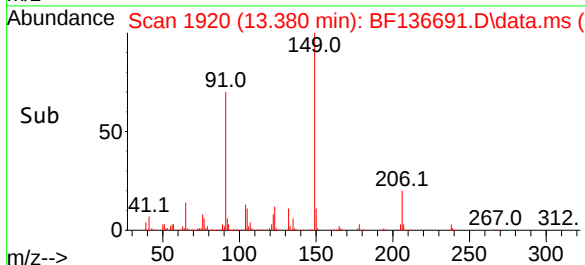
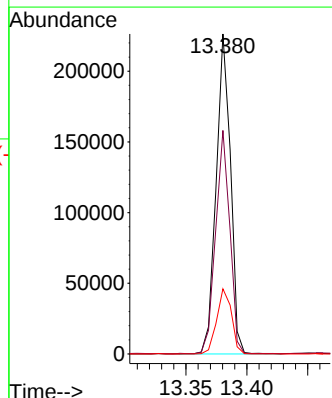
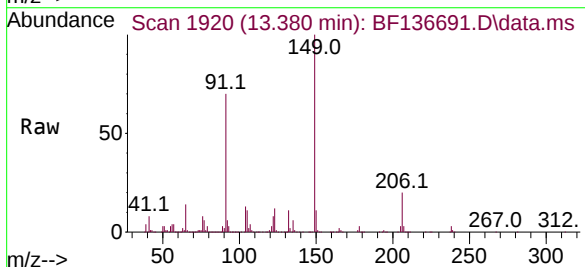
Tgt Ion:149 Resp: 184994

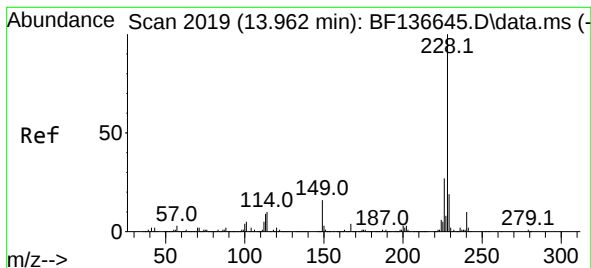
Ion Ratio Lower Upper

149 100

91 69.9 54.1 81.1

206 20.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 43.476 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

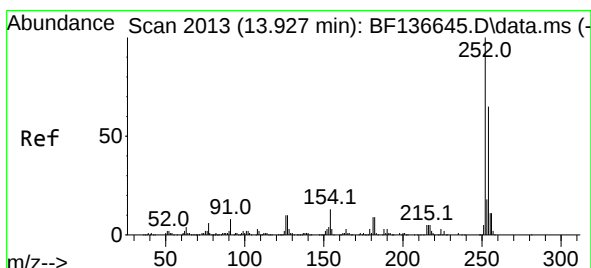
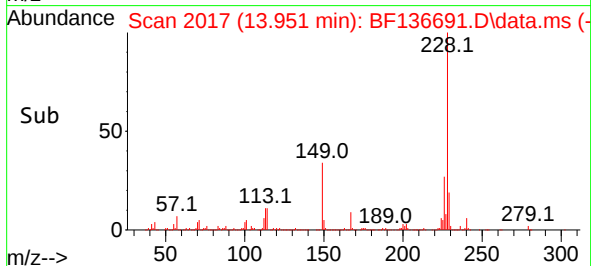
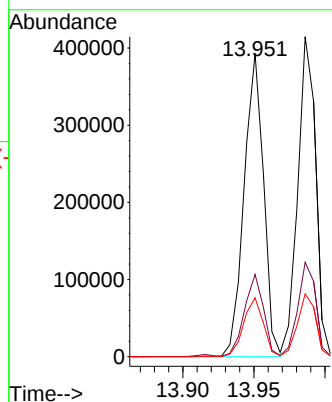
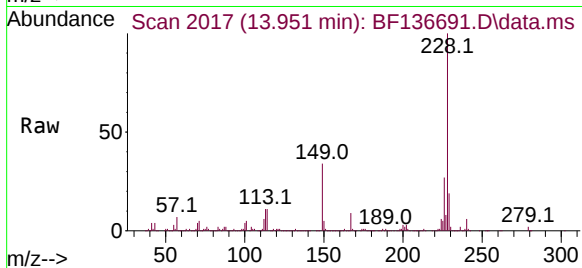
Tgt Ion:228 Resp: 374605

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.4 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 45.344 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

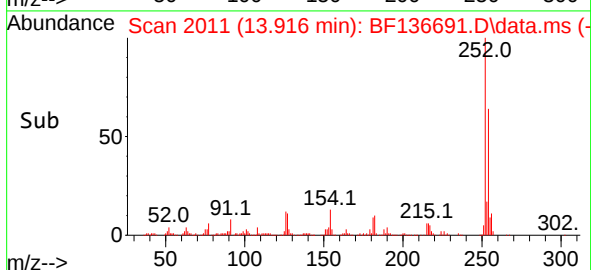
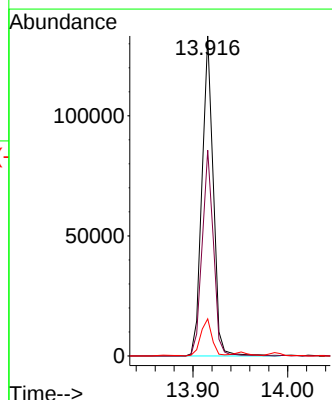
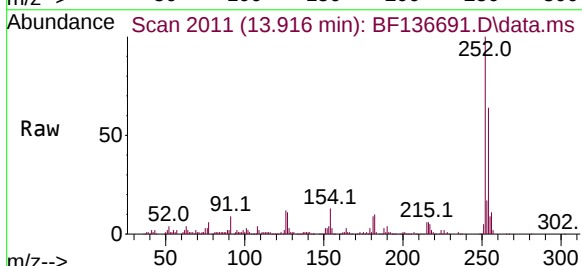
Tgt Ion:252 Resp: 110954

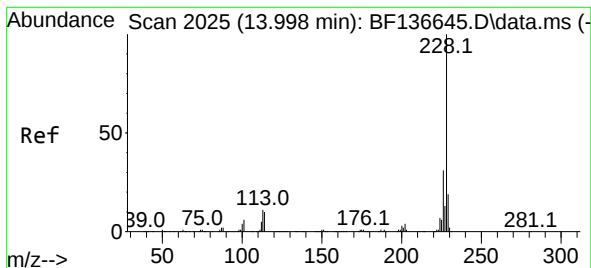
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 11.6 8.0 12.0





#83

Chrysene

Concen: 43.243 ng

RT: 13.986 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

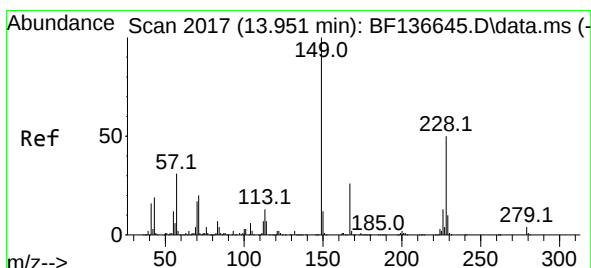
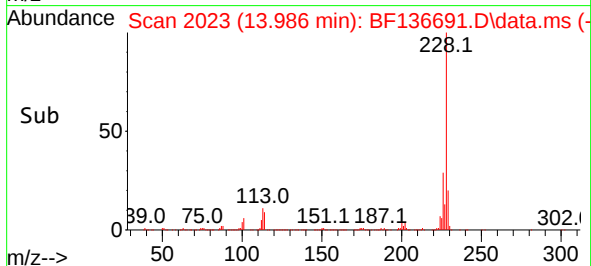
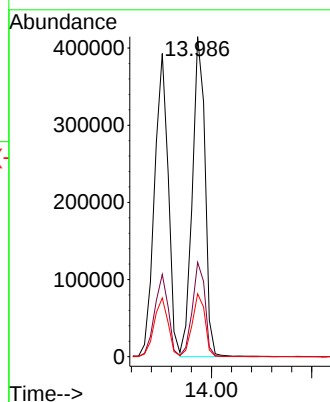
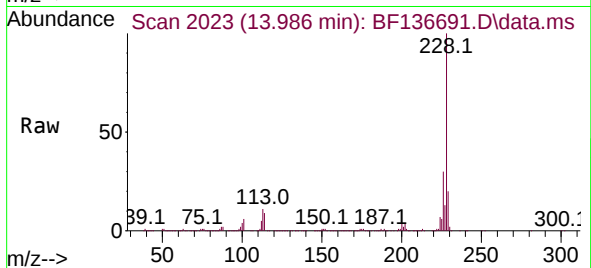
Tgt Ion:228 Resp: 364360

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.470 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

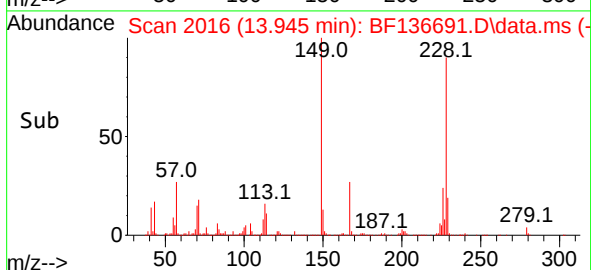
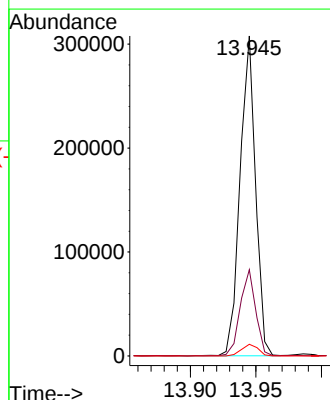
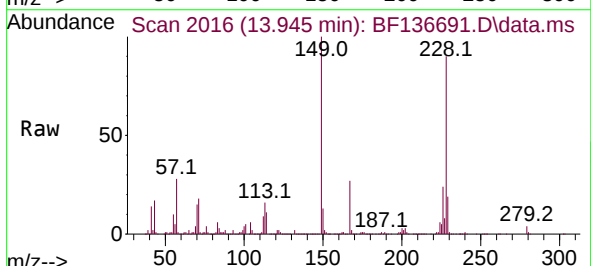
Tgt Ion:149 Resp: 253573

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 51.900 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2MS

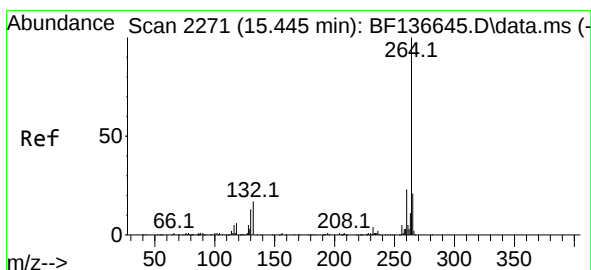
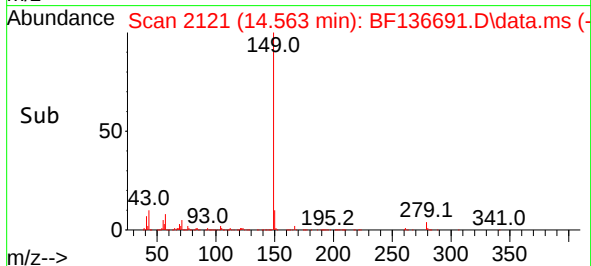
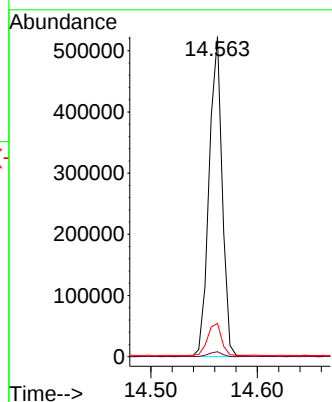
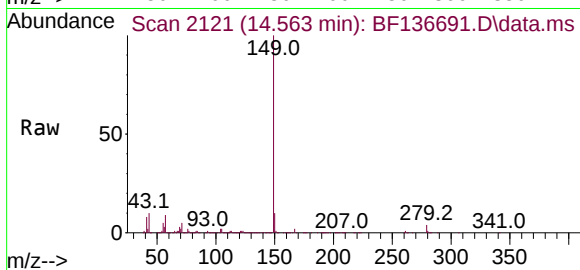
Tgt Ion:149 Resp: 447705

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.012 min

Lab File: BF136691.D

Acq: 22 Dec 2023 18:09

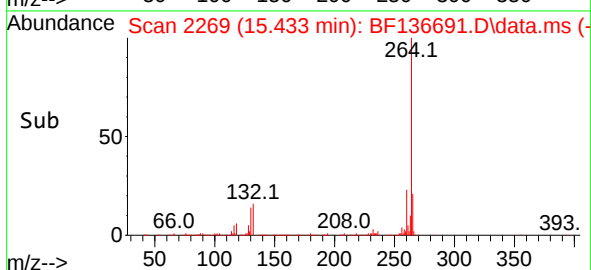
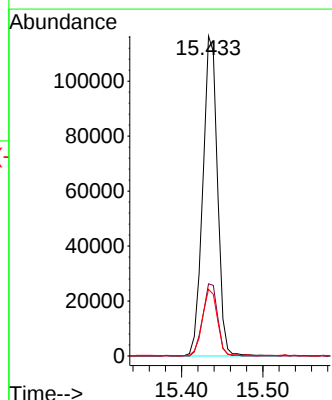
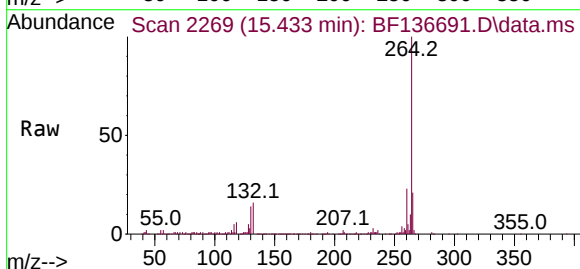
Tgt Ion:264 Resp: 145477

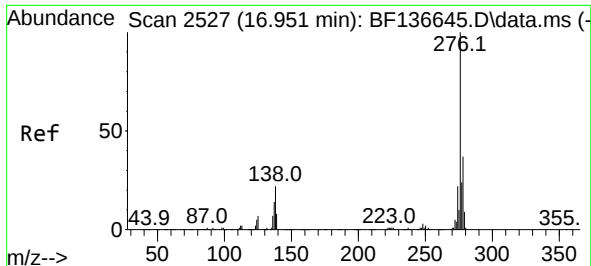
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.8 17.0 25.6

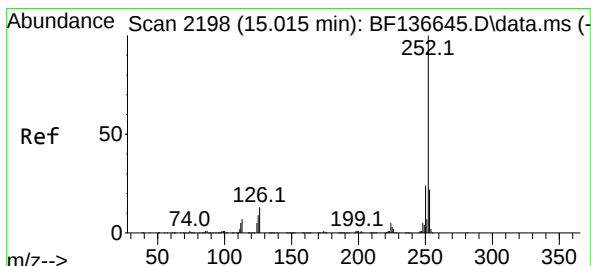
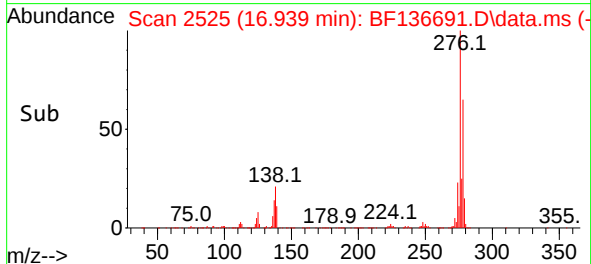
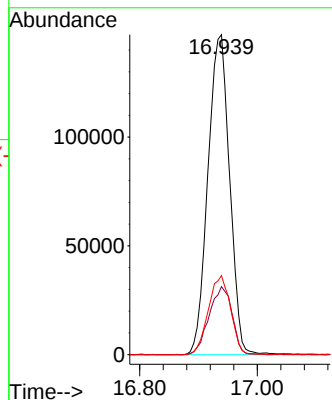
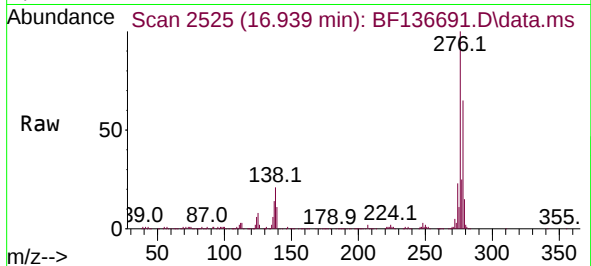




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.851 ng
RT: 16.939 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

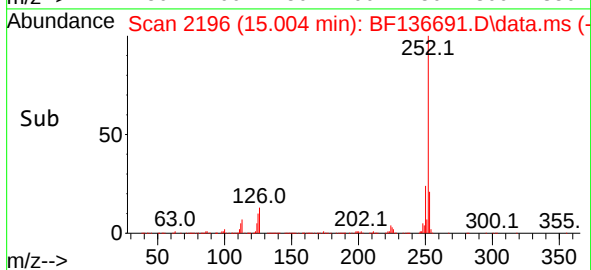
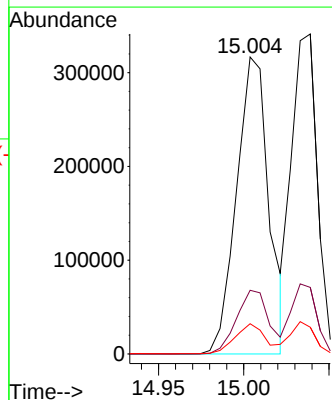
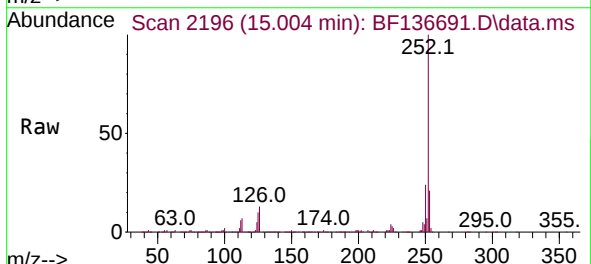
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

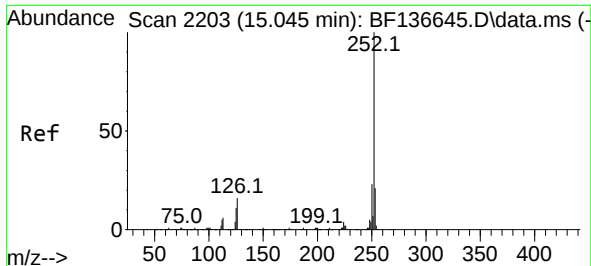
Tgt Ion:276 Resp: 376567
Ion Ratio Lower Upper
276 100
138 22.7 18.7 28.1
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 43.060 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:252 Resp: 418391
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.2 7.4 11.2

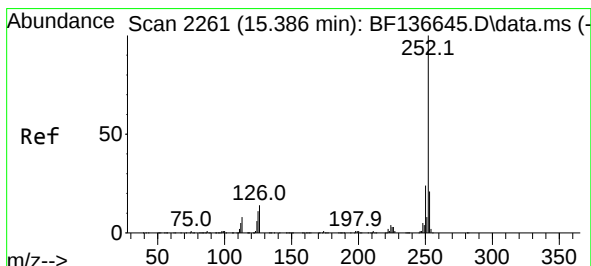
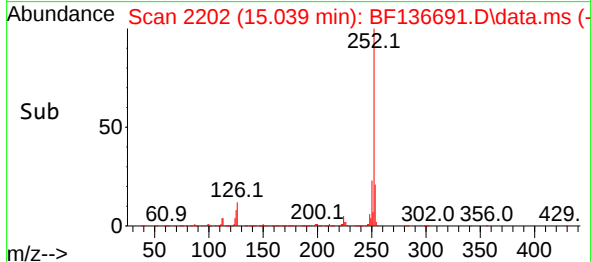
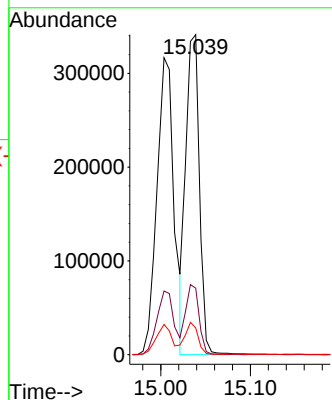
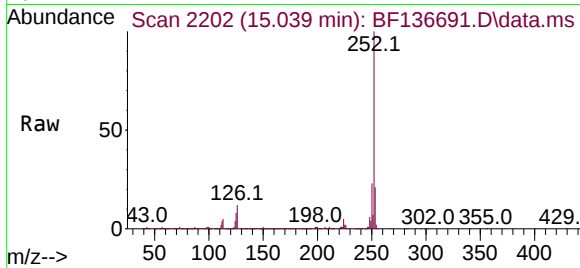




#89
Benzo(k)fluoranthene
Concen: 39.225 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

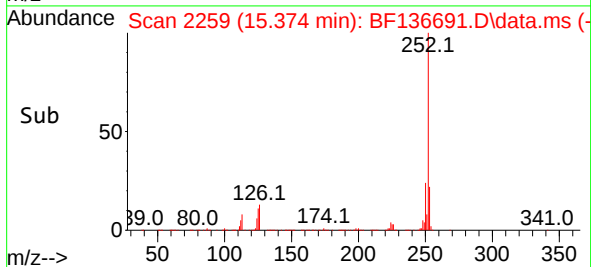
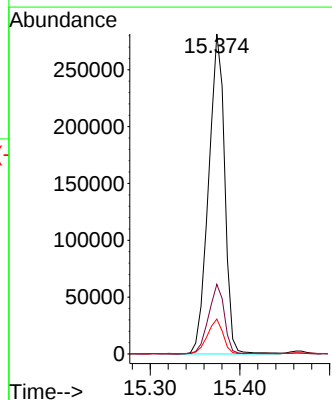
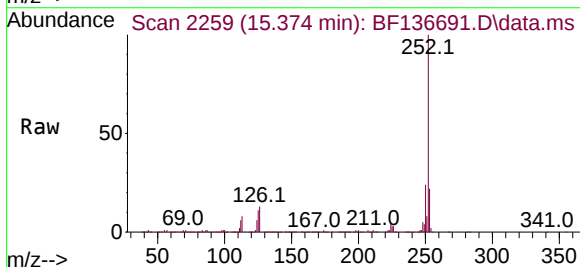
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

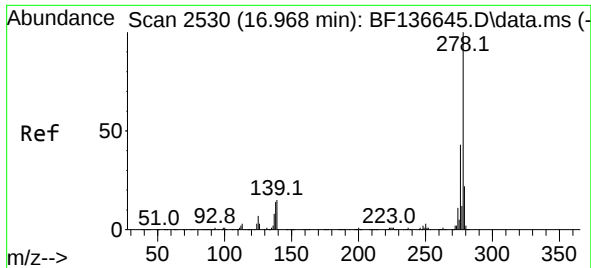
Tgt Ion:252 Resp: 360133
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 8.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 42.760 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:252 Resp: 350712
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.9 8.8 13.2

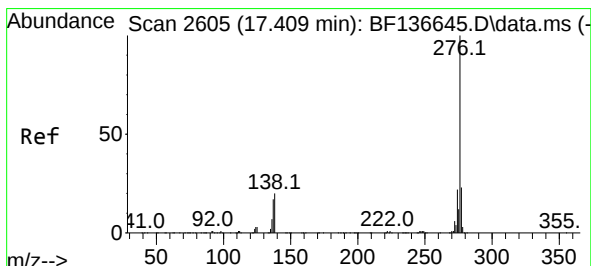
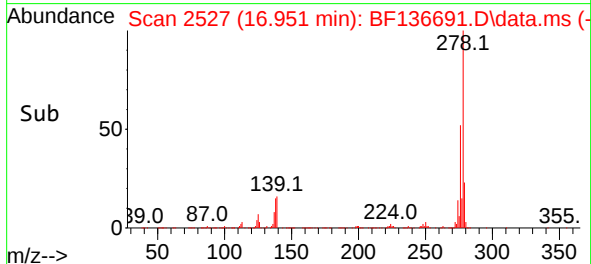
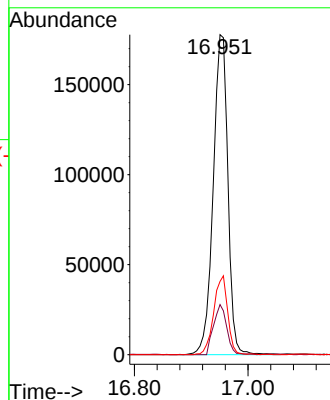
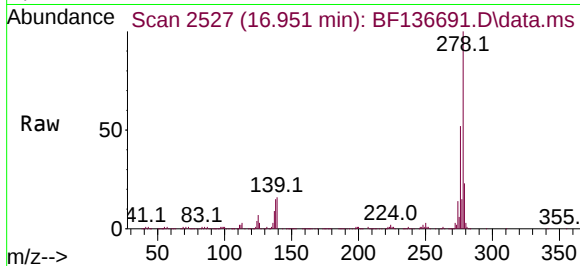




#91
Dibenzo(a,h)anthracene
Concen: 36.904 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2MS

Tgt Ion:278 Resp: 318005
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 22.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 31.547 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF136691.D
Acq: 22 Dec 2023 18:09

Tgt Ion:276 Resp: 278425
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 18.6 15.6 23.4

