

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126611.D
 Acq On : 20 Jan 2022 15:24
 Operator : CG/JU
 Sample : N1189-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MS

Quant Time: Jan 20 16:39:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	88490	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	344238	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	180351	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	284589	20.000	ng	0.00
76) Chrysene-d12	14.145	240	160190	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	191674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	834635	124.115	ng	0.01
7) Phenol-d6	6.581	99	1158783	124.025	ng	0.00
23) Nitrobenzene-d5	7.528	82	849780	96.623	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	204641	121.247	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	979676	83.192	ng	0.00
79) Terphenyl-d14	13.086	244	769819	80.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	165549	49.950	ng	90
3) Pyridine	3.640	79	389256	41.927	ng	# 85
4) n-Nitrosodimethylamine	3.610	42	175747	53.500	ng	88
6) Aniline	6.628	93	426607	36.437	ng	98
8) 2-Chlorophenol	6.746	128	327766	53.140	ng	89
9) Benzaldehyde	6.516	77	288751	51.201	ng	82
10) Phenol	6.593	94	536076	53.946	ng	89
11) bis(2-Chloroethyl)ether	6.698	93	426738	52.919	ng	95
12) 1,3-Dichlorobenzene	6.904	146	357898	52.268	ng	# 91
13) 1,4-Dichlorobenzene	6.981	146	356939	51.621	ng	95
14) 1,2-Dichlorobenzene	7.134	146	345141	52.946	ng	96
15) Benzyl Alcohol	7.098	79	418408	50.230	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	469301	51.010	ng	84
17) 2-Methylphenol	7.204	107	317112	52.294	ng	# 90
18) Hexachloroethane	7.481	117	148149	53.063	ng	# 89
19) n-Nitroso-di-n-propyla...	7.375	70	339838	49.836	ng	# 85
20) 3+4-Methylphenols	7.357	107	398206	50.644	ng	# 80
22) Acetophenone	7.375	105	552625	52.093	ng	# 90
24) Nitrobenzene	7.545	77	516907	56.933	ng	# 83
25) Isophorone	7.787	82	865584	50.749	ng	# 93
26) 2-Nitrophenol	7.863	139	153649	64.875	ng	# 72
27) 2,4-Dimethylphenol	7.893	122	320037	56.941	ng	86
28) bis(2-Chloroethoxy)met...	7.992	93	513678	48.289	ng	96
29) 2,4-Dichlorophenol	8.098	162	270998	50.830	ng	97
30) 1,2,4-Trichlorobenzene	8.187	180	283135	49.521	ng	96
31) Naphthalene	8.269	128	950994	51.139	ng	100
32) Benzoic acid	7.998	122	210553	66.040	ng	# 69
33) 4-Chloroaniline	8.310	127	99923	13.449	ng	# 88
34) Hexachlorobutadiene	8.381	225	181610	49.936	ng	97
35) Caprolactam	8.687	113	61669	32.391	ng	# 80
36) 4-Chloro-3-methylphenol	8.787	107	349232	50.091	ng	85
37) 2-Methylnaphthalene	8.963	142	603384	52.172	ng	99
38) 1-Methylnaphthalene	9.063	142	555660	49.570	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	272226	53.815	ng	98
41) Hexachlorocyclopentadiene	9.116	237	379040	123.070	ng	95
43) 2,4,6-Trichlorophenol	9.234	196	188651	52.314	ng	98

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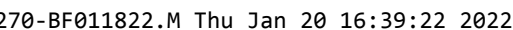
Instrument :
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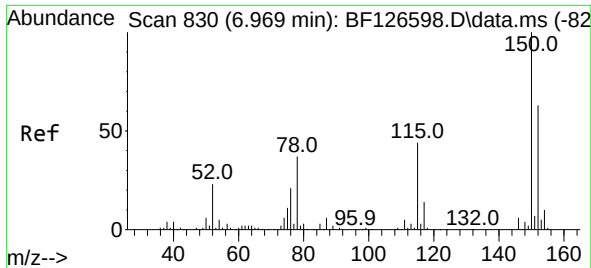
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	194282	52.020	ng	89
46) 1,1'-Biphenyl	9.428	154	728872	53.644	ng	96
47) 2-Chloronaphthalene	9.451	162	557520	52.227	ng	97
48) 2-Nitroaniline	9.545	65	234407	63.598	ng	# 87
49) Acenaphthylene	9.869	152	889945	53.146	ng	99
50) Dimethylphthalate	9.728	163	639400	49.986	ng	# 99
51) 2,6-Dinitrotoluene	9.787	165	136375	61.698	ng	# 71
52) Acenaphthene	10.045	154	577183	56.381	ng	98
53) 3-Nitroaniline	9.951	138	67400	26.670	ng	# 70
54) 2,4-Dinitrophenol	10.063	184	100775	89.677	ng	89
55) Dibenzofuran	10.216	168	773889	50.303	ng	95
56) 4-Nitrophenol	10.104	139	212215	105.455	ng	# 50
57) 2,4-Dinitrotoluene	10.192	165	181050	67.595	ng	96
58) Fluorene	10.557	166	585643	50.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	159297	52.170	ng	# 86
60) Diethylphthalate	10.428	149	621900	48.909	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	285218	49.166	ng	90
62) 4-Nitroaniline	10.575	138	124582	50.795	ng	# 65
63) Azobenzene	10.710	77	915724	48.664	ng	91
65) 4,6-Dinitro-2-methylph...	10.598	198	68475	50.000	ng	93
66) n-Nitrosodiphenylamine	10.669	169	499596	52.006	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	173357	52.854	ng	96
68) Hexachlorobenzene	11.104	284	190256	54.368	ng	91
69) Atrazine	11.192	200	157240	51.251	ng	95
70) Pentachlorophenol	11.292	266	203875	100.189	ng	97
71) Phenanthrene	11.528	178	831147	51.119	ng	100
72) Anthracene	11.575	178	854831	52.401	ng	99
73) Carbazole	11.728	167	688999	44.987	ng	99
74) Di-n-butylphthalate	12.057	149	860452	46.590	ng	# 98
75) Fluoranthene	12.716	202	717959	44.706	ng	97
77) Benzidine	12.833	184	247558	44.798	ng	98
78) Pyrene	12.945	202	704480	54.382	ng	99
80) Butylbenzylphthalate	13.563	149	265489	47.173	ng	# 94
81) Benzo(a)anthracene	14.133	228	562449	51.657	ng	98
82) 3,3'-Dichlorobenzidine	14.098	252	102168	28.564	ng	# 95
83) Chrysene	14.174	228	558819	53.339	ng	99
84) Bis(2-ethylhexyl)phtha...	14.122	149	348021	45.660	ng	# 99
85) Di-n-octyl phthalate	14.751	149	592896	50.807	ng	95
87) Indeno(1,2,3-cd)pyrene	17.245	276	738443	62.354	ng	# 88
88) Benzo(b)fluoranthene	15.227	252	626904	49.321	ng	# 93
89) Benzo(k)fluoranthene	15.257	252	610715	48.935	ng	# 96
90) Benzo(a)pyrene	15.616	252	629214	60.841	ng	# 93
91) Dibenzo(a,h)anthracene	17.268	278	615714	62.758	ng	# 92
92) Benzo(g,h,i)perylene	17.727	276	627651	65.244	ng	# 87

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

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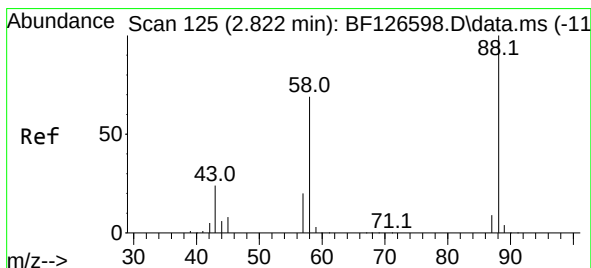
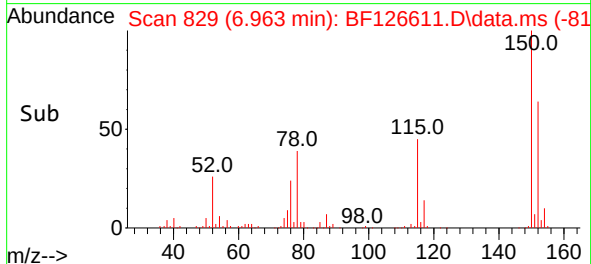
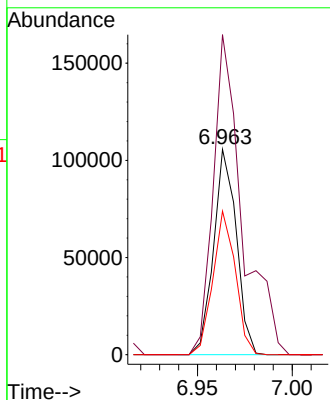
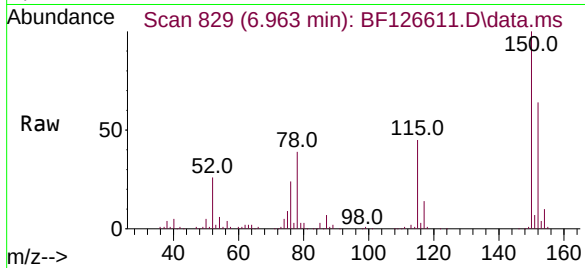




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126611.D
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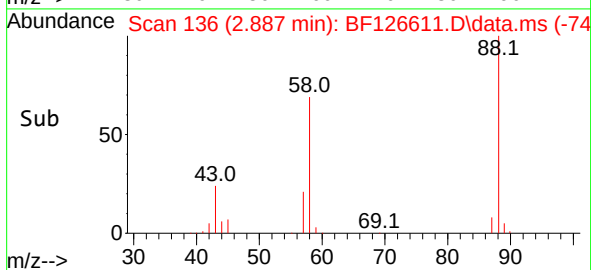
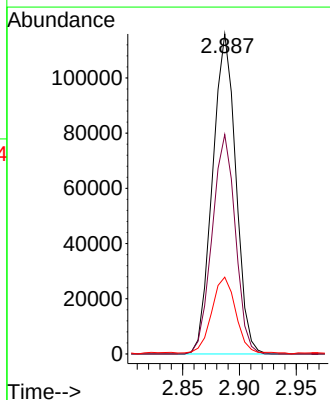
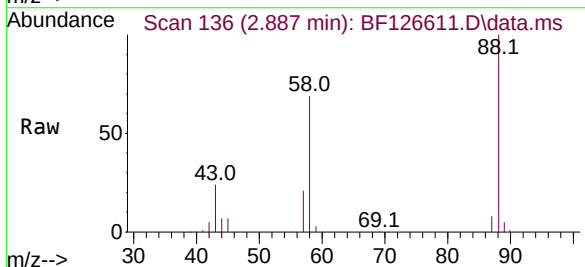
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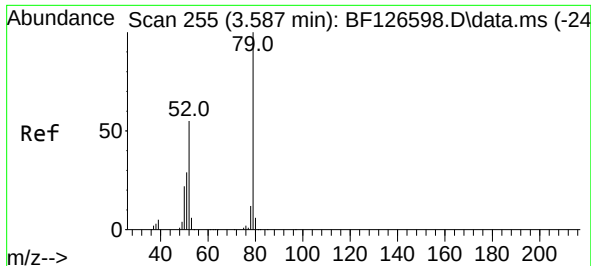
Tgt Ion:152 Resp: 88490
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.1 192.1
 115 69.9 56.7 85.1



#2
 1,4-Dioxane
 Concen: 49.950 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.065 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

Tgt Ion: 88 Resp: 165549
 Ion Ratio Lower Upper
 88 100
 58 68.2 62.8 94.2
 43 25.4 22.3 33.5





#3

Pyridine

Concen: 41.927 ng

RT: 3.640 min Scan# 2

Delta R.T. 0.053 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

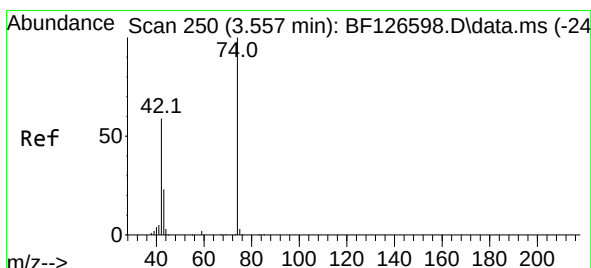
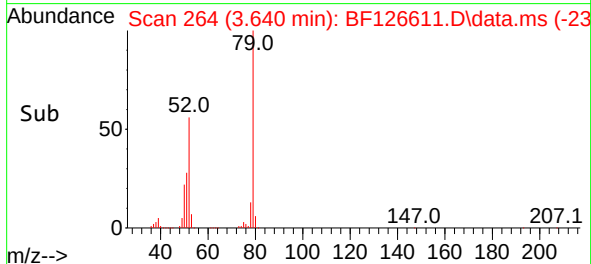
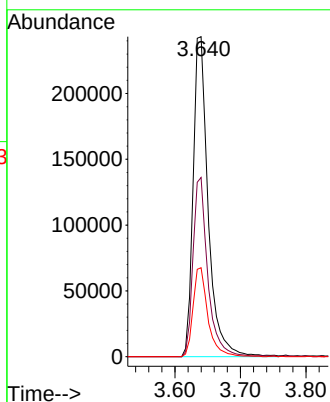
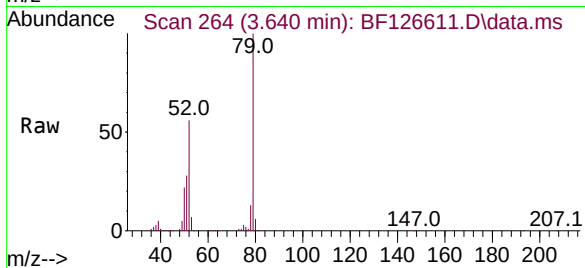
Tgt Ion: 79 Resp: 389256

Ion Ratio Lower Upper

79 100

52 56.0 56.2 84.4#

51 27.8 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 53.500 ng

RT: 3.610 min Scan# 259

Delta R.T. 0.053 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

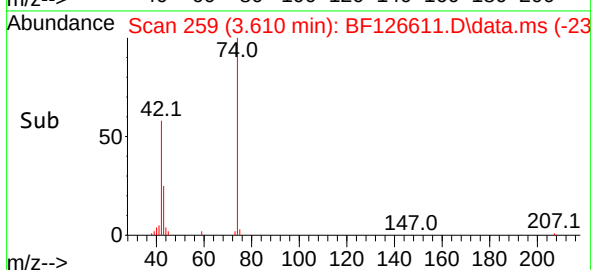
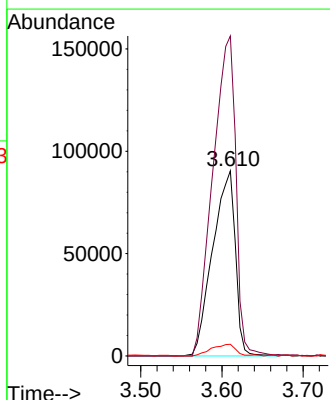
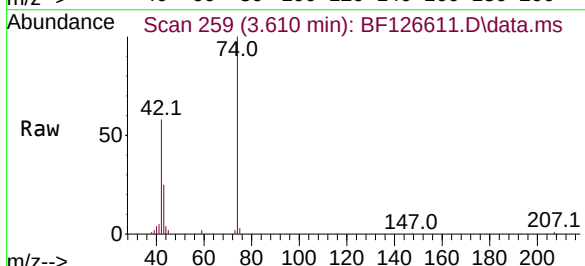
Tgt Ion: 42 Resp: 175747

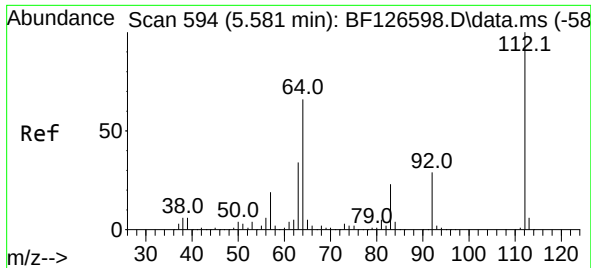
Ion Ratio Lower Upper

42 100

74 172.9 125.6 188.4

44 6.3 5.7 8.5

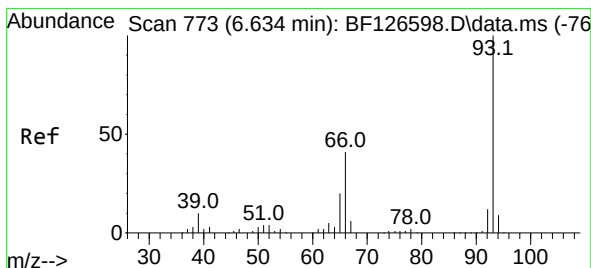
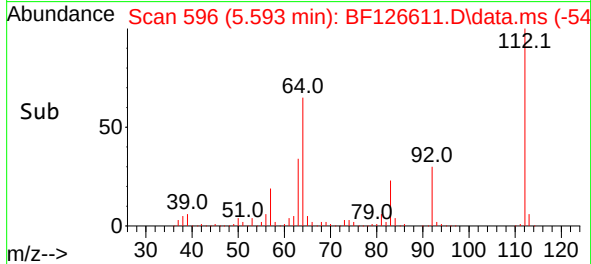
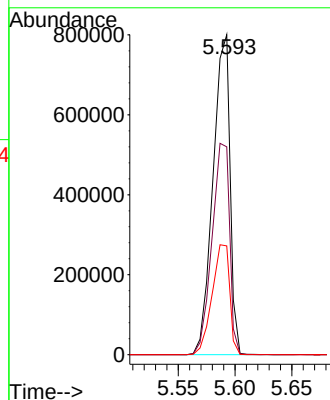
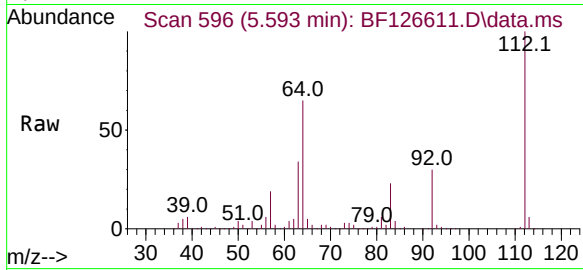




#5
2-Fluorophenol
Concen: 124.115 ng
RT: 5.593 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

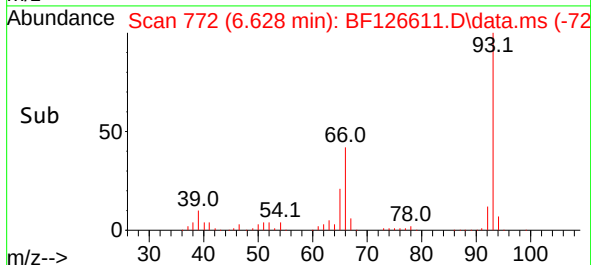
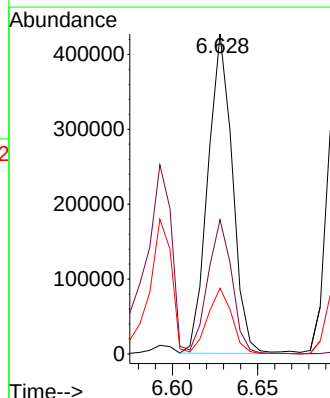
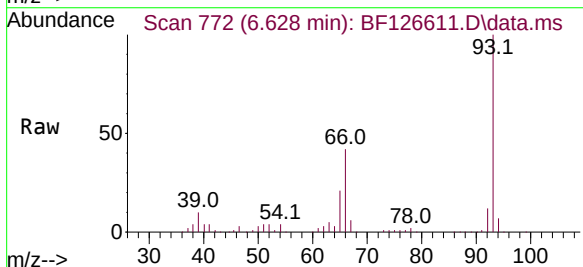
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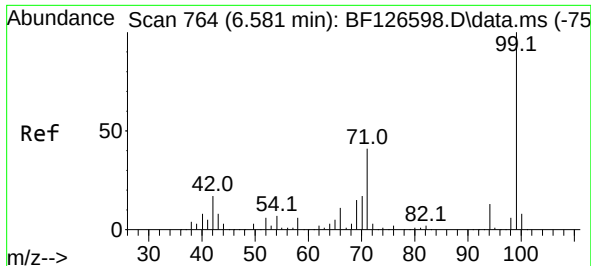
Tgt Ion:112 Resp: 834635
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.0 23.9 35.9



#6
Aniline
Concen: 36.437 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion: 93 Resp: 426607
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 20.6 16.3 24.5

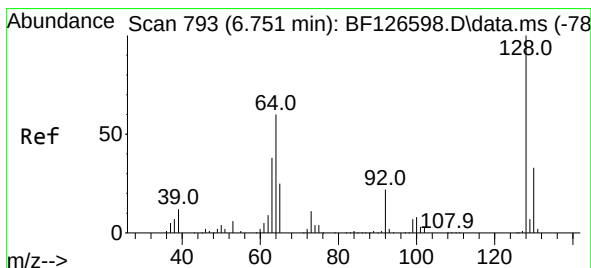
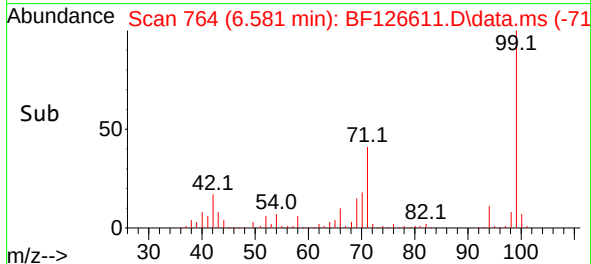
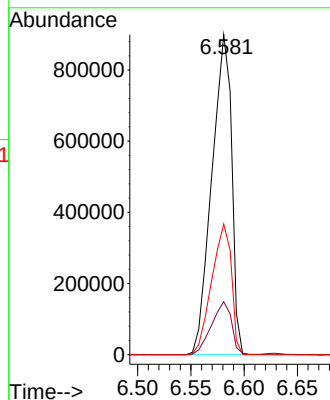
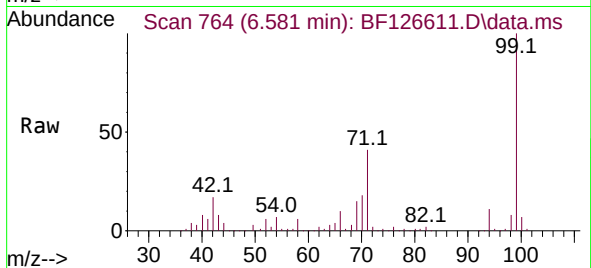




#7
Phenol-d6
Concen: 124.025 ng
RT: 6.581 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

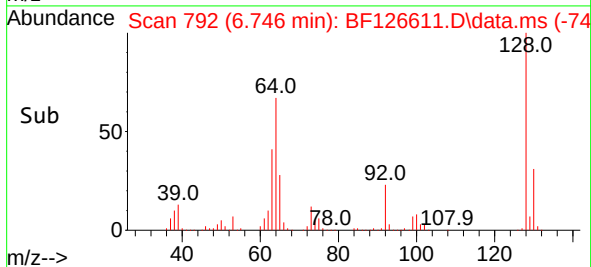
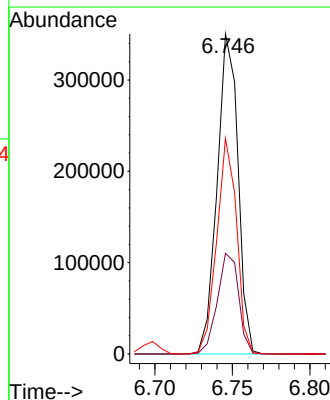
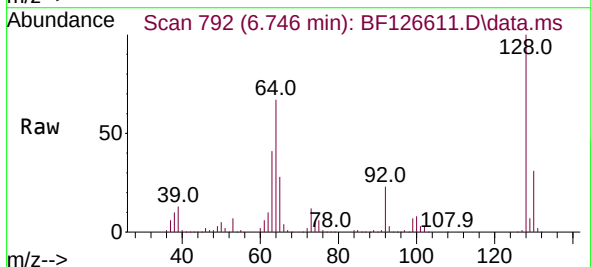
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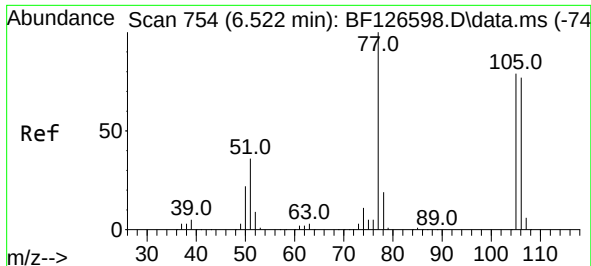
Tgt Ion: 99 Resp: 1158783
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 40.8 24.3 36.5#



#8
2-Chlorophenol
Concen: 53.140 ng
RT: 6.746 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:128 Resp: 327766
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 67.4 35.6 75.6

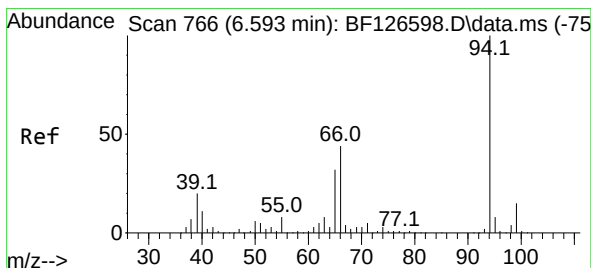
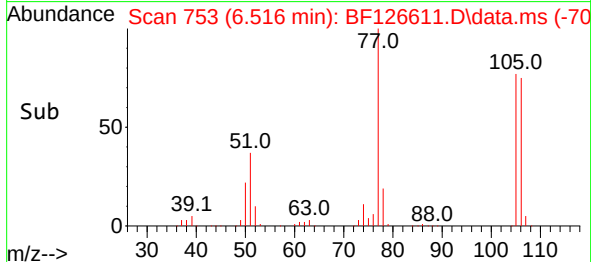
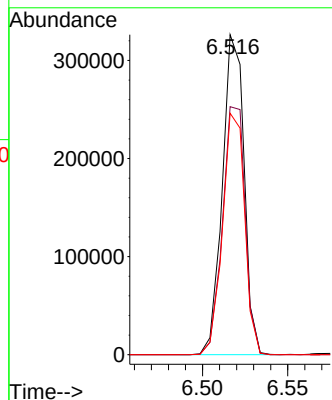
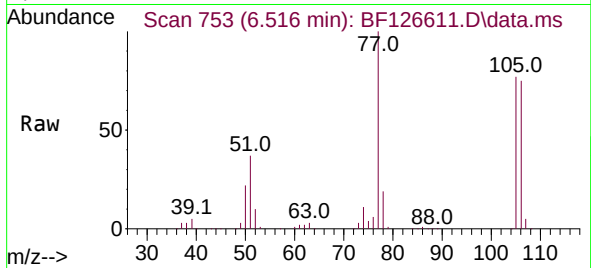




#9
Benzaldehyde
Concen: 51.201 ng
RT: 6.516 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

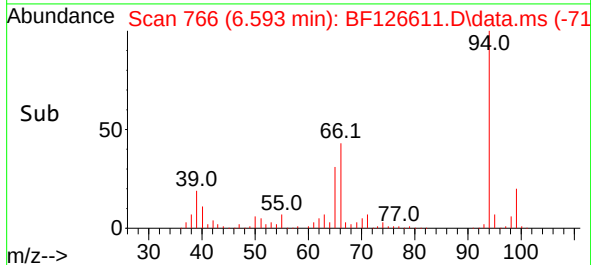
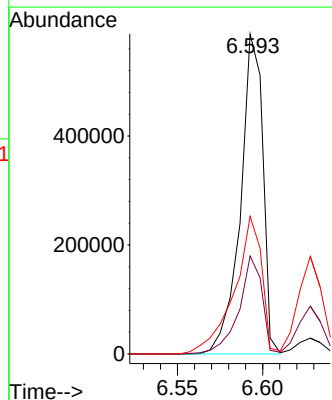
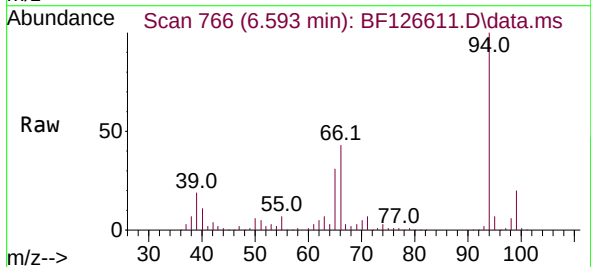
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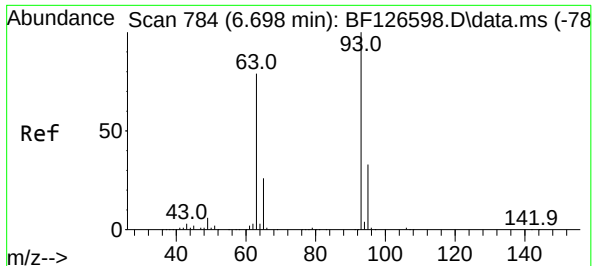
Tgt Ion: 77 Resp: 288751
Ion Ratio Lower Upper
77 100
105 77.5 74.9 114.9
106 75.4 72.4 112.4



#10
Phenol
Concen: 53.946 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion: 94 Resp: 536076
Ion Ratio Lower Upper
94 100
65 30.6 7.2 47.2
66 43.0 14.5 54.5

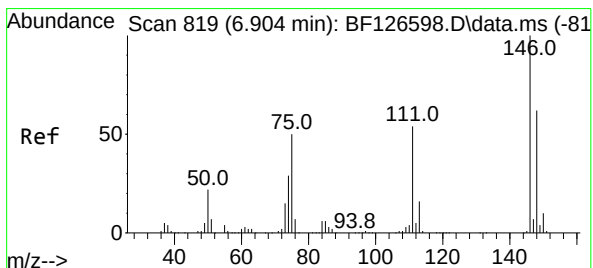
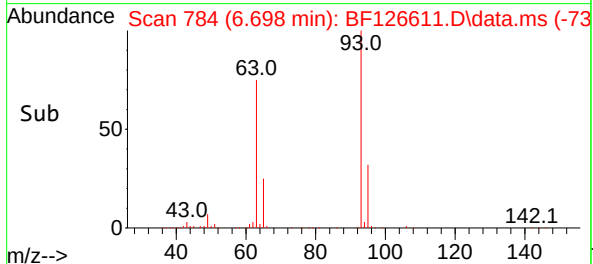
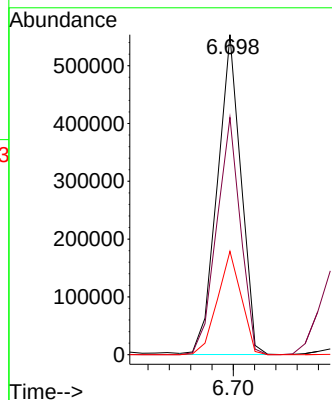
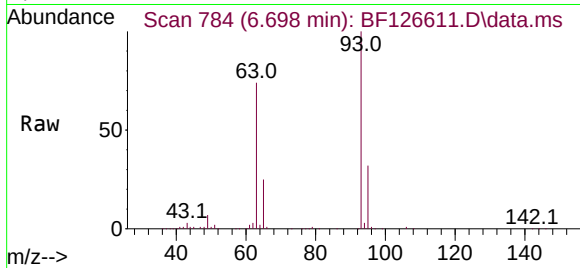




#11
bis(2-Chloroethyl)ether
Concen: 52.919 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

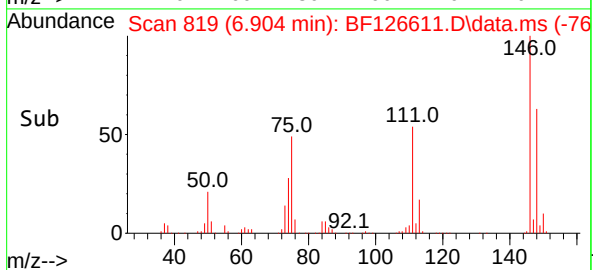
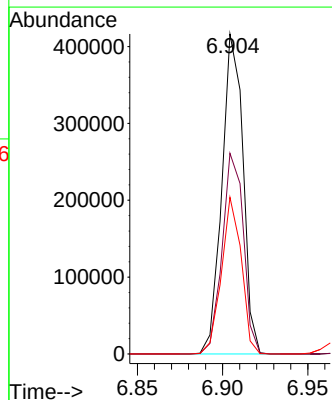
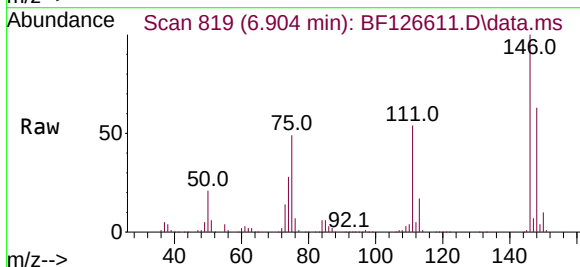
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

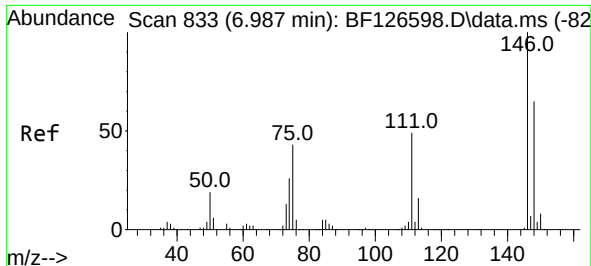
Tgt Ion: 93 Resp: 426738
Ion Ratio Lower Upper
93 100
63 74.2 60.5 100.5
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.268 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion: 146 Resp: 357898
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 49.0 28.4 42.6#

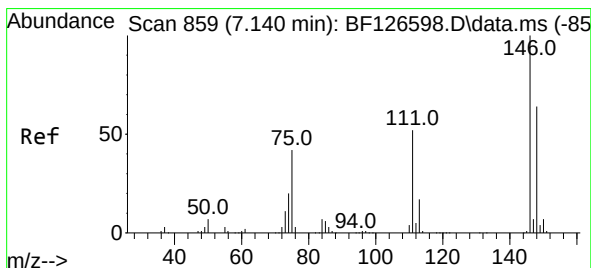
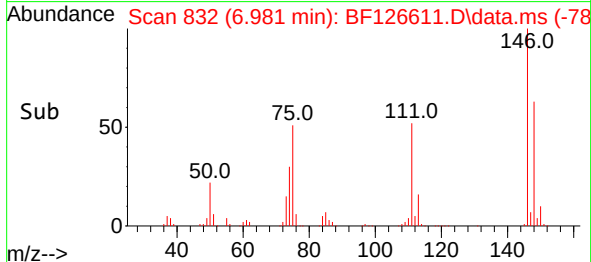
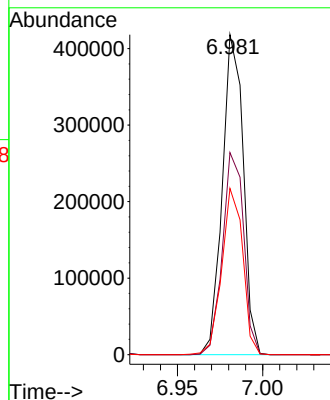
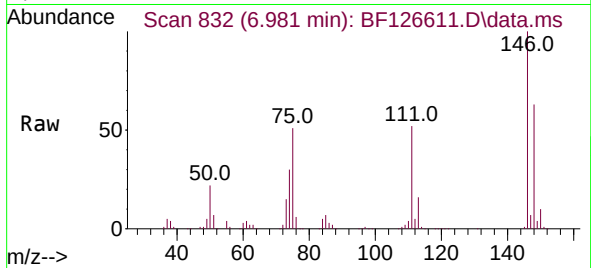




#13
1,4-Dichlorobenzene
Concen: 51.621 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

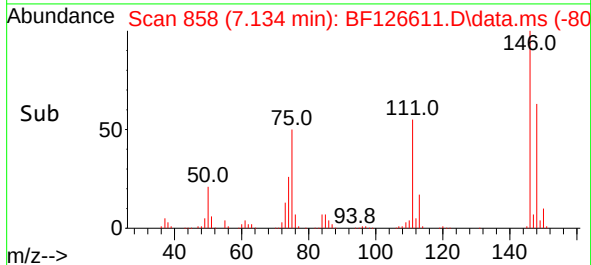
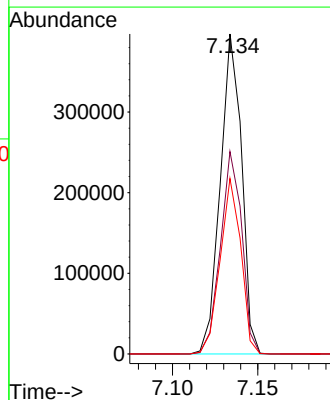
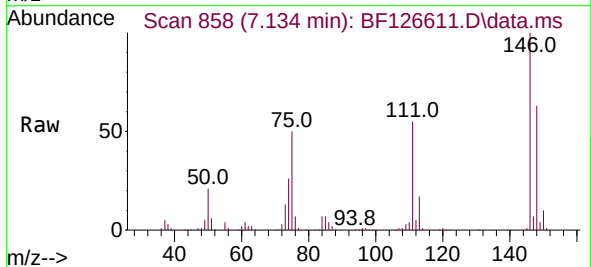
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

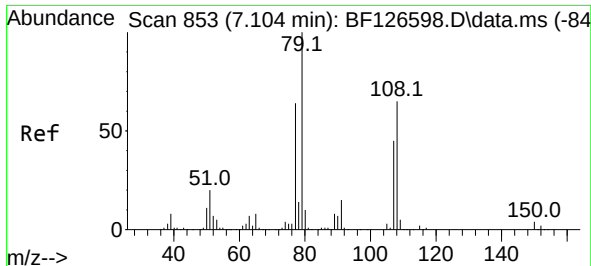
Tgt Ion:146 Resp: 356939
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.6
111 52.0 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 52.946 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:146 Resp: 345141
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 54.9 40.2 60.2

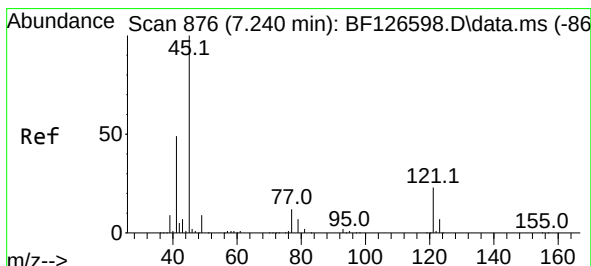
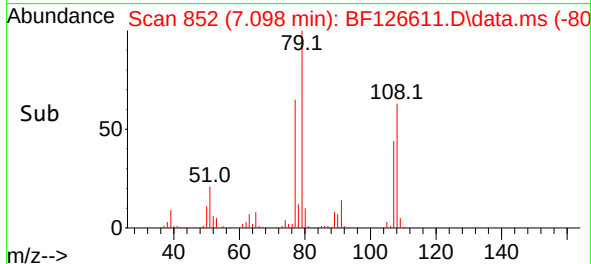
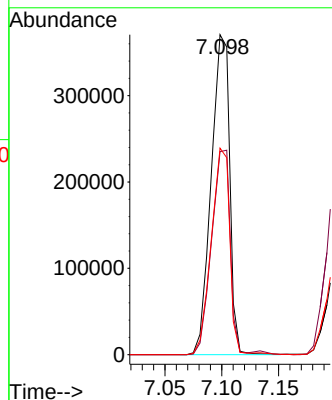
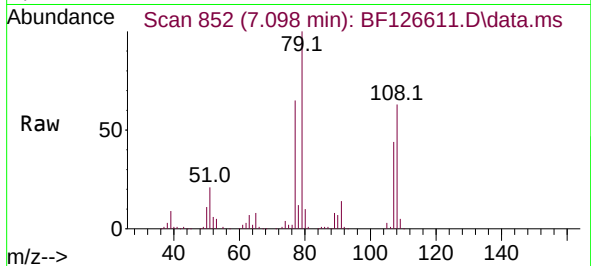




#15
Benzyl Alcohol
Concen: 50.230 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

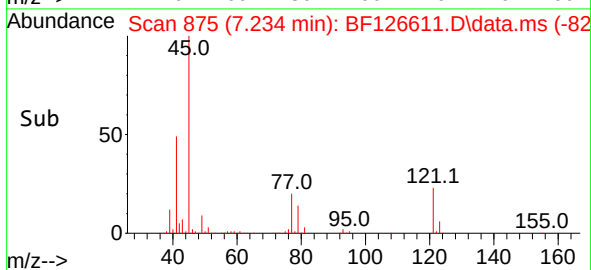
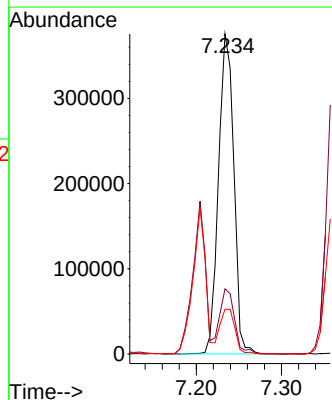
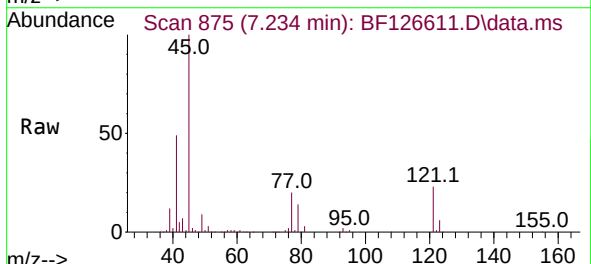
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

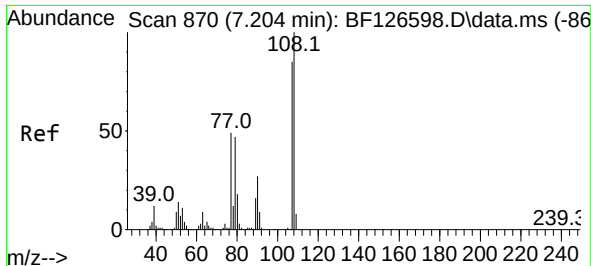
Tgt Ion: 79 Resp: 418408
Ion Ratio Lower Upper
79 100
108 63.5 63.2 94.8
77 64.6 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.010 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion: 45 Resp: 469301
Ion Ratio Lower Upper
45 100
77 20.3 0.0 32.4
79 14.0 0.0 29.8

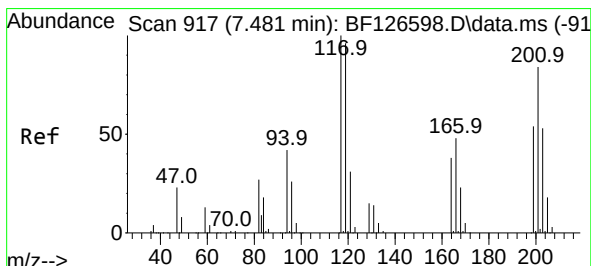
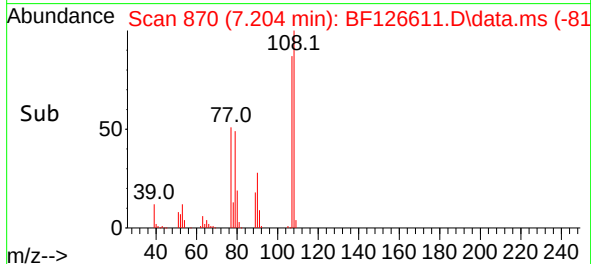
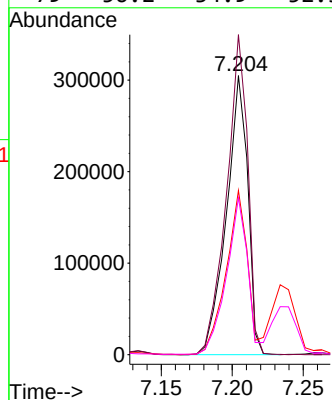
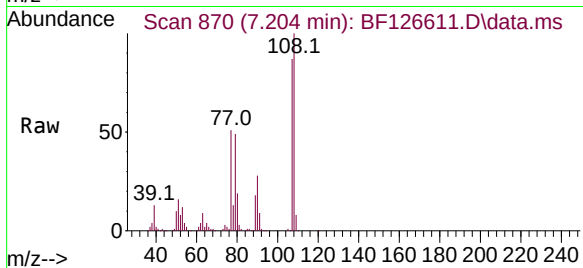




#17
2-Methylphenol
Concen: 52.294 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

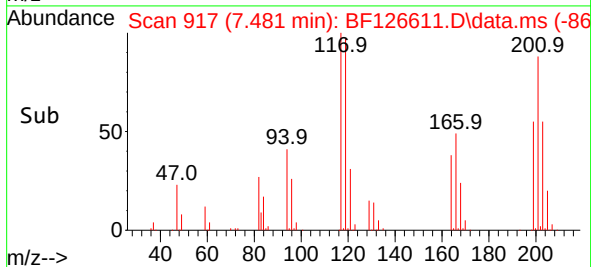
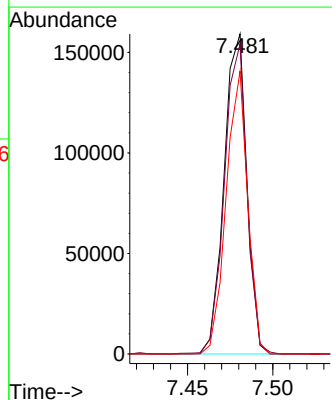
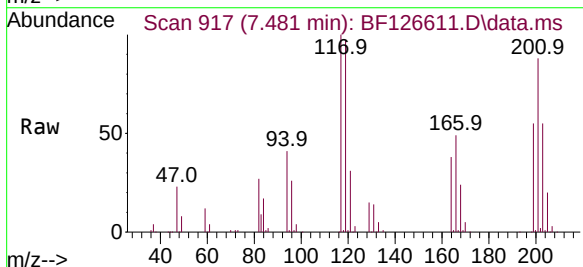
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

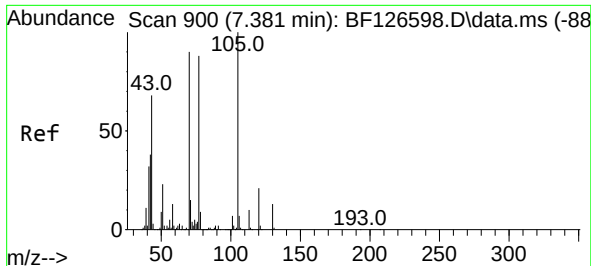
Tgt Ion:107 Resp: 317112
Ion Ratio Lower Upper
107 100
108 114.6 93.4 140.0
77 58.8 36.1 54.1#
79 56.2 34.9 52.3#



#18
Hexachloroethane
Concen: 53.063 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:117 Resp: 148149
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0
201 88.3 56.8 85.2#





#19

n-Nitroso-di-n-propylamine

Concen: 49.836 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

Tgt Ion: 70 Resp: 339838

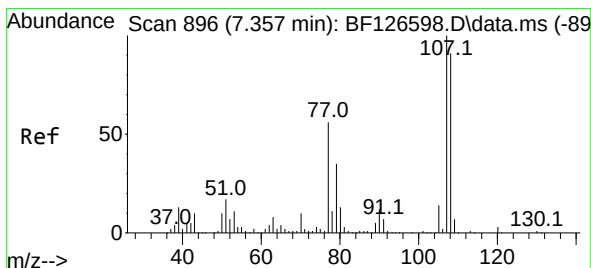
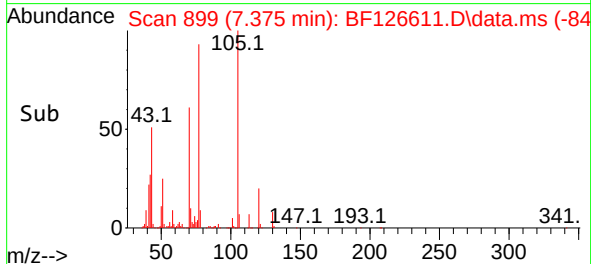
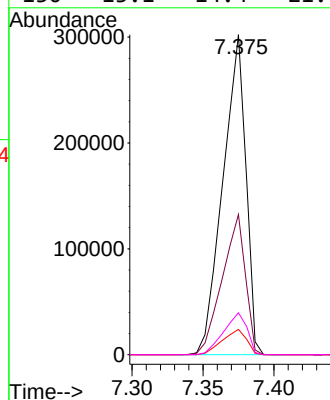
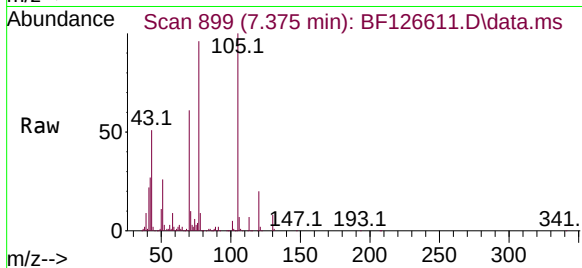
Ion Ratio Lower Upper

70 100

42 43.8 45.8 68.8#

101 7.9 6.9 10.3

130 13.1 14.4 21.6#



#20

3+4-Methylphenols

Concen: 50.644 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Tgt Ion:107 Resp: 398206

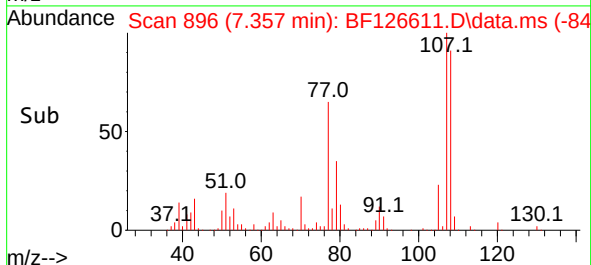
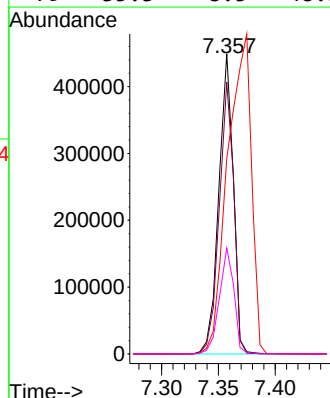
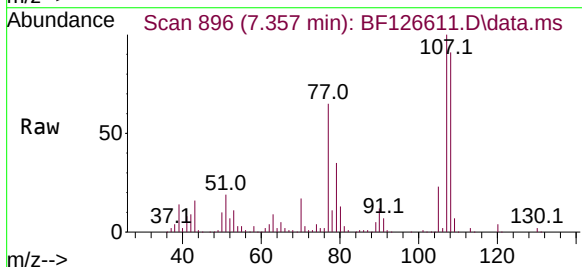
Ion Ratio Lower Upper

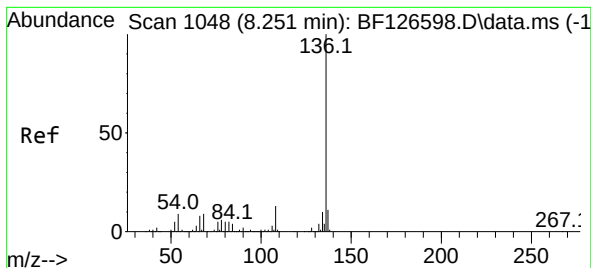
107 100

108 90.6 72.4 112.4

77 65.1 83.8 123.8#

79 35.3 8.5 48.5

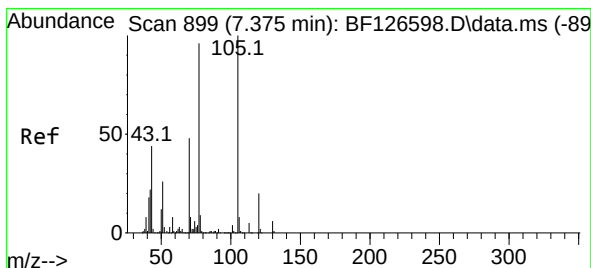
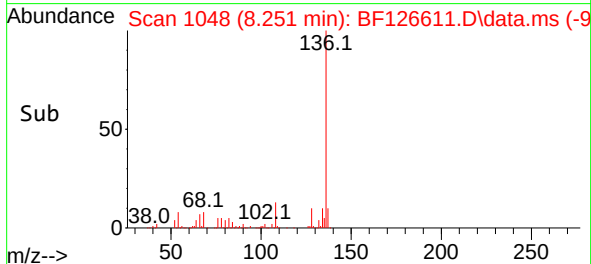
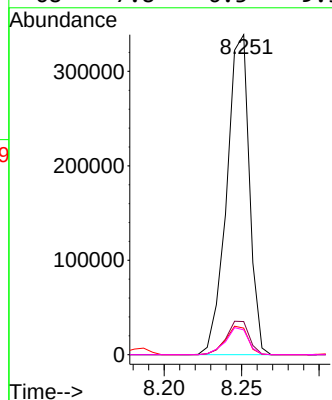
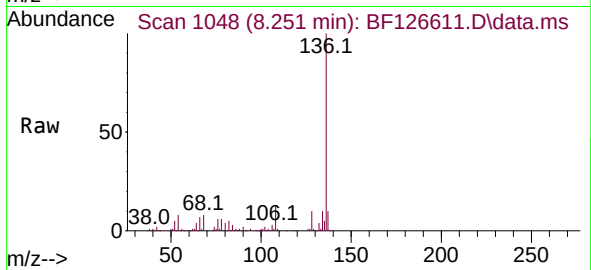




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

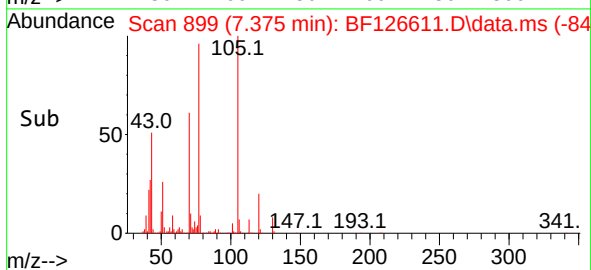
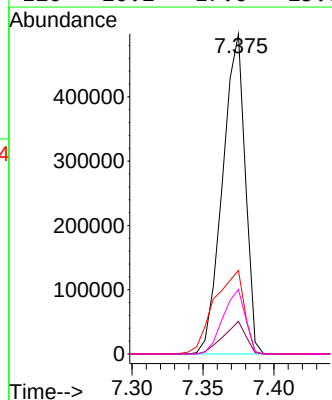
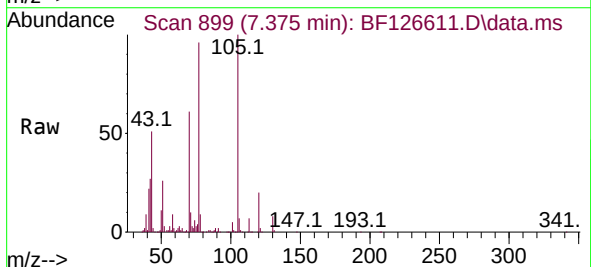
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

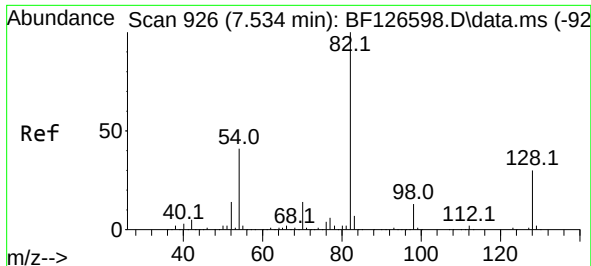
Tgt Ion:	136	Resp:	344238
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.3	7.8	11.6
68	7.8	6.3	9.5



#22
Acetophenone
Concen: 52.093 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:	105	Resp:	552625
Ion	Ratio	Lower	Upper
105	100		
71	10.2	5.4	8.0#
51	26.1	27.4	41.0#
120	20.2	17.0	25.6

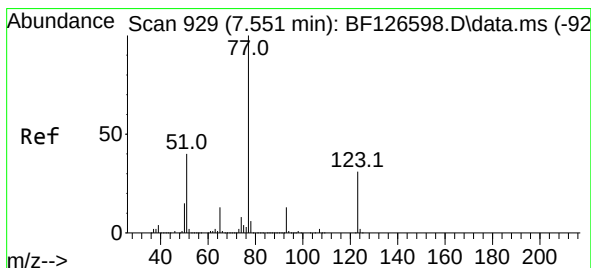
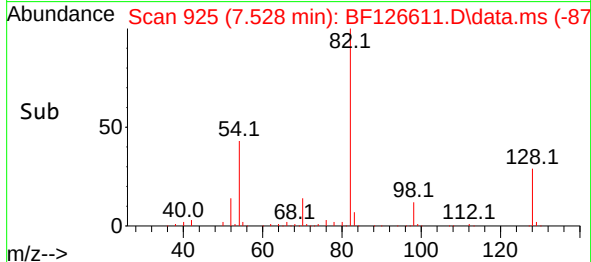
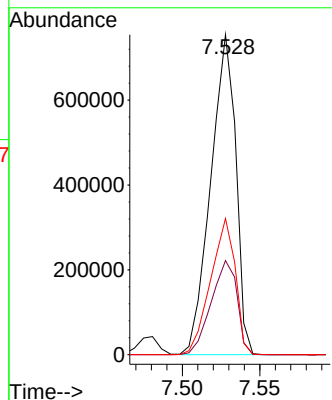
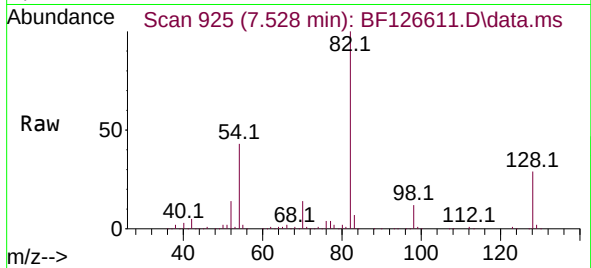




#23
Nitrobenzene-d5
Concen: 96.623 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

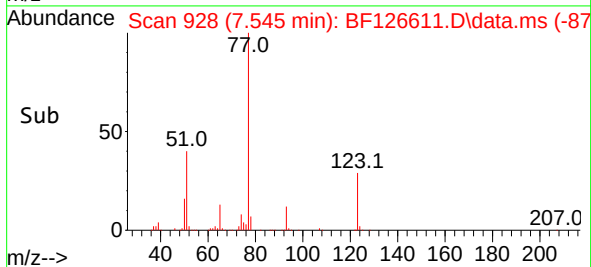
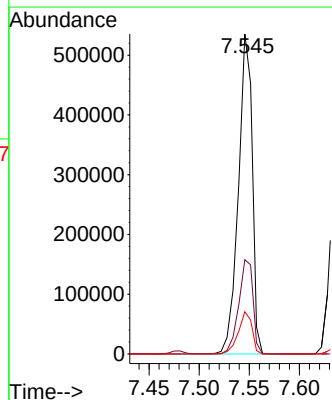
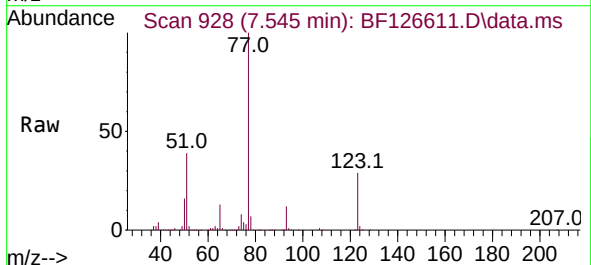
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

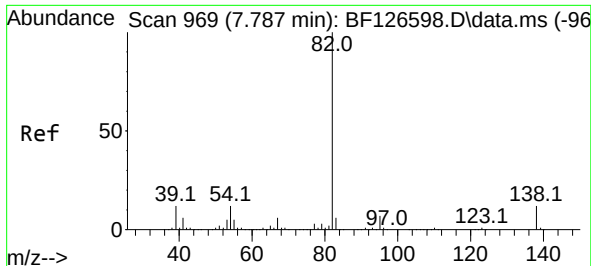
Tgt Ion: 82 Resp: 849780
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1#
54 42.5 41.7 62.5



#24
Nitrobenzene
Concen: 56.933 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion: 77 Resp: 516907
Ion Ratio Lower Upper
77 100
123 29.4 34.6 52.0#
65 13.2 10.6 15.8

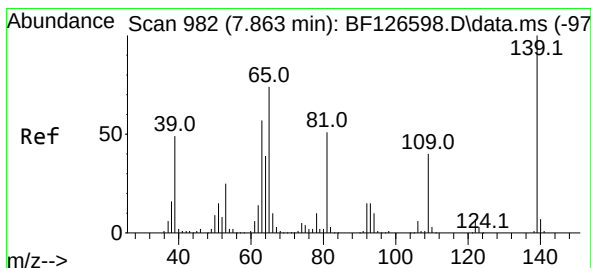
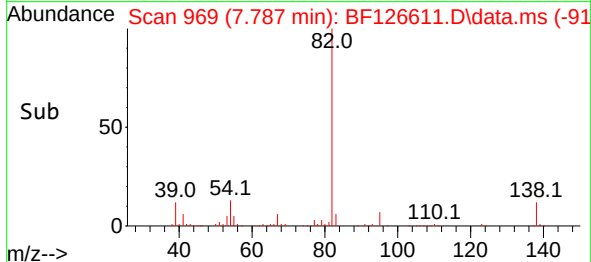
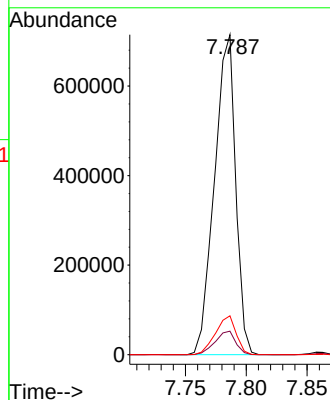
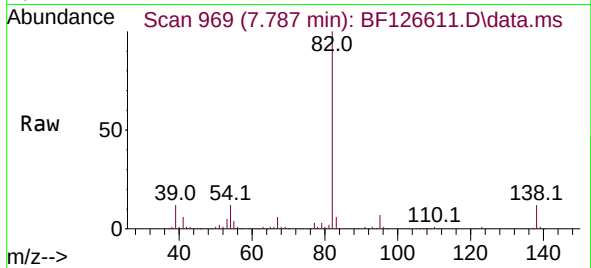




#25
Isophorone
Concen: 50.749 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

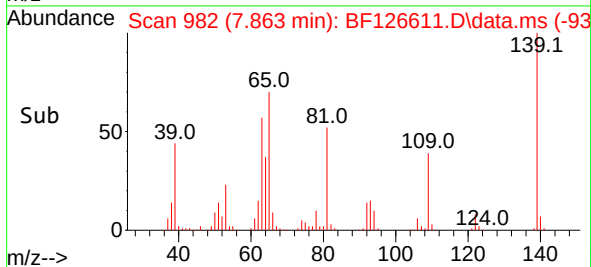
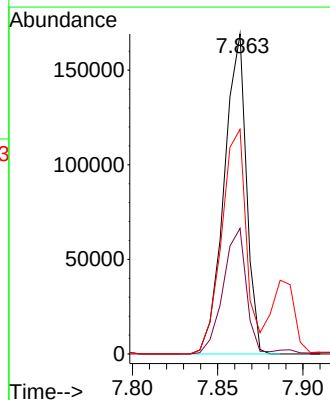
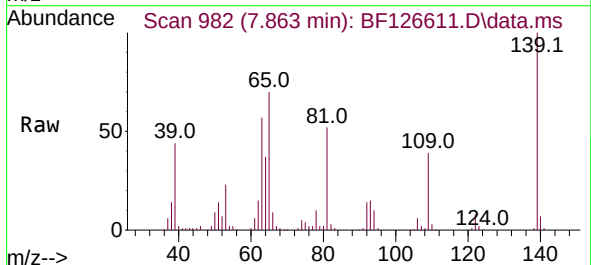
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

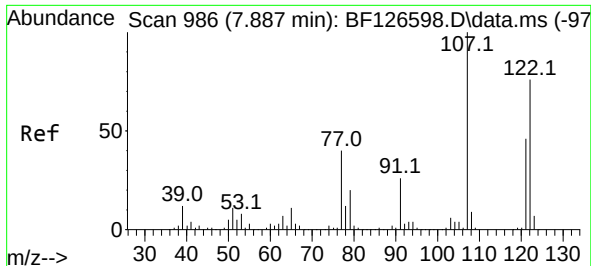
Tgt Ion: 82 Resp: 865584
Ion Ratio Lower Upper
82 100
95 7.4 5.0 7.4
138 12.1 12.3 18.5#



#26
2-Nitrophenol
Concen: 64.875 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:139 Resp: 153649
Ion Ratio Lower Upper
139 100
109 39.3 20.0 30.0#
65 70.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 56.941 ng

RT: 7.893 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

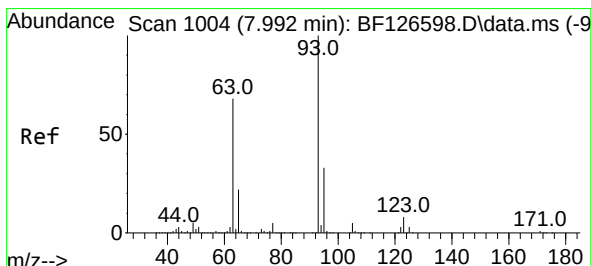
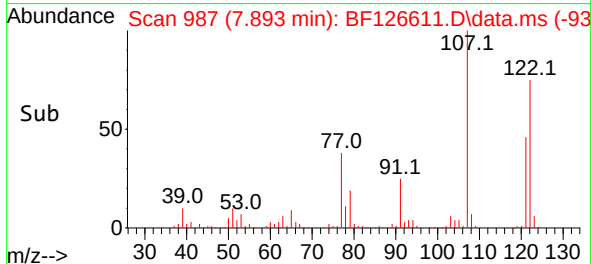
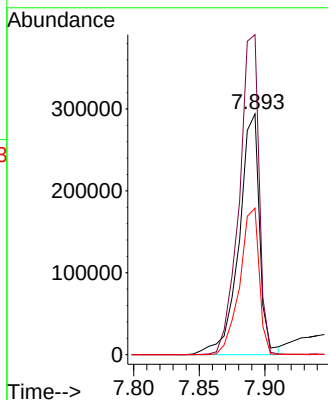
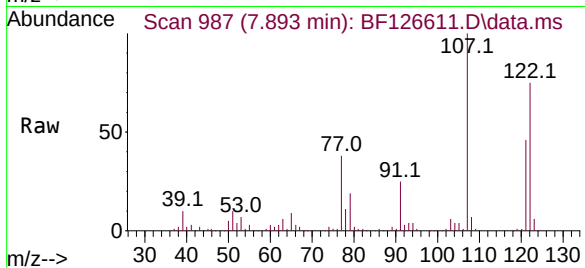
Tgt Ion:122 Resp: 320037

Ion Ratio Lower Upper

122 100

107 133.0 91.2 136.8

121 60.9 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.289 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

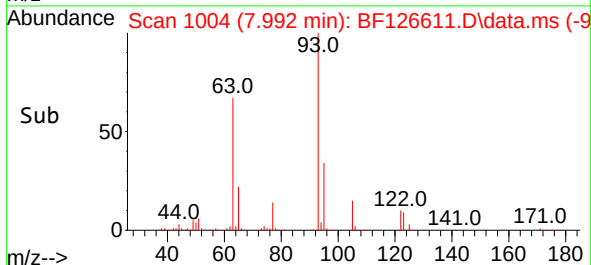
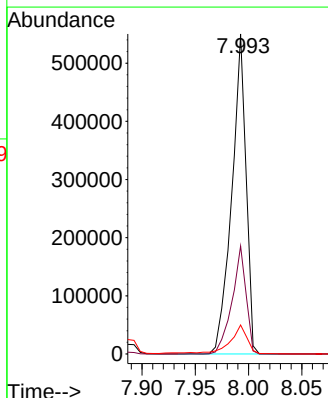
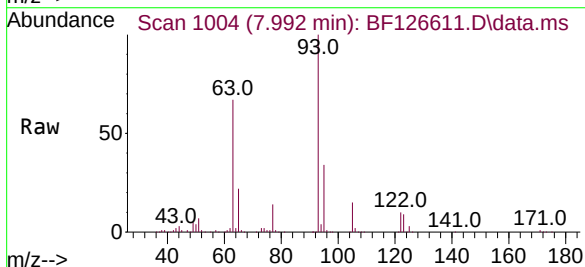
Tgt Ion: 93 Resp: 513678

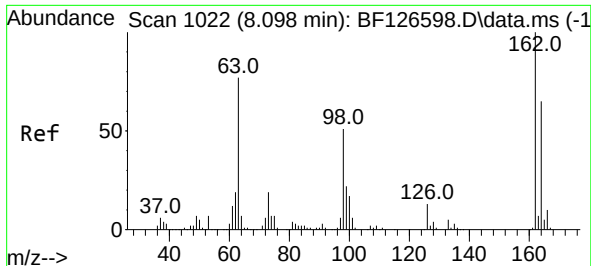
Ion Ratio Lower Upper

93 100

95 33.7 25.4 38.2

123 9.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.830 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF126611.D

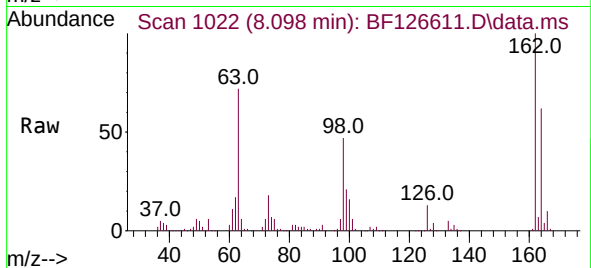
Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS



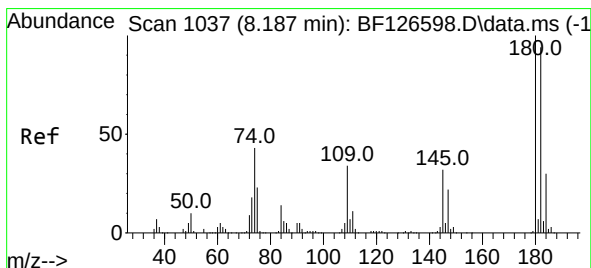
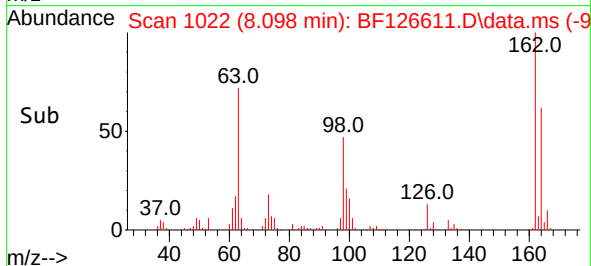
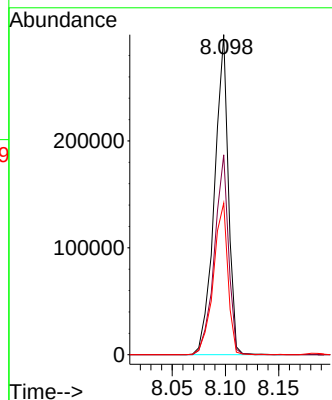
Tgt Ion:162 Resp: 270998

Ion Ratio Lower Upper

162 100

164 62.4 43.8 83.8

98 47.3 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 49.521 ng

RT: 8.187 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

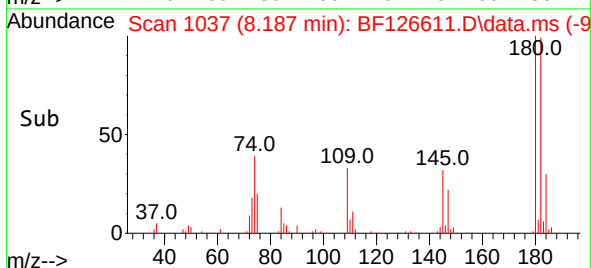
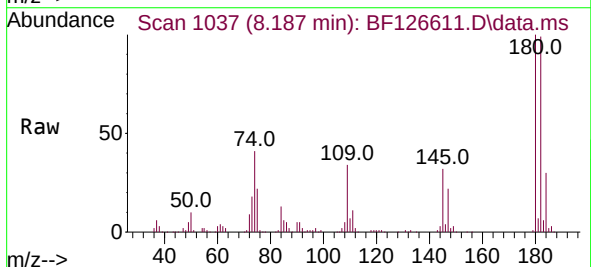
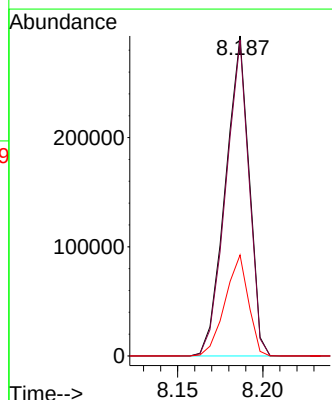
Tgt Ion:180 Resp: 283135

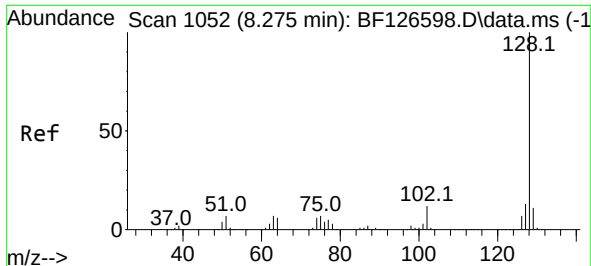
Ion Ratio Lower Upper

180 100

182 98.7 75.5 113.3

145 31.5 26.2 39.2

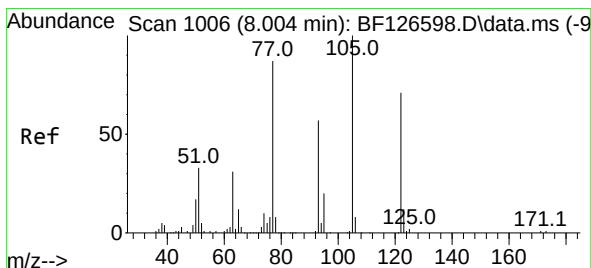
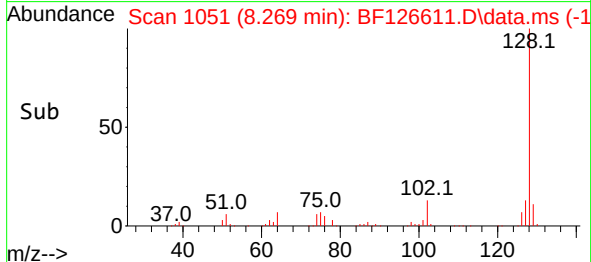
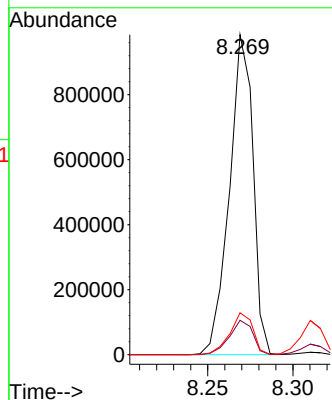
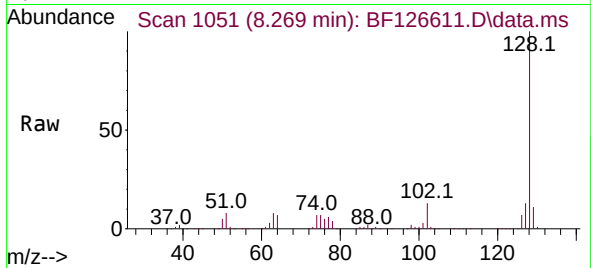




#31
Naphthalene
Concen: 51.139 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

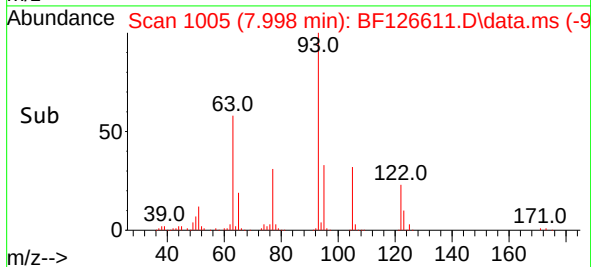
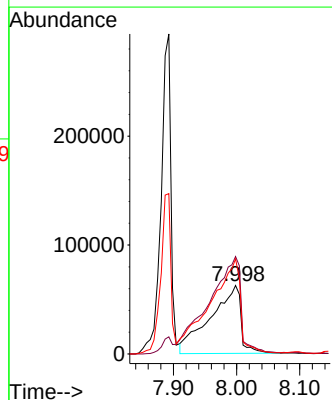
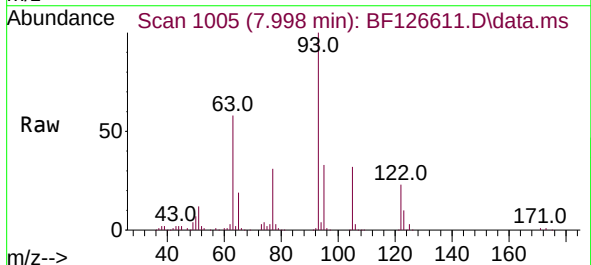
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

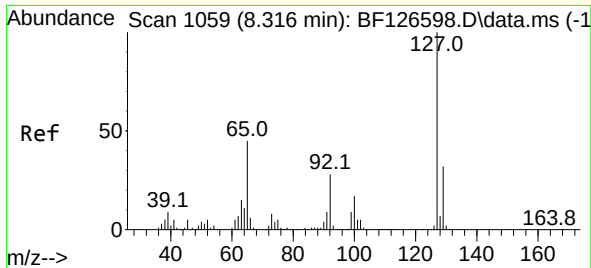
Tgt Ion:128 Resp: 950994
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 66.040 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:122 Resp: 210553
Ion Ratio Lower Upper
122 100
105 142.2 101.0 141.0#
77 138.7 74.5 114.5#

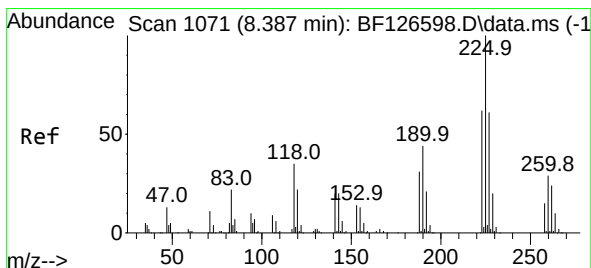
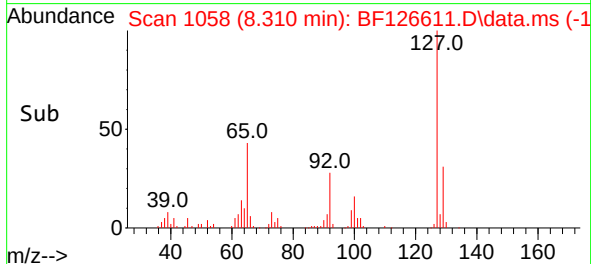
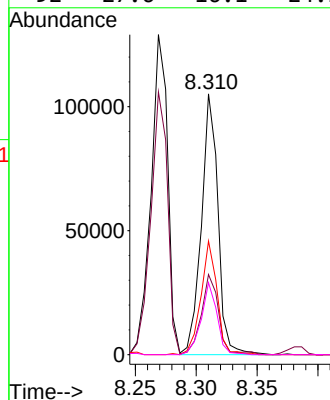
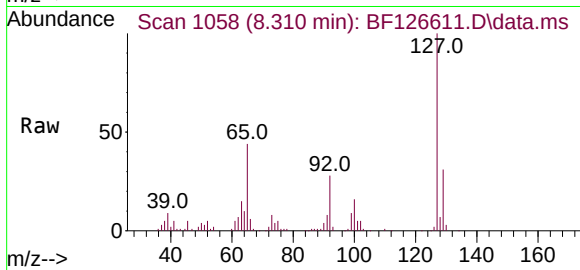




#33
4-Chloroaniline
Concen: 13.449 ng
RT: 8.310 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

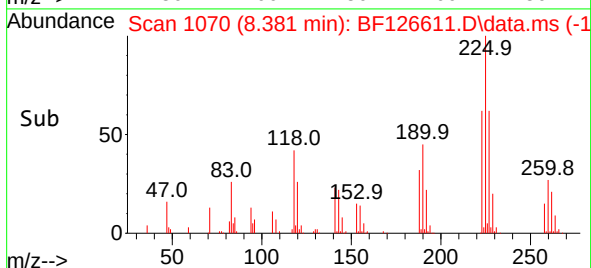
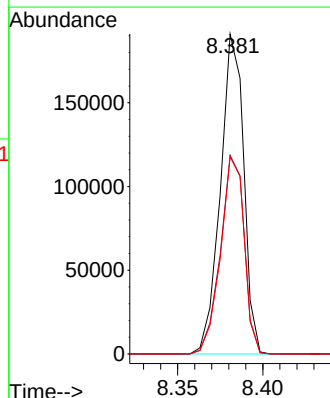
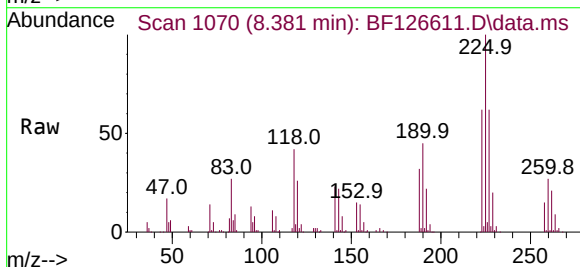
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

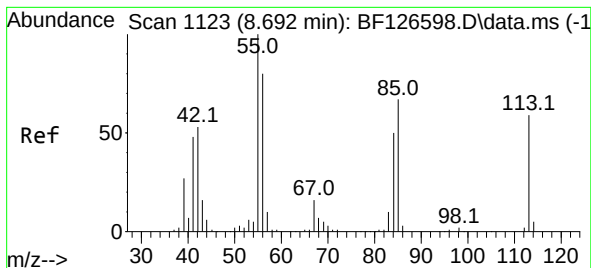
Tgt Ion:	127	Resp:	99923
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	43.6	26.6	39.8#
92	27.6	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 49.936 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:	225	Resp:	181610
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.6	73.0
227	61.6	51.4	77.0





#35

Caprolactam

Concen: 32.391 ng

RT: 8.687 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

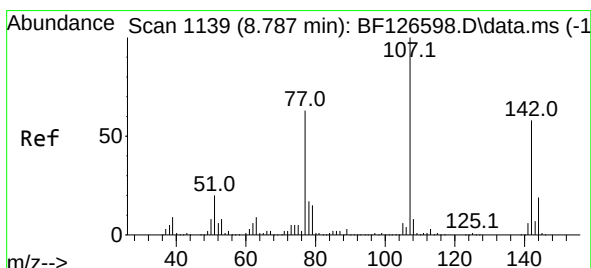
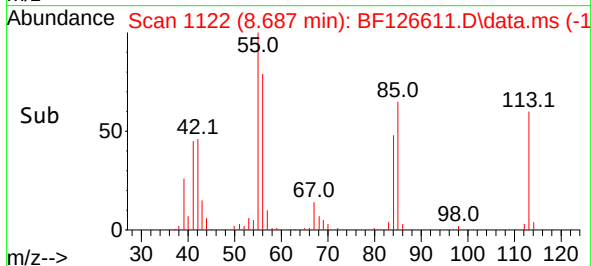
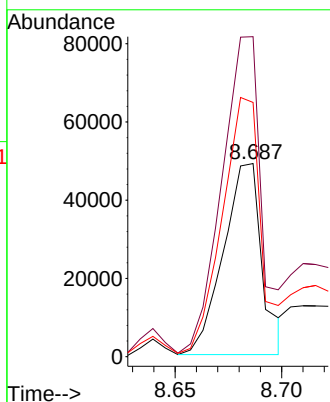
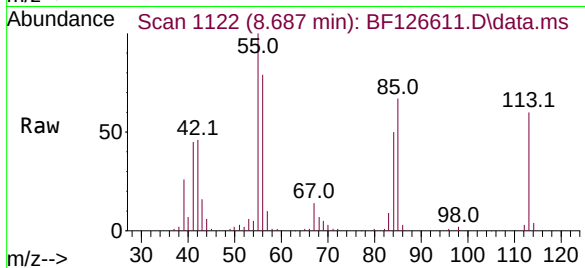
Tgt Ion:113 Resp: 61669

Ion Ratio Lower Upper

113 100

55 165.8 183.9 223.9#

56 131.7 129.9 169.9



#36

4-Chloro-3-methylphenol

Concen: 50.091 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

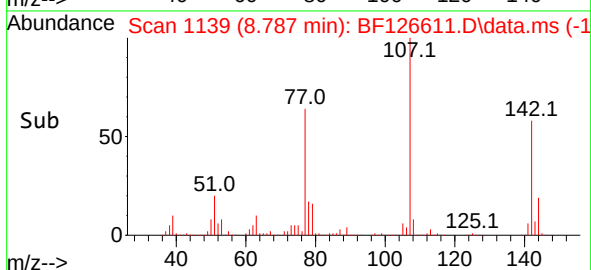
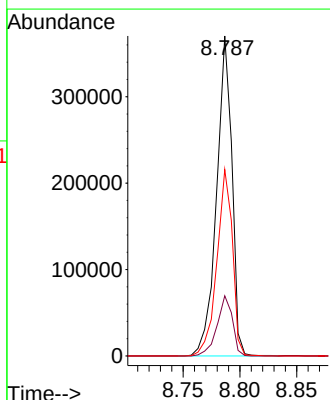
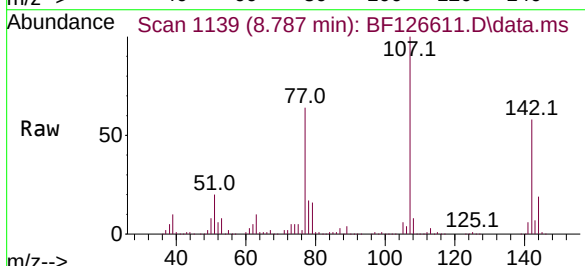
Tgt Ion:107 Resp: 349232

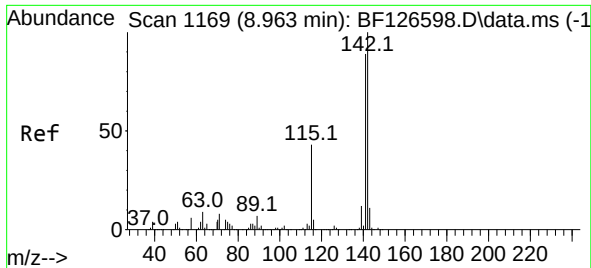
Ion Ratio Lower Upper

107 100

144 18.8 18.5 27.7

142 58.2 58.1 87.1

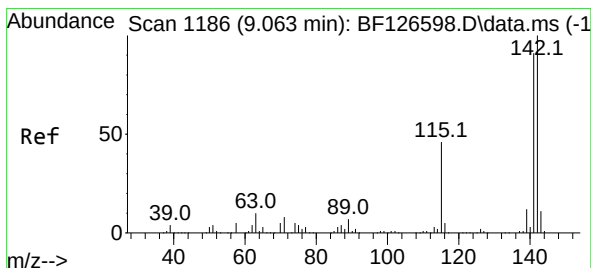
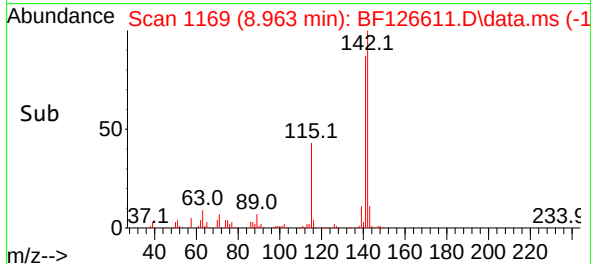
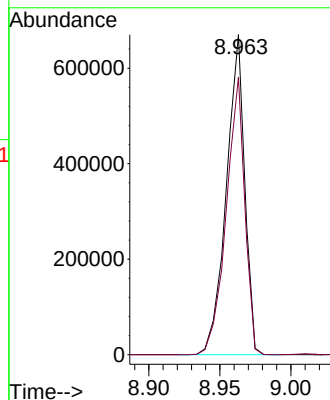
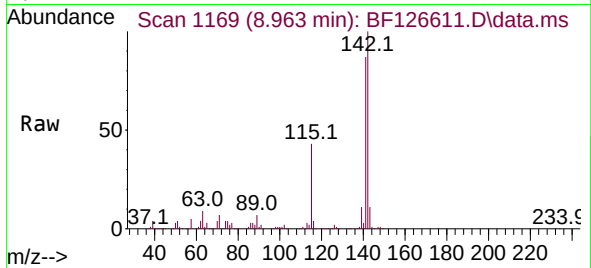




#37
2-Methylnaphthalene
Concen: 52.172 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

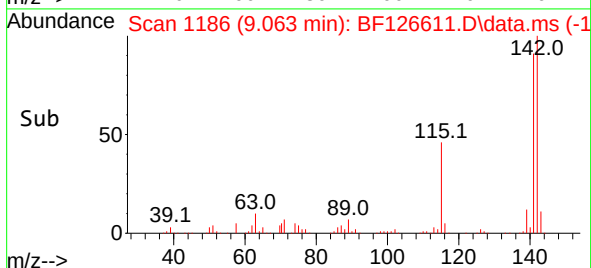
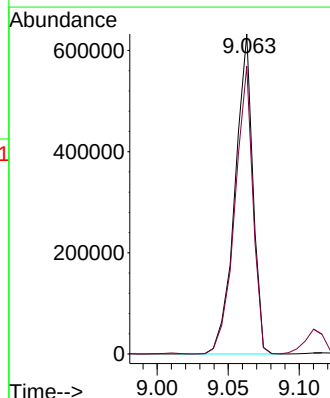
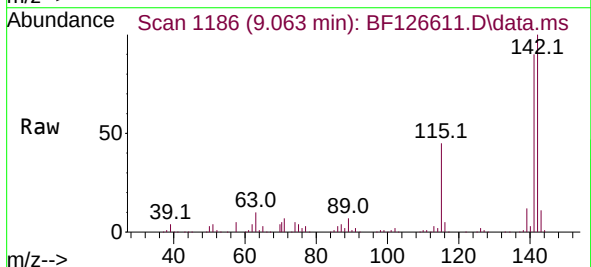
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

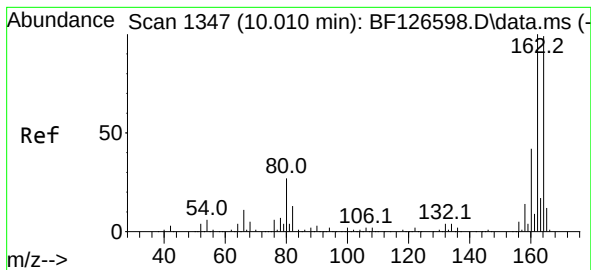
Tgt Ion:142 Resp: 603384
Ion Ratio Lower Upper
142 100
141 86.8 68.6 102.8



#38
1-Methylnaphthalene
Concen: 49.570 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:142 Resp: 555660
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1

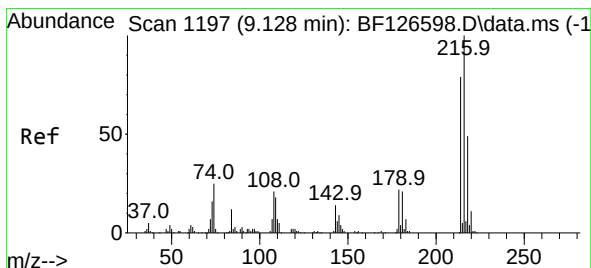
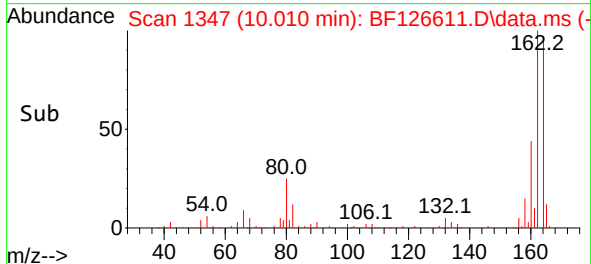
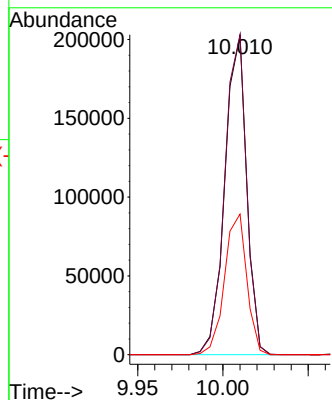
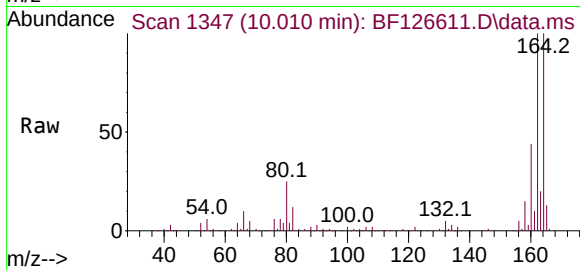




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

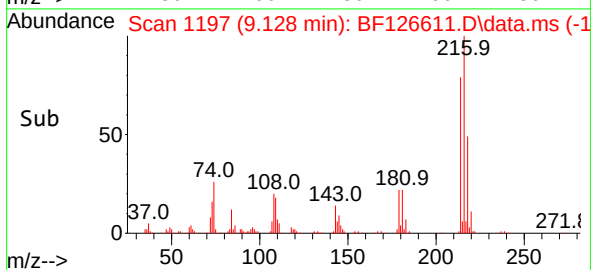
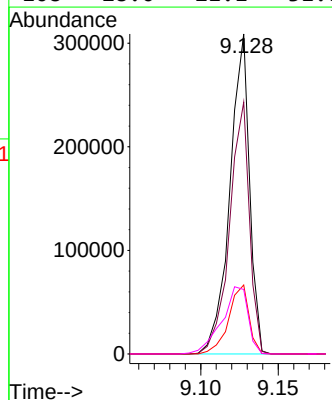
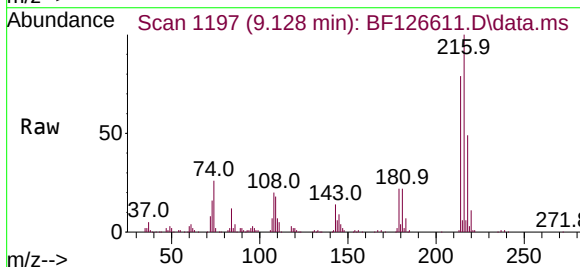
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

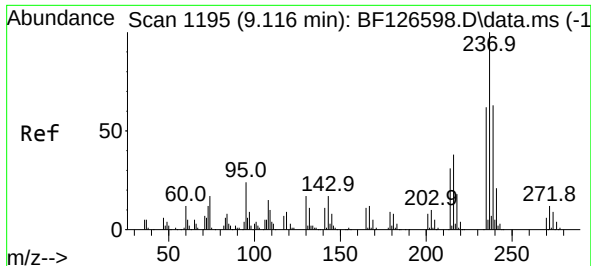
Tgt Ion:164 Resp: 180351
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.1 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.815 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:216 Resp: 272226
Ion Ratio Lower Upper
216 100
214 79.3 64.6 96.8
179 22.4 19.5 29.3
108 28.0 21.1 31.7

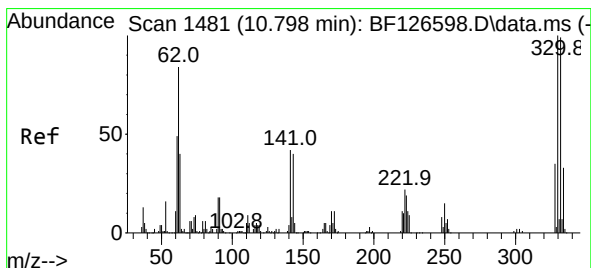
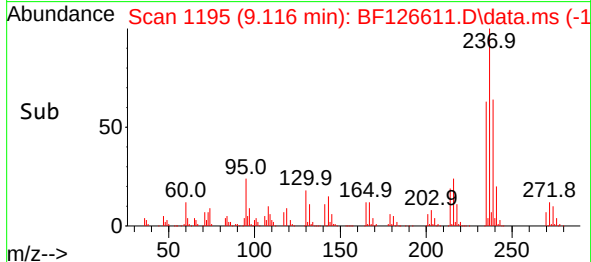
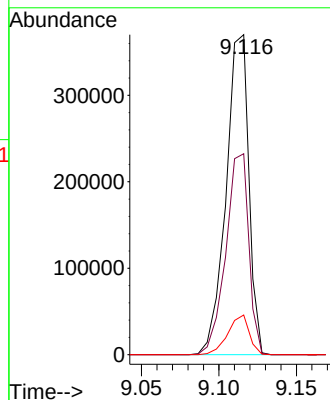
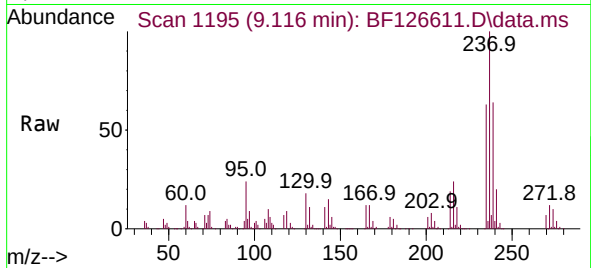




#41
Hexachlorocyclopentadiene
Concen: 123.070 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

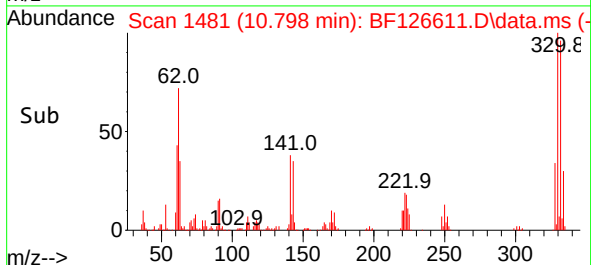
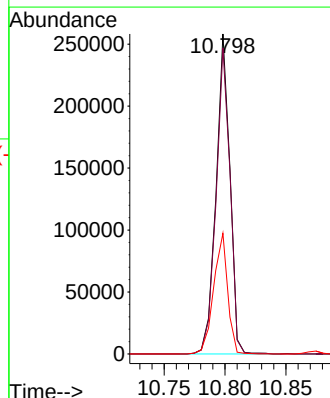
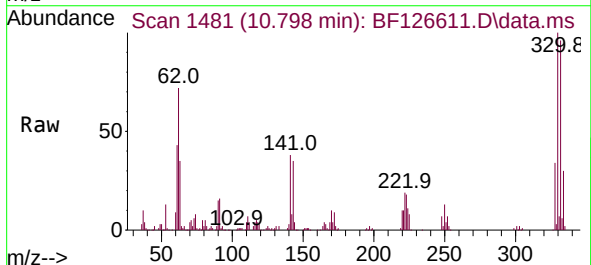
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

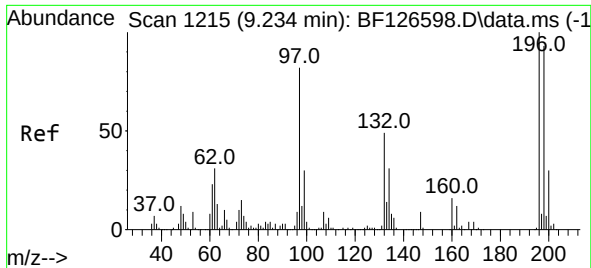
Tgt Ion:237 Resp: 379040
Ion Ratio Lower Upper
237 100
235 62.8 38.9 78.9
272 12.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 121.247 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:330 Resp: 204641
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 38.2 30.1 45.1

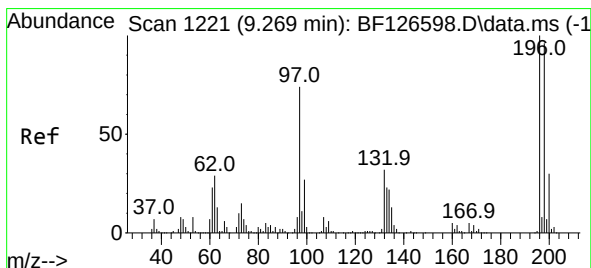
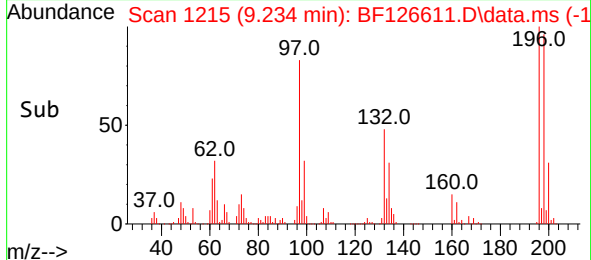
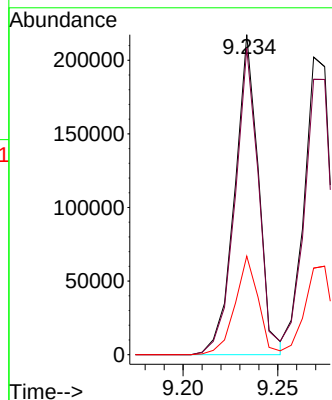
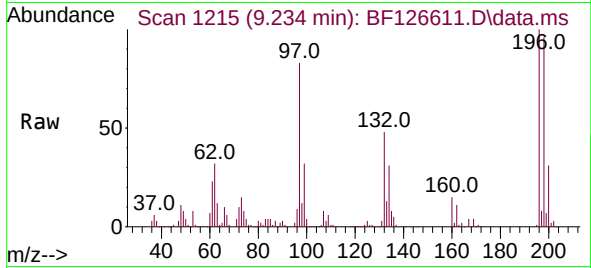




#43
2,4,6-Trichlorophenol
Concen: 52.314 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

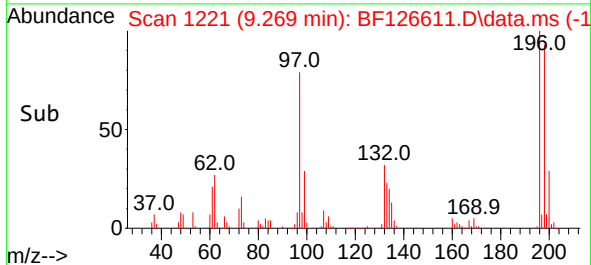
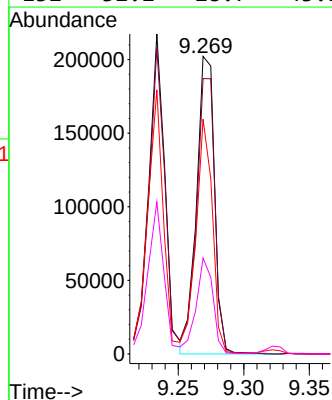
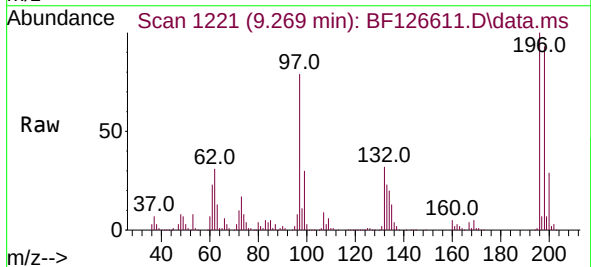
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

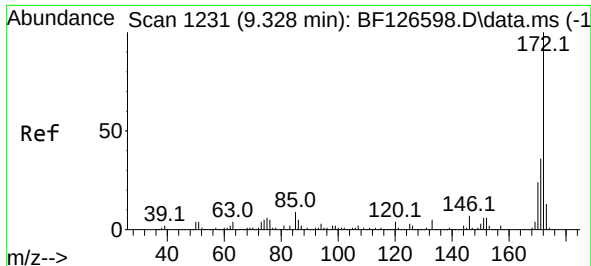
Tgt Ion:196 Resp: 188651
Ion Ratio Lower Upper
196 100
198 95.7 78.5 117.7
200 30.8 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 52.020 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:196 Resp: 194282
Ion Ratio Lower Upper
196 100
198 92.5 82.0 123.0
97 78.8 53.5 80.3
132 32.2 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 83.192 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

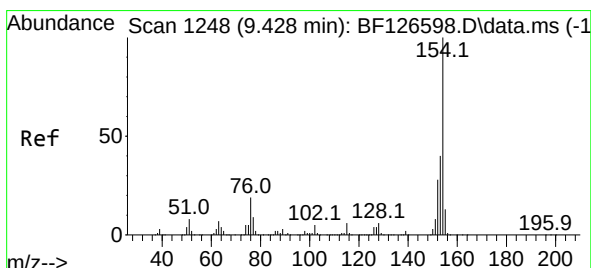
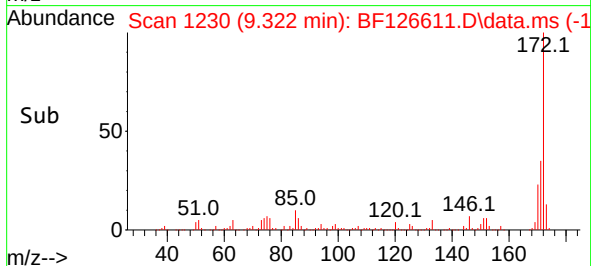
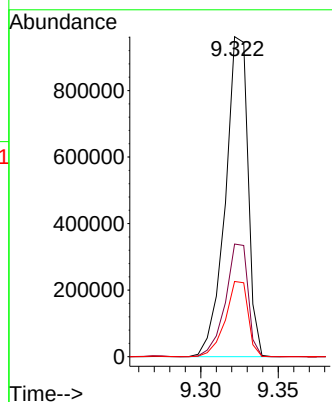
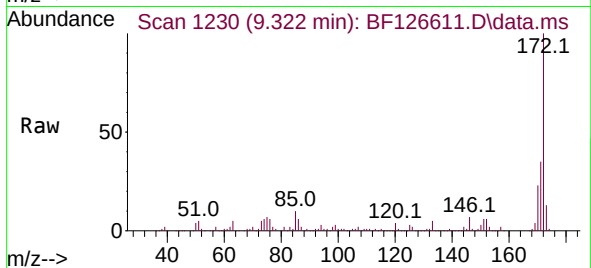
Tgt Ion:172 Resp: 979676

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 53.644 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

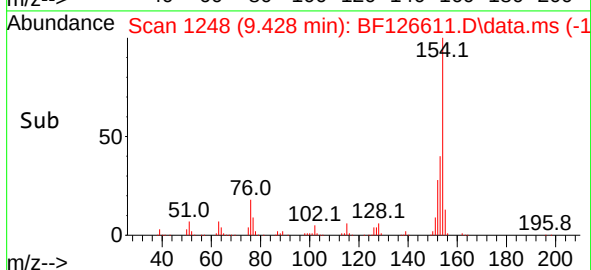
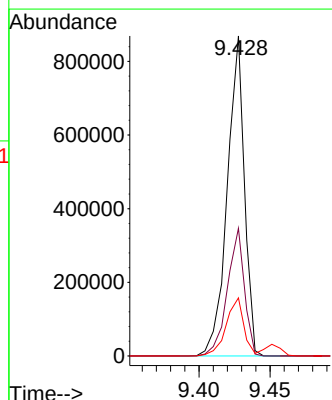
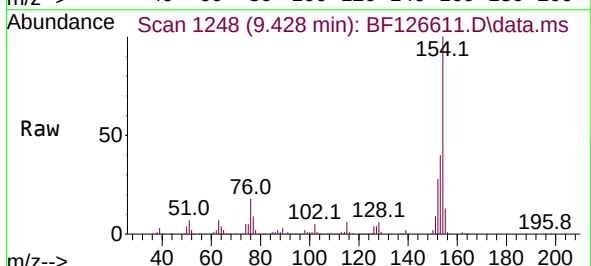
Tgt Ion:154 Resp: 728872

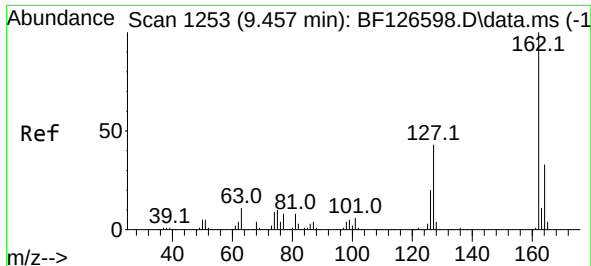
Ion Ratio Lower Upper

154 100

153 39.9 19.0 59.0

76 18.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 52.227 ng

RT: 9.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

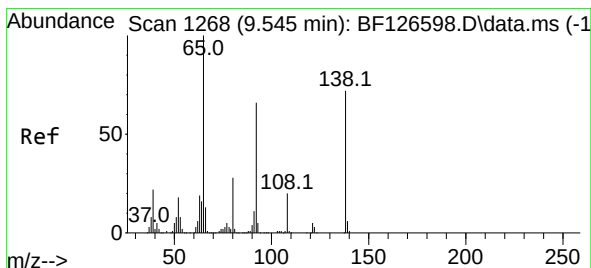
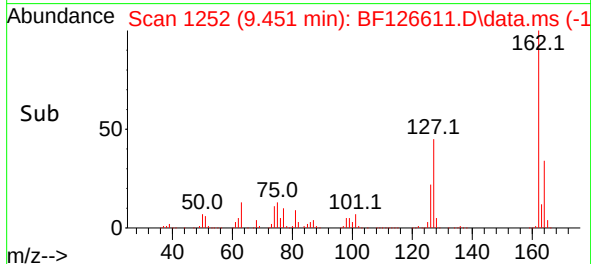
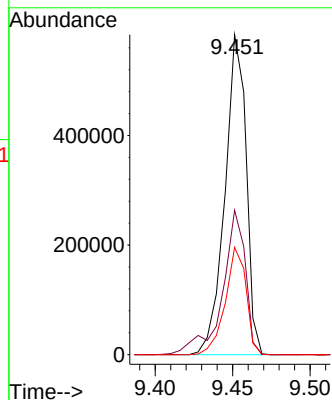
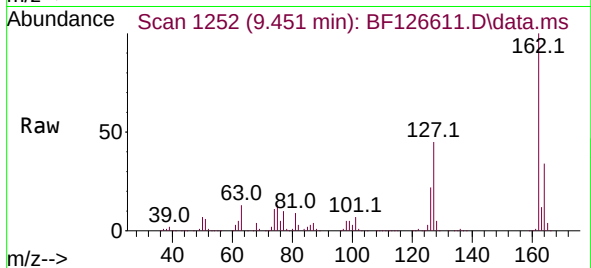
Tgt Ion:162 Resp: 557520

Ion Ratio Lower Upper

162 100

127 45.2 33.5 50.3

164 33.5 26.2 39.4



#48

2-Nitroaniline

Concen: 63.598 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

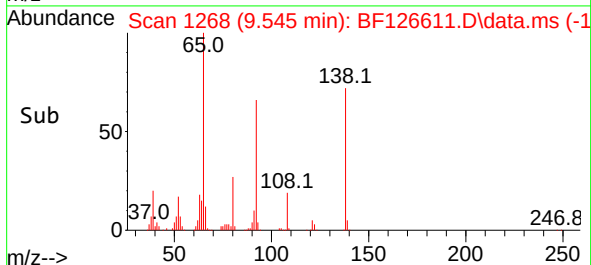
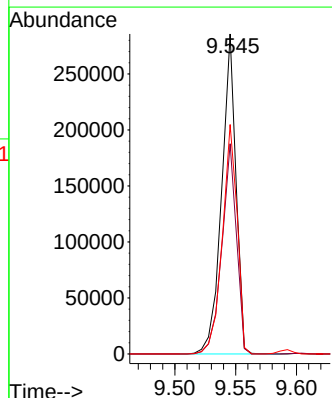
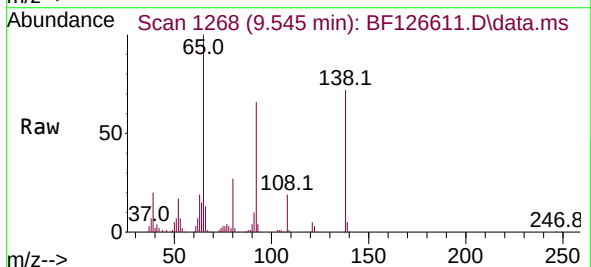
Tgt Ion: 65 Resp: 234407

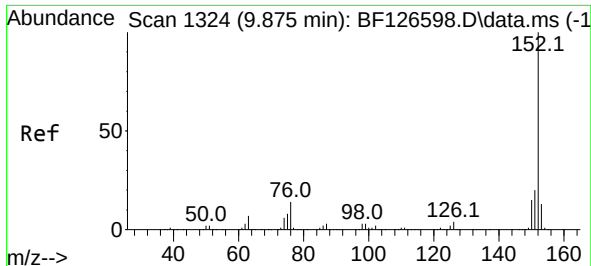
Ion Ratio Lower Upper

65 100

92 65.7 54.4 81.6

138 71.7 72.5 108.7#

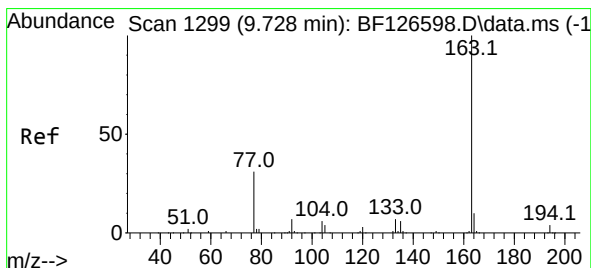
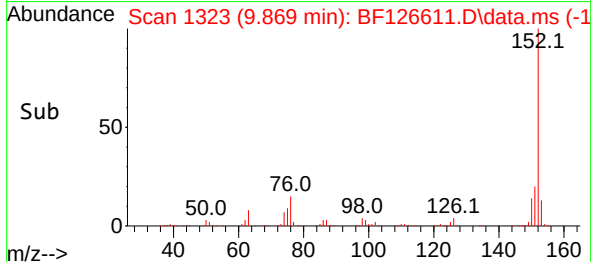
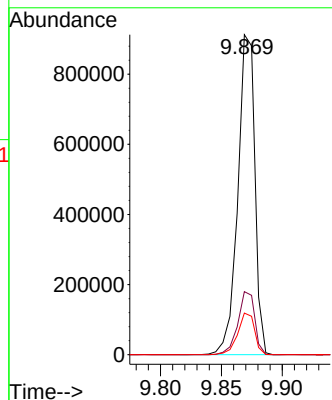
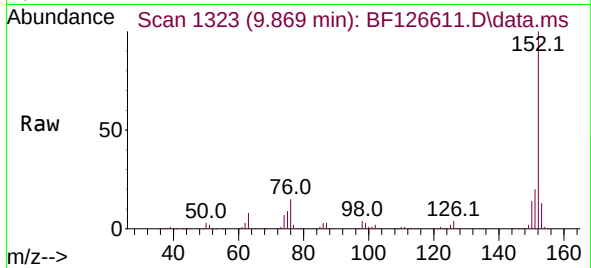




#49
Acenaphthylene
Concen: 53.146 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

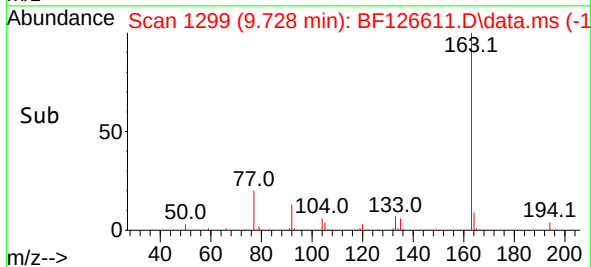
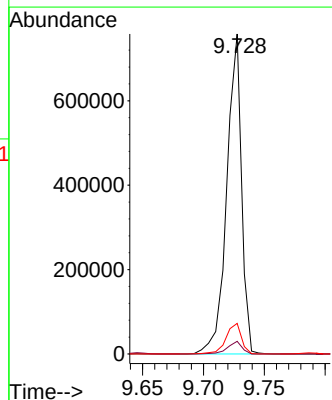
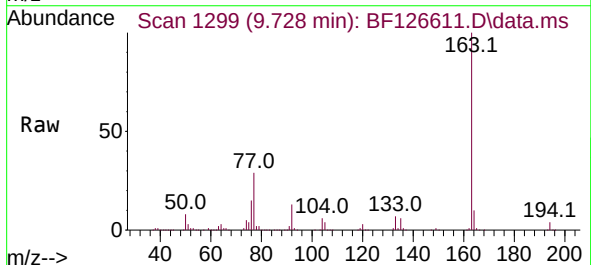
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

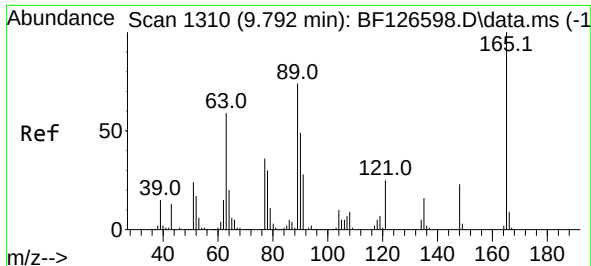
Tgt Ion:152 Resp: 889945
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 11.4 17.0



#50
Dimethylphthalate
Concen: 49.986 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:163 Resp: 639400
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 9.5 7.8 11.8

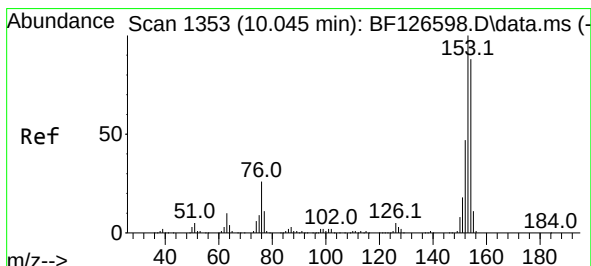
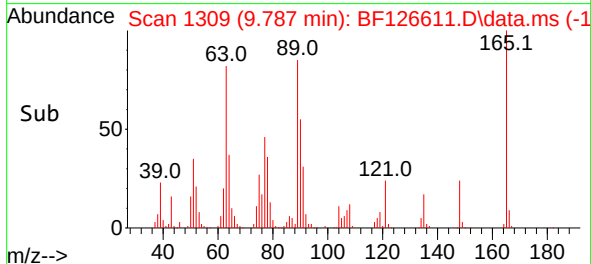
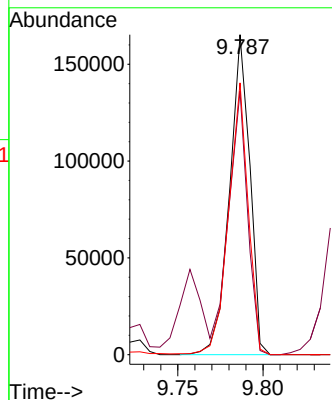
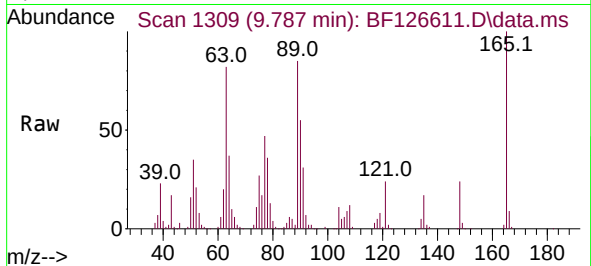




#51
2,6-Dinitrotoluene
Concen: 61.698 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

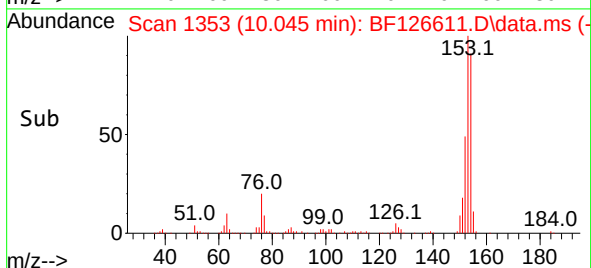
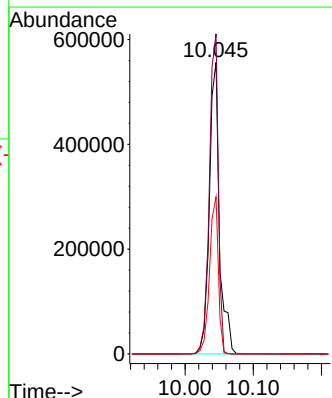
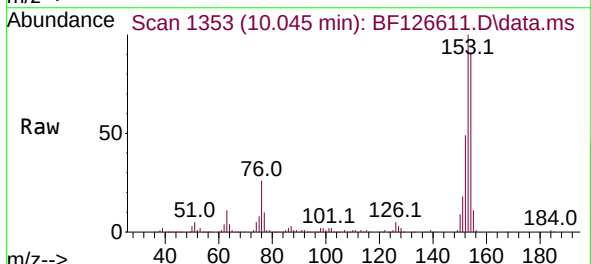
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

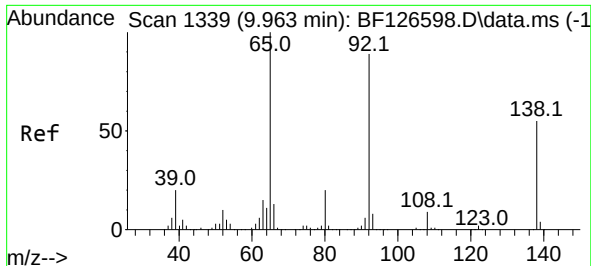
Tgt Ion:165 Resp: 136375
Ion Ratio Lower Upper
165 100
63 82.5 48.4 72.6#
89 84.9 50.5 75.7#



#52
Acenaphthene
Concen: 56.381 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:154 Resp: 577183
Ion Ratio Lower Upper
154 100
153 109.7 87.8 131.6
152 53.8 39.4 59.2

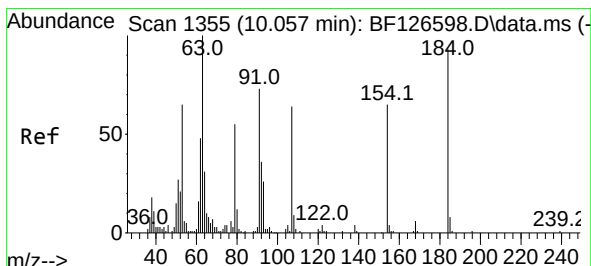
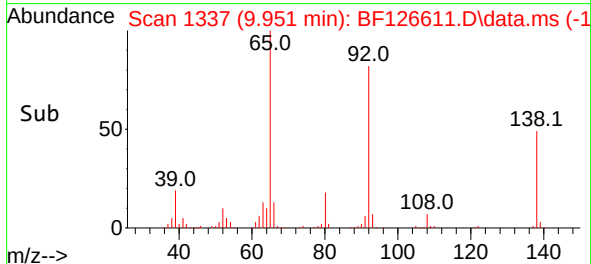
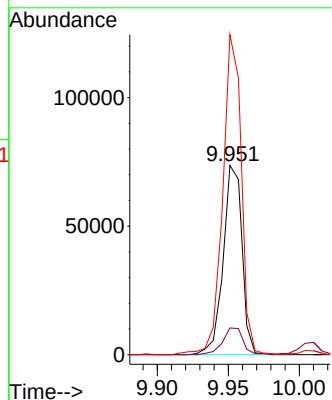
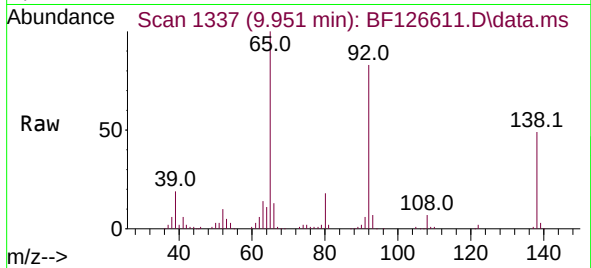




#53
3-Nitroaniline
Concen: 26.670 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

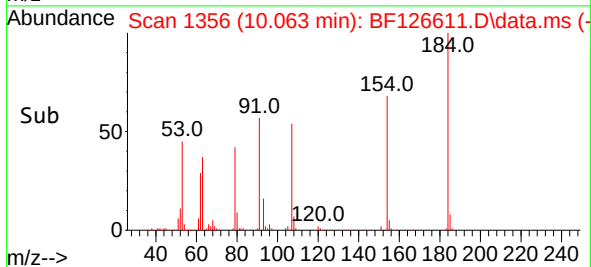
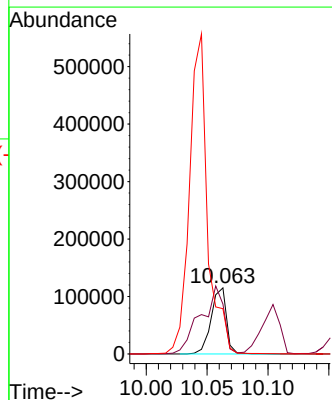
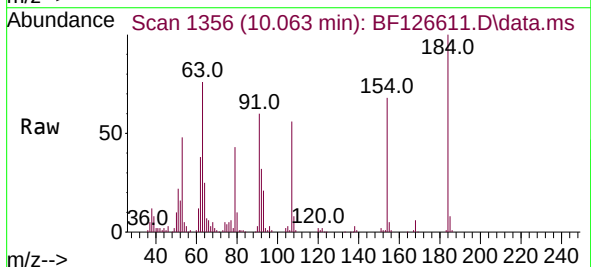
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

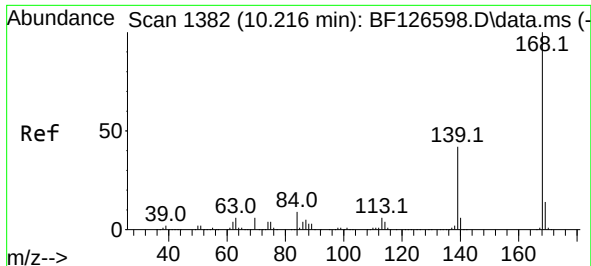
Tgt Ion:138 Resp: 67400
Ion Ratio Lower Upper
138 100
108 14.1 8.6 13.0#
92 169.1 105.0 157.6#



#54
2,4-Dinitrophenol
Concen: 89.677 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:184 Resp: 100775
Ion Ratio Lower Upper
184 100
63 75.5 70.4 105.6
154 68.4 49.7 74.5

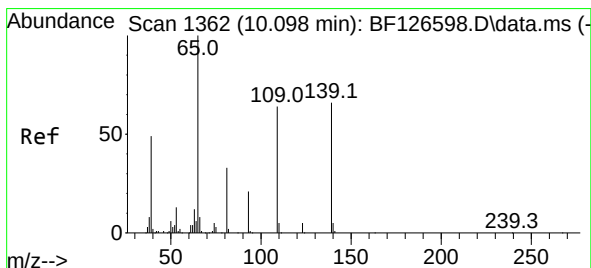
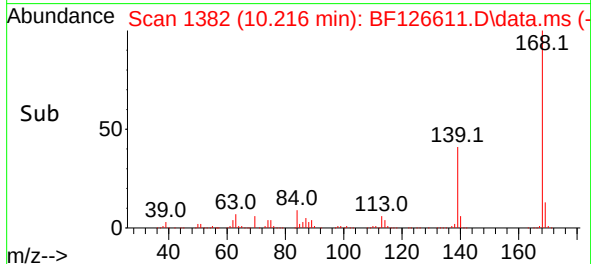
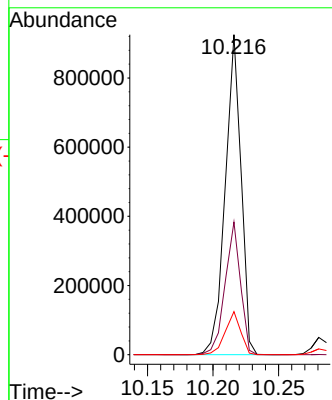
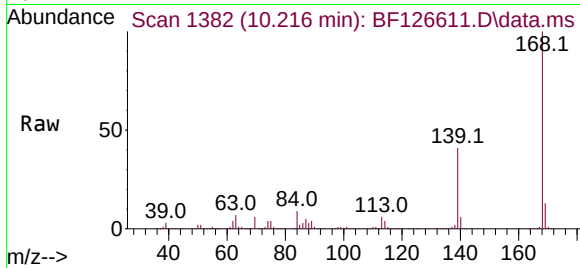




#55
Dibenzofuran
Concen: 50.303 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

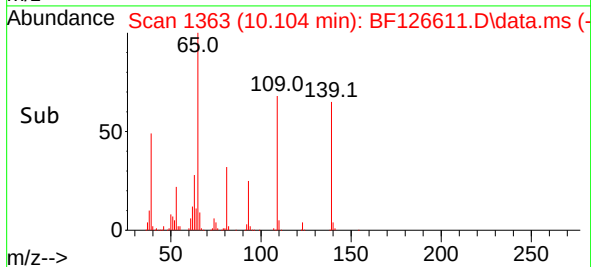
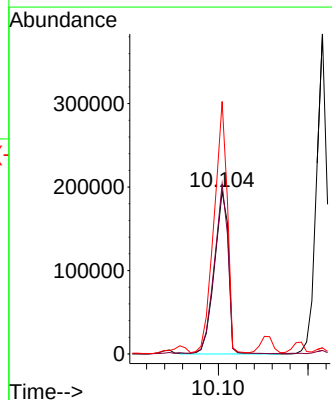
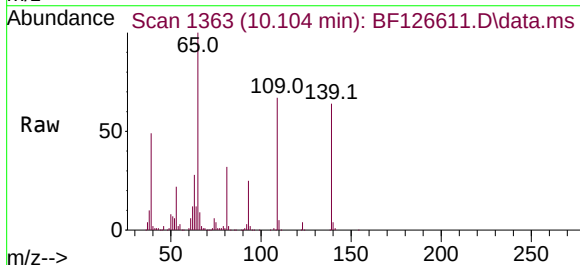
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

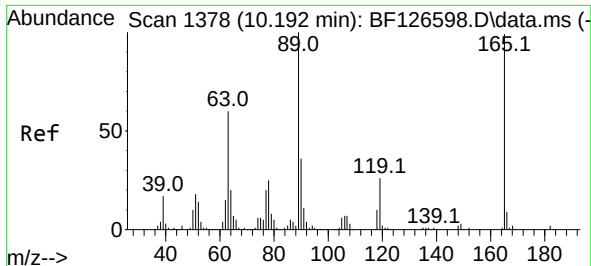
Tgt Ion:168 Resp: 773889
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.5 10.0 15.0



#56
4-Nitrophenol
Concen: 105.455 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:139 Resp: 212215
Ion Ratio Lower Upper
139 100
109 104.7 44.1 84.1#
65 155.4 85.5 125.5#

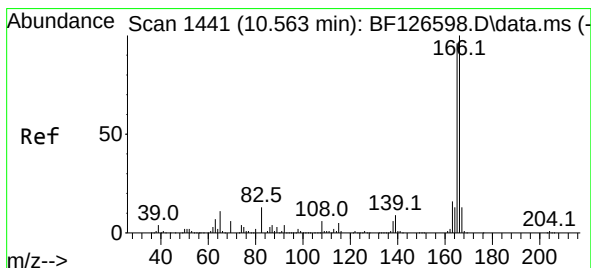
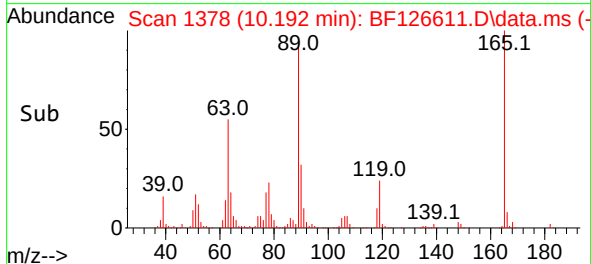
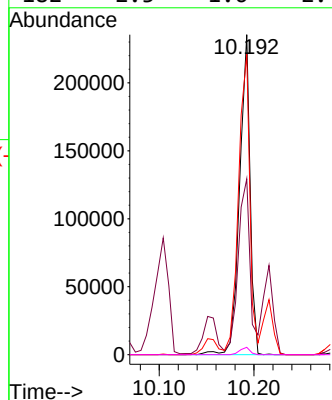
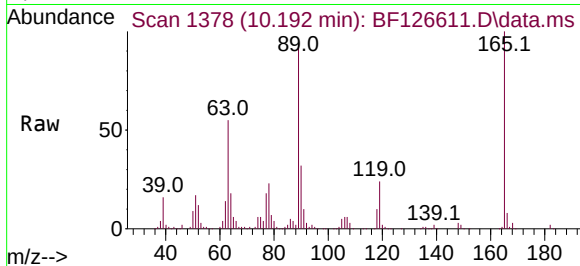




#57
2,4-Dinitrotoluene
Concen: 67.595 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

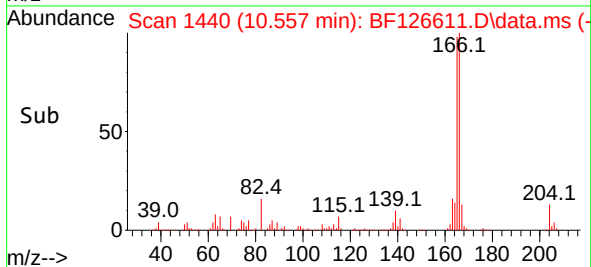
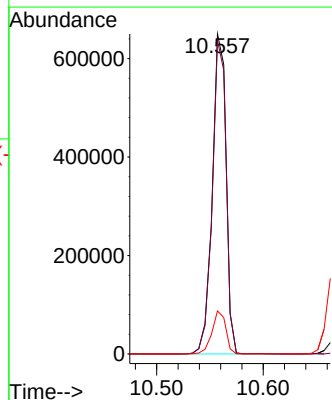
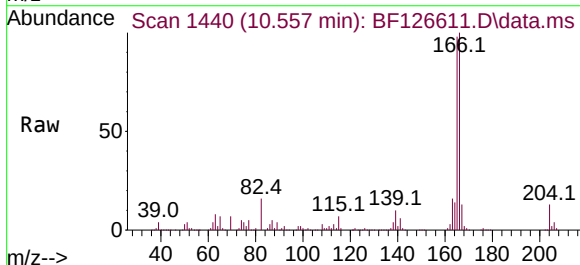
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

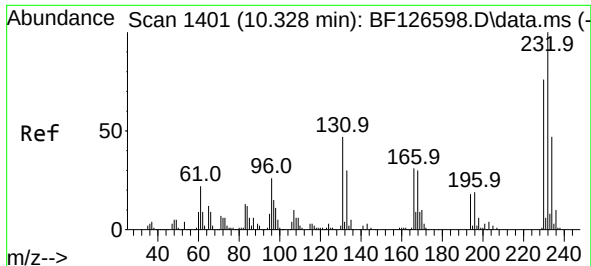
Tgt Ion:165 Resp: 181050
Ion Ratio Lower Upper
165 100
63 55.0 43.0 64.6
89 93.9 71.0 106.4
182 2.3 1.6 2.4



#58
Fluorene
Concen: 50.420 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:166 Resp: 585643
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.4 10.7 16.1

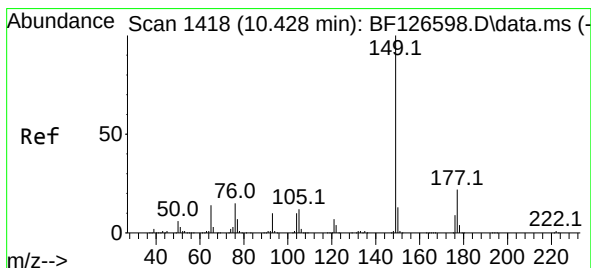
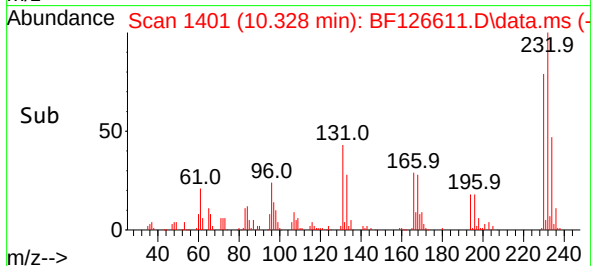
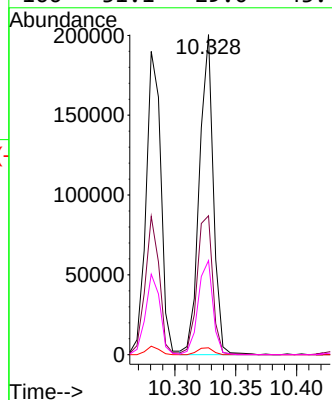
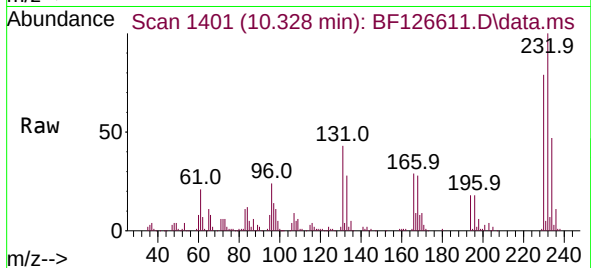




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.170 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

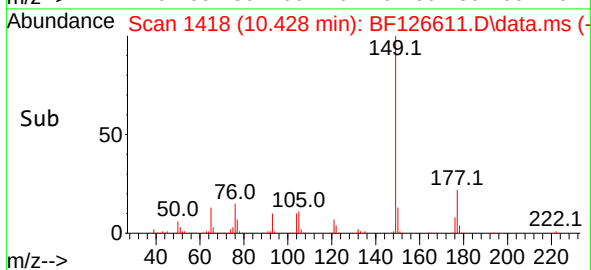
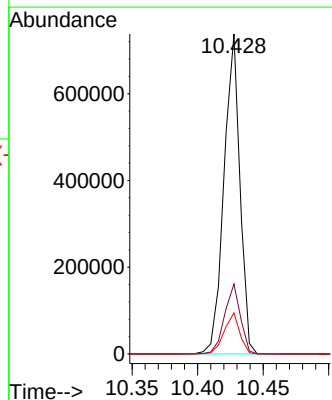
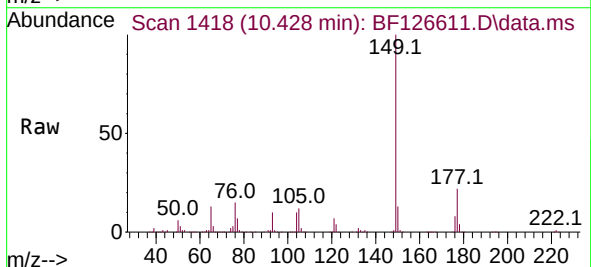
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

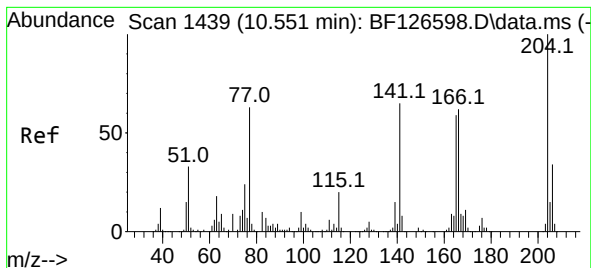
Tgt Ion:232 Resp: 159297
Ion Ratio Lower Upper
232 100
131 48.8 50.0 75.0#
130 2.4 2.2 3.2
166 31.1 29.0 43.4



#60
Diethylphthalate
Concen: 48.909 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:149 Resp: 621900
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.8 9.8 14.8

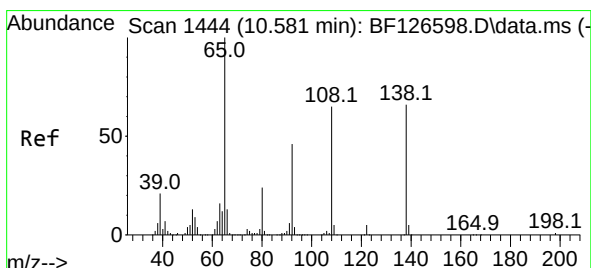
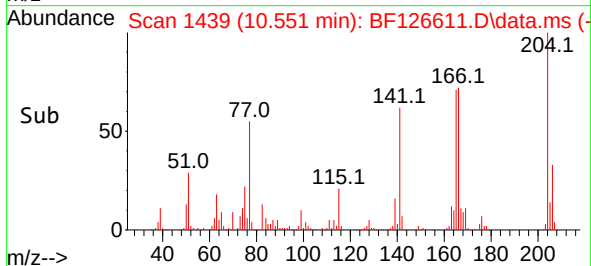
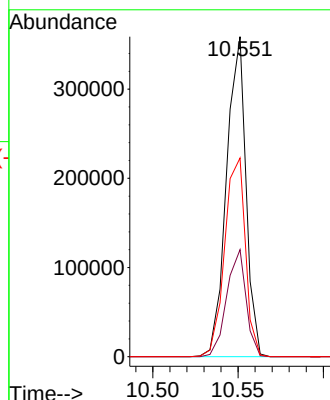
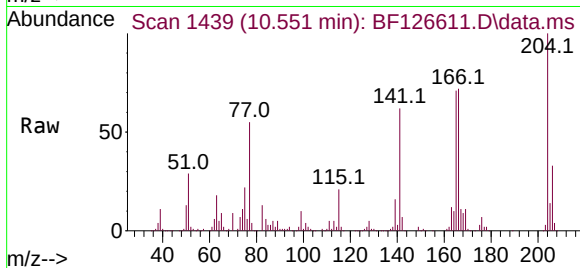




#61
4-Chlorophenyl-phenylether
Concen: 49.166 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

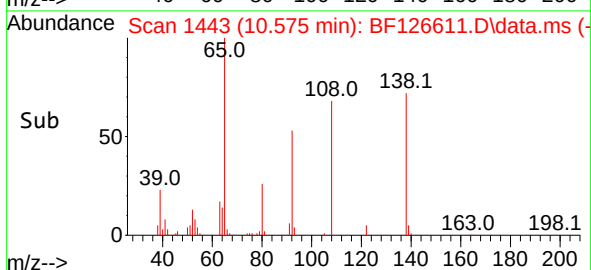
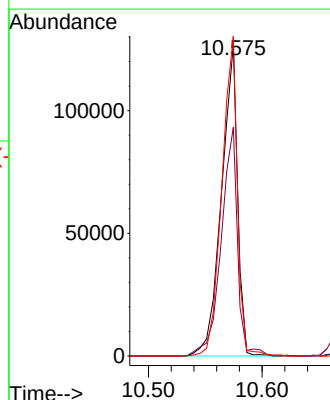
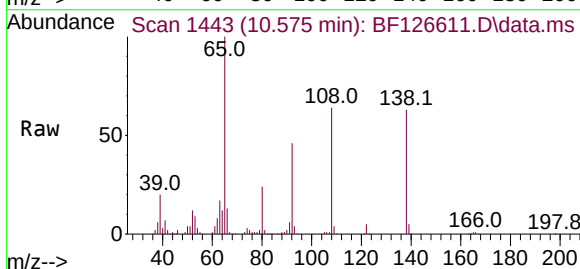
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

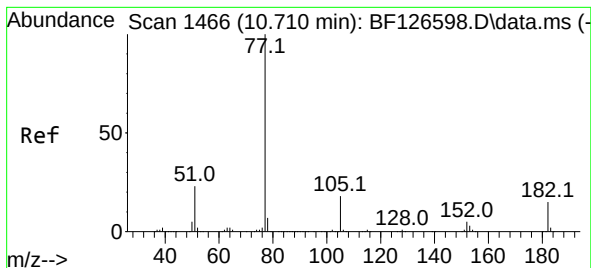
Tgt Ion:204 Resp: 285218
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 62.1 59.0 88.6



#62
4-Nitroaniline
Concen: 50.795 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:138 Resp: 124582
Ion Ratio Lower Upper
138 100
92 73.5 36.2 76.2
108 102.8 46.7 86.7#





#63

Azobenzene

Concen: 48.664 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

Tgt Ion: 77 Resp: 915724

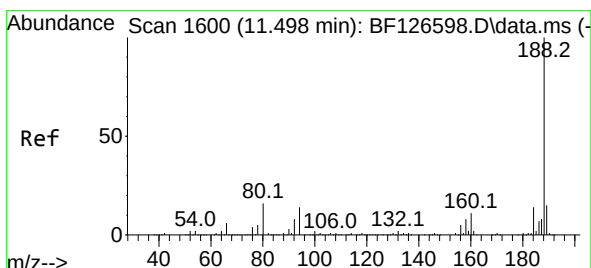
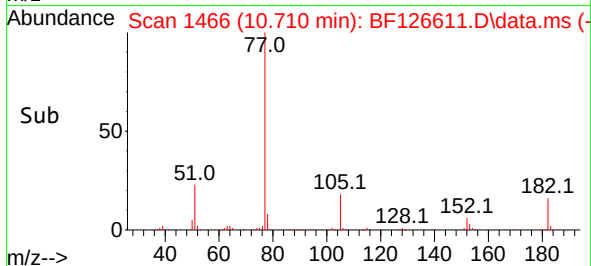
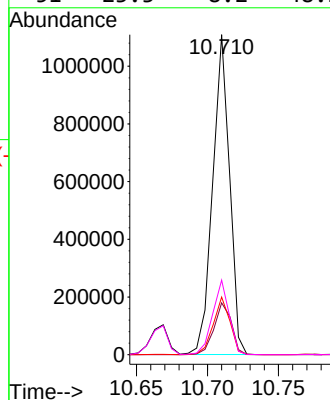
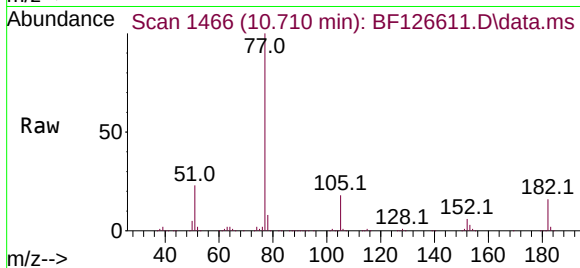
Ion Ratio Lower Upper

77 100

182 16.2 0.0 39.0

105 18.0 3.2 43.2

51 23.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1600

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

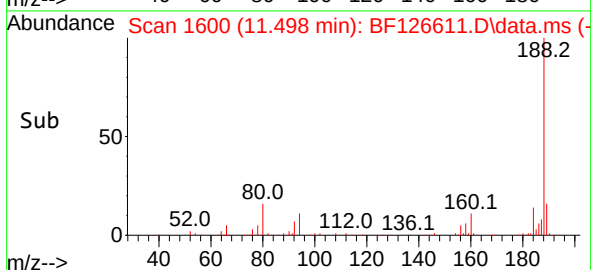
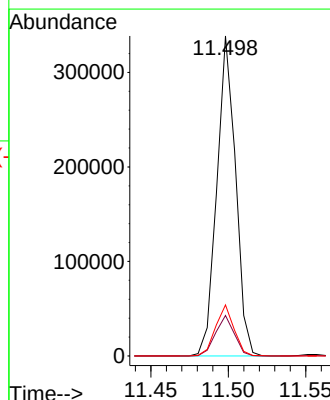
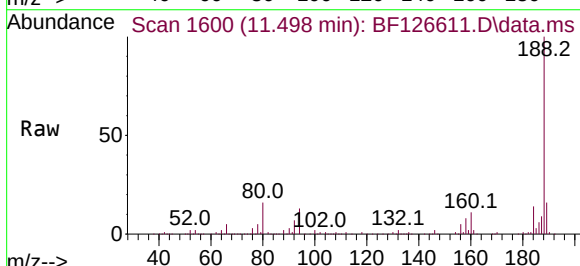
Tgt Ion:188 Resp: 284589

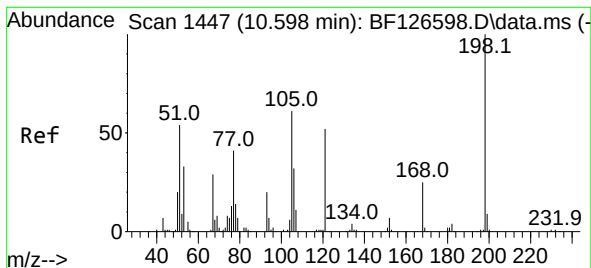
Ion Ratio Lower Upper

188 100

94 12.7 10.1 15.1

80 16.0 11.8 17.6

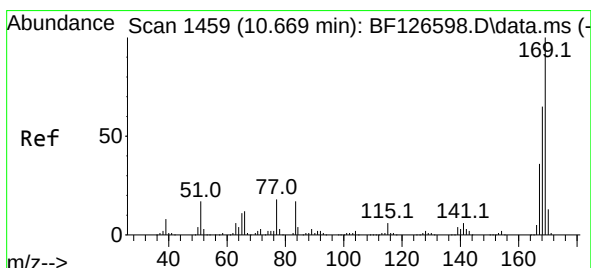
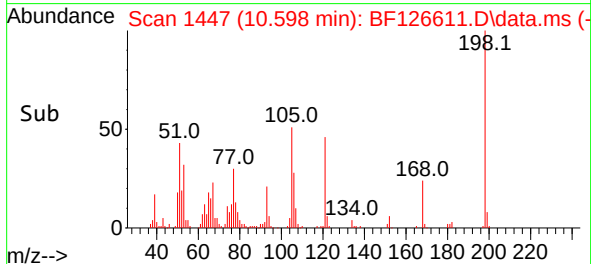
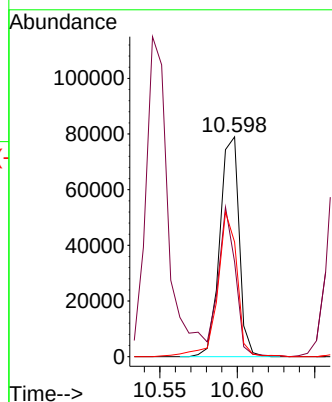
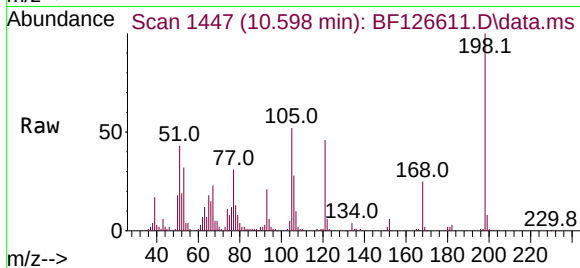




#65
4,6-Dinitro-2-methylphenol
Concen: 50.000 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

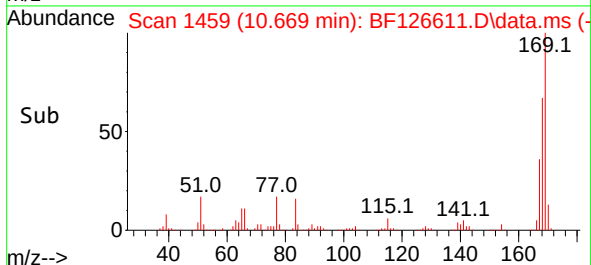
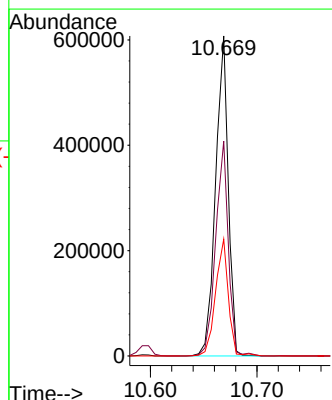
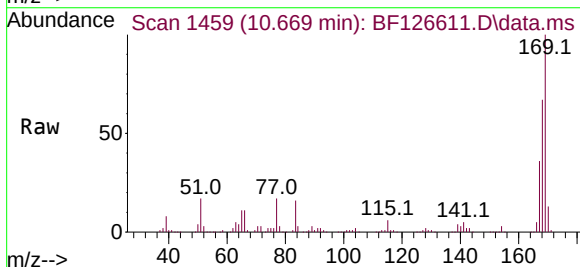
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

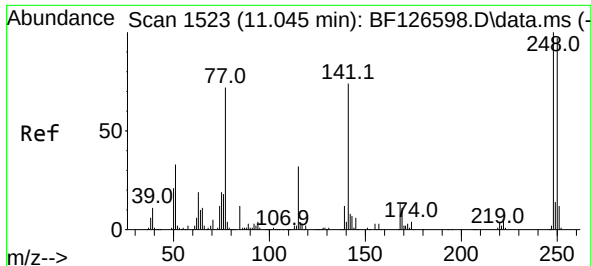
Tgt Ion:198 Resp: 68475
Ion Ratio Lower Upper
198 100
51 43.1 32.0 72.0
105 52.1 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 52.006 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:169 Resp: 499596
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.5 29.4 44.0

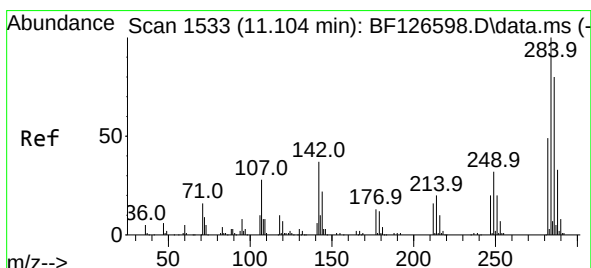
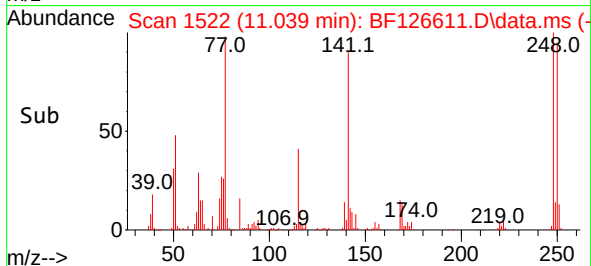
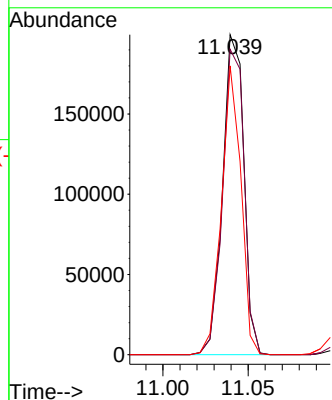
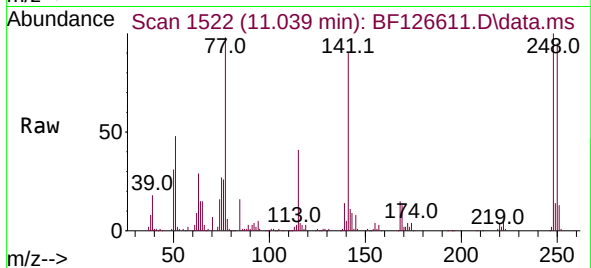




#67
4-Bromophenyl-phenylether
Concen: 52.854 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

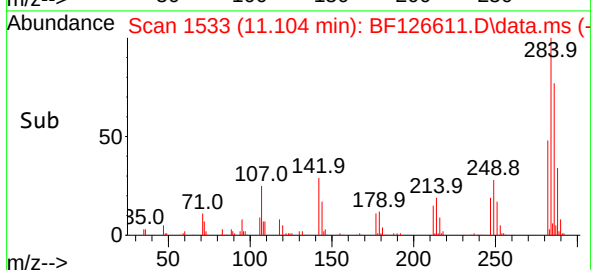
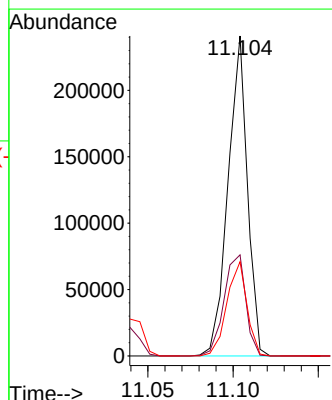
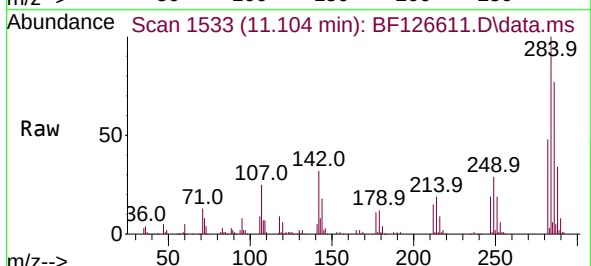
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

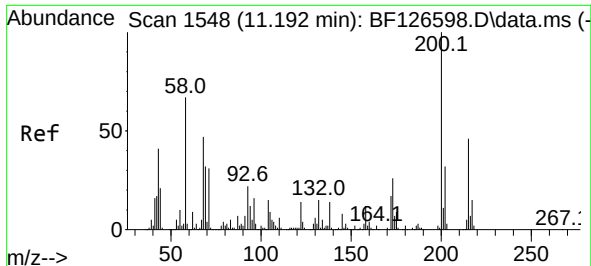
Tgt Ion:248 Resp: 173357
Ion Ratio Lower Upper
248 100
250 95.4 76.2 114.4
141 90.2 66.2 99.4



#68
Hexachlorobenzene
Concen: 54.368 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:284 Resp: 190256
Ion Ratio Lower Upper
284 100
142 31.6 30.7 46.1
249 29.5 21.1 31.7

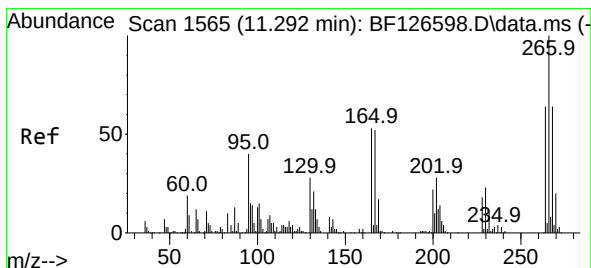
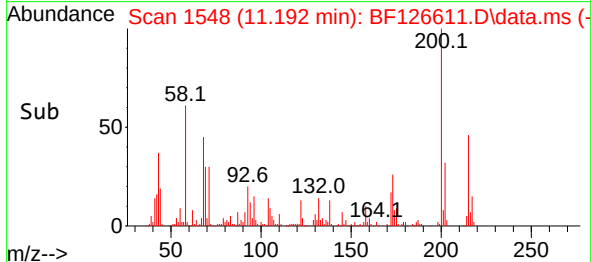
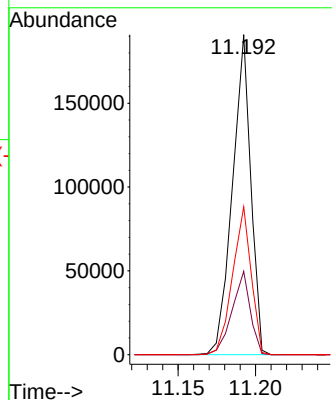
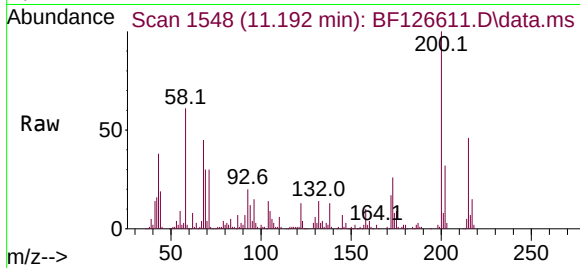




#69
 Atrazine
 Concen: 51.251 ng
 RT: 11.192 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

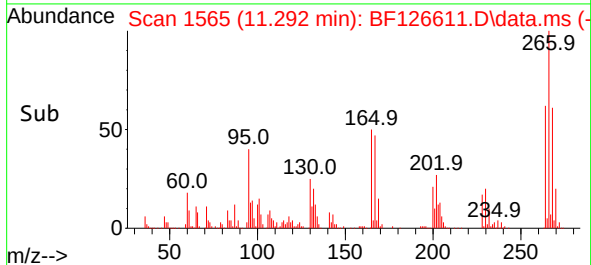
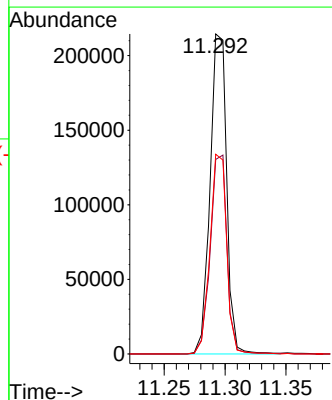
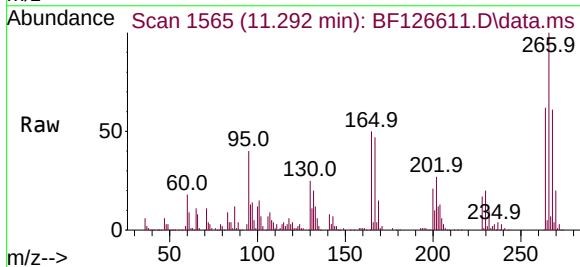
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MS

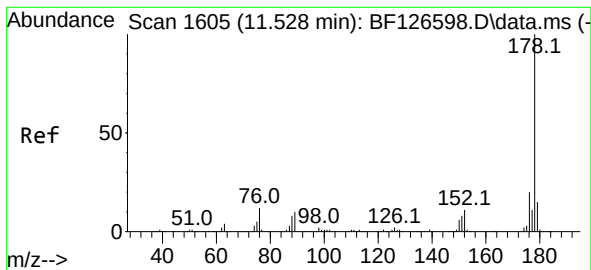
Tgt Ion:200 Resp: 157240
 Ion Ratio Lower Upper
 200 100
 173 26.1 9.2 49.2
 215 46.2 23.2 63.2



#70
 Pentachlorophenol
 Concen: 100.189 ng
 RT: 11.292 min Scan# 1565
 Delta R.T. 0.000 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

Tgt Ion:266 Resp: 203875
 Ion Ratio Lower Upper
 266 100
 268 60.8 52.3 78.5
 264 62.4 50.4 75.6





#71

Phenanthrene

Concen: 51.119 ng

RT: 11.528 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

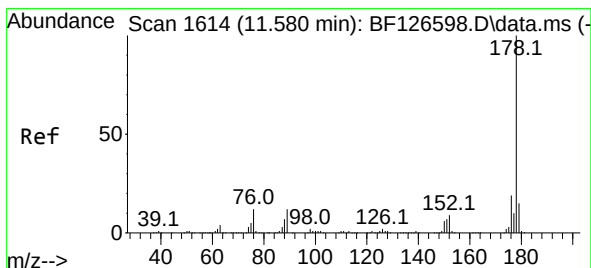
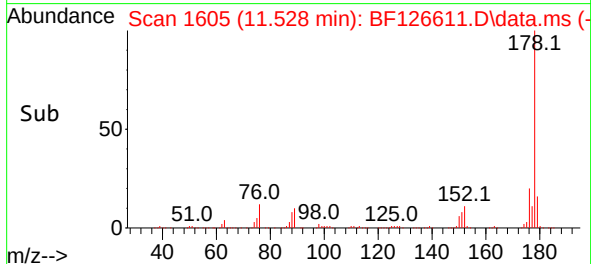
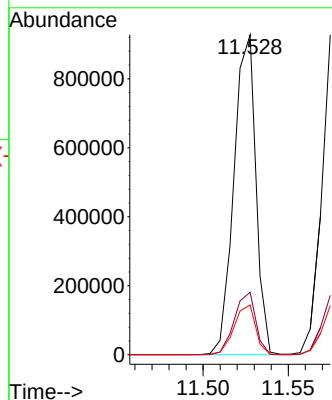
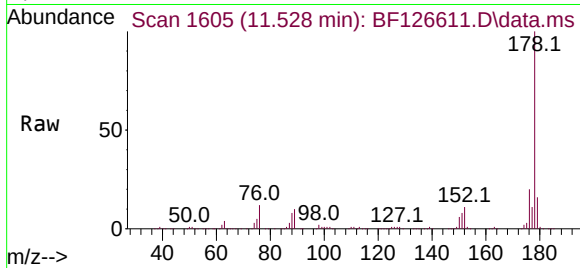
Tgt Ion:178 Resp: 831147

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 12.3 18.5



#72

Anthracene

Concen: 52.401 ng

RT: 11.575 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

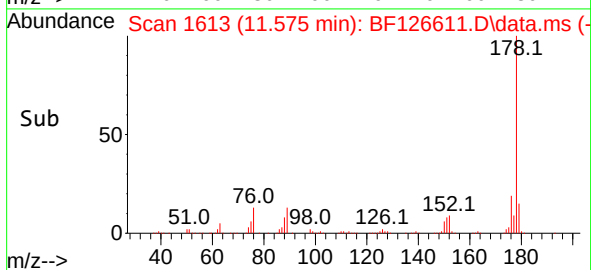
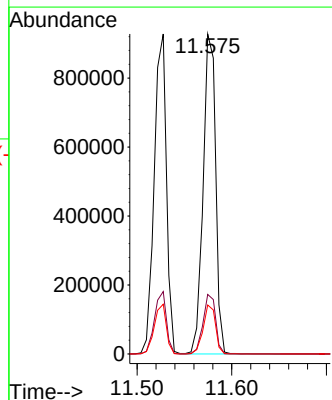
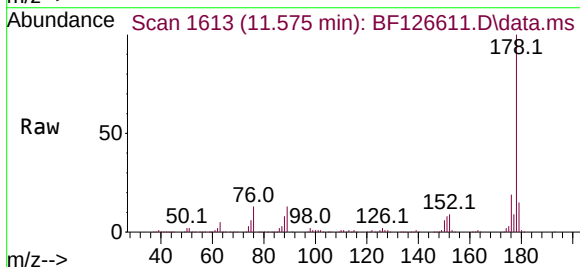
Tgt Ion:178 Resp: 854831

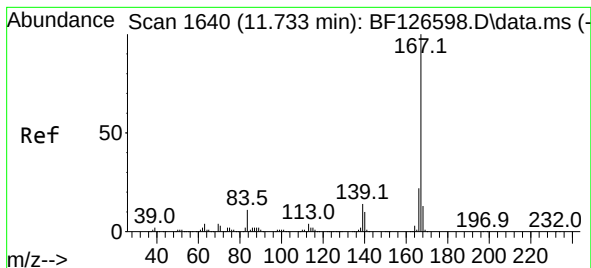
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.3 12.5 18.7





#73

Carbazole

Concen: 44.987 ng

RT: 11.728 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

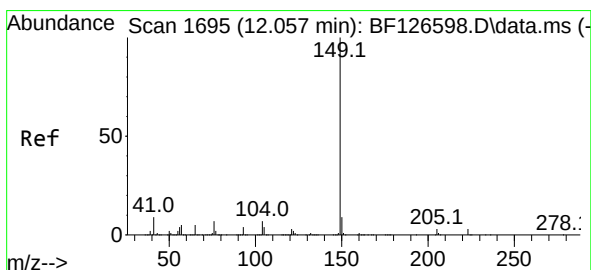
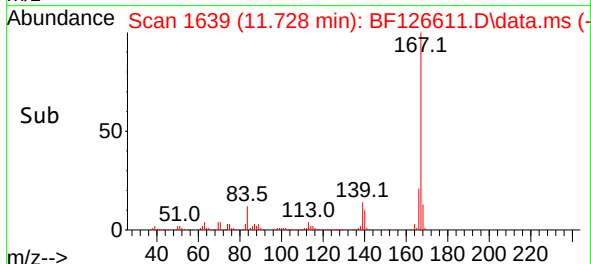
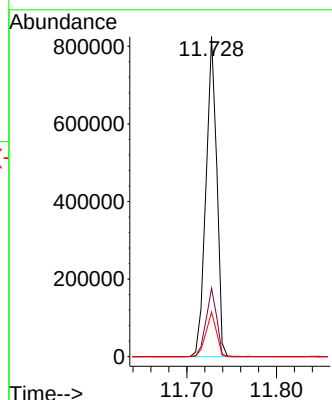
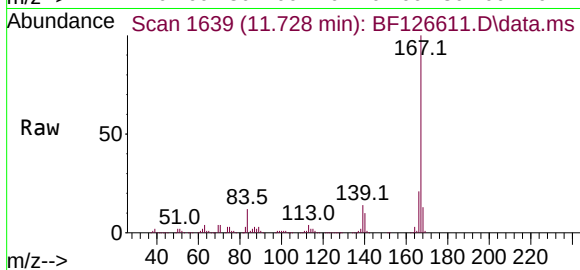
Tgt Ion:167 Resp: 688999

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 46.590 ng

RT: 12.057 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

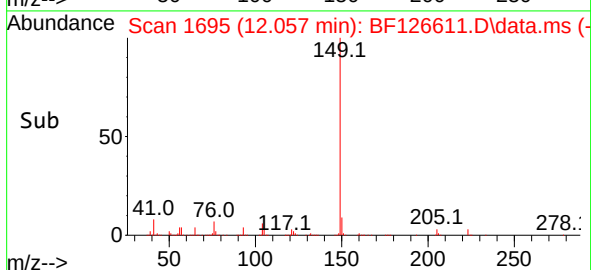
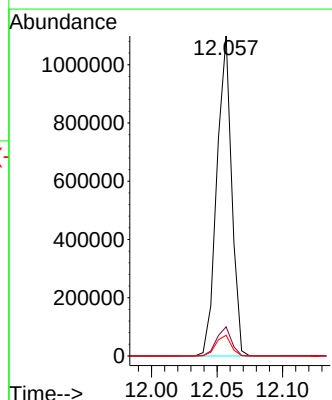
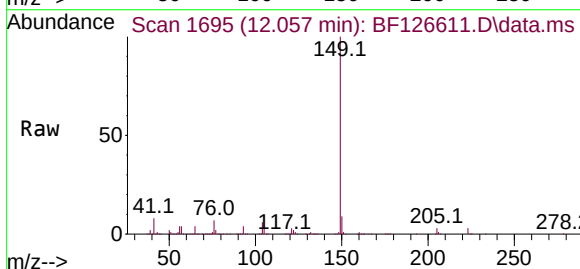
Tgt Ion:149 Resp: 860452

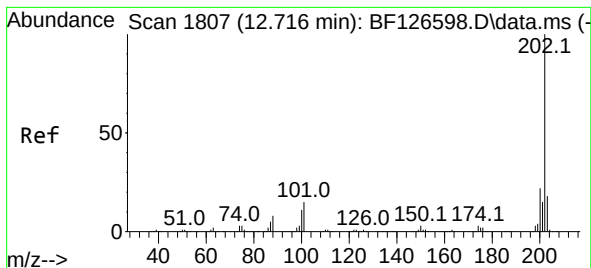
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.5 4.2 6.2#





#75

Fluoranthene

Concen: 44.706 ng

RT: 12.716 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

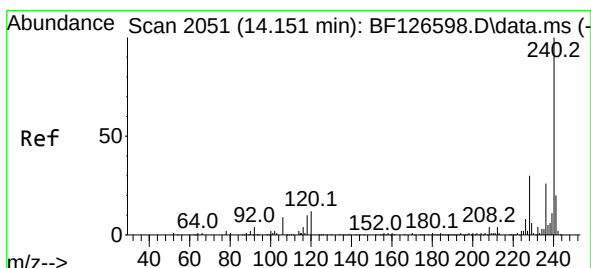
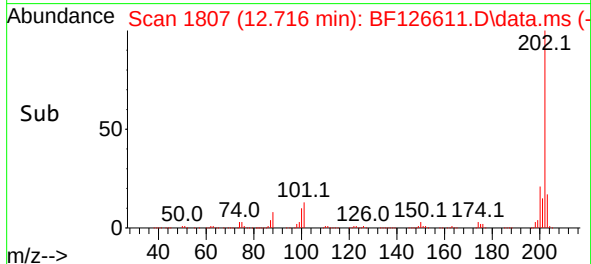
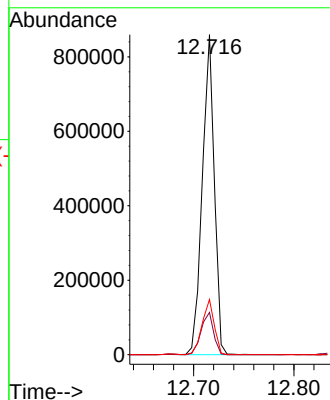
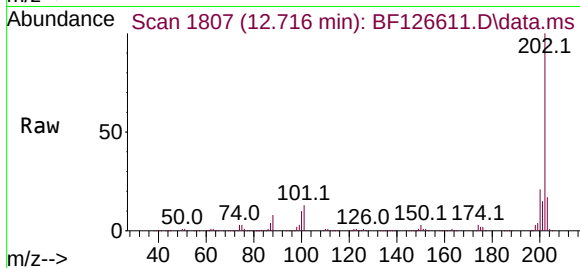
Tgt Ion:202 Resp: 717959

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.7

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

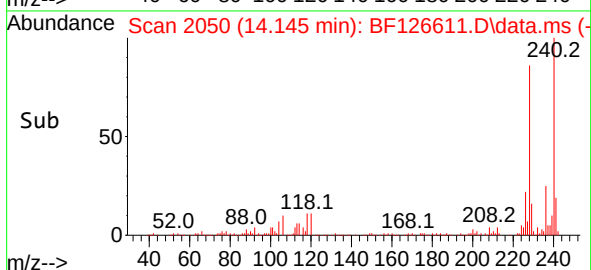
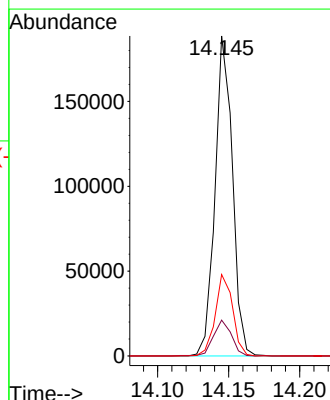
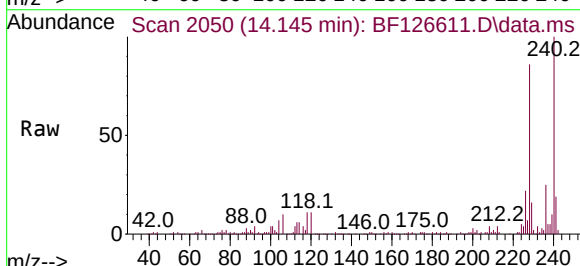
Tgt Ion:240 Resp: 160190

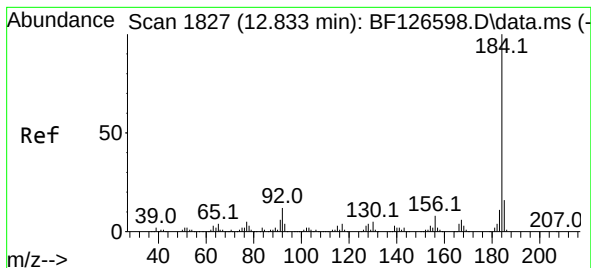
Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 25.5 20.5 30.7





#77

Benzidine

Concen: 44.798 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

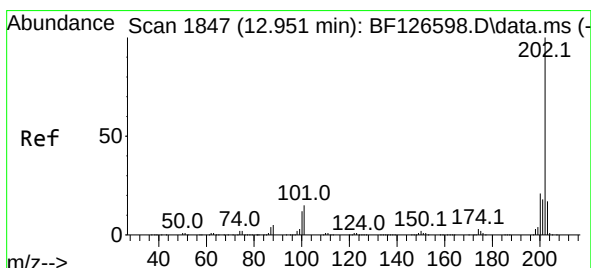
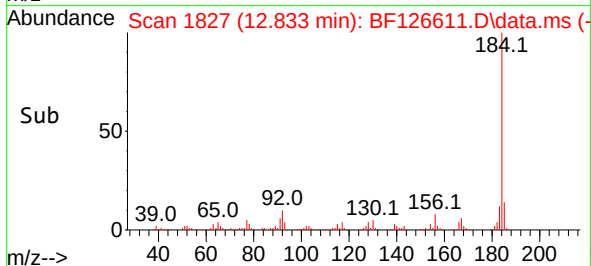
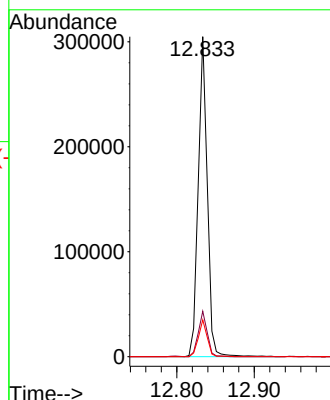
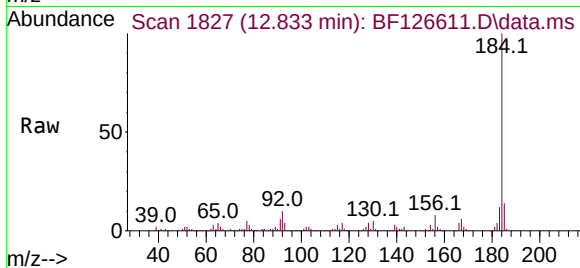
Tgt Ion:184 Resp: 247558

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

183 11.5 8.2 12.2



#78

Pyrene

Concen: 54.382 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

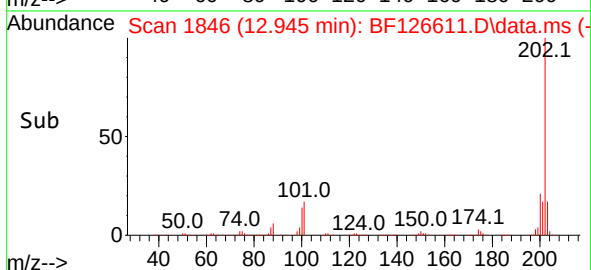
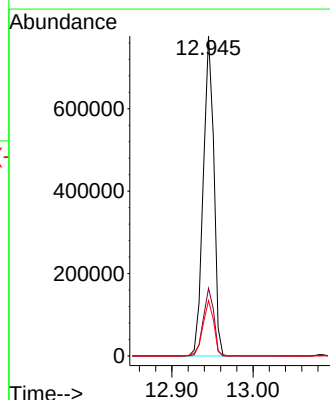
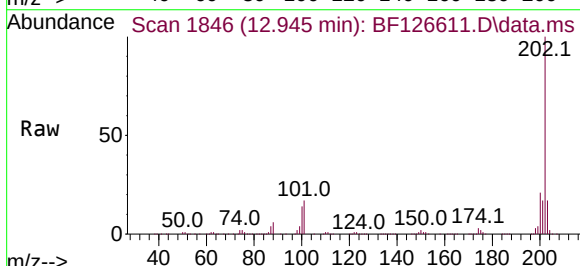
Tgt Ion:202 Resp: 704480

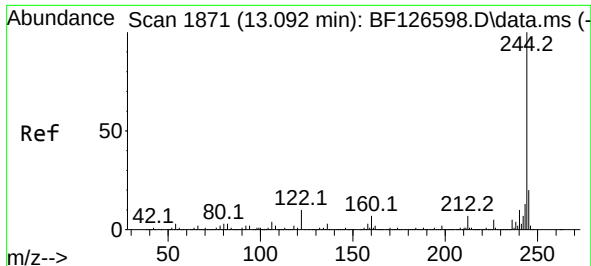
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 17.3 13.8 20.8

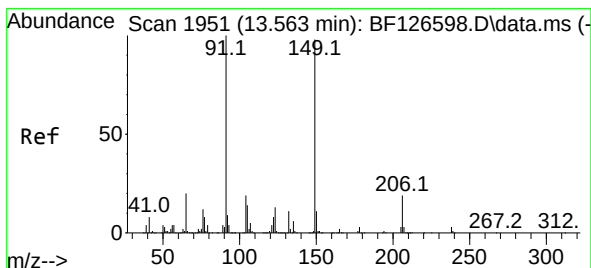
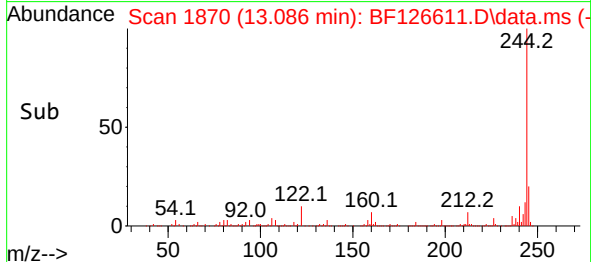
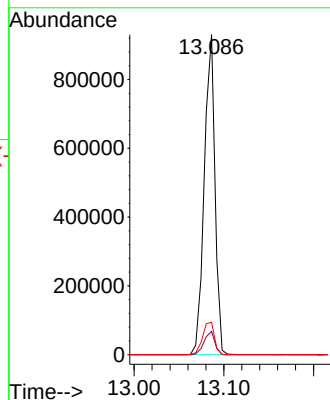
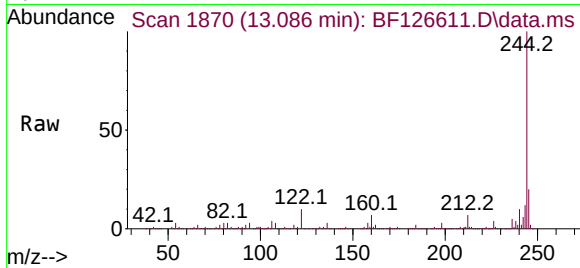




#79
 Terphenyl-d14
 Concen: 80.604 ng
 RT: 13.086 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

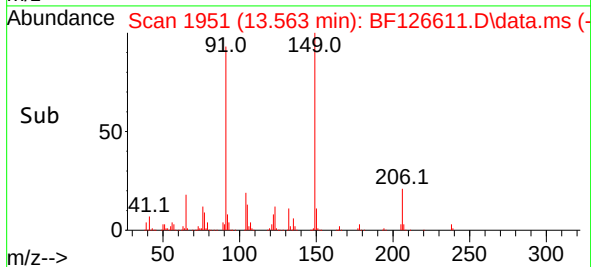
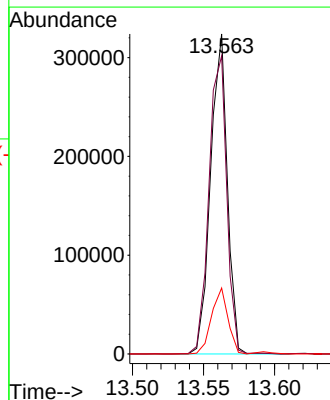
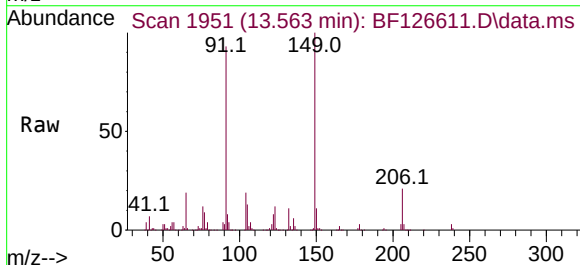
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MS

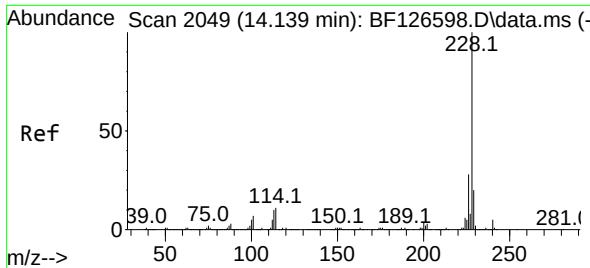
Tgt Ion:244 Resp: 769819
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 10.2 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 47.173 ng
 RT: 13.563 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

Tgt Ion:149 Resp: 265489
 Ion Ratio Lower Upper
 149 100
 91 93.2 70.5 105.7
 206 20.6 12.6 19.0#

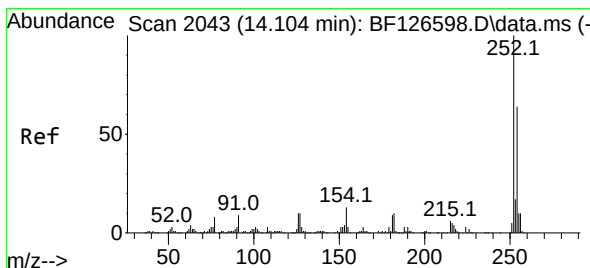
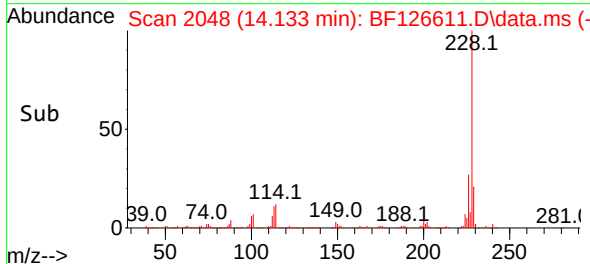
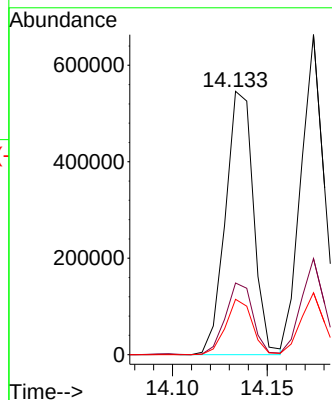
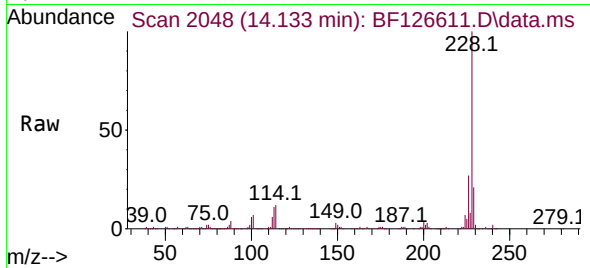




#81
Benzo(a)anthracene
Concen: 51.657 ng
RT: 14.133 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

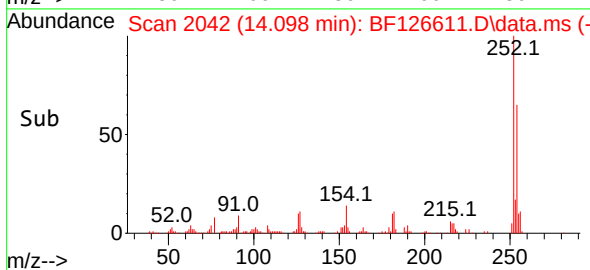
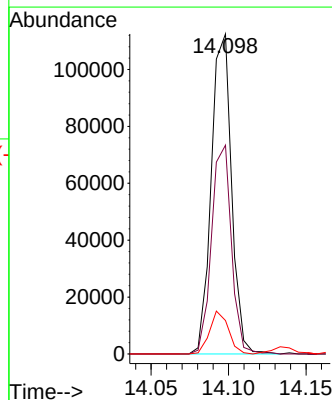
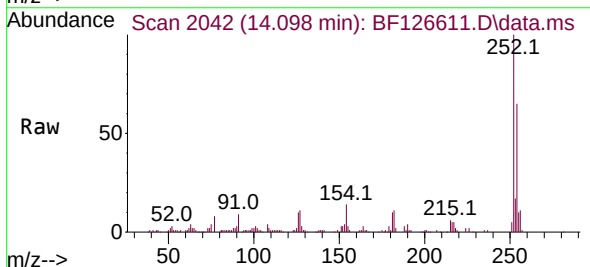
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

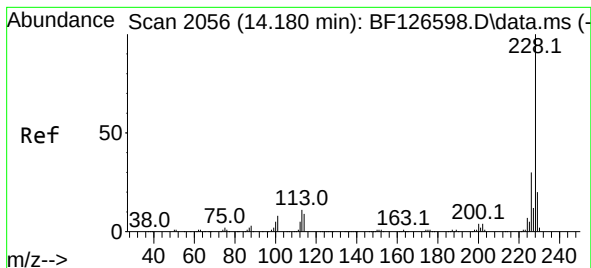
Tgt Ion:228 Resp: 562449
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 21.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 28.564 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:252 Resp: 102168
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 10.4 13.4 20.0#





#83

Chrysene

Concen: 53.339 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MS

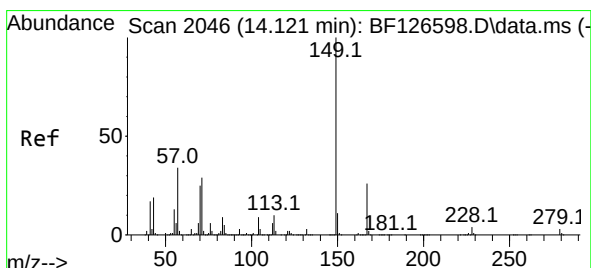
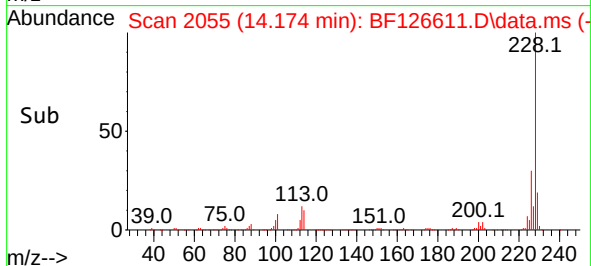
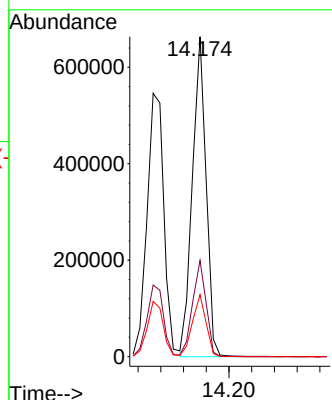
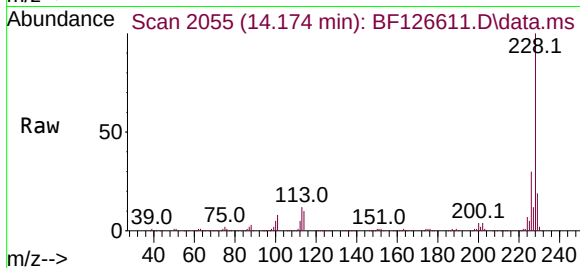
Tgt Ion:228 Resp: 558819

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.660 ng

RT: 14.122 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BF126611.D

Acq: 20 Jan 2022 15:24

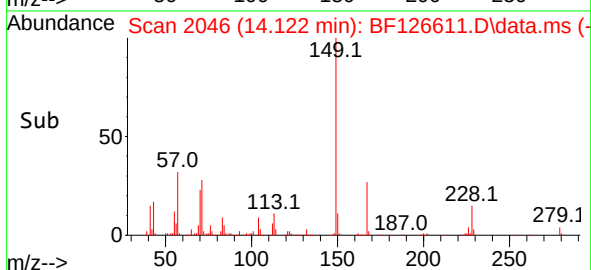
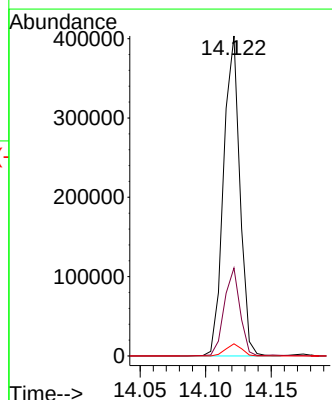
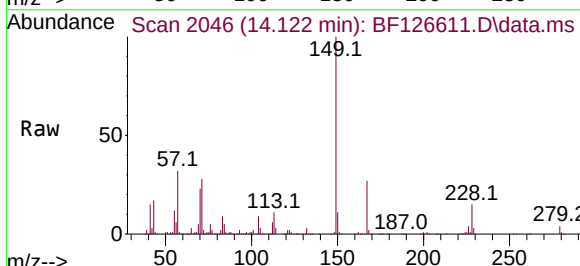
Tgt Ion:149 Resp: 348021

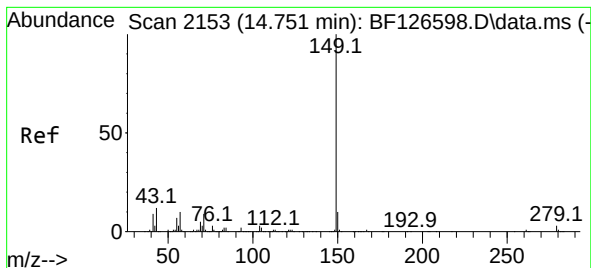
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.2

279 3.8 2.4 3.6#

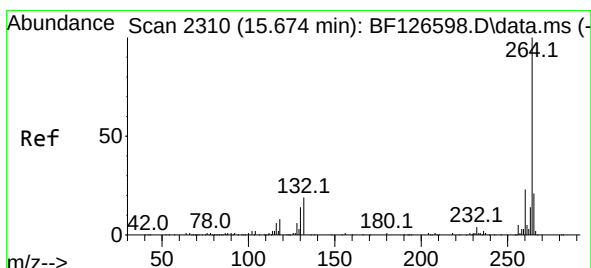
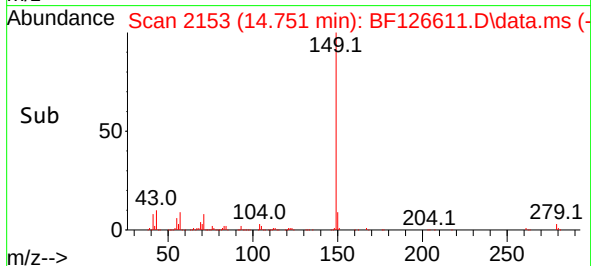
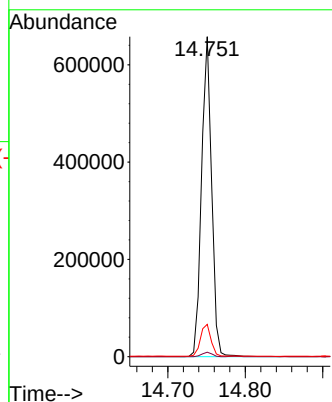
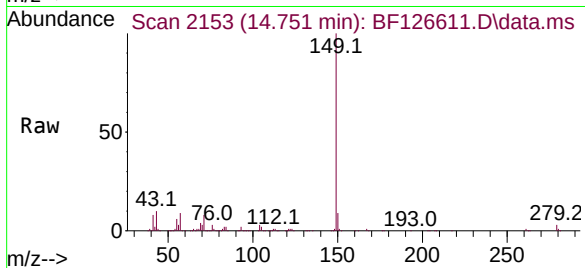




#85
Di-n-octyl phthalate
Concen: 50.807 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

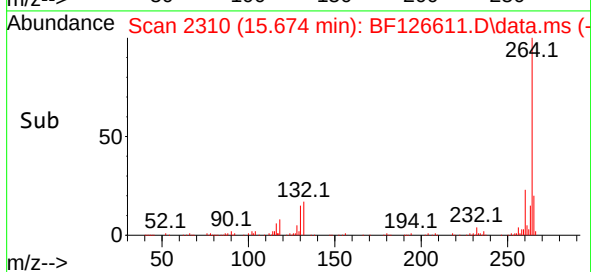
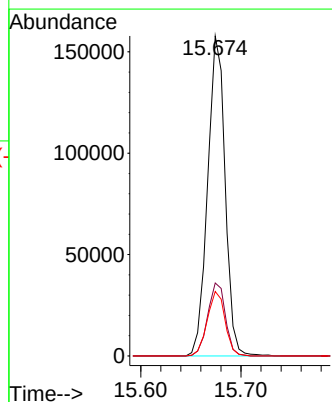
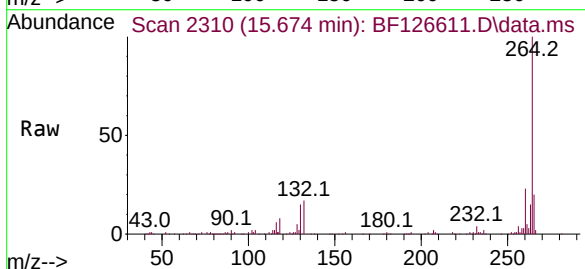
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

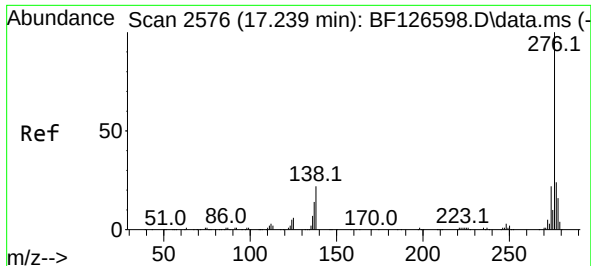
Tgt Ion:149 Resp: 592896
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.4 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:264 Resp: 191674
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 20.2 17.4 26.2

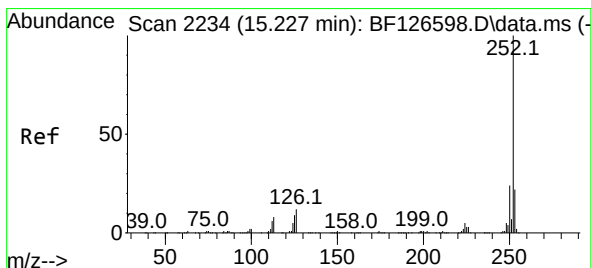
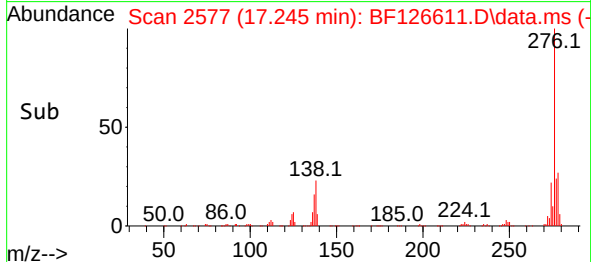
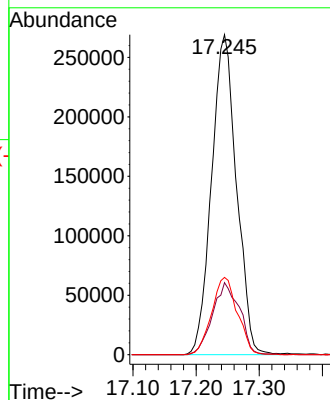
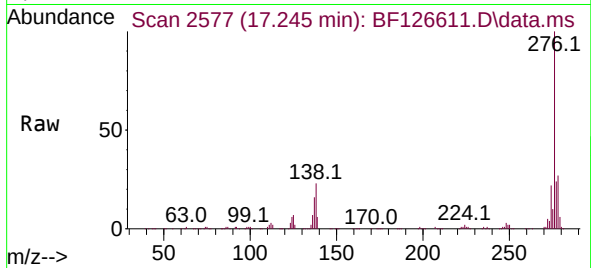




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.354 ng
 RT: 17.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

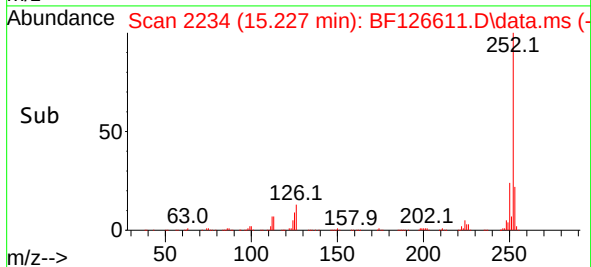
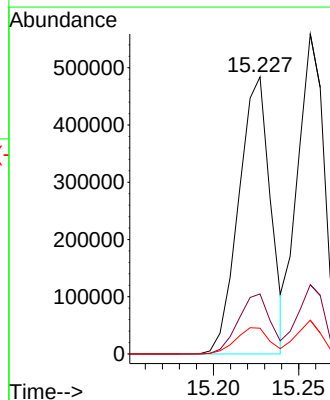
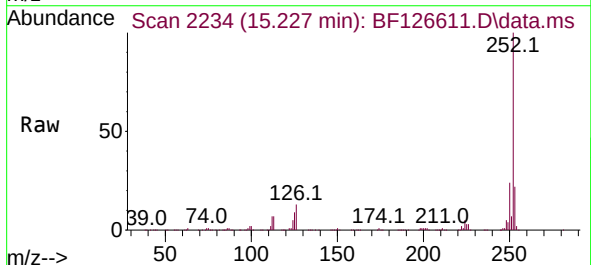
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MS

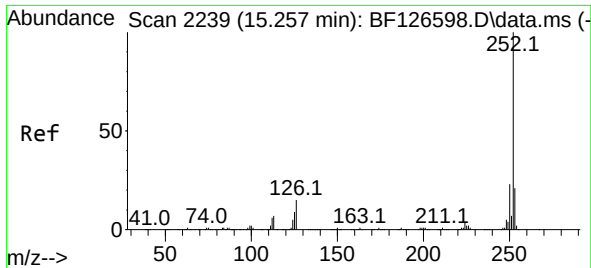
Tgt Ion:276 Resp: 738443
 Ion Ratio Lower Upper
 276 100
 138 24.5 29.2 43.8#
 277 25.0 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 49.321 ng
 RT: 15.227 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF126611.D
 Acq: 20 Jan 2022 15:24

Tgt Ion:252 Resp: 626904
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 9.3 12.4 18.6#

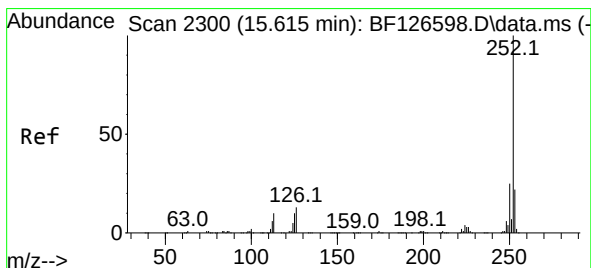
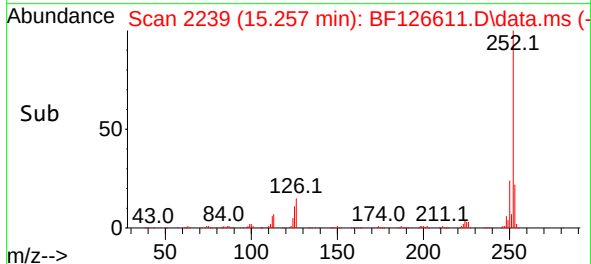
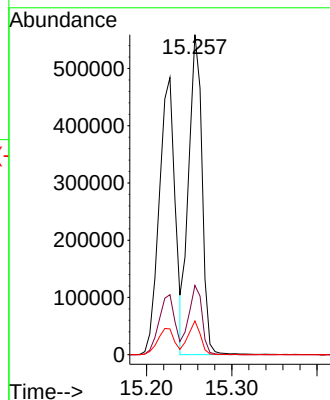
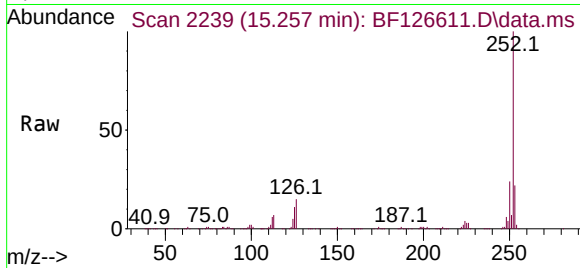




#89
Benzo(k)fluoranthene
Concen: 48.935 ng
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

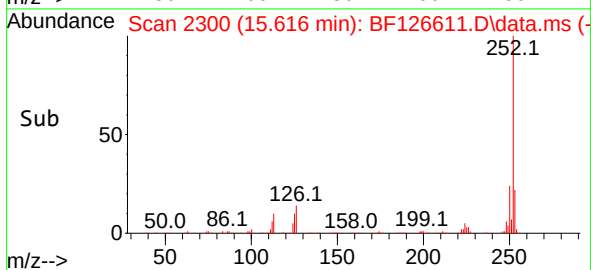
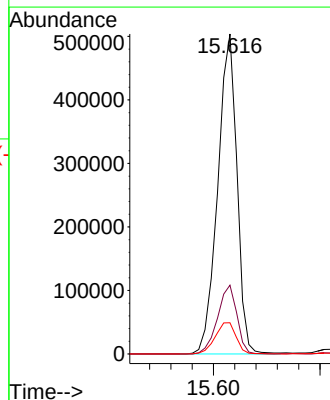
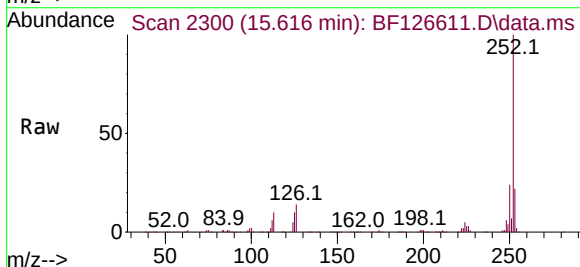
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

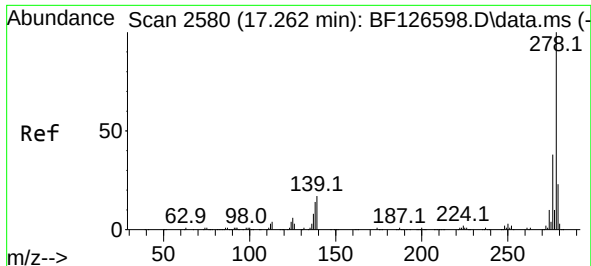
Tgt Ion:252 Resp: 610715
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.5 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 60.841 ng
RT: 15.616 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:252 Resp: 629214
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.8 13.0 19.6#

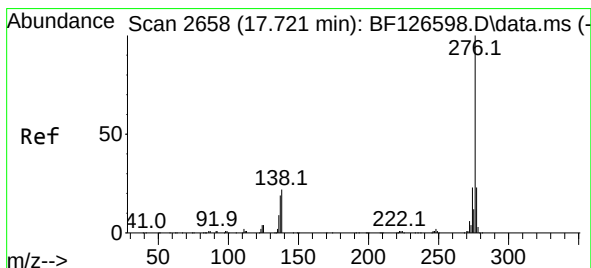
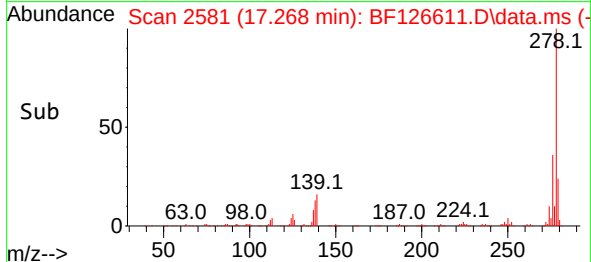
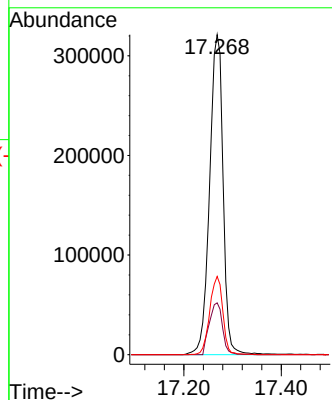
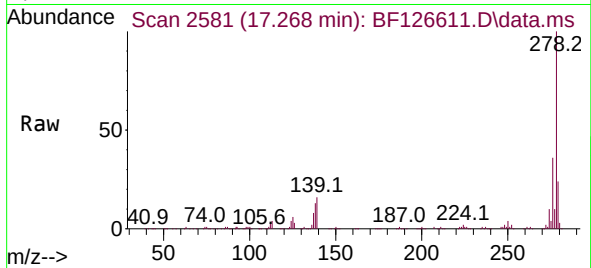




#91
Dibenzo(a,h)anthracene
Concen: 62.758 ng
RT: 17.268 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

Tgt Ion:278 Resp: 615714
Ion Ratio Lower Upper
278 100
139 16.2 18.0 27.0#
279 24.5 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 65.244 ng
RT: 17.727 min Scan# 2659
Delta R.T. 0.006 min
Lab File: BF126611.D
Acq: 20 Jan 2022 15:24

Tgt Ion:276 Resp: 627651
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 20.2 25.9 38.9#

