

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126612.D
 Acq On : 20 Jan 2022 15:51
 Operator : CG/JU
 Sample : N1189-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MSD

Quant Time: Jan 20 16:39:50 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	85735	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	336926	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	176313	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	265091	20.000	ng	0.00
76) Chrysene-d12	14.151	240	156645	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	186007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	819749	125.819	ng	0.01
7) Phenol-d6	6.581	99	1133782	125.249	ng	0.00
23) Nitrobenzene-d5	7.528	82	835999	97.119	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	188494	114.238	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	947195	82.276	ng	0.00
79) Terphenyl-d14	13.086	244	715203	76.580	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	163816	51.016	ng	89
3) Pyridine	3.640	79	379995	42.245	ng	# 84
4) n-Nitrosodimethylamine	3.610	42	172788	54.290	ng	91
6) Aniline	6.628	93	421816	37.186	ng	98
8) 2-Chlorophenol	6.745	128	324074	54.230	ng	89
9) Benzaldehyde	6.522	77	283942	52.061	ng	85
10) Phenol	6.592	94	520727	54.085	ng	89
11) bis(2-Chloroethyl)ether	6.698	93	416749	53.341	ng	95
12) 1,3-Dichlorobenzene	6.904	146	351253	52.946	ng	# 91
13) 1,4-Dichlorobenzene	6.981	146	356542	53.220	ng	95
14) 1,2-Dichlorobenzene	7.134	146	338287	53.562	ng	97
15) Benzyl Alcohol	7.098	79	405678	50.267	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	461256	51.747	ng	85
17) 2-Methylphenol	7.204	107	307638	52.362	ng	# 91
18) Hexachloroethane	7.481	117	144741	53.509	ng	# 90
19) n-Nitroso-di-n-propyla...	7.375	70	331014	50.102	ng	# 86
20) 3+4-Methylphenols	7.357	107	386024	50.673	ng	# 81
22) Acetophenone	7.375	105	537754	51.791	ng	# 91
24) Nitrobenzene	7.545	77	499690	56.231	ng	# 84
25) Isophorone	7.781	82	840597	50.354	ng	# 92
26) 2-Nitrophenol	7.863	139	149956	64.690	ng	# 69
27) 2,4-Dimethylphenol	7.886	122	314044	57.088	ng	84
28) bis(2-Chloroethoxy)met...	7.992	93	497213	47.756	ng	98
29) 2,4-Dichlorophenol	8.098	162	264425	50.673	ng	97
30) 1,2,4-Trichlorobenzene	8.186	180	281214	50.253	ng	98
31) Naphthalene	8.269	128	920791	50.589	ng	100
32) Benzoic acid	7.998	122	198041	63.463	ng	# 66
33) 4-Chloroaniline	8.310	127	100373	13.803	ng	# 89
34) Hexachlorobutadiene	8.381	225	176576	49.605	ng	96
35) Caprolactam	8.681	113	61819	33.174	ng	# 85
36) 4-Chloro-3-methylphenol	8.786	107	333439	48.863	ng	# 85
37) 2-Methylnaphthalene	8.963	142	585642	51.737	ng	97
38) 1-Methylnaphthalene	9.063	142	535975	48.851	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	267824	54.158	ng	98
41) Hexachlorocyclopentadiene	9.116	237	363026	120.570	ng	97
43) 2,4,6-Trichlorophenol	9.233	196	180749	51.271	ng	97

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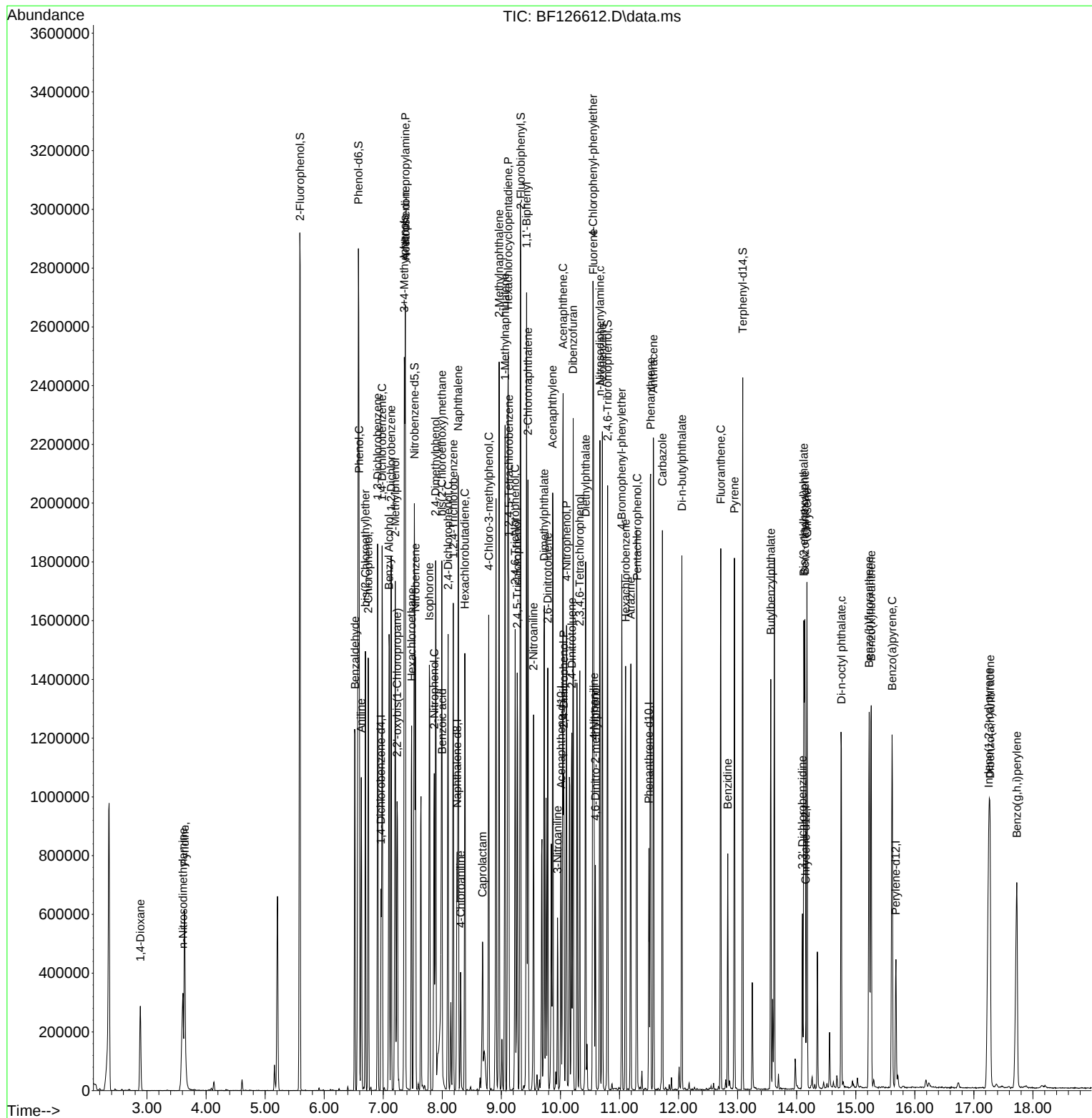
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	183867	50.358	ng	90
46) 1,1'-Biphenyl	9.428	154	709203	53.391	ng	96
47) 2-Chloronaphthalene	9.451	162	538757	51.625	ng	97
48) 2-Nitroaniline	9.545	65	223337	61.982	ng	88
49) Acenaphthylene	9.869	152	847927	51.797	ng	99
50) Dimethylphthalate	9.727	163	604213	48.317	ng	100
51) 2,6-Dinitrotoluene	9.786	165	127645	59.071	ng	# 70
52) Acenaphthene	10.045	154	549613	54.917	ng	97
53) 3-Nitroaniline	9.951	138	63211	25.585	ng	# 72
54) 2,4-Dinitrophenol	10.057	184	92647	85.973	ng	# 74
55) Dibenzofuran	10.216	168	730828	48.592	ng	96
56) 4-Nitrophenol	10.104	139	197035	100.154	ng	# 59
57) 2,4-Dinitrotoluene	10.192	165	167811	64.087	ng	# 93
58) Fluorene	10.557	166	551652	48.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	147634	49.457	ng	88
60) Diethylphthalate	10.427	149	578365	46.527	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	268655	47.372	ng	90
62) 4-Nitroaniline	10.569	138	115033	47.976	ng	# 62
63) Azobenzene	10.710	77	867592	47.162	ng	91
65) 4,6-Dinitro-2-methylph...	10.592	198	63770	49.991	ng	84
66) n-Nitrosodiphenylamine	10.669	169	469375	52.454	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	161998	53.024	ng	96
68) Hexachlorobenzene	11.104	284	178100	54.638	ng	92
69) Atrazine	11.192	200	142449	49.845	ng	94
70) Pentachlorophenol	11.298	266	184212	97.185	ng	98
71) Phenanthrene	11.527	178	776004	51.238	ng	99
72) Anthracene	11.574	178	790148	51.999	ng	100
73) Carbazole	11.727	167	634363	44.466	ng	99
74) Di-n-butylphthalate	12.057	149	785648	45.668	ng	# 98
75) Fluoranthene	12.716	202	658288	44.006	ng	97
77) Benzidine	12.833	184	240989	44.596	ng	97
78) Pyrene	12.945	202	654106	51.636	ng	99
80) Butylbenzylphthalate	13.563	149	250643	45.543	ng	# 91
81) Benzo(a)anthracene	14.139	228	546988	51.374	ng	98
82) 3,3'-Dichlorobenzidine	14.098	252	106840	30.546	ng	# 95
83) Chrysene	14.174	228	539173	52.629	ng	98
84) Bis(2-ethylhexyl)phtha...	14.121	149	325061	43.613	ng	99
85) Di-n-octyl phthalate	14.757	149	579670	50.798	ng	96
87) Indeno(1,2,3-cd)pyrene	17.251	276	725068	63.090	ng	# 88
88) Benzo(b)fluoranthene	15.227	252	650673	52.750	ng	# 94
89) Benzo(k)fluoranthene	15.262	252	565075	46.657	ng	# 94
90) Benzo(a)pyrene	15.615	252	614311	61.210	ng	# 93
91) Dibenzo(a,h)anthracene	17.274	278	609528	64.021	ng	# 91
92) Benzo(g,h,i)perylene	17.727	276	623088	66.743	ng	# 87

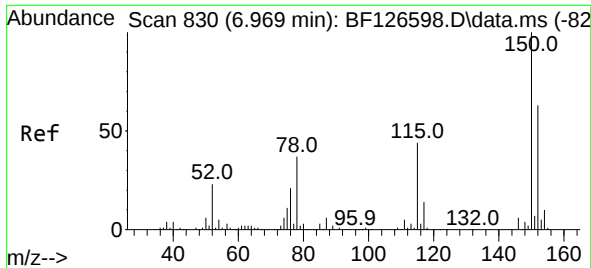
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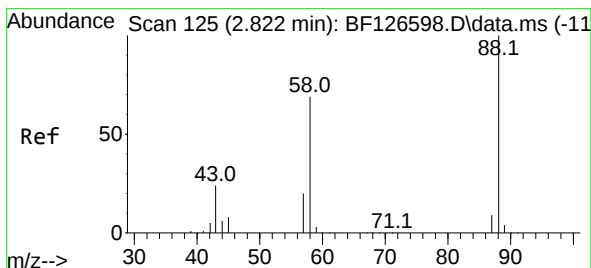
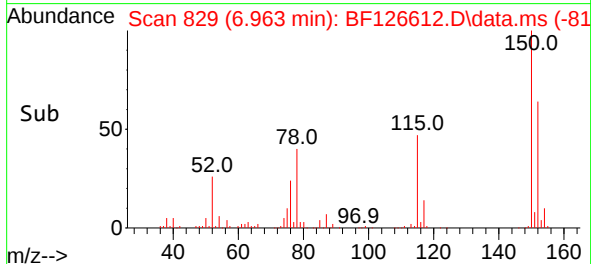
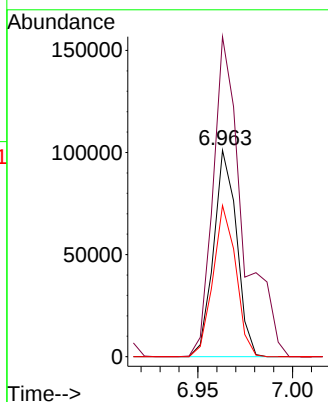
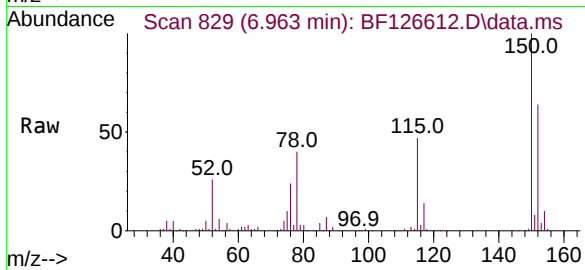




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

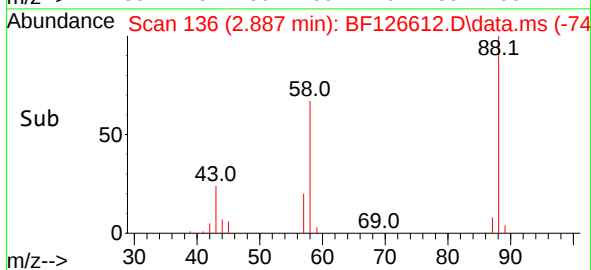
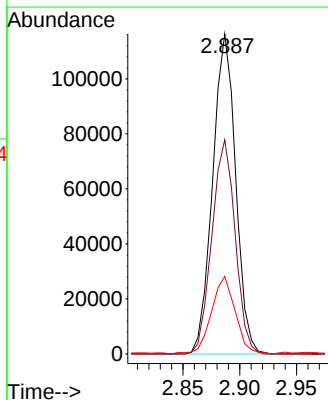
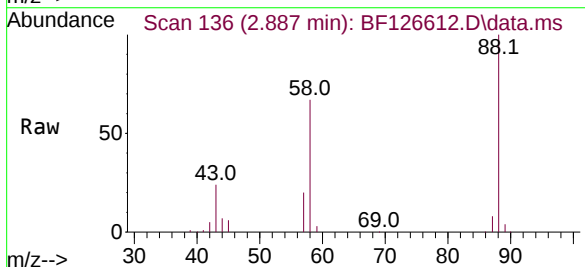
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 ClientSampleId :
 MTR-SOIL-2MSD

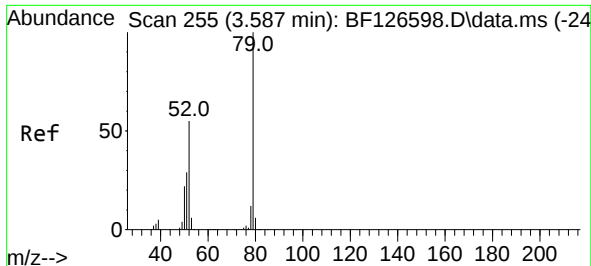
Tgt Ion:152 Resp: 85735
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.1 192.1
 115 73.3 56.7 85.1



#2
 1,4-Dioxane
 Concen: 51.016 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.065 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

Tgt Ion: 88 Resp: 163816
 Ion Ratio Lower Upper
 88 100
 58 67.5 62.8 94.2
 43 25.1 22.3 33.5

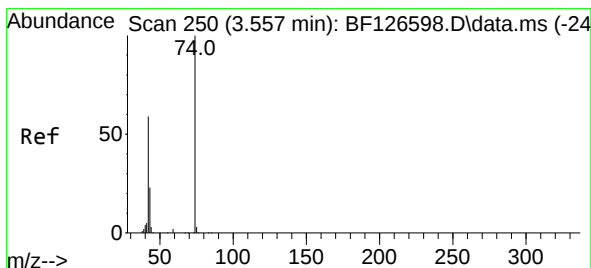
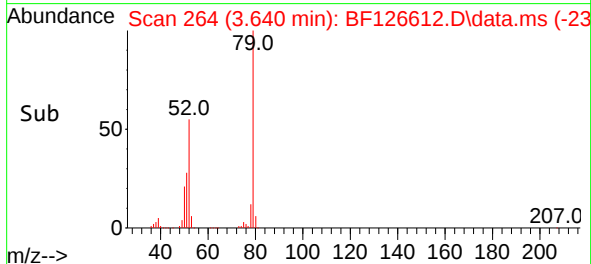
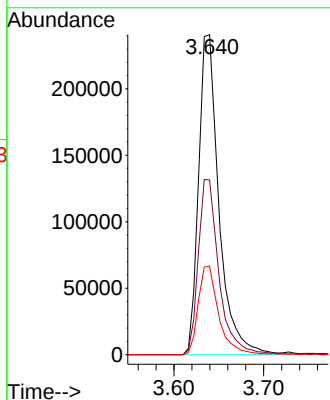
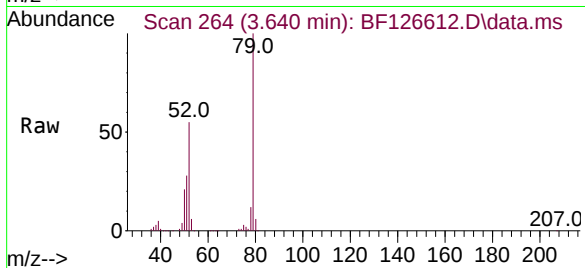




#3
Pyridine
Concen: 42.245 ng
RT: 3.640 min Scan# 20
Delta R.T. 0.053 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

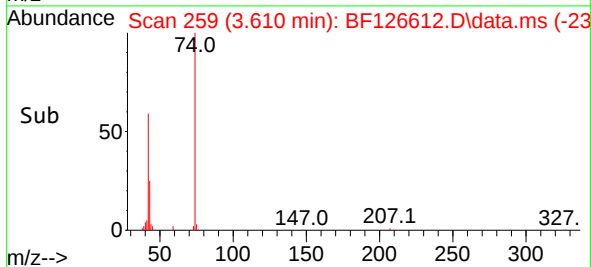
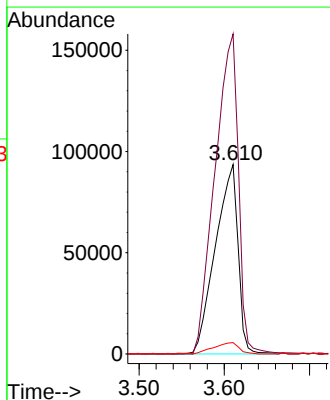
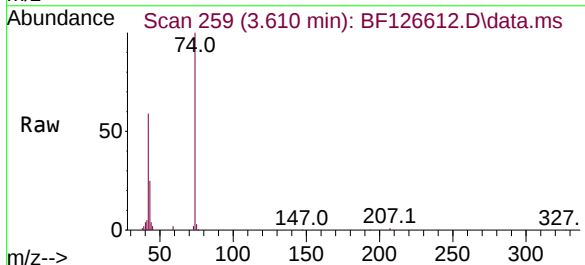
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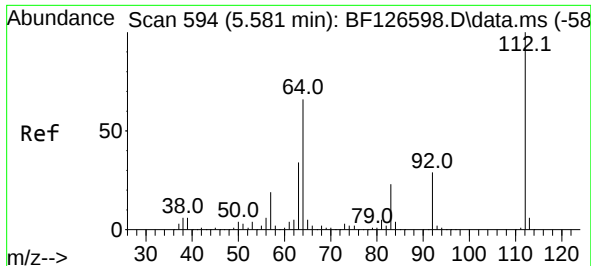
Tgt Ion: 79 Resp: 379995
Ion Ratio Lower Upper
79 100
52 54.6 56.2 84.4#
51 27.7 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 54.290 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.053 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion: 42 Resp: 172788
Ion Ratio Lower Upper
42 100
74 169.0 125.6 188.4
44 6.0 5.7 8.5

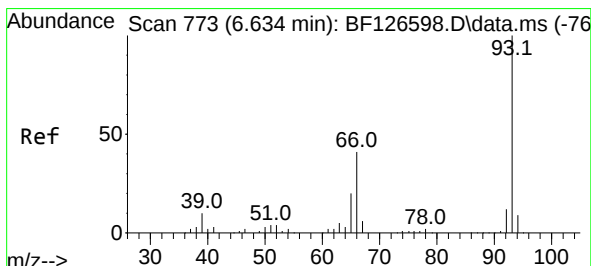
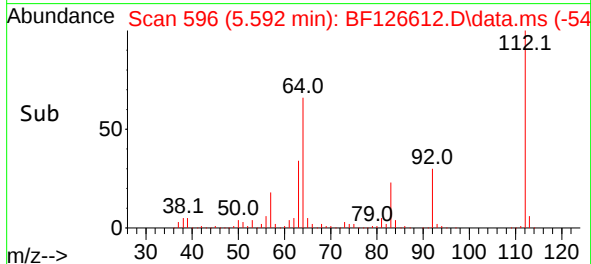
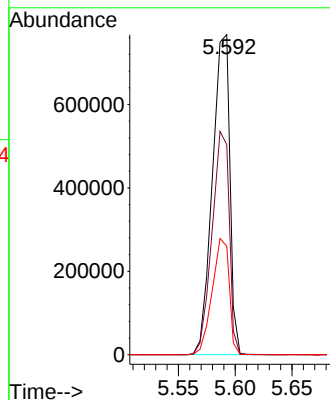
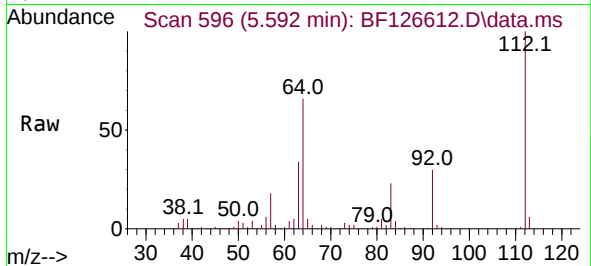




#5
2-Fluorophenol
Concen: 125.819 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

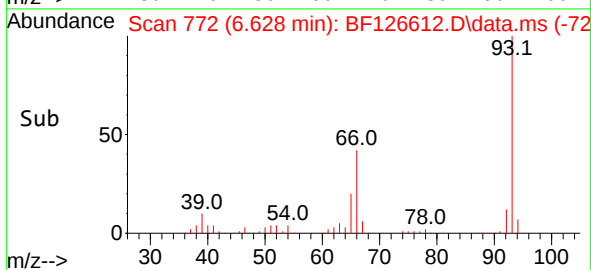
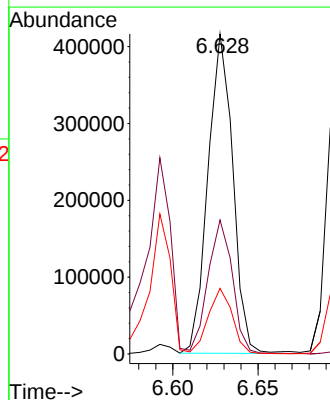
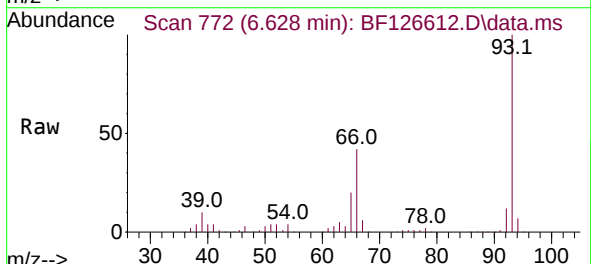
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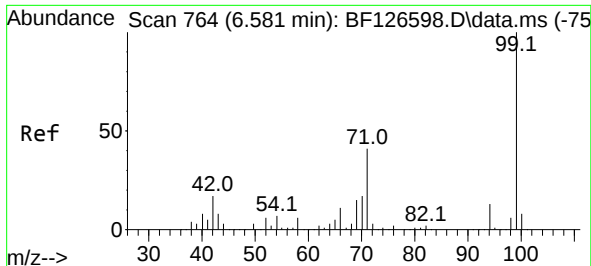
Tgt Ion:112 Resp: 819749
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 33.9 23.9 35.9



#6
Aniline
Concen: 37.186 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF126612.D
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Tgt Ion: 93 Resp: 421816
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 20.5 16.3 24.5



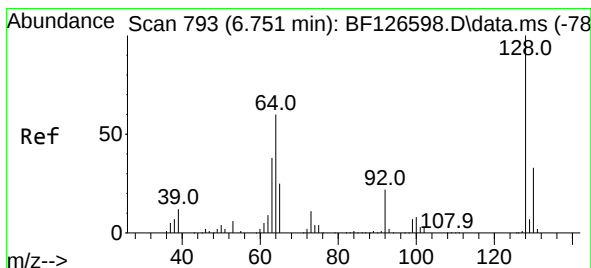
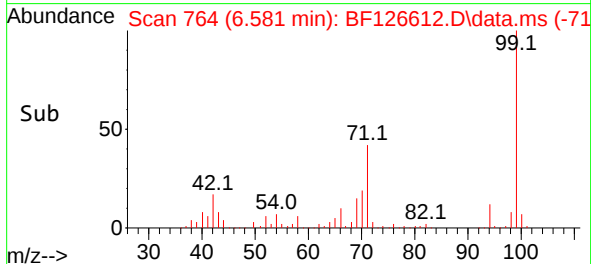
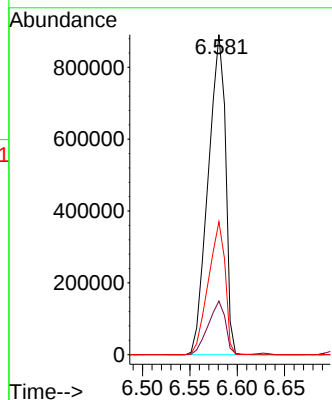
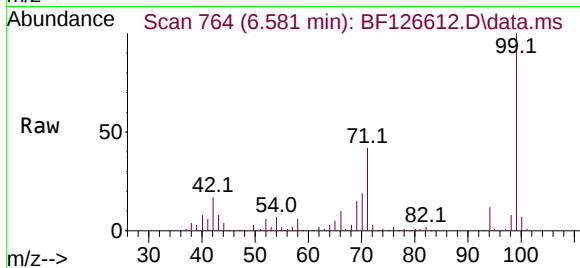


#7
Phenol-d6
Concen: 125.249 ng
RT: 6.581 min Scan# 711
Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 1133782

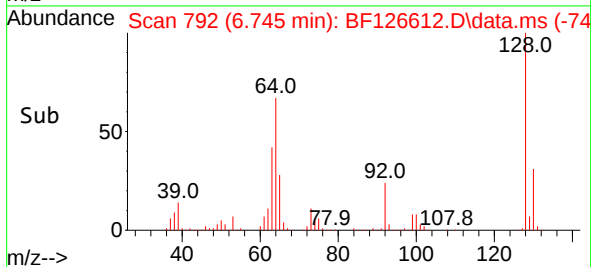
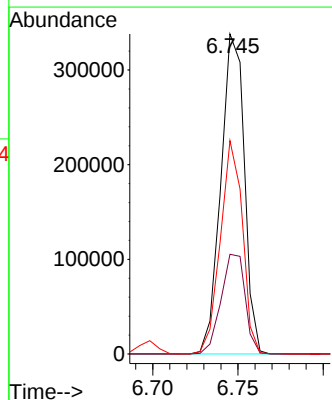
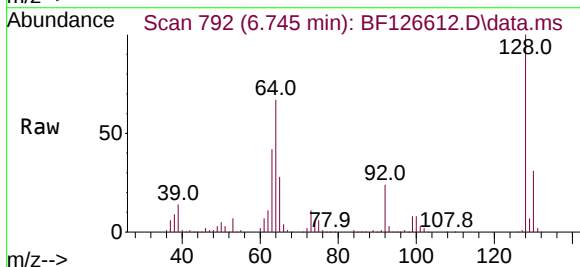
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.4
71	41.5	24.3	36.5

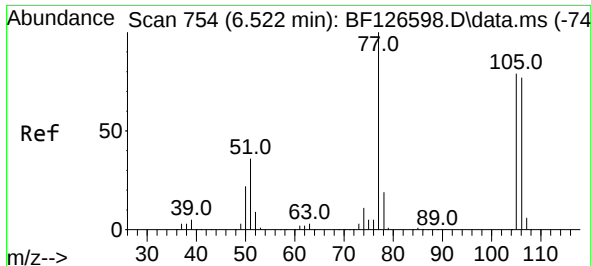


#8
2-Chlorophenol
Concen: 54.230 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 324074

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.7	52.7
64	66.7	35.6	75.6

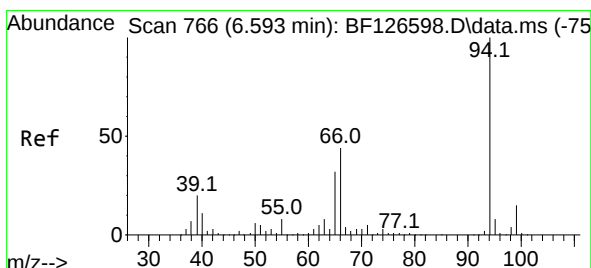
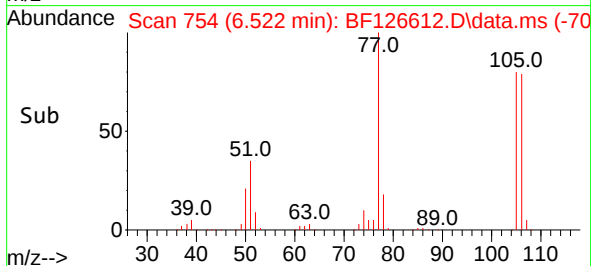
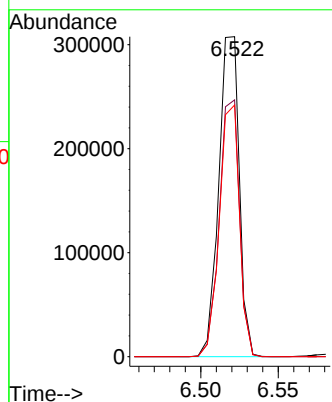
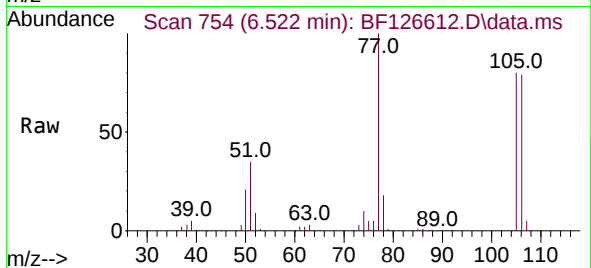




#9
Benzaldehyde
Concen: 52.061 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
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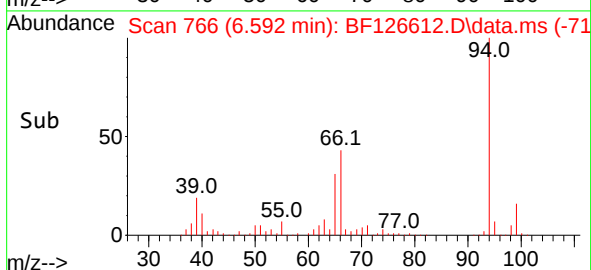
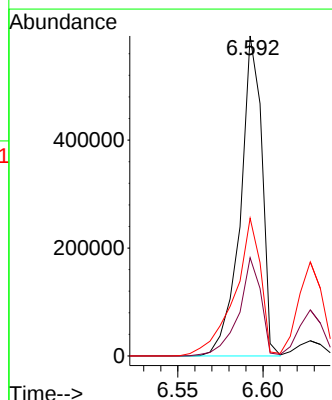
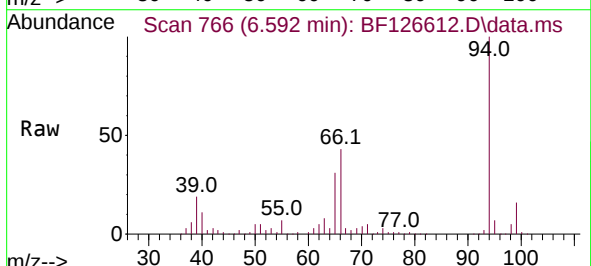
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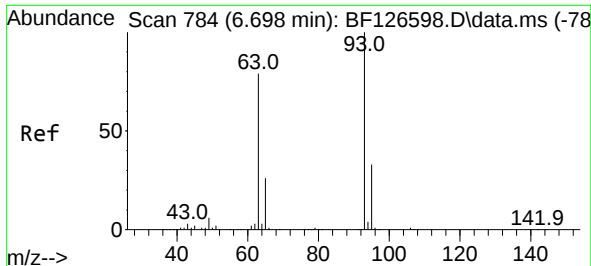
Tgt Ion: 77 Resp: 283942
Ion Ratio Lower Upper
77 100
105 80.3 74.9 114.9
106 78.7 72.4 112.4



#10
Phenol
Concen: 54.085 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion: 94 Resp: 520727
Ion Ratio Lower Upper
94 100
65 30.7 7.2 47.2
66 43.0 14.5 54.5

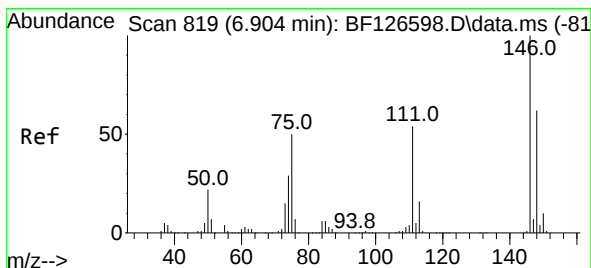
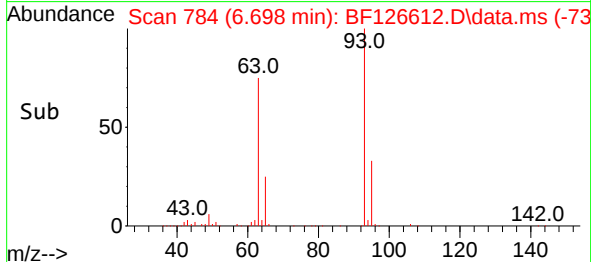
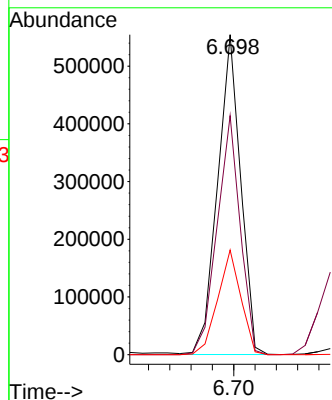
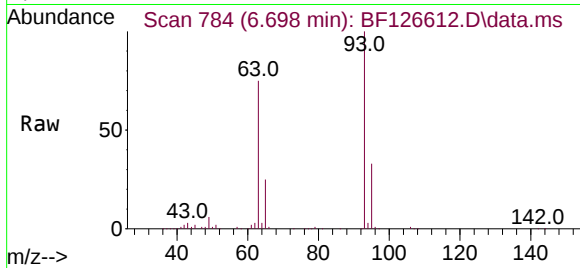




#11
bis(2-Chloroethyl)ether
Concen: 53.341 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

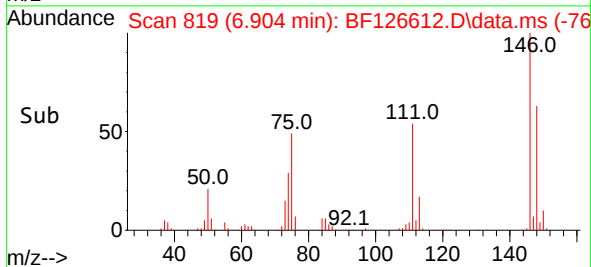
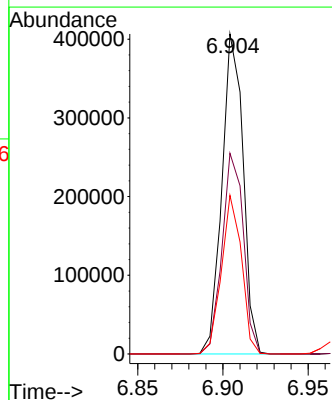
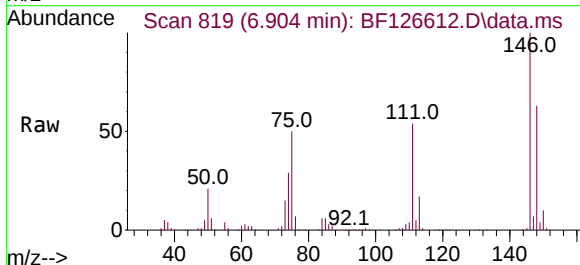
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

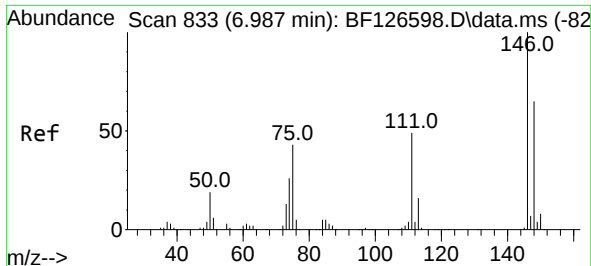
Tgt Ion: 93 Resp: 416749
Ion Ratio Lower Upper
93 100
63 74.7 60.5 100.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 52.946 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:146 Resp: 351253
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 49.6 28.4 42.6#





#13

1,4-Dichlorobenzene

Concen: 53.220 ng

RT: 6.981 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

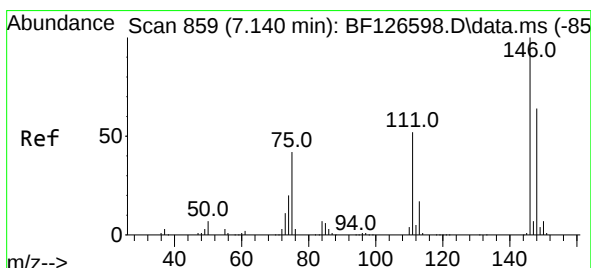
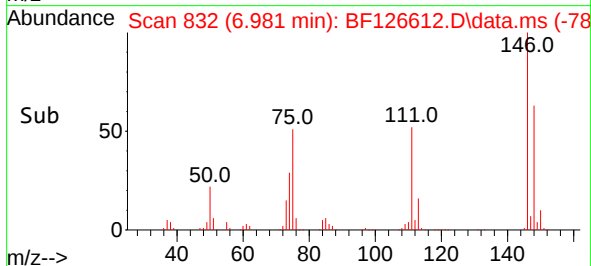
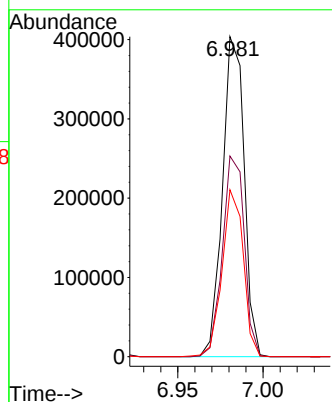
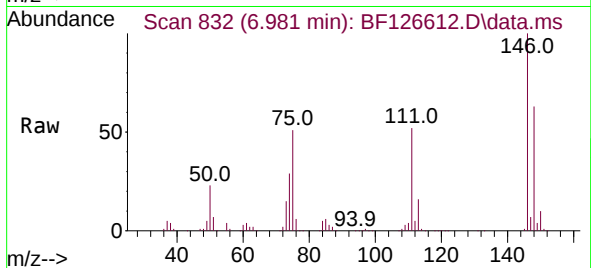
Tgt Ion:146 Resp: 356542

Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 52.2 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 53.562 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

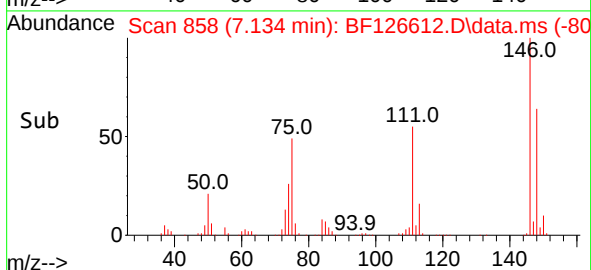
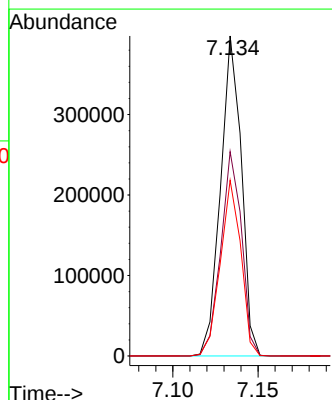
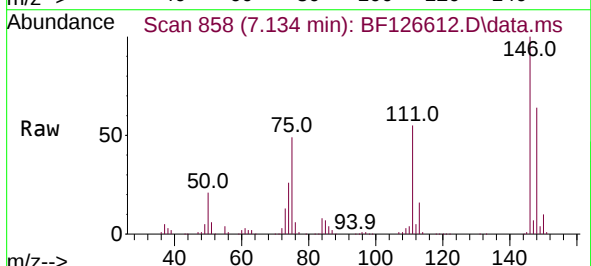
Tgt Ion:146 Resp: 338287

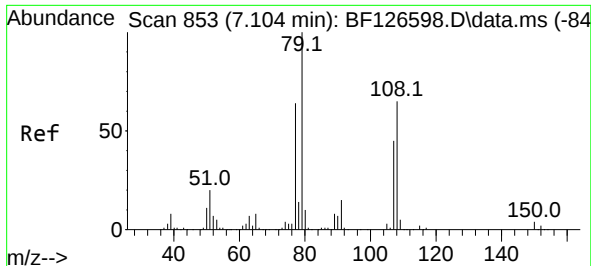
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 54.9 40.2 60.2

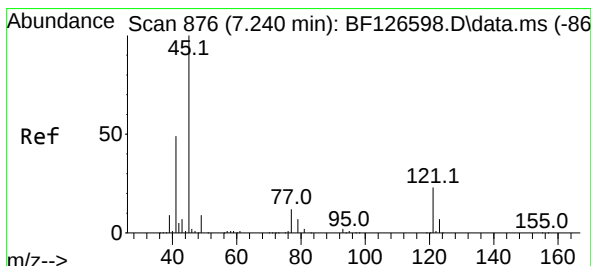
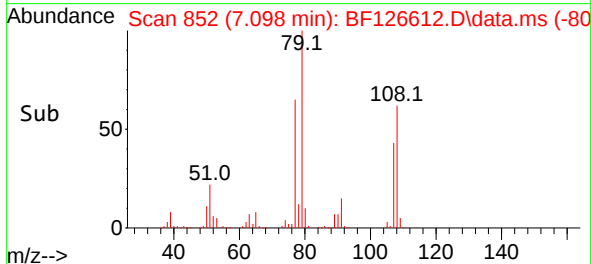
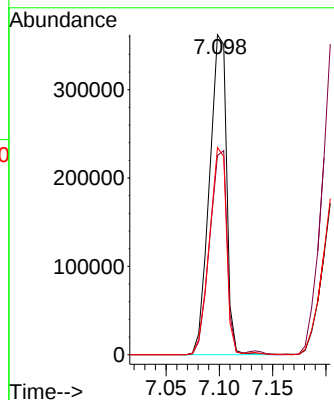
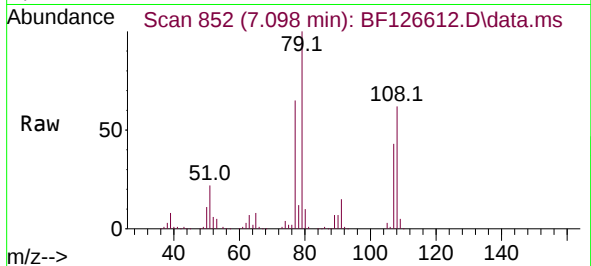




#15
Benzyl Alcohol
Concen: 50.267 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

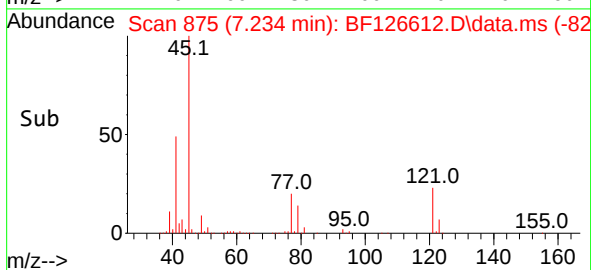
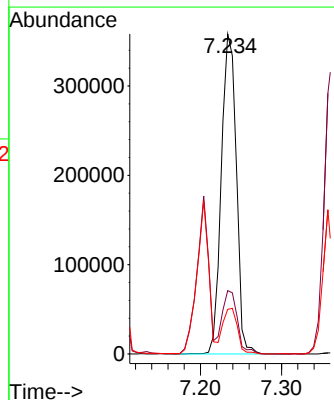
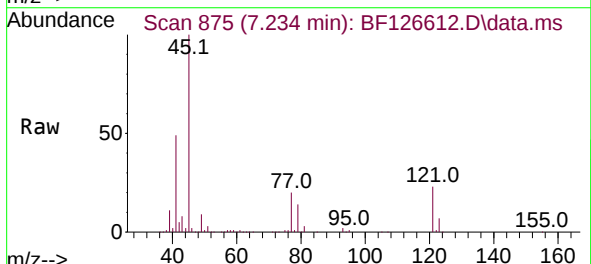
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

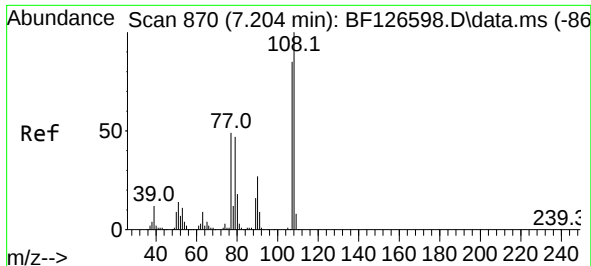
Tgt Ion: 79 Resp: 405678
Ion Ratio Lower Upper
79 100
108 62.3 63.2 94.8#
77 64.8 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.747 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion: 45 Resp: 461256
Ion Ratio Lower Upper
45 100
77 19.8 0.0 32.4
79 13.9 0.0 29.8

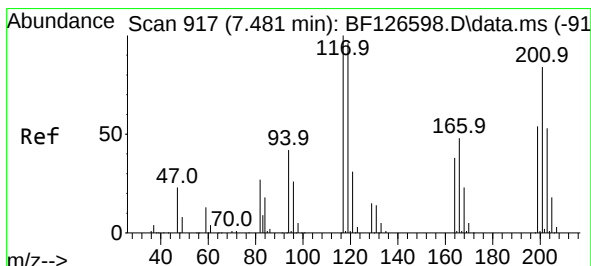
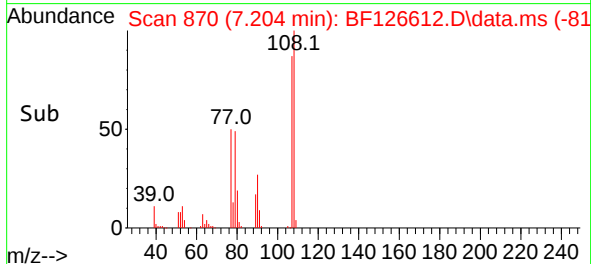
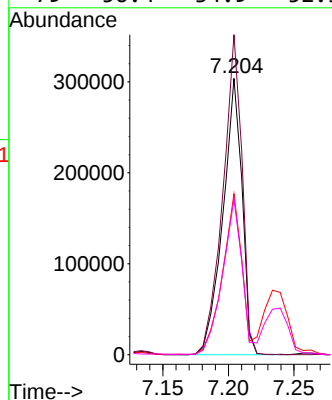
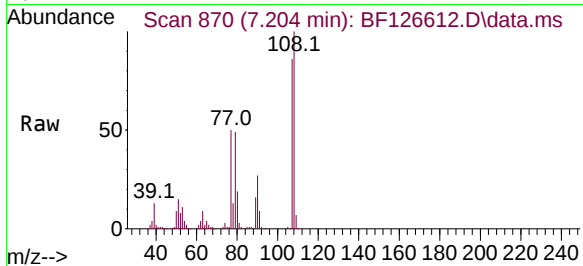




#17
2-Methylphenol
Concen: 52.362 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

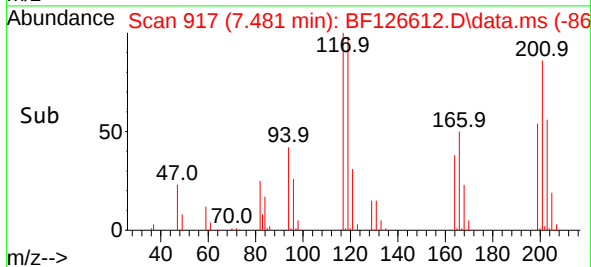
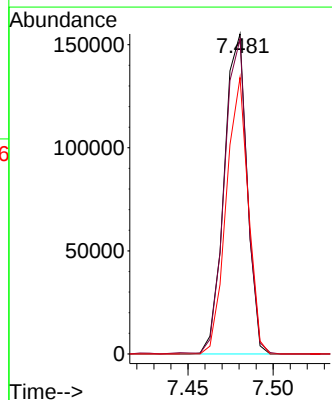
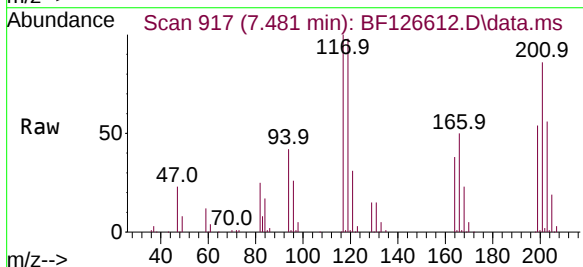
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

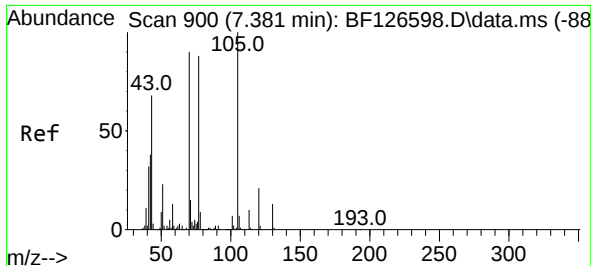
Tgt Ion:107 Resp: 307638
Ion Ratio Lower Upper
107 100
108 115.8 93.4 140.0
77 58.2 36.1 54.1#
79 56.4 34.9 52.3#



#18
Hexachloroethane
Concen: 53.509 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:117 Resp: 144741
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
201 86.4 56.8 85.2#

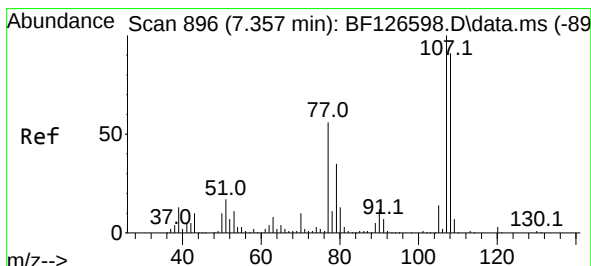
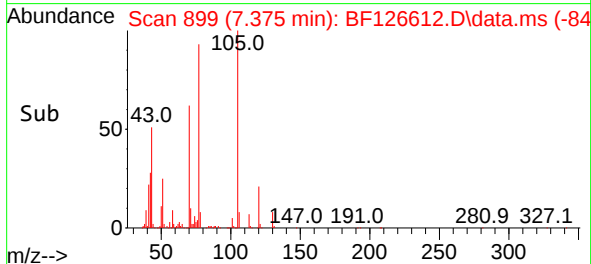
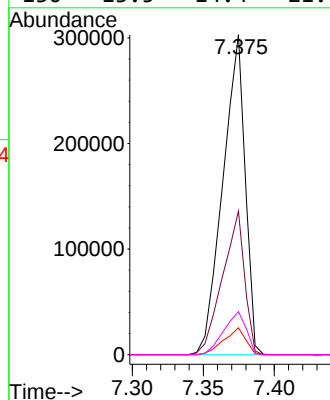
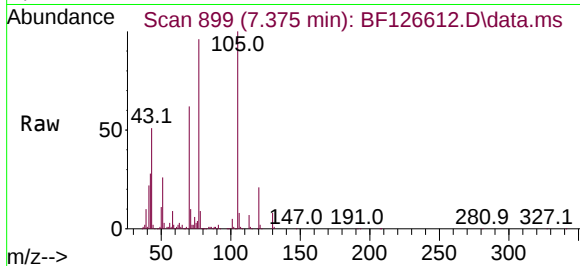




#19
n-Nitroso-di-n-propylamine
Concen: 50.102 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

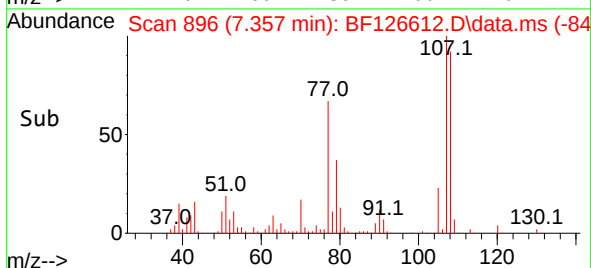
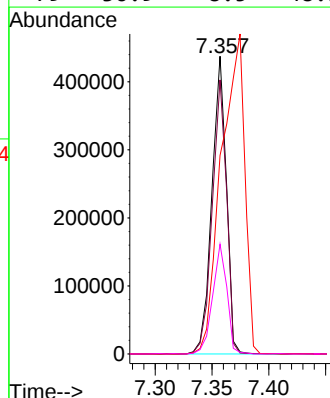
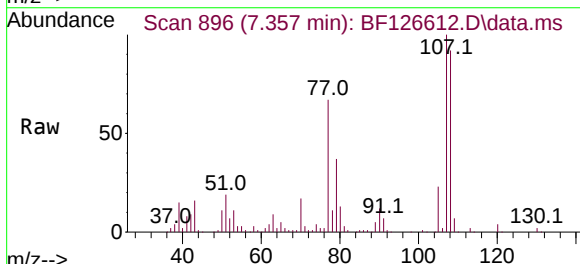
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

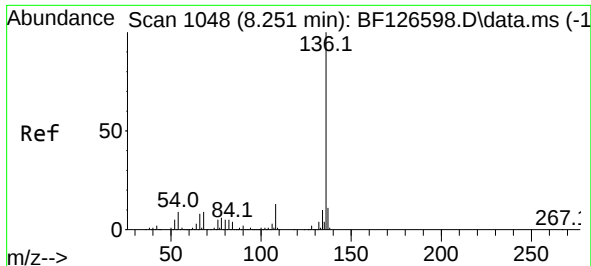
Tgt Ion: 70 Resp: 331014
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 8.4 6.9 10.3
130 13.5 14.4 21.6#



#20
3+4-Methylphenols
Concen: 50.673 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

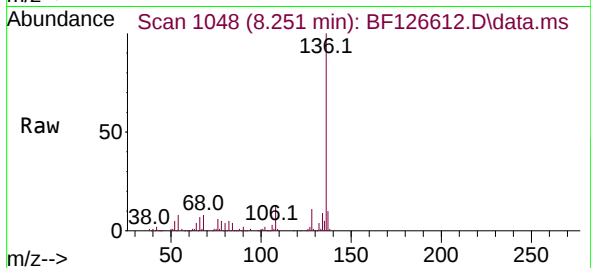
Tgt Ion: 107 Resp: 386024
Ion Ratio Lower Upper
107 100
108 92.1 72.4 112.4
77 66.7 83.8 123.8#
79 36.9 8.5 48.5



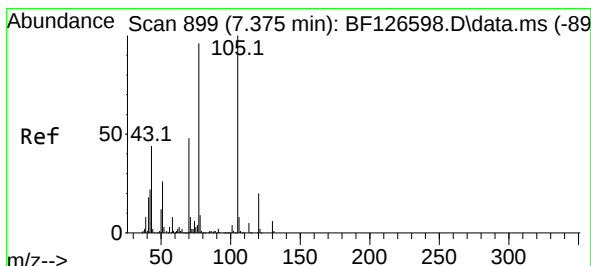
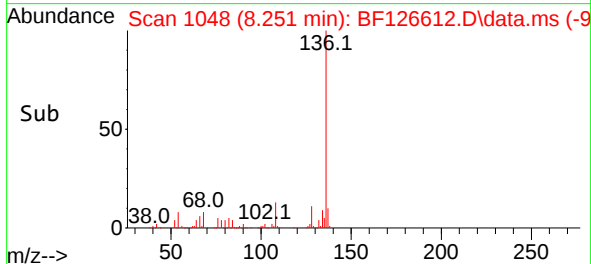
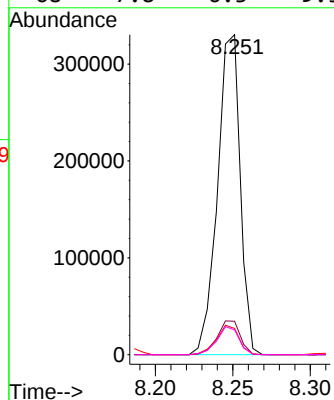


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

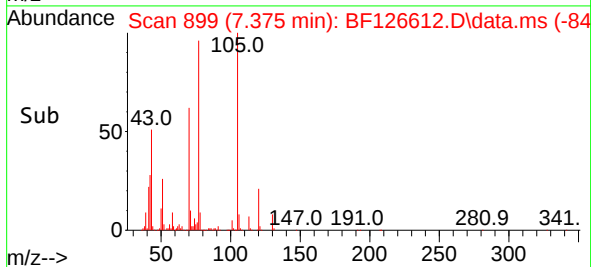
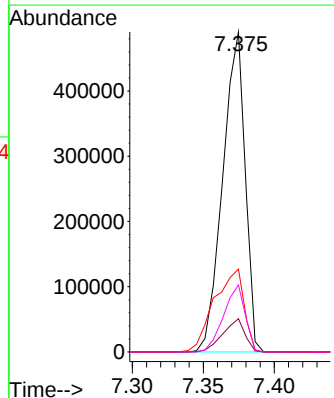
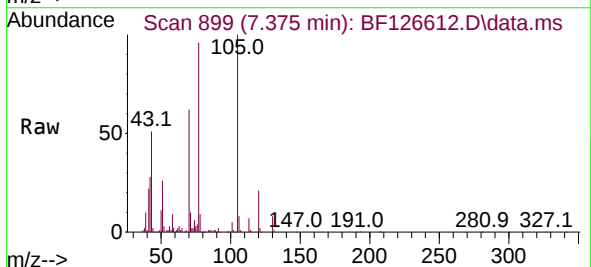


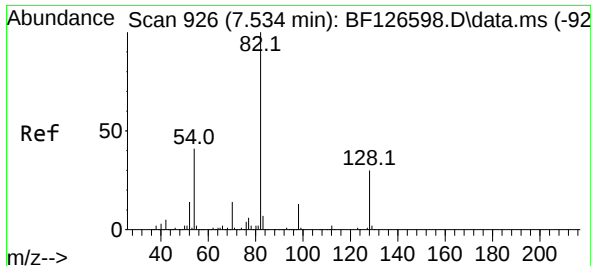
Tgt Ion:	136	Resp:	336926
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.2	7.8	11.6
68	7.8	6.3	9.5



#22
Acetophenone
Concen: 51.791 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:	105	Resp:	537754
Ion Ratio	Lower	Upper	
105	100		
71	10.4	5.4	8.0#
51	25.9	27.4	41.0#
120	20.9	17.0	25.6

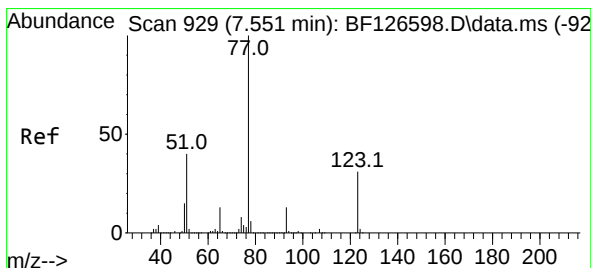
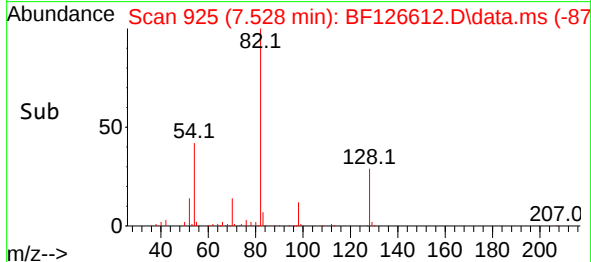
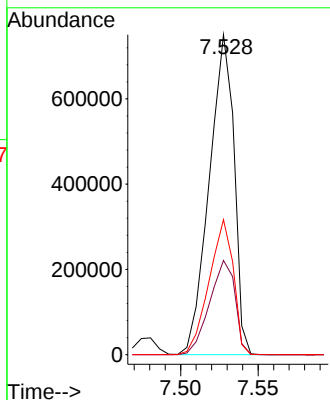
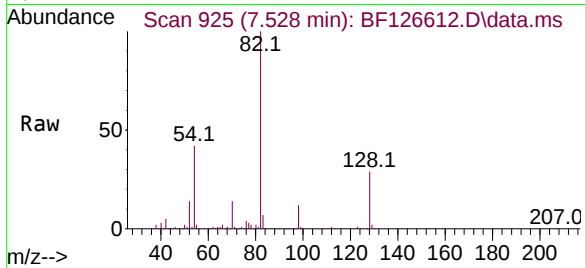




#23
Nitrobenzene-d5
Concen: 97.119 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

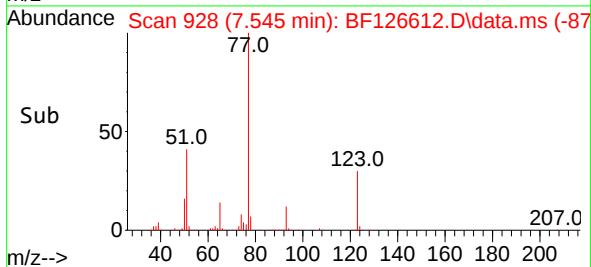
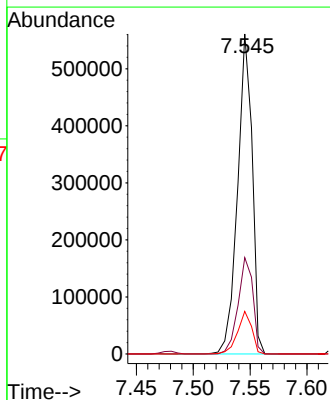
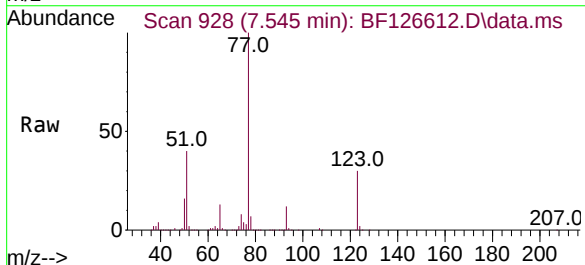
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

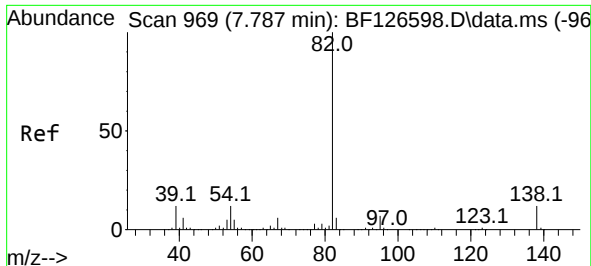
Tgt Ion: 82 Resp: 835999
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1#
54 42.2 41.7 62.5



#24
Nitrobenzene
Concen: 56.231 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion: 77 Resp: 499690
Ion Ratio Lower Upper
77 100
123 30.1 34.6 52.0#
65 13.3 10.6 15.8

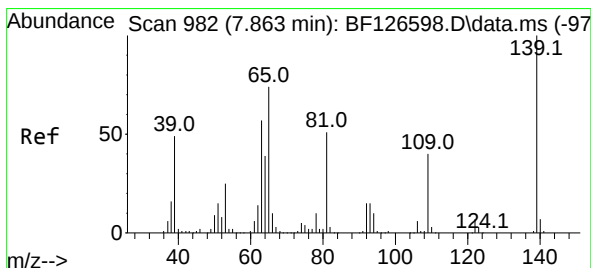
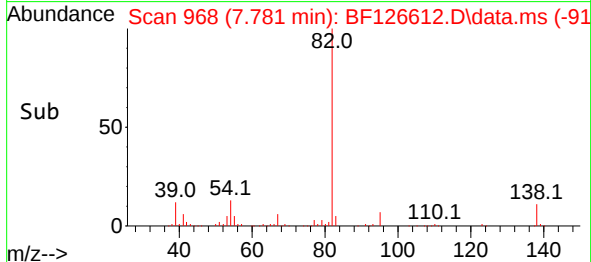
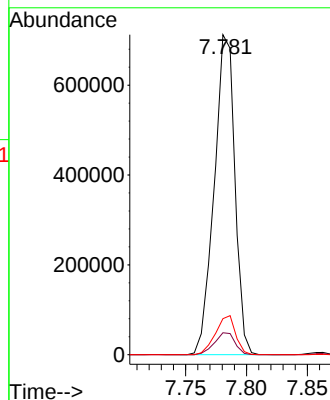
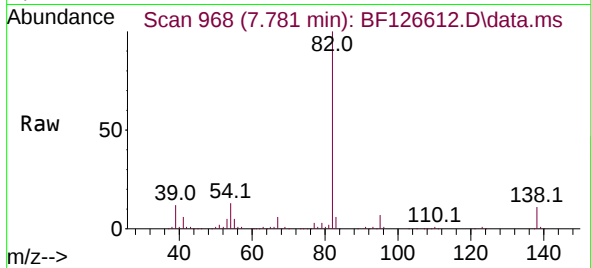




#25
Isophorone
Concen: 50.354 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

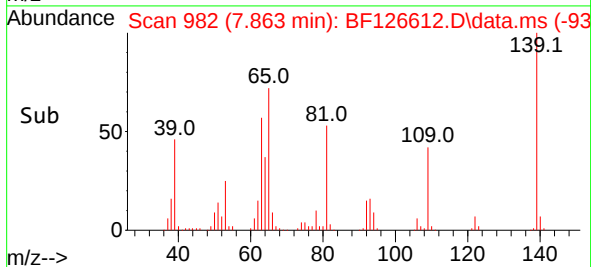
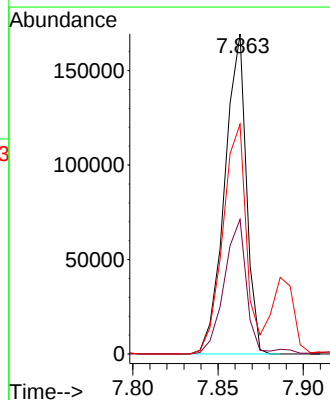
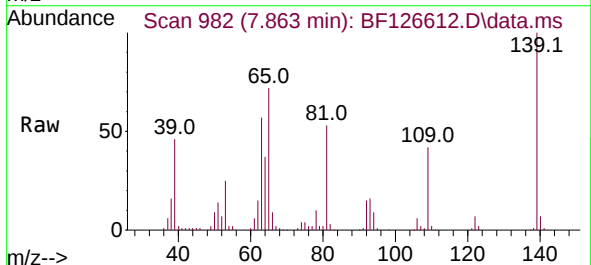
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

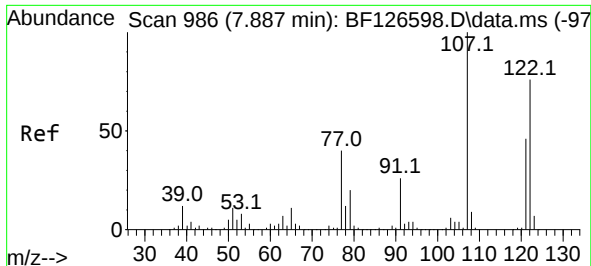
Tgt Ion: 82 Resp: 840597
Ion Ratio Lower Upper
82 100
95 6.9 5.0 7.4
138 11.2 12.3 18.5#



#26
2-Nitrophenol
Concen: 64.690 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:139 Resp: 149956
Ion Ratio Lower Upper
139 100
109 42.0 20.0 30.0#
65 71.8 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 57.088 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

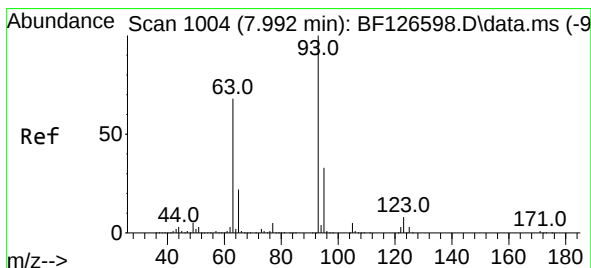
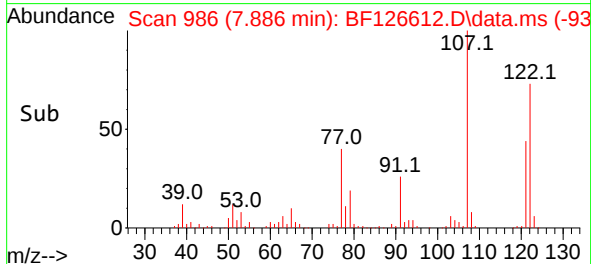
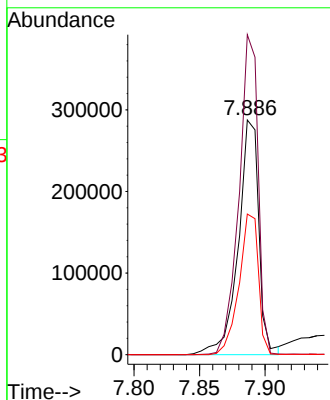
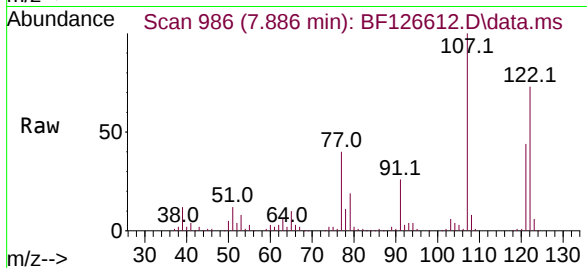
Tgt Ion:122 Resp: 314044

Ion Ratio Lower Upper

122 100

107 136.3 91.2 136.8

121 59.9 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.756 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

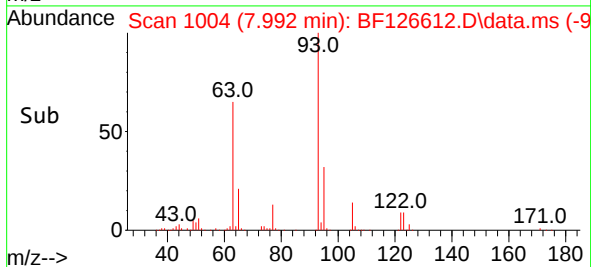
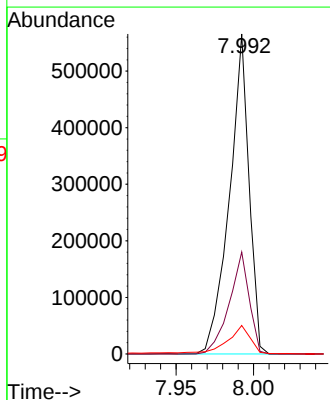
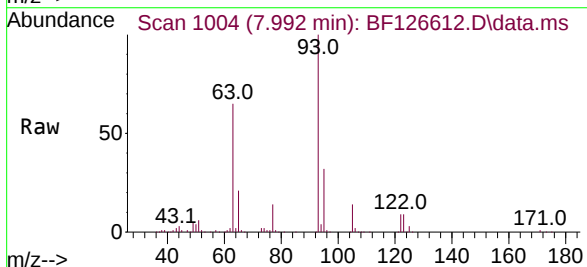
Tgt Ion: 93 Resp: 497213

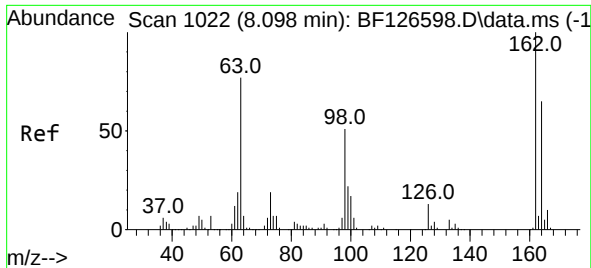
Ion Ratio Lower Upper

93 100

95 31.9 25.4 38.2

123 8.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.673 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

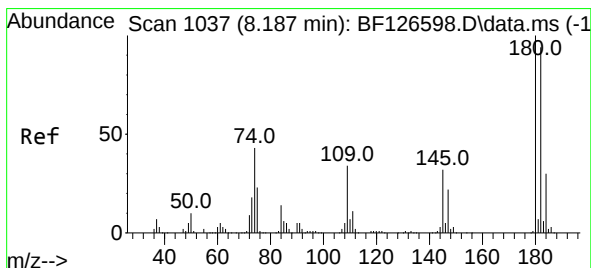
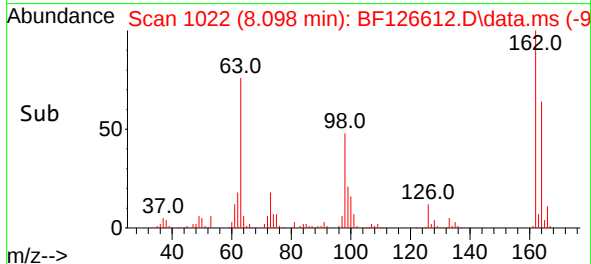
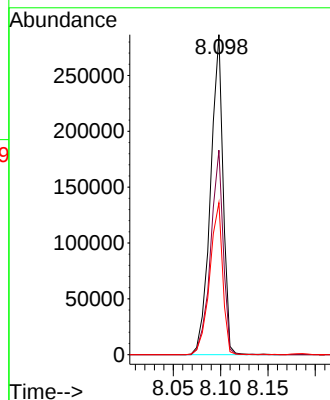
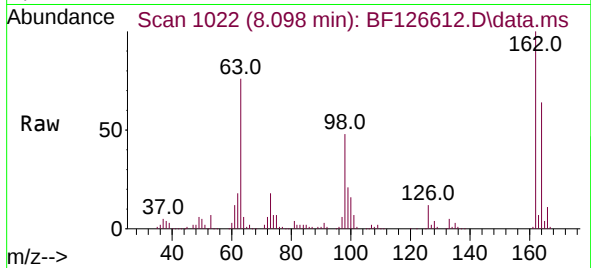
Tgt Ion:162 Resp: 264425

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 47.5 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 50.253 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

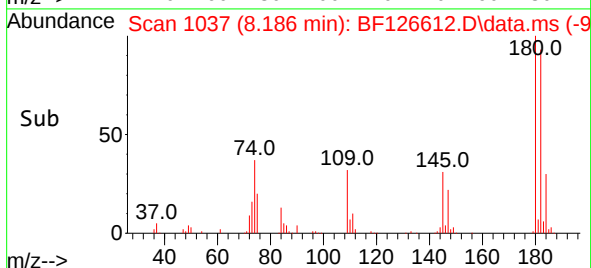
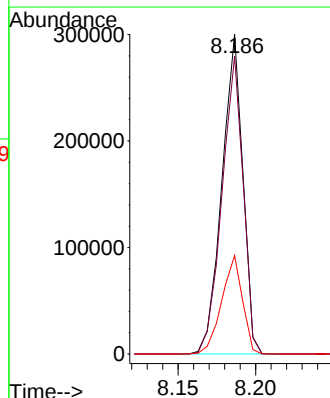
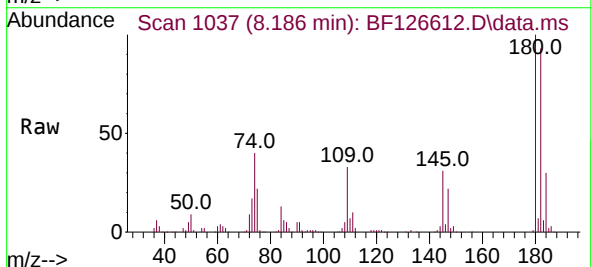
Tgt Ion:180 Resp: 281214

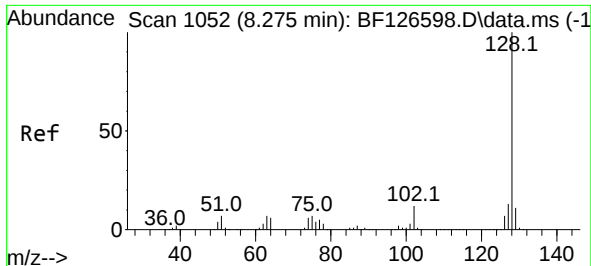
Ion Ratio Lower Upper

180 100

182 93.1 75.5 113.3

145 30.7 26.2 39.2

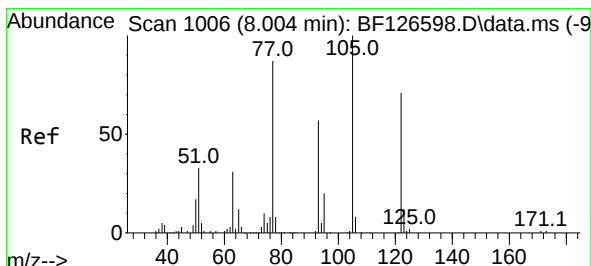
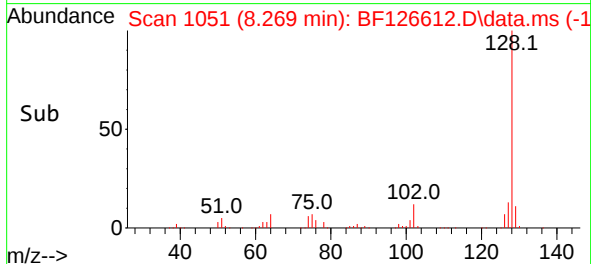
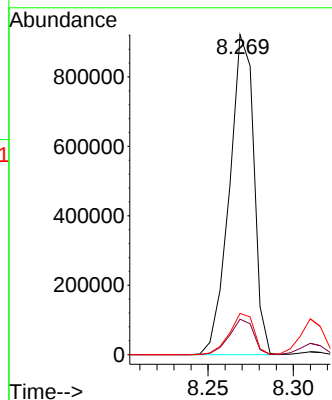
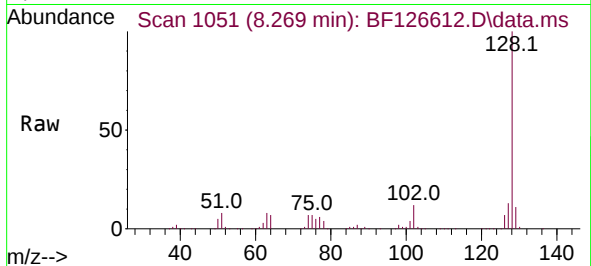




#31
Naphthalene
Concen: 50.589 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

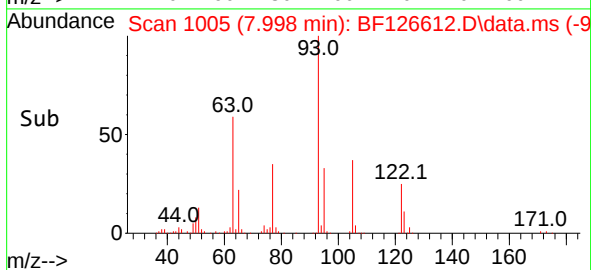
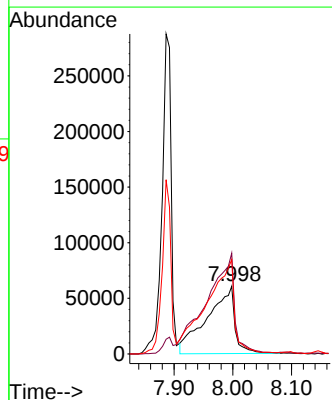
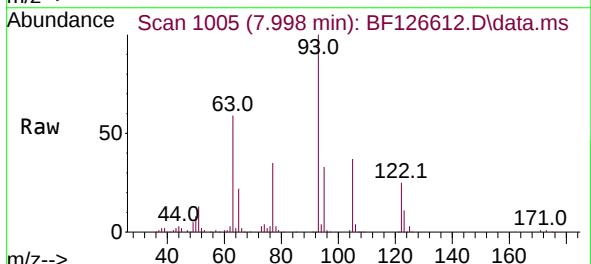
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

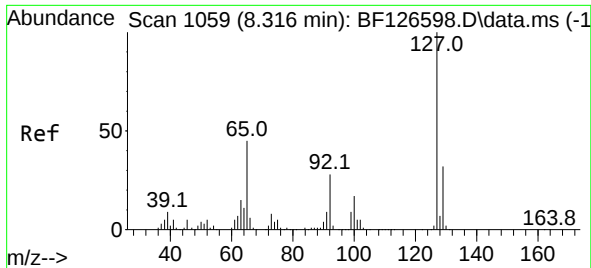
Tgt Ion:128 Resp: 920791
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 63.463 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:122 Resp: 198041
Ion Ratio Lower Upper
122 100
105 149.0 101.0 141.0#
77 139.5 74.5 114.5#



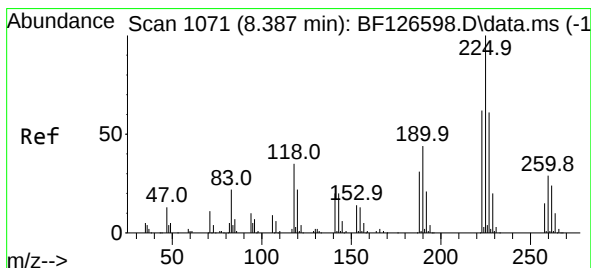
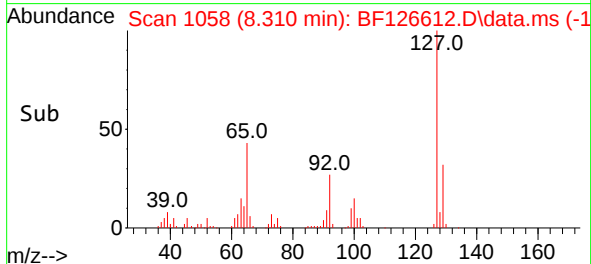
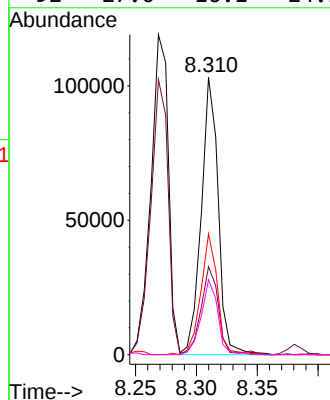
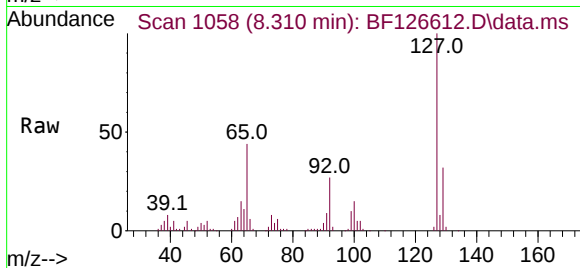


#33
4-Chloroaniline
Concen: 13.803 ng
RT: 8.310 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Tgt Ion:127 Resp: 100373

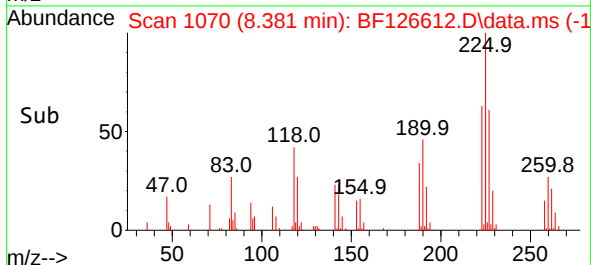
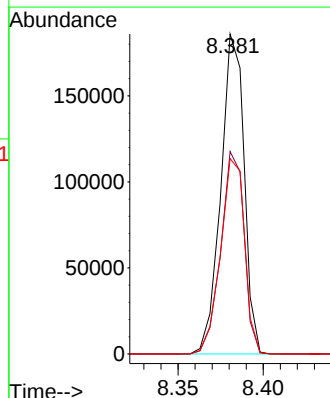
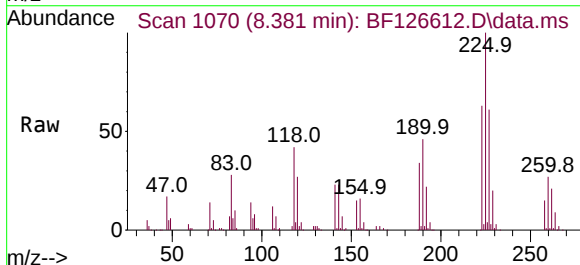
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	43.5	26.6	39.8#
92	27.0	16.1	24.1#

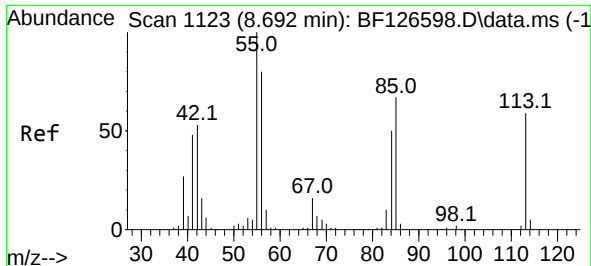


#34
Hexachlorobutadiene
Concen: 49.605 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:225 Resp: 176576

Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	73.0
227	61.0	51.4	77.0

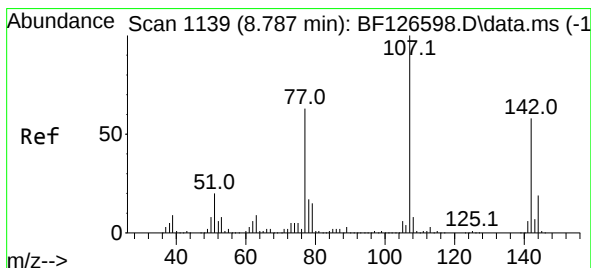
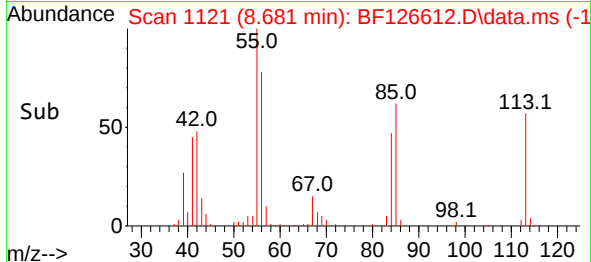
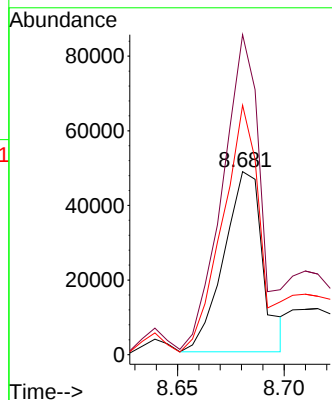
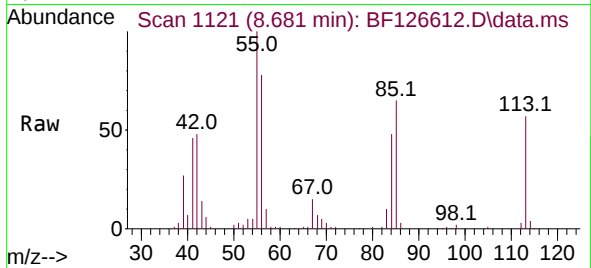




#35
Caprolactam
Concen: 33.174 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

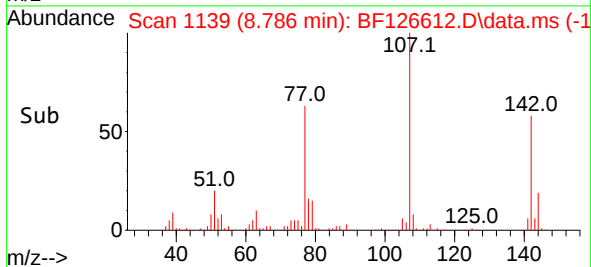
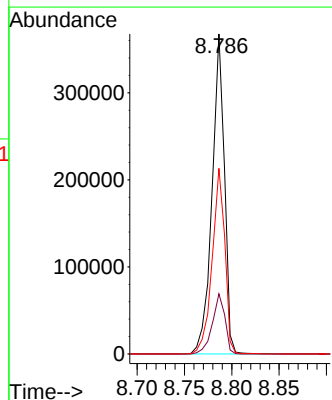
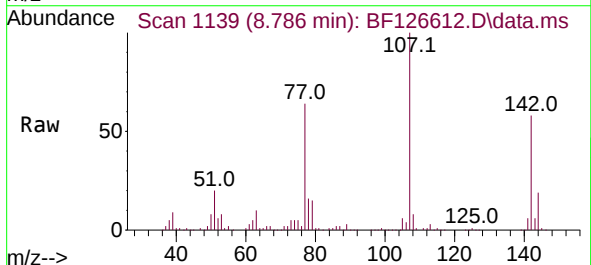
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

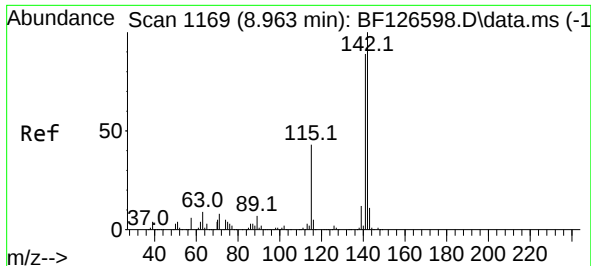
Tgt Ion:113 Resp: 61819
Ion Ratio Lower Upper
113 100
55 174.8 183.9 223.9#
56 136.3 129.9 169.9



#36
4-Chloro-3-methylphenol
Concen: 48.863 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:107 Resp: 333439
Ion Ratio Lower Upper
107 100
144 18.8 18.5 27.7
142 58.0 58.1 87.1#





#37

2-Methylnaphthalene

Concen: 51.737 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

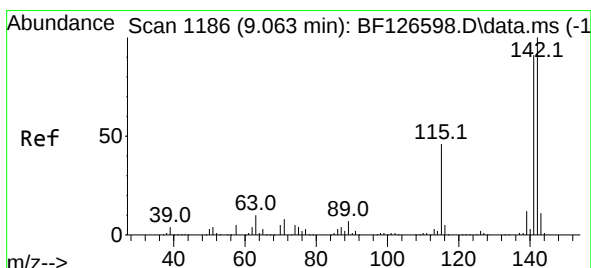
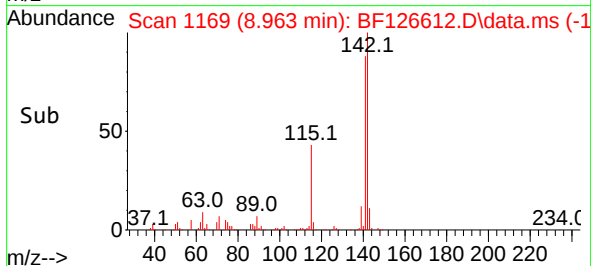
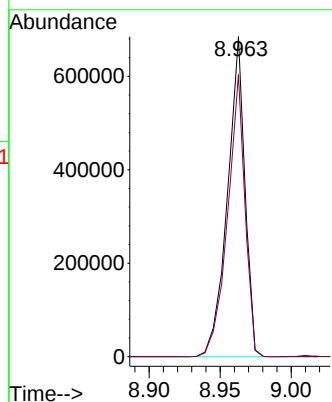
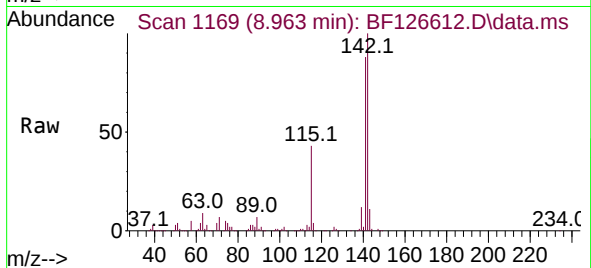
MTR-SOIL-2MSD

Tgt Ion:142 Resp: 585642

Ion Ratio Lower Upper

142 100

141 88.1 68.6 102.8



#38

1-Methylnaphthalene

Concen: 48.851 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF126612.D

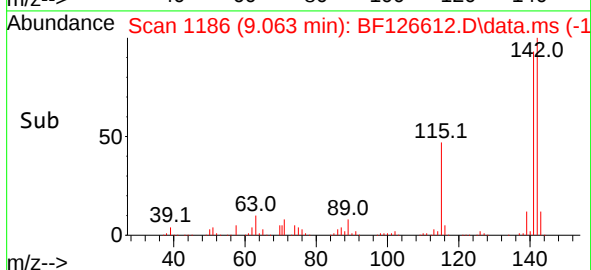
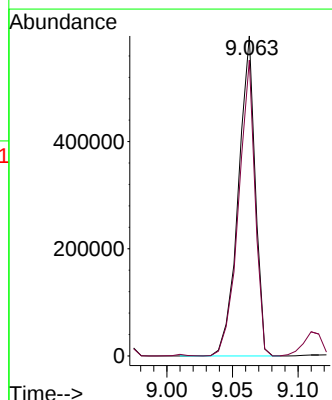
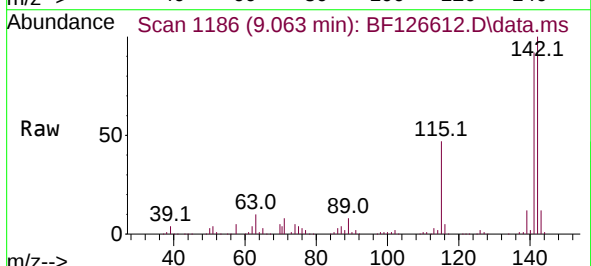
Acq: 20 Jan 2022 15:51

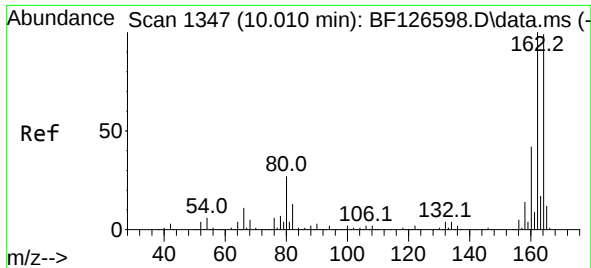
Tgt Ion:142 Resp: 535975

Ion Ratio Lower Upper

142 100

141 92.4 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: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

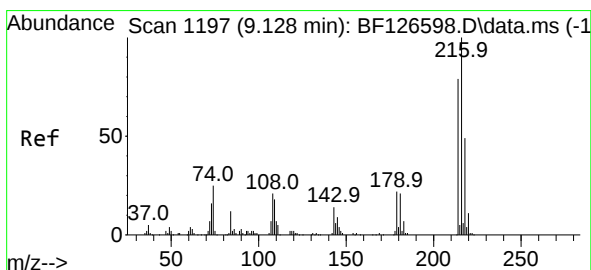
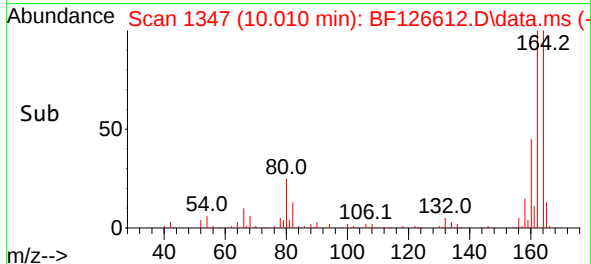
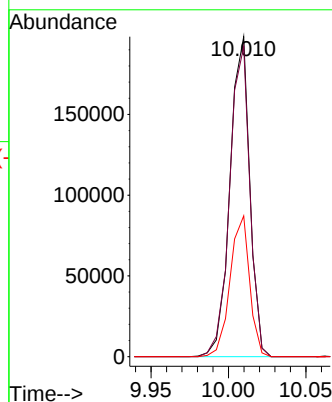
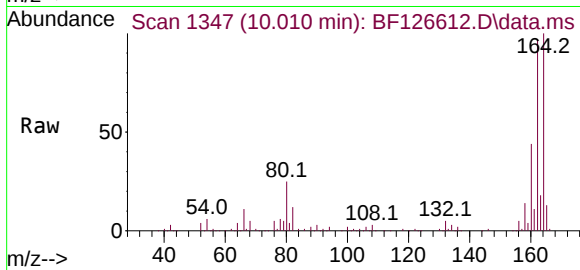
Tgt Ion:164 Resp: 176313

Ion Ratio Lower Upper

164 100

162 96.9 81.4 122.0

160 44.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.158 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Tgt Ion:216 Resp: 267824

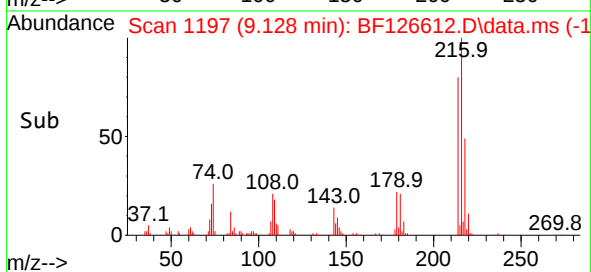
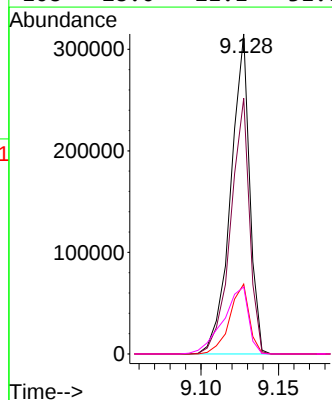
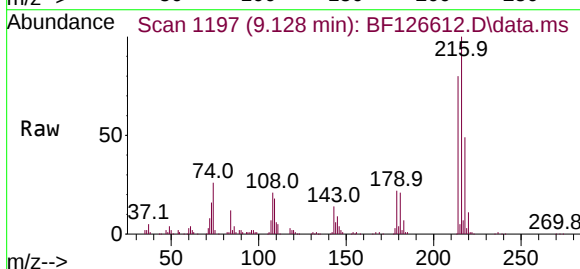
Ion Ratio Lower Upper

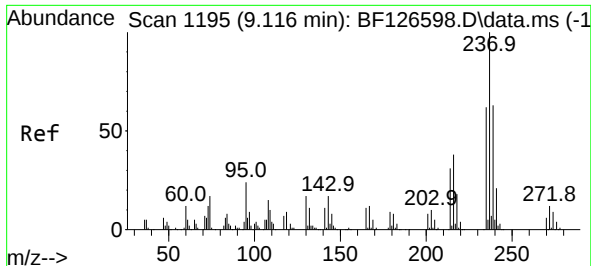
216 100

214 79.2 64.6 96.8

179 22.5 19.5 29.3

108 28.0 21.1 31.7

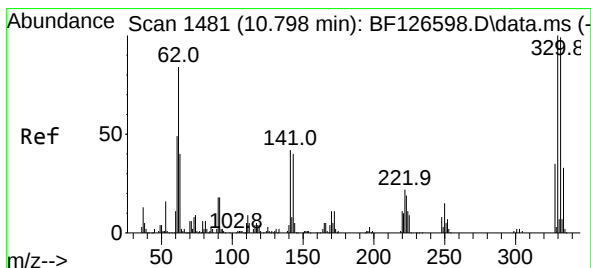
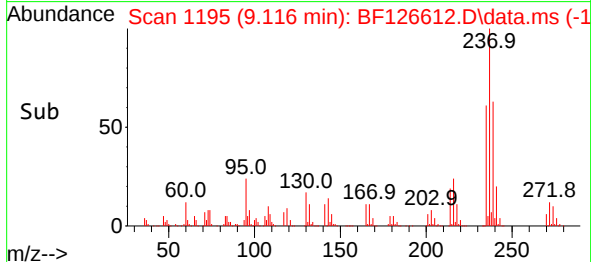
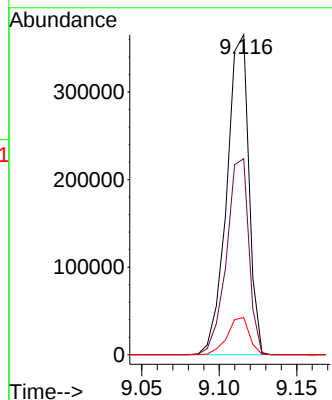
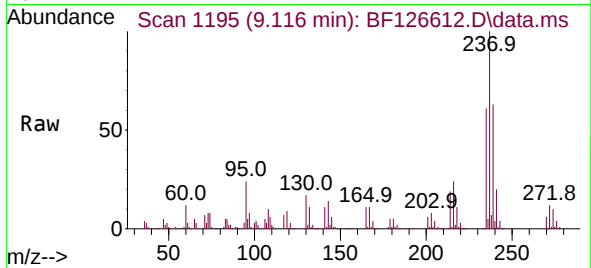




#41
Hexachlorocyclopentadiene
Concen: 120.570 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

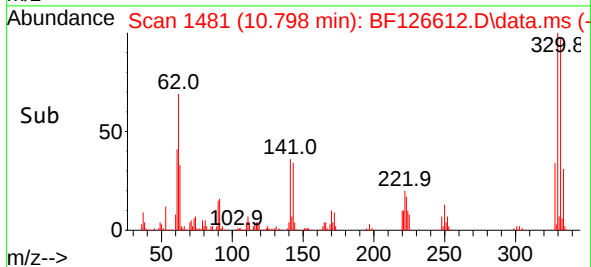
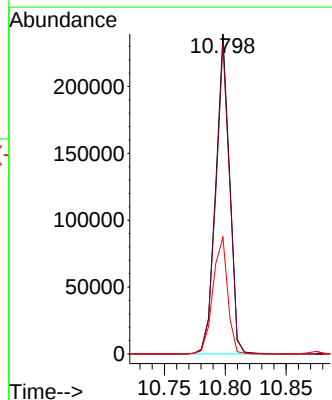
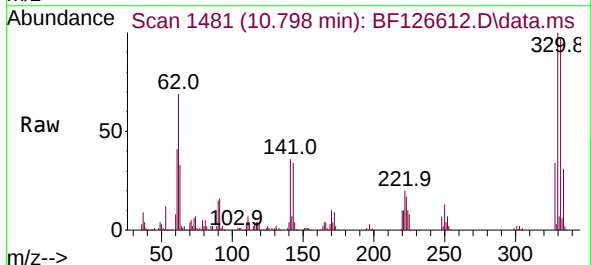
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

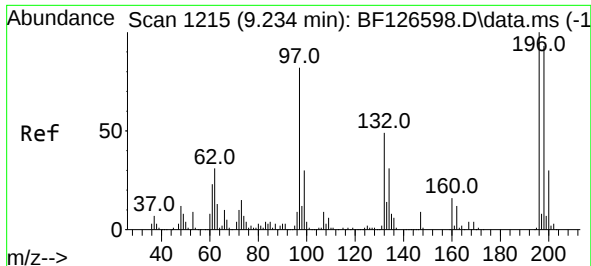
Tgt Ion:237 Resp: 363026
Ion Ratio Lower Upper
237 100
235 61.3 38.9 78.9
272 11.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 114.238 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:330 Resp: 188494
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 38.6 30.1 45.1

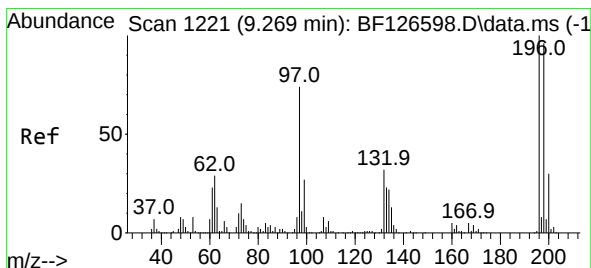
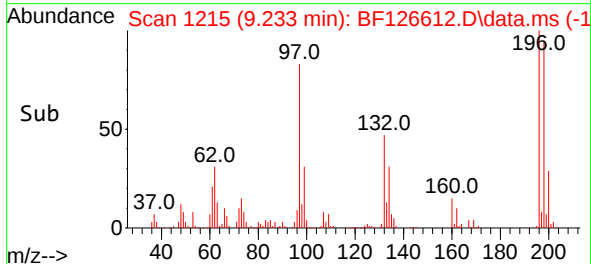
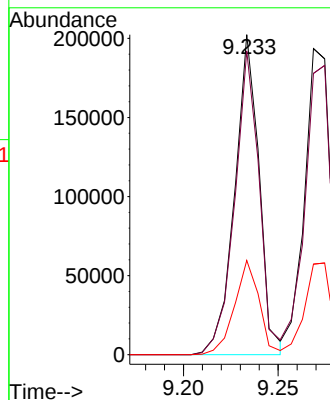
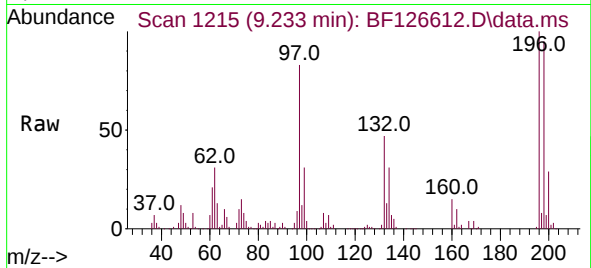




#43
2,4,6-Trichlorophenol
Concen: 51.271 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

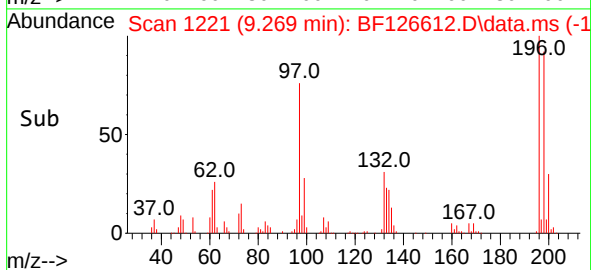
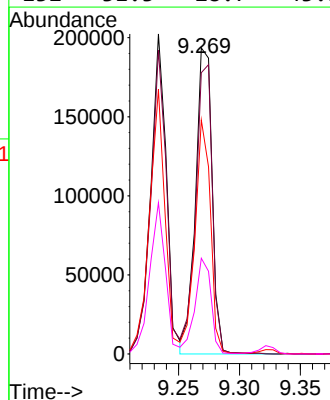
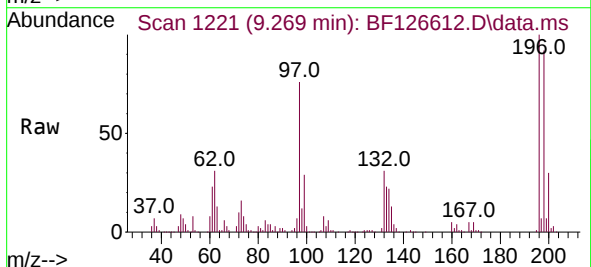
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

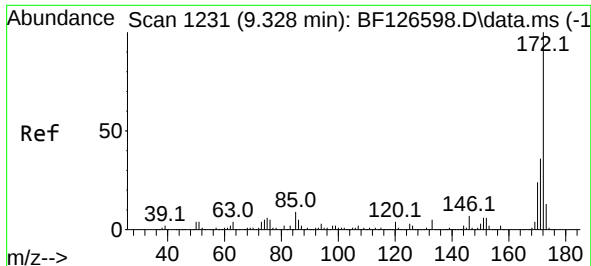
Tgt Ion:196 Resp: 180749
Ion Ratio Lower Upper
196 100
198 94.9 78.5 117.7
200 29.5 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 50.358 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:196 Resp: 183867
Ion Ratio Lower Upper
196 100
198 91.9 82.0 123.0
97 76.4 53.5 80.3
132 31.3 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 82.276 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

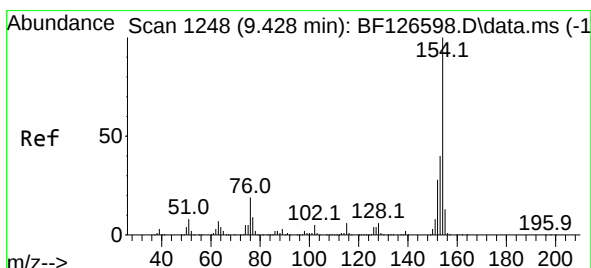
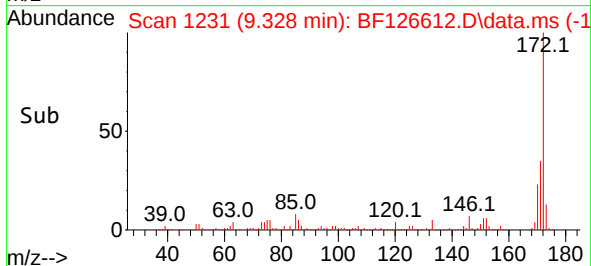
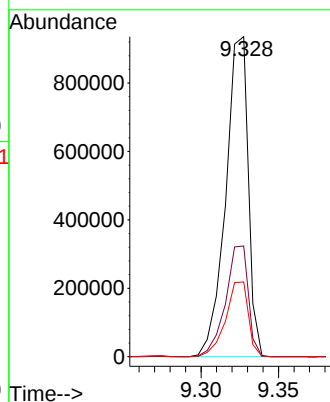
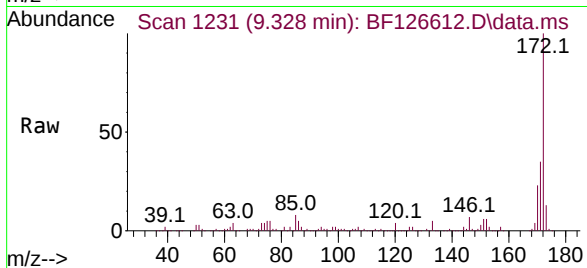
Tgt Ion:172 Resp: 947195

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 53.391 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

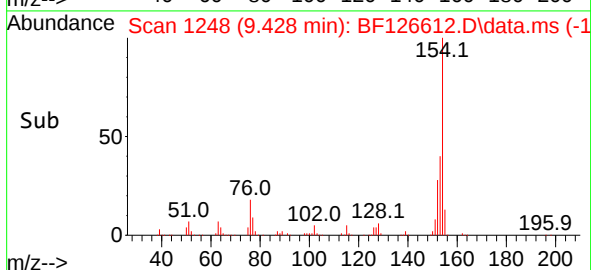
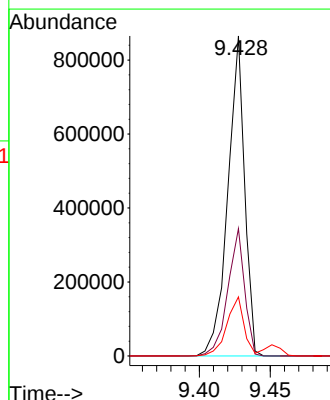
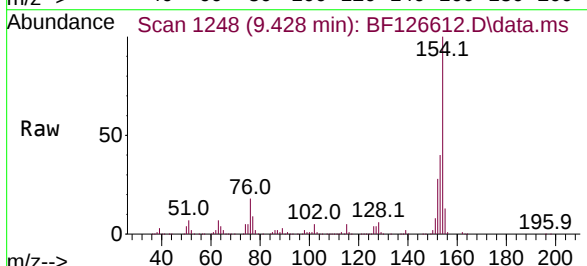
Tgt Ion:154 Resp: 709203

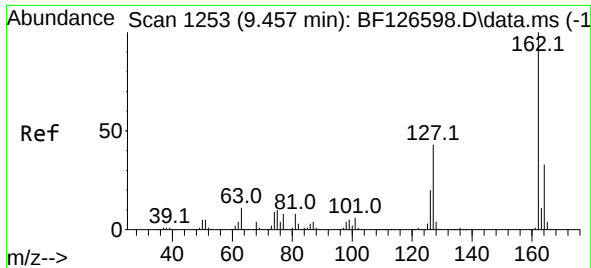
Ion Ratio Lower Upper

154 100

153 39.8 19.0 59.0

76 18.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 51.625 ng

RT: 9.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

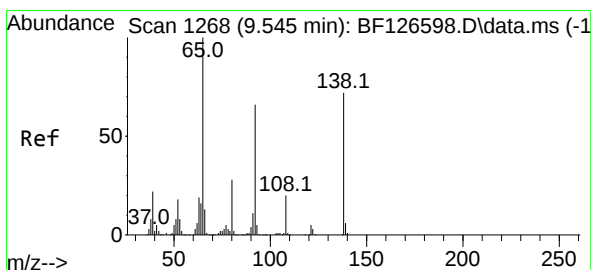
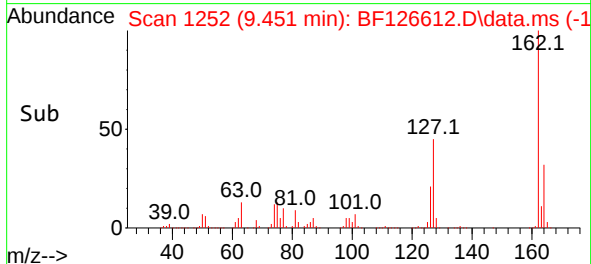
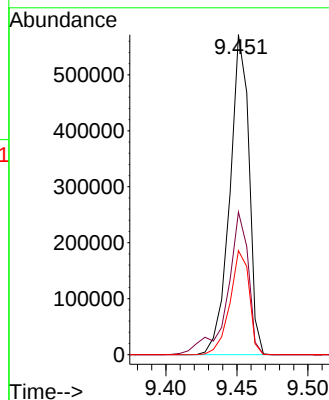
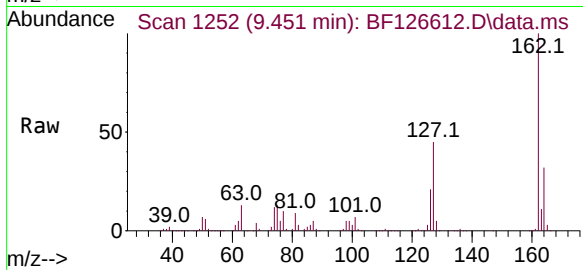
Tgt Ion:162 Resp: 538757

Ion Ratio Lower Upper

162 100

127 44.6 33.5 50.3

164 32.5 26.2 39.4



#48

2-Nitroaniline

Concen: 61.982 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

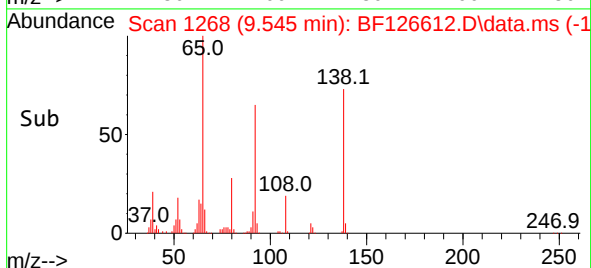
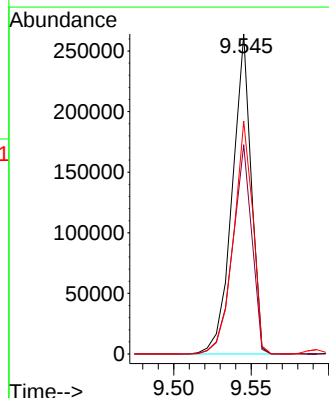
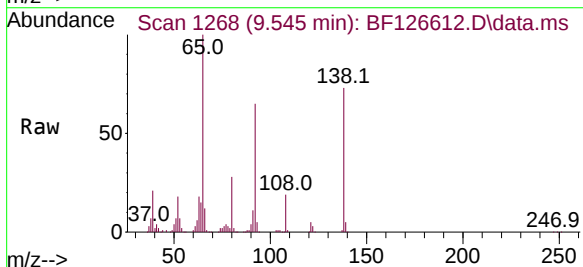
Tgt Ion: 65 Resp: 223337

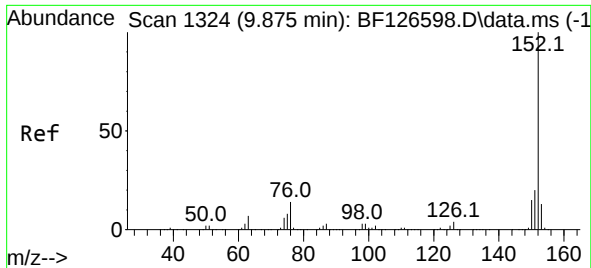
Ion Ratio Lower Upper

65 100

92 65.4 54.4 81.6

138 72.8 72.5 108.7

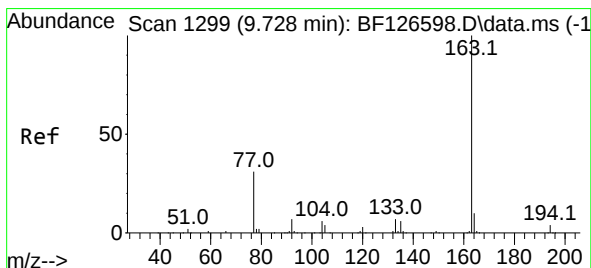
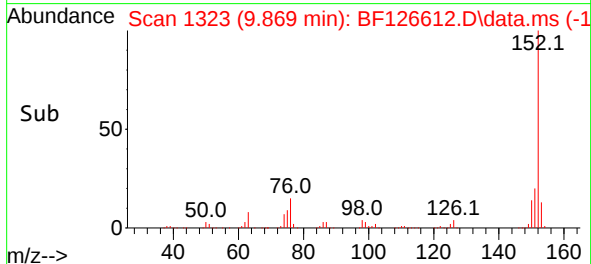
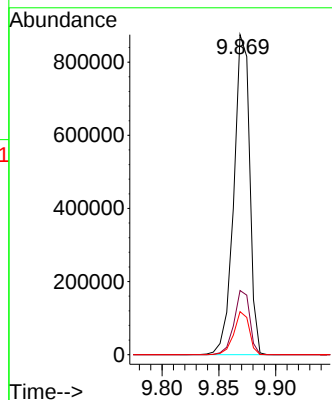
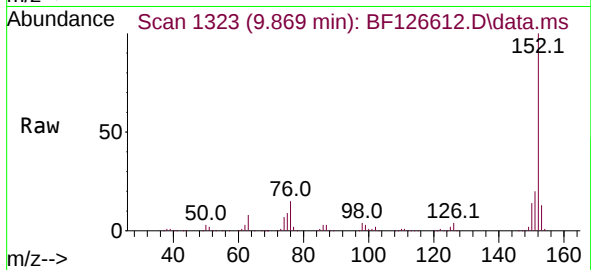




#49
Acenaphthylene
Concen: 51.797 ng
RT: 9.869 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

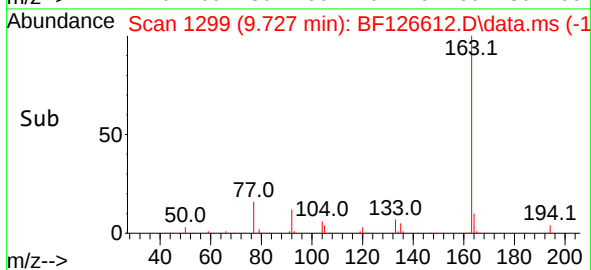
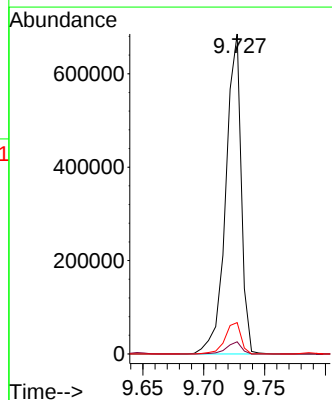
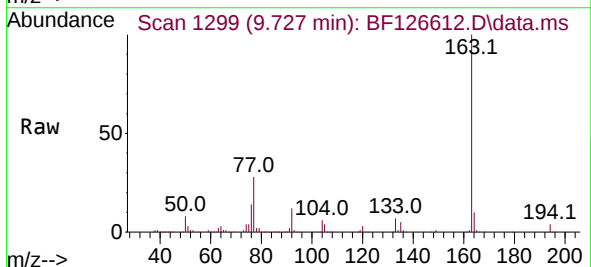
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

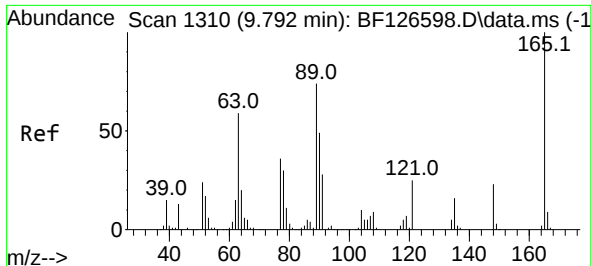
Tgt Ion:152 Resp: 847927
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.5 11.4 17.0



#50
Dimethylphthalate
Concen: 48.317 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:163 Resp: 604213
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 9.8 7.8 11.8

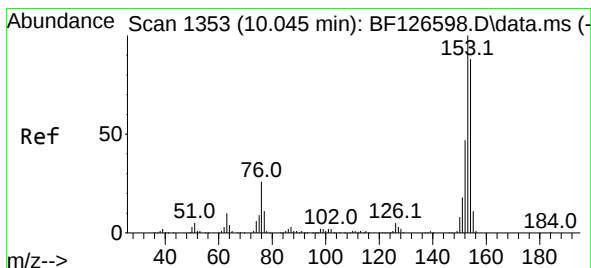
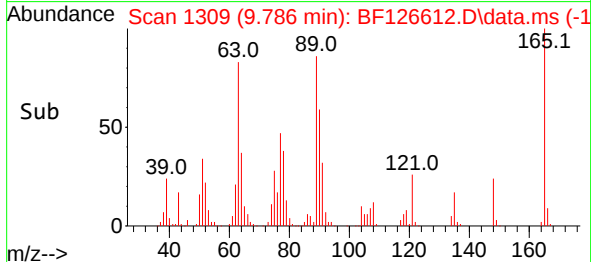
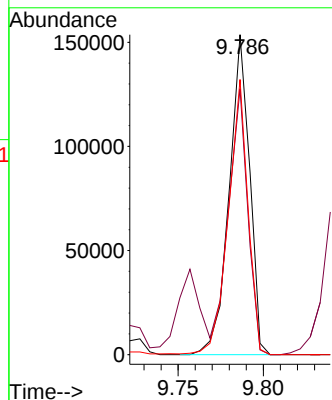
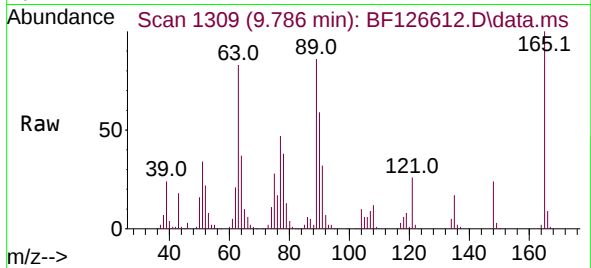




#51
2,6-Dinitrotoluene
Concen: 59.071 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

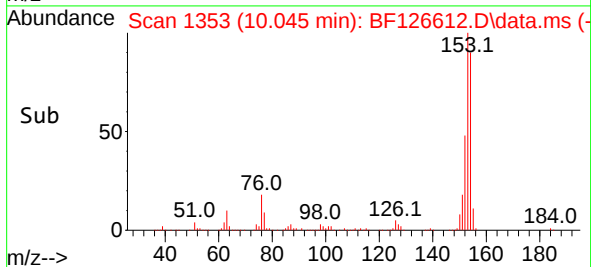
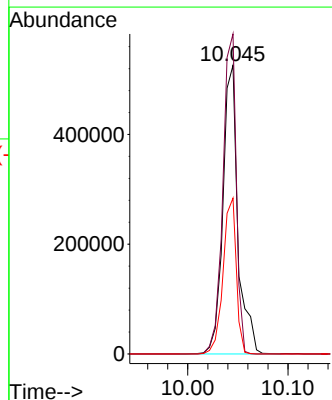
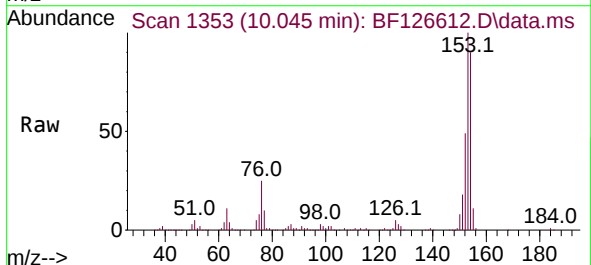
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

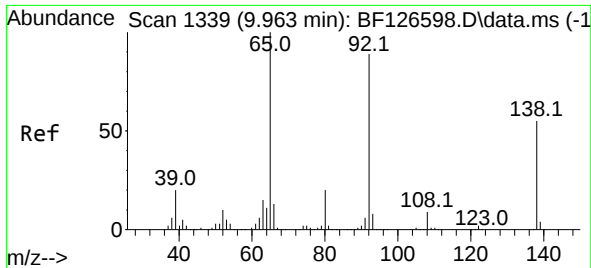
Tgt Ion:165 Resp: 127645
Ion Ratio Lower Upper
165 100
63 83.2 48.4 72.6#
89 86.0 50.5 75.7#



#52
Acenaphthene
Concen: 54.917 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:154 Resp: 549613
Ion Ratio Lower Upper
154 100
153 110.9 87.8 131.6
152 54.0 39.4 59.2

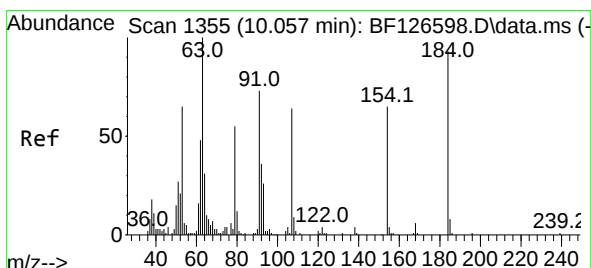
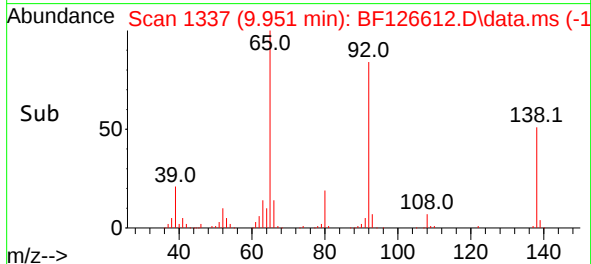
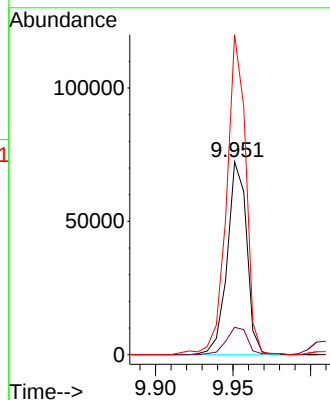
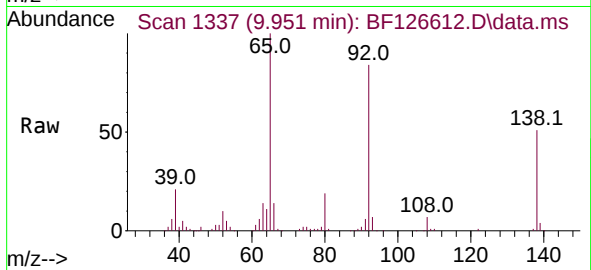




#53
3-Nitroaniline
Concen: 25.585 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

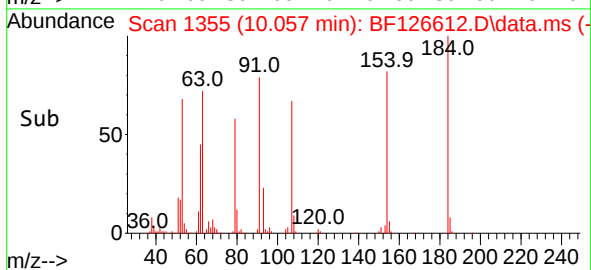
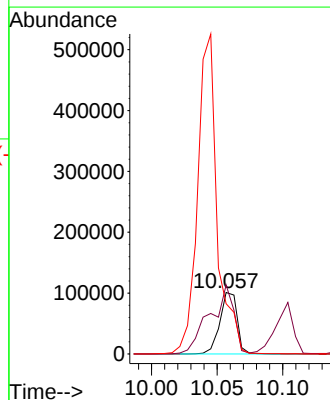
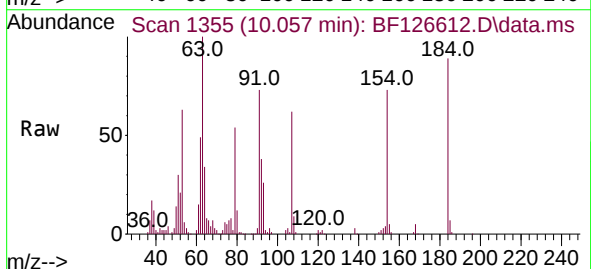
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

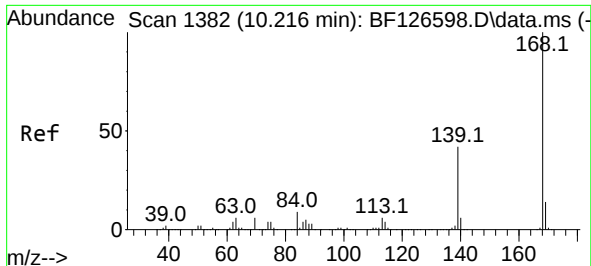
Tgt Ion:138 Resp: 63211
Ion Ratio Lower Upper
138 100
108 14.2 8.6 13.0#
92 166.0 105.0 157.6#



#54
2,4-Dinitrophenol
Concen: 85.973 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:184 Resp: 92647
Ion Ratio Lower Upper
184 100
63 112.3 70.4 105.6#
154 81.8 49.7 74.5#

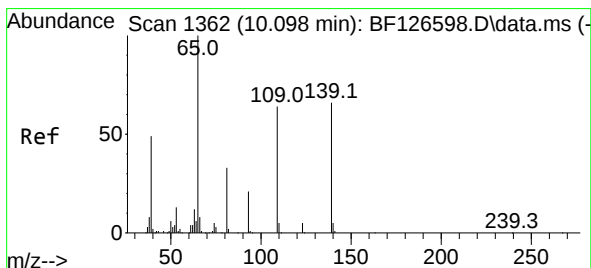
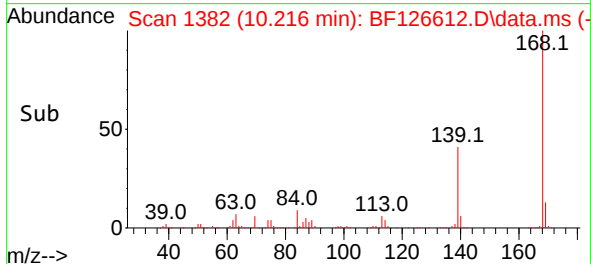
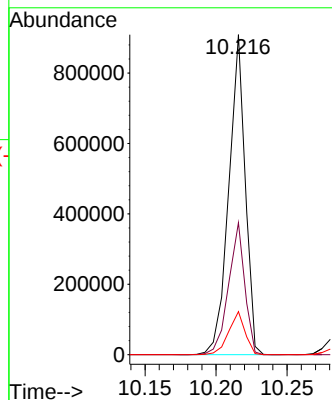
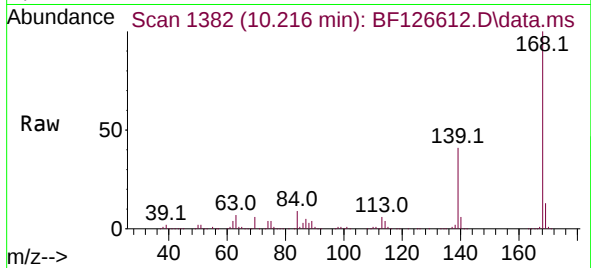




#55
Dibenzofuran
Concen: 48.592 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

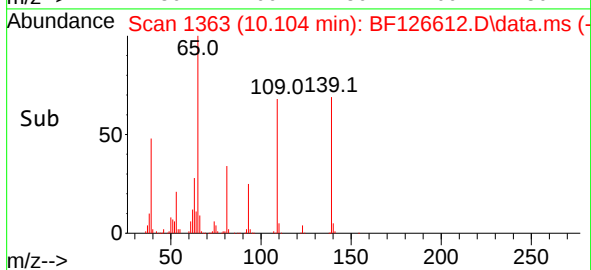
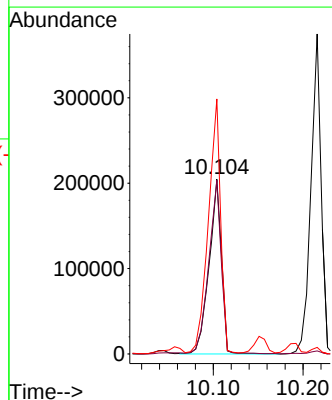
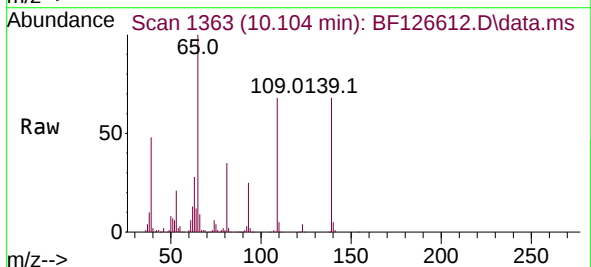
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

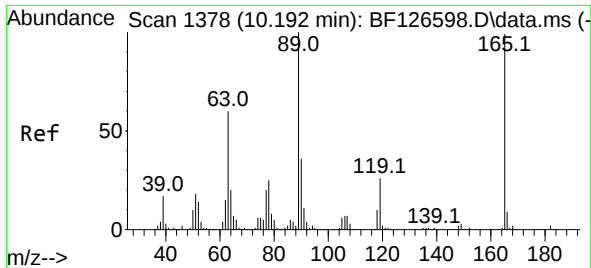
Tgt Ion:168 Resp: 730828
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 13.4 10.0 15.0



#56
4-Nitrophenol
Concen: 100.154 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:139 Resp: 197035
Ion Ratio Lower Upper
139 100
109 99.3 44.1 84.1#
65 146.0 85.5 125.5#

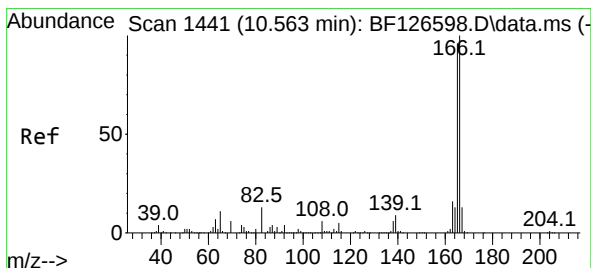
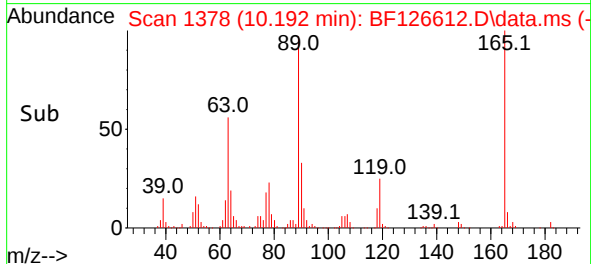
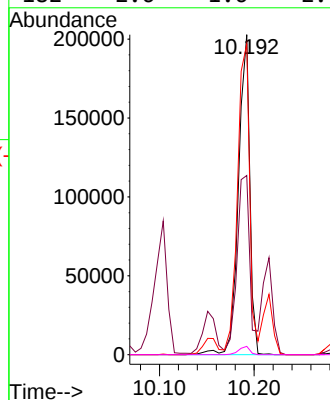
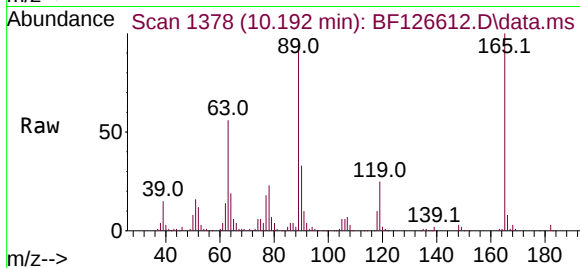




#57
2,4-Dinitrotoluene
Concen: 64.087 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

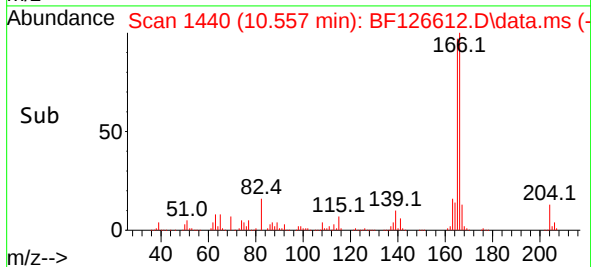
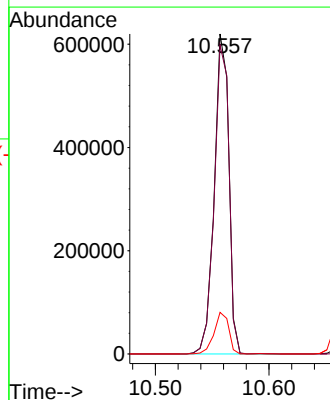
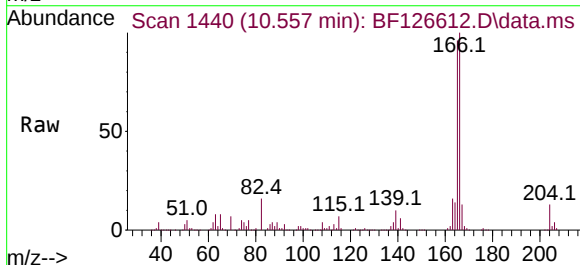
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

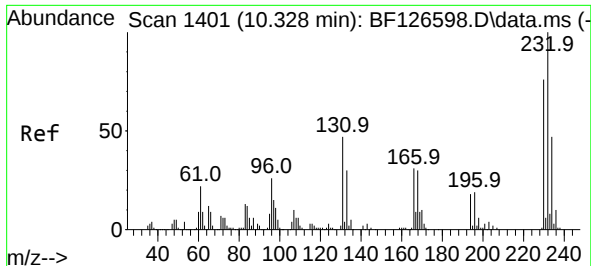
Tgt Ion:165 Resp: 167811
Ion Ratio Lower Upper
165 100
63 56.0 43.0 64.6
89 97.1 71.0 106.4
182 2.6 1.6 2.4#



#58
Fluorene
Concen: 48.581 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:166 Resp: 551652
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.0 10.7 16.1



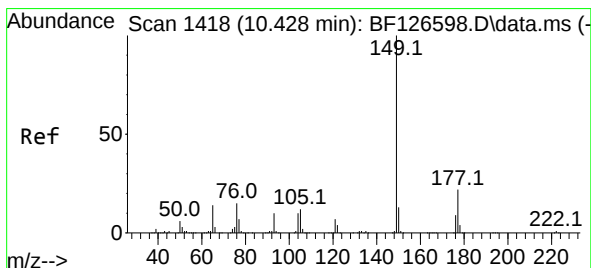
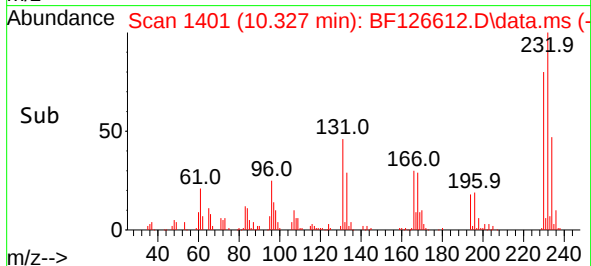
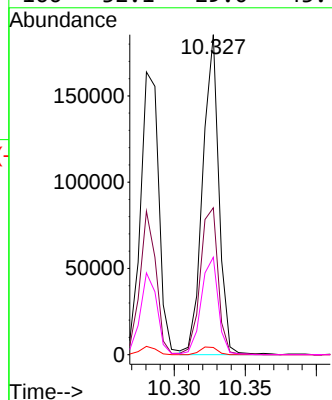
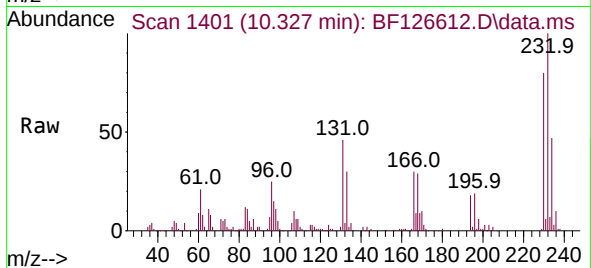


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.457 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Tgt Ion:232 Resp: 147634

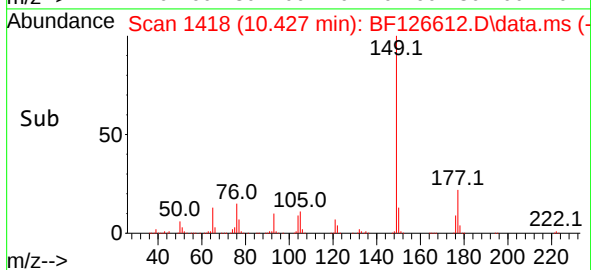
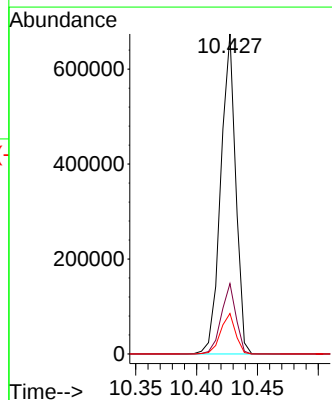
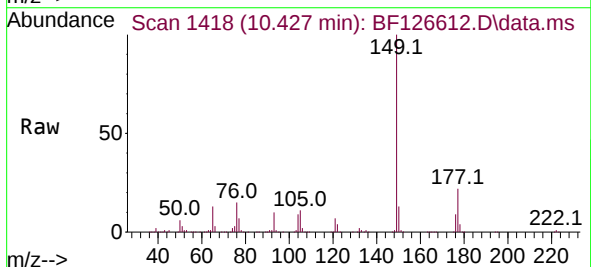
Ion	Ratio	Lower	Upper
232	100		
131	50.8	50.0	75.0
130	2.6	2.2	3.2
166	32.1	29.0	43.4

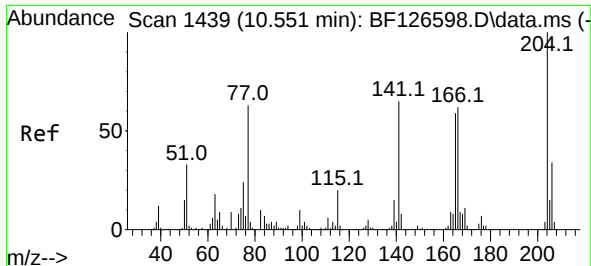


#60
Diethylphthalate
Concen: 46.527 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:149 Resp: 578365

Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.6	9.8	14.8

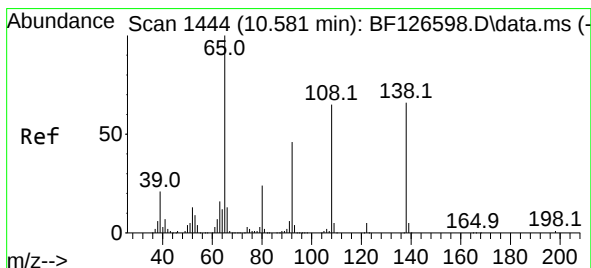
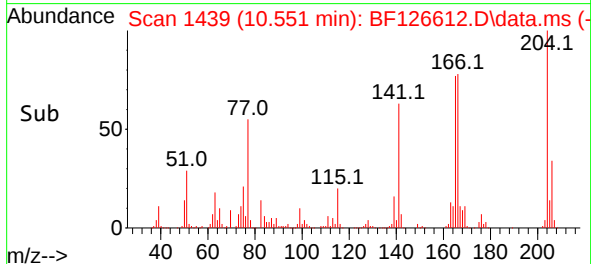
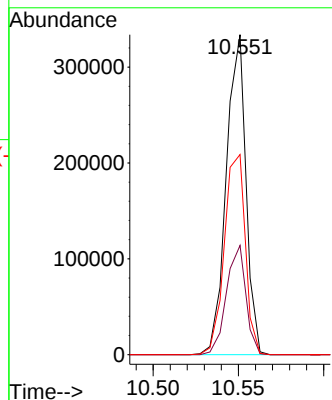
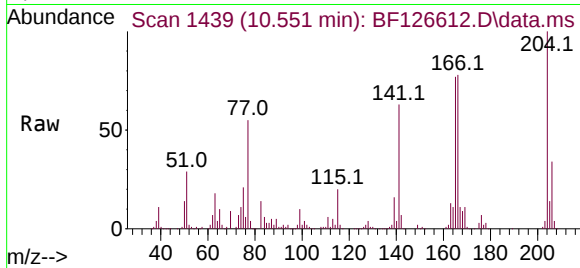




#61
4-Chlorophenyl-phenylether
Concen: 47.372 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

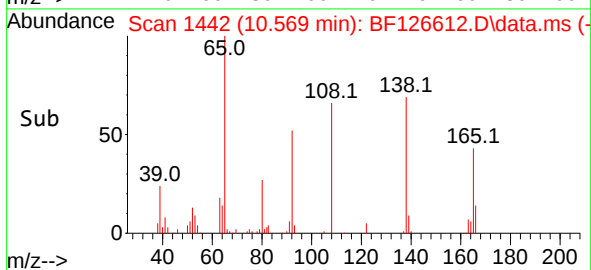
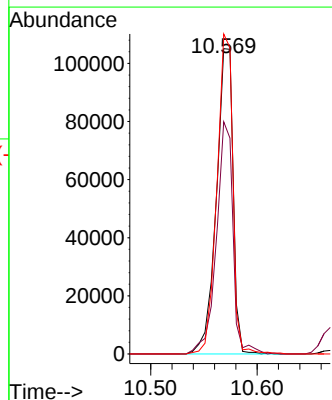
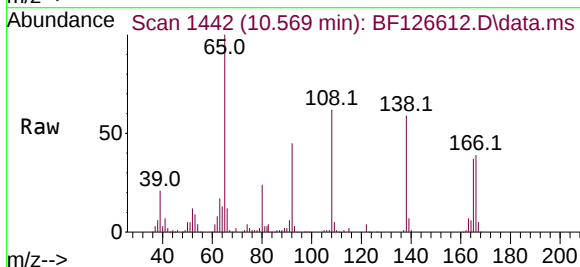
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

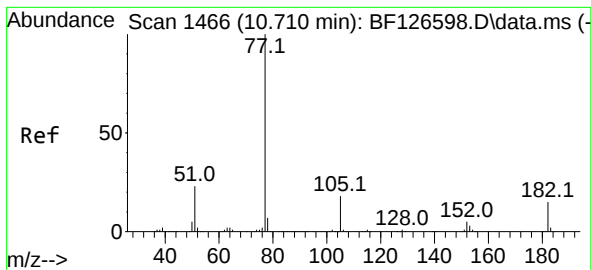
Tgt Ion:204 Resp: 268655
Ion Ratio Lower Upper
204 100
206 34.2 26.3 39.5
141 62.6 59.0 88.6



#62
4-Nitroaniline
Concen: 47.976 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:138 Resp: 115033
Ion Ratio Lower Upper
138 100
92 76.0 36.2 76.2
108 104.8 46.7 86.7#

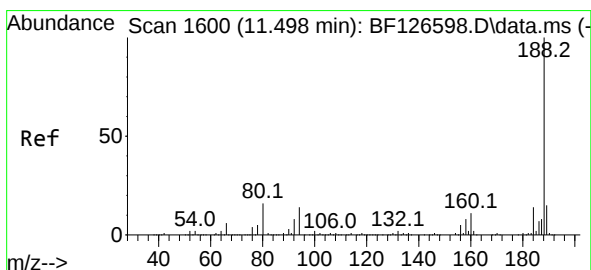
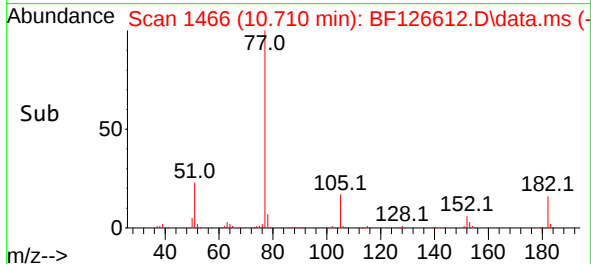
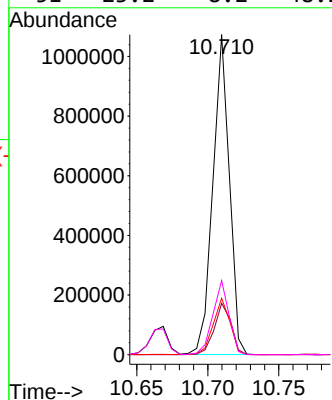
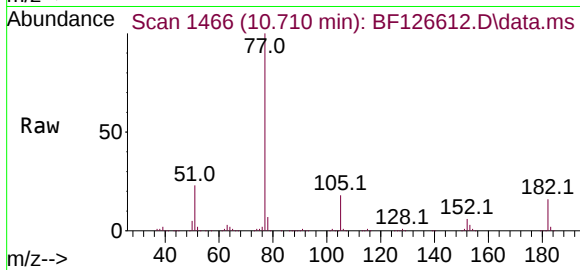




#63
Azobenzene
Concen: 47.162 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

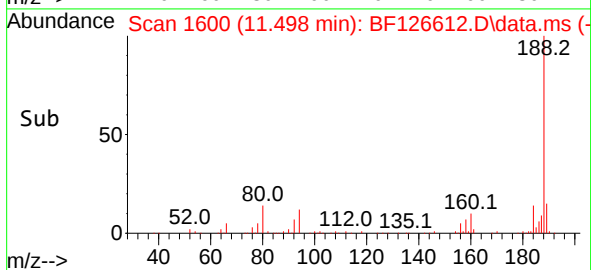
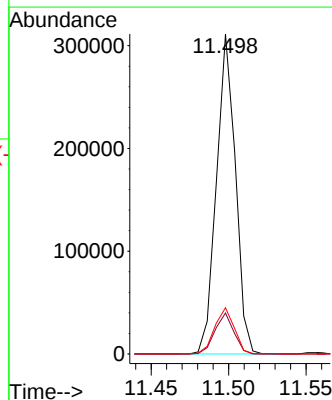
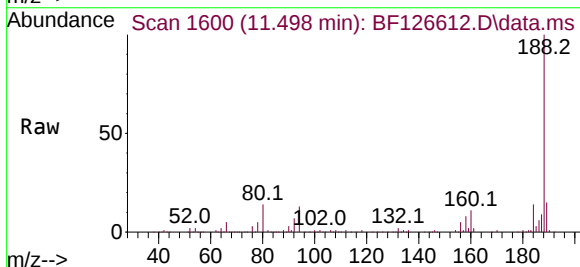
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

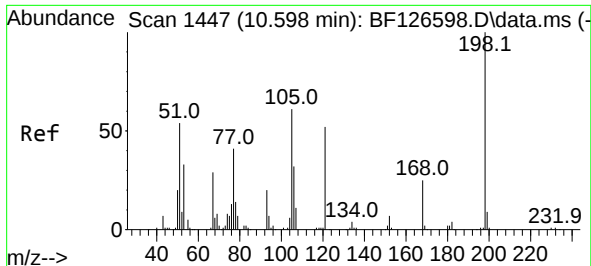
Tgt Ion: 77	Resp: 867592
Ion Ratio	Lower Upper
77 100	
182 16.0	0.0 39.0
105 17.6	3.2 43.2
51 23.2	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:188	Resp: 265091
Ion Ratio	Lower Upper
188 100	
94 12.8	10.1 15.1
80 14.4	11.8 17.6

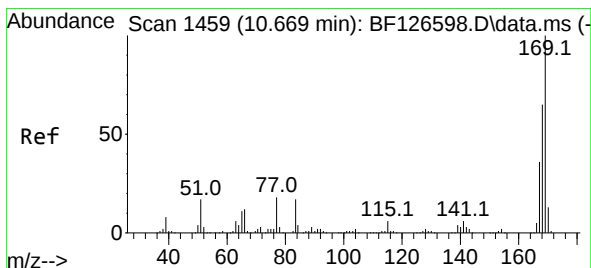
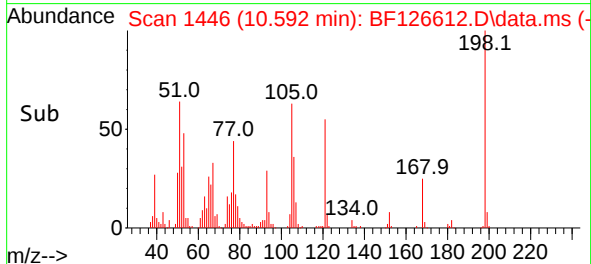
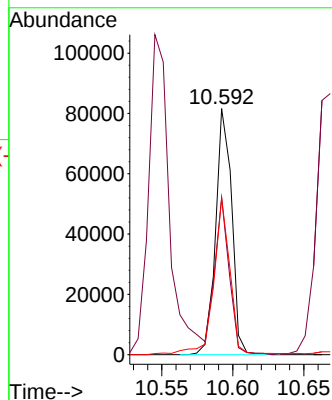
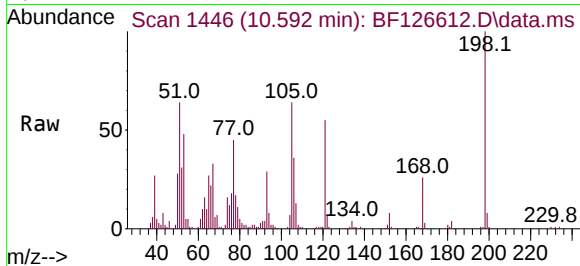




#65
4,6-Dinitro-2-methylphenol
Concen: 49.991 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

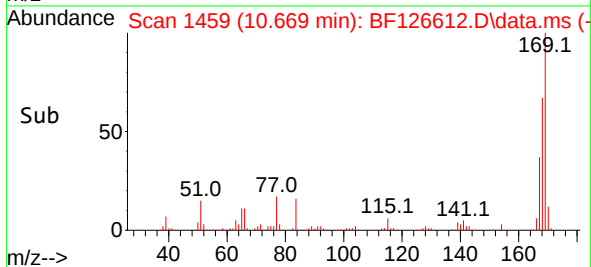
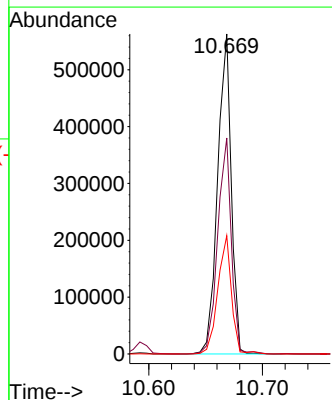
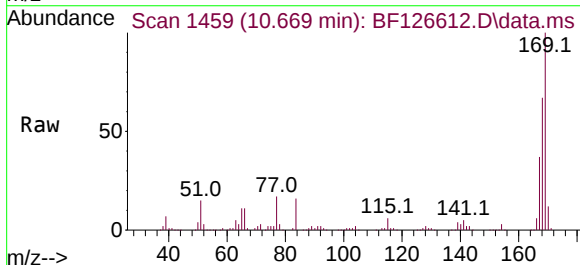
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

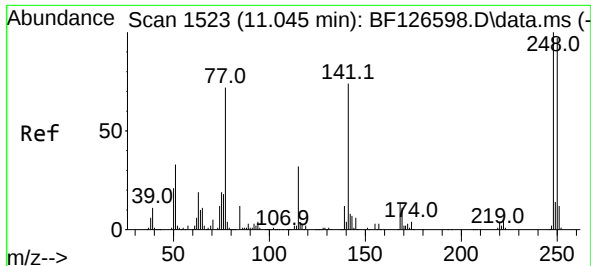
Tgt Ion:198 Resp: 63770
Ion Ratio Lower Upper
198 100
51 63.8 32.0 72.0
105 63.7 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 52.454 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:169 Resp: 469375
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.0
167 37.0 29.4 44.0

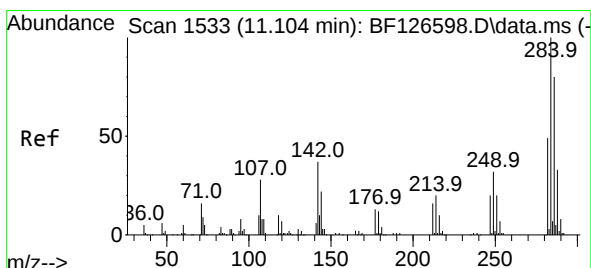
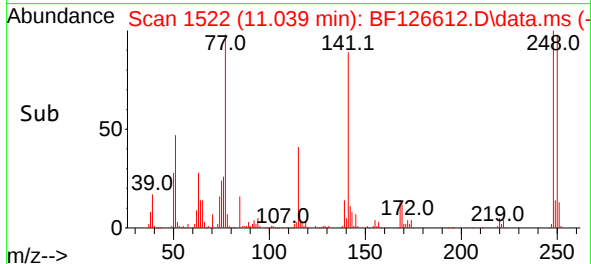
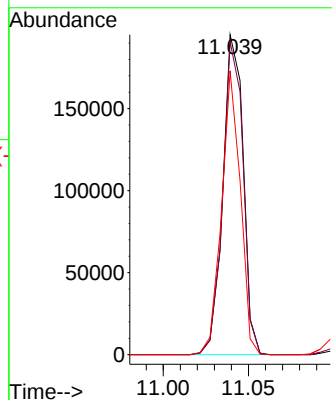
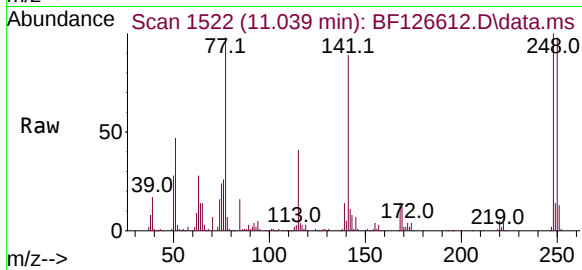




#67
4-Bromophenyl-phenylether
Concen: 53.024 ng
RT: 11.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

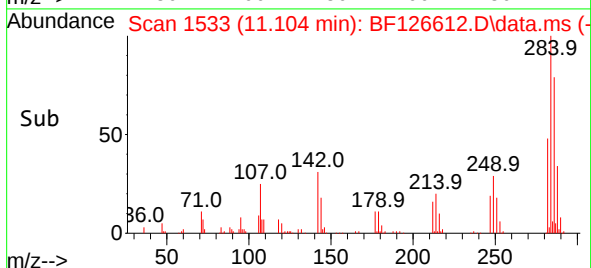
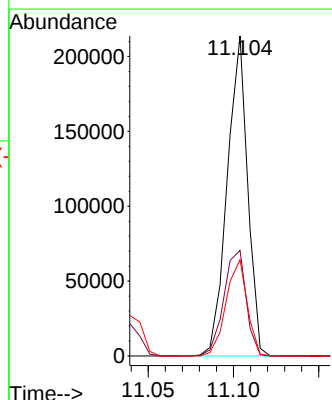
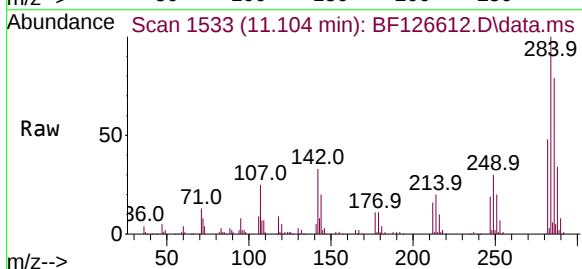
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

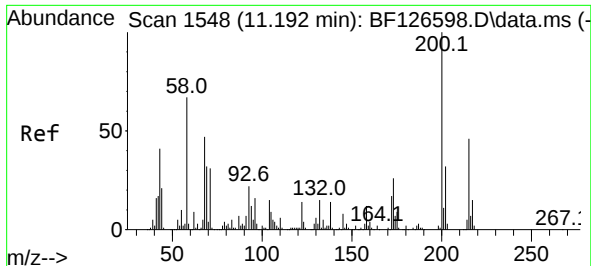
Tgt Ion:248 Resp: 161998
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 88.7 66.2 99.4



#68
Hexachlorobenzene
Concen: 54.638 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:284 Resp: 178100
Ion Ratio Lower Upper
284 100
142 33.0 30.7 46.1
249 30.0 21.1 31.7

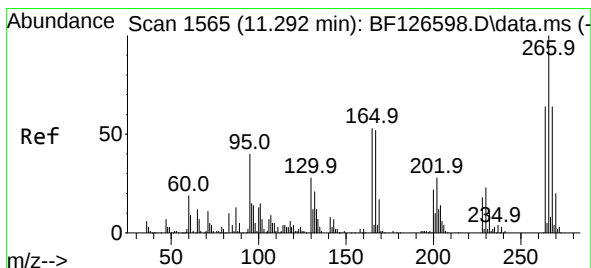
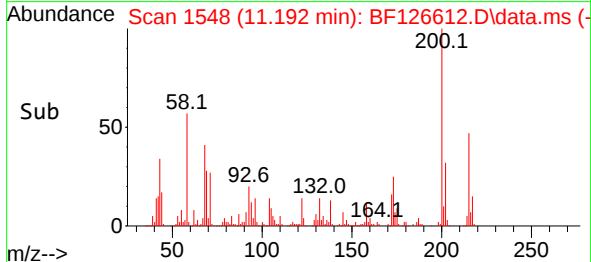
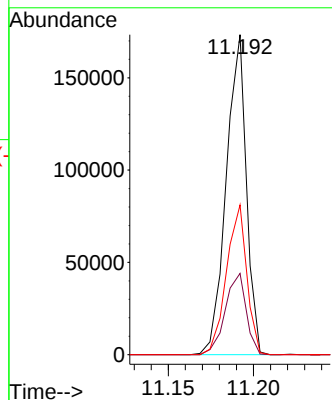
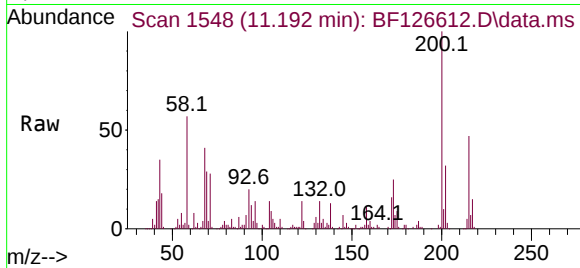




#69
 Atrazine
 Concen: 49.845 ng
 RT: 11.192 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

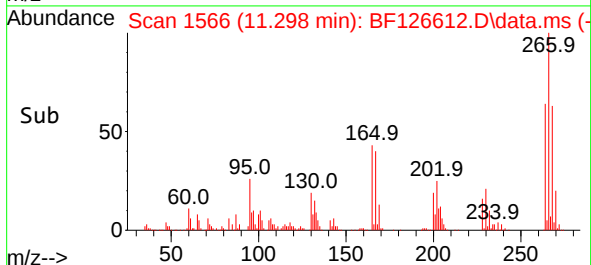
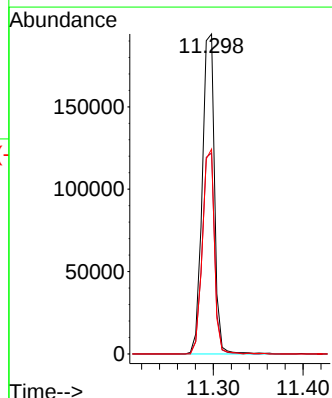
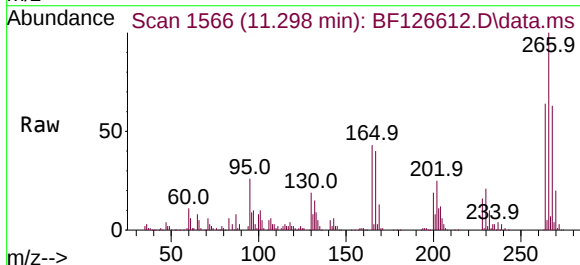
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MSD

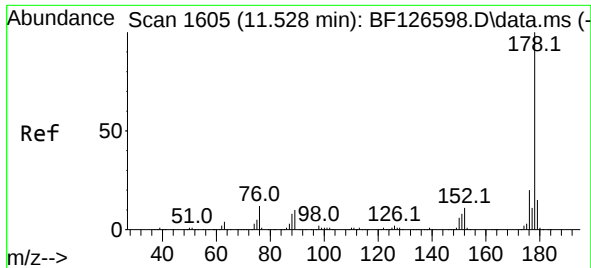
Tgt Ion:200 Resp: 142449
 Ion Ratio Lower Upper
 200 100
 173 25.4 9.2 49.2
 215 46.8 23.2 63.2



#70
 Pentachlorophenol
 Concen: 97.185 ng
 RT: 11.298 min Scan# 1566
 Delta R.T. 0.006 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

Tgt Ion:266 Resp: 184212
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.3 78.5
 264 64.0 50.4 75.6

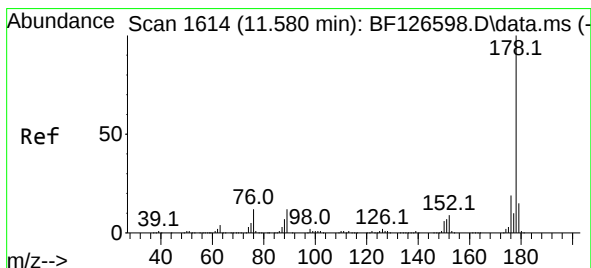
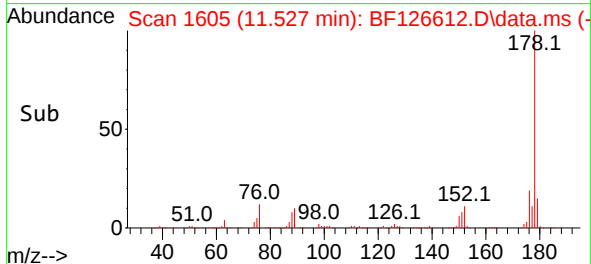
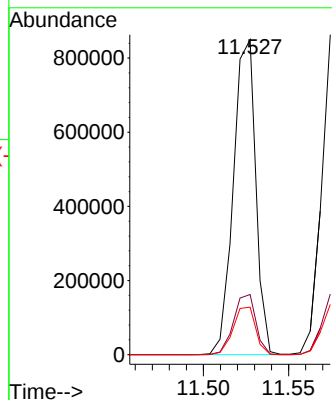
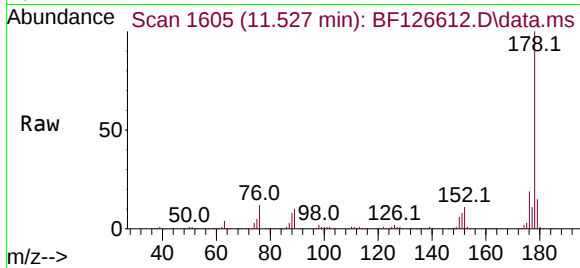




#71
Phenanthrene
Concen: 51.238 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

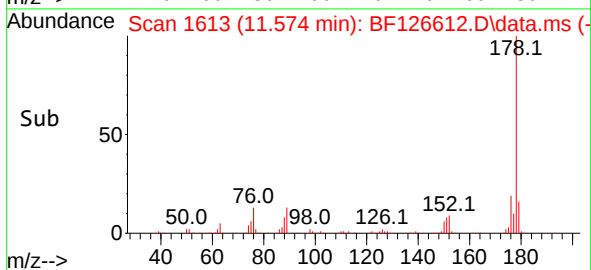
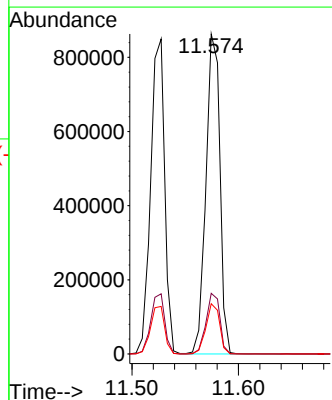
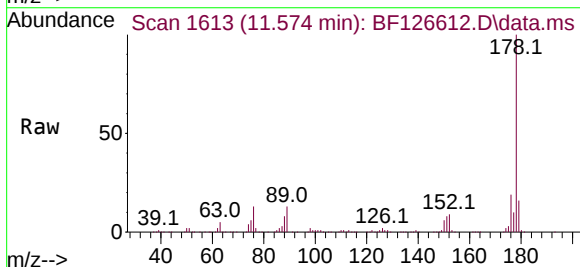
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

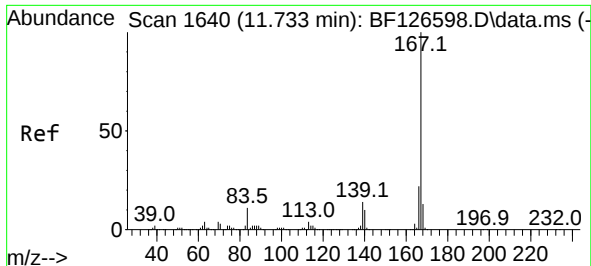
Tgt Ion:178 Resp: 776004
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.1 12.3 18.5



#72
Anthracene
Concen: 51.999 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:178 Resp: 790148
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.5 18.7

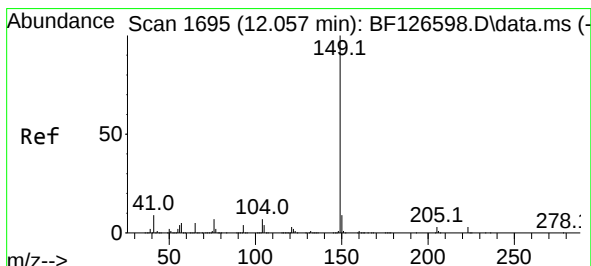
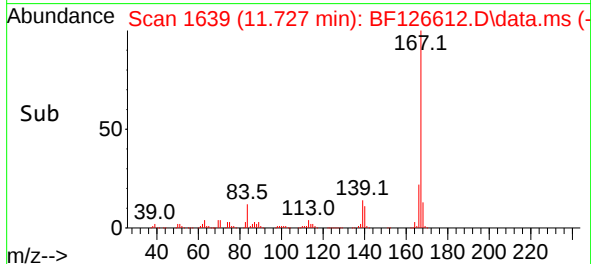
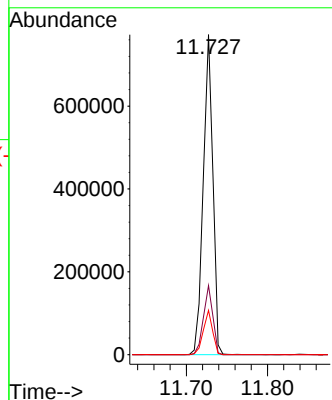
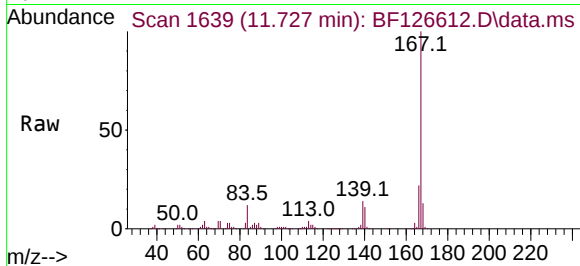




#73
 Carbazole
 Concen: 44.466 ng
 RT: 11.727 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

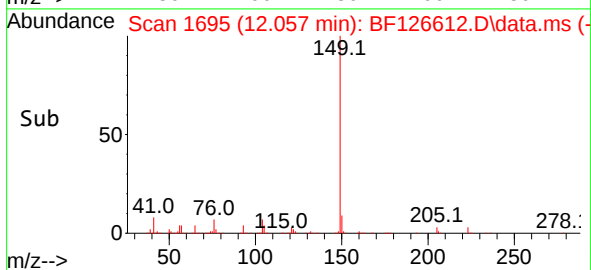
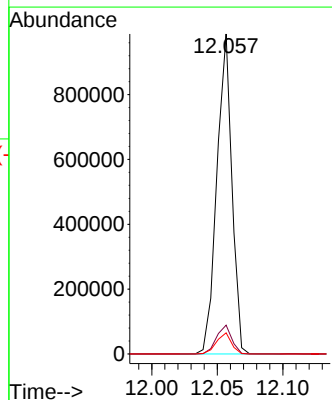
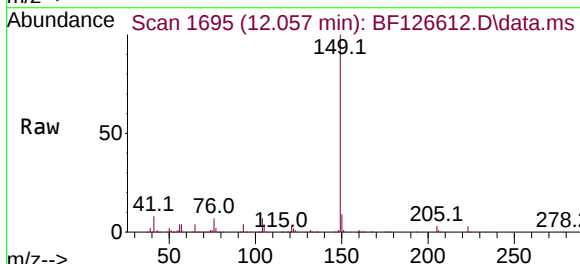
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MSD

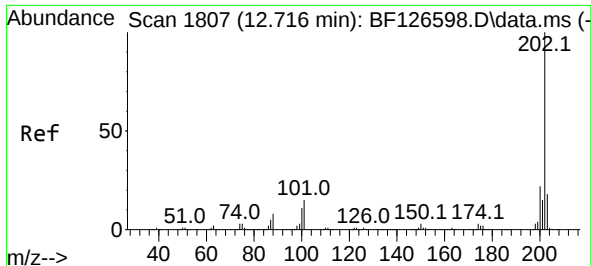
Tgt Ion:167 Resp: 634363
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 13.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 45.668 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

Tgt Ion:149 Resp: 785648
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.6 4.2 6.2#

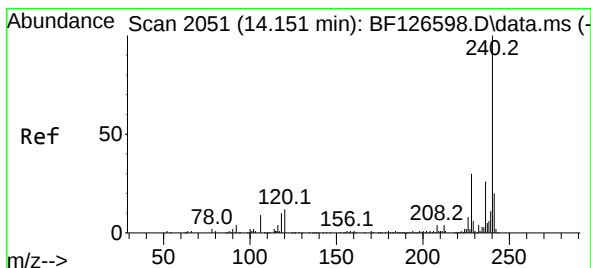
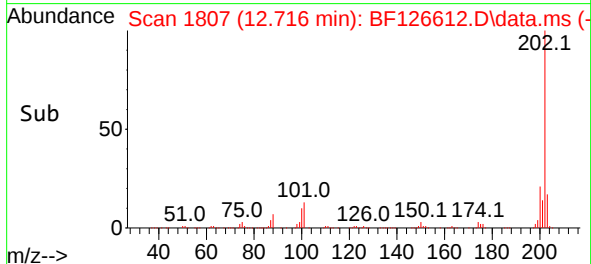
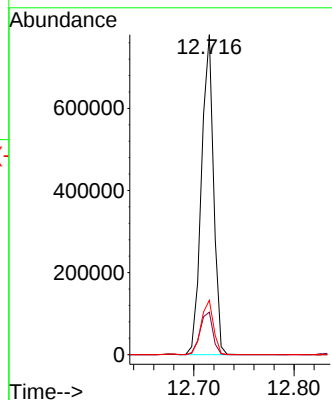
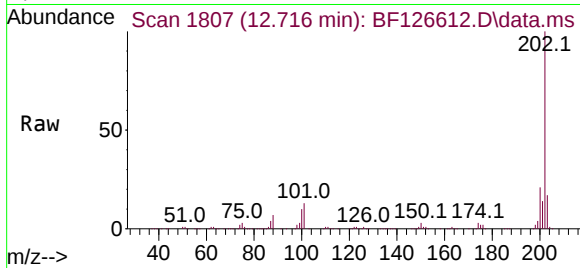




#75
Fluoranthene
Concen: 44.006 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

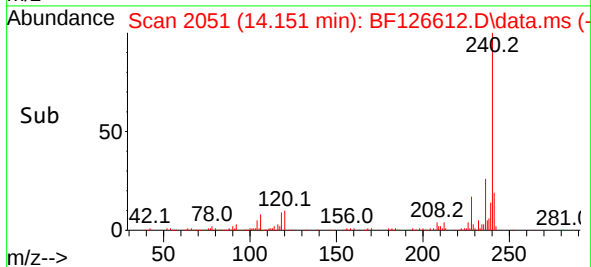
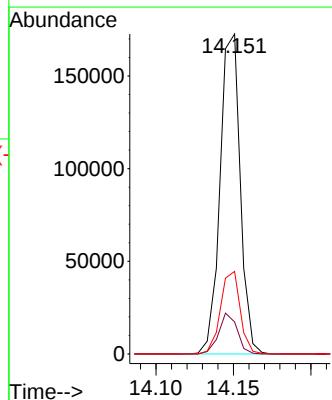
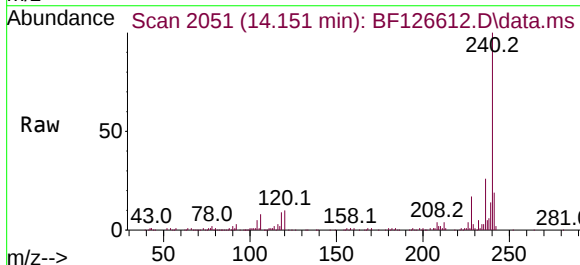
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

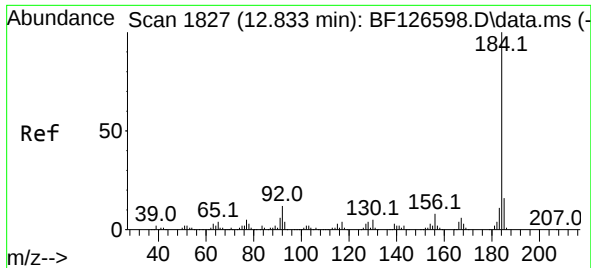
Tgt Ion:202 Resp: 658288
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 17.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:240 Resp: 156645
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 25.8 20.5 30.7

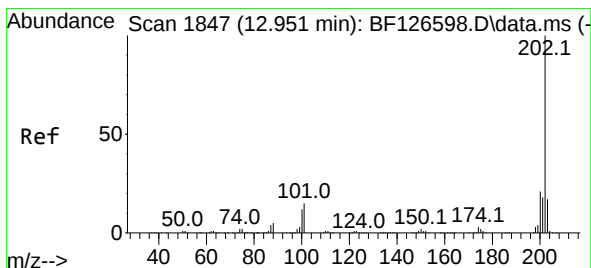
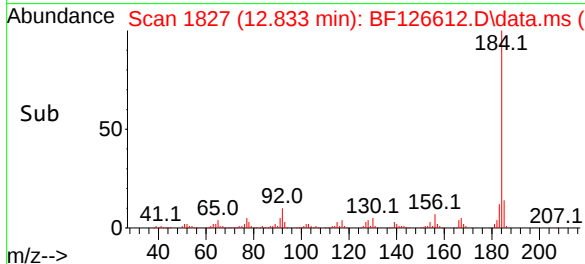
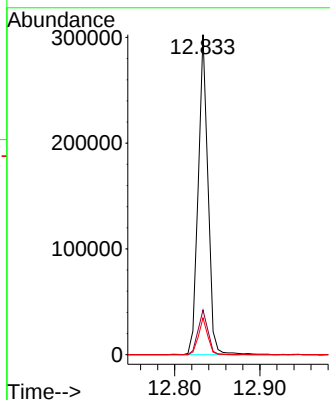
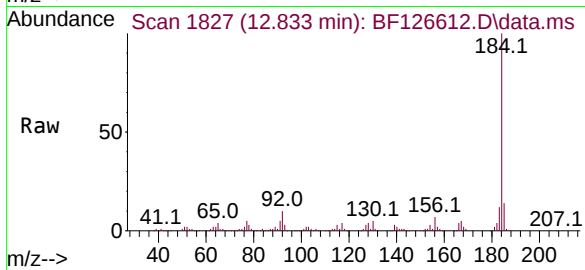




#77
Benzidine
Concen: 44.596 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

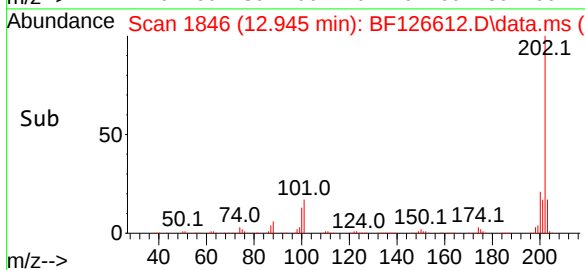
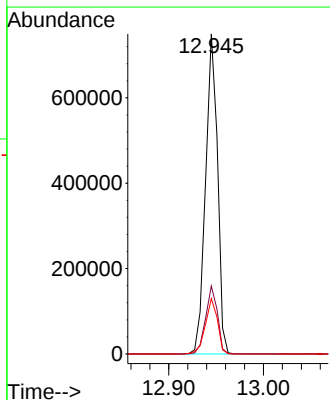
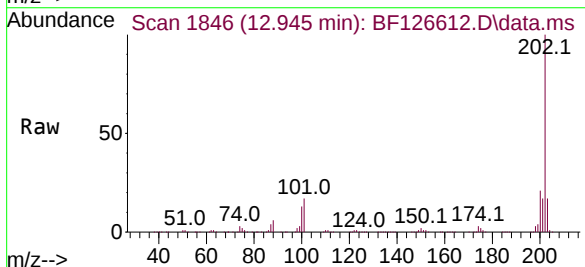
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

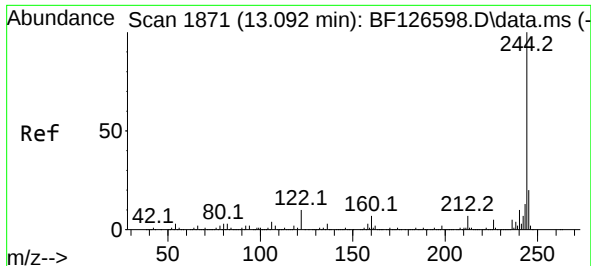
Tgt Ion:184 Resp: 240989
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 11.5 8.2 12.2



#78
Pyrene
Concen: 51.636 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:202 Resp: 654106
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.3 13.8 20.8

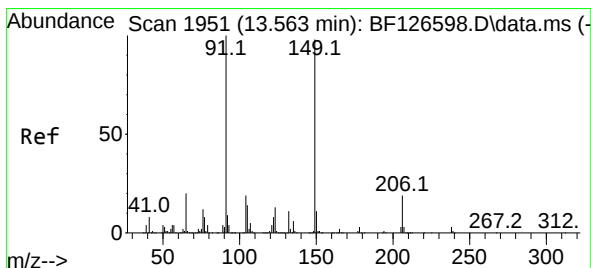
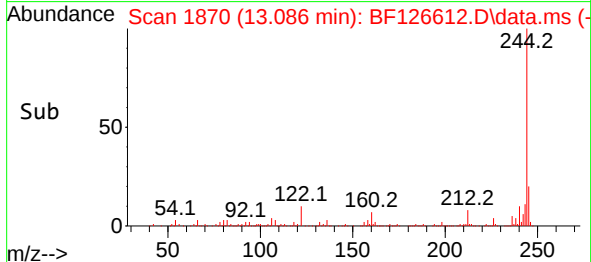
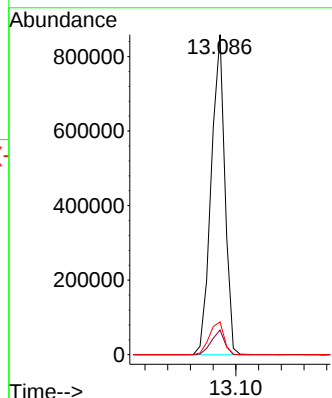
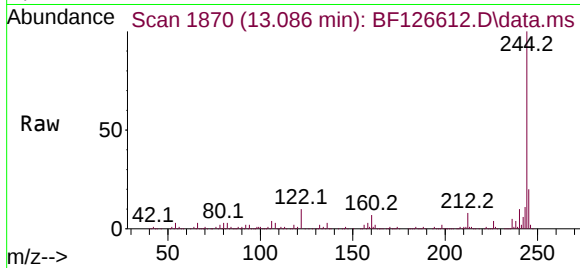




#79
 Terphenyl-d14
 Concen: 76.580 ng
 RT: 13.086 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

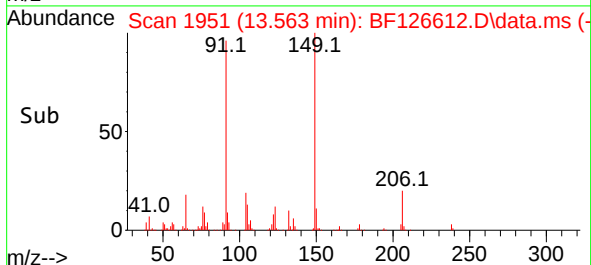
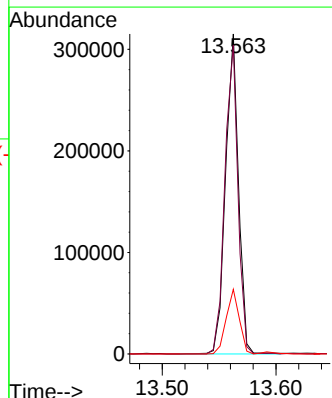
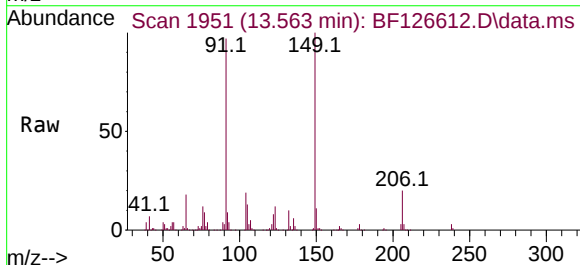
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-2MSD

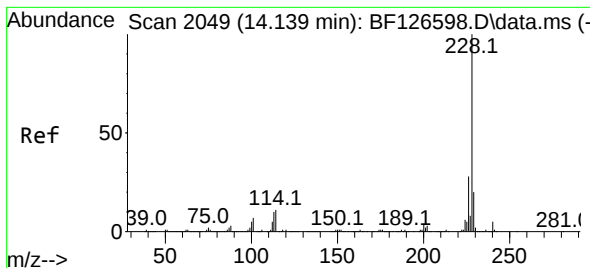
Tgt Ion:244 Resp: 715203
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.0 7.4#
 122 10.3 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 45.543 ng
 RT: 13.563 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: BF126612.D
 Acq: 20 Jan 2022 15:51

Tgt Ion:149 Resp: 250643
 Ion Ratio Lower Upper
 149 100
 91 96.5 70.5 105.7
 206 20.2 12.6 19.0#





#81

Benzo(a)anthracene

Concen: 51.374 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

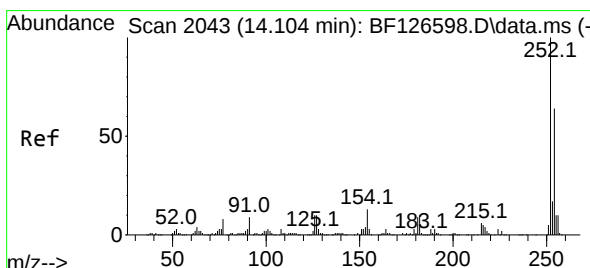
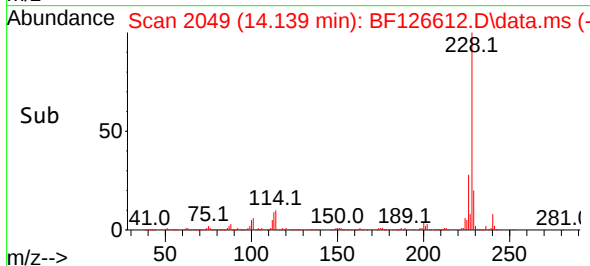
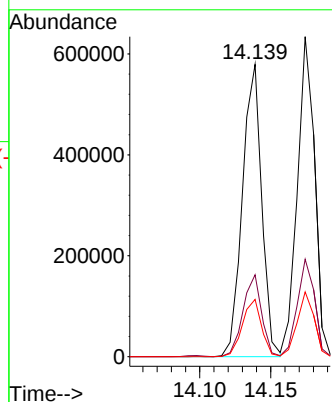
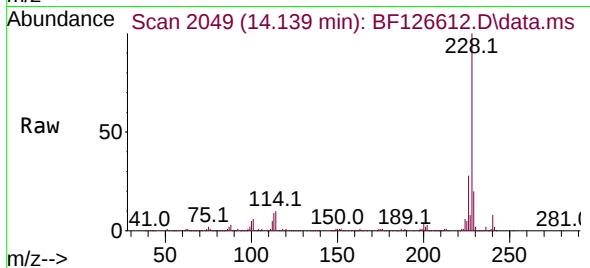
Tgt Ion:228 Resp: 546988

Ion Ratio Lower Upper

228 100

226 28.0 21.4 32.0

229 19.6 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 30.546 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

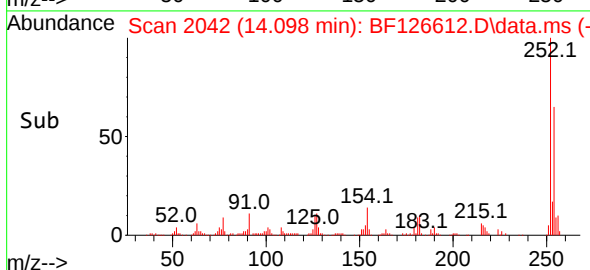
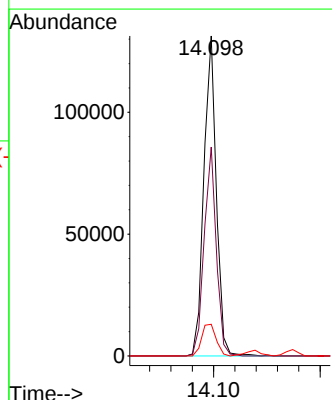
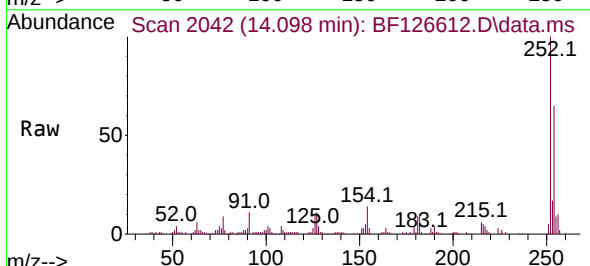
Tgt Ion:252 Resp: 106840

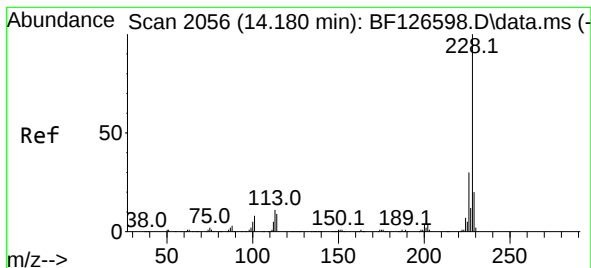
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.4

126 9.9 13.4 20.0#





#83

Chrysene

Concen: 52.629 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

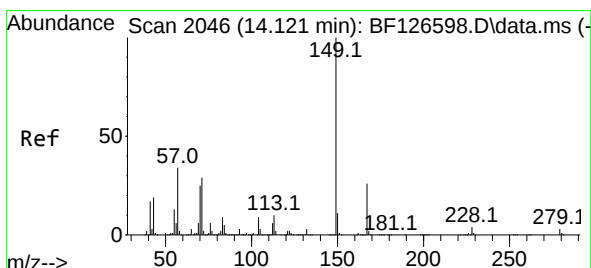
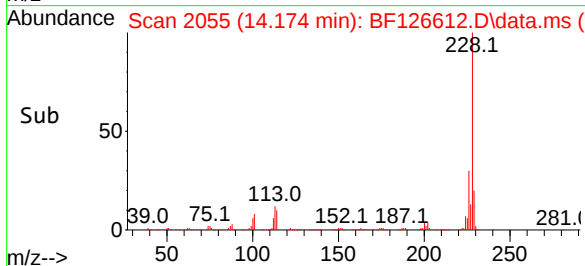
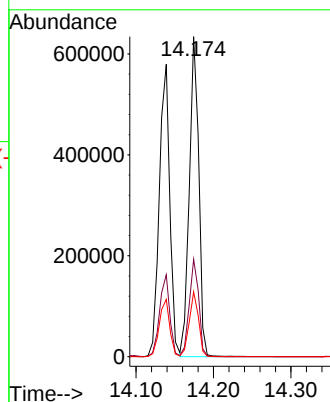
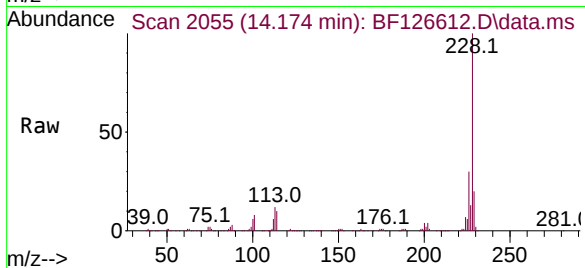
Tgt Ion:228 Resp: 539173

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 20.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.613 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

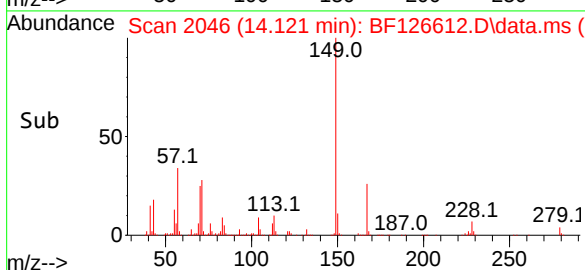
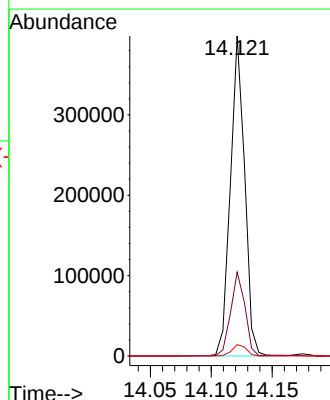
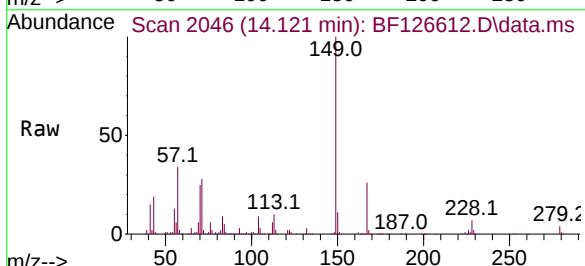
Tgt Ion:149 Resp: 325061

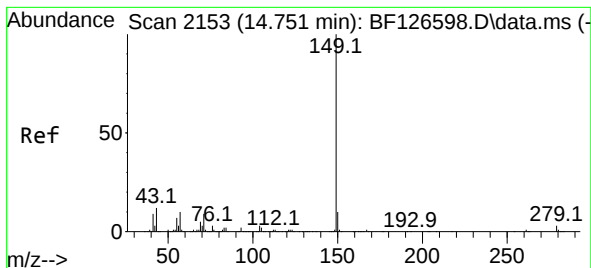
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.2

279 3.5 2.4 3.6

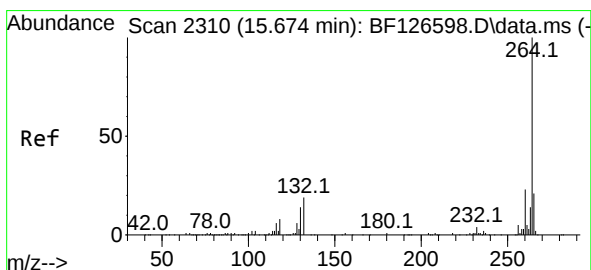
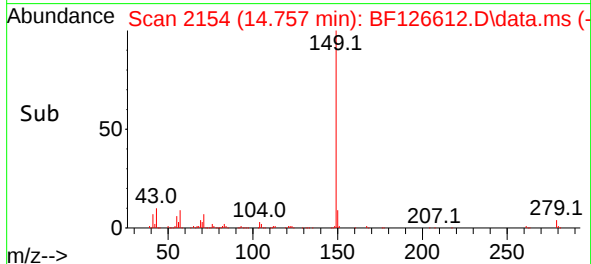
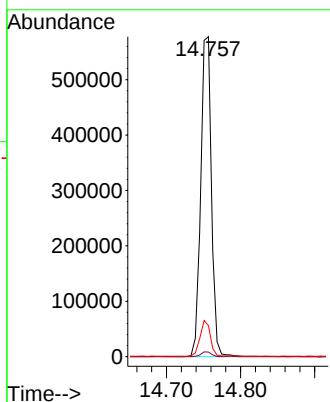
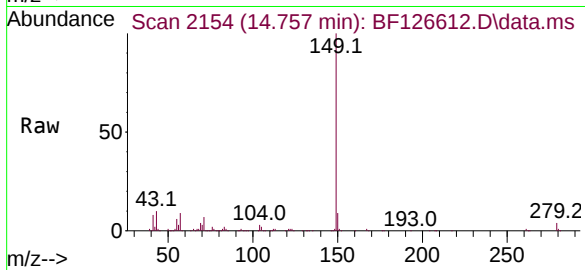




#85
Di-n-octyl phthalate
Concen: 50.798 ng
RT: 14.757 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

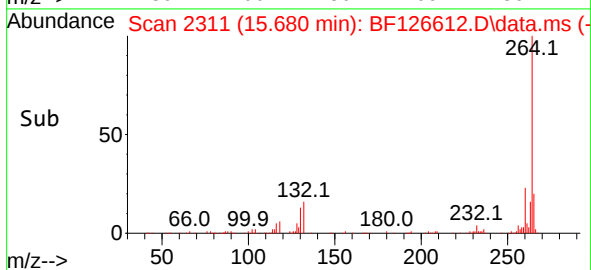
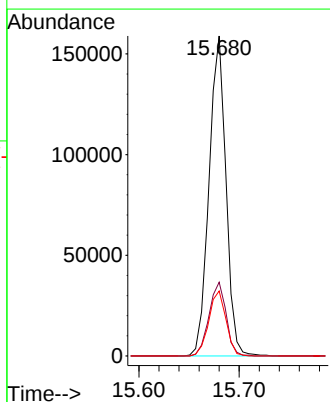
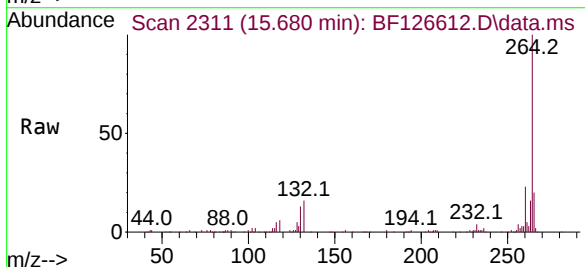
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

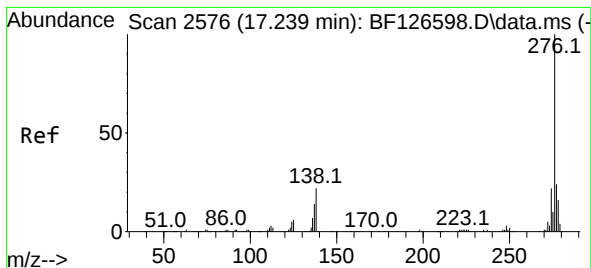
Tgt Ion:149 Resp: 579670
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2311
Delta R.T. 0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:264 Resp: 186007
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.090 ng

RT: 17.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-2MSD

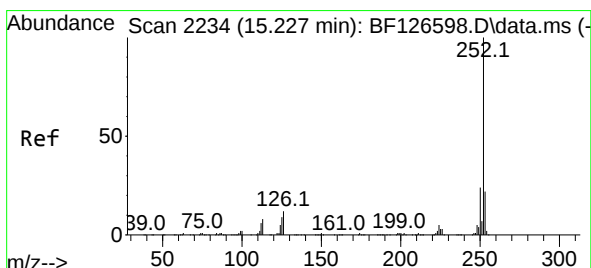
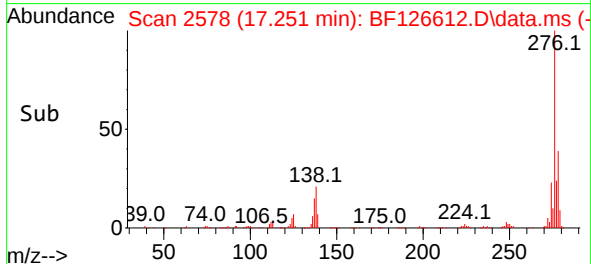
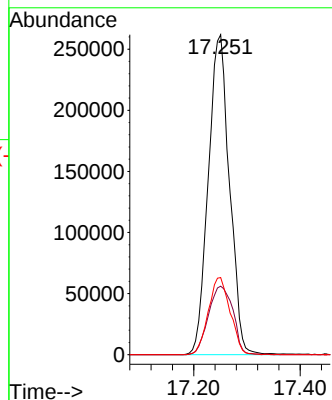
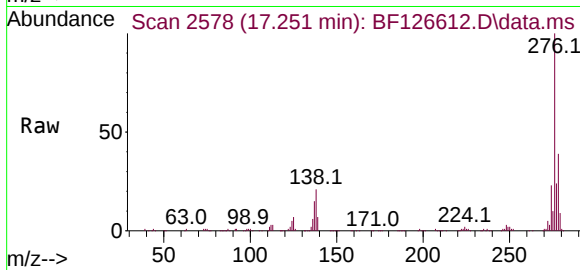
Tgt Ion:276 Resp: 725068

Ion Ratio Lower Upper

276 100

138 24.7 29.2 43.8#

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 52.750 ng

RT: 15.227 min Scan# 2234

Delta R.T. -0.000 min

Lab File: BF126612.D

Acq: 20 Jan 2022 15:51

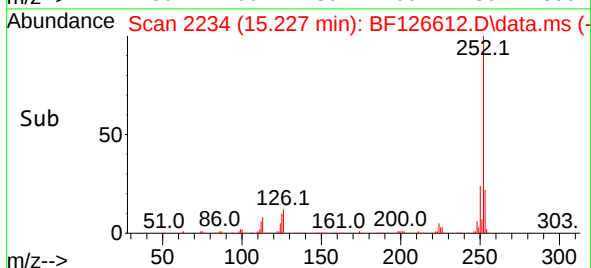
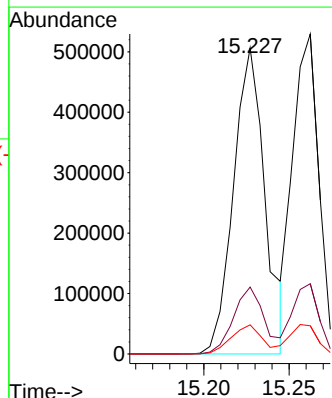
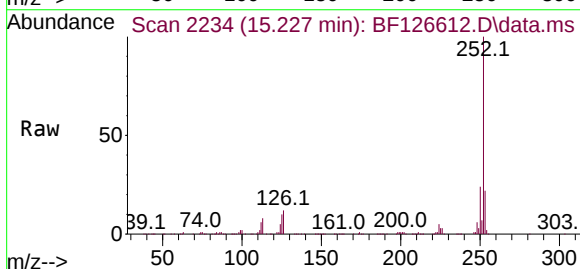
Tgt Ion:252 Resp: 650673

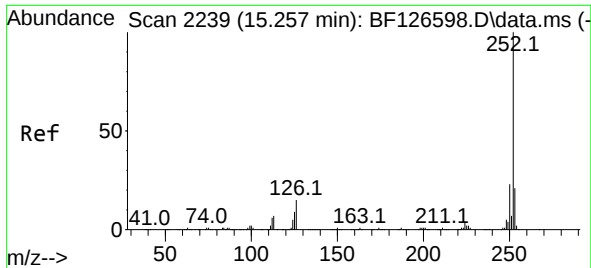
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.5 12.4 18.6#

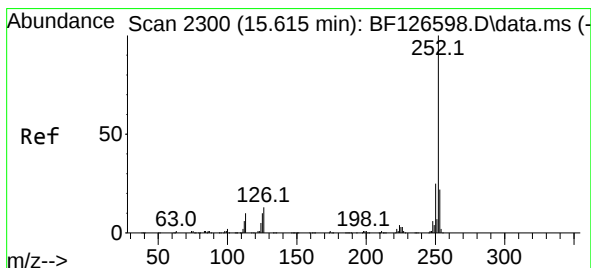
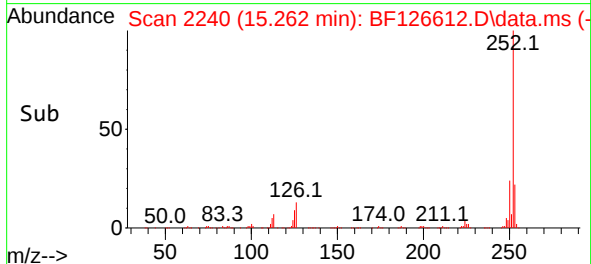
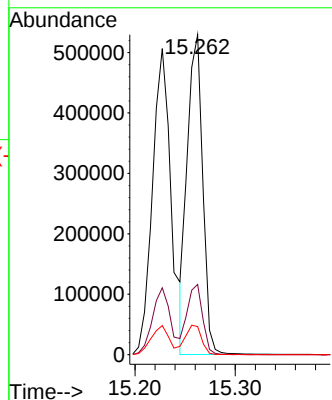
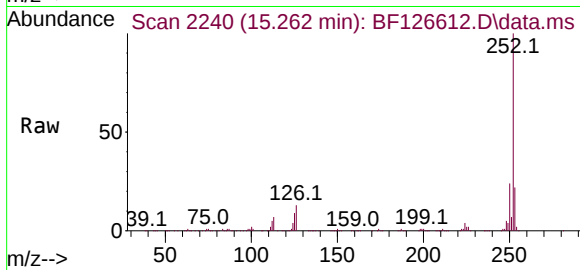




#89
Benzo(k)fluoranthene
Concen: 46.657 ng
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

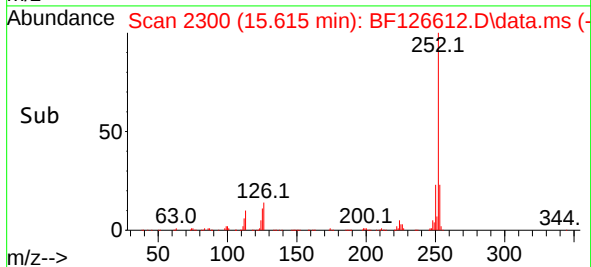
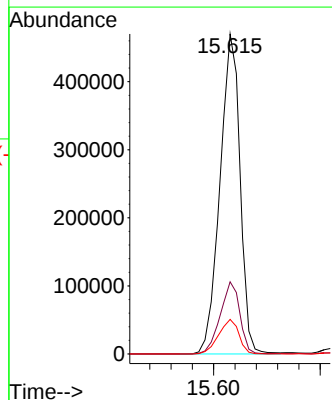
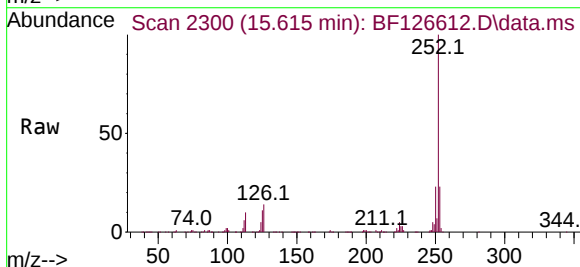
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

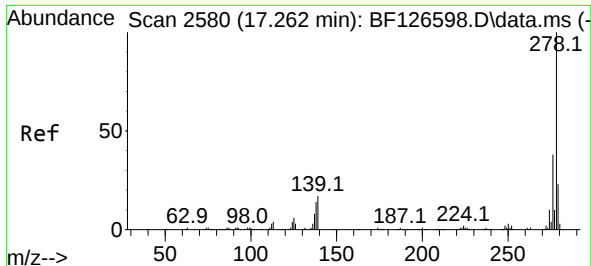
Tgt Ion:252 Resp: 565075
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.8 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 61.210 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:252 Resp: 614311
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.8 13.0 19.6#

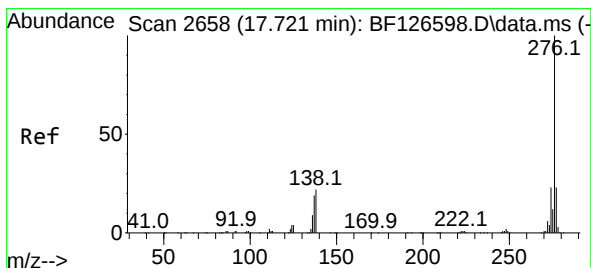
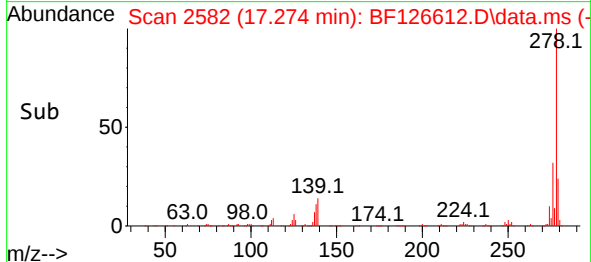
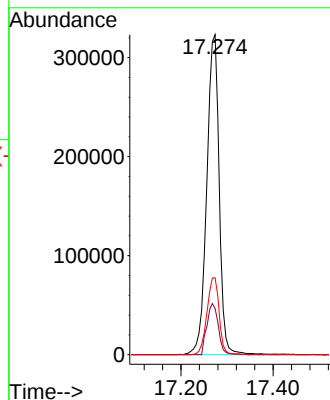
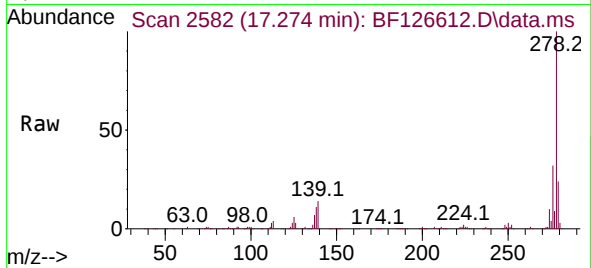




#91
Dibenzo(a,h)anthracene
Concen: 64.021 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Tgt Ion:278 Resp: 609528
Ion Ratio Lower Upper
278 100
139 14.4 18.0 27.0#
279 24.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 66.743 ng
RT: 17.727 min Scan# 2659
Delta R.T. 0.006 min
Lab File: BF126612.D
Acq: 20 Jan 2022 15:51

Tgt Ion:276 Resp: 623088
Ion Ratio Lower Upper
276 100
277 22.7 18.5 27.7
138 20.5 25.9 38.9#

