

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124945.D
 Acq On : 5 Aug 2021 11:09
 Operator : JU/CG
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 05 11:47:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	7348	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	26618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	14680	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	25493	20.000	ng	0.00
76) Chrysene-d12	13.998	240	19276	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	16471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45374	101.154	ng	0.00
7) Phenol-d6	6.469	99	56151	99.275	ng	0.00
23) Nitrobenzene-d5	7.404	82	34550	67.902	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	14118	107.647	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	69306	69.081	ng	0.00
79) Terphenyl-d14	12.945	244	73258	64.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	1456	8.676	ng	# 100
3) Pyridine	3.404	79	1470	3.770	ng	# 61
4) n-Nitrosodimethylamine	3.281	42	1705	6.157	ng	92
6) Aniline	6.498	93	5467	9.150	ng	95
8) 2-Chlorophenol	6.622	128	4183	8.501	ng	82
9) Benzaldehyde	6.387	77	2928	9.515	ng	87
10) Phenol	6.481	94	4627	7.928	ng	93
11) bis(2-Chloroethyl)ether	6.575	93	3825	8.737	ng	90
12) 1,3-Dichlorobenzene	6.775	146	4614	8.616	ng	99
13) 1,4-Dichlorobenzene	6.851	146	4380	8.181	ng	93
14) 1,2-Dichlorobenzene	7.004	146	4213	8.397	ng	96
15) Benzyl Alcohol	6.975	79	3103	7.606	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	5628	8.024	ng	95
17) 2-Methylphenol	7.081	107	2976	8.080	ng	88
18) Hexachloroethane	7.351	117	1709	8.153	ng	89
19) n-Nitroso-di-n-propyla...	7.239	70	2518	7.503	ng	# 96
20) 3+4-Methylphenols	7.239	107	3985	8.150	ng	# 57
22) Acetophenone	7.239	105	5603	8.595	ng	# 88
24) Nitrobenzene	7.416	77	4006	8.136	ng	# 93
25) Isophorone	7.651	82	7197	8.287	ng	# 90
26) 2-Nitrophenol	7.734	139	1949	7.795	ng	# 86
27) 2,4-Dimethylphenol	7.769	122	3334	9.407	ng	88
28) bis(2-Chloroethoxy)met...	7.863	93	4671	9.450	ng	98
29) 2,4-Dichlorophenol	7.975	162	3385	8.572	ng	91
30) 1,2,4-Trichlorobenzene	8.057	180	3659	8.269	ng	97
31) Naphthalene	8.139	128	11542	8.440	ng	97
32) Benzoic acid	7.863	122	137	7.992	ng	# 49
33) 4-Chloroaniline	8.186	127	4809	9.436	ng	98
34) Hexachlorobutadiene	8.257	225	2042	7.727	ng	95
35) Caprolactam	8.528	113	890	8.488	ng	# 83
36) 4-Chloro-3-methylphenol	8.663	107	3141	7.604	ng	97
37) 2-Methylnaphthalene	8.828	142	7790	8.472	ng	98
38) 1-Methylnaphthalene	8.928	142	6923	8.047	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	3646	8.653	ng	97
41) Hexachlorocyclopentadiene	8.981	237	835	10.246	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	2190	7.807	ng	98

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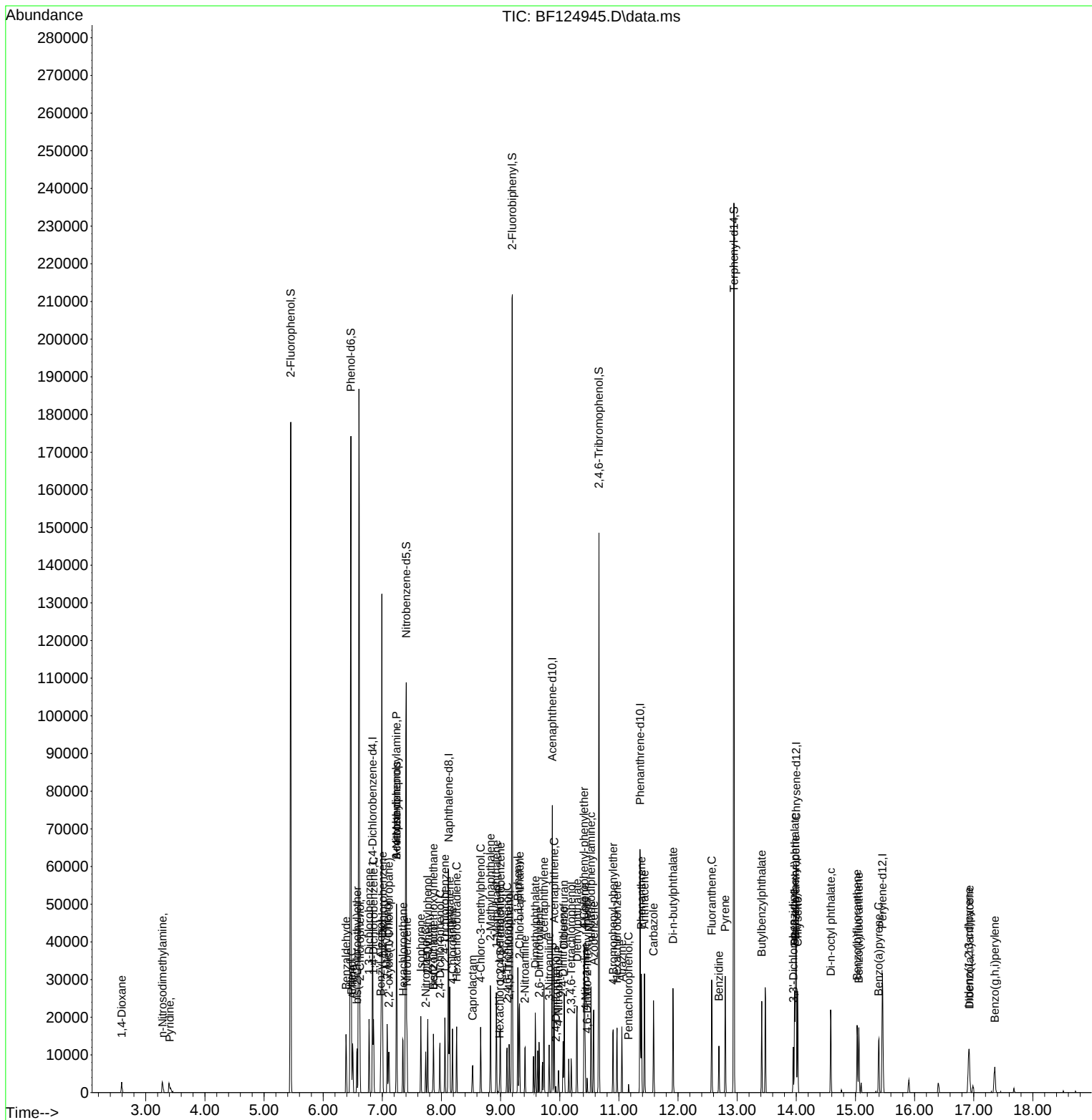
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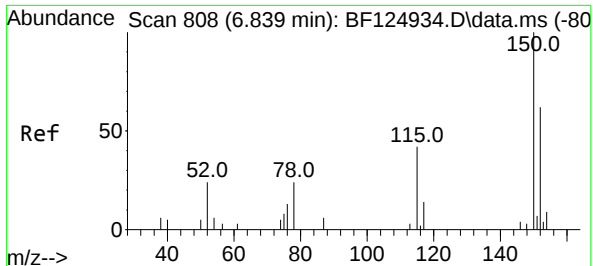
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	2237	7.878	ng	91
46) 1,1'-Biphenyl	9.292	154	9699	8.866	ng	95
47) 2-Chloronaphthalene	9.322	162	7446	8.555	ng	98
48) 2-Nitroaniline	9.410	65	2220	8.683	ng #	77
49) Acenaphthylene	9.733	152	11406	8.628	ng	96
50) Dimethylphthalate	9.586	163	8540	8.585	ng #	95
51) 2,6-Dinitrotoluene	9.651	165	1761	7.950	ng #	84
52) Acenaphthene	9.904	154	6640	8.285	ng	97
53) 3-Nitroaniline	9.822	138	1925	8.251	ng #	89
54) 2,4-Dinitrophenol	9.933	184	287	7.808	ng	93
55) Dibenzofuran	10.075	168	10457	8.349	ng	99
56) 4-Nitrophenol	9.980	139	1029	6.691	ng	87
57) 2,4-Dinitrotoluene	10.057	165	2318	7.707	ng	90
58) Fluorene	10.422	166	8062	8.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	1622	7.613	ng #	78
60) Diethylphthalate	10.292	149	8820	8.640	ng	93
61) 4-Chlorophenyl-phenyle...	10.410	204	3876	8.546	ng	99
62) 4-Nitroaniline	10.433	138	1723	7.606	ng #	81
63) Azobenzene	10.575	77	8340	8.354	ng	93
65) 4,6-Dinitro-2-methylph...	10.463	198	938	5.873	ng	86
66) n-Nitrosodiphenylamine	10.527	169	6954	8.416	ng	93
67) 4-Bromophenyl-phenylether	10.904	248	2222	7.958	ng #	87
68) Hexachlorobenzene	10.969	284	2585	8.510	ng #	84
69) Atrazine	11.051	200	2195	8.841	ng	94
70) Pentachlorophenol	11.163	266	390	6.185	ng #	71
71) Phenanthrene	11.380	178	11850	8.569	ng	98
72) Anthracene	11.433	178	12136	8.748	ng	97
73) Carbazole	11.586	167	10750	8.450	ng	97
74) Di-n-butylphthalate	11.916	149	13721	8.486	ng	97
75) Fluoranthene	12.569	202	11468	8.016	ng	94
77) Benzidine	12.692	184	6407	12.422	ng #	97
78) Pyrene	12.798	202	12741	8.392	ng	97
80) Butylbenzylphthalate	13.416	149	5709	8.449	ng	99
81) Benzo(a)anthracene	13.986	228	10021	7.977	ng	96
82) 3,3'-Dichlorobenzidine	13.951	252	3560	10.750	ng	88
83) Chrysene	14.021	228	9899	8.152	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	7619	8.129	ng #	98
85) Di-n-octyl phthalate	14.586	149	12341	8.346	ng #	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	7223	7.364	ng #	92
88) Benzo(b)fluoranthene	15.027	252	9185	7.942	ng	98
89) Benzo(k)fluoranthene	15.057	252	8473	8.054	ng #	95
90) Benzo(a)pyrene	15.392	252	8400	8.529	ng #	93
91) Dibenzo(a,h)anthracene	16.927	278	5905	6.847	ng #	92
92) Benzo(g,h,i)perylene	17.356	276	6127	7.406	ng #	87

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

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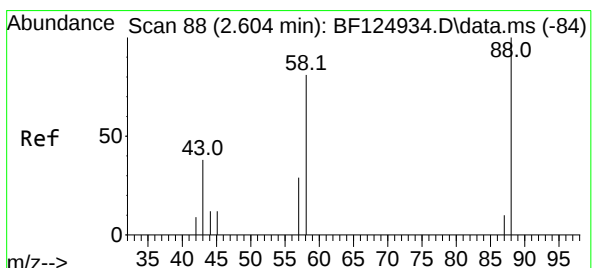
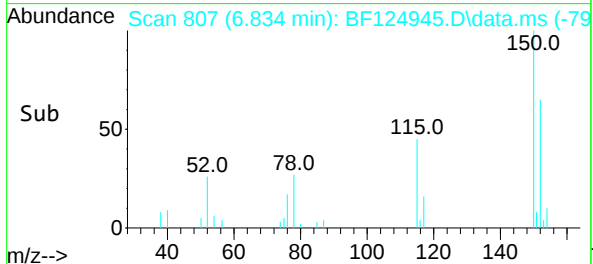
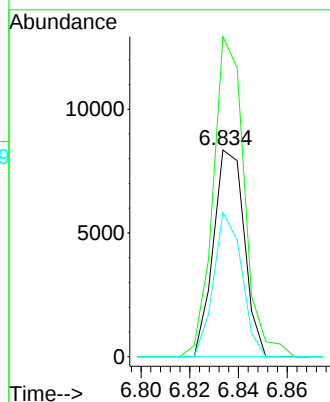
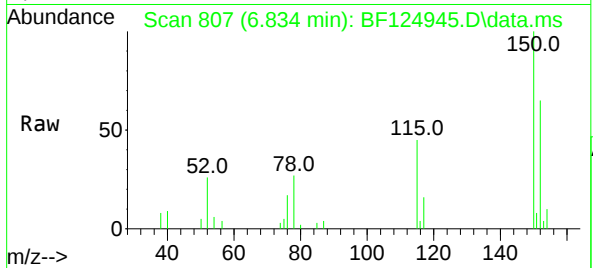




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. -0.005 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09

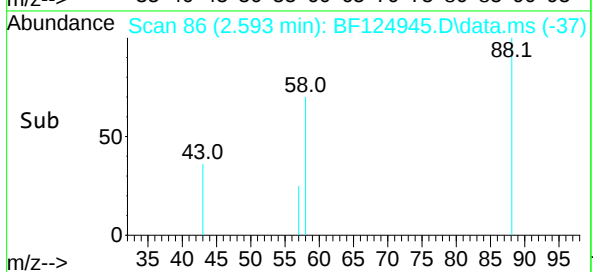
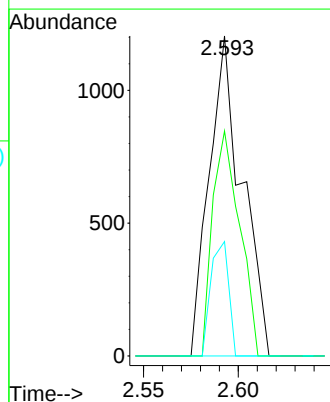
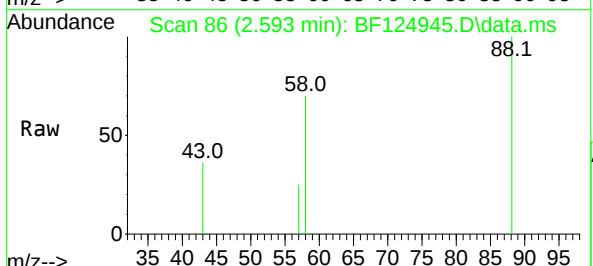
Instrument :
 BNA_F
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 LOD-MDL-SOIL-01-QT2-2021

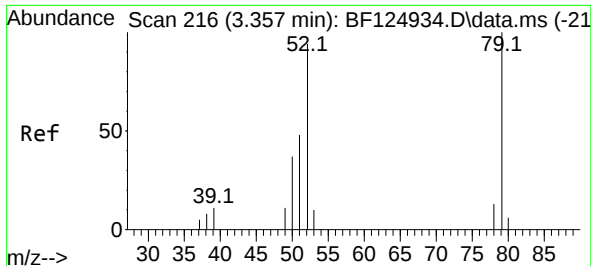
Tgt Ion:152 Resp: 7348
 Ion Ratio Lower Upper
 152 100
 150 154.8 117.6 176.4
 115 69.8 47.1 70.7



#2
 1,4-Dioxane
 Concen: 8.676 ng
 RT: 2.593 min Scan# 86
 Delta R.T. -0.012 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09

Tgt Ion: 88 Resp: 1456
 Ion Ratio Lower Upper
 88 100
 58 57.8 0.0 0.0#
 43 19.4 0.0 0.0#

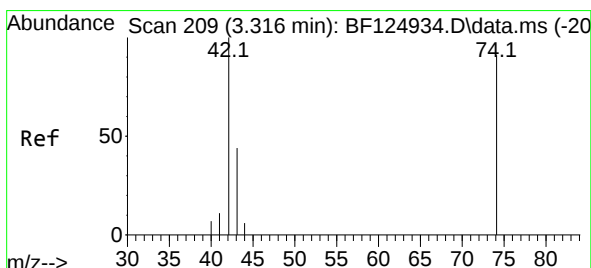
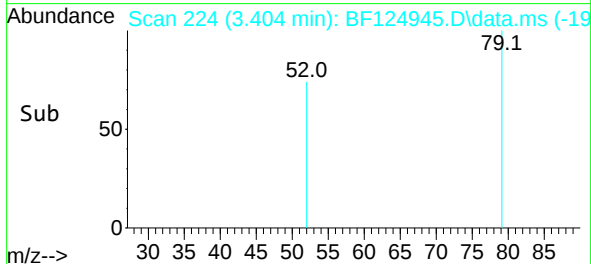
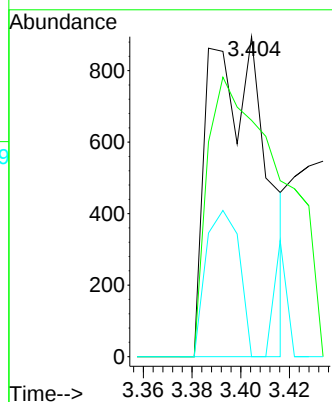
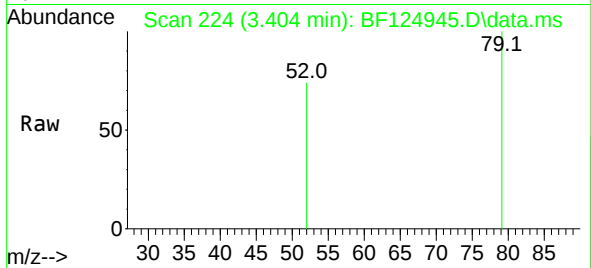




#3
Pyridine
Concen: 3.770 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.047 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

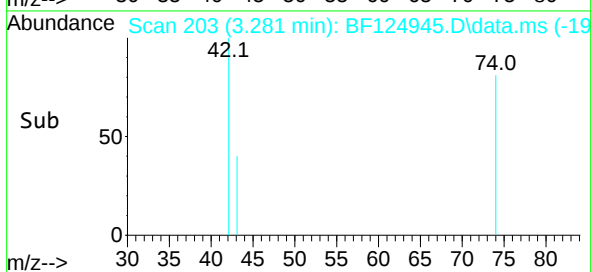
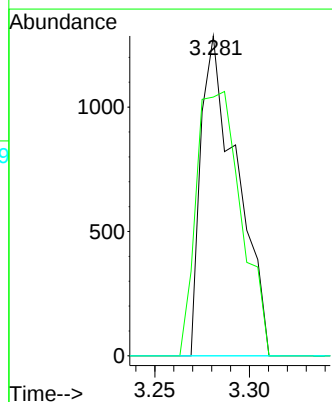
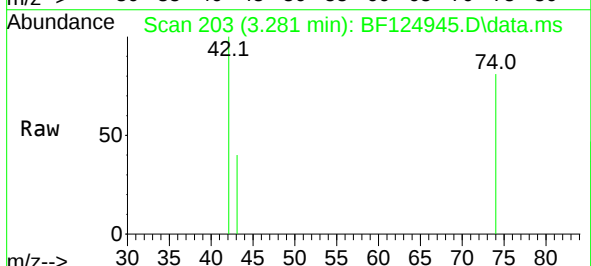
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

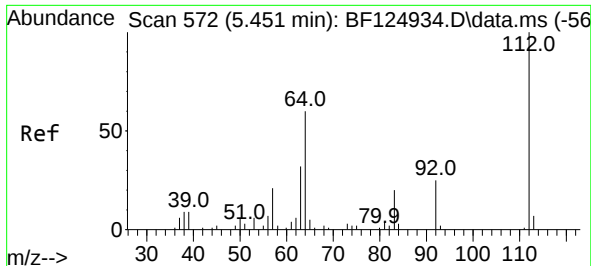
Tgt Ion: 79 Resp: 1470
Ion Ratio Lower Upper
79 100
52 73.9 70.3 105.5
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 6.157 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.035 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 42 Resp: 1705
Ion Ratio Lower Upper
42 100
74 80.9 59.0 88.6
44 0.0 0.0 0.0

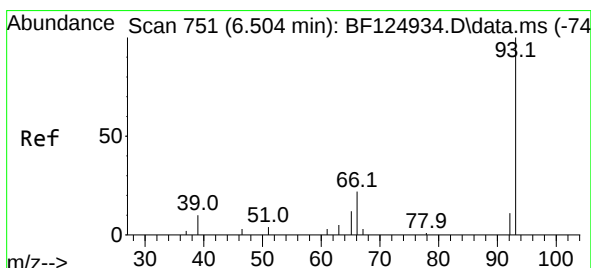
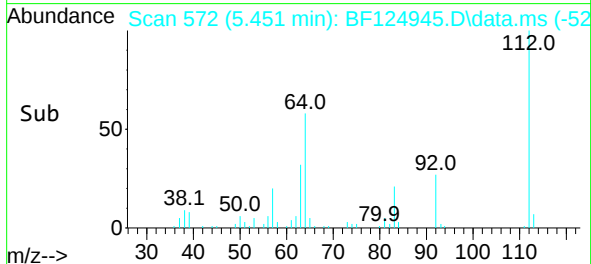
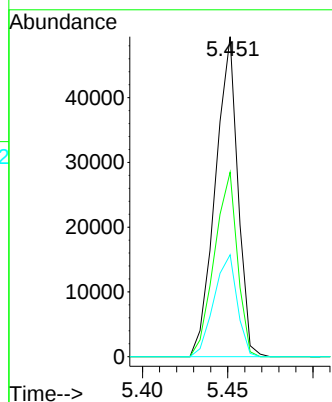
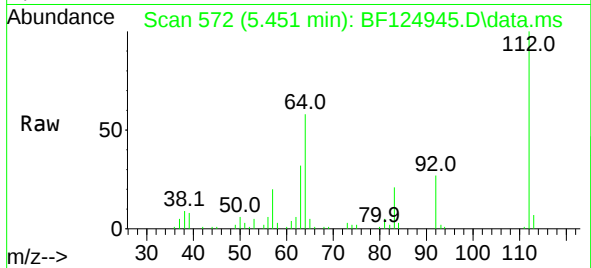




#5
2-Fluorophenol
Concen: 101.154 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

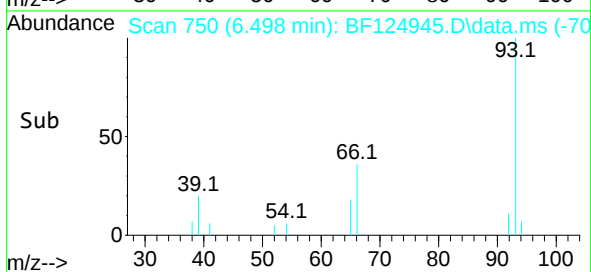
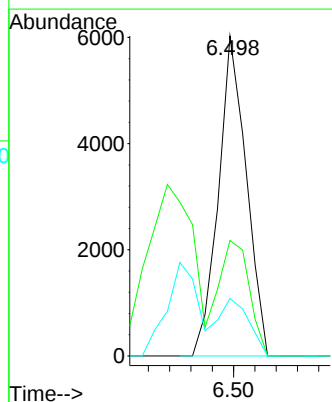
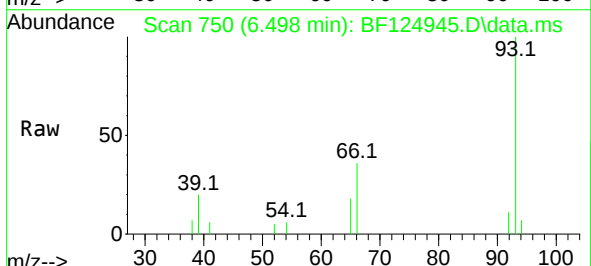
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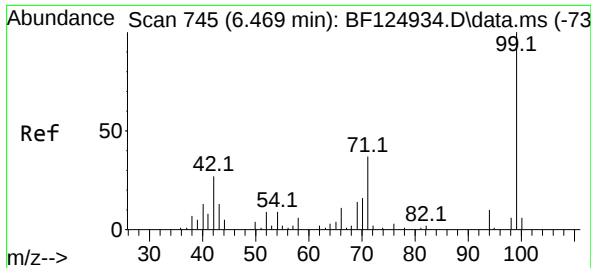
Tgt Ion:112 Resp: 45374
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 31.8 26.2 39.2



#6
Aniline
Concen: 9.150 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 93 Resp: 5467
Ion Ratio Lower Upper
93 100
66 36.1 32.7 49.1
65 17.9 14.2 21.4

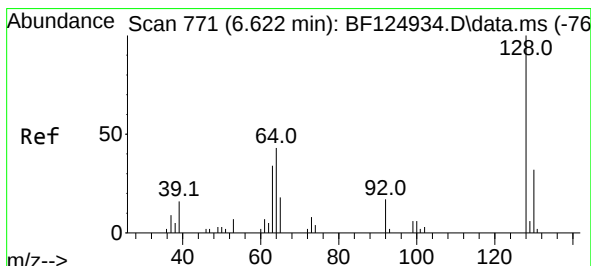
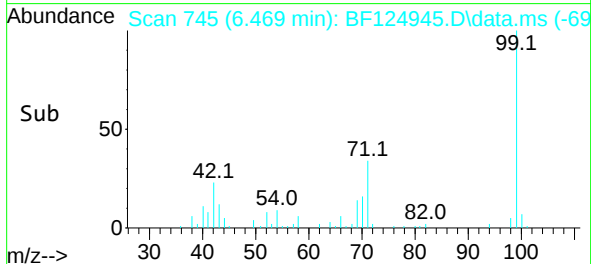
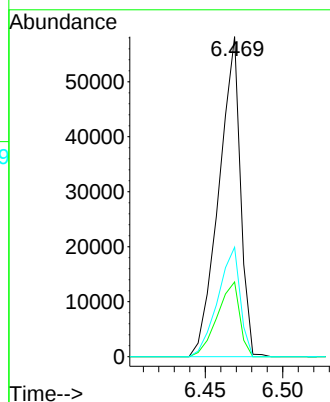
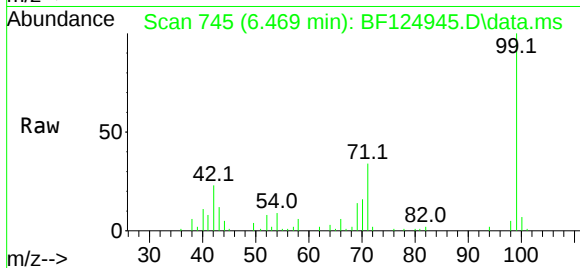




#7
Phenol-d6
Concen: 99.275 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

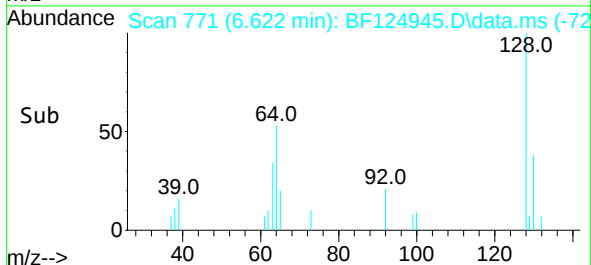
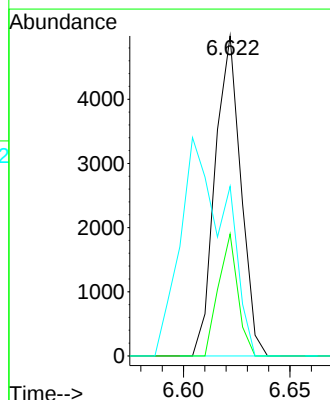
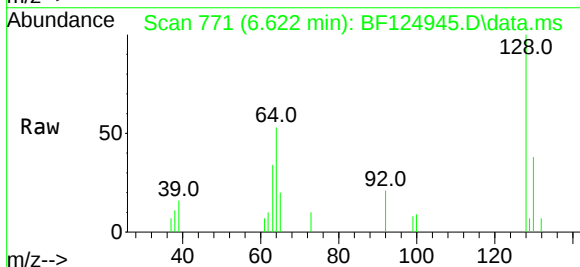
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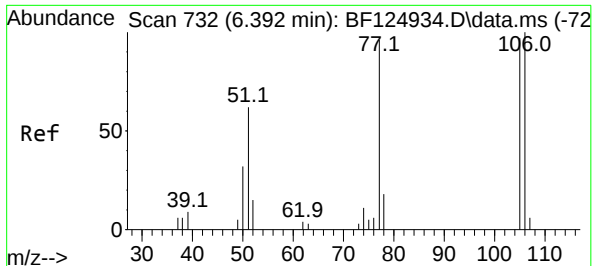
Tgt Ion: 99 Resp: 56151
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 34.2 25.6 38.4



#8
2-Chlorophenol
Concen: 8.501 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:128 Resp: 4183
Ion Ratio Lower Upper
128 100
130 38.1 10.5 50.5
64 53.0 20.3 60.3

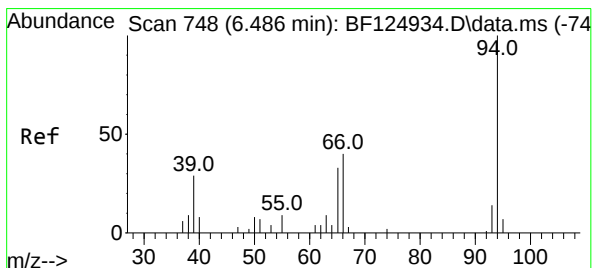
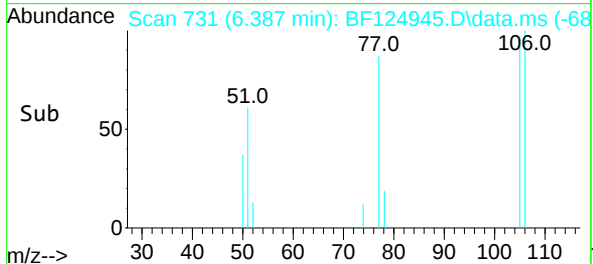
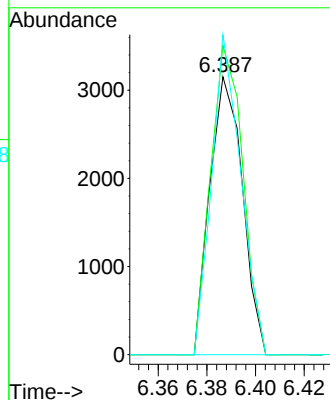
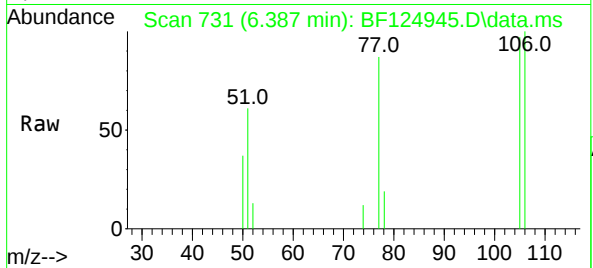




#9
Benzaldehyde
Concen: 9.515 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

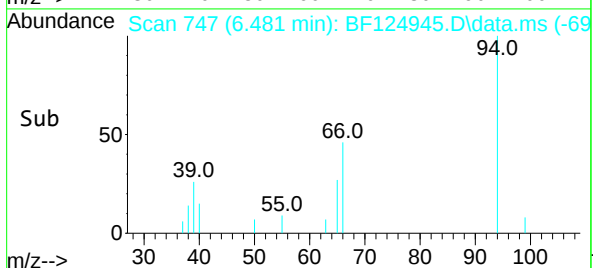
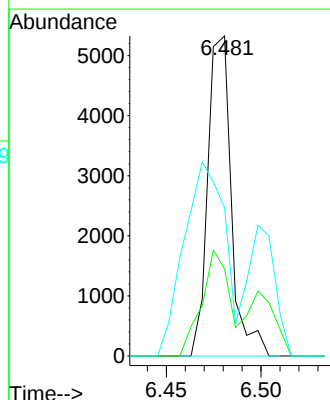
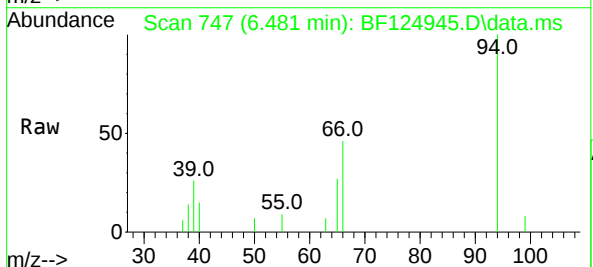
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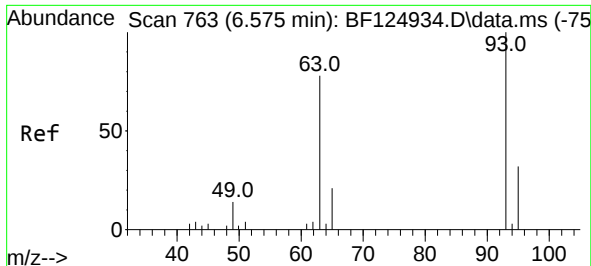
Tgt Ion:	77	Resp:	2928
Ion	Ratio	Lower	Upper
77	100		
105	111.3	75.9	115.9
106	115.2	84.0	124.0



#10
Phenol
Concen: 7.928 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

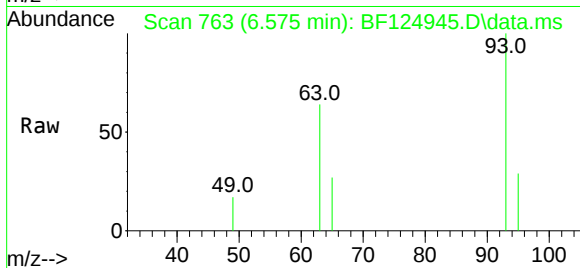
Tgt Ion:	94	Resp:	4627
Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.3	49.3
66	46.4	20.3	60.3



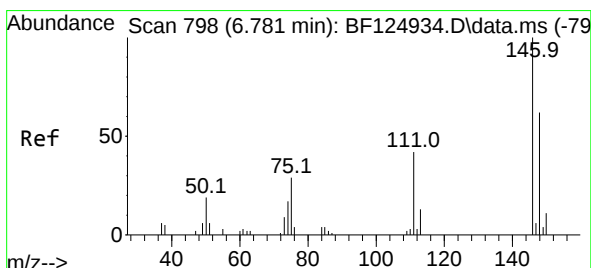
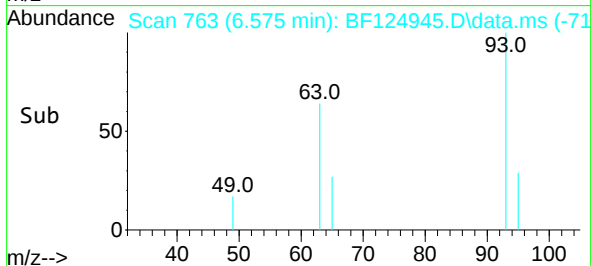
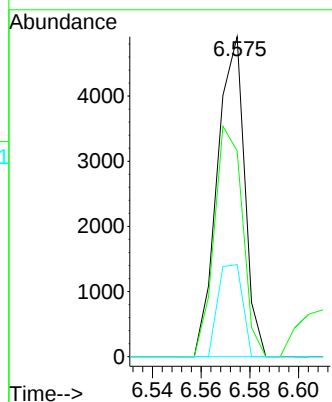


#11
bis(2-Chloroethyl)ether
Concen: 8.737 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

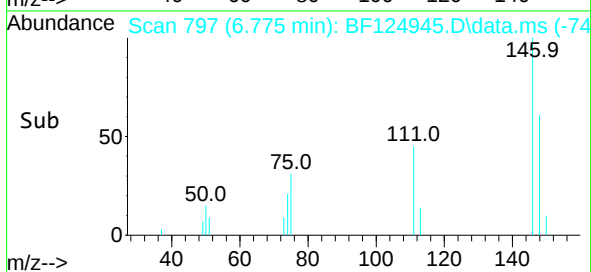
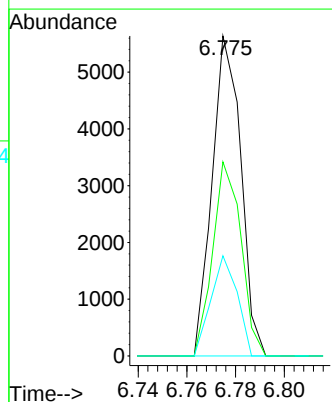
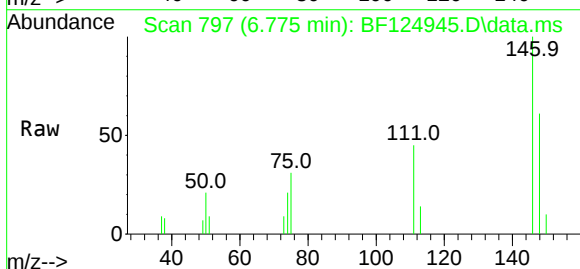


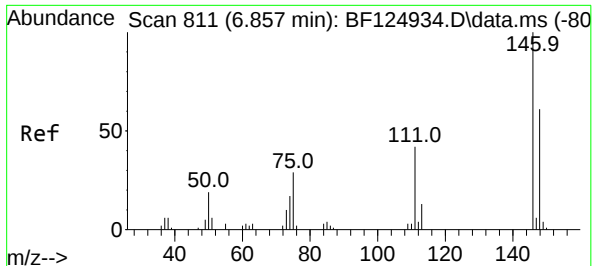
Tgt Ion: 93	Resp:	3825	
Ion	Ratio	Lower	Upper
93	100		
63	64.3	54.4	94.4
95	28.8	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 8.616 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:146	Resp:	4614	
Ion	Ratio	Lower	Upper
146	100		
148	60.6	49.7	74.5
75	31.3	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 8.181 ng

RT: 6.851 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

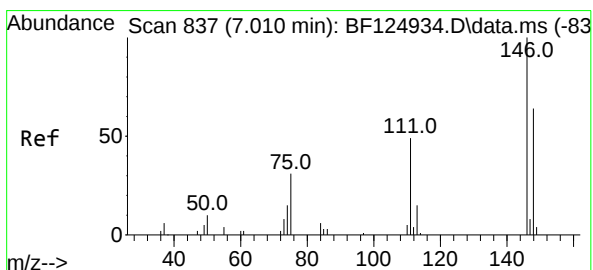
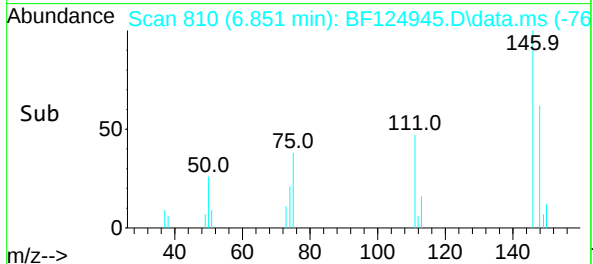
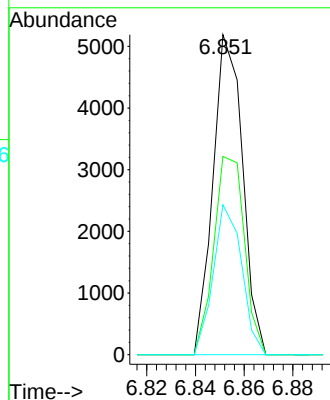
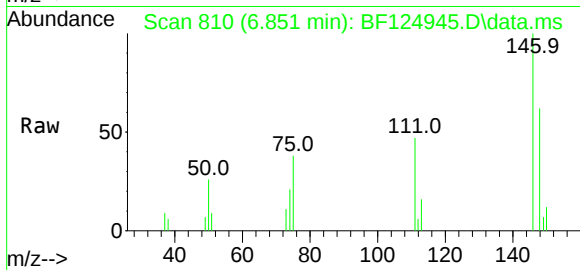
Tgt Ion:146 Resp: 4380

Ion Ratio Lower Upper

146 100

148 61.9 51.9 77.9

111 46.8 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 8.397 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

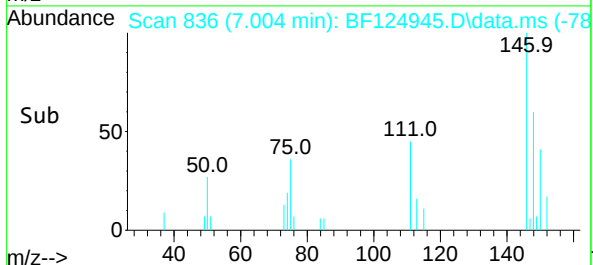
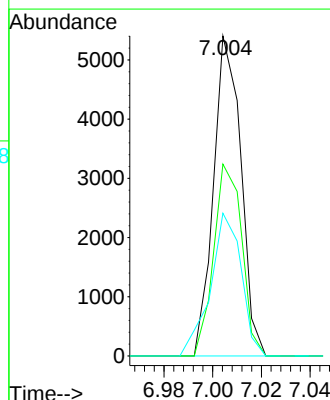
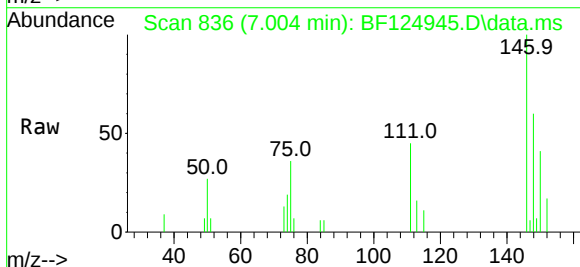
Tgt Ion:146 Resp: 4213

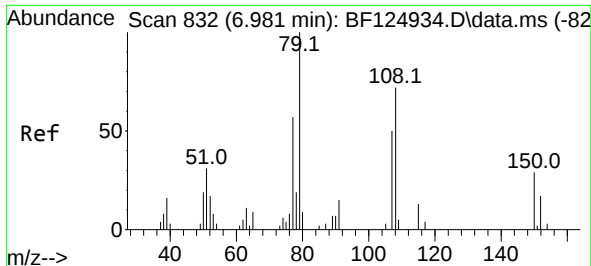
Ion Ratio Lower Upper

146 100

148 60.0 50.6 75.8

111 44.6 33.5 50.3

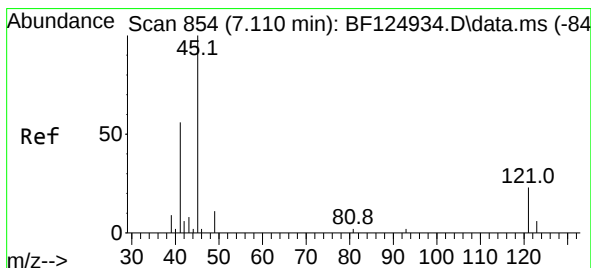
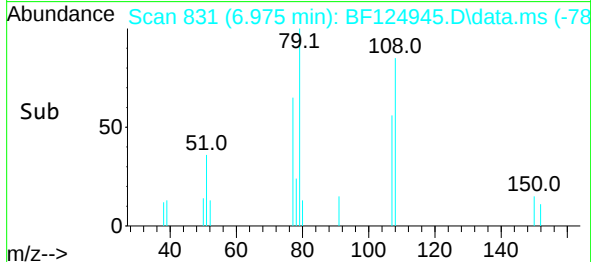
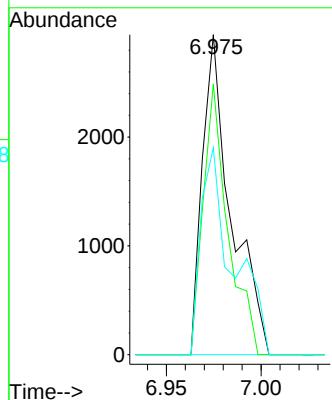
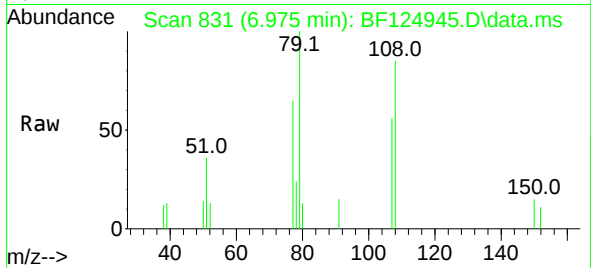




#15
Benzyl Alcohol
Concen: 7.606 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

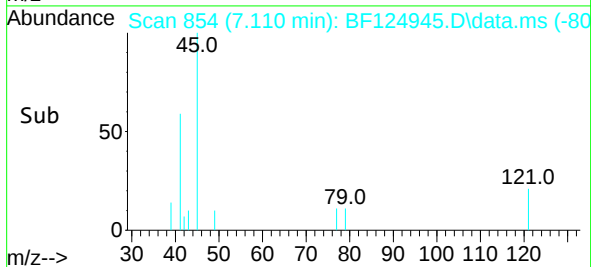
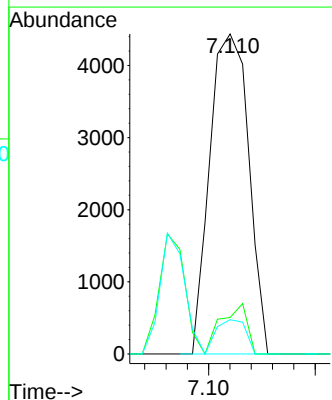
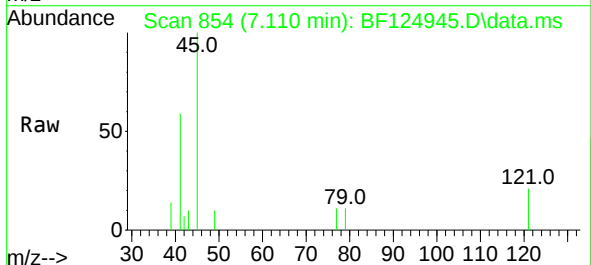
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

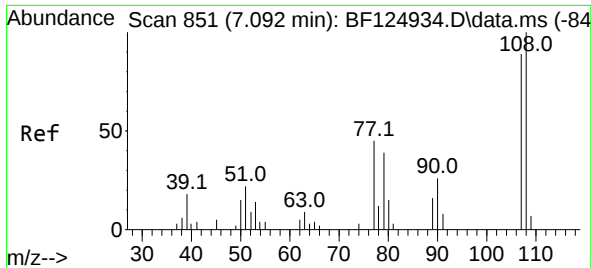
Tgt Ion: 79	Resp: 3103
Ion Ratio	Lower Upper
79	100
108	84.6 60.4 90.6
77	64.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.024 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 45	Resp: 5628
Ion Ratio	Lower Upper
45	100
77	11.4 0.0 30.6
79	10.7 0.0 27.5

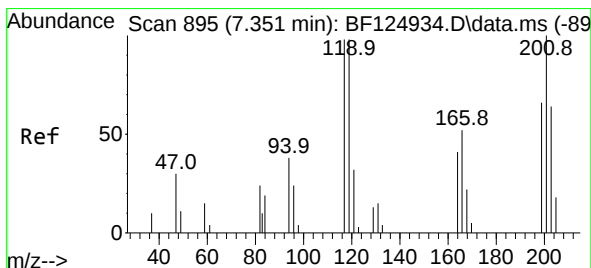
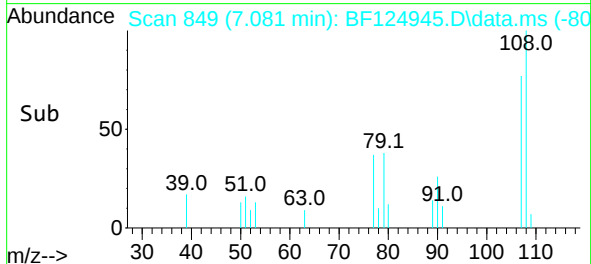
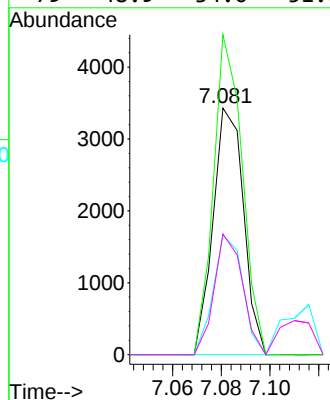
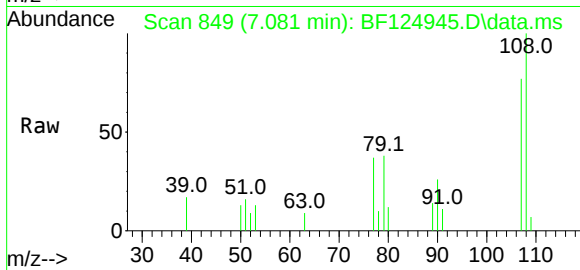




#17
2-Methylphenol
Concen: 8.080 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

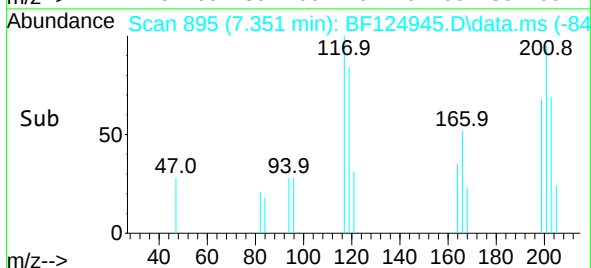
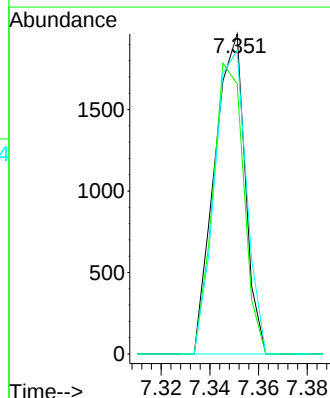
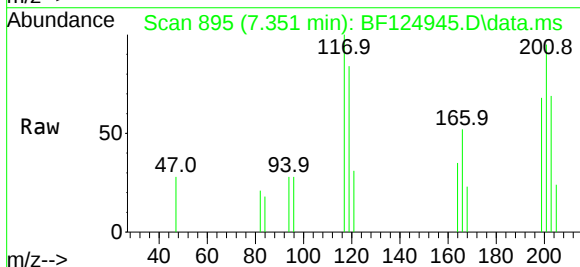
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

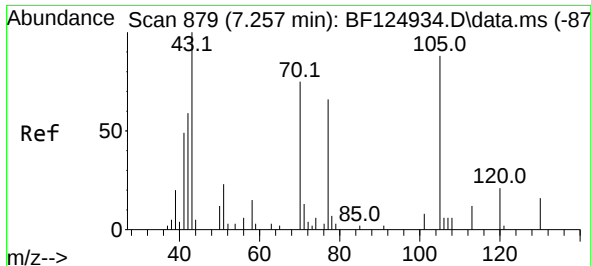
Tgt Ion:	107	Resp:	2976
Ion	Ratio	Lower	Upper
107	100		
108	129.8	90.6	135.8
77	48.6	35.7	53.5
79	48.9	34.0	51.0



#18
Hexachloroethane
Concen: 8.153 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	117	Resp:	1709
Ion	Ratio	Lower	Upper
117	100		
119	84.4	73.4	110.2
201	94.9	64.9	97.3





#19

n-Nitroso-di-n-propylamine

Concen: 7.503 ng

RT: 7.239 min Scan# 876

Delta R.T. -0.018 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion: 70 Resp: 2518

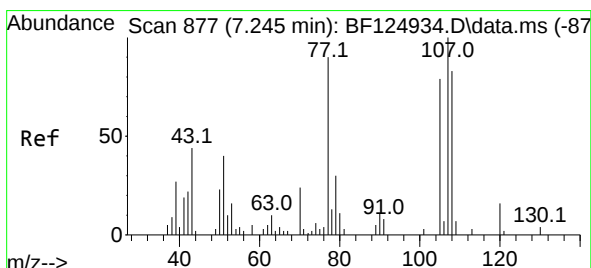
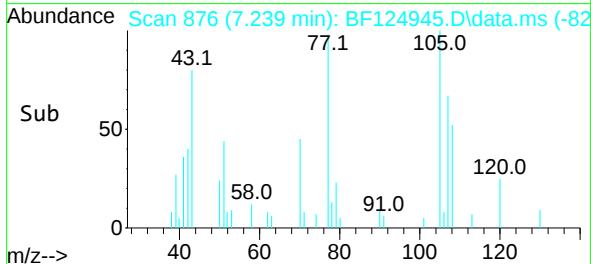
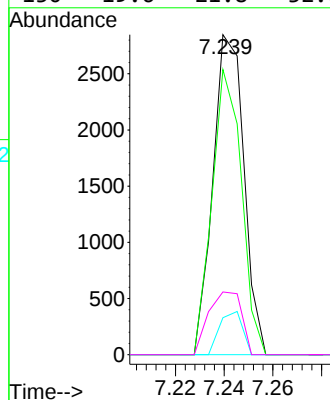
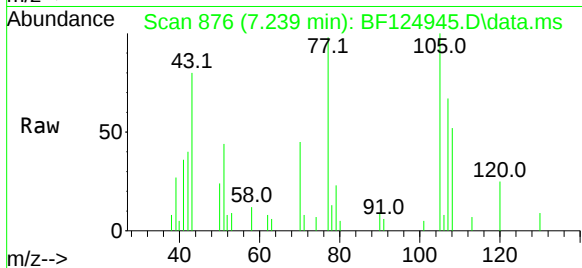
Ion Ratio Lower Upper

70 100

42 89.1 72.2 108.2

101 11.6 7.8 11.8

130 19.6 21.8 32.6#



#20

3+4-Methylphenols

Concen: 8.150 ng

RT: 7.239 min Scan# 876

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion: 107 Resp: 3985

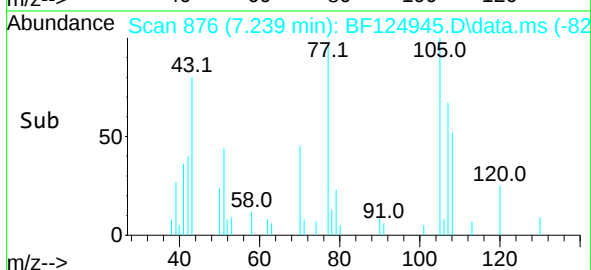
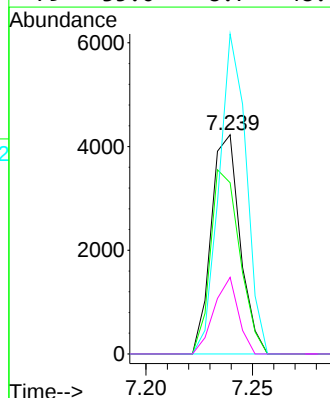
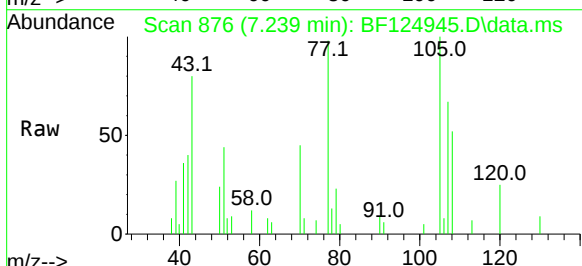
Ion Ratio Lower Upper

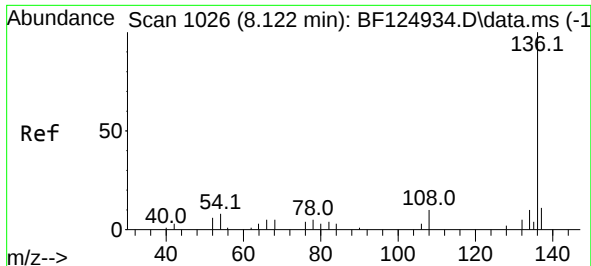
107 100

108 78.1 76.6 116.6

77 146.0 53.3 93.3#

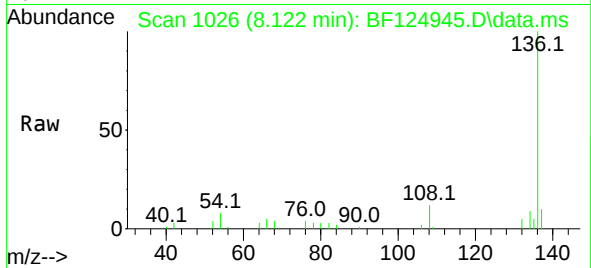
79 35.0 8.7 48.7



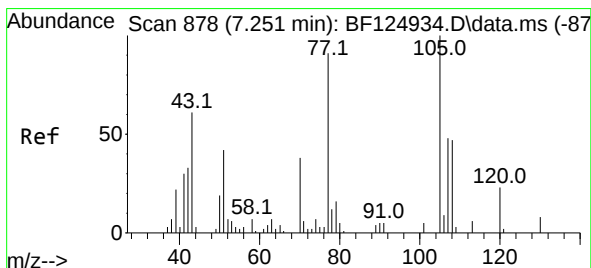
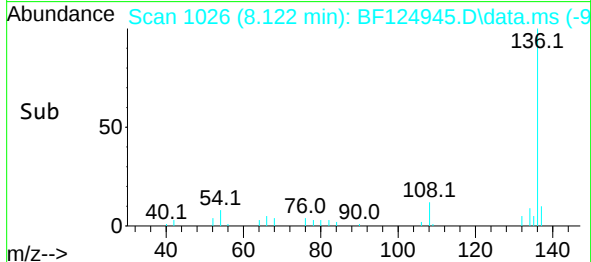
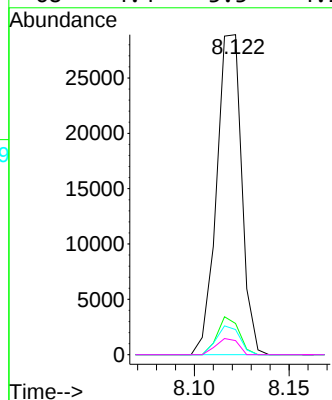


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

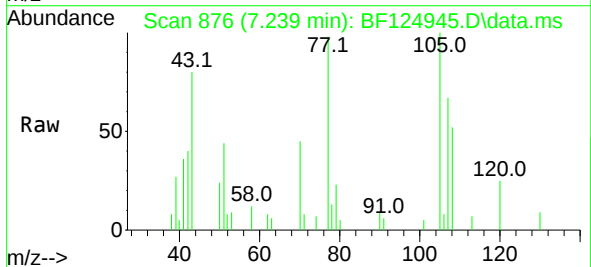
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



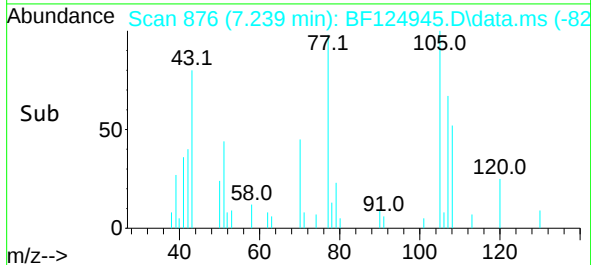
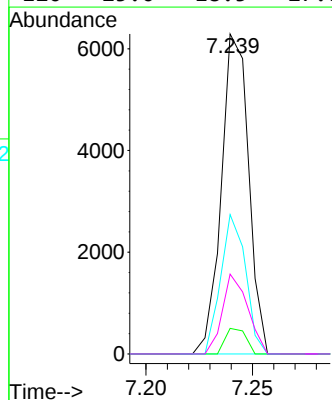
Tgt Ion:136	Resp:	26618
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.8 14.6#
54	7.8	6.4 9.6
68	4.4	3.3 4.9

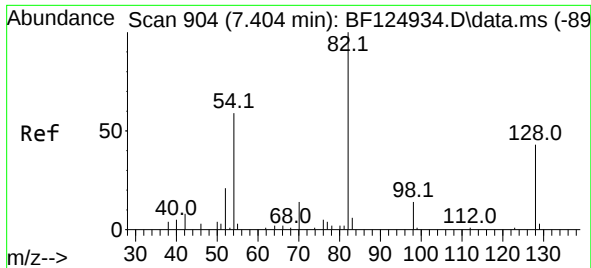


#22
Acetophenone
Concen: 8.595 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09



Tgt Ion:105	Resp:	5603
Ion Ratio	Lower	Upper
105	100	
71	8.0	5.5 8.3
51	43.6	26.0 39.0#
120	25.0	18.5 27.7

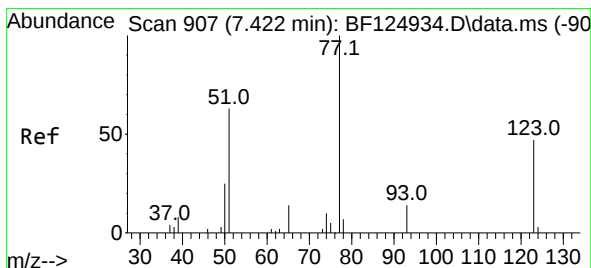
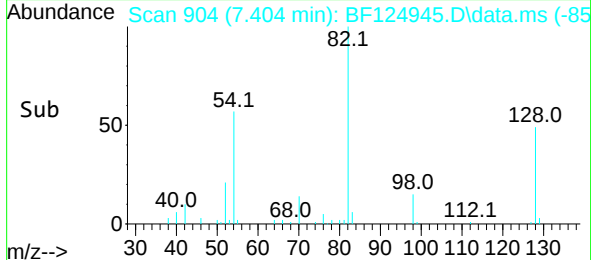
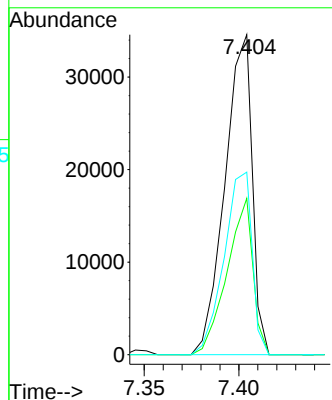
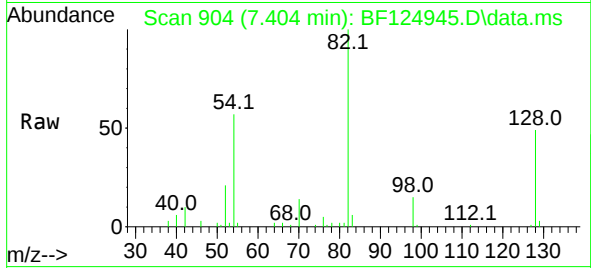




#23
Nitrobenzene-d5
Concen: 67.902 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

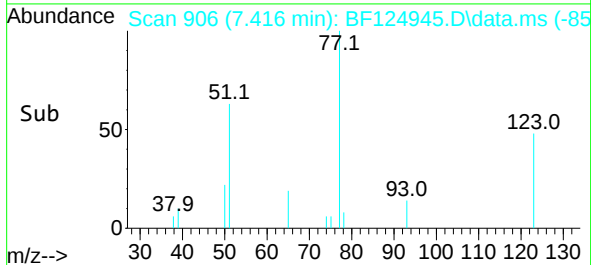
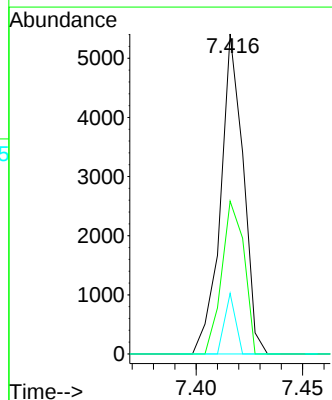
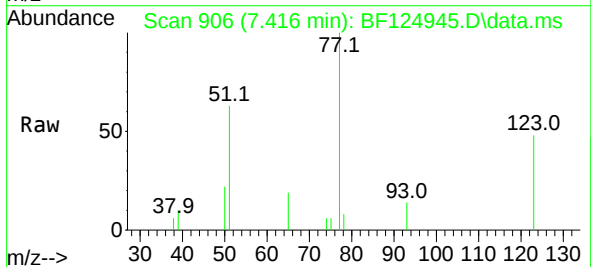
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

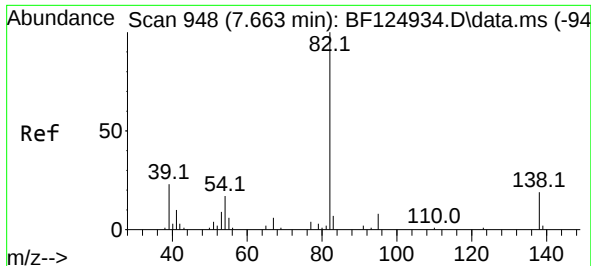
Tgt Ion: 82 Resp: 34550
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 57.0 49.6 74.4



#24
Nitrobenzene
Concen: 8.136 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 77 Resp: 4006
Ion Ratio Lower Upper
77 100
123 47.8 42.3 63.5
65 19.0 12.4 18.6#

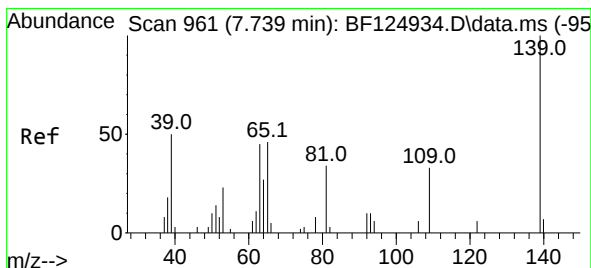
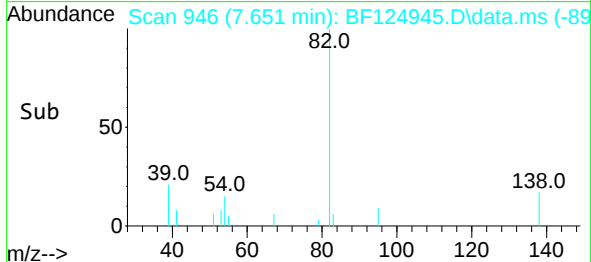
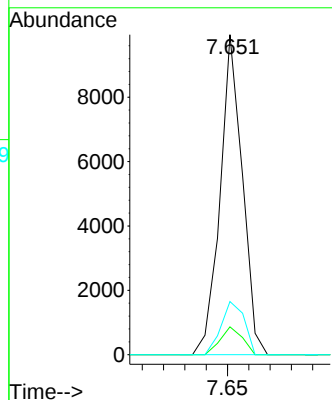
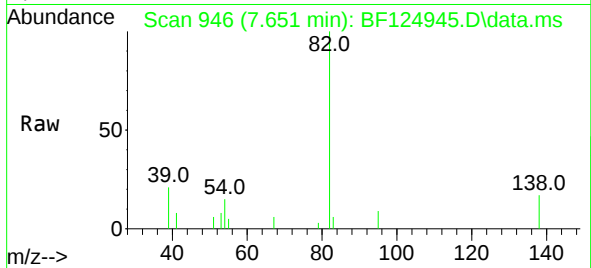




#25
Isophorone
Concen: 8.287 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

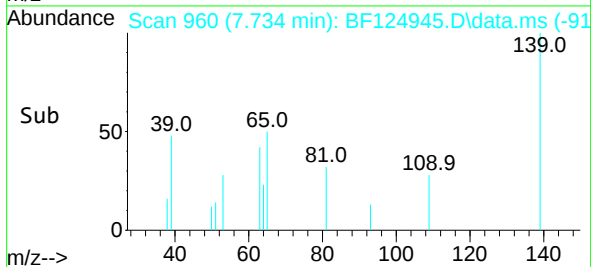
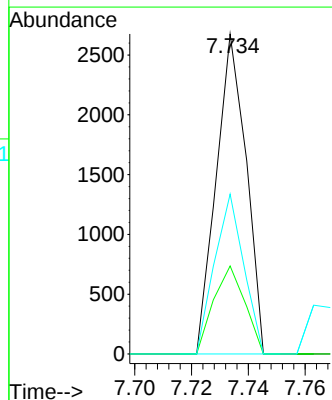
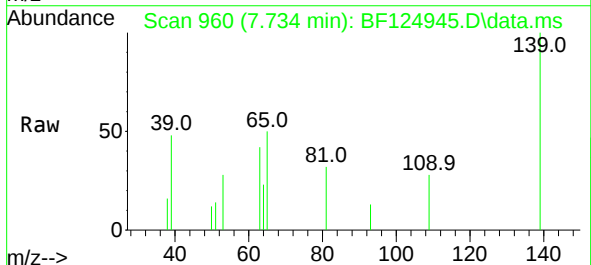
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

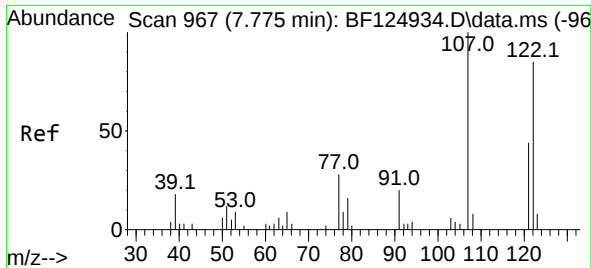
Tgt Ion: 82 Resp: 7197
Ion Ratio Lower Upper
82 100
95 8.7 6.5 9.7
138 16.6 18.4 27.6#



#26
2-Nitrophenol
Concen: 7.795 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion: 139 Resp: 1949
Ion Ratio Lower Upper
139 100
109 27.5 26.0 39.0
65 50.0 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 9.407 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

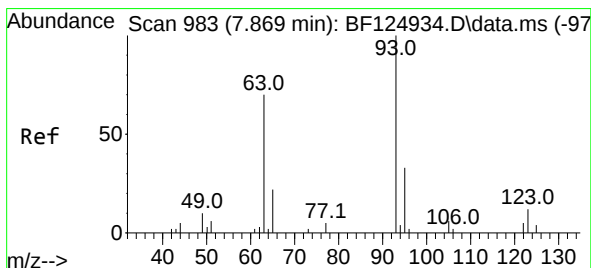
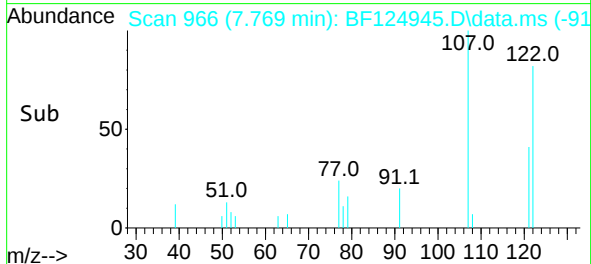
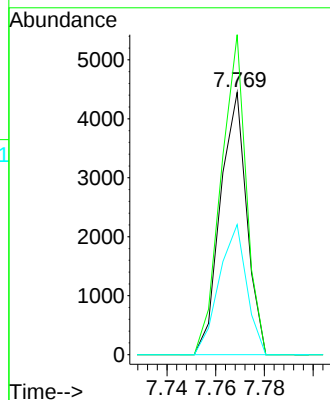
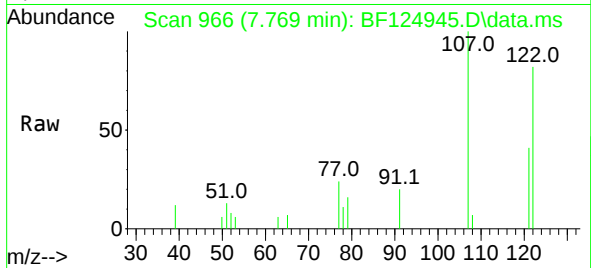
Tgt Ion:122 Resp: 3334

Ion Ratio Lower Upper

122 100

107 122.0 85.0 127.6

121 49.6 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 9.450 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

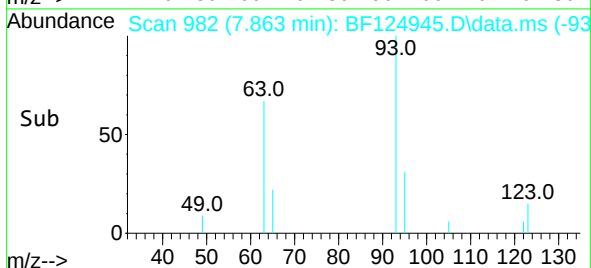
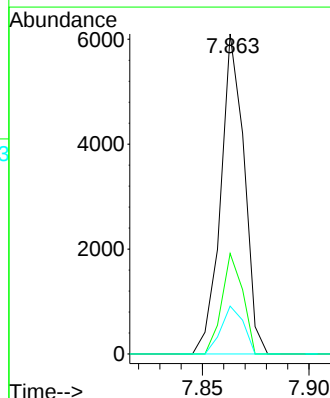
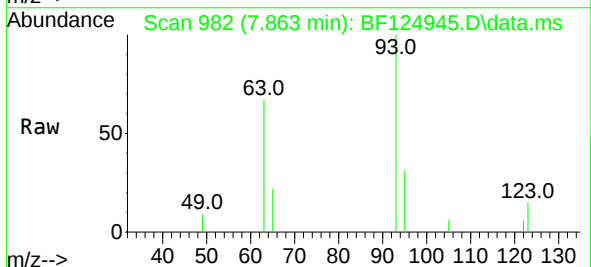
Tgt Ion: 93 Resp: 4671

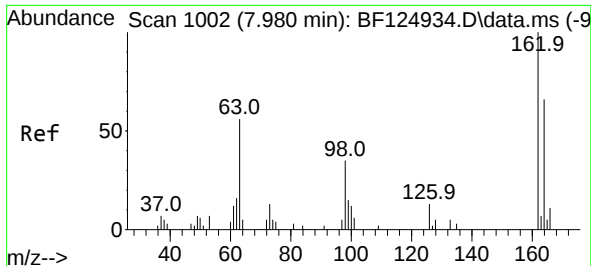
Ion Ratio Lower Upper

93 100

95 31.4 26.1 39.1

123 14.9 11.7 17.5

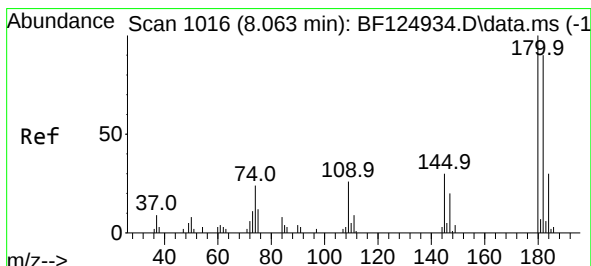
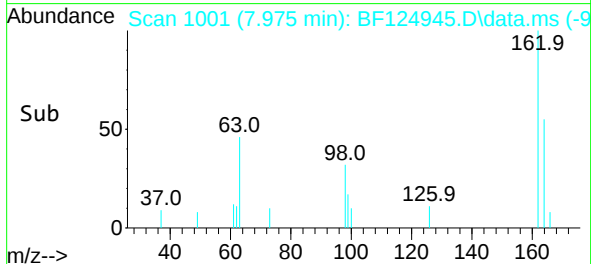
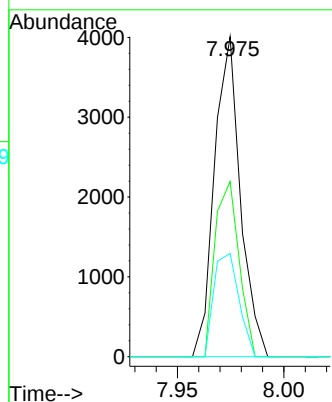
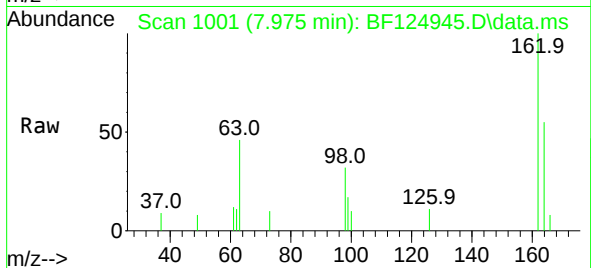




#29
2,4-Dichlorophenol
Concen: 8.572 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

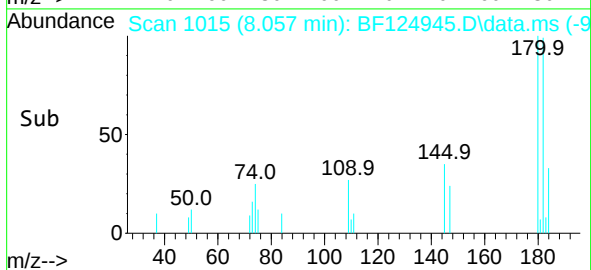
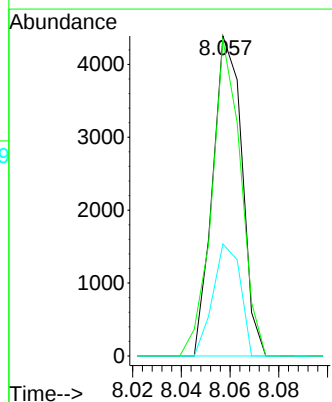
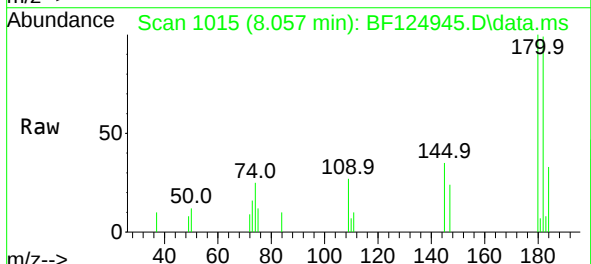
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

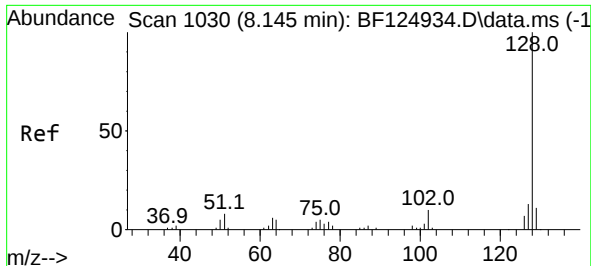
Tgt Ion:162	Resp:	3385
Ion	Ratio	Lower Upper
162	100	
164	54.8	44.5 84.5
98	32.3	13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 8.269 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

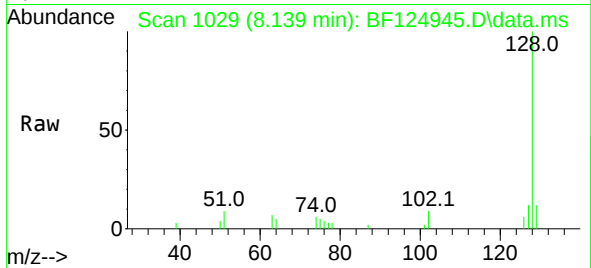
Tgt Ion:180	Resp:	3659
Ion	Ratio	Lower Upper
180	100	
182	99.0	76.8 115.2
145	35.0	26.7 40.1



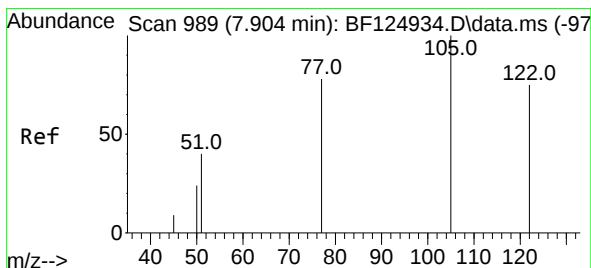
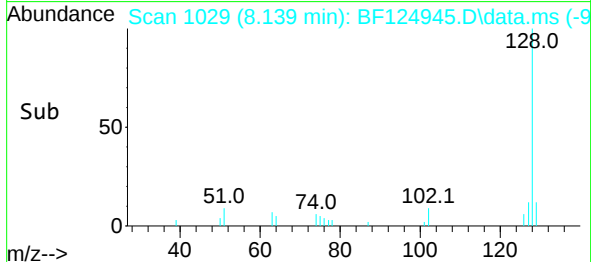
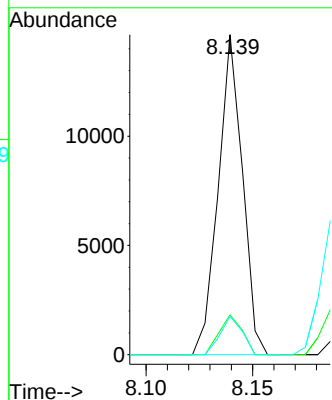


#31
Naphthalene
Concen: 8.440 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

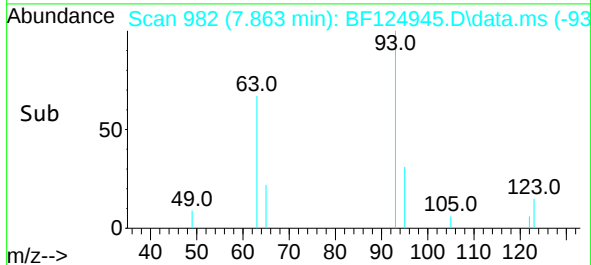
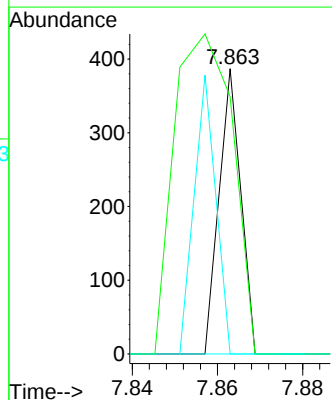
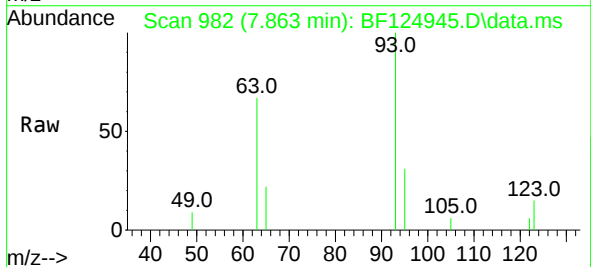


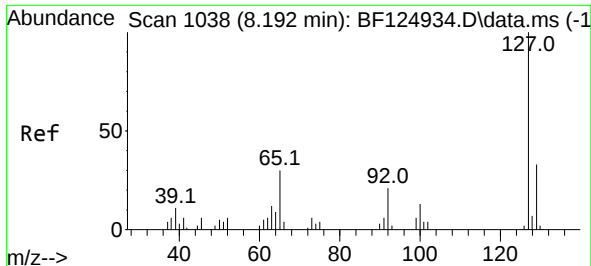
Tgt Ion:128 Resp: 11542
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 12.0 10.9 16.3



#32
Benzoic acid
Concen: 7.992 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.041 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

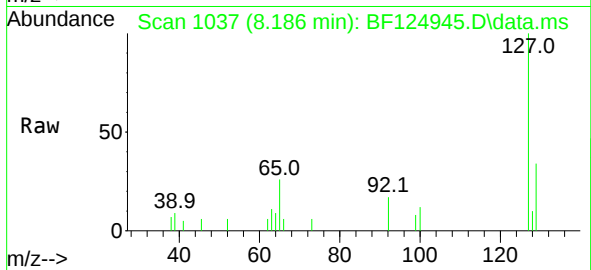
Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 90.2 97.6 137.6#
77 0.0 59.6 99.6#



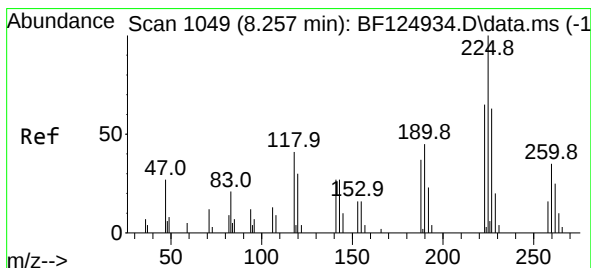
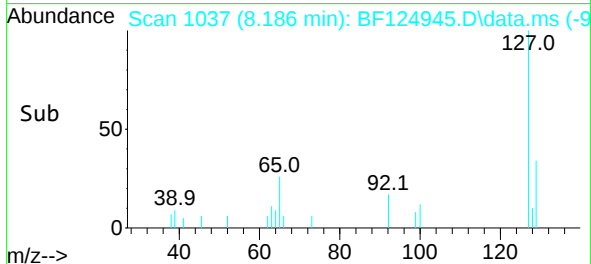
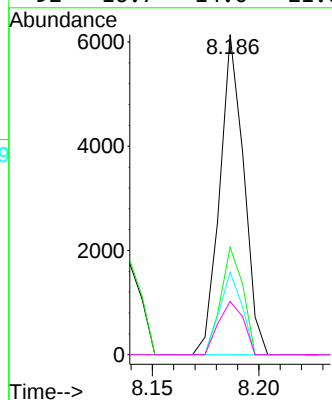


#33
4-Chloroaniline
Concen: 9.436 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

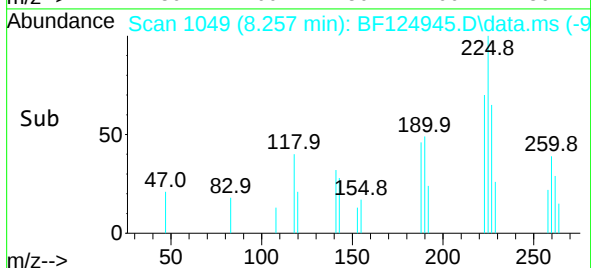
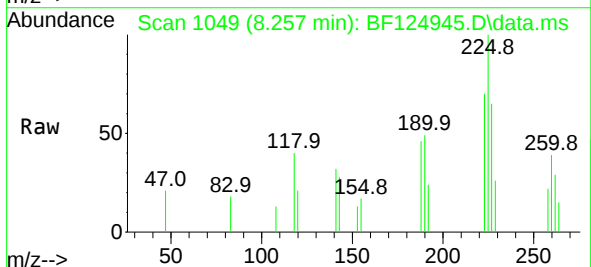
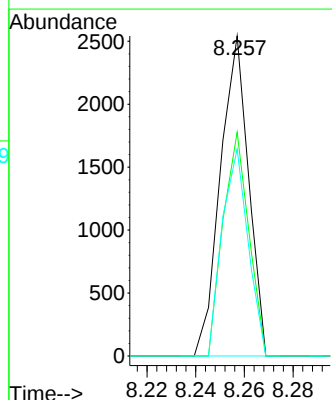


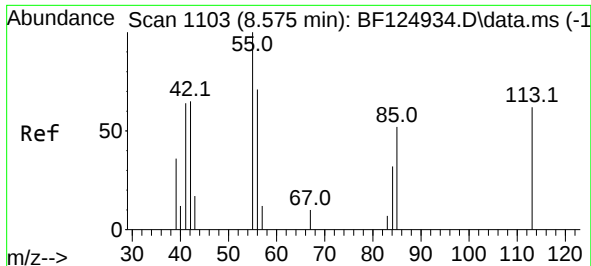
Tgt Ion:	127	Resp:	4809
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	25.7	21.2	31.8
92	16.7	14.0	21.0



#34
Hexachlorobutadiene
Concen: 7.727 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	225	Resp:	2042
Ion	Ratio	Lower	Upper
225	100		
223	69.9	50.6	76.0
227	64.6	50.6	75.8

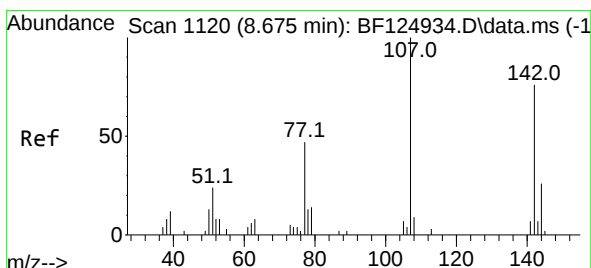
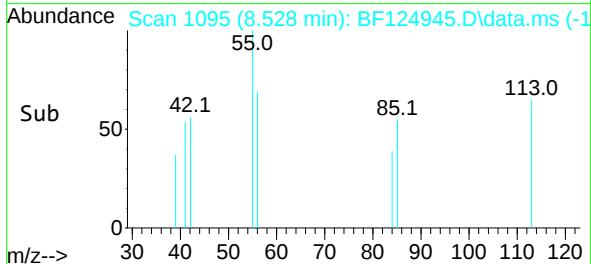
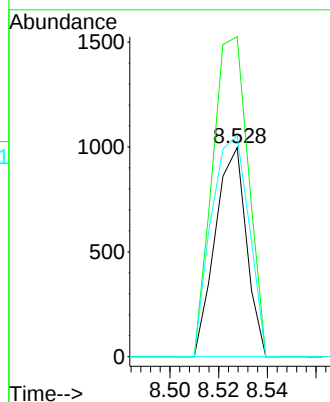
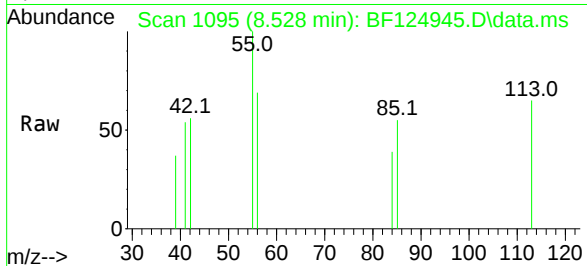




#35
Caprolactam
Concen: 8.488 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.047 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

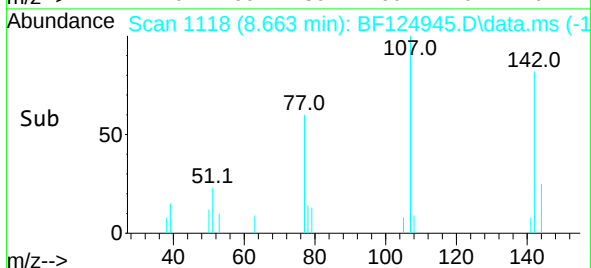
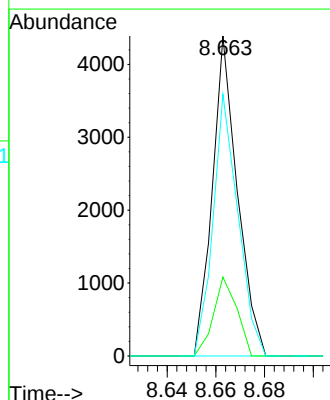
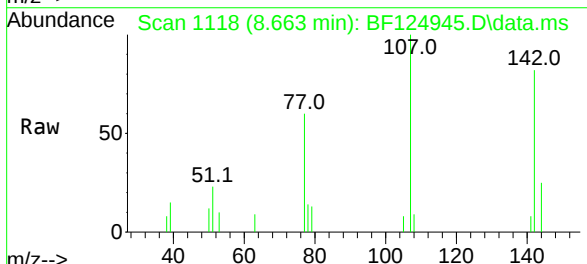
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

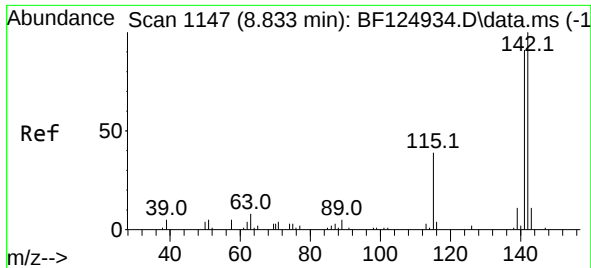
Tgt Ion:113 Resp: 890
Ion Ratio Lower Upper
113 100
55 153.1 154.1 194.1#
56 105.6 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 7.604 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:107 Resp: 3141
Ion Ratio Lower Upper
107 100
144 24.6 21.9 32.9
142 81.8 67.1 100.7

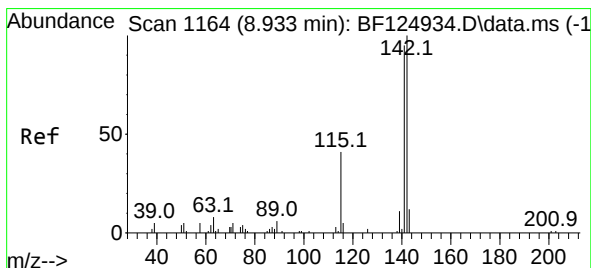
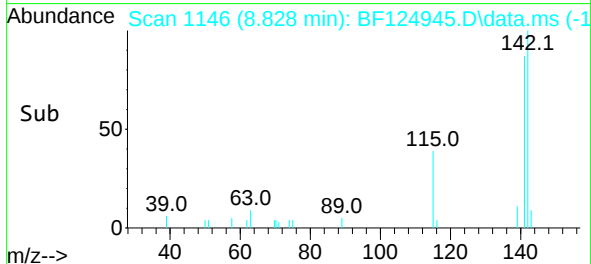
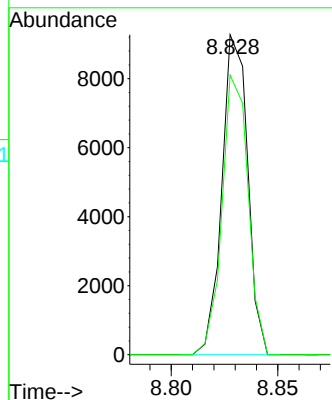
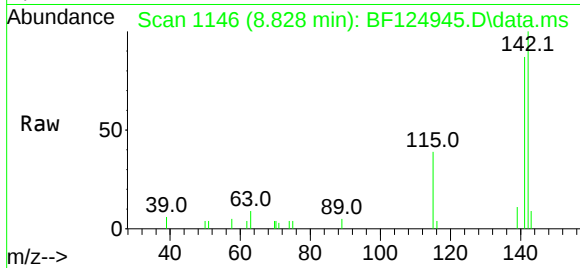




#37
2-Methylnaphthalene
Concen: 8.472 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

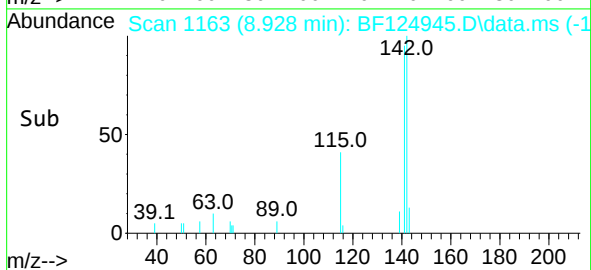
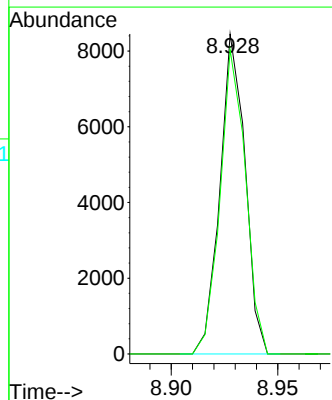
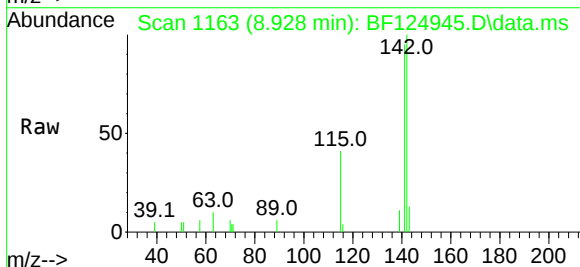
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

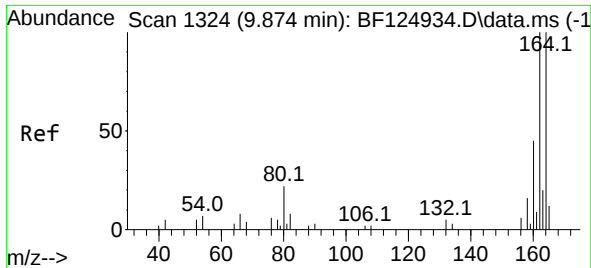
Tgt Ion:142 Resp: 7790
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 8.047 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

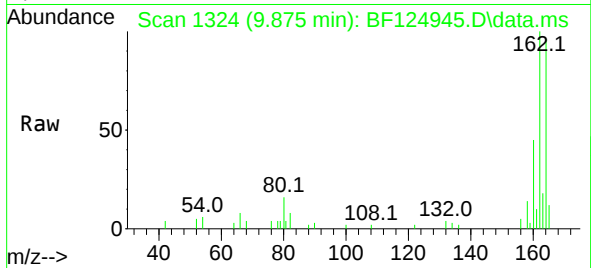
Tgt Ion:142 Resp: 6923
Ion Ratio Lower Upper
142 100
141 95.1 76.0 114.0



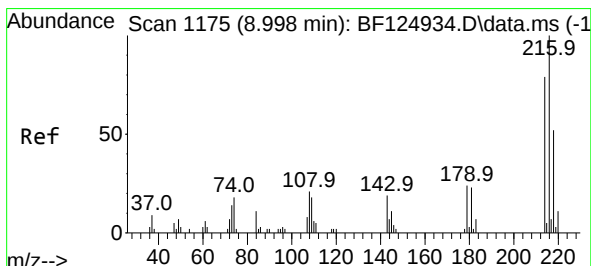
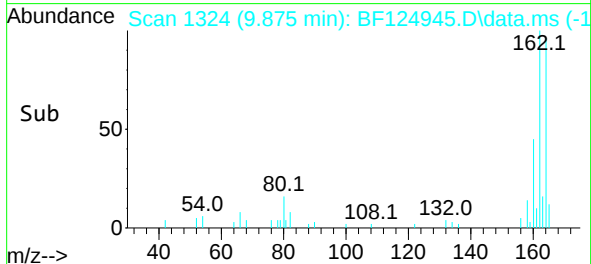
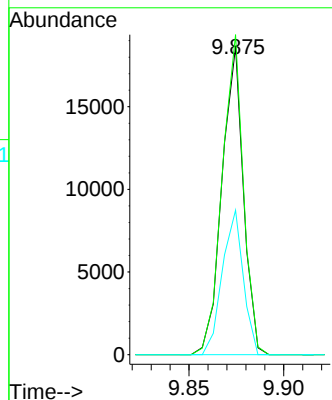


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

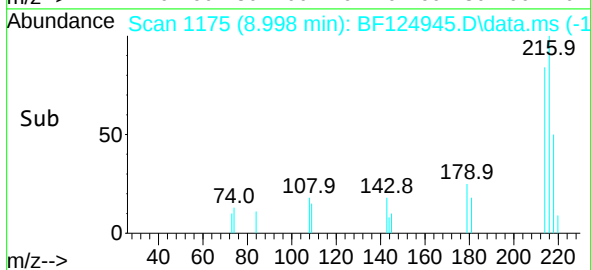
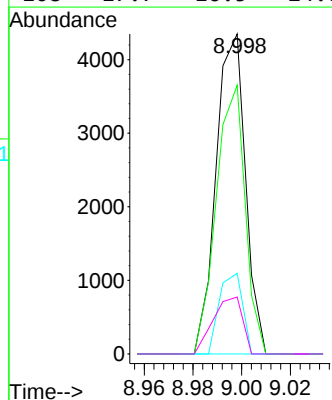
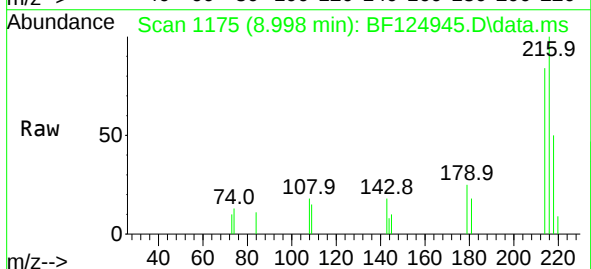


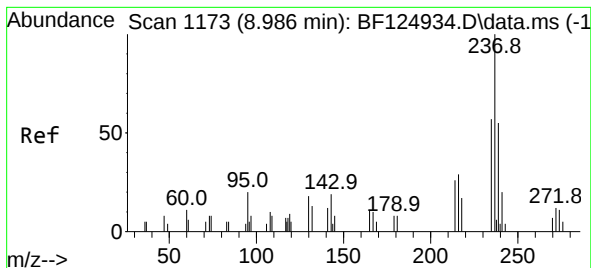
Tgt Ion:	164	Resp:	14680
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	46.9	38.0	57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.653 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:	216	Resp:	3646
Ion	Ratio	Lower	Upper
216	100		
214	82.7	64.9	97.3
179	19.9	17.4	26.2
108	17.7	16.5	24.7



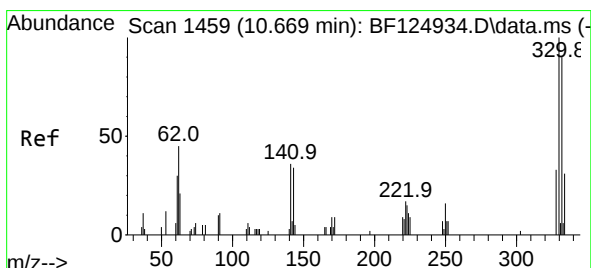
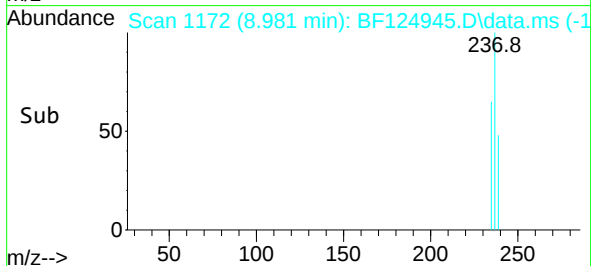
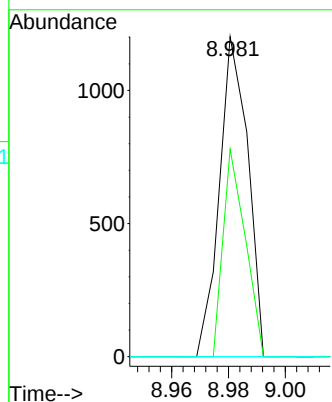
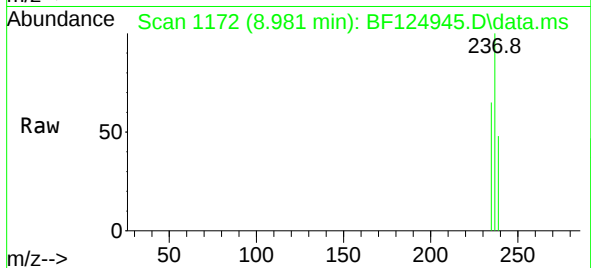


#41

Hexachlorocyclopentadiene
Concen: 10.246 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

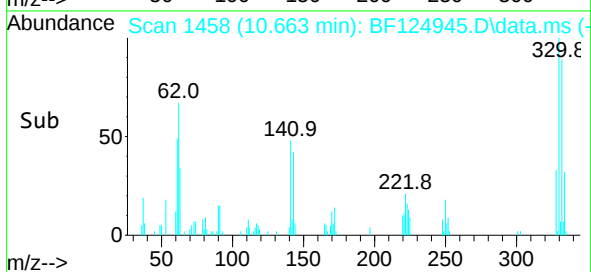
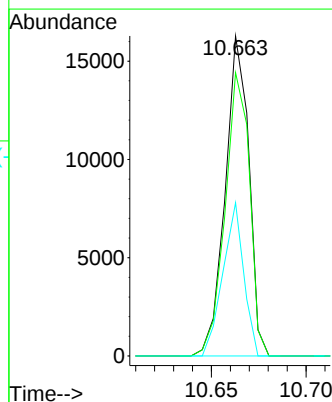
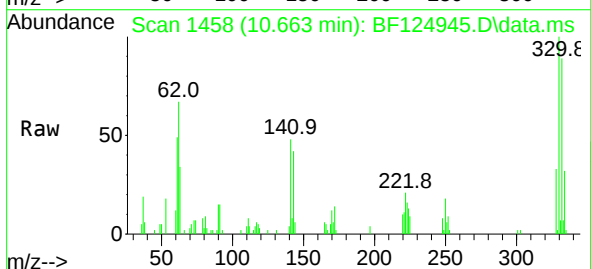
Tgt Ion:237	Resp:	835
Ion Ratio	Lower	Upper
237	100	
235	64.9	44.7 84.7
272	0.0	0.0 31.6

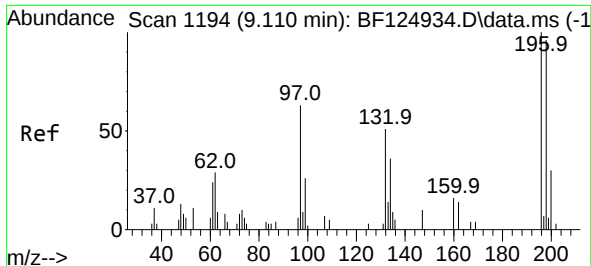


#42

2,4,6-Tribromophenol
Concen: 107.647 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:330	Resp:	14118
Ion Ratio	Lower	Upper
330	100	
332	91.5	76.2 114.4
141	42.3	44.6 66.8#

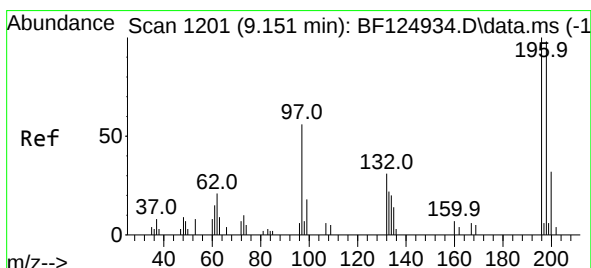
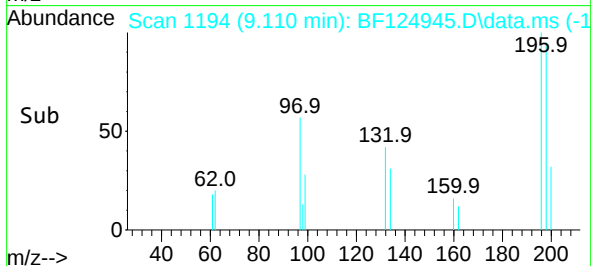
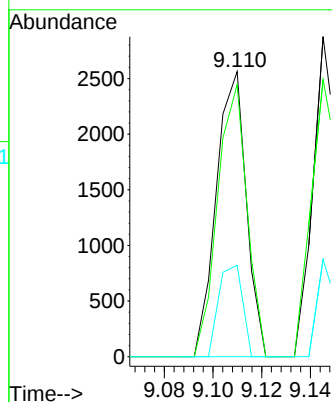
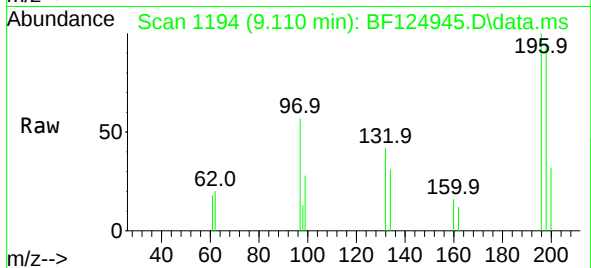




#43
2,4,6-Trichlorophenol
Concen: 7.807 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

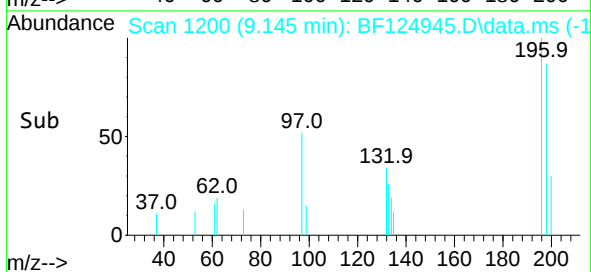
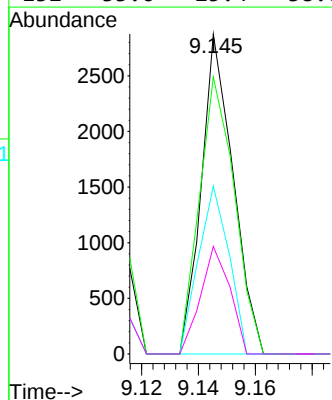
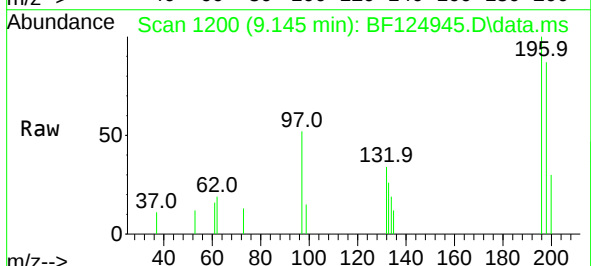
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

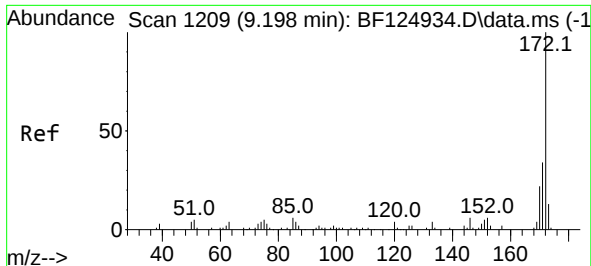
Tgt Ion:196 Resp: 2190
Ion Ratio Lower Upper
196 100
198 95.4 74.9 112.3
200 32.1 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 7.878 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:196 Resp: 2237
Ion Ratio Lower Upper
196 100
198 86.6 80.2 120.2
97 52.4 44.0 66.0
132 33.6 25.4 38.0

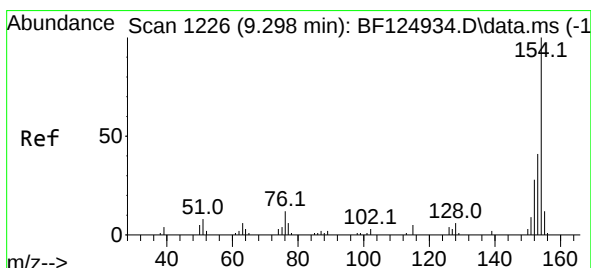
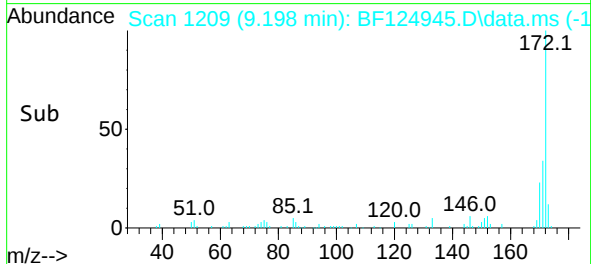
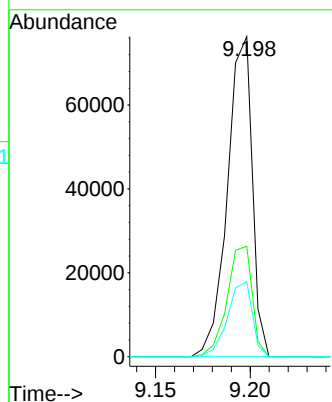
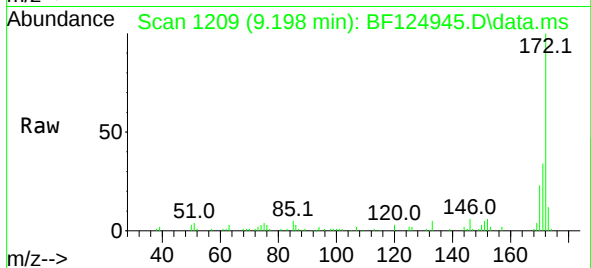




#45
2-Fluorobiphenyl
Concen: 69.081 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

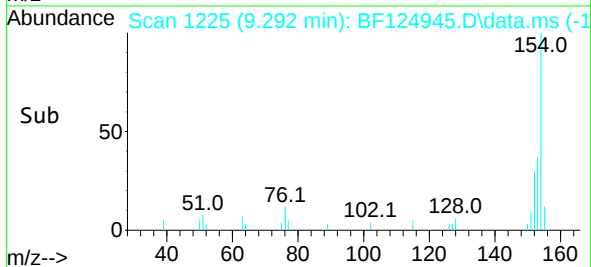
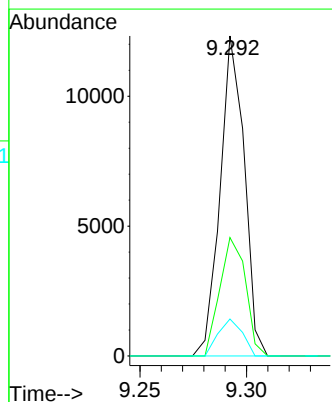
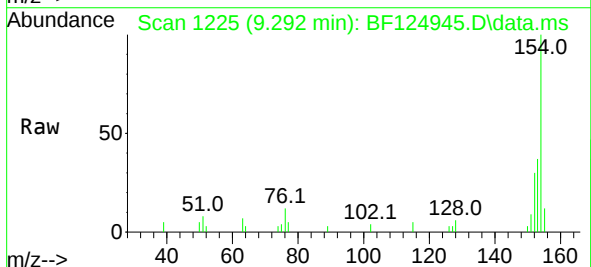
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

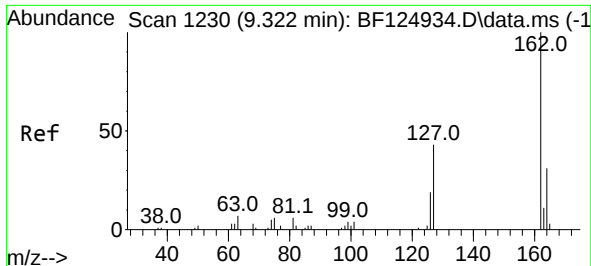
Tgt Ion:172	Resp:	69306
Ion Ratio	Lower	Upper
172	100	
171	34.5	26.5 39.7
170	23.4	18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.866 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:154	Resp:	9699
Ion Ratio	Lower	Upper
154	100	
153	37.0	20.0 60.0
76	11.5	0.0 30.3

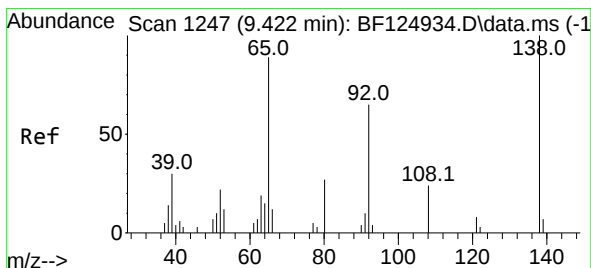
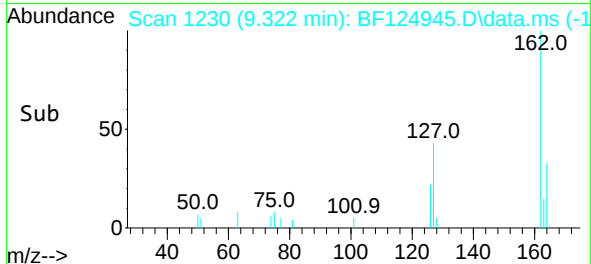
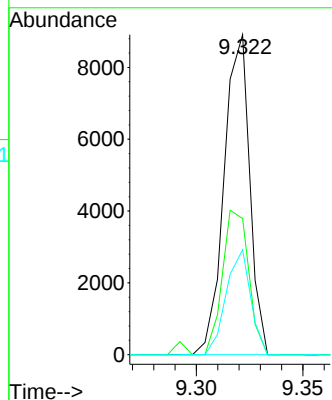
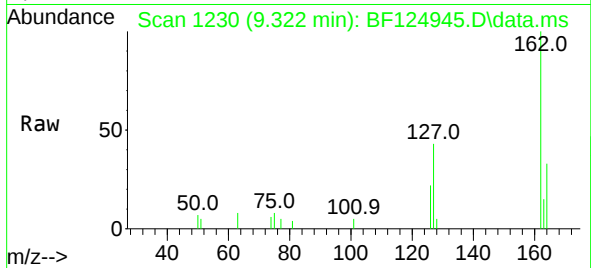




#47
2-Chloronaphthalene
Concen: 8.555 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

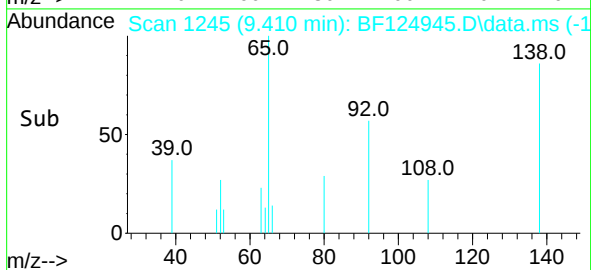
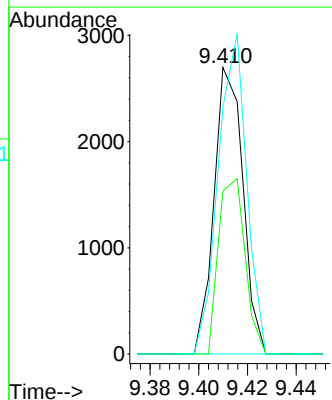
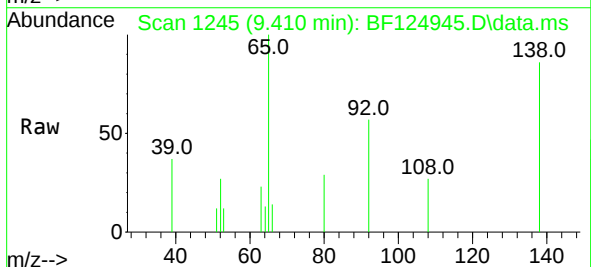
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

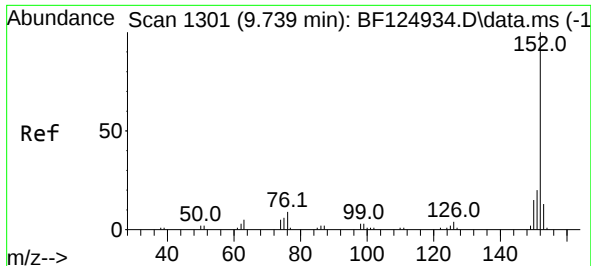
Tgt Ion:	162	Resp:	7446
Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.0	49.4
164	32.8	25.8	38.8



#48
2-Nitroaniline
Concen: 8.683 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

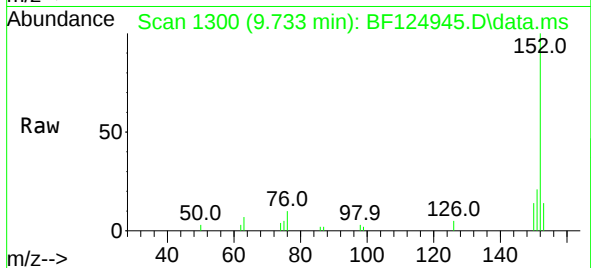
Tgt Ion:	65	Resp:	2220
Ion	Ratio	Lower	Upper
65	100		
92	56.9	55.5	83.3
138	86.3	93.5	140.3#



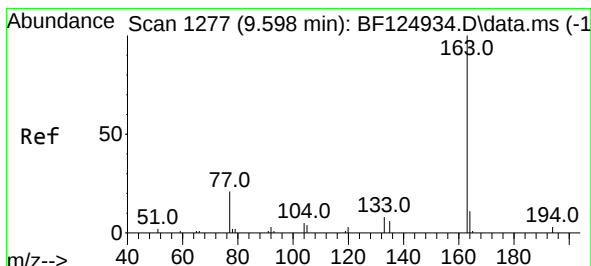
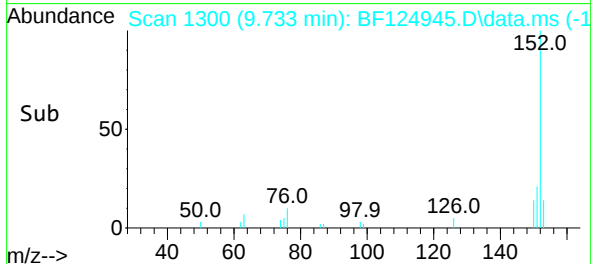
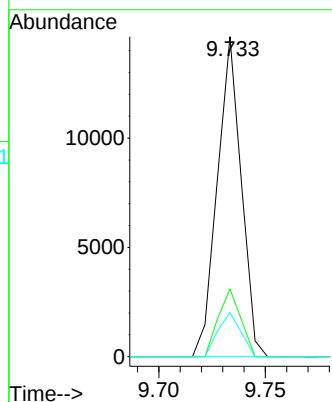


#49
Acenaphthylene
Concen: 8.628 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

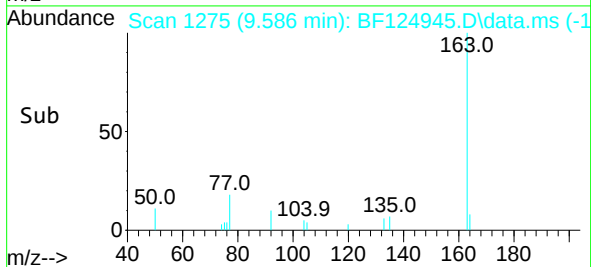
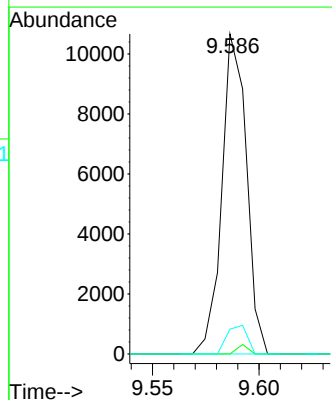
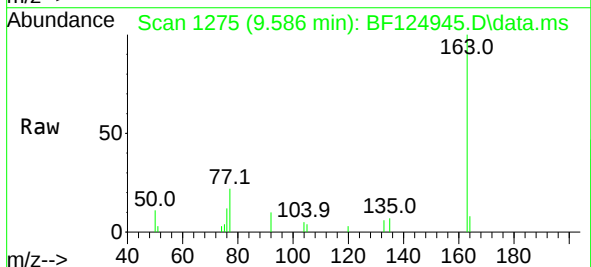


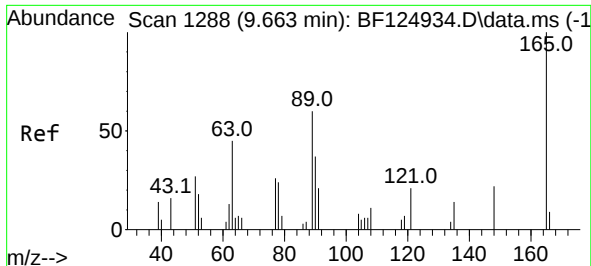
Tgt Ion:152 Resp: 11406
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 13.8 9.8 14.8



#50
Dimethylphthalate
Concen: 8.585 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:163 Resp: 8540
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 7.8 7.4 11.0

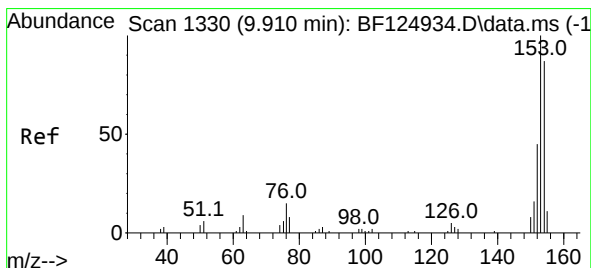
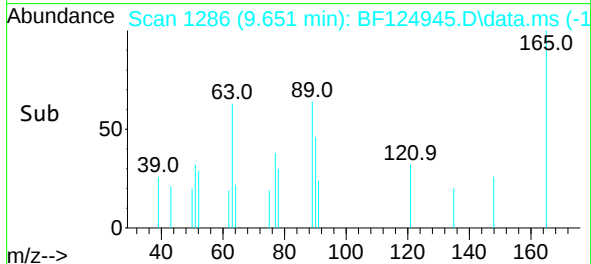
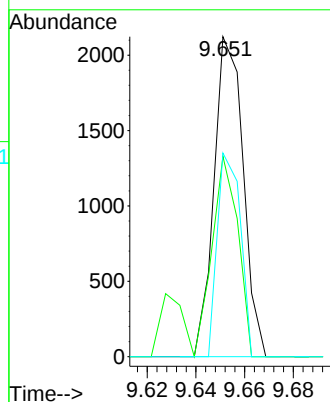
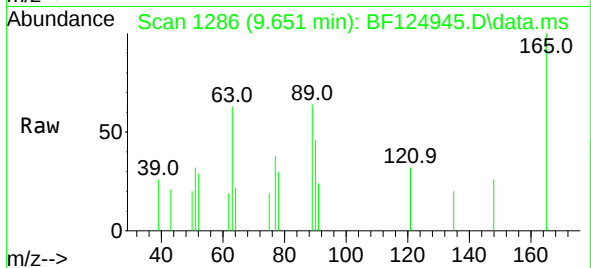




#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

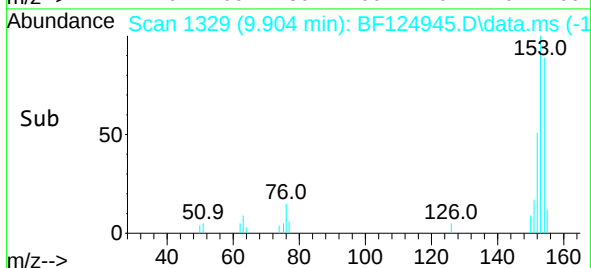
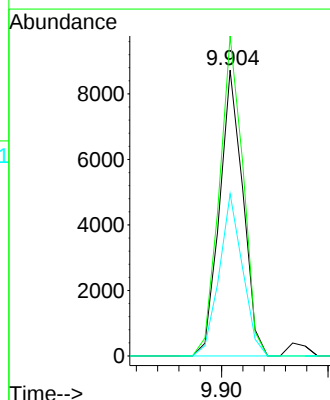
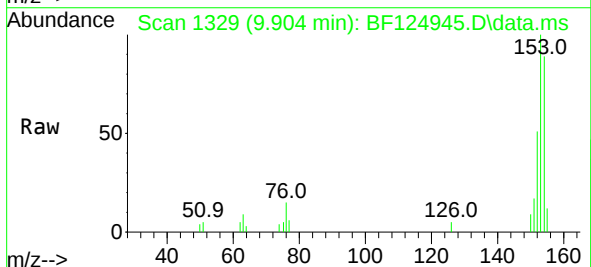
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

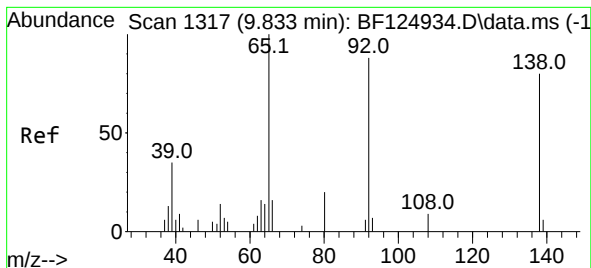
Tgt Ion:165 Resp: 1761
Ion Ratio Lower Upper
165 100
63 62.6 42.6 63.8
89 63.6 40.6 60.8#



#52
Acenaphthene
Concen: 8.285 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:154 Resp: 6640
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.2
152 56.8 40.5 60.7

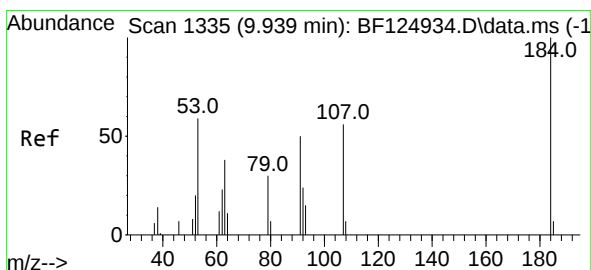
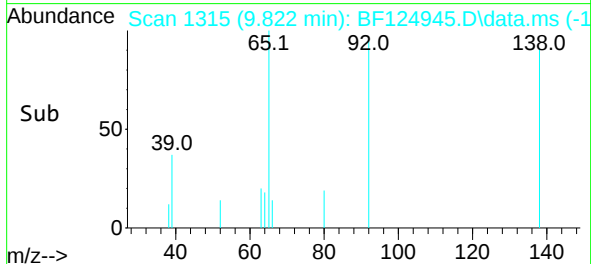
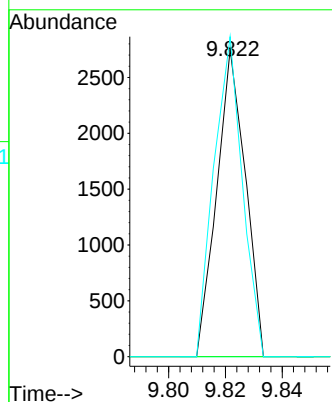
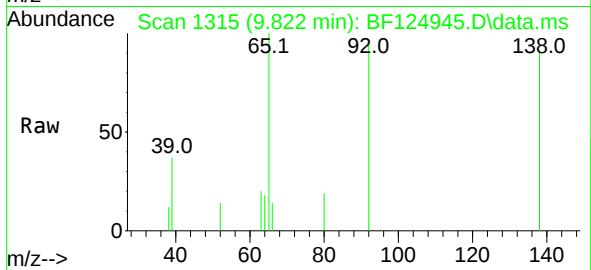




#53
3-Nitroaniline
Concen: 8.251 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

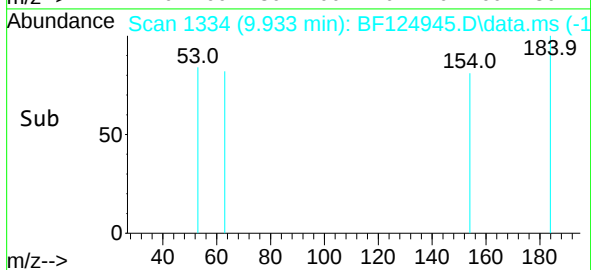
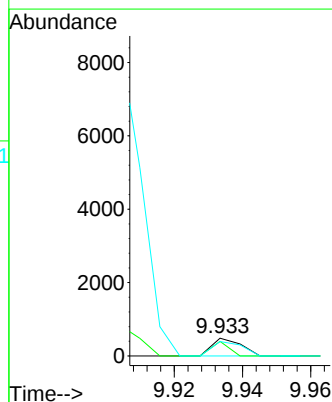
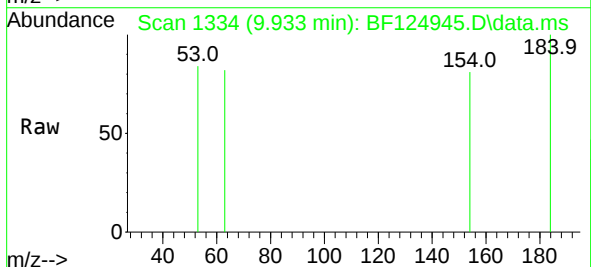
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

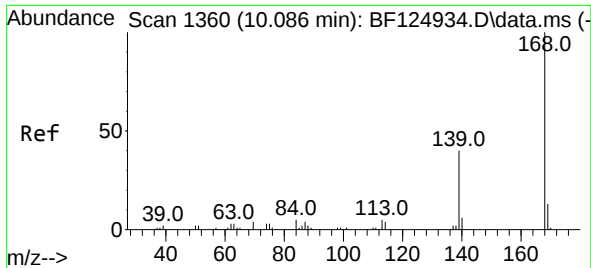
Tgt Ion:138 Resp: 1925
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 104.0 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 7.808 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:184 Resp: 287
Ion Ratio Lower Upper
184 100
63 81.6 59.3 88.9
154 81.2 68.6 102.8

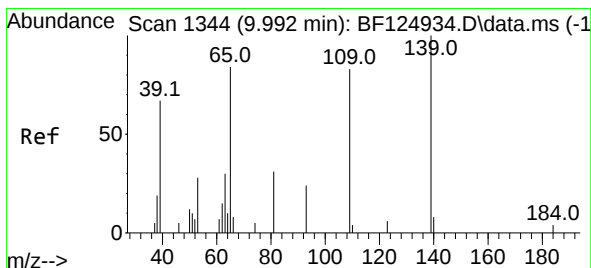
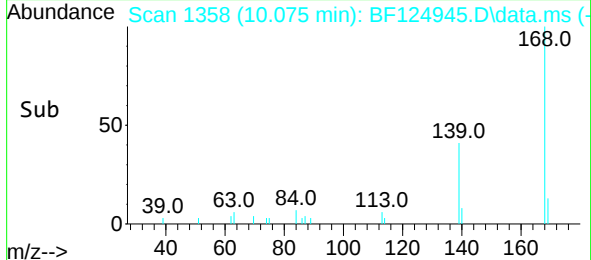
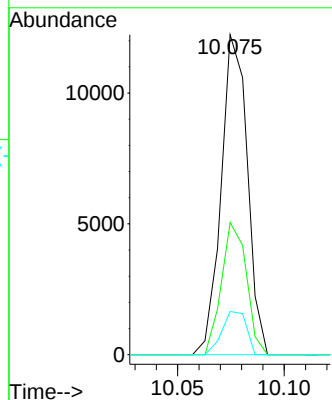
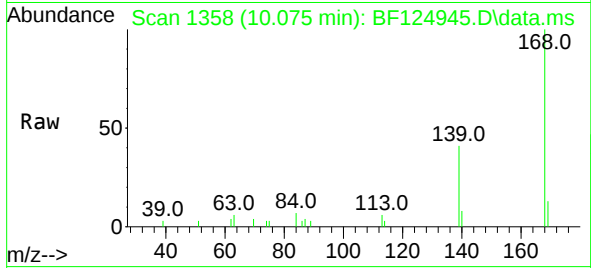




#55
Dibenzenofuran
Concen: 8.349 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

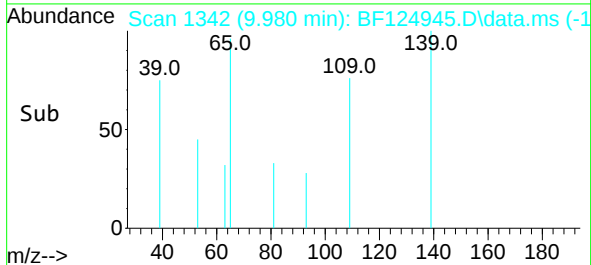
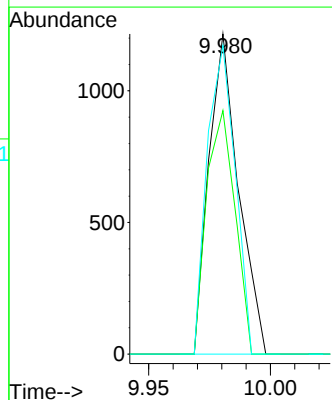
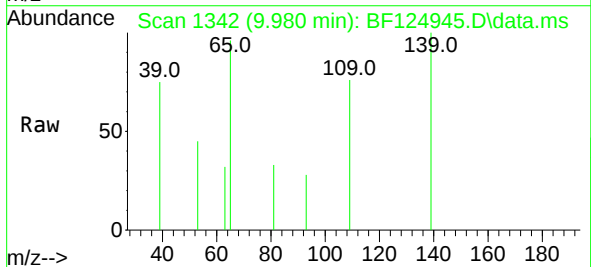
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

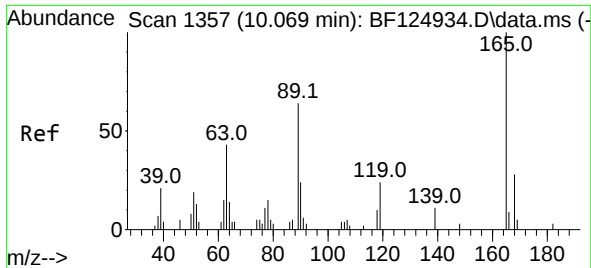
Tgt Ion:168 Resp: 10457
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 6.691 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:139 Resp: 1029
Ion Ratio Lower Upper
139 100
109 76.1 60.4 100.4
65 96.4 58.4 98.4

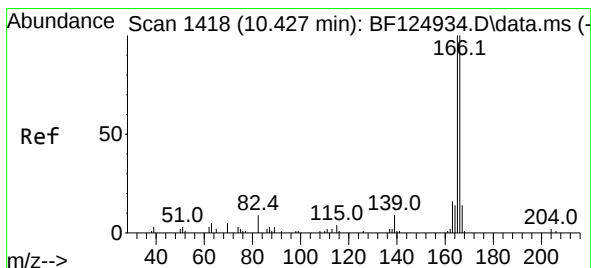
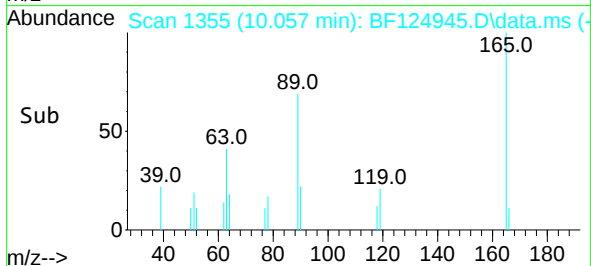
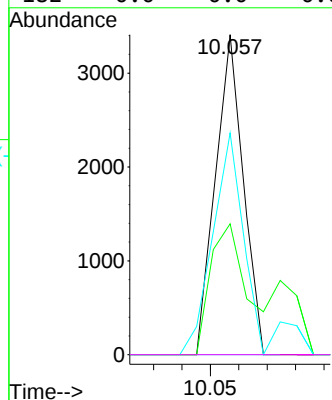
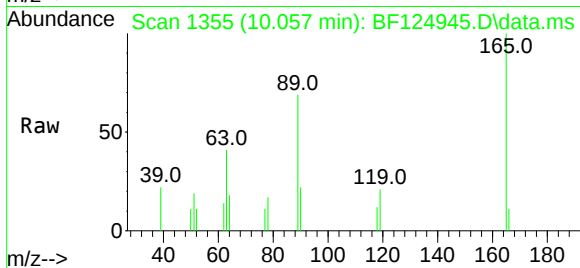




#57
2,4-Dinitrotoluene
Concen: 7.707 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

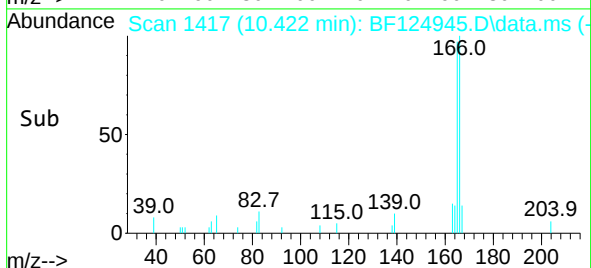
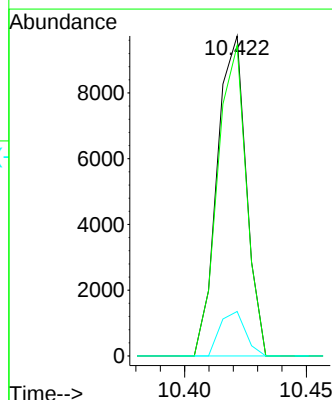
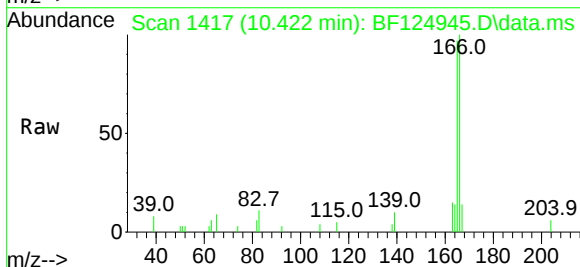
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

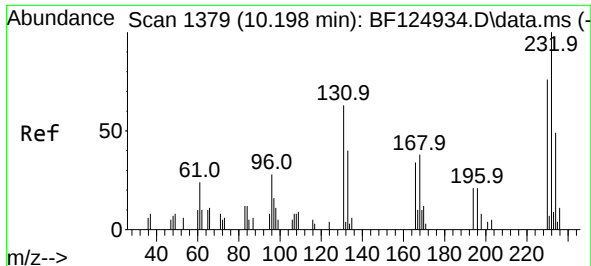
Tgt	Ion:165	Resp:	2318
Ion	Ratio	Lower	Upper
165	100		
63	40.9	40.9	61.3
89	69.3	59.7	89.5
182	0.0	0.0	0.0



#58
Fluorene
Concen: 8.394 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:166	Resp:	8062	
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.9	11.1	16.7

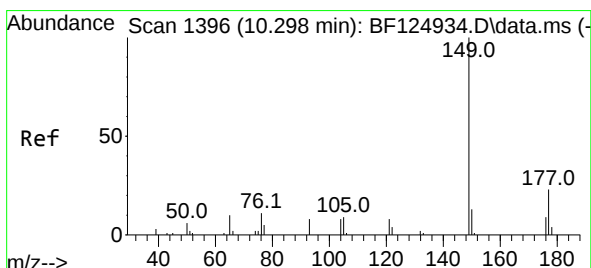
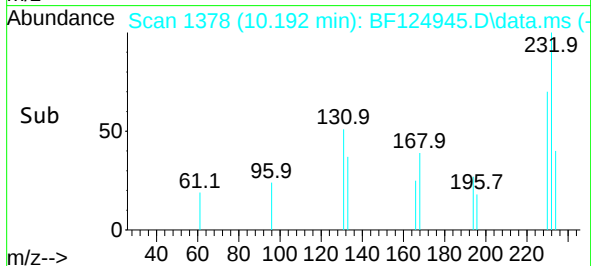
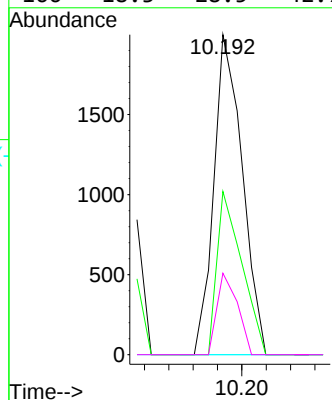
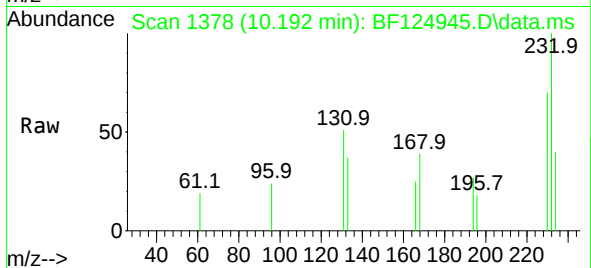




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.613 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

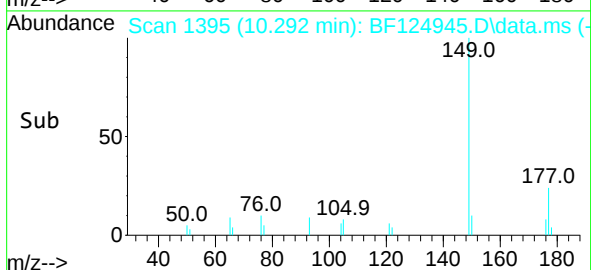
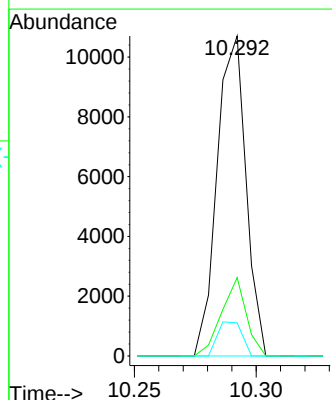
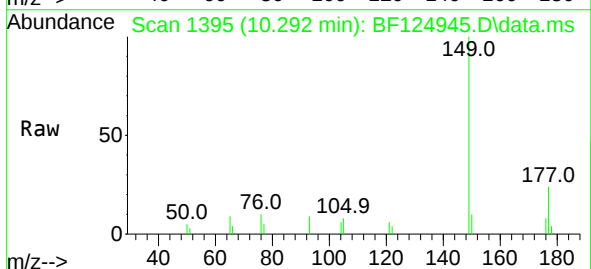
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

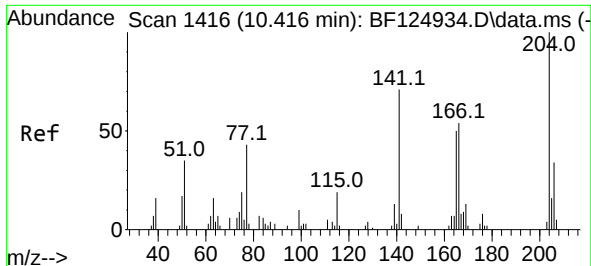
Tgt Ion:232 Resp: 1622
Ion Ratio Lower Upper
232 100
131 44.4 45.4 68.0#
130 0.0 0.0 0.0
166 18.3 28.5 42.7#



#60
Diethylphthalate
Concen: 8.640 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:149 Resp: 8820
Ion Ratio Lower Upper
149 100
177 24.5 16.5 24.7
150 10.4 10.1 15.1

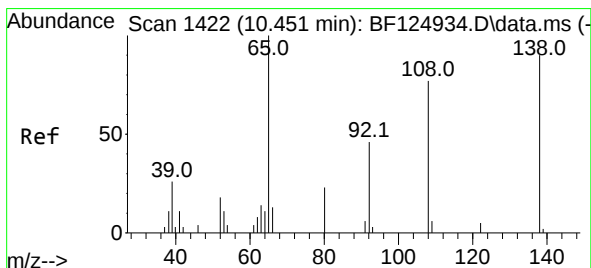
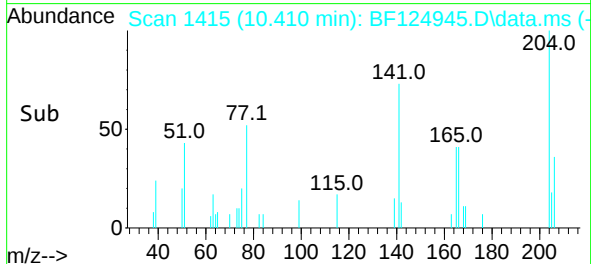
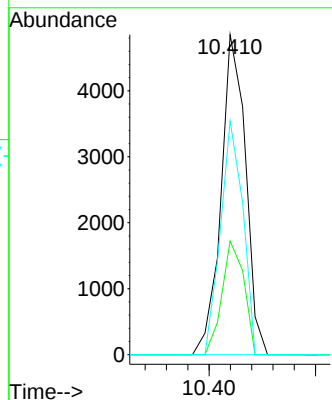
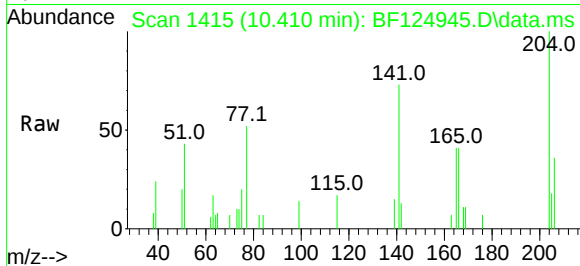




#61
4-Chlorophenyl-phenylether
Concen: 8.546 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

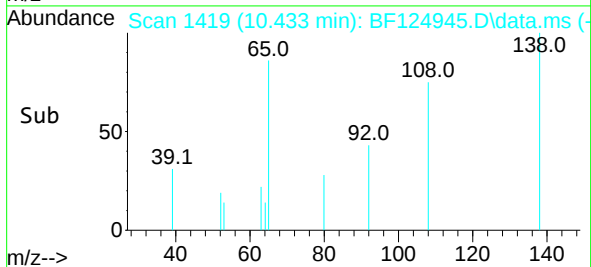
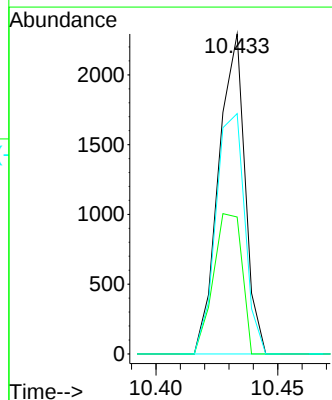
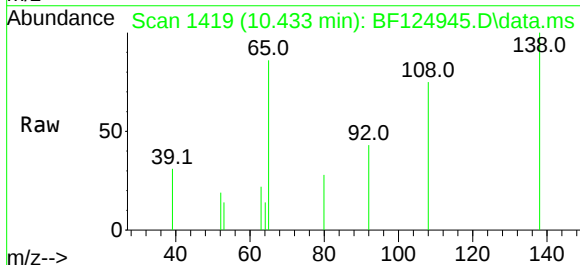
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

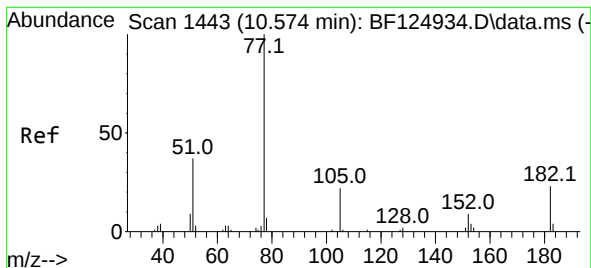
Tgt Ion:204 Resp: 3876
Ion Ratio Lower Upper
204 100
206 35.6 27.6 41.4
141 73.0 58.6 88.0



#62
4-Nitroaniline
Concen: 7.606 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:138 Resp: 1723
Ion Ratio Lower Upper
138 100
92 42.8 29.6 69.6
108 75.1 78.1 118.1#

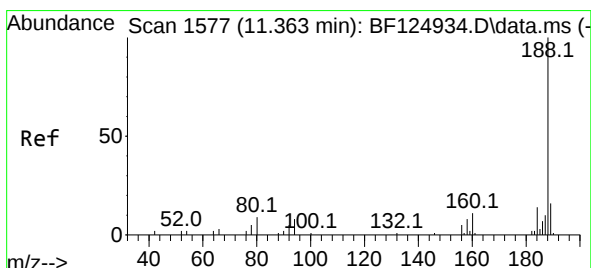
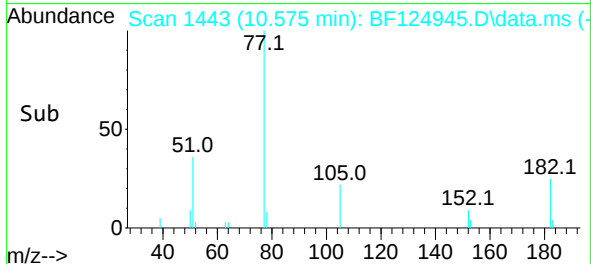
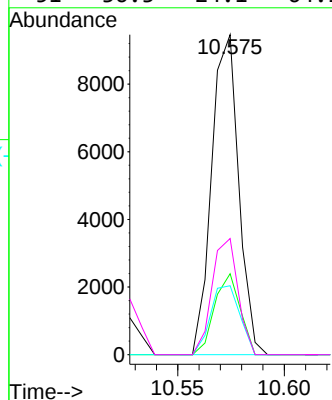
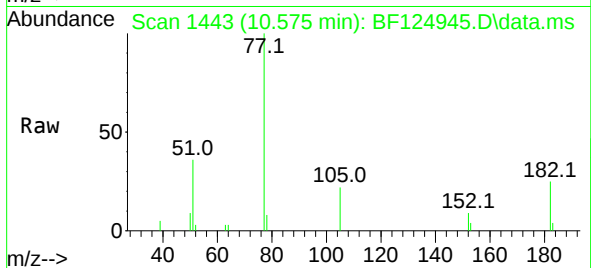




#63
Azobenzene
Concen: 8.354 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.001 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

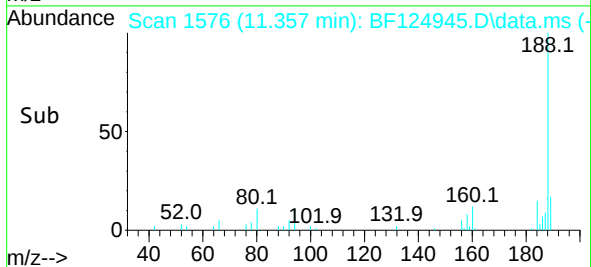
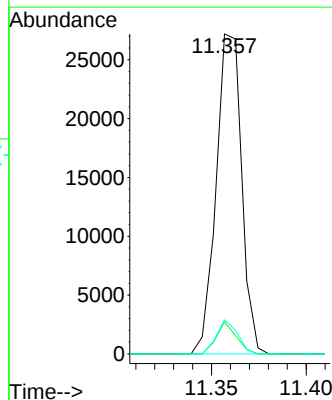
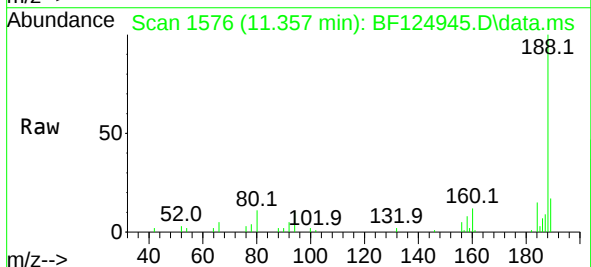
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

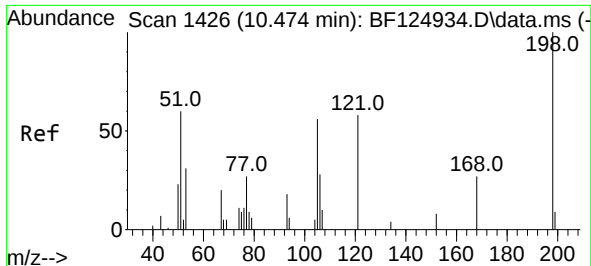
Tgt Ion: 77	Resp: 8340
Ion Ratio	Lower Upper
77 100	
182 25.3	6.3 46.3
105 21.5	2.9 42.9
51 36.3	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:188	Resp: 25493
Ion Ratio	Lower Upper
188 100	
94 10.0	6.7 10.1
80 10.6	7.5 11.3

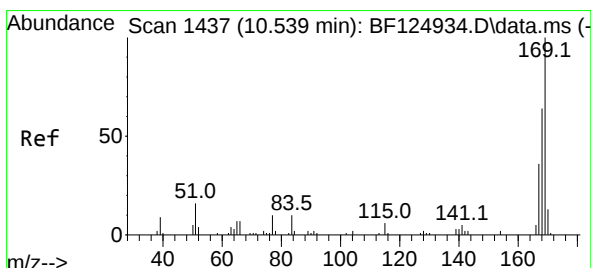
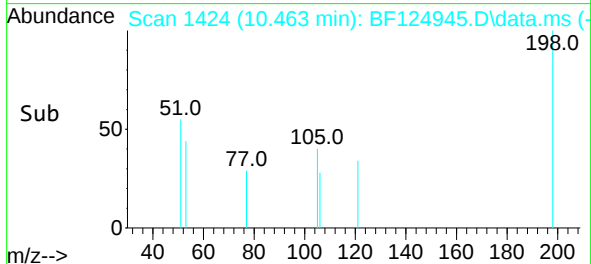
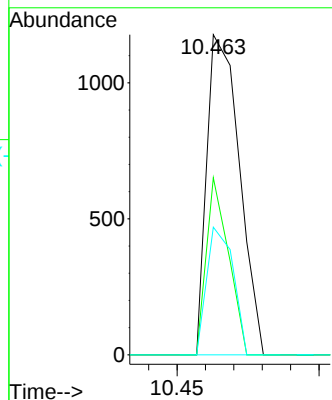
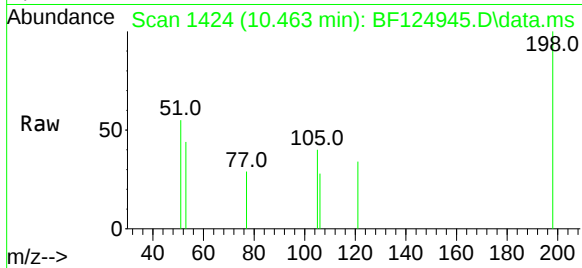




#65
4,6-Dinitro-2-methylphenol
Concen: 5.873 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.011 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

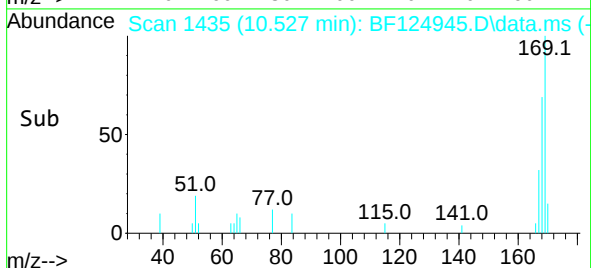
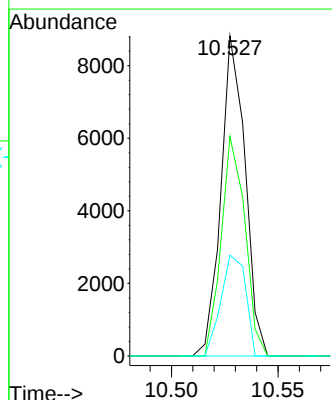
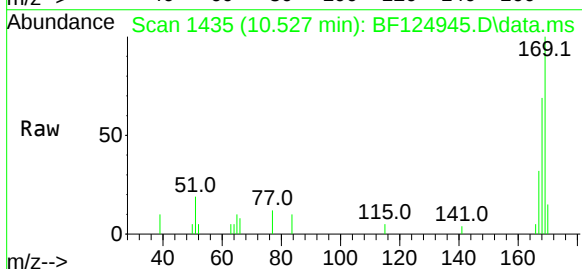
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

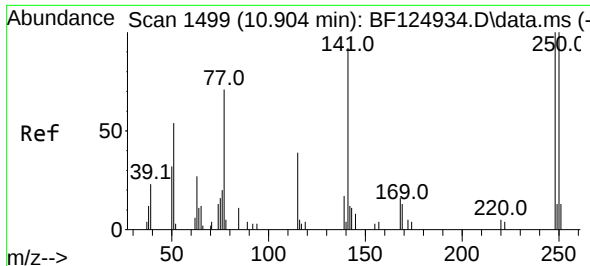
Tgt Ion:198 Resp: 938
Ion Ratio Lower Upper
198 100
51 55.3 45.3 85.3
105 39.8 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 8.416 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:169 Resp: 6954
Ion Ratio Lower Upper
169 100
168 68.6 50.8 76.2
167 31.5 28.8 43.2

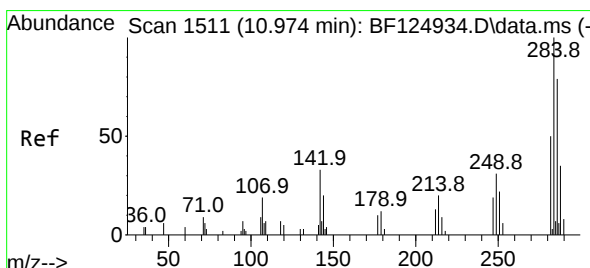
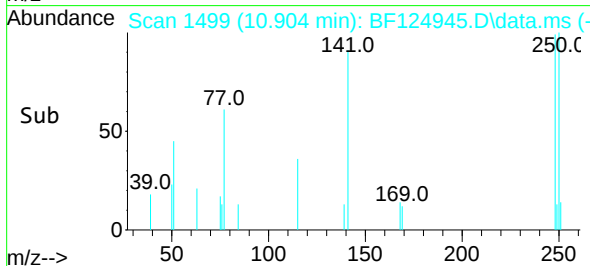
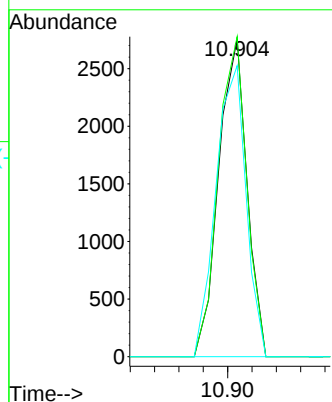
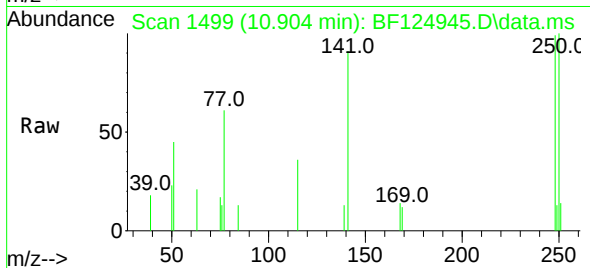




#67
4-Bromophenyl-phenylether
Concen: 7.958 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

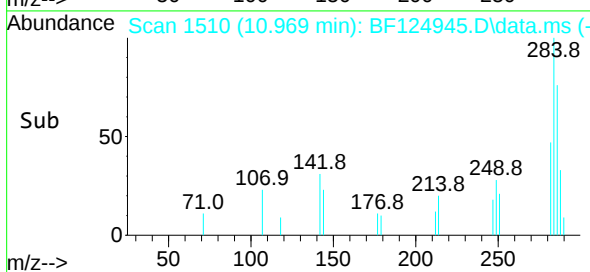
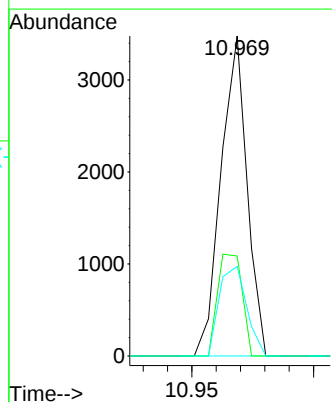
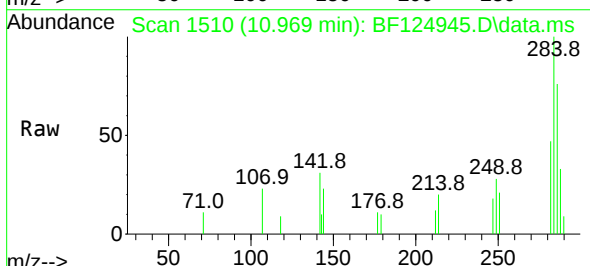
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

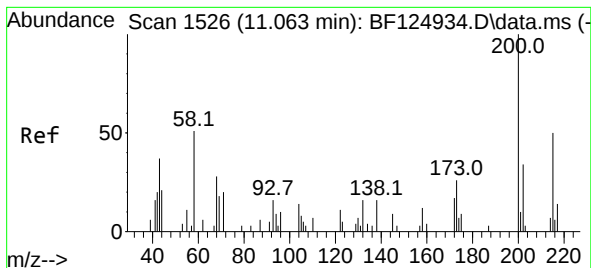
Tgt Ion:248 Resp: 2222
Ion Ratio Lower Upper
248 100
250 100.7 74.2 111.4
141 91.6 60.4 90.6#



#68
Hexachlorobenzene
Concen: 8.510 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:284 Resp: 2585
Ion Ratio Lower Upper
284 100
142 31.3 36.4 54.6#
249 28.0 25.6 38.4





#69

Atrazine

Concen: 8.841 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.012 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:200 Resp: 2195

Ion Ratio Lower Upper

200 100

173 24.9 11.1 51.1

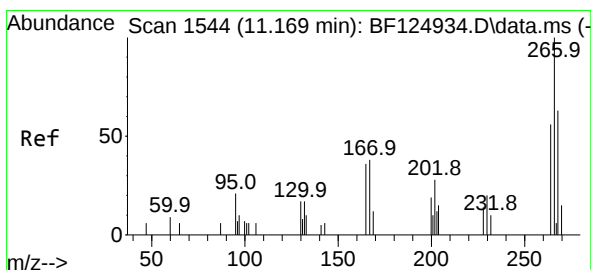
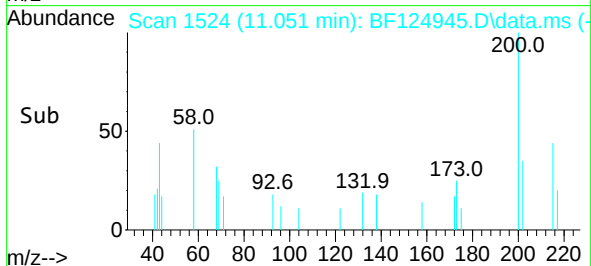
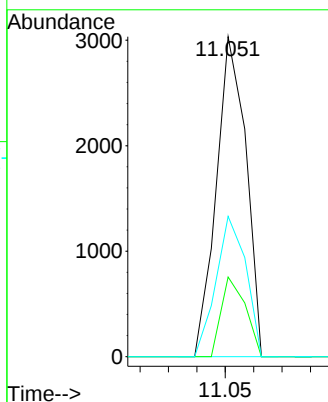
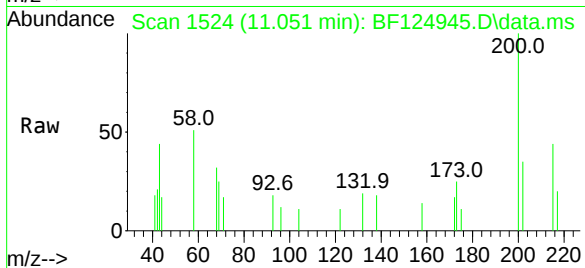
215 43.8 22.7 62.7

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#70

Pentachlorophenol

Concen: 6.185 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

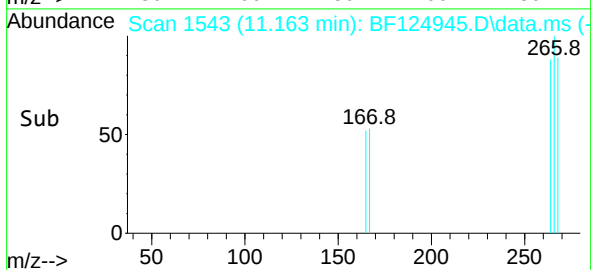
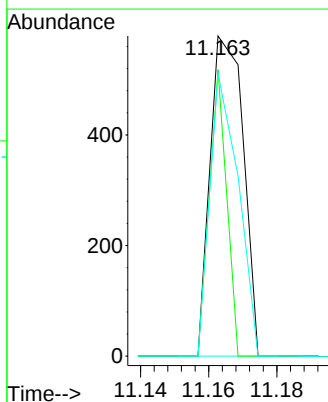
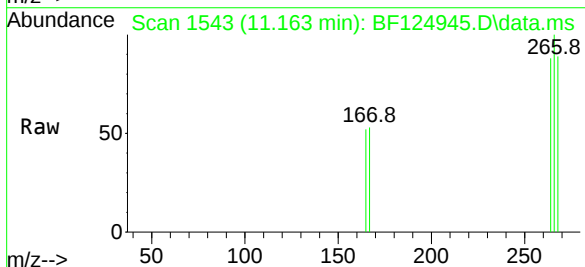
Tgt Ion:266 Resp: 390

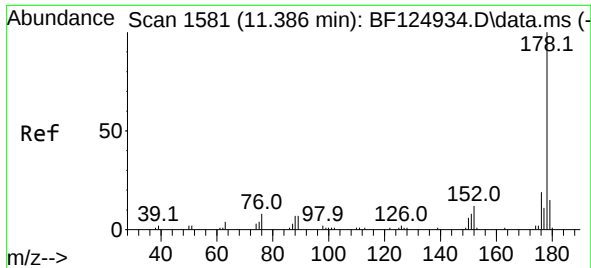
Ion Ratio Lower Upper

266 100

268 89.5 48.9 73.3#

264 88.3 55.9 83.9#

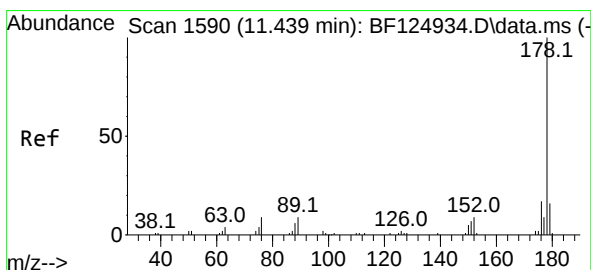
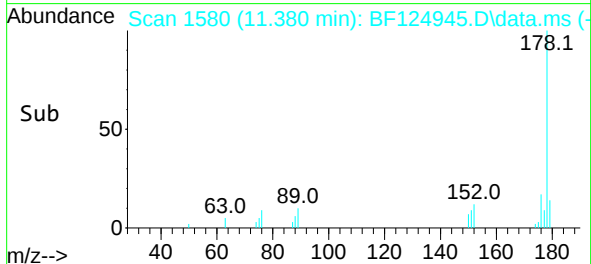
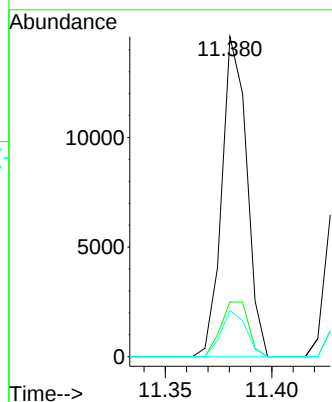
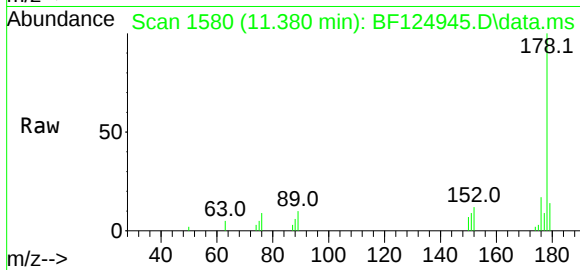




#71
Phenanthrene
Concen: 8.569 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

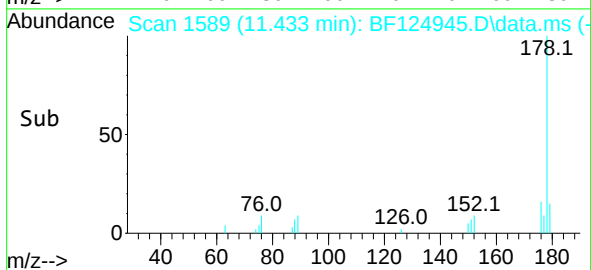
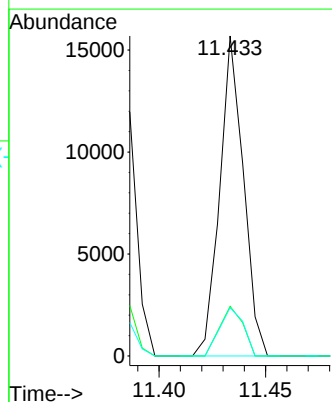
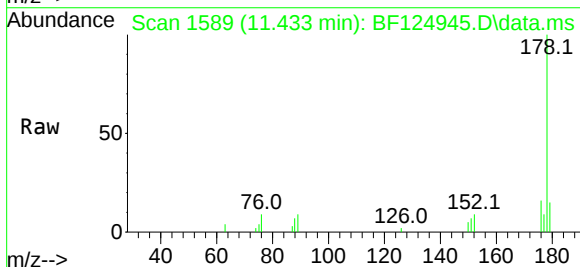
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

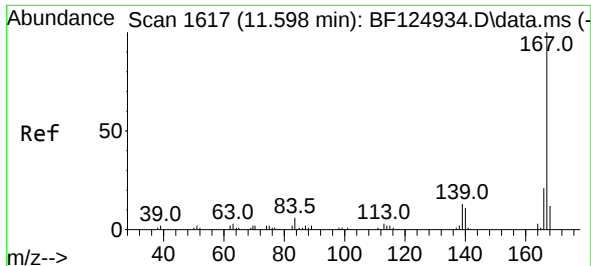
Tgt Ion:178 Resp: 11850
Ion Ratio Lower Upper
178 100
176 17.1 14.7 22.1
179 14.3 11.5 17.3



#72
Anthracene
Concen: 8.748 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:178 Resp: 12136
Ion Ratio Lower Upper
178 100
176 15.5 14.3 21.5
179 15.1 12.2 18.4

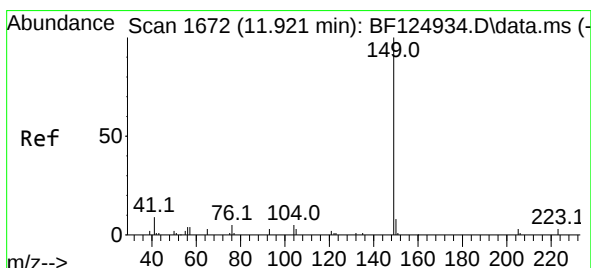
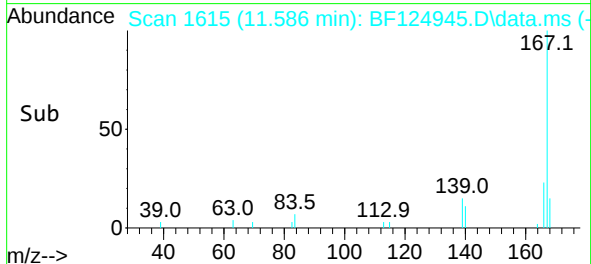
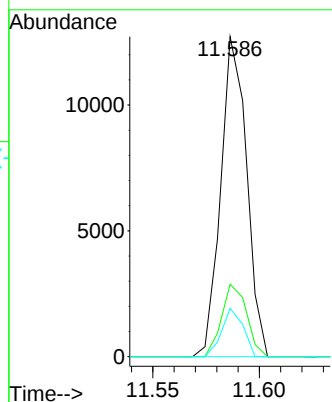
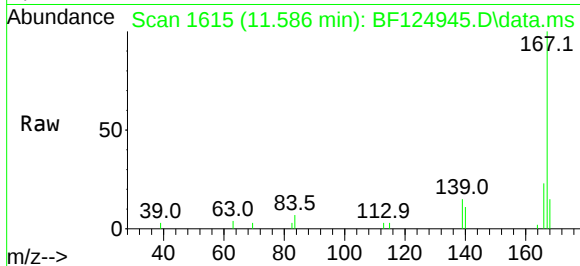




#73
Carbazole
Concen: 8.450 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

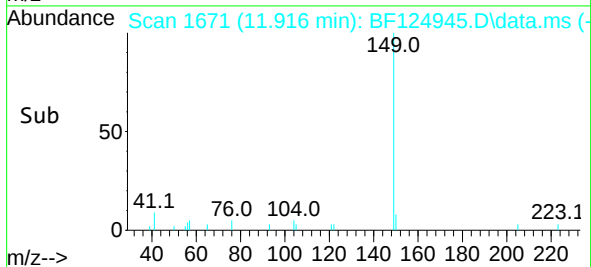
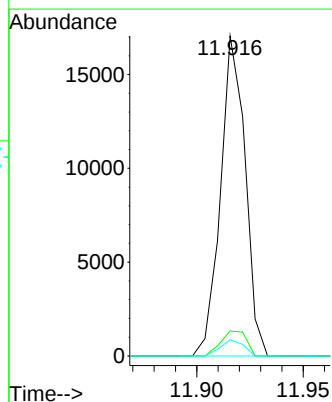
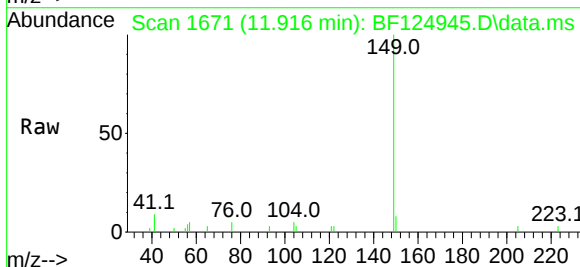
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

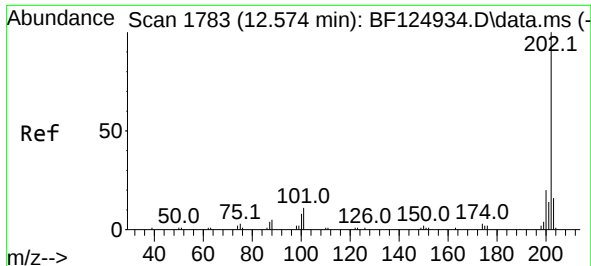
Tgt Ion:167 Resp: 10750
Ion Ratio Lower Upper
167 100
166 22.7 17.4 26.0
139 15.1 11.0 16.4



#74
Di-n-butylphthalate
Concen: 8.486 ng
RT: 11.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:149 Resp: 13721
Ion Ratio Lower Upper
149 100
150 7.8 7.4 11.2
104 5.1 4.1 6.1

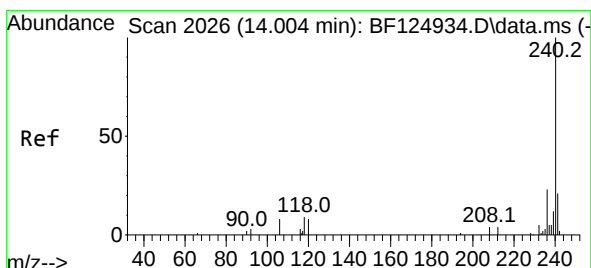
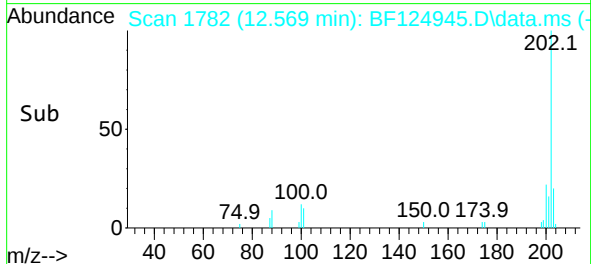
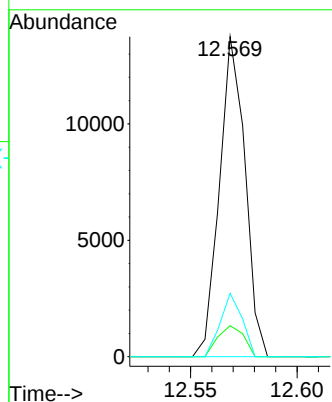
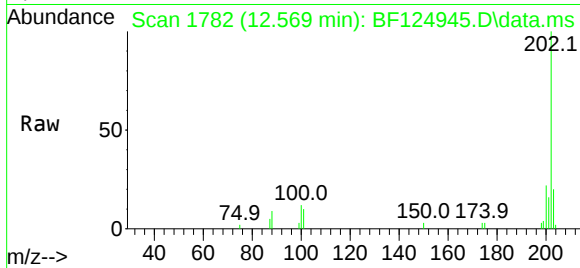




#75
Fluoranthene
Concen: 8.016 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

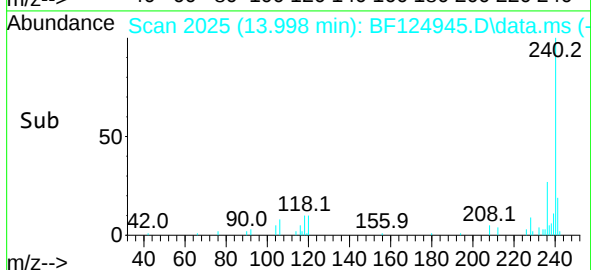
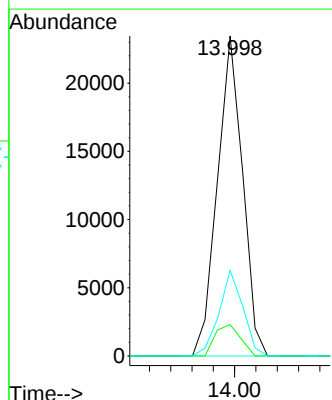
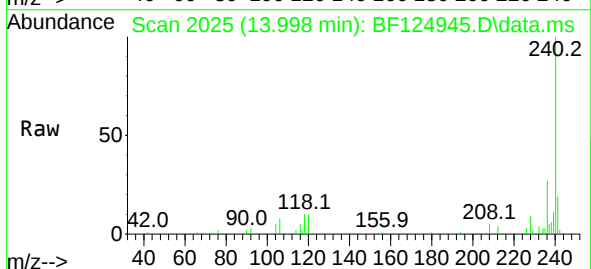
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

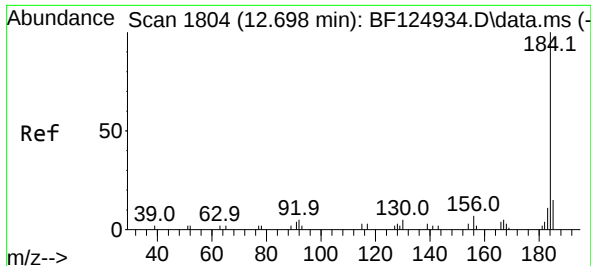
Tgt Ion:202 Resp: 11468
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 19.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:240 Resp: 19276
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.7 21.6 32.4

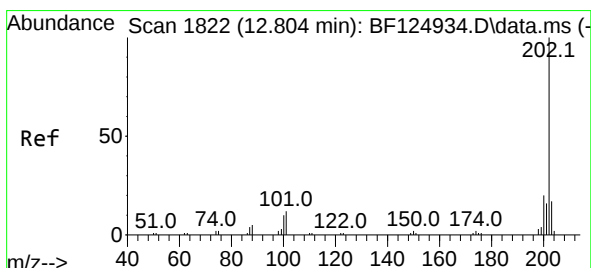
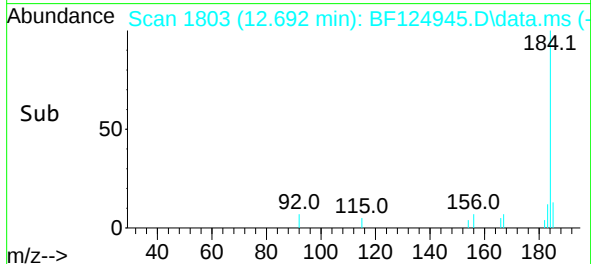
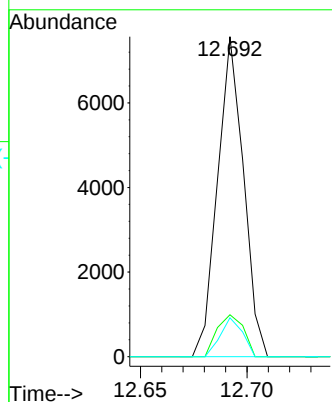
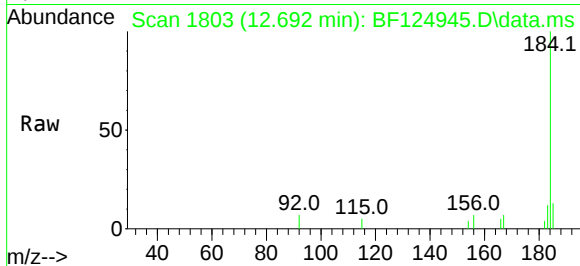




#77
Benzidine
Concen: 12.422 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

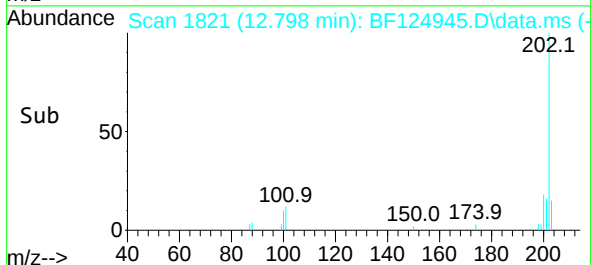
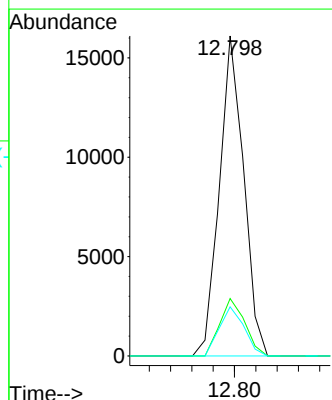
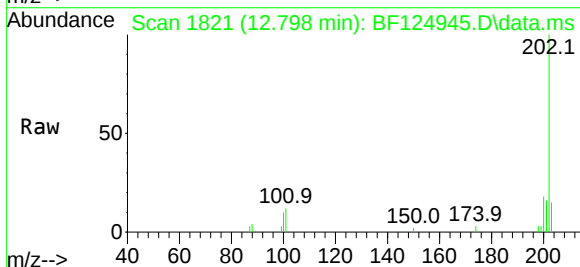
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

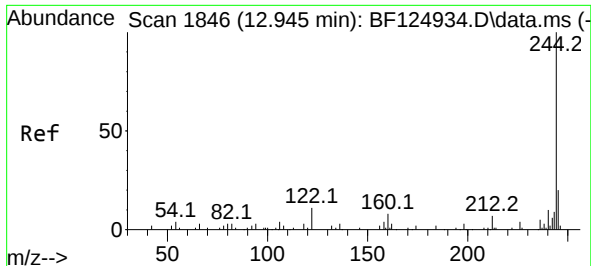
Tgt Ion:184 Resp: 6407
Ion Ratio Lower Upper
184 100
185 13.1 10.8 16.2
183 12.2 8.1 12.1#



#78
Pyrene
Concen: 8.392 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:202 Resp: 12741
Ion Ratio Lower Upper
202 100
200 18.0 15.3 22.9
203 15.3 13.4 20.0

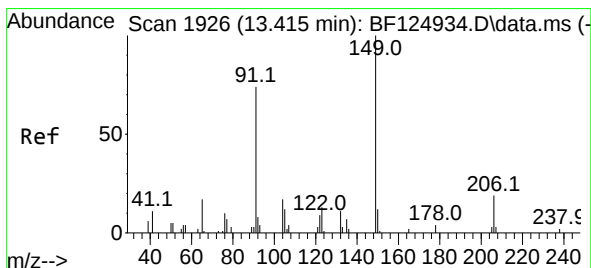
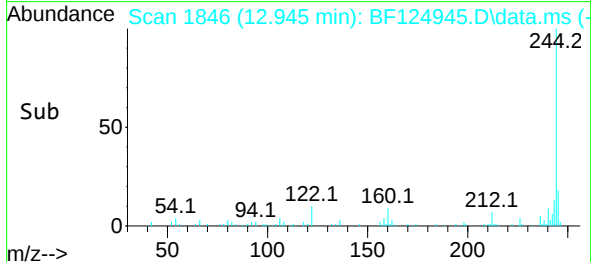
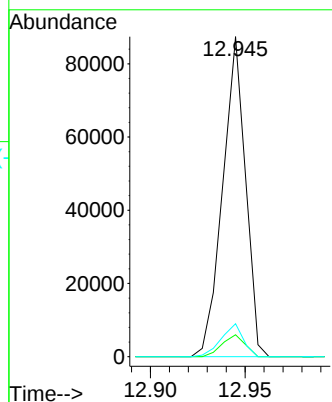
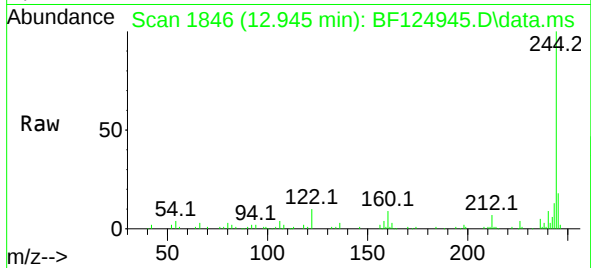




#79
 Terphenyl-d14
 Concen: 64.107 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09

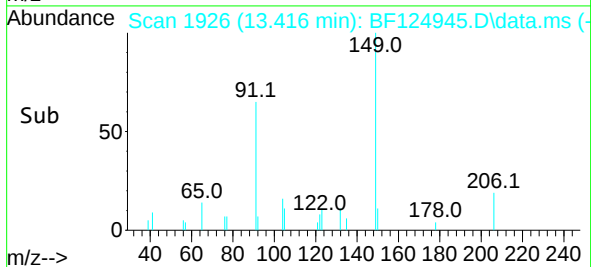
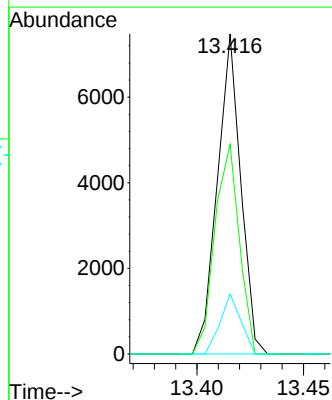
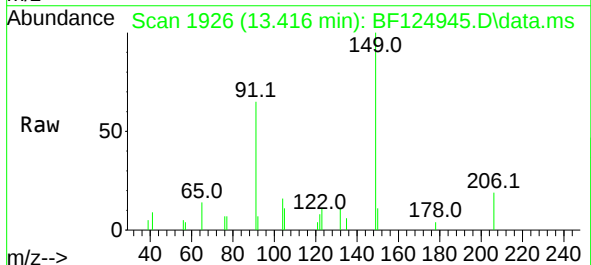
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

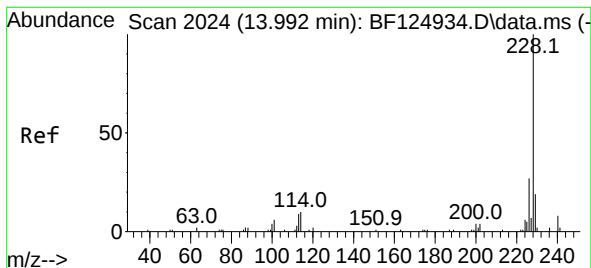
Tgt Ion:244 Resp: 73258
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 8.449 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF124945.D
 Acq: 5 Aug 2021 11:09

Tgt Ion:149 Resp: 5709
 Ion Ratio Lower Upper
 149 100
 91 65.5 51.8 77.8
 206 18.8 14.5 21.7





#81

Benzo(a)anthracene

Concen: 7.977 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:228 Resp: 10021

Ion Ratio Lower Upper

228 100

226 28.1 21.6 32.4

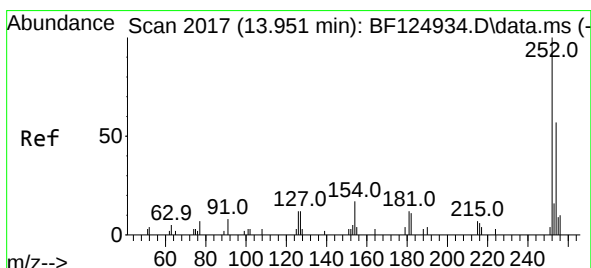
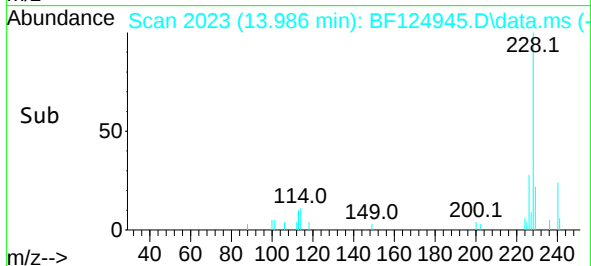
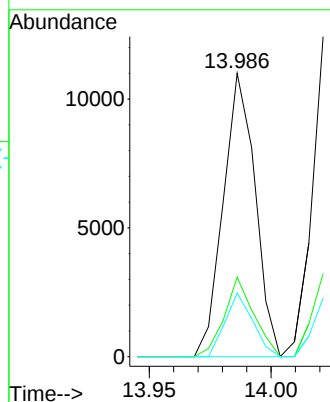
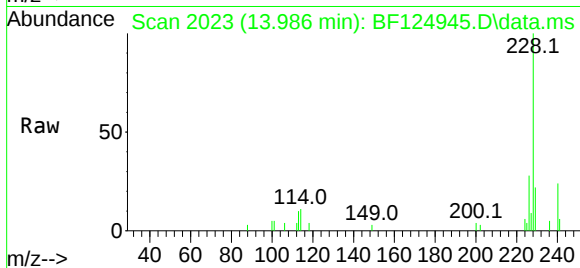
229 22.5 15.6 23.4

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#82

3,3'-Dichlorobenzidine

Concen: 10.750 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

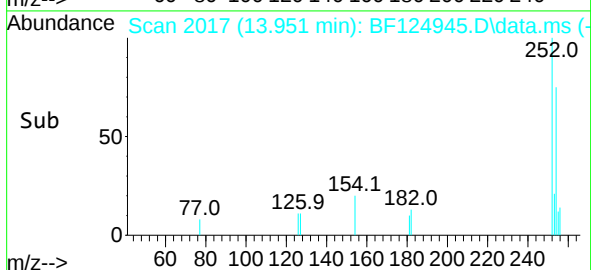
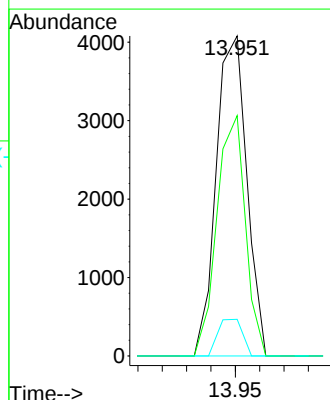
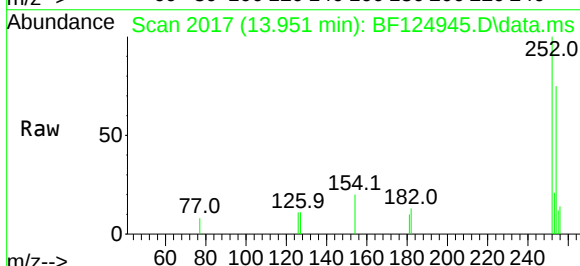
Tgt Ion:252 Resp: 3560

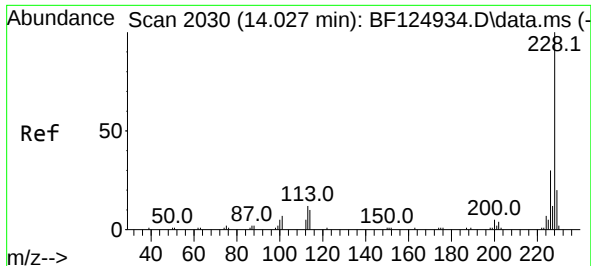
Ion Ratio Lower Upper

252 100

254 75.1 51.4 77.0

126 11.5 9.5 14.3

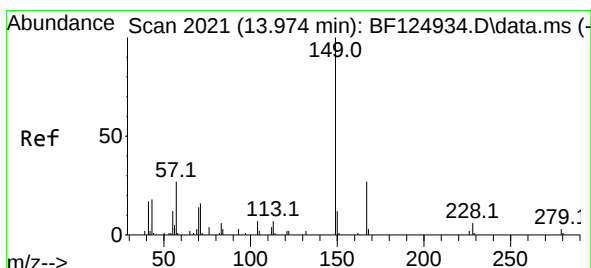
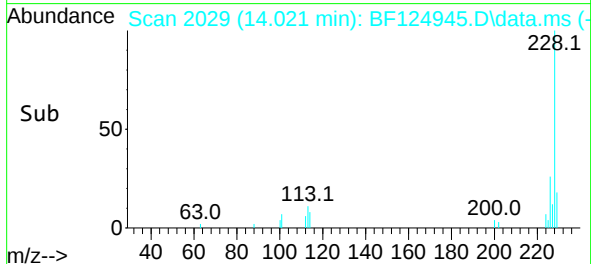
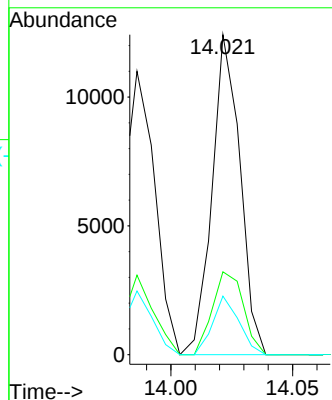
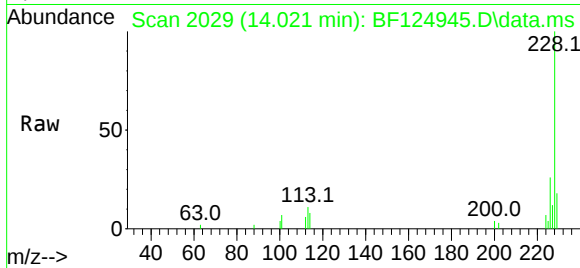




#83
Chrysene
Concen: 8.152 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

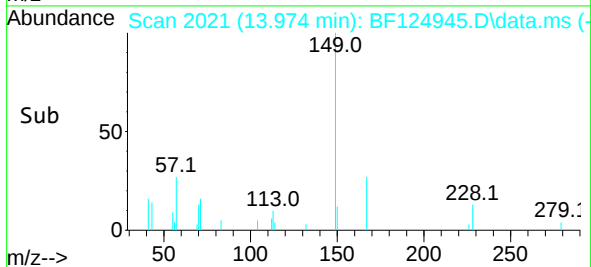
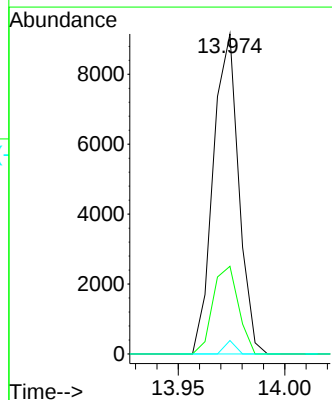
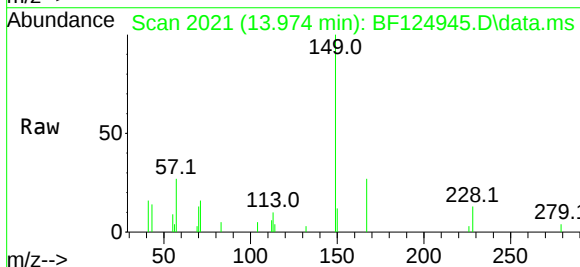
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

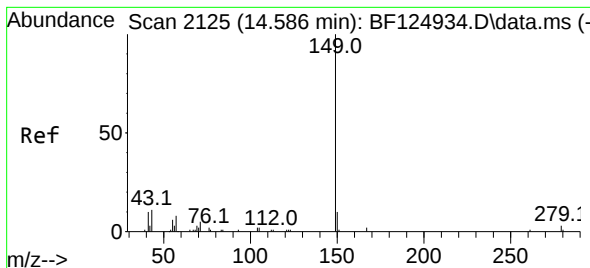
Tgt Ion:228 Resp: 9899
Ion Ratio Lower Upper
228 100
226 25.9 22.6 34.0
229 18.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.129 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:149 Resp: 7619
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.2 2.6 4.0#

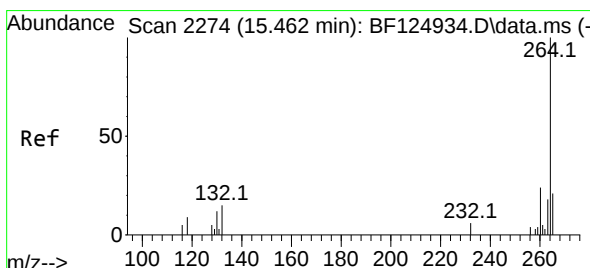
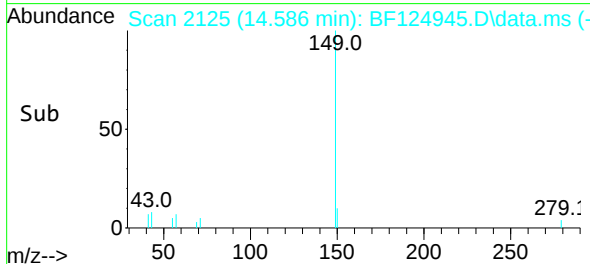
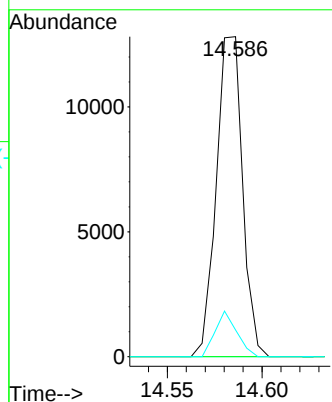
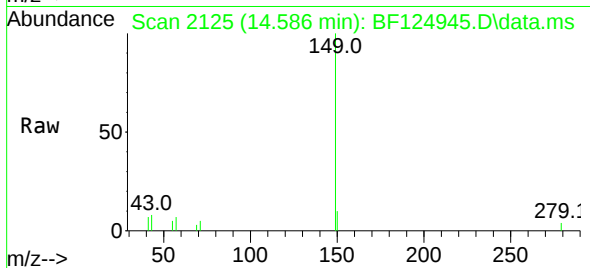




#85
Di-n-octyl phthalate
Concen: 8.346 ng
RT: 14.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

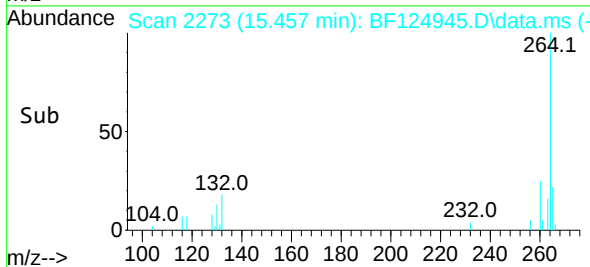
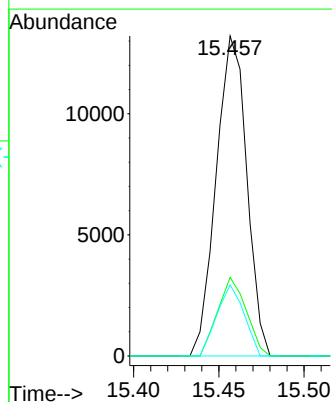
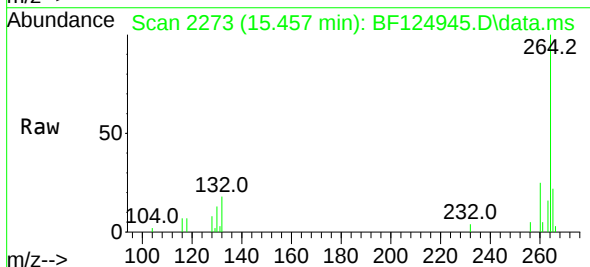
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

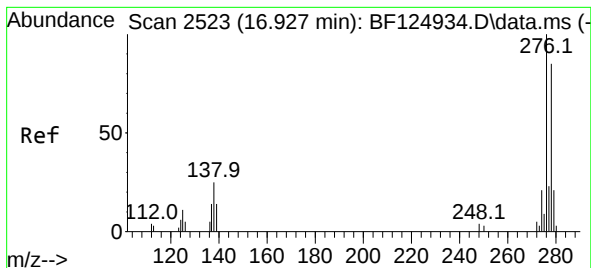
Tgt Ion:149 Resp: 12341
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.7 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:264 Resp: 16471
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.364 ng

RT: 16.915 min Scan# 2521

Delta R.T. -0.012 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

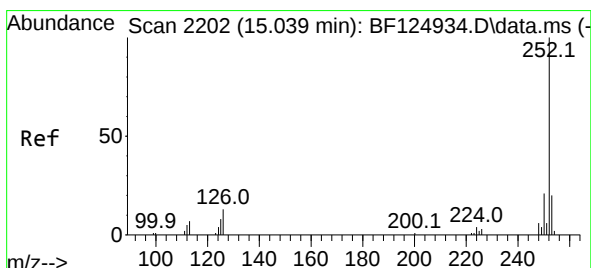
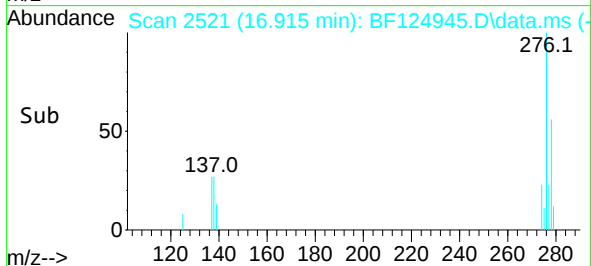
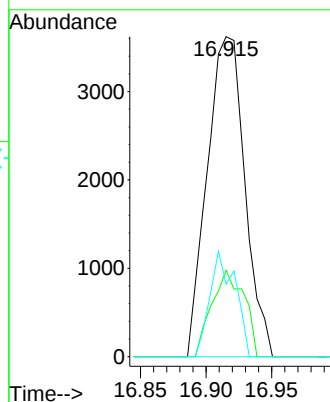
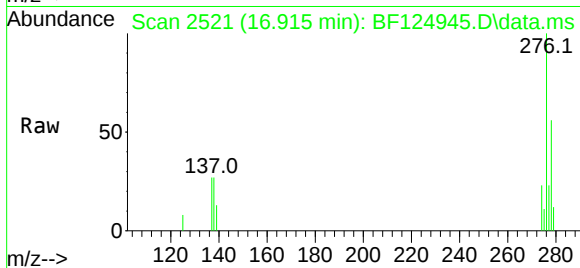
Tgt Ion:276 Resp: 7223

Ion Ratio Lower Upper

276 100

138 23.1 24.1 36.1#

277 22.2 18.8 28.2



#88

Benzo(b)fluoranthene

Concen: 7.942 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

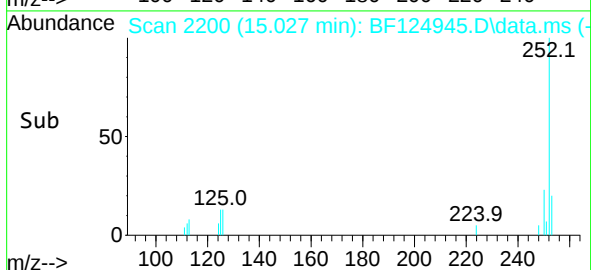
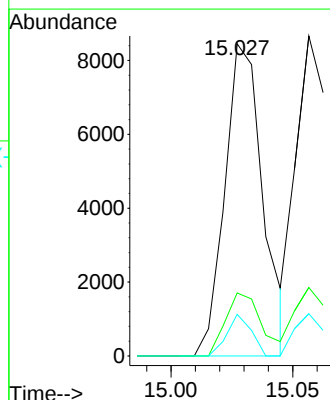
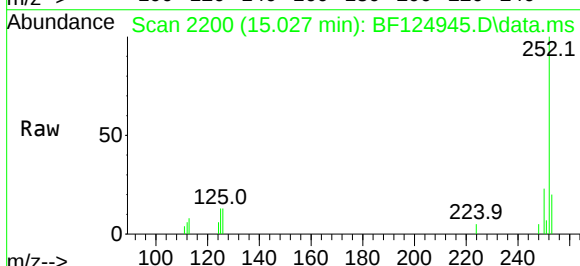
Tgt Ion:252 Resp: 9185

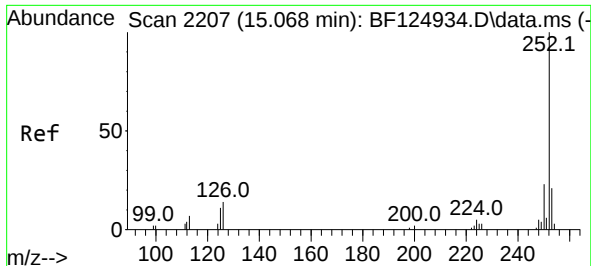
Ion Ratio Lower Upper

252 100

253 20.2 16.8 25.2

125 13.3 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 8.054 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

Tgt Ion:252 Resp: 8473

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

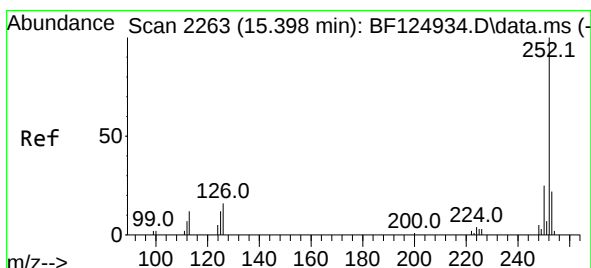
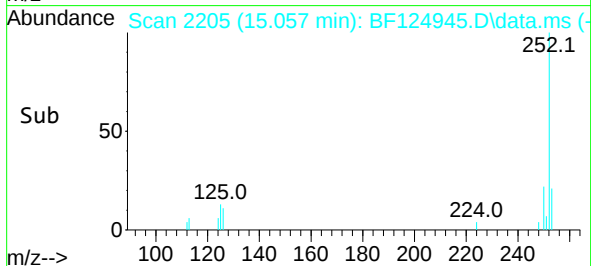
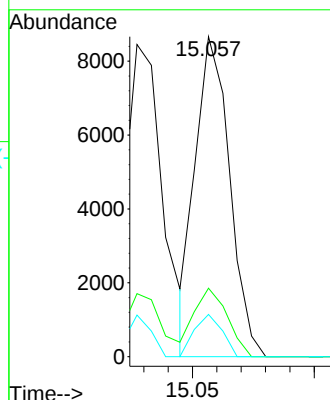
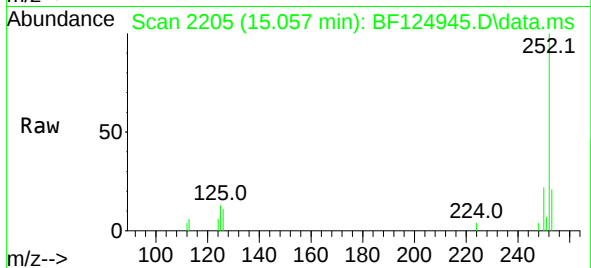
125 13.2 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#90

Benzo(a)pyrene

Concen: 8.529 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF124945.D

Acq: 5 Aug 2021 11:09

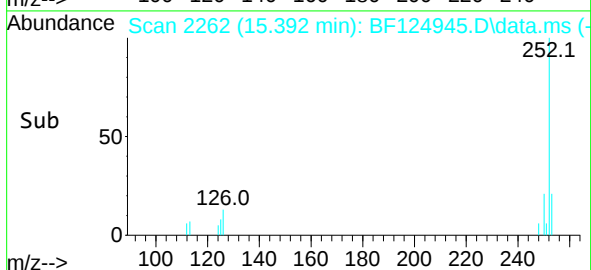
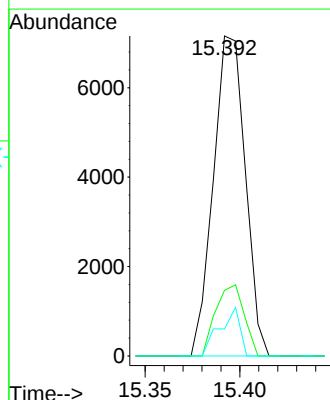
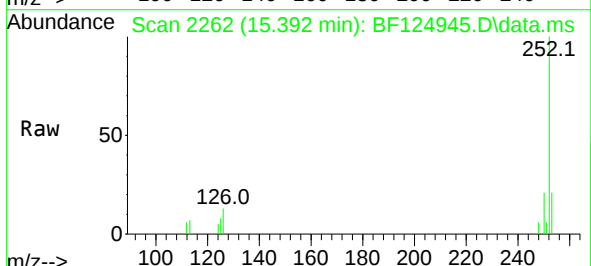
Tgt Ion:252 Resp: 8400

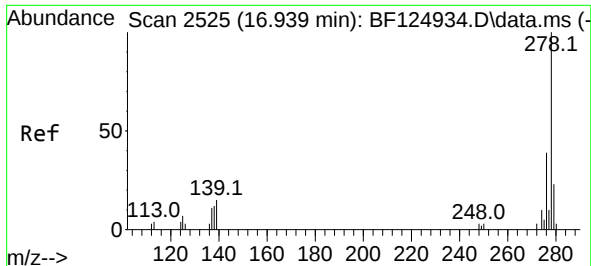
Ion Ratio Lower Upper

252 100

253 20.5 18.4 27.6

125 8.5 9.9 14.9#

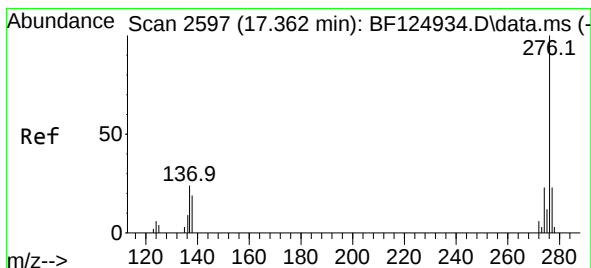
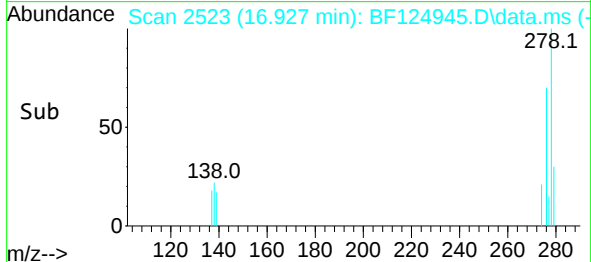
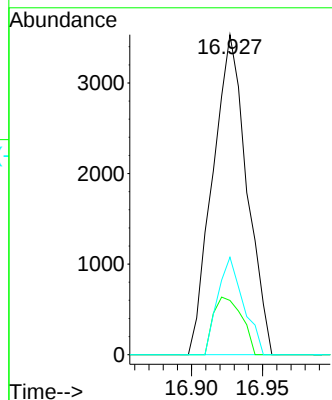
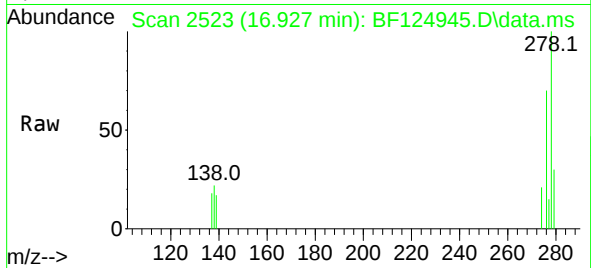




#91
Dibenzo(a,h)anthracene
Concen: 6.847 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:278 Resp: 5905
Ion Ratio Lower Upper
278 100
139 17.0 14.9 22.3
279 30.5 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 7.406 ng
RT: 17.356 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BF124945.D
Acq: 5 Aug 2021 11:09

Tgt Ion:276 Resp: 6127
Ion Ratio Lower Upper
276 100
277 17.8 22.0 33.0#
138 23.7 22.2 33.4

