

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
 Data File : BF124958.D
 Acq On : 6 Aug 2021 11:27
 Operator : JU/CG
 Sample : M2262-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Quant Time: Aug 06 11:57:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:54:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6938	20.000	ng	# 0.00
21) Naphthalene-d8	8.110	136	26069	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	15133	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	26286	20.000	ng	0.00
76) Chrysene-d12	13.992	240	21516	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	17321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	45402	107.198	ng	0.00
7) Phenol-d6	6.457	99	55524	103.968	ng	0.00
23) Nitrobenzene-d5	7.392	82	33007	66.235	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	13544	100.179	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	68544	66.276	ng	0.00
79) Terphenyl-d14	12.939	244	75328	59.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	1109	6.999	ng	# 100
3) Pyridine	3.387	79	1988	5.399	ng	# 86
4) n-Nitrosodimethylamine	3.275	42	1873	7.164	ng	88
6) Aniline	6.492	93	5412	9.594	ng	# 87
8) 2-Chlorophenol	6.610	128	3861	8.311	ng	97
9) Benzaldehyde	6.381	77	2908	10.009	ng	92
10) Phenol	6.469	94	4195	7.613	ng	89
11) bis(2-Chloroethyl)ether	6.563	93	3573	8.643	ng	96
12) 1,3-Dichlorobenzene	6.769	146	4187	8.280	ng	94
13) 1,4-Dichlorobenzene	6.769	146	4187	8.283	ng	96
14) 1,2-Dichlorobenzene	6.998	146	4343	9.168	ng	93
15) Benzyl Alcohol	6.969	79	3046	7.907	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	5572	8.413	ng	95
17) 2-Methylphenol	7.075	107	2633	7.571	ng	# 94
18) Hexachloroethane	7.339	117	1672	8.448	ng	# 80
19) n-Nitroso-di-n-propyla...	7.234	70	2705	8.536	ng	# 86
20) 3+4-Methylphenols	7.228	107	3958	8.574	ng	# 82
22) Acetophenone	7.234	105	5855	9.171	ng	# 88
24) Nitrobenzene	7.410	77	3750	7.777	ng	# 92
25) Isophorone	7.645	82	6651	7.820	ng	95
26) 2-Nitrophenol	7.728	139	1994	8.143	ng	96
27) 2,4-Dimethylphenol	7.757	122	3190	9.190	ng	# 84
28) bis(2-Chloroethoxy)met...	7.857	93	4300	8.883	ng	# 96
29) 2,4-Dichlorophenol	7.963	162	2993	7.739	ng	96
30) 1,2,4-Trichlorobenzene	8.051	180	3721	8.586	ng	98
31) Naphthalene	8.133	128	11611	8.669	ng	99
32) Benzoic acid	7.757	122	3190	17.780	ng	# 17
33) 4-Chloroaniline	8.181	127	4557	9.130	ng	96
34) Hexachlorobutadiene	8.245	225	2231	8.620	ng	88
35) Caprolactam	8.516	113	734	7.147	ng	# 90
36) 4-Chloro-3-methylphenol	8.657	107	3292	8.138	ng	92
37) 2-Methylnaphthalene	8.822	142	7769	8.627	ng	99
38) 1-Methylnaphthalene	8.922	142	7202	8.547	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	3443	7.926	ng	94
41) Hexachlorocyclopentadiene	8.975	237	881	8.351	ng	94
43) 2,4,6-Trichlorophenol	9.098	196	2315	8.006	ng	# 91

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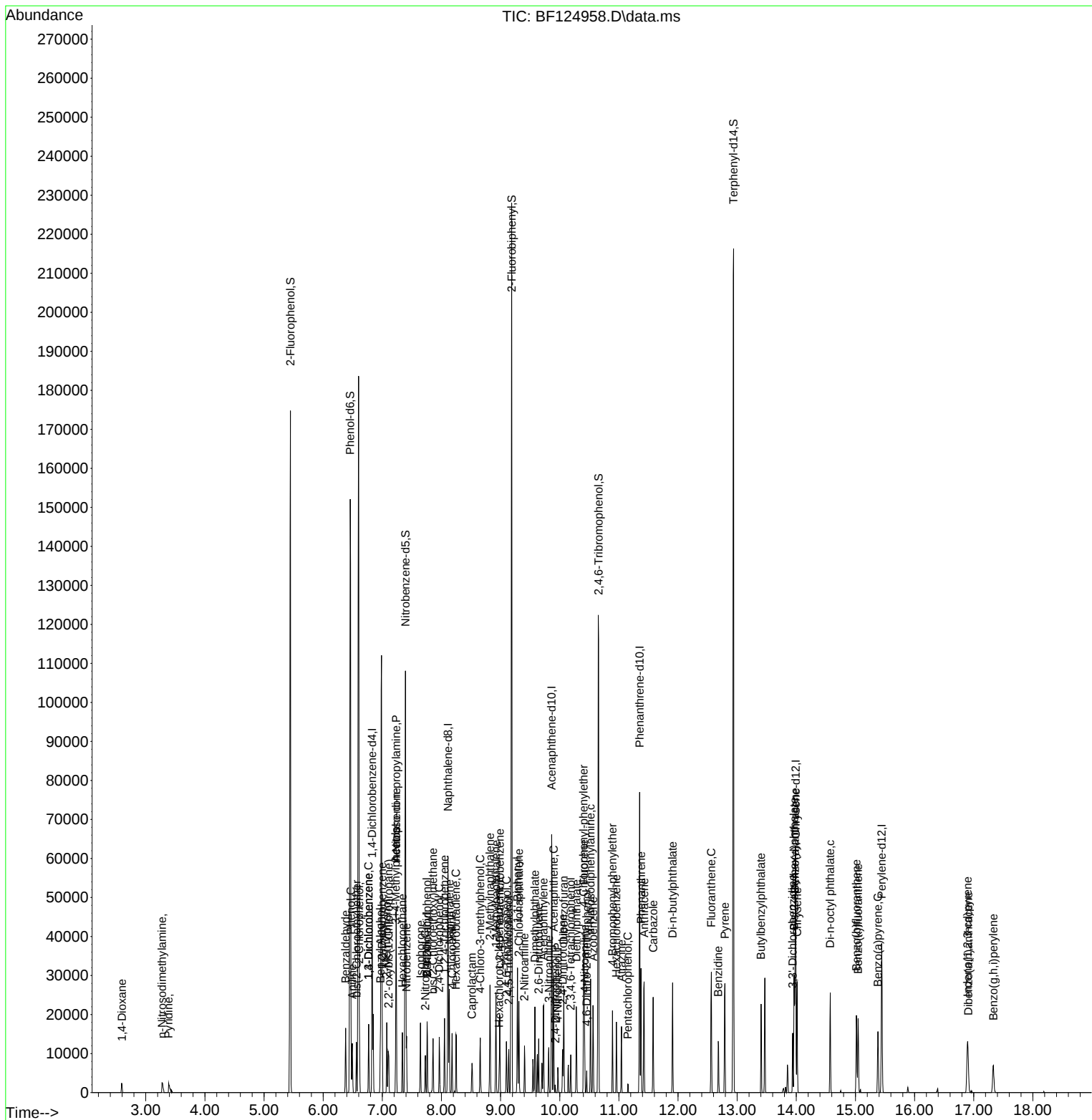
Quant Time: Aug 06 11:57:03 2021
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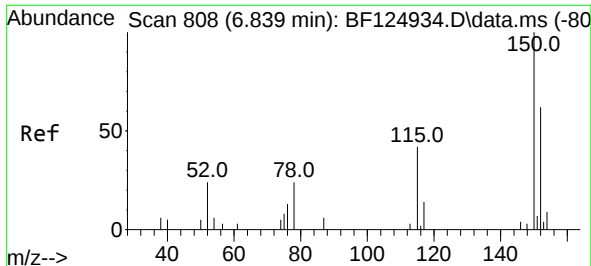
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	2249	7.683	ng	# 90
46) 1,1'-Biphenyl	9.286	154	9945	8.819	ng	99
47) 2-Chloronaphthalene	9.310	162	7557	8.423	ng	96
48) 2-Nitroaniline	9.404	65	1930	7.323	ng	# 93
49) Acenaphthylene	9.727	152	11415	8.376	ng	97
50) Dimethylphthalate	9.580	163	8847	8.627	ng	99
51) 2,6-Dinitrotoluene	9.645	165	1668	7.304	ng	87
52) Acenaphthene	9.898	154	6612	8.003	ng	89
53) 3-Nitroaniline	9.816	138	1902	7.908	ng	# 86
54) 2,4-Dinitrophenol	9.927	184	367	3.683	ng	# 79
55) Dibenzofuran	10.069	168	10441	8.086	ng	99
56) 4-Nitrophenol	9.969	139	932	5.878	ng	85
57) 2,4-Dinitrotoluene	10.051	165	2364	7.625	ng	94
58) Fluorene	10.410	166	7819	7.898	ng	90
59) 2,3,4,6-Tetrachlorophenol	10.186	232	1633	7.436	ng	# 85
60) Diethylphthalate	10.280	149	8146	7.740	ng	96
61) 4-Chlorophenyl-phenyle...	10.404	204	3797	8.121	ng	94
62) 4-Nitroaniline	10.422	138	1925	8.244	ng	83
63) Azobenzene	10.563	77	7925	7.701	ng	94
65) 4,6-Dinitro-2-methylph...	10.457	198	915	5.556	ng	# 83
66) n-Nitrosodiphenylamine	10.522	169	6697	7.861	ng	96
67) 4-Bromophenyl-phenylether	10.892	248	2189	7.603	ng	# 81
68) Hexachlorobenzene	10.957	284	2471	7.889	ng	# 87
69) Atrazine	11.045	200	2379	9.293	ng	98
70) Pentachlorophenol	11.151	266	570	4.257	ng	# 84
71) Phenanthrene	11.374	178	11788	8.267	ng	99
72) Anthracene	11.427	178	12557	8.778	ng	97
73) Carbazole	11.580	167	10352	7.891	ng	95
74) Di-n-butylphthalate	11.910	149	13568	8.138	ng	98
75) Fluoranthene	12.563	202	12434	8.429	ng	98
77) Benzidine	12.680	184	6859	11.914	ng	# 95
78) Pyrene	12.792	202	12481	7.365	ng	96
80) Butylbenzylphthalate	13.404	149	5421	7.188	ng	# 90
81) Benzo(a)anthracene	13.980	228	10294	7.342	ng	97
82) 3,3'-Dichlorobenzidine	13.939	252	4180	11.308	ng	96
83) Chrysene	14.015	228	10341	7.629	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	7932	7.581	ng	# 97
85) Di-n-octyl phthalate	14.574	149	12477	7.559	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.898	276	7890	7.649	ng	94
88) Benzo(b)fluoranthene	15.015	252	10203	8.389	ng	96
89) Benzo(k)fluoranthene	15.045	252	8927	8.069	ng	96
90) Benzo(a)pyrene	15.380	252	8715	8.415	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	6778	7.474	ng	# 88
92) Benzo(g,h,i)perylene	17.333	276	6297	7.238	ng	# 94

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

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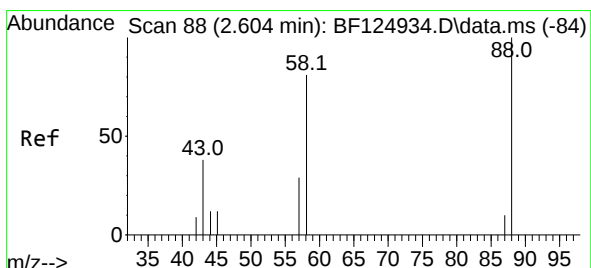
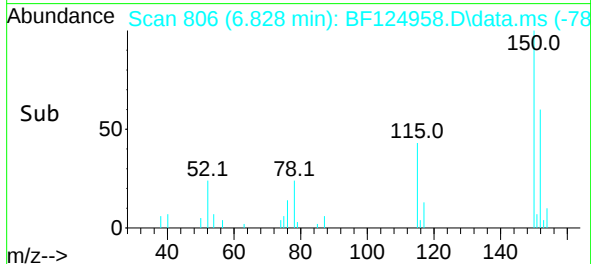
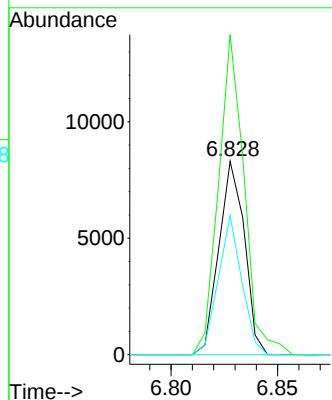
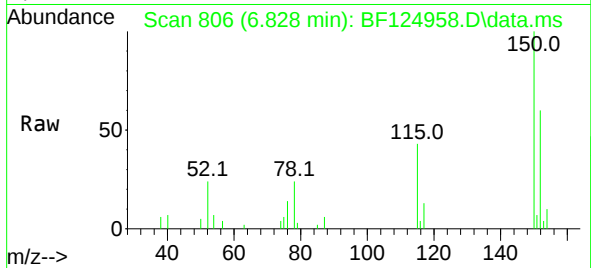




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:27

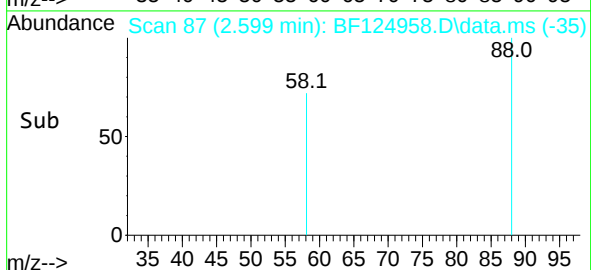
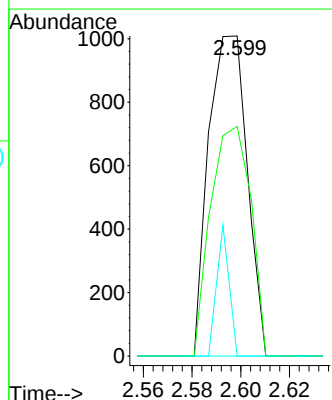
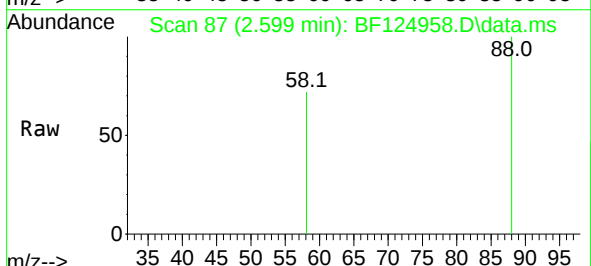
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT2-2021

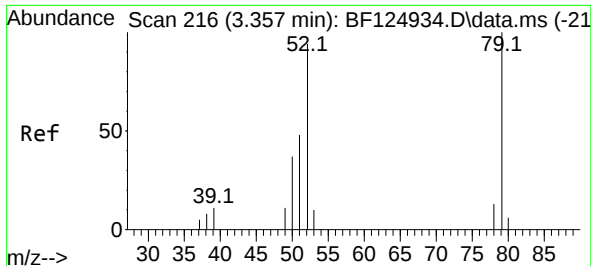
Tgt Ion:152 Resp: 6938
 Ion Ratio Lower Upper
 152 100
 150 165.6 117.6 176.4
 115 71.9 47.1 70.7#



#2
 1,4-Dioxane
 Concen: 6.999 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:27

Tgt Ion: 88 Resp: 1109
 Ion Ratio Lower Upper
 88 100
 58 74.8 0.0 0.0#
 43 13.1 0.0 0.0#

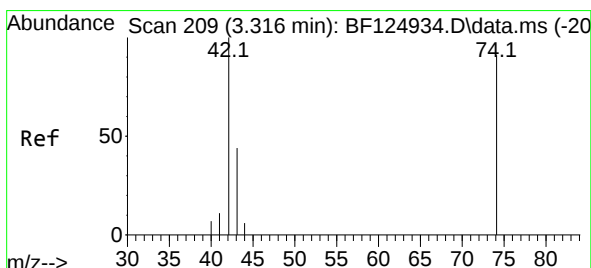
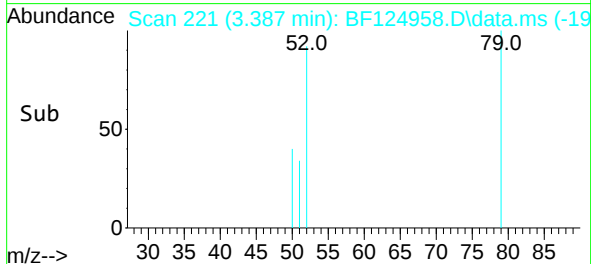
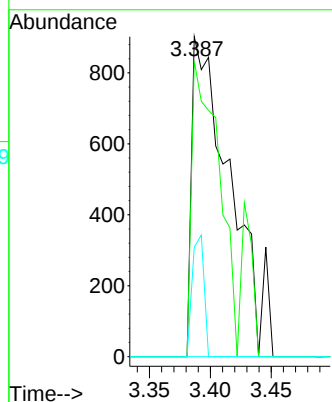
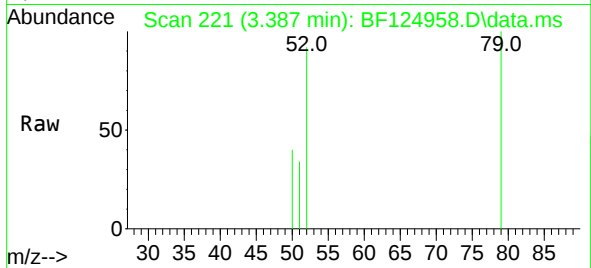




#3
Pyridine
Concen: 5.399 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

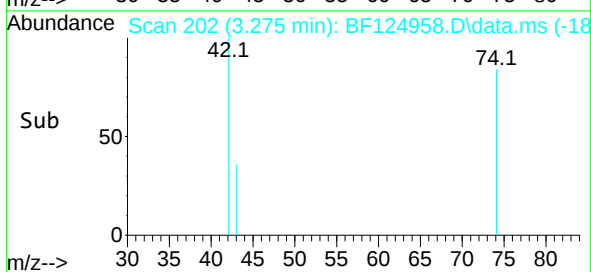
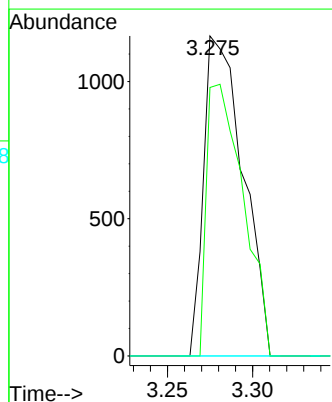
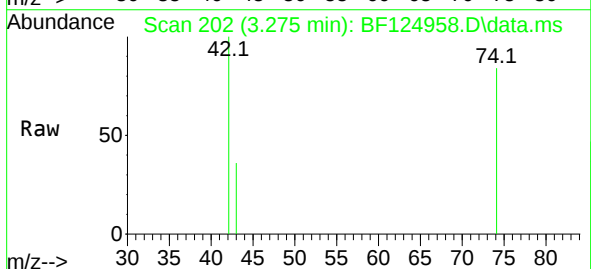
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

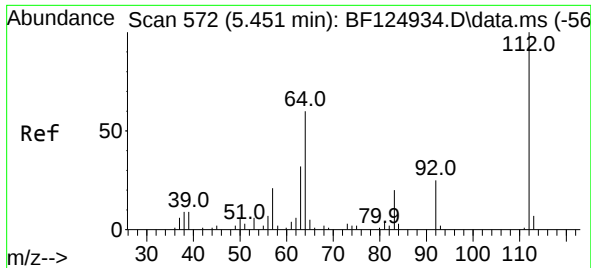
Tgt Ion: 79 Resp: 1988
Ion Ratio Lower Upper
79 100
52 92.4 70.3 105.5
51 34.3 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 7.164 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.018 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 42 Resp: 1873
Ion Ratio Lower Upper
42 100
74 83.9 59.0 88.6
44 0.0 0.0 0.0

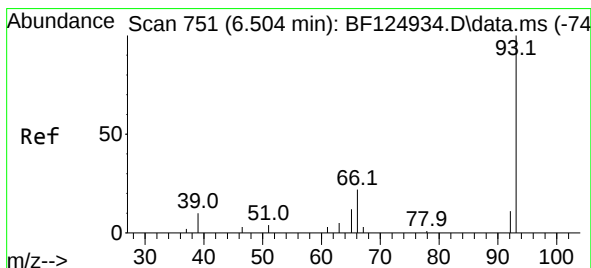
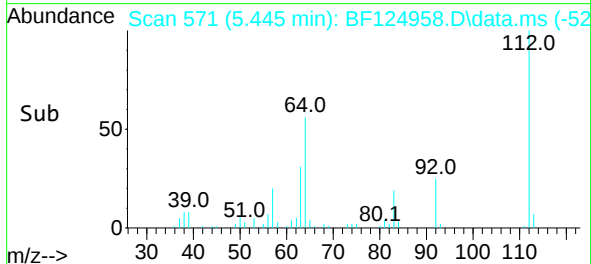
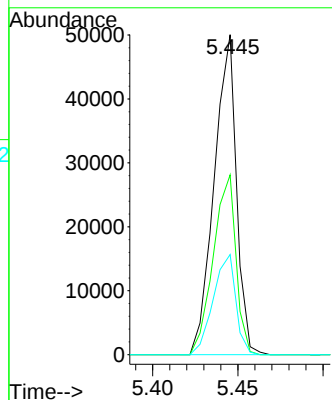
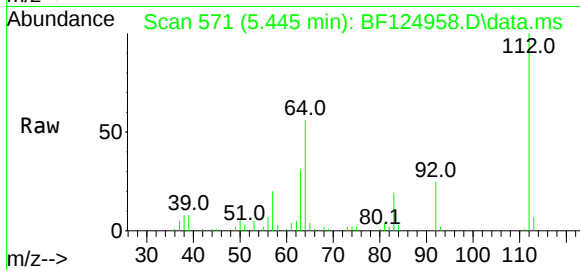




#5
2-Fluorophenol
Concen: 107.198 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

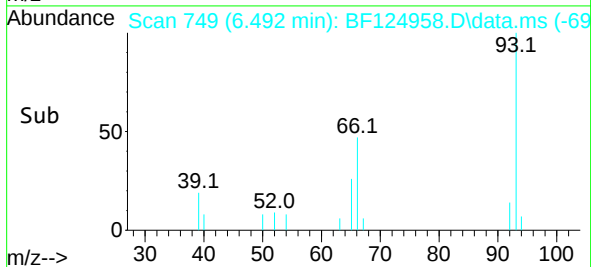
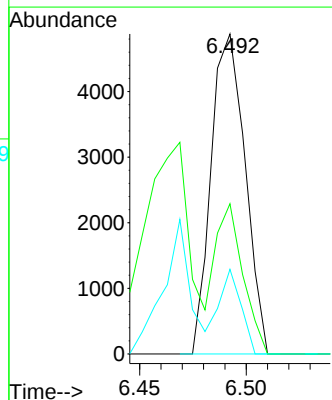
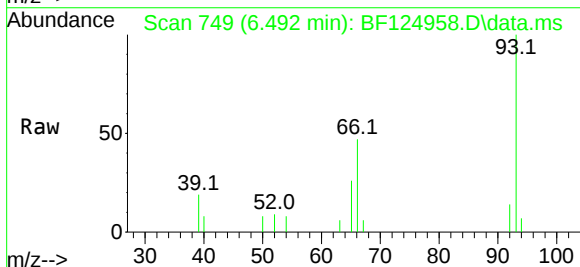
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ClientSampleId :
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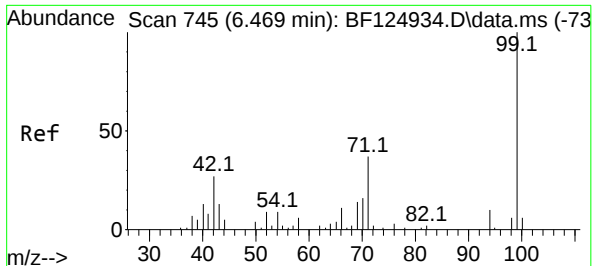
Tgt Ion:112 Resp: 45402
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 31.3 26.2 39.2



#6
Aniline
Concen: 9.594 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 93 Resp: 5412
Ion Ratio Lower Upper
93 100
66 46.9 32.7 49.1
65 26.5 14.2 21.4#

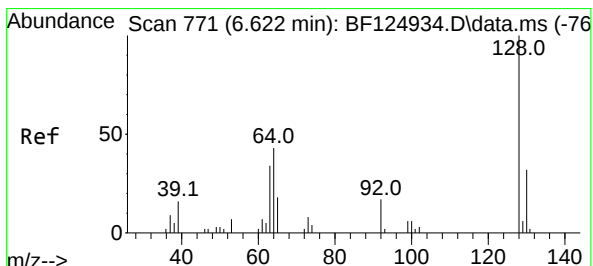
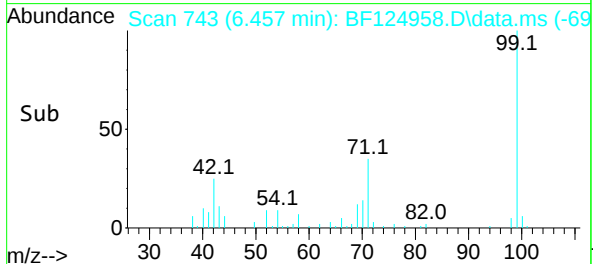
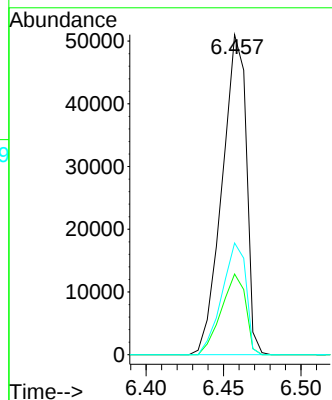
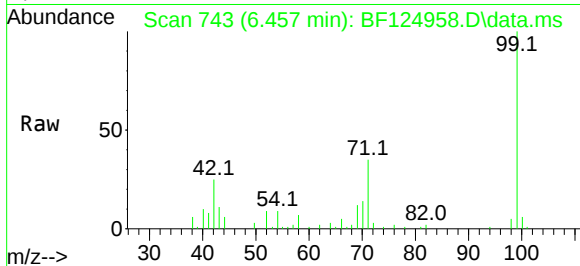




#7
Phenol-d6
Concen: 103.968 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

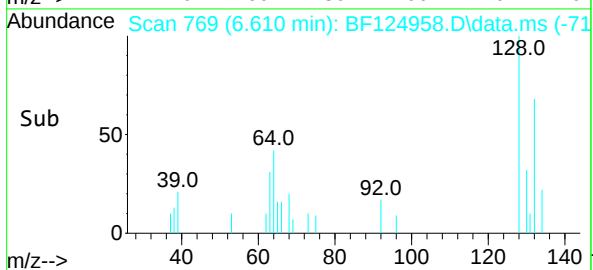
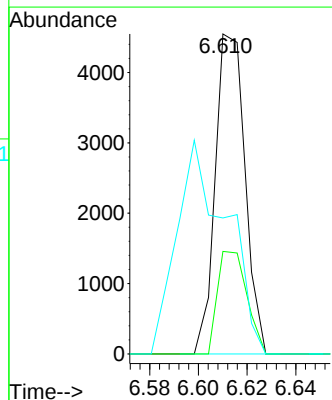
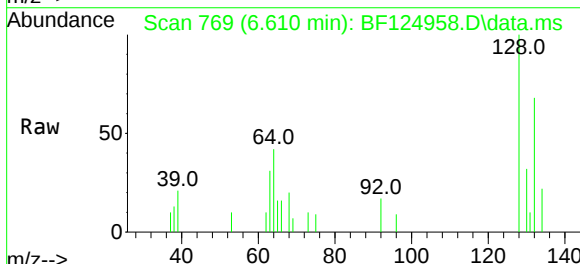
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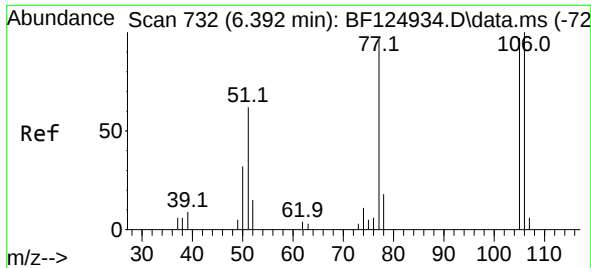
Tgt Ion:	99	Resp:	55524
Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	34.9	25.6	38.4



#8
2-Chlorophenol
Concen: 8.311 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:	128	Resp:	3861
Ion	Ratio	Lower	Upper
128	100		
130	32.1	10.5	50.5
64	42.5	20.3	60.3

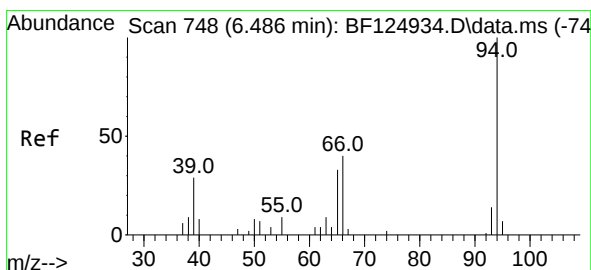
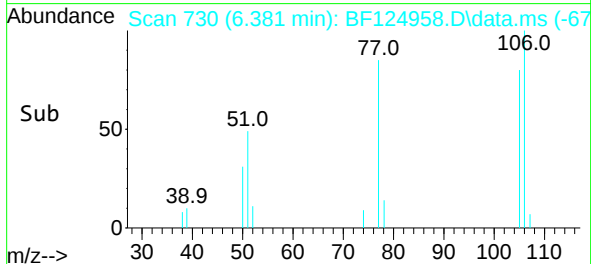
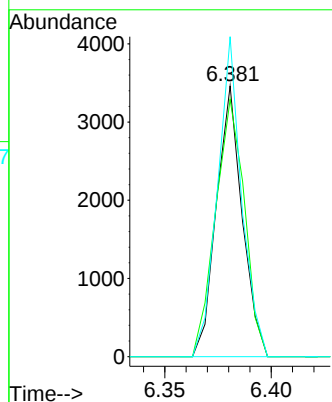
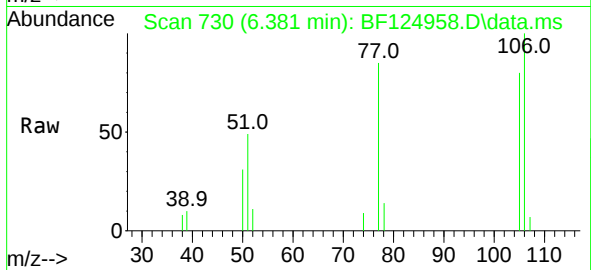




#9
Benzaldehyde
Concen: 10.009 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

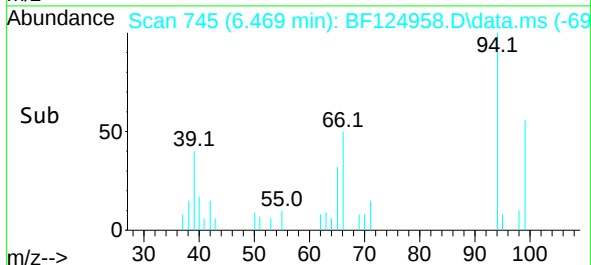
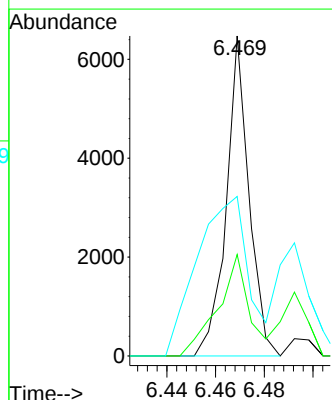
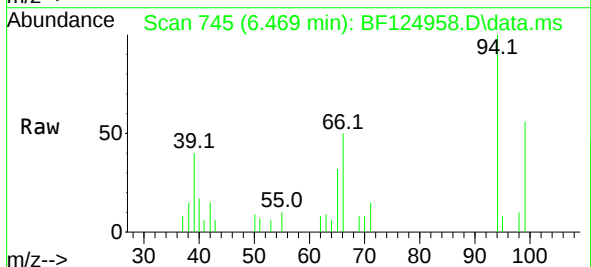
Instrument :
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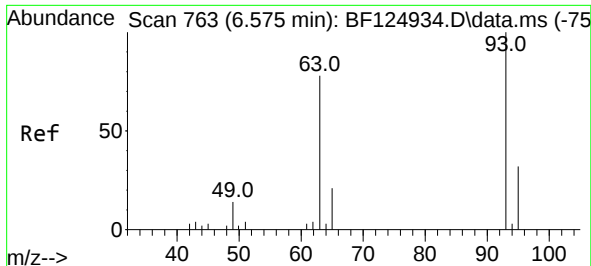
Tgt Ion: 77	Resp: 2908
Ion Ratio	Lower Upper
77 100	
105 95.0	75.9 115.9
106 118.2	84.0 124.0



#10
Phenol
Concen: 7.613 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 94	Resp: 4195
Ion Ratio	Lower Upper
94 100	
65 31.7	9.3 49.3
66 49.8	20.3 60.3

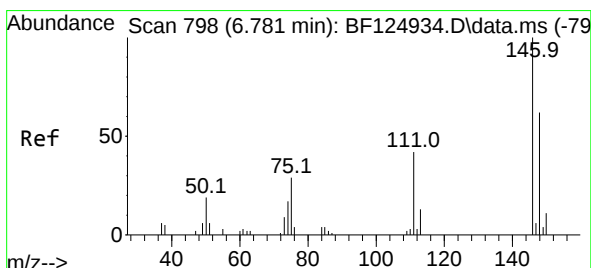
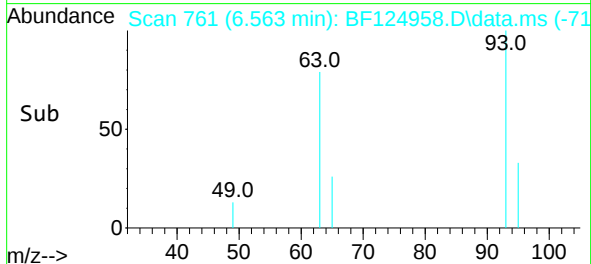
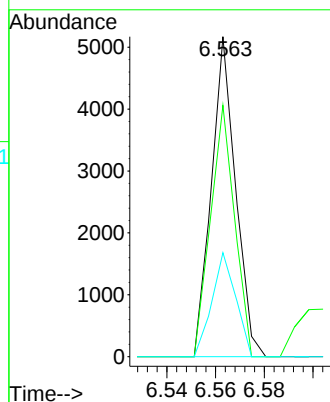
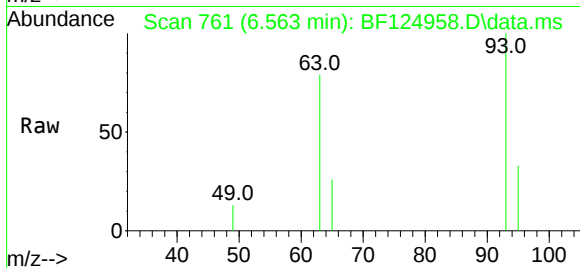




#11
bis(2-Chloroethyl)ether
Concen: 8.643 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

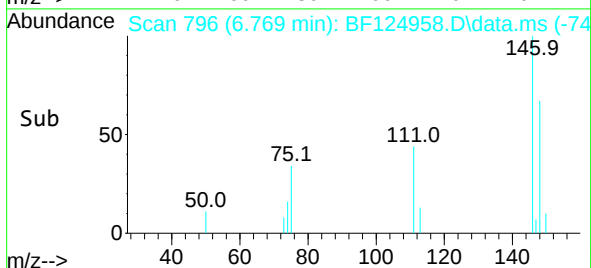
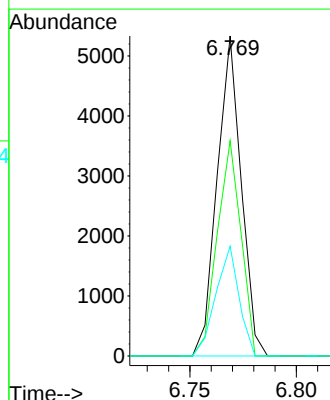
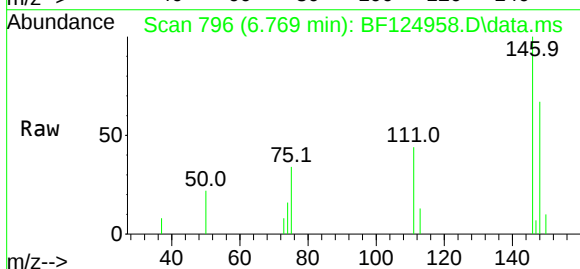
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

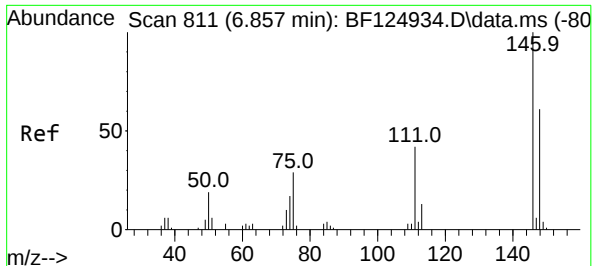
Tgt Ion: 93	Resp:	3573
Ion	Ratio	Lower Upper
93	100	
63	78.5	54.4 94.4
95	32.5	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 8.280 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 146	Resp:	4187
Ion	Ratio	Lower Upper
146	100	
148	67.3	49.7 74.5
75	34.3	25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 8.283 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.076 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

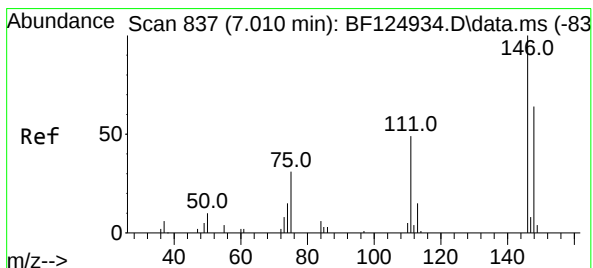
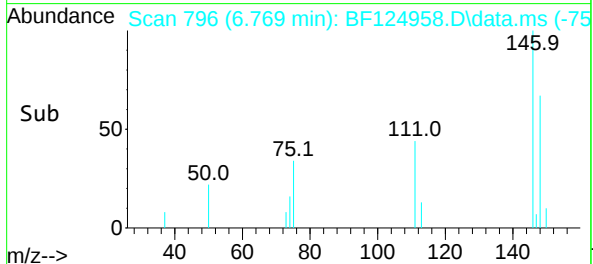
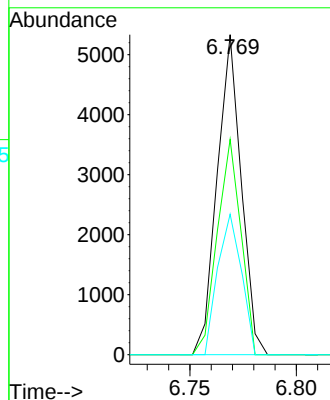
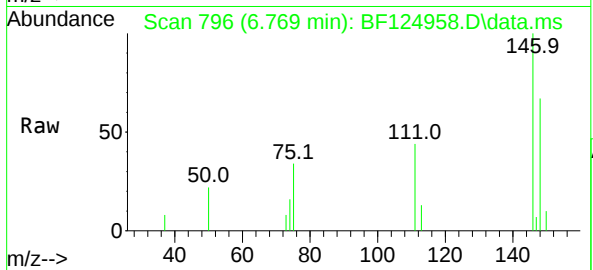
Tgt Ion:	146	Resp:	4187
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.9	77.9
111	43.9	31.8	47.6

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021



#14

1,2-Dichlorobenzene

Concen: 9.168 ng

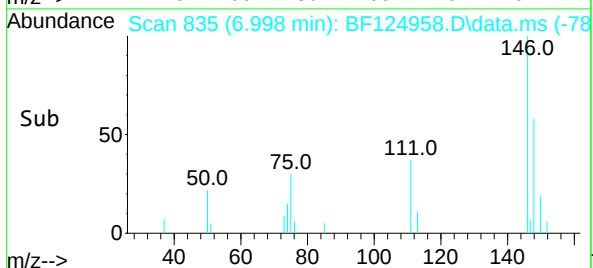
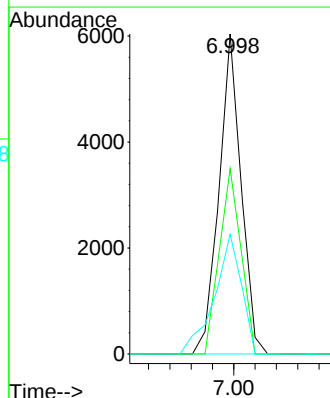
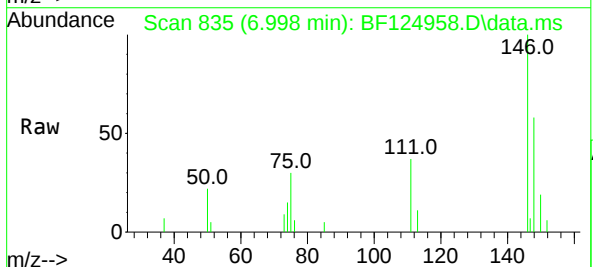
RT: 6.998 min Scan# 835

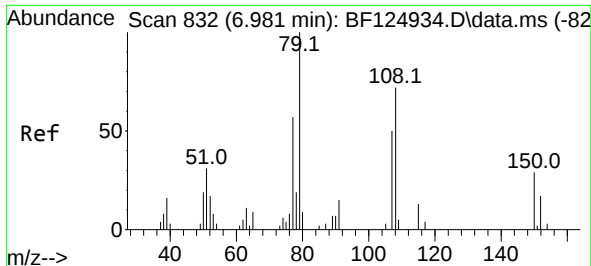
Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

Tgt Ion:	146	Resp:	4343
Ion Ratio	Lower	Upper	
146	100		
148	57.9	50.6	75.8
111	37.4	33.5	50.3

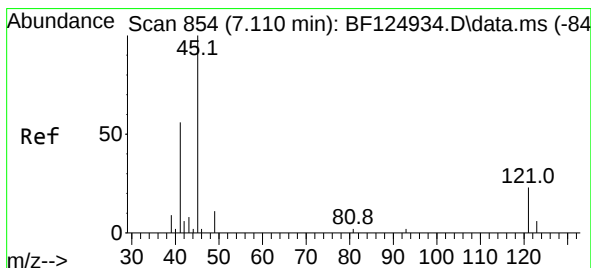
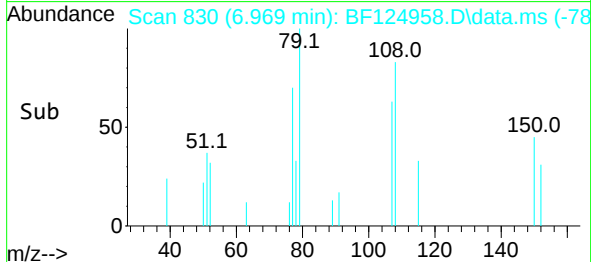
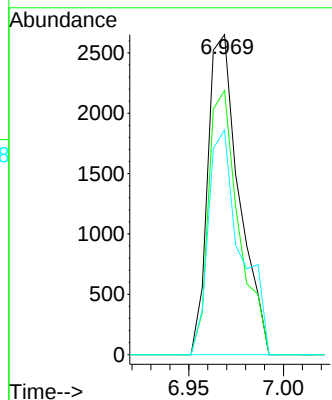
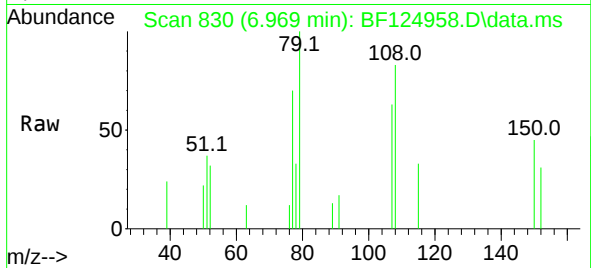




#15
Benzyl Alcohol
Concen: 7.907 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

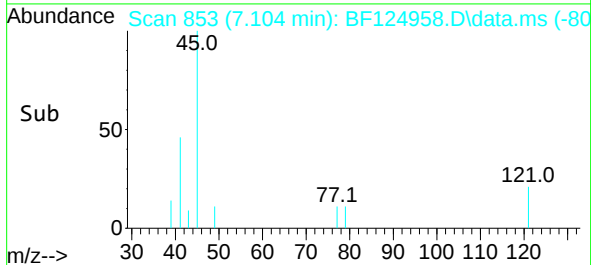
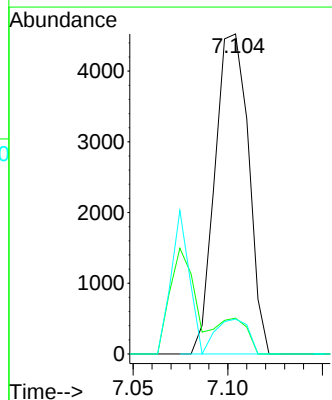
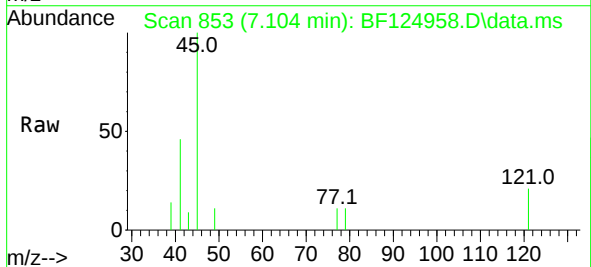
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

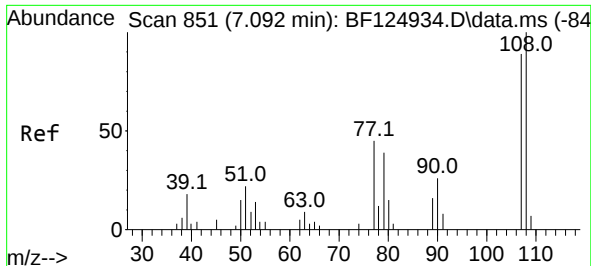
Tgt Ion: 79	Resp: 3046
Ion Ratio	Lower Upper
79	100
108	82.5 60.4 90.6
77	70.2 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.413 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 45	Resp: 5572
Ion Ratio	Lower Upper
45	100
77	11.2 0.0 30.6
79	10.9 0.0 27.5

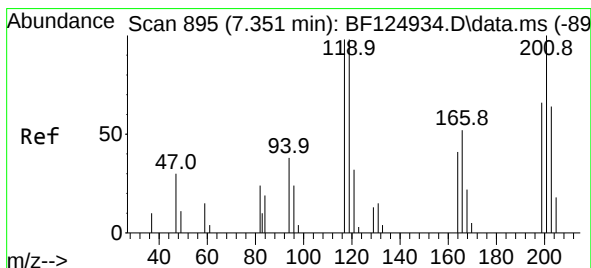
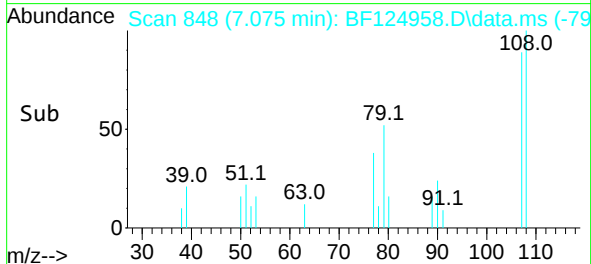
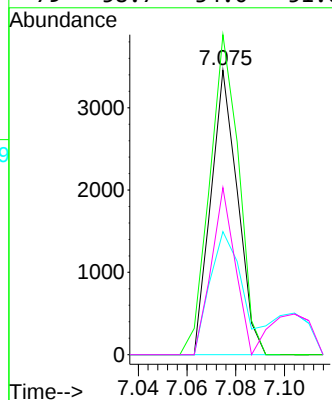
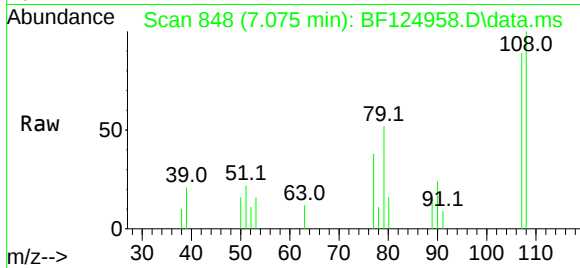




#17
2-Methylphenol
Concen: 7.571 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

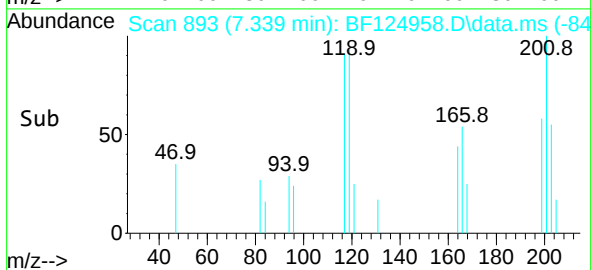
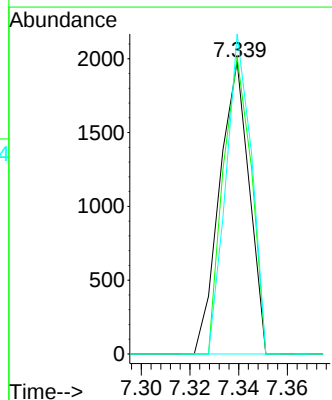
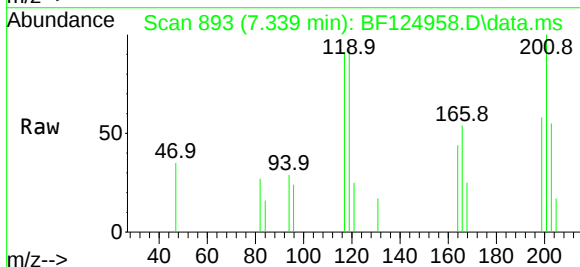
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

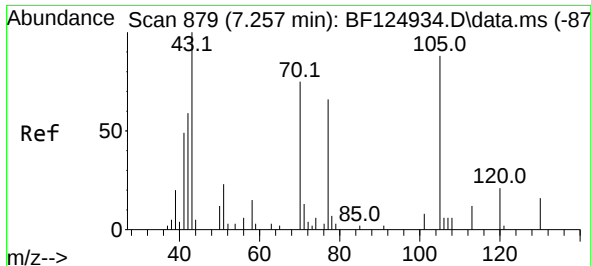
Tgt Ion:	107	Resp:	2633
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.6	135.8
77	43.2	35.7	53.5
79	58.7	34.0	51.0#



#18
Hexachloroethane
Concen: 8.448 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

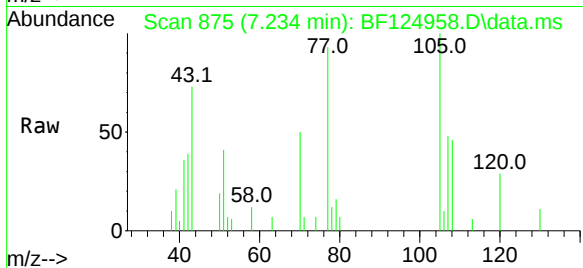
Tgt Ion:	117	Resp:	1672
Ion	Ratio	Lower	Upper
117	100		
119	101.5	73.4	110.2
201	109.5	64.9	97.3#



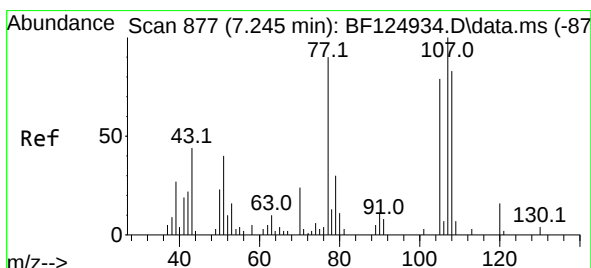
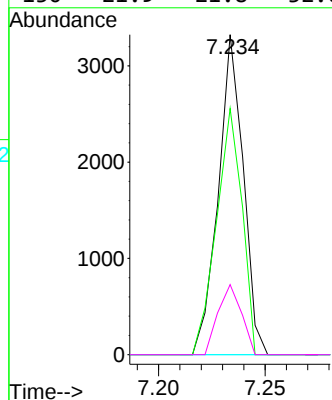
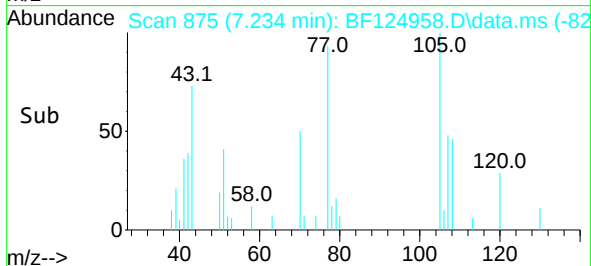


#19
n-Nitroso-di-n-propylamine
Concen: 8.536 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

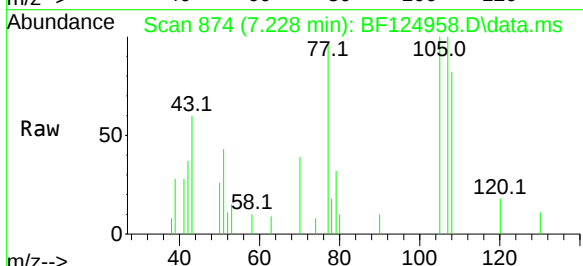
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021



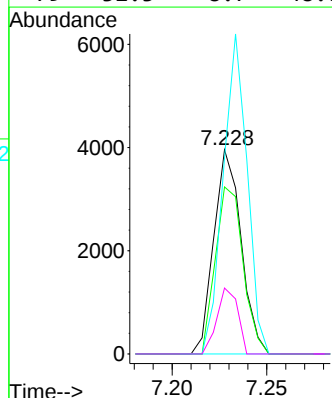
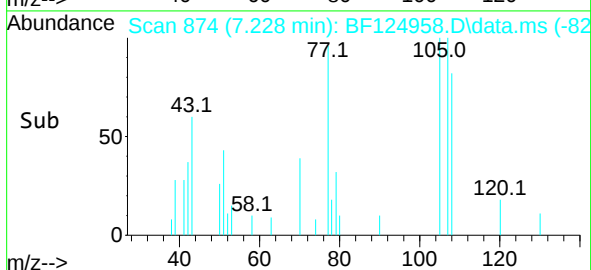
Tgt Ion: 70 Resp: 2705
Ion Ratio Lower Upper
70 100
42 77.0 72.2 108.2
101 0.0 7.8 11.8#
130 21.9 21.8 32.6

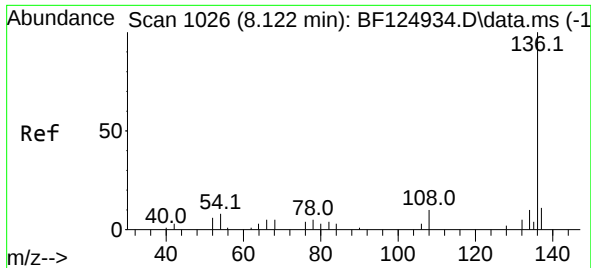


#20
3+4-Methylphenols
Concen: 8.574 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27



Tgt Ion: 107 Resp: 3958
Ion Ratio Lower Upper
107 100
108 81.8 76.6 116.6
77 96.0 53.3 93.3#
79 32.3 8.7 48.7

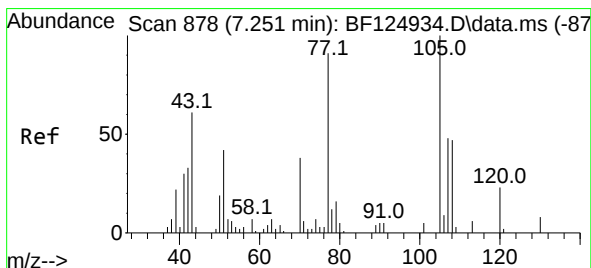
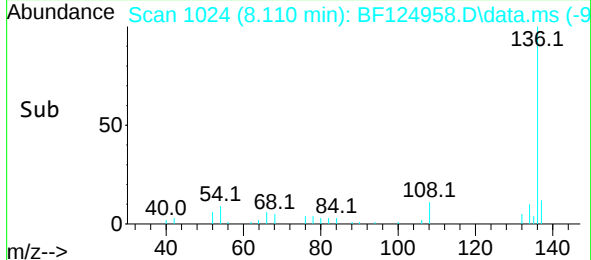
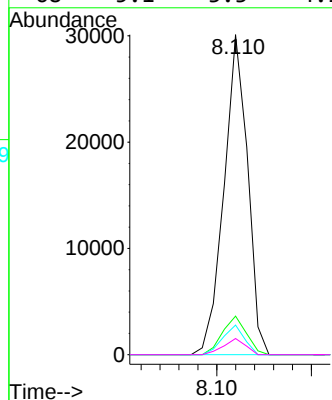
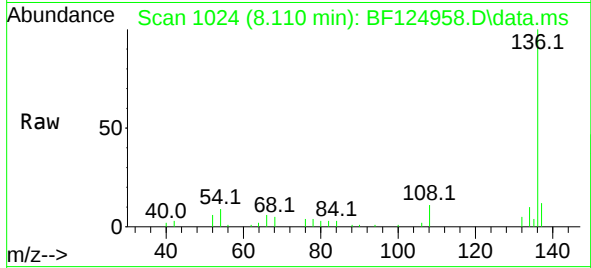




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

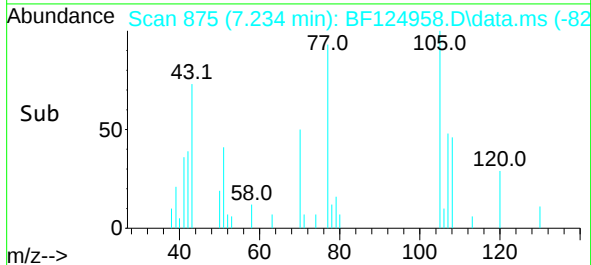
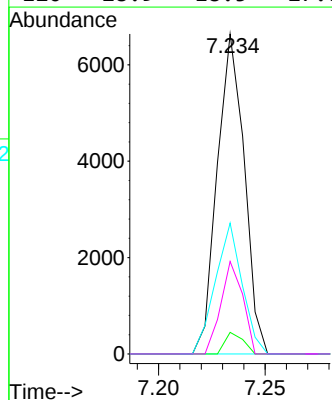
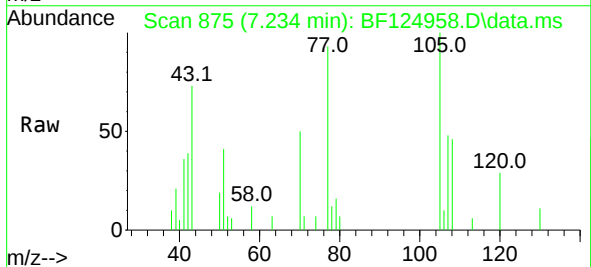
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

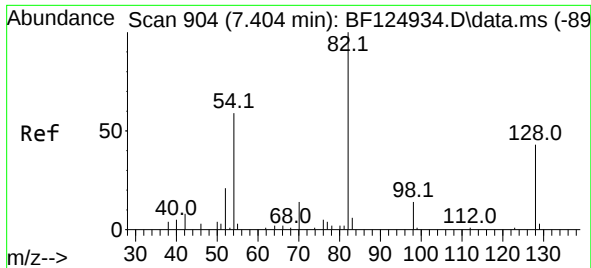
Tgt Ion:136	Resp:	26069
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.8 14.6
54	9.2	6.4 9.6
68	5.1	3.3 4.9#



#22
Acetophenone
Concen: 9.171 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:105	Resp:	5855
Ion Ratio	Lower	Upper
105	100	
71	6.8	5.5 8.3
51	40.9	26.0 39.0#
120	28.9	18.5 27.7#





#23

Nitrobenzene-d5

Concen: 66.235 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

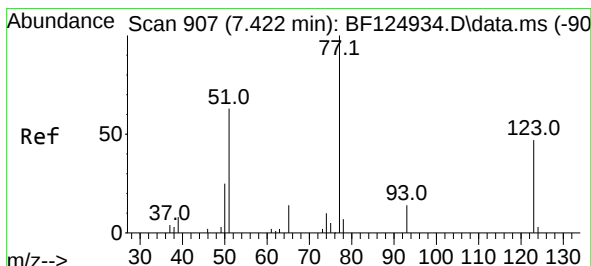
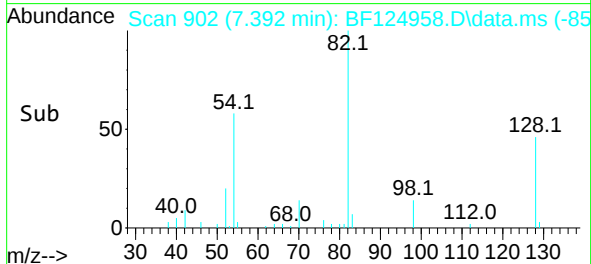
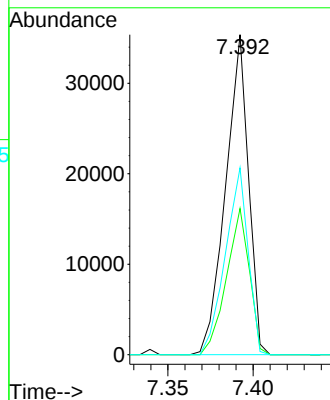
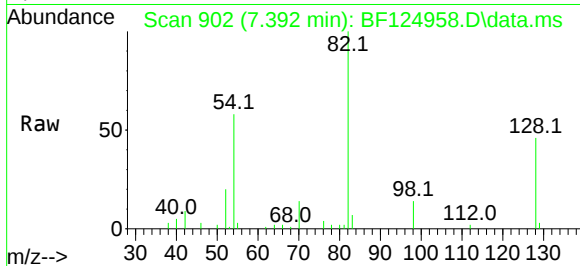
Tgt Ion: 82 Resp: 33007

Ion Ratio Lower Upper

82 100

128 45.7 40.6 60.8

54 58.4 49.6 74.4



#24

Nitrobenzene

Concen: 7.777 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

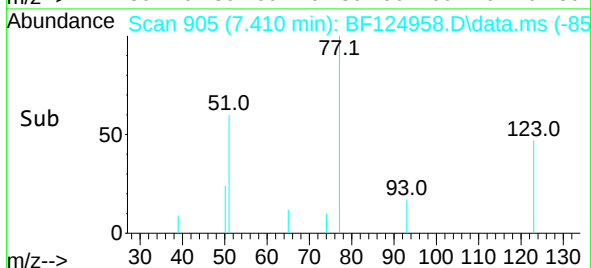
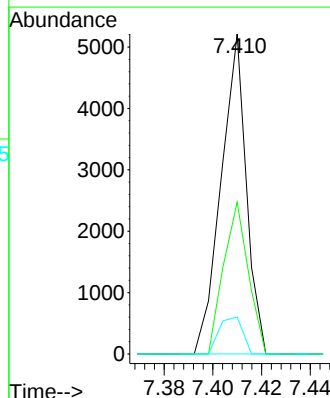
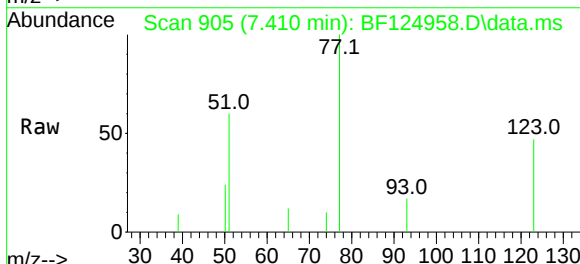
Tgt Ion: 77 Resp: 3750

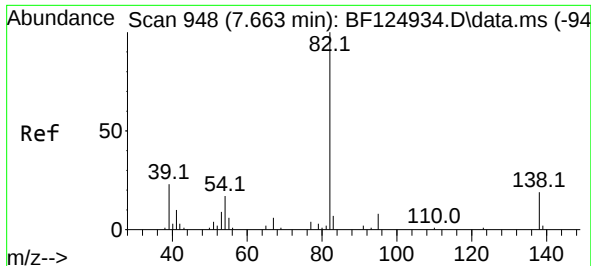
Ion Ratio Lower Upper

77 100

123 47.4 42.3 63.5

65 11.6 12.4 18.6#

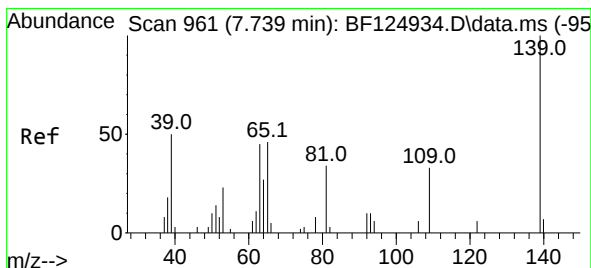
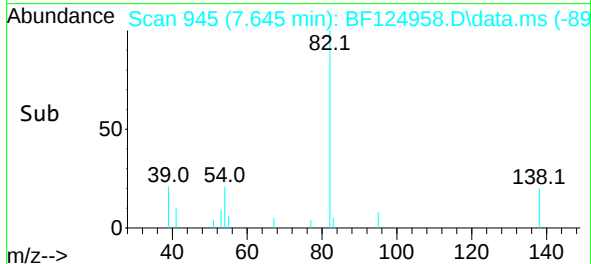
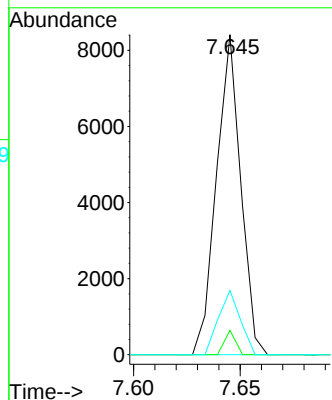
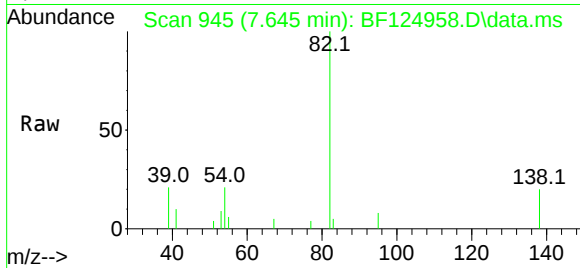




#25
Isophorone
Concen: 7.820 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

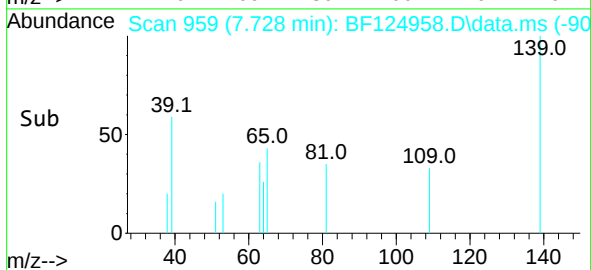
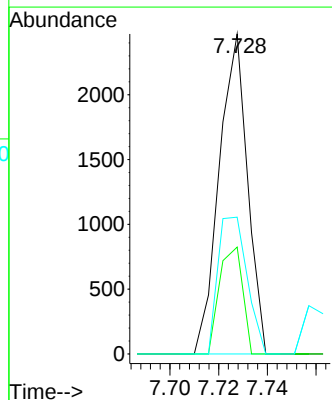
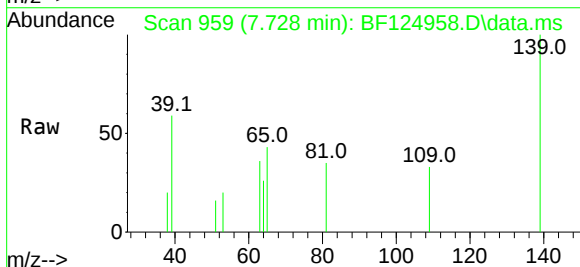
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

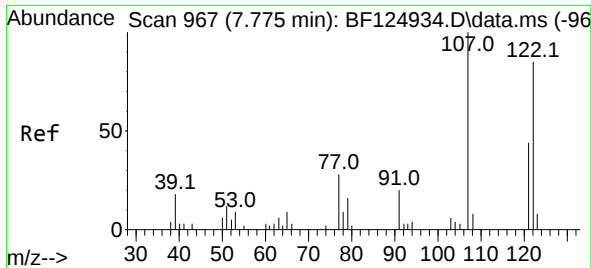
Tgt Ion:	82	Resp:	6651
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.5	9.7
138	20.1	18.4	27.6



#26
2-Nitrophenol
Concen: 8.143 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:	139	Resp:	1994
Ion	Ratio	Lower	Upper
139	100		
109	33.4	26.0	39.0
65	42.7	31.0	46.4





#27

2,4-Dimethylphenol

Concen: 9.190 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

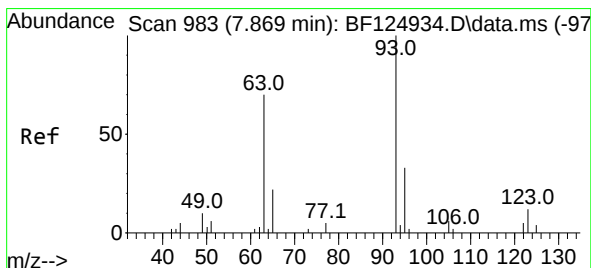
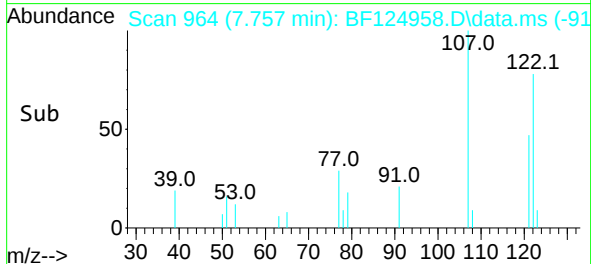
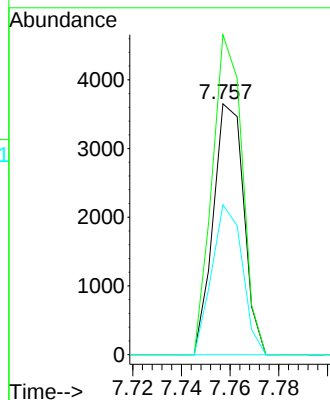
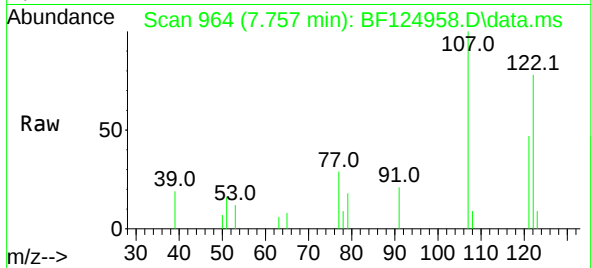
Tgt Ion:	122	Resp:	3190
Ion	Ratio	Lower	Upper
122	100		
107	127.6	85.0	127.6#
121	59.8	43.3	64.9

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021



#28

bis(2-Chloroethoxy)methane

Concen: 8.883 ng

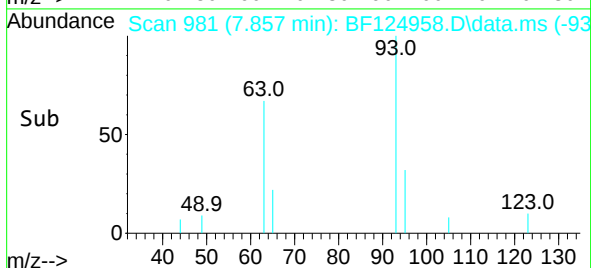
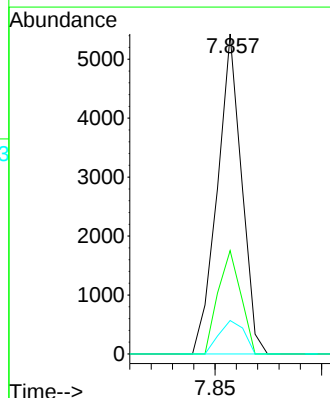
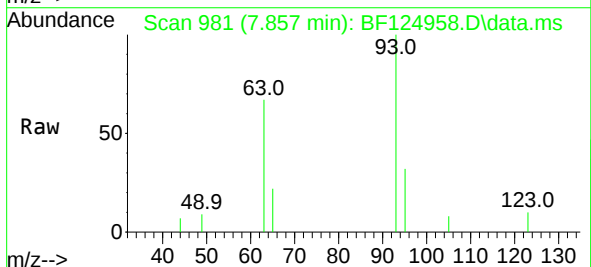
RT: 7.857 min Scan# 981

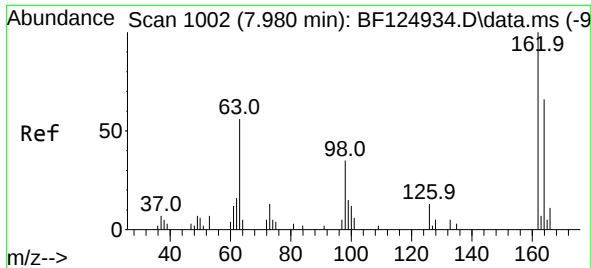
Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

Tgt Ion:	93	Resp:	4300
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	10.4	11.7	17.5#

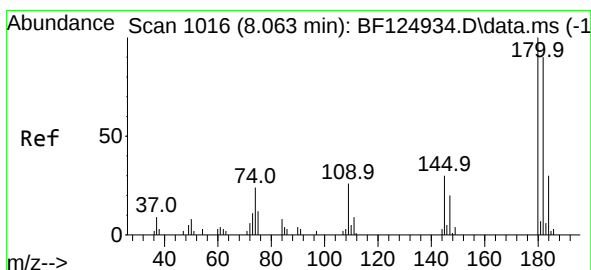
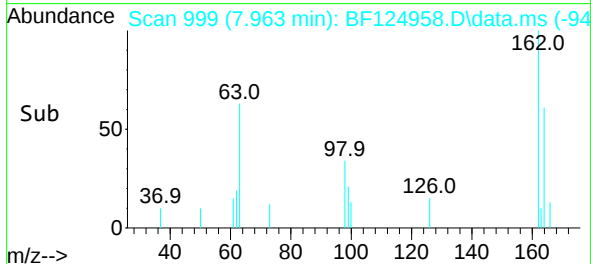
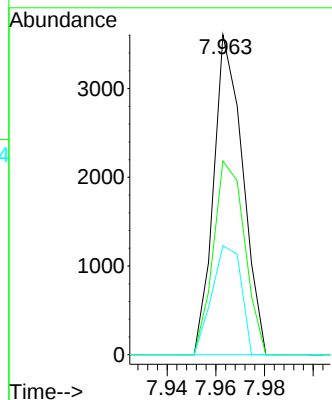
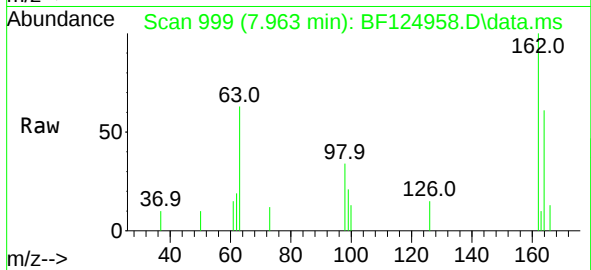




#29
2,4-Dichlorophenol
Concen: 7.739 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

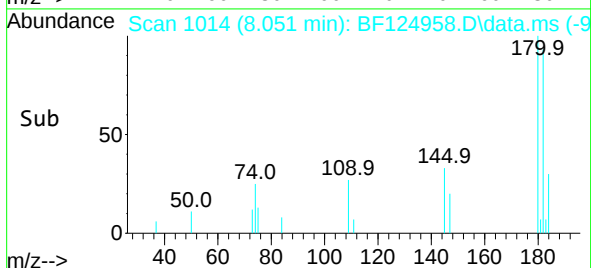
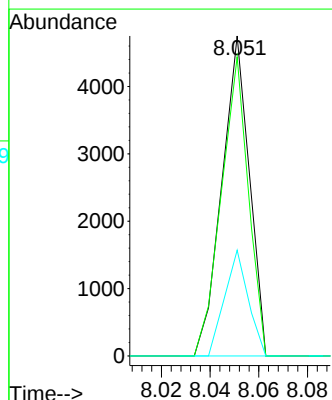
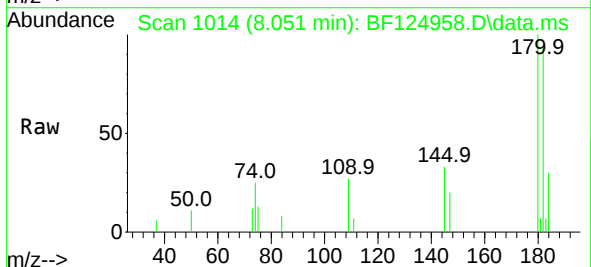
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

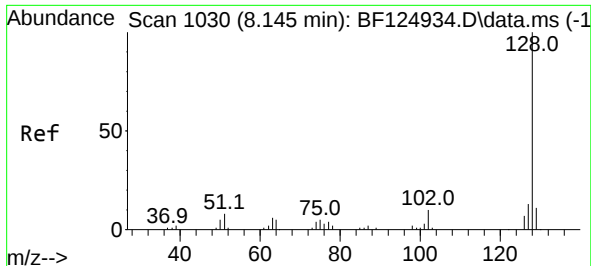
Tgt Ion:	162	Resp:	2993
Ion	Ratio	Lower	Upper
162	100		
164	60.6	44.5	84.5
98	34.1	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 8.586 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

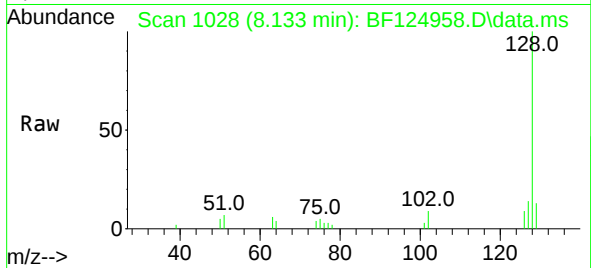
Tgt Ion:	180	Resp:	3721
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	33.0	26.7	40.1



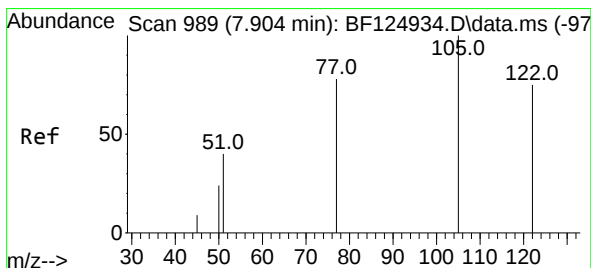
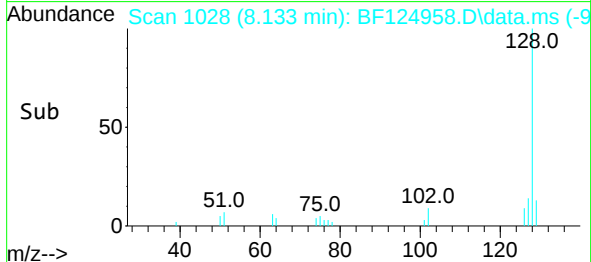
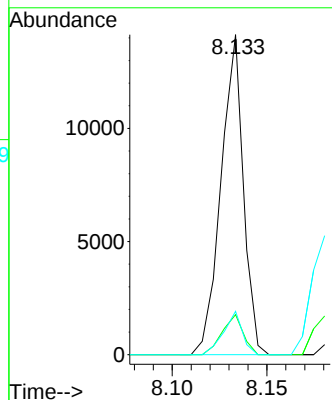


#31
Naphthalene
Concen: 8.669 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

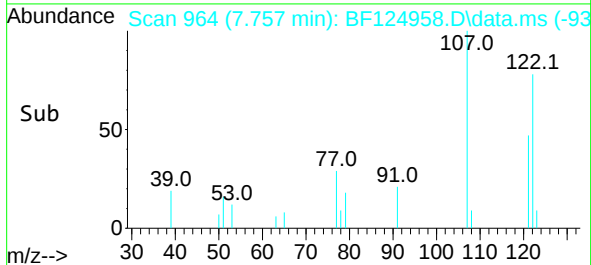
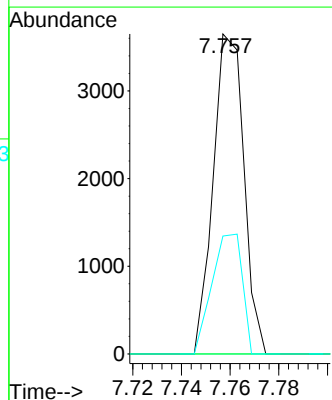
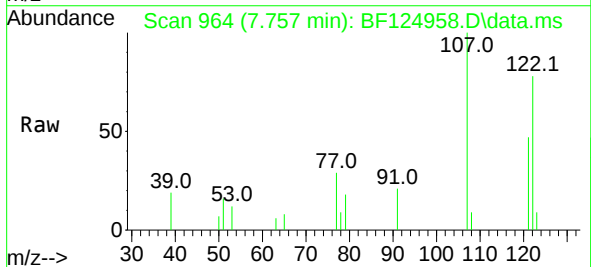


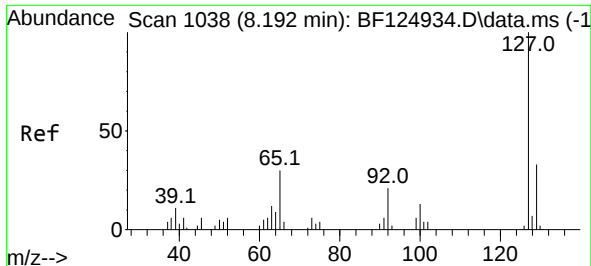
Tgt Ion:128 Resp: 11611
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 17.780 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.141 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

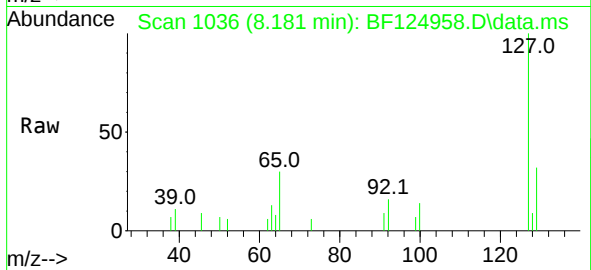
Tgt Ion:122 Resp: 3190
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 36.8 59.6 99.6#



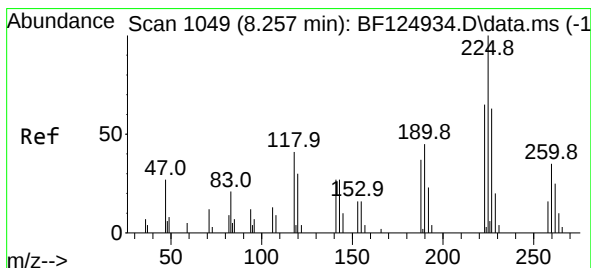
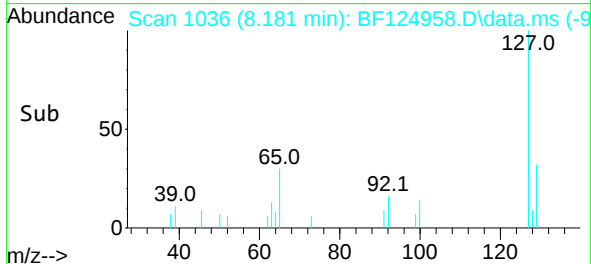
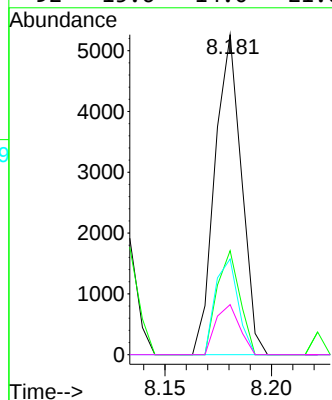


#33
4-Chloroaniline
Concen: 9.130 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

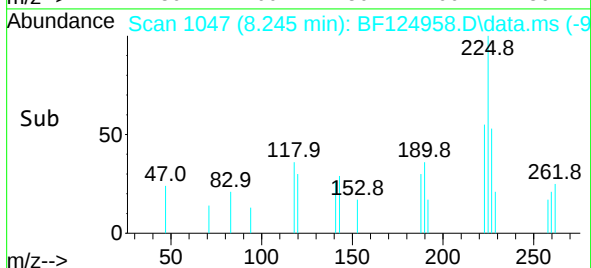
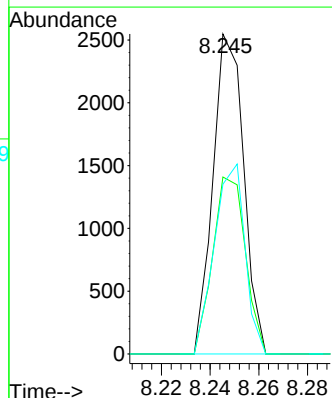
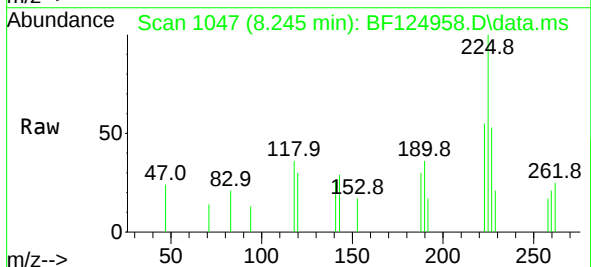


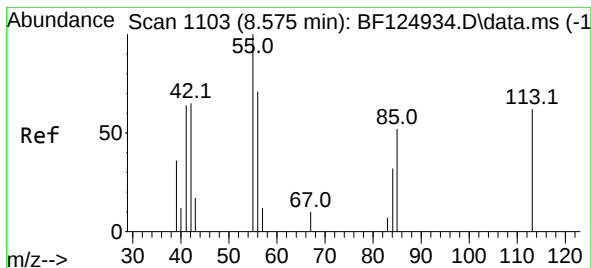
Tgt Ion:	127	Resp:	4557
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	29.9	21.2	31.8
92	15.6	14.0	21.0



#34
Hexachlorobutadiene
Concen: 8.620 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:	225	Resp:	2231
Ion	Ratio	Lower	Upper
225	100		
223	55.3	50.6	76.0
227	53.1	50.6	75.8





#35

Caprolactam

Concen: 7.147 ng

RT: 8.516 min Scan# 1093

Delta R.T. -0.047 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

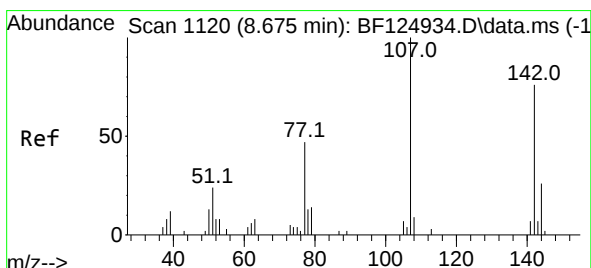
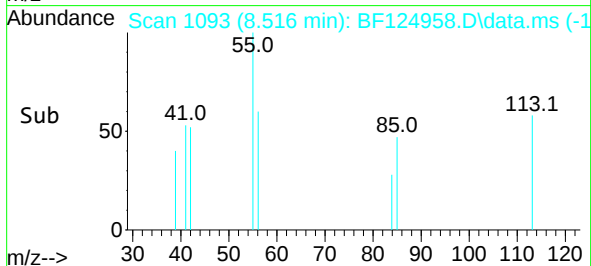
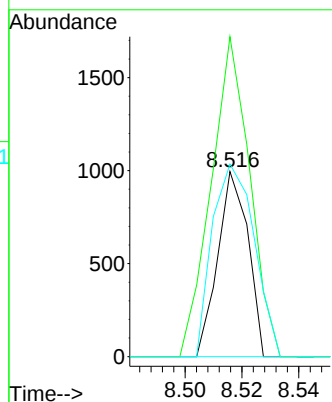
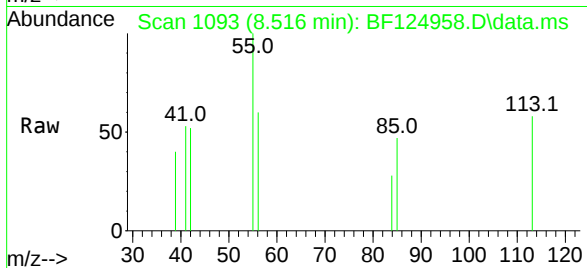
Tgt Ion:113 Resp: 734

Ion Ratio Lower Upper

113 100

55 172.9 154.1 194.1

56 104.0 108.7 148.7#



#36

4-Chloro-3-methylphenol

Concen: 8.138 ng

RT: 8.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

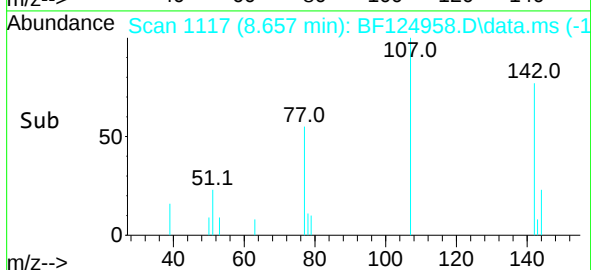
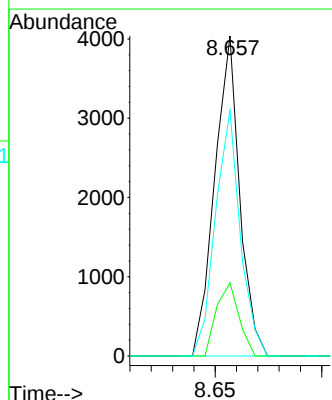
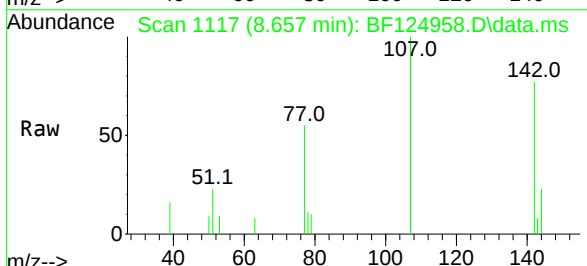
Tgt Ion:107 Resp: 3292

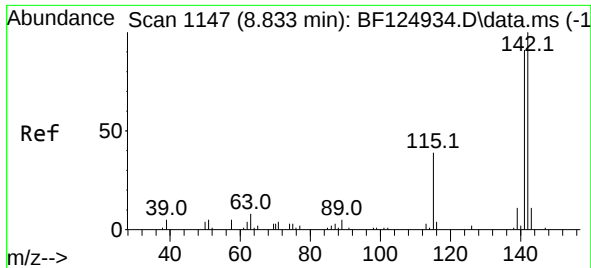
Ion Ratio Lower Upper

107 100

144 22.9 21.9 32.9

142 76.7 67.1 100.7

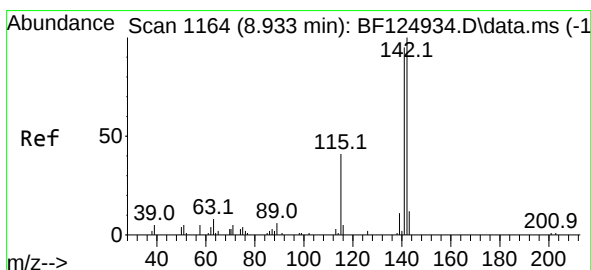
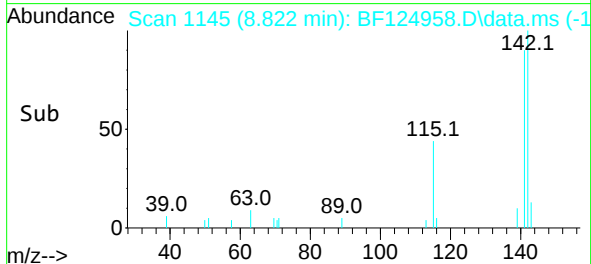
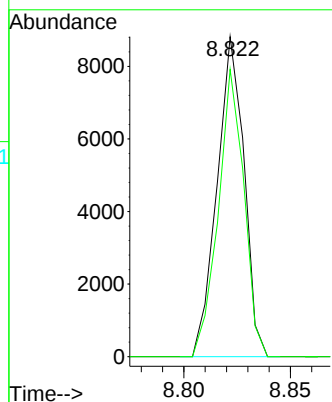
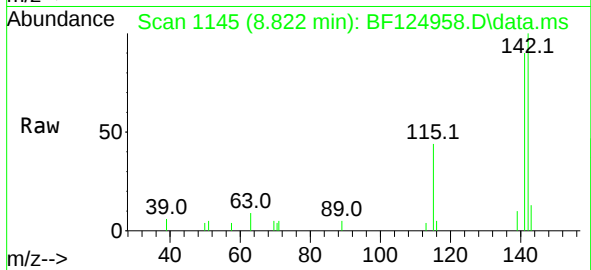




#37
2-Methylnaphthalene
Concen: 8.627 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

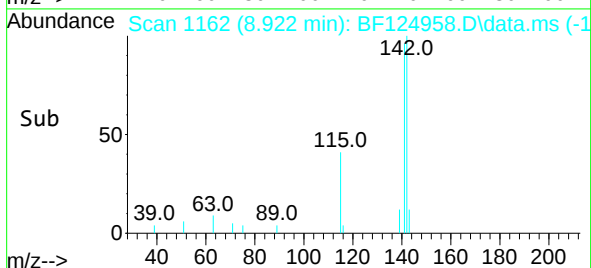
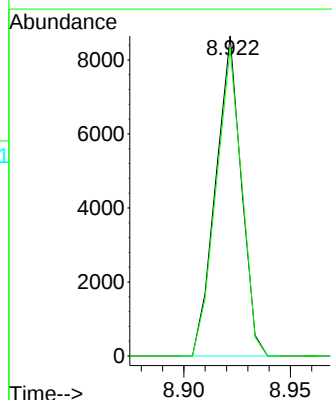
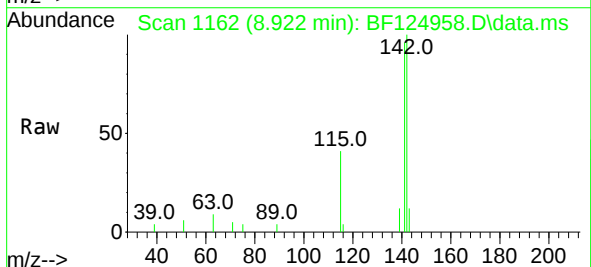
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

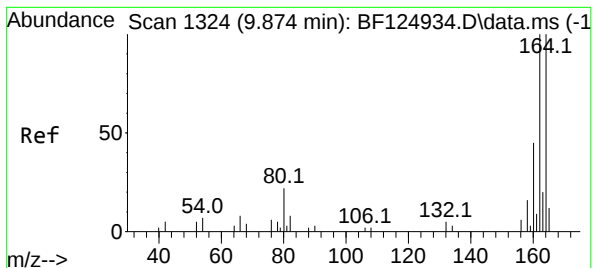
Tgt Ion:142 Resp: 7769
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 8.547 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:142 Resp: 7202
Ion Ratio Lower Upper
142 100
141 96.2 76.0 114.0

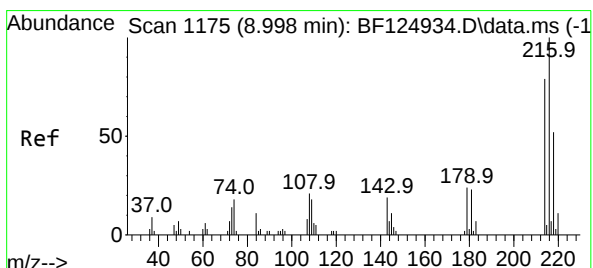
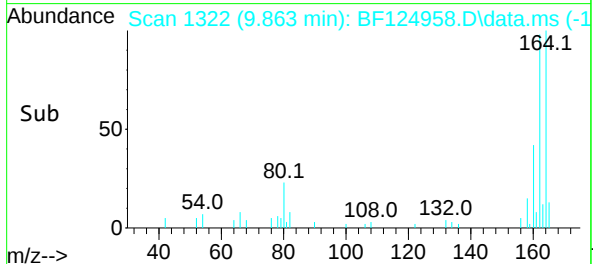
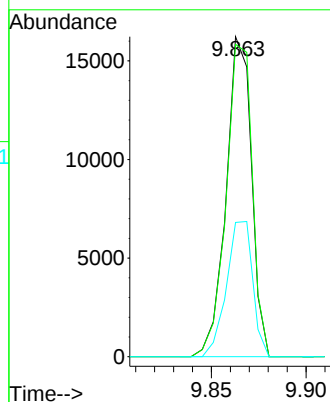
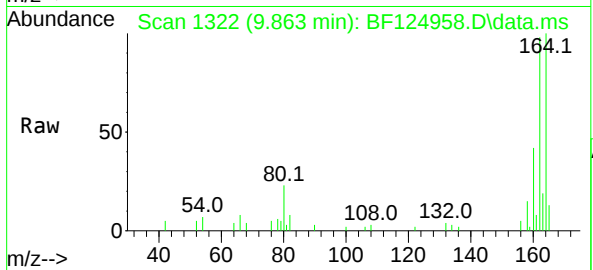




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

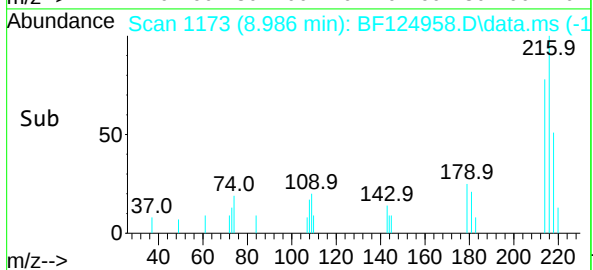
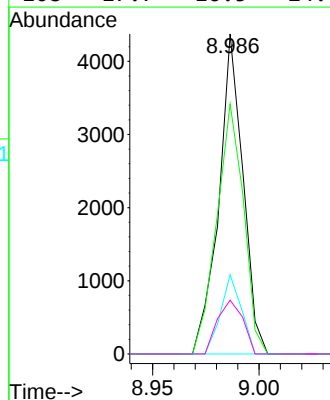
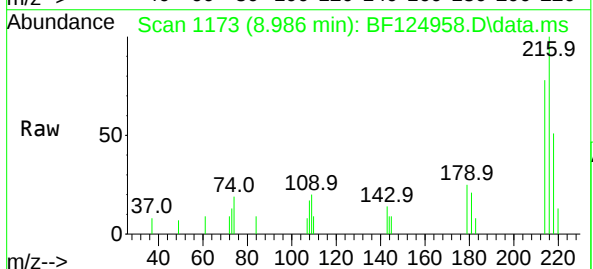
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

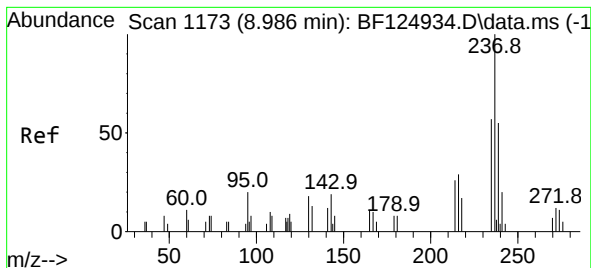
Tgt Ion:164 Resp: 15133
Ion Ratio Lower Upper
164 100
162 97.6 81.3 121.9
160 41.9 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.926 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:216 Resp: 3443
Ion Ratio Lower Upper
216 100
214 86.9 64.9 97.3
179 21.1 17.4 26.2
108 17.7 16.5 24.7



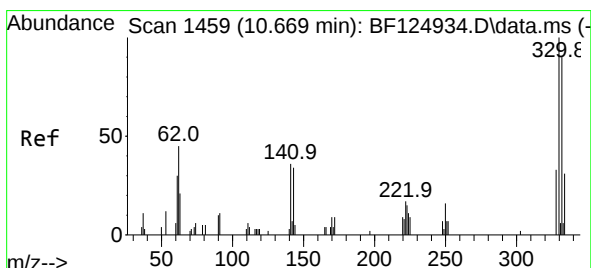
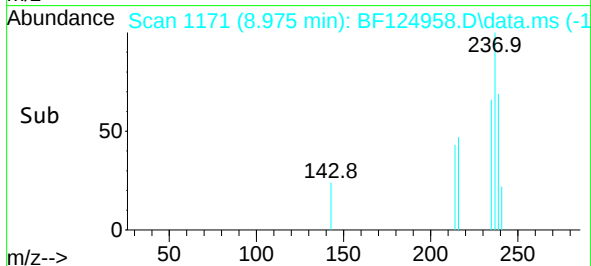
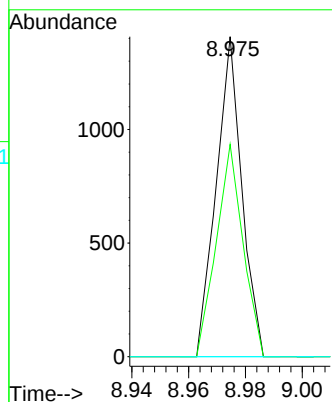
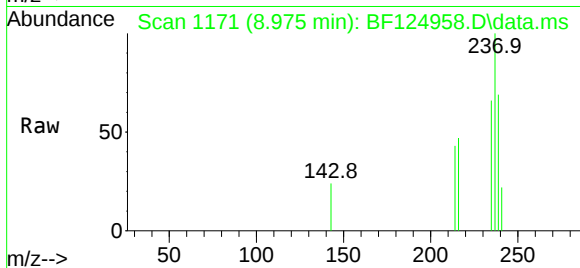


#41

Hexachlorocyclopentadiene
Concen: 8.351 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

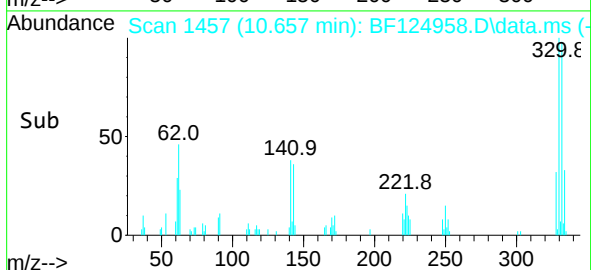
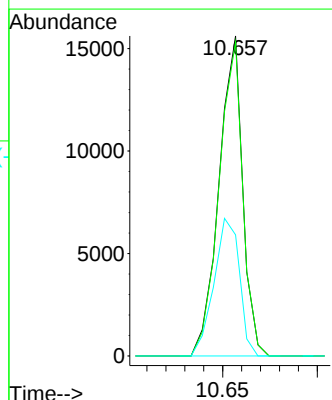
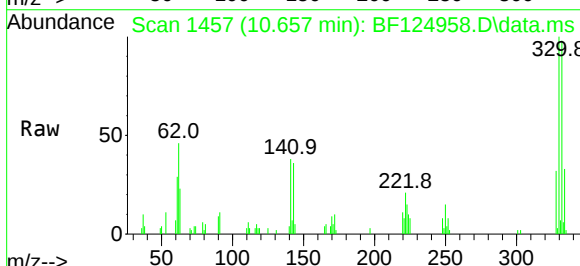
Tgt Ion:237 Resp: 881
Ion Ratio Lower Upper
237 100
235 66.3 44.7 84.7
272 0.0 0.0 31.6

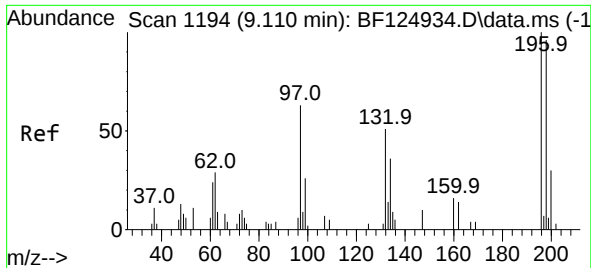


#42

2,4,6-Tribromophenol
Concen: 100.179 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:330 Resp: 13544
Ion Ratio Lower Upper
330 100
332 98.5 76.2 114.4
141 46.4 44.6 66.8

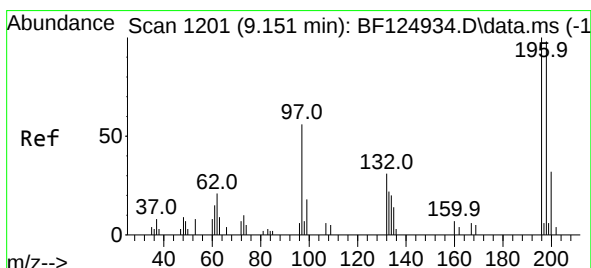
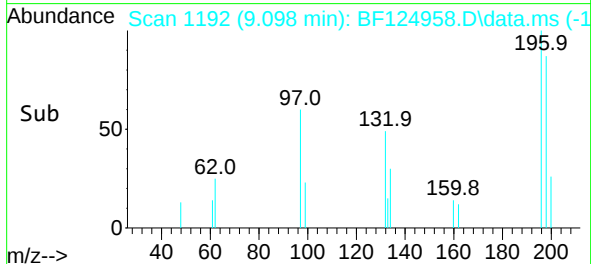
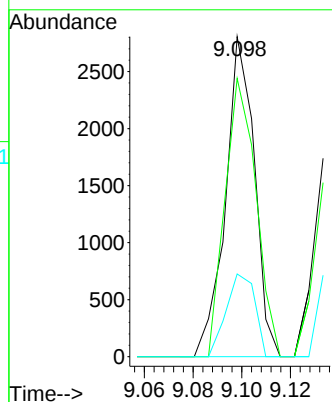
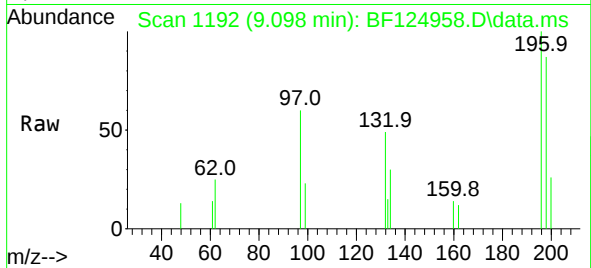




#43
2,4,6-Trichlorophenol
Concen: 8.006 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

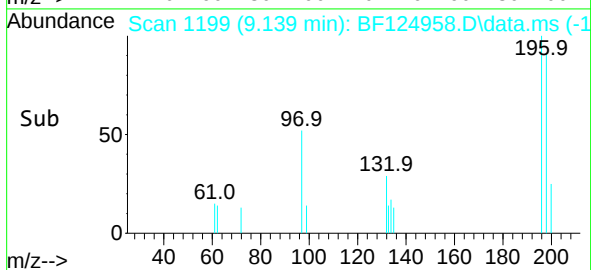
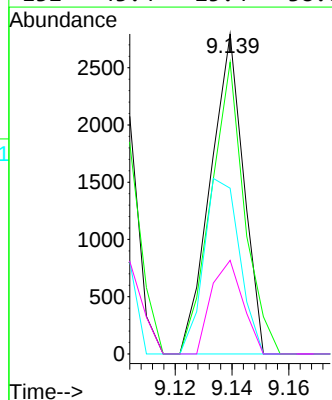
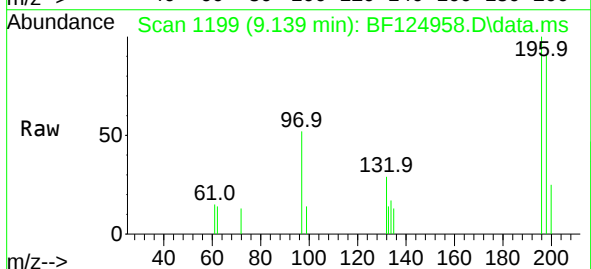
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

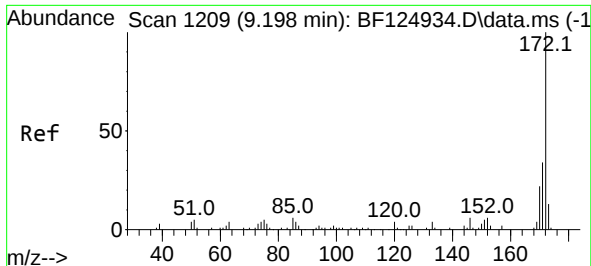
Tgt Ion:196 Resp: 2315
Ion Ratio Lower Upper
196 100
198 87.0 74.9 112.3
200 25.9 27.0 40.4#



#44
2,4,5-Trichlorophenol
Concen: 7.683 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:196 Resp: 2249
Ion Ratio Lower Upper
196 100
198 91.1 80.2 120.2
97 51.8 44.0 66.0
132 43.4 25.4 38.0#

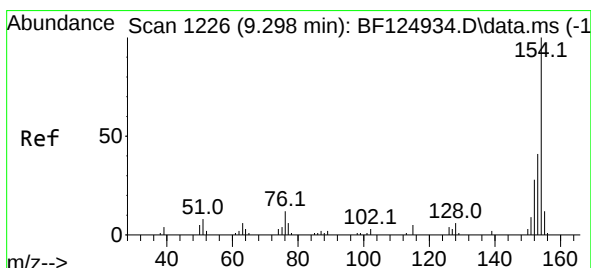
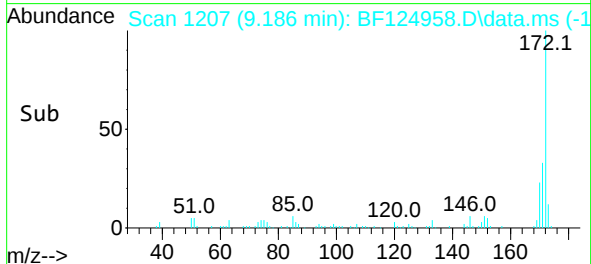
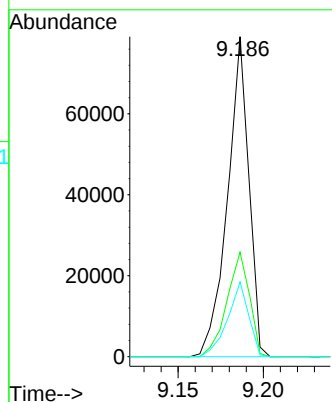
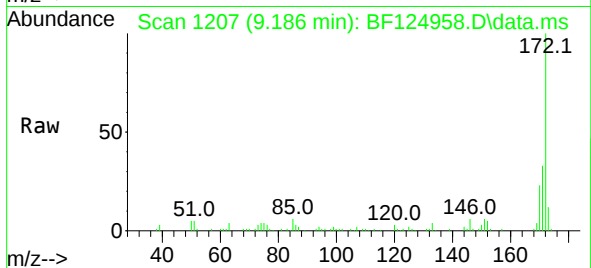




#45
2-Fluorobiphenyl
Concen: 66.276 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

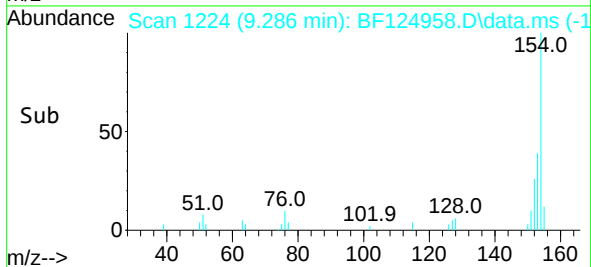
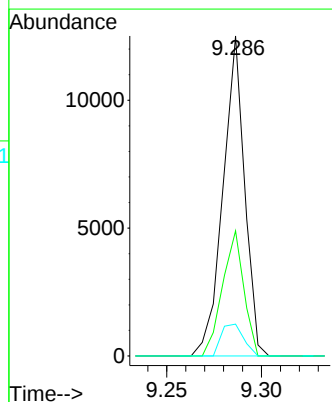
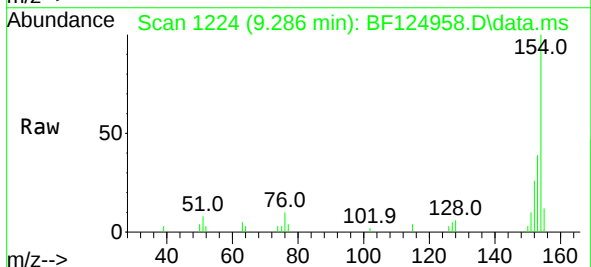
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

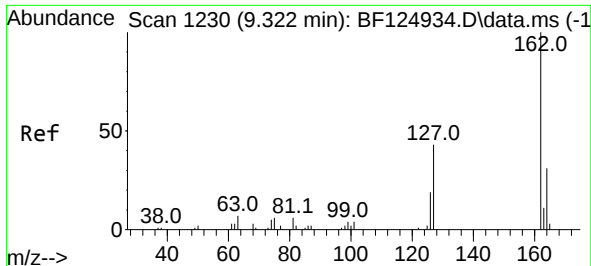
Tgt Ion:172 Resp: 68544
Ion Ratio Lower Upper
172 100
171 32.7 26.5 39.7
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.819 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:154 Resp: 9945
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 9.9 0.0 30.3

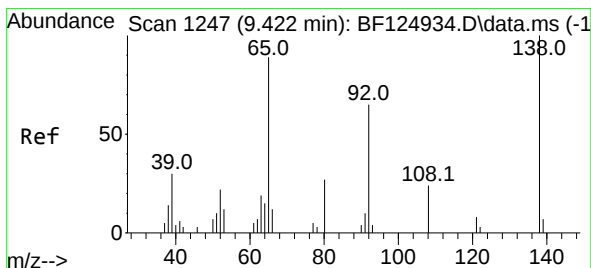
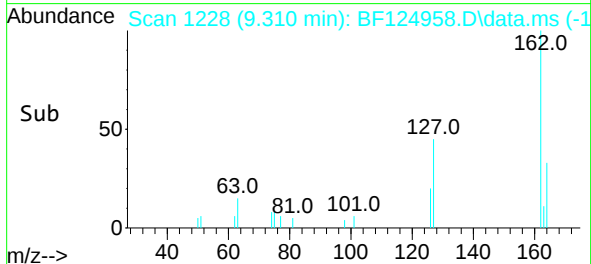
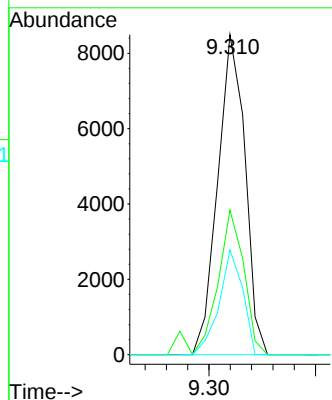
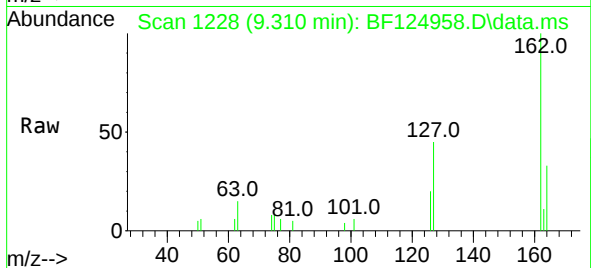




#47
2-Chloronaphthalene
Concen: 8.423 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

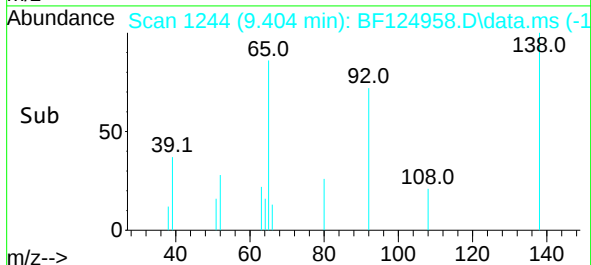
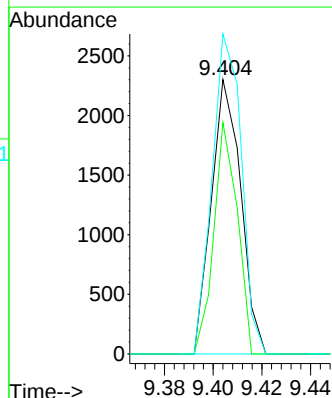
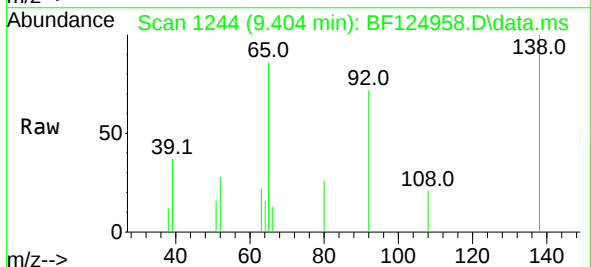
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

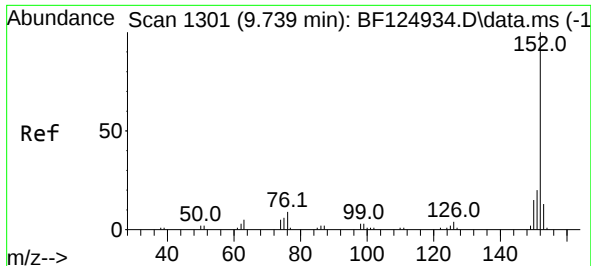
Tgt Ion:162 Resp: 7557
Ion Ratio Lower Upper
162 100
127 45.2 33.0 49.4
164 32.7 25.8 38.8



#48
2-Nitroaniline
Concen: 7.323 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion: 65 Resp: 1930
Ion Ratio Lower Upper
65 100
92 84.4 55.5 83.3#
138 116.6 93.5 140.3





#49

Acenaphthylene

Concen: 8.376 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

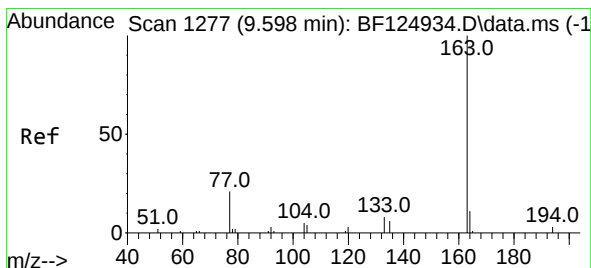
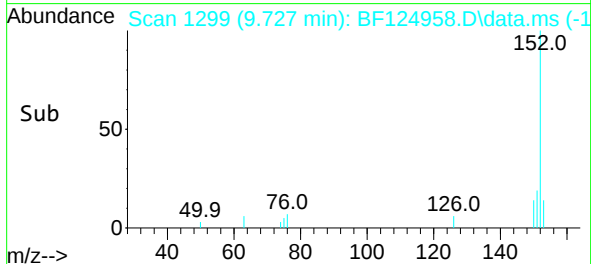
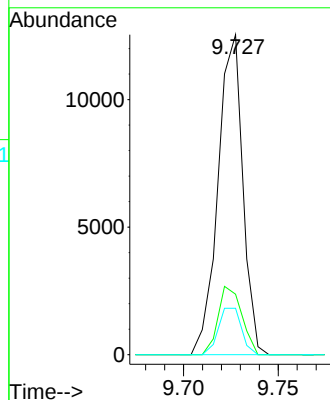
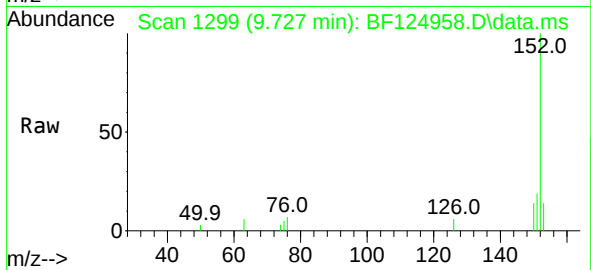
Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	152	Resp:	11415
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.7	23.5
153	14.5	9.8	14.8



#50

Dimethylphthalate

Concen: 8.627 ng

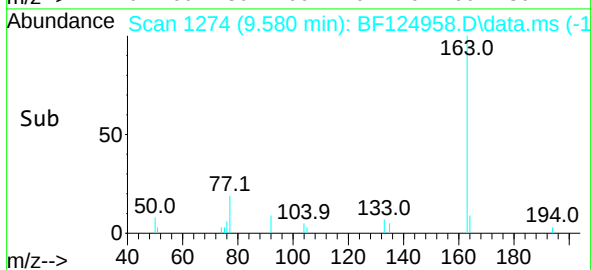
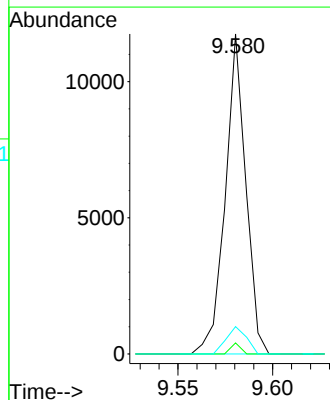
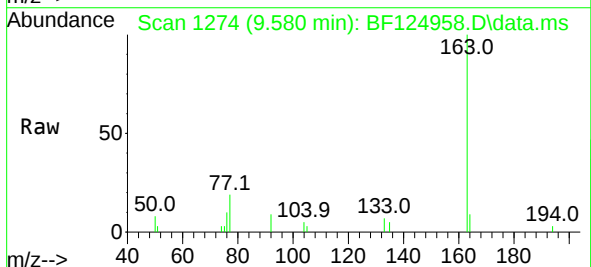
RT: 9.580 min Scan# 1274

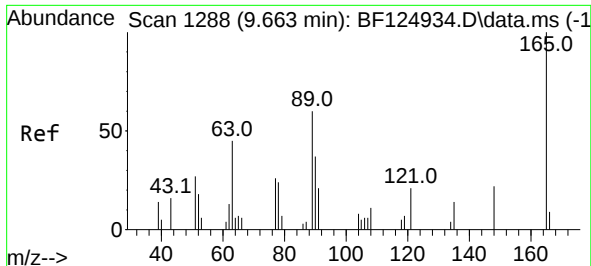
Delta R.T. -0.012 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

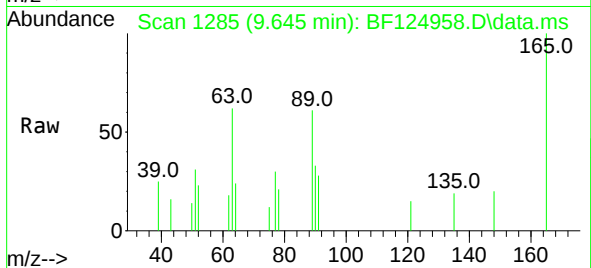
Tgt Ion:	163	Resp:	8847
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	3.8
164	8.6	7.4	11.0



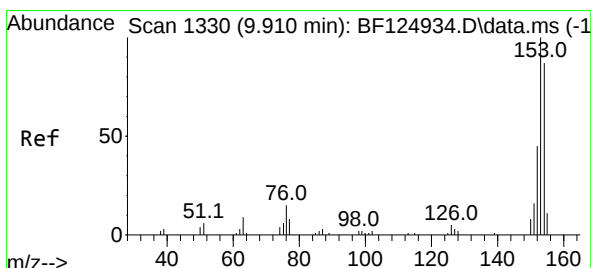
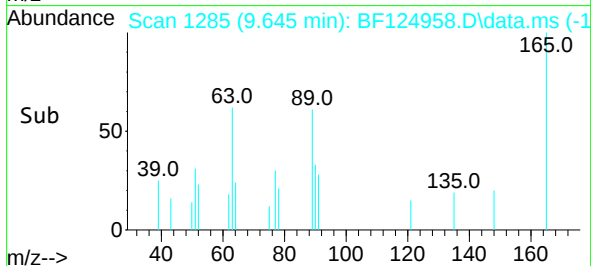
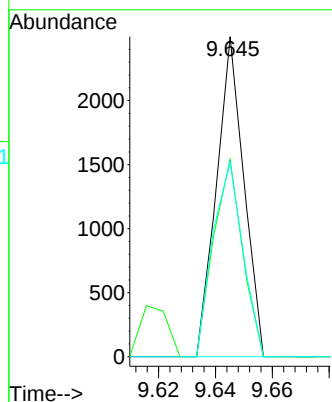


#51
2,6-Dinitrotoluene
Concen: 7.304 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

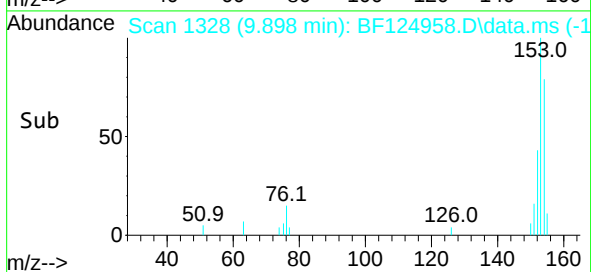
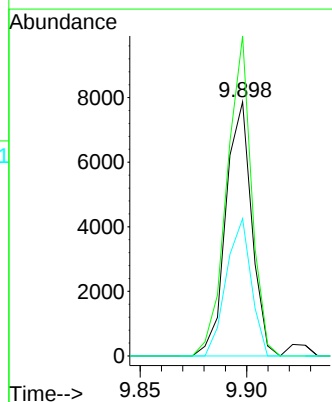
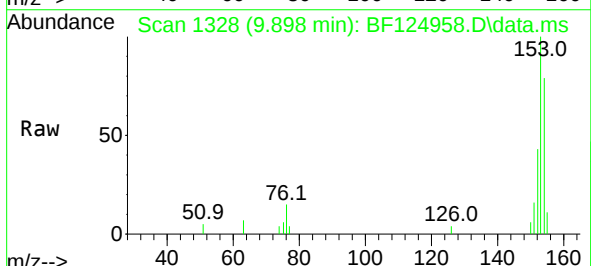


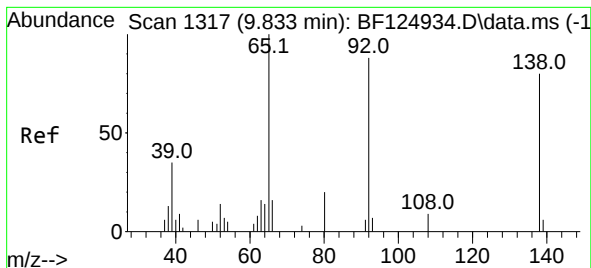
Tgt Ion:165 Resp: 1668
Ion Ratio Lower Upper
165 100
63 61.6 42.6 63.8
89 60.7 40.6 60.8



#52
Acenaphthene
Concen: 8.003 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:154 Resp: 6612
Ion Ratio Lower Upper
154 100
153 125.9 89.4 134.2
152 54.0 40.5 60.7

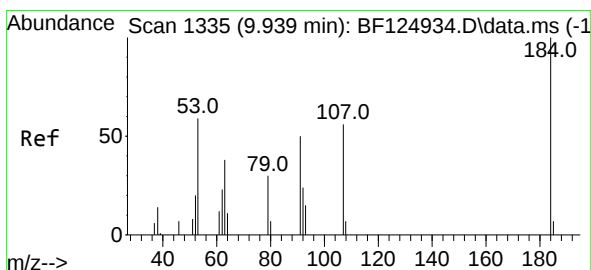
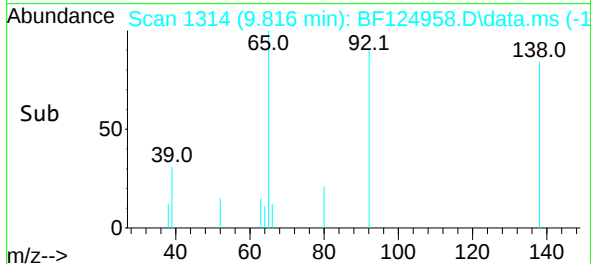
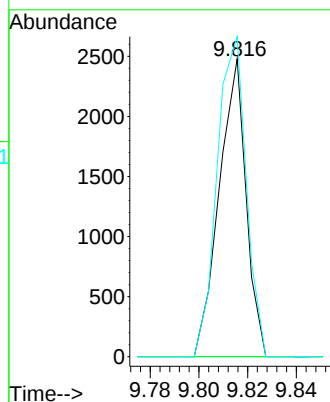
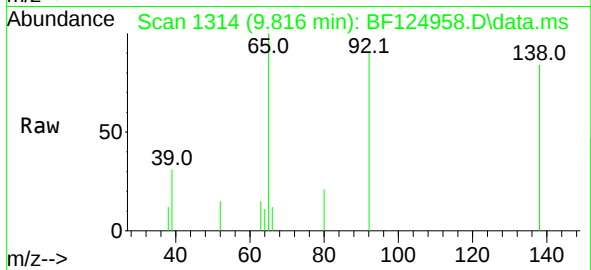




#53
3-Nitroaniline
Concen: 7.908 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

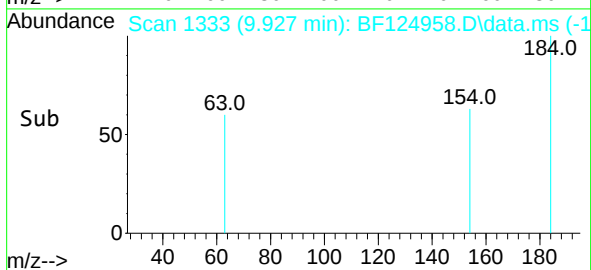
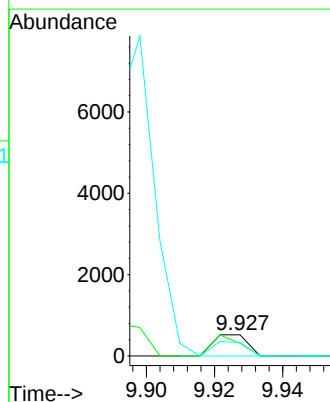
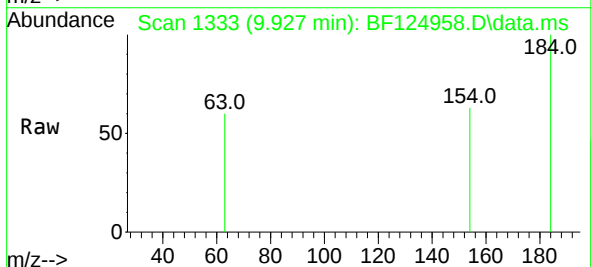
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

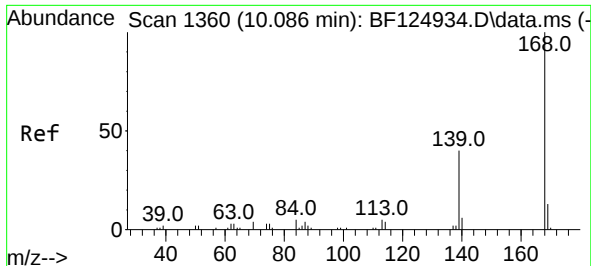
Tgt Ion:138 Resp: 1902
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 107.4 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 3.683 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

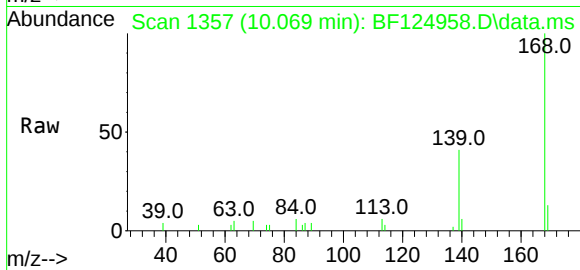
Tgt Ion:184 Resp: 367
Ion Ratio Lower Upper
184 100
63 59.5 59.3 88.9
154 63.3 68.6 102.8#



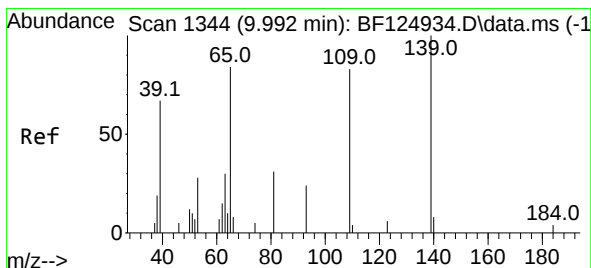
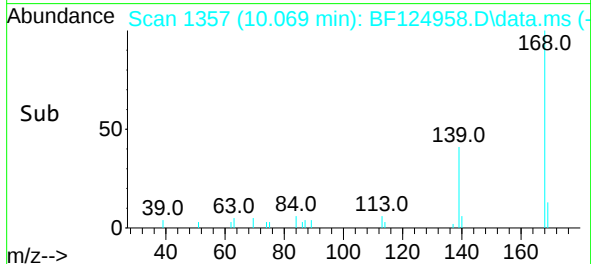
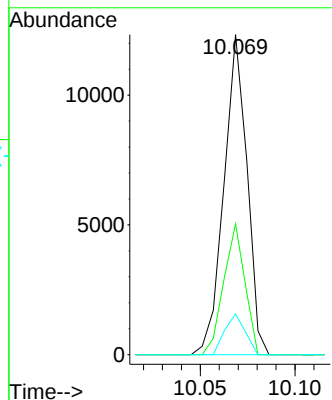


#55
Dibenzenofuran
Concen: 8.086 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

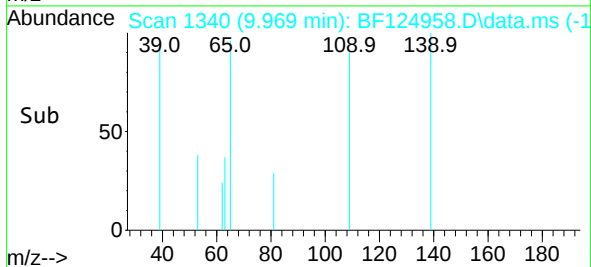
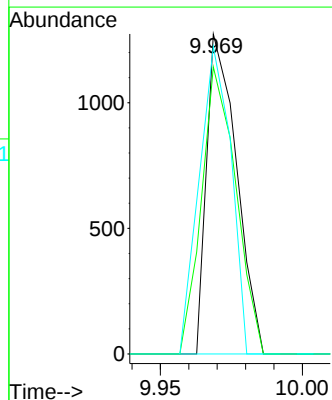
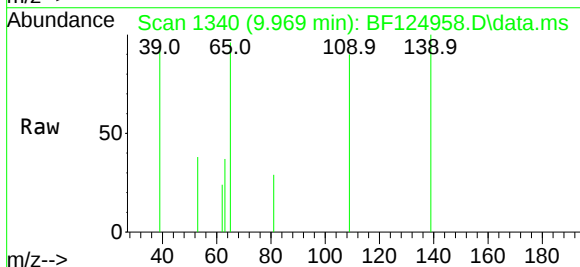


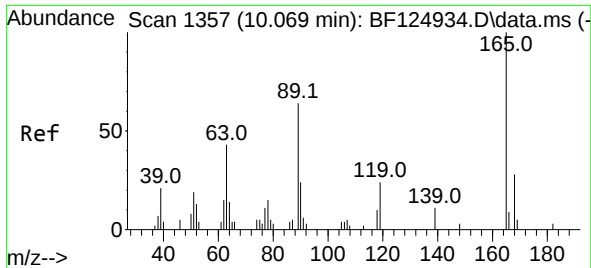
Tgt Ion:168 Resp: 10441
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 12.7 11.2 16.8



#56
4-Nitrophenol
Concen: 5.878 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:139 Resp: 932
Ion Ratio Lower Upper
139 100
109 89.7 60.4 100.4
65 96.1 58.4 98.4

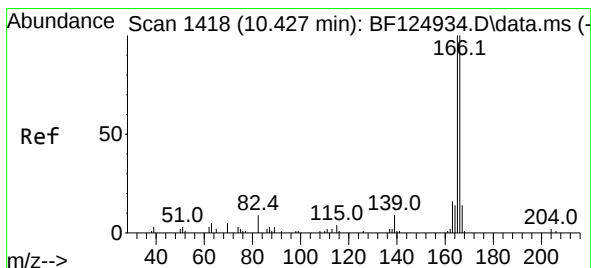
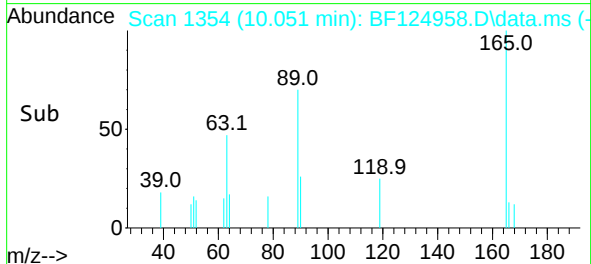
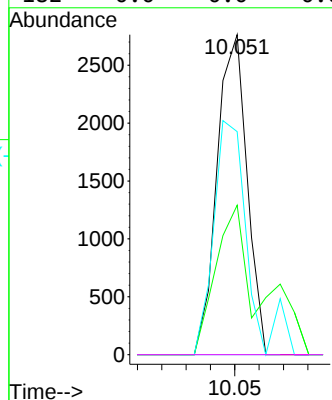
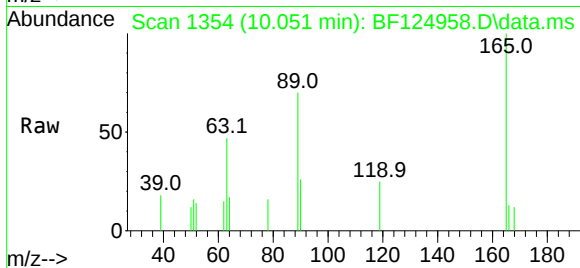




#57
2,4-Dinitrotoluene
Concen: 7.625 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

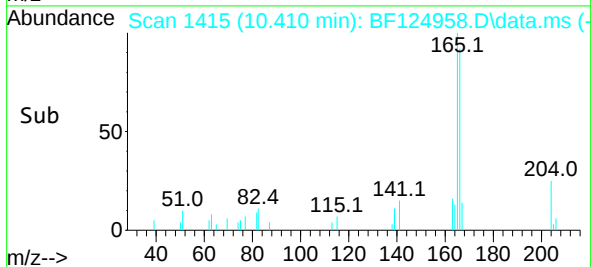
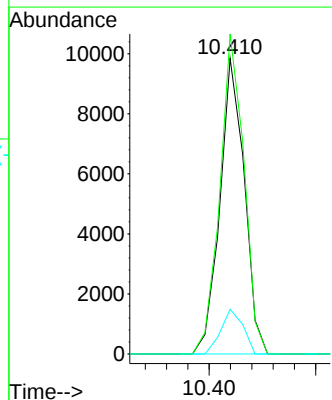
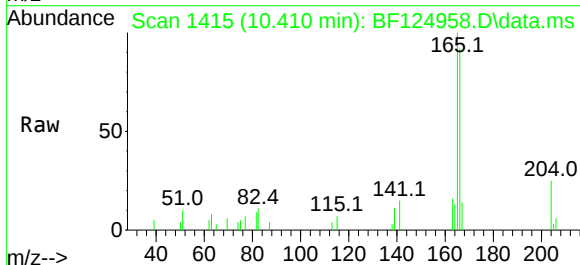
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

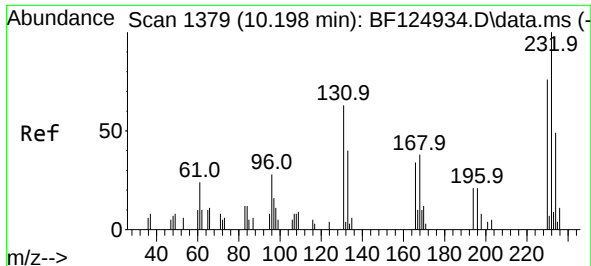
Tgt	Ion:165	Resp:	2364
Ion	Ratio	Lower	Upper
165	100		
63	46.7	40.9	61.3
89	69.7	59.7	89.5
182	0.0	0.0	0.0



#58
Fluorene
Concen: 7.898 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:166	Resp:	7819	
Ion	Ratio	Lower	Upper
166	100		
165	108.3	78.1	117.1
167	15.1	11.1	16.7

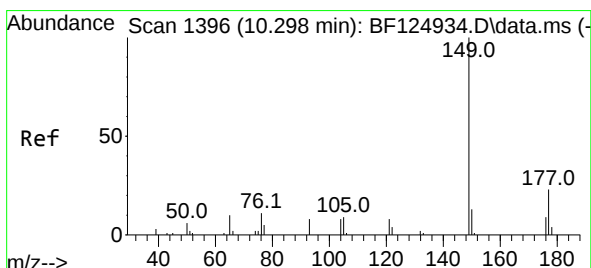
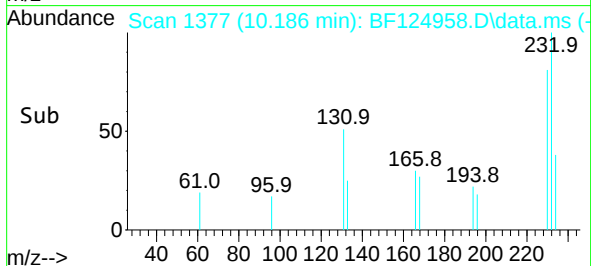
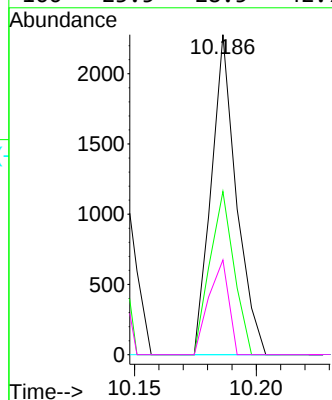
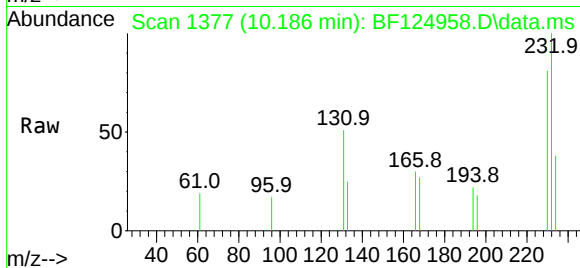




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.436 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

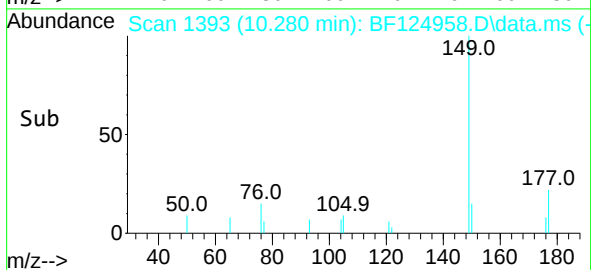
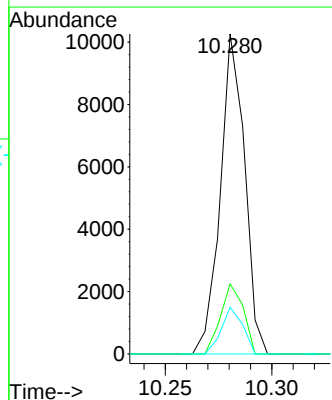
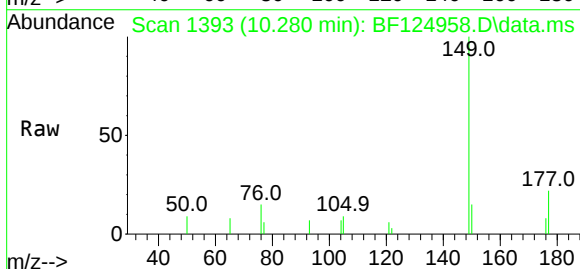
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

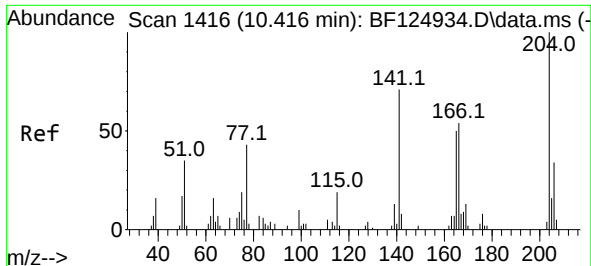
Tgt Ion:232	Resp:	1633
Ion Ratio	Lower	Upper
232	100	
131	48.7	45.4 68.0
130	0.0	0.0 0.0
166	23.5	28.5 42.7#



#60
Diethylphthalate
Concen: 7.740 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:149	Resp:	8146
Ion Ratio	Lower	Upper
149	100	
177	21.9	16.5 24.7
150	14.6	10.1 15.1

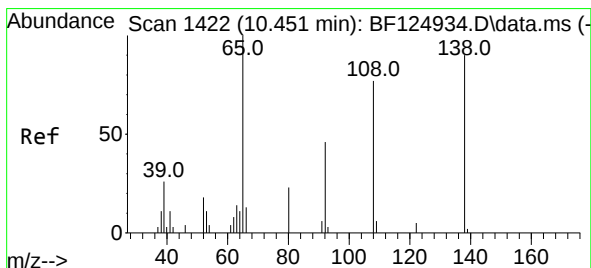
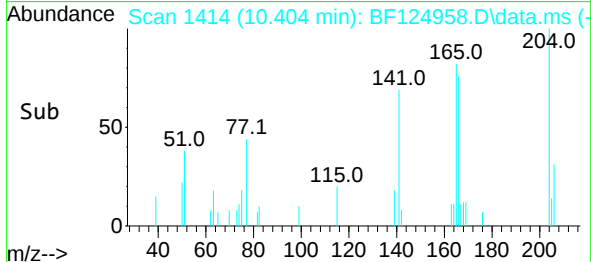
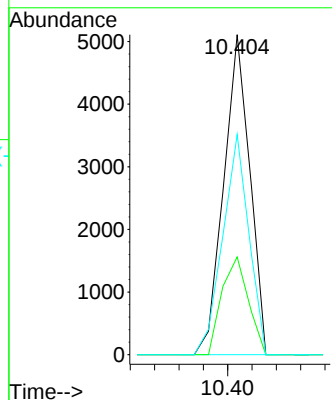
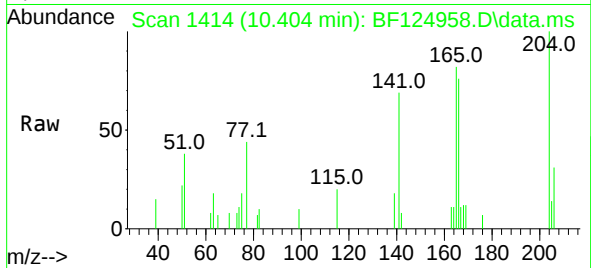




#61
4-Chlorophenyl-phenylether
Concen: 8.121 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

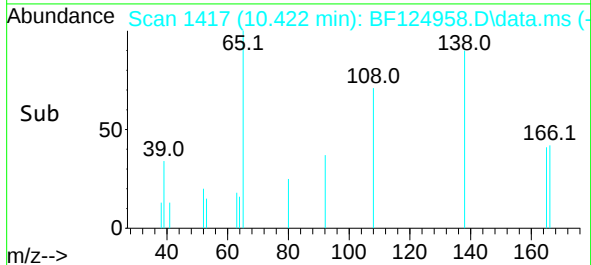
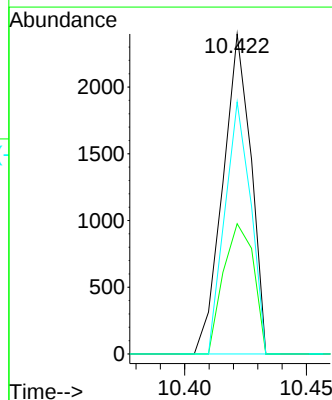
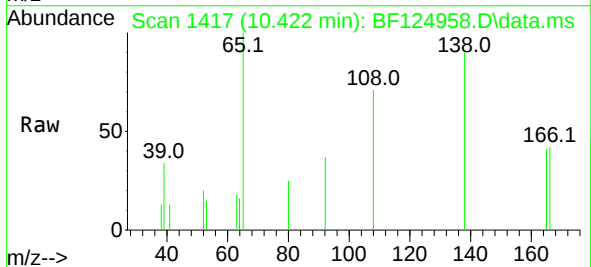
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

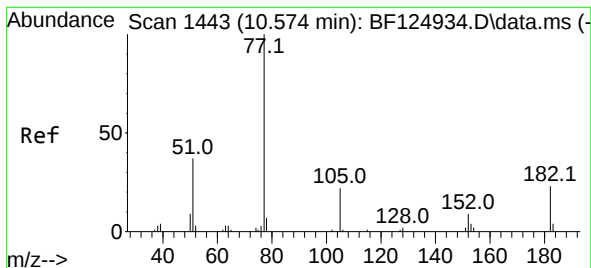
Tgt Ion:204 Resp: 3797
Ion Ratio Lower Upper
204 100
206 30.5 27.6 41.4
141 68.8 58.6 88.0



#62
4-Nitroaniline
Concen: 8.244 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:138 Resp: 1925
Ion Ratio Lower Upper
138 100
92 40.7 29.6 69.6
108 78.8 78.1 118.1

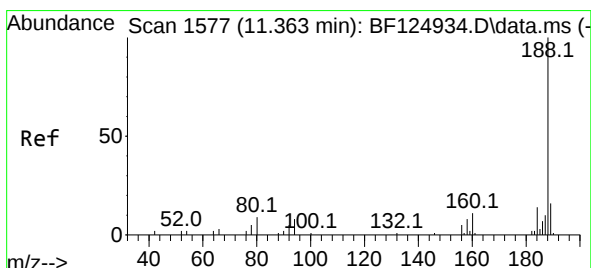
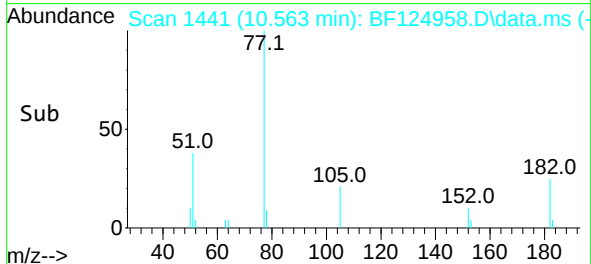
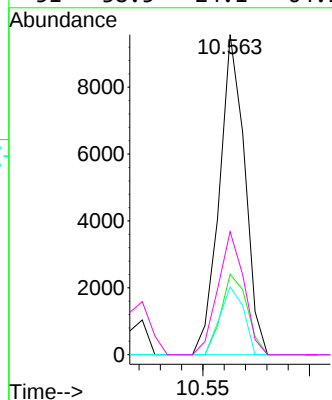
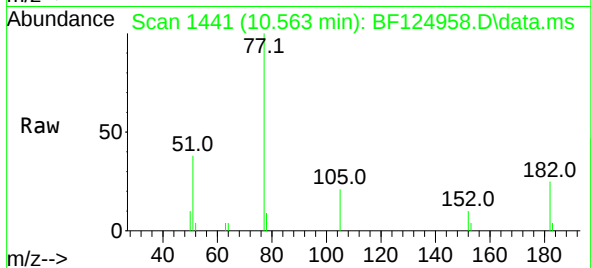




#63
Azobenzene
Concen: 7.701 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

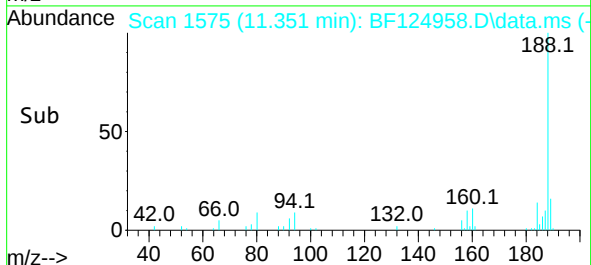
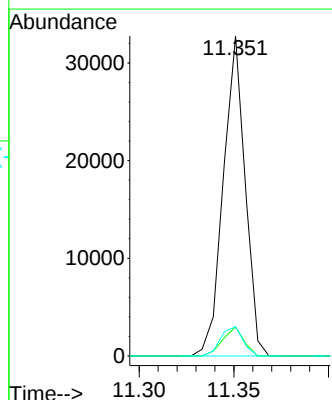
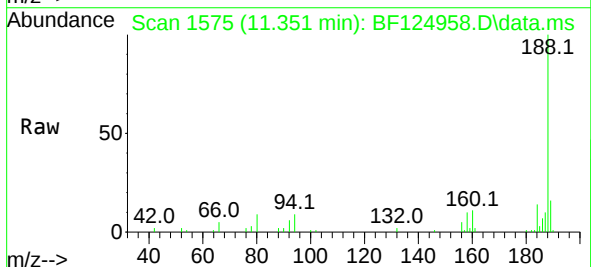
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

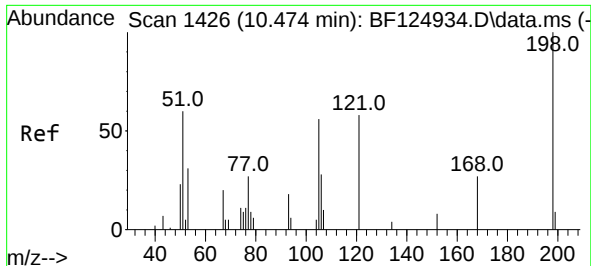
Tgt Ion: 77	Resp: 7925
Ion Ratio	Lower Upper
77 100	
182 25.2	6.3 46.3
105 21.2	2.9 42.9
51 38.5	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:188	Resp:	26286	
Ion Ratio	Lower	Upper	
188 100			
94 9.1	6.7	10.1	
80 9.1	7.5	11.3	

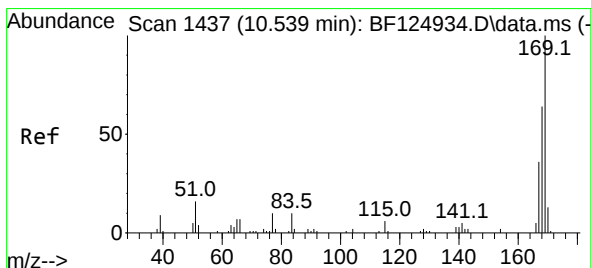
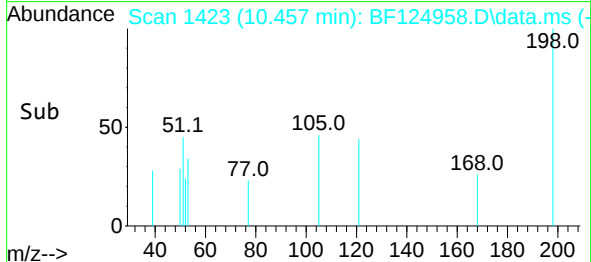
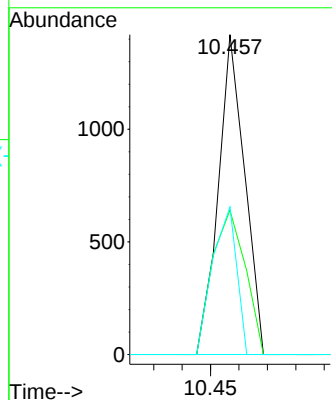
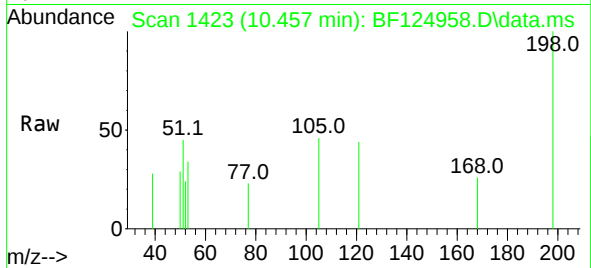




#65
4,6-Dinitro-2-methylphenol
Concen: 5.556 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

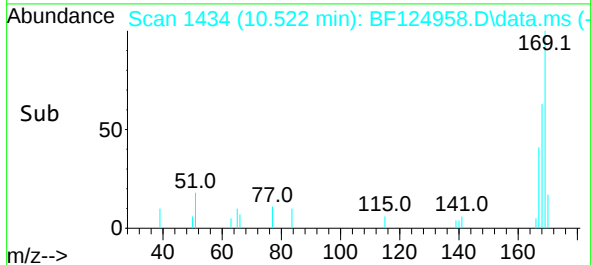
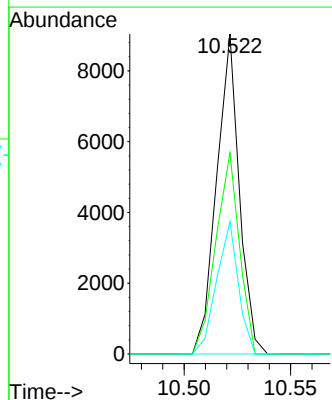
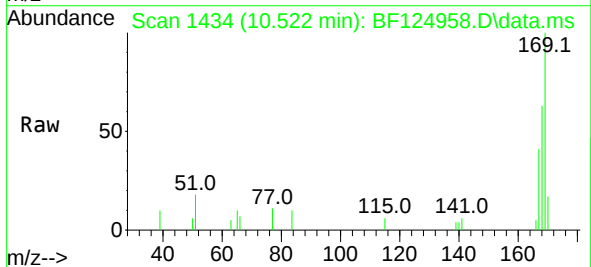
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

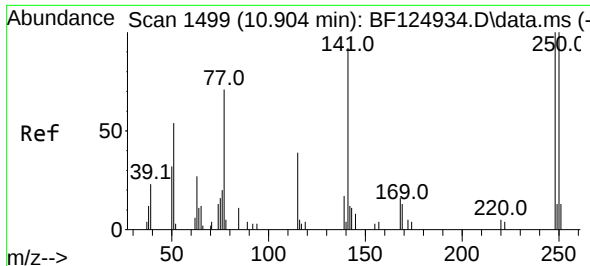
Tgt Ion:198 Resp: 915
Ion Ratio Lower Upper
198 100
51 45.1 45.3 85.3#
105 46.1 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 7.861 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:169 Resp: 6697
Ion Ratio Lower Upper
169 100
168 62.9 50.8 76.2
167 41.4 28.8 43.2

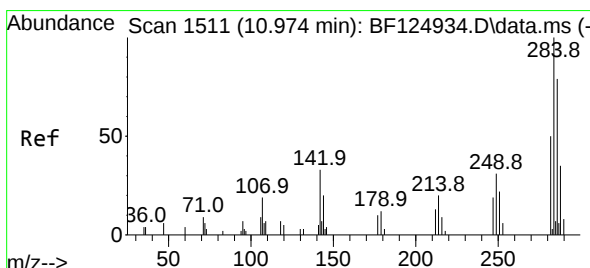
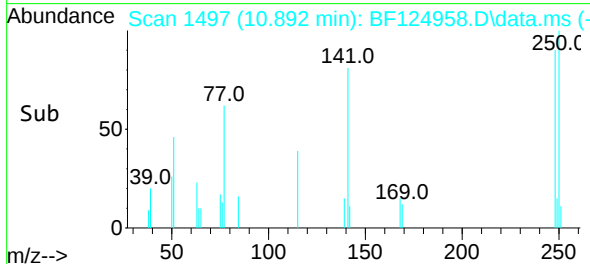
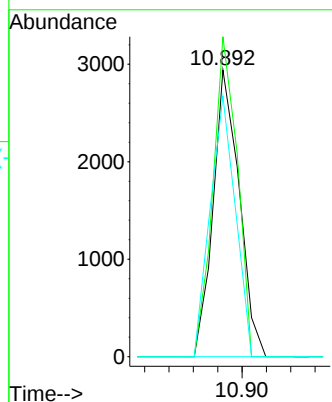
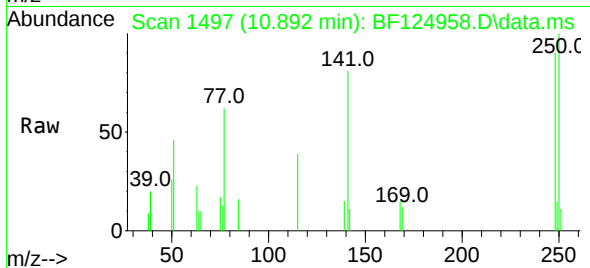




#67
4-Bromophenyl-phenylether
Concen: 7.603 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

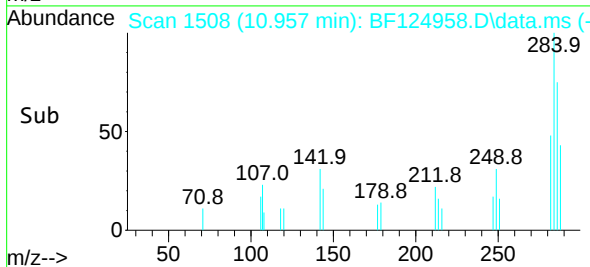
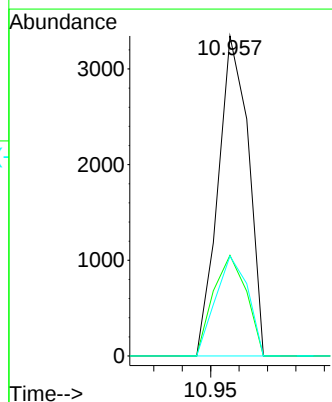
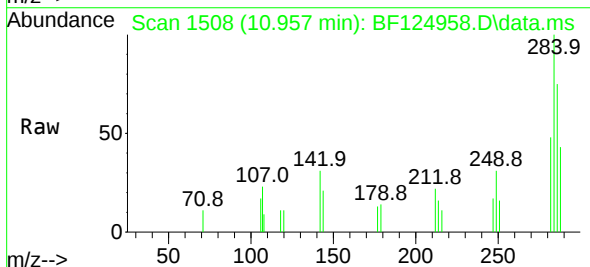
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

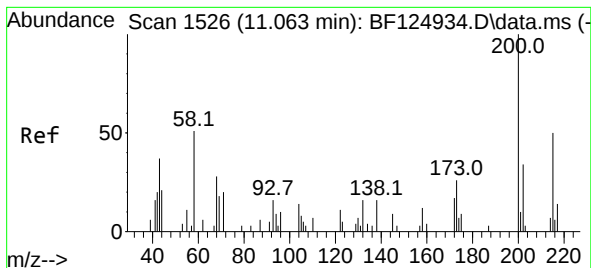
Tgt Ion:248 Resp: 2189
Ion Ratio Lower Upper
248 100
250 111.6 74.2 111.4#
141 90.8 60.4 90.6#



#68
Hexachlorobenzene
Concen: 7.889 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:284 Resp: 2471
Ion Ratio Lower Upper
284 100
142 31.5 36.4 54.6#
249 31.2 25.6 38.4





#69

Atrazine

Concen: 9.293 ng

RT: 11.045 min Scan# 1523

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

Tgt Ion:200 Resp: 2379

Ion Ratio Lower Upper

200 100

173 29.6 11.1 51.1

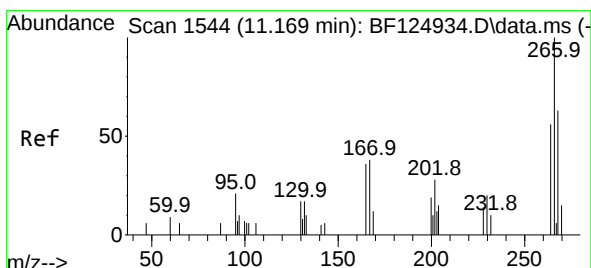
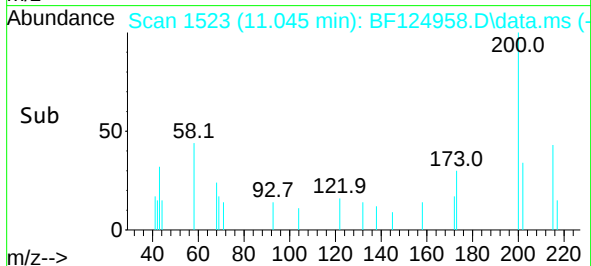
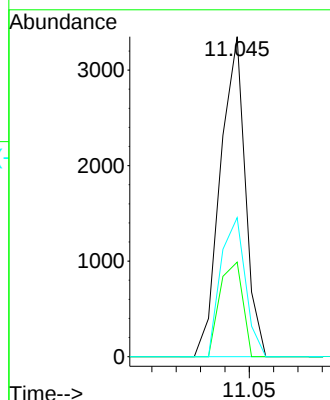
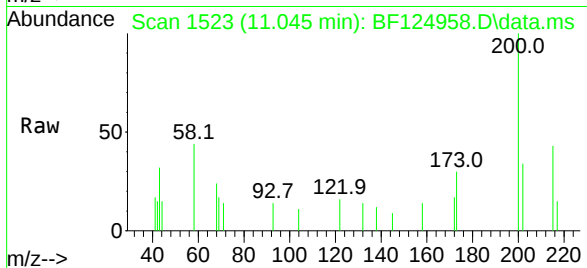
215 43.5 22.7 62.7

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021



#70

Pentachlorophenol

Concen: 4.257 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

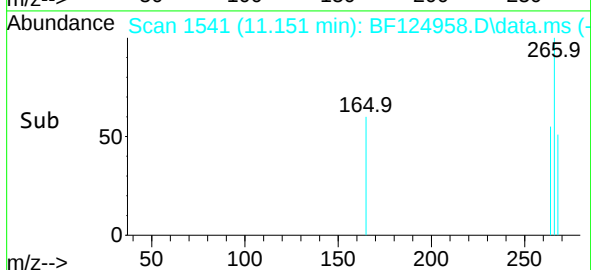
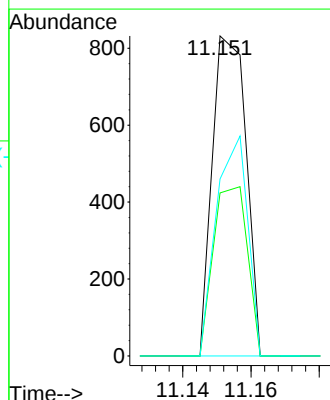
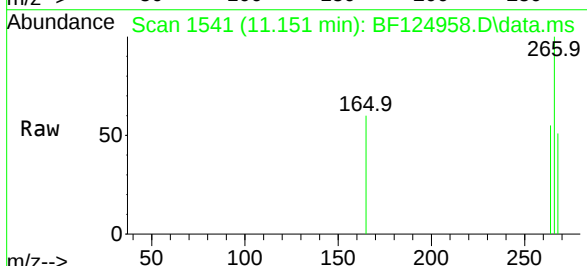
Tgt Ion:266 Resp: 570

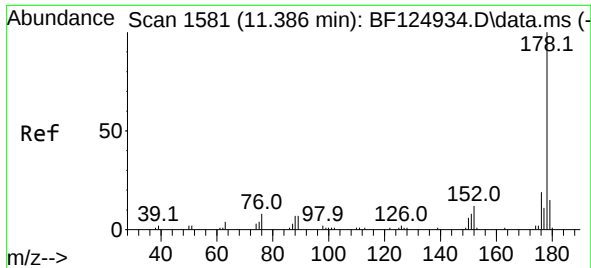
Ion Ratio Lower Upper

266 100

268 51.0 48.9 73.3

264 55.3 55.9 83.9#

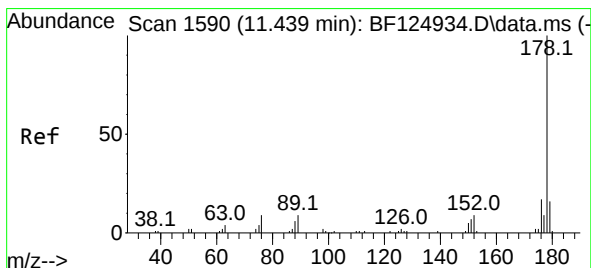
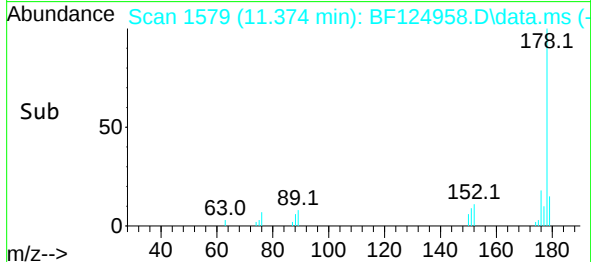
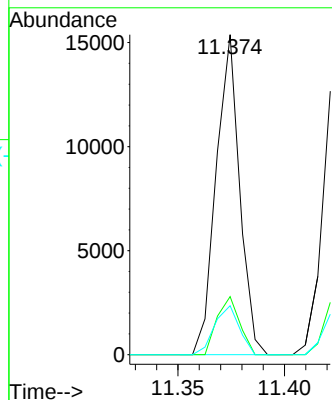
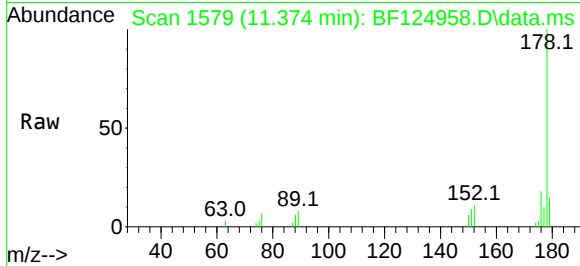




#71
Phenanthrene
Concen: 8.267 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

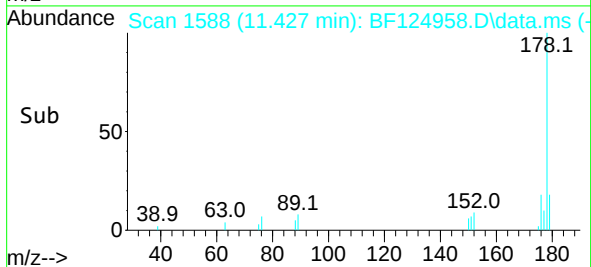
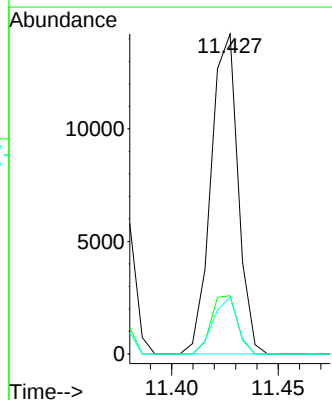
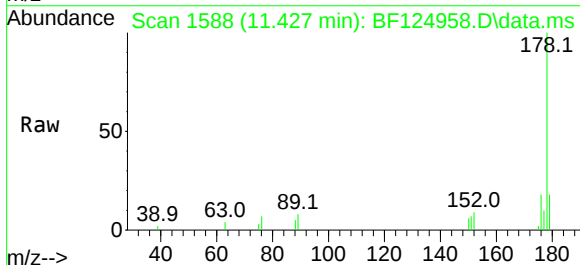
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

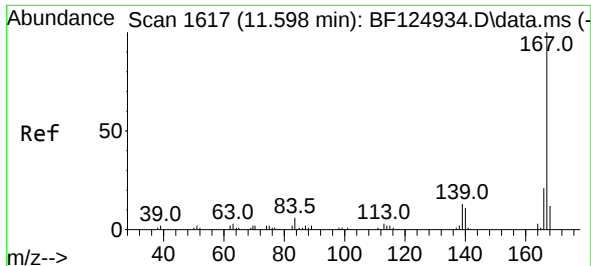
Tgt Ion:178 Resp: 11788
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 11.5 17.3



#72
Anthracene
Concen: 8.778 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:178 Resp: 12557
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 17.8 12.2 18.4

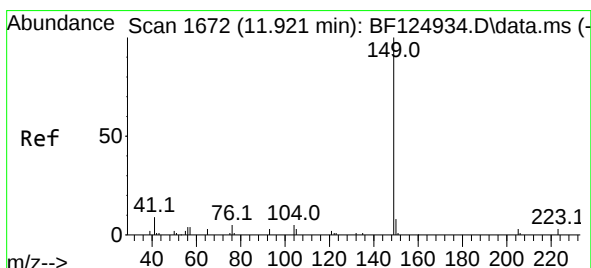
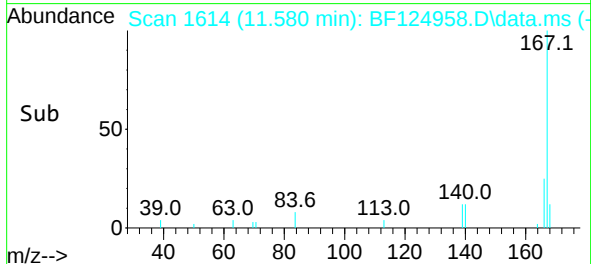
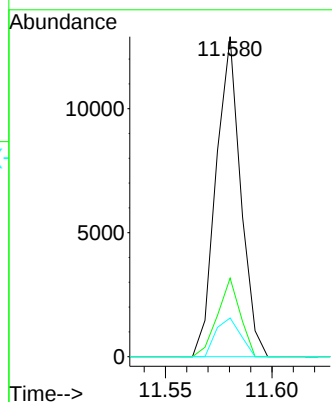
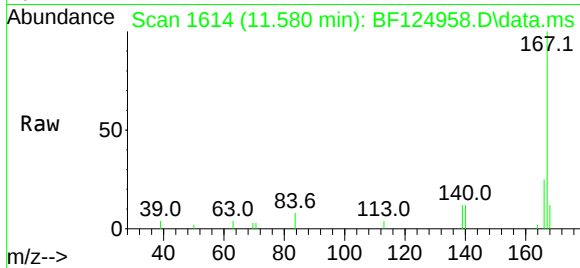




#73
Carbazole
Concen: 7.891 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

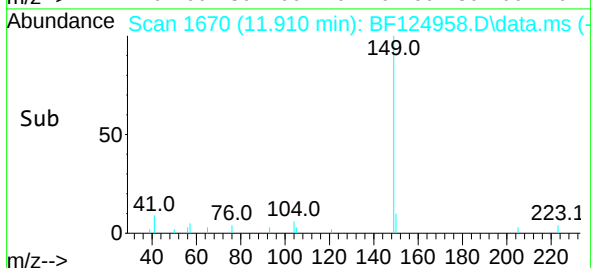
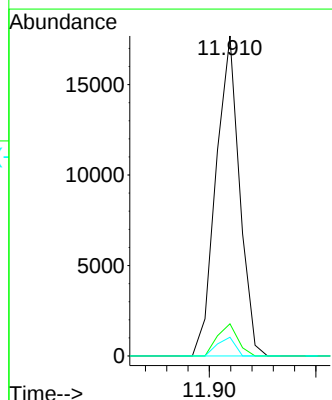
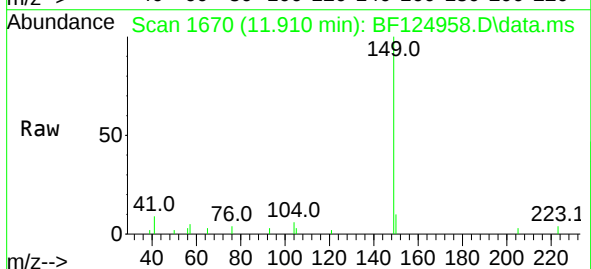
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

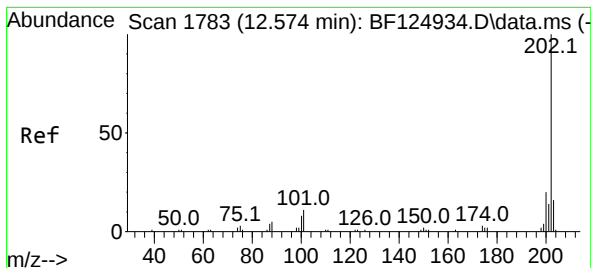
Tgt Ion:167 Resp: 10352
Ion Ratio Lower Upper
167 100
166 24.5 17.4 26.0
139 12.1 11.0 16.4



#74
Di-n-butylphthalate
Concen: 8.138 ng
RT: 11.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:149 Resp: 13568
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.2
104 5.8 4.1 6.1

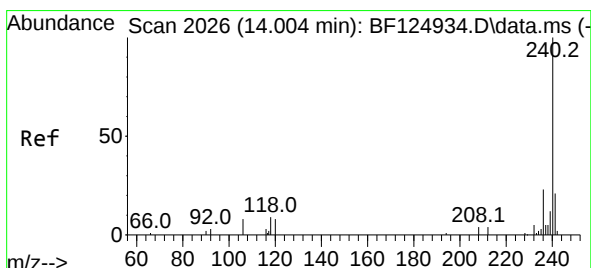
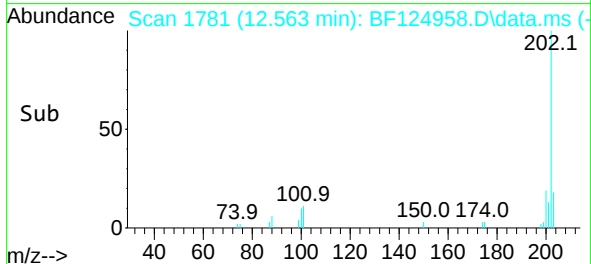
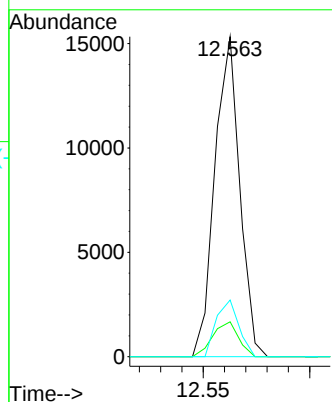
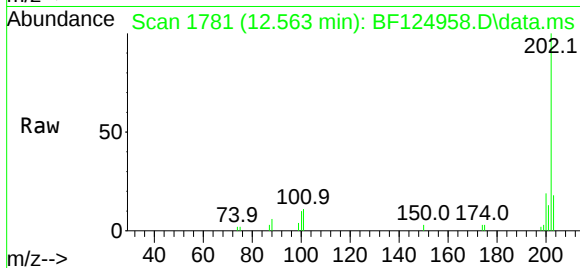




#75
Fluoranthene
Concen: 8.429 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

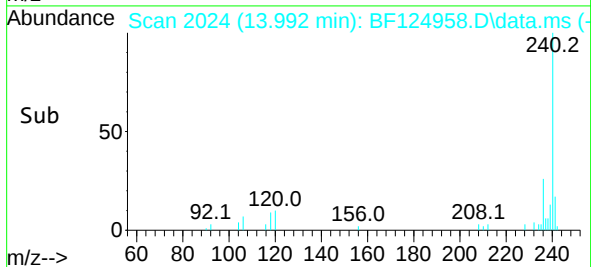
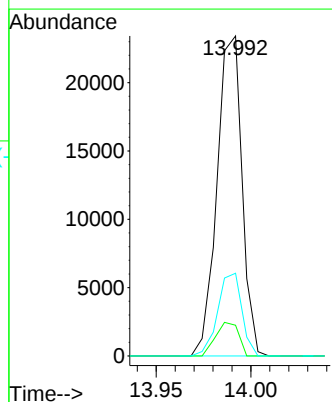
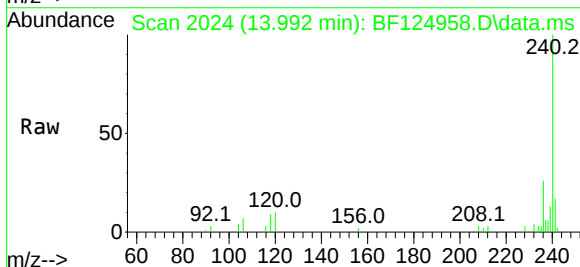
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

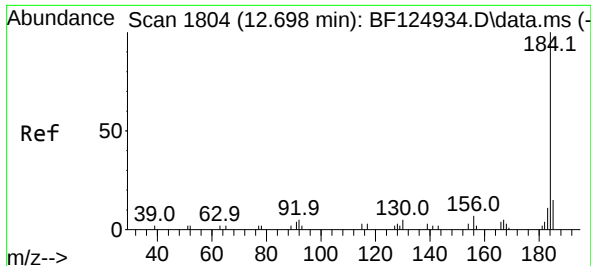
Tgt Ion:202 Resp: 12434
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:240 Resp: 21516
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.9 21.6 32.4

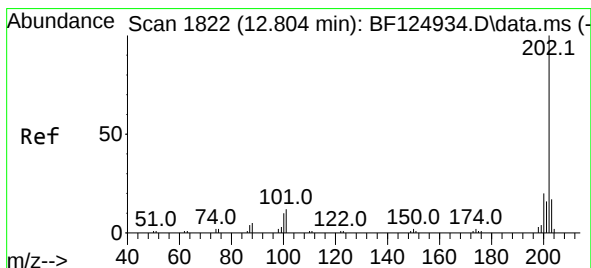
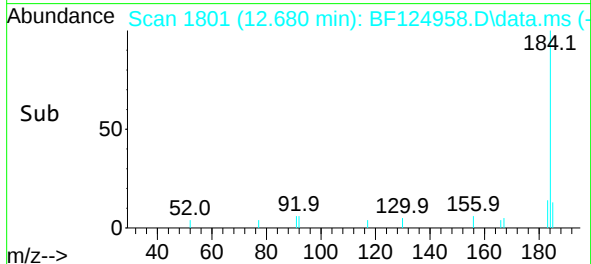
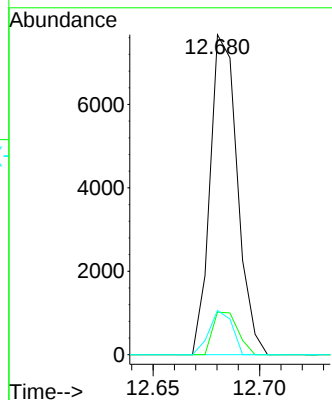
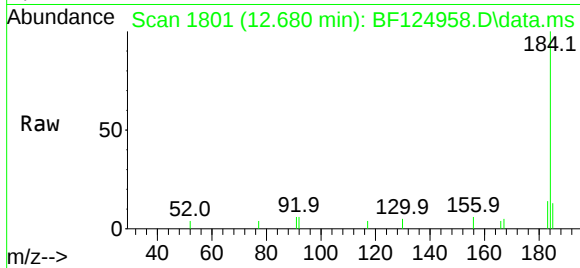




#77
Benzidine
Concen: 11.914 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

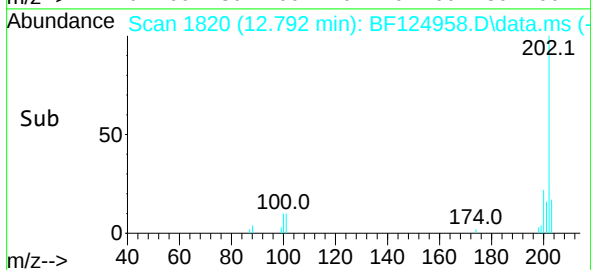
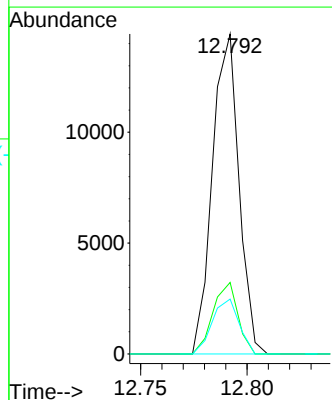
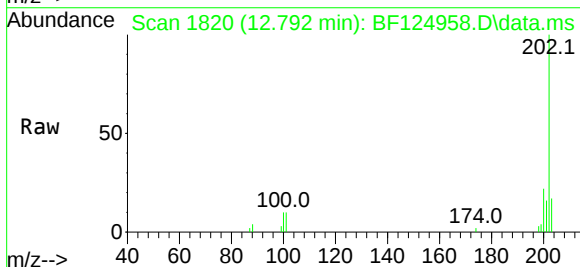
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

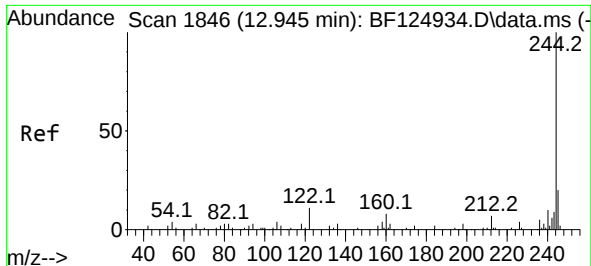
Tgt Ion:184 Resp: 6859
Ion Ratio Lower Upper
184 100
185 13.3 10.8 16.2
183 13.8 8.1 12.1#



#78
Pyrene
Concen: 7.365 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

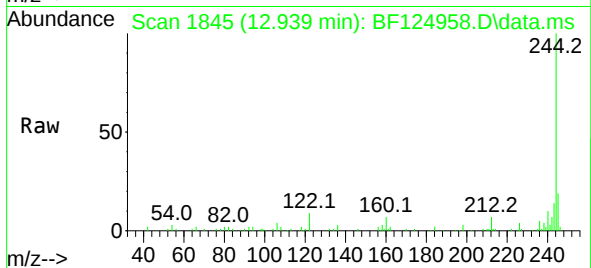
Tgt Ion:202 Resp: 12481
Ion Ratio Lower Upper
202 100
200 22.4 15.3 22.9
203 17.2 13.4 20.0



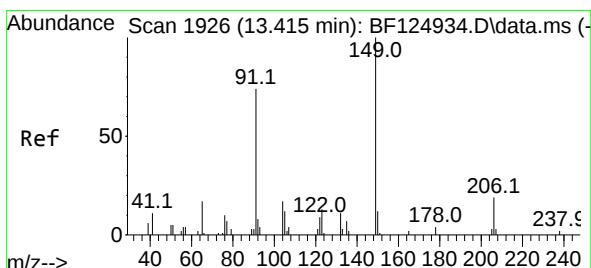
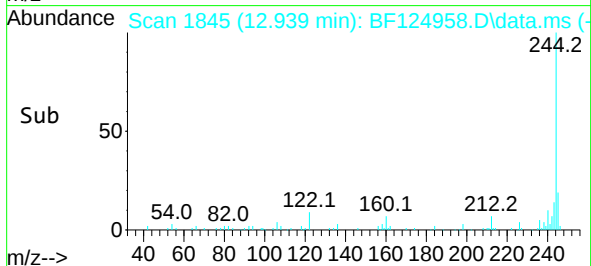
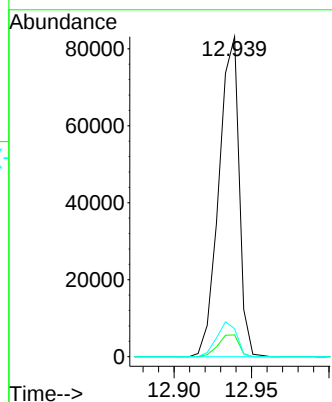


#79
 Terphenyl-d14
 Concen: 59.056 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

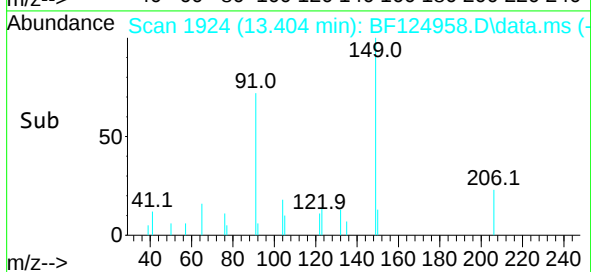
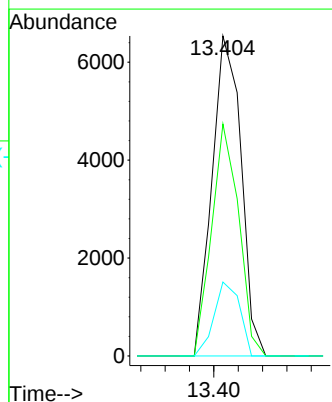
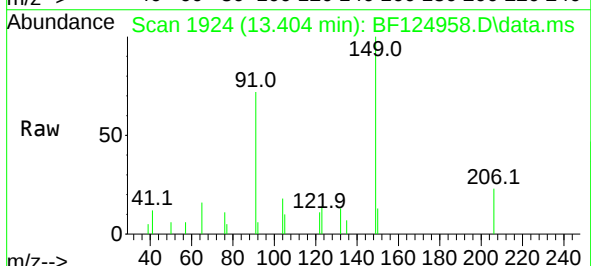


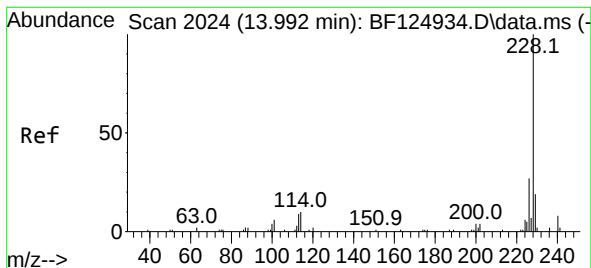
Tgt Ion:244 Resp: 75328
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.8 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 7.188 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF124958.D
 Acq: 6 Aug 2021 11:27

Tgt Ion:149 Resp: 5421
 Ion Ratio Lower Upper
 149 100
 91 72.5 51.8 77.8
 206 23.1 14.5 21.7#

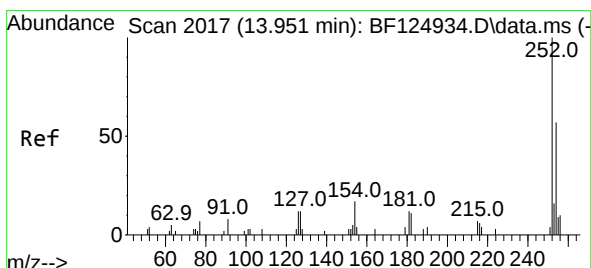
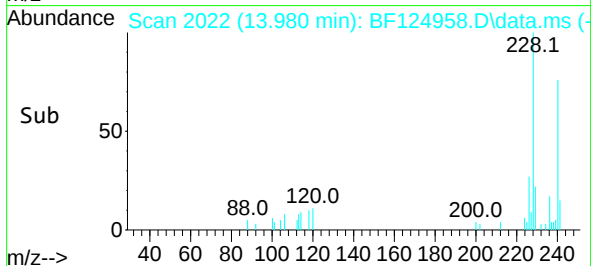
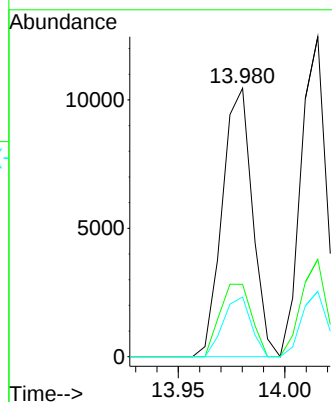
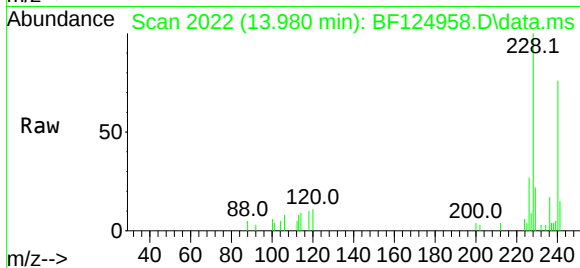




#81
Benzo(a)anthracene
Concen: 7.342 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

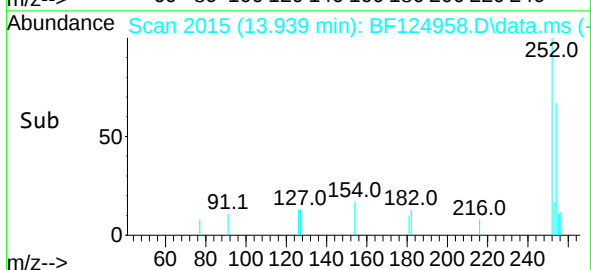
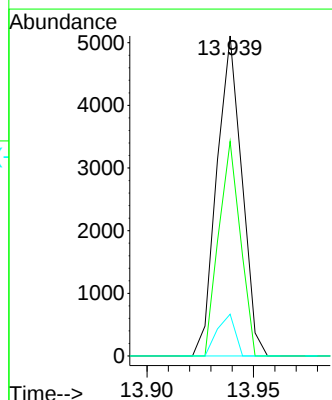
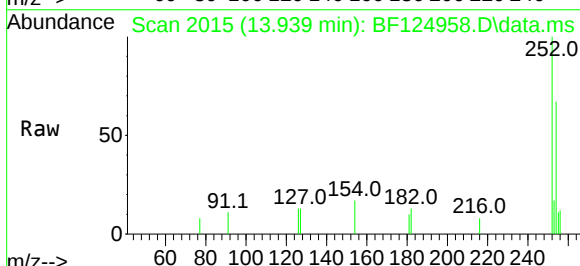
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

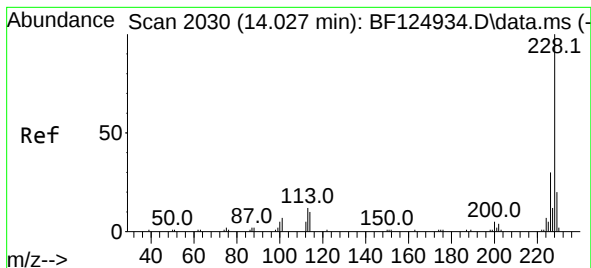
Tgt Ion:228 Resp: 10294
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 22.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 11.308 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:252 Resp: 4180
Ion Ratio Lower Upper
252 100
254 67.1 51.4 77.0
126 13.1 9.5 14.3





#83

Chrysene

Concen: 7.629 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

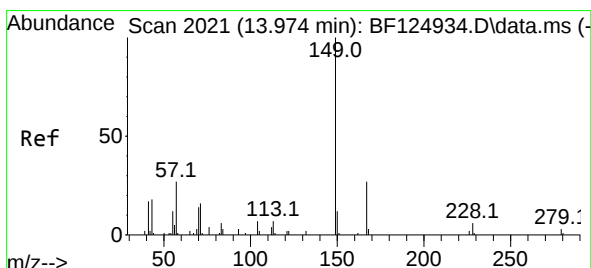
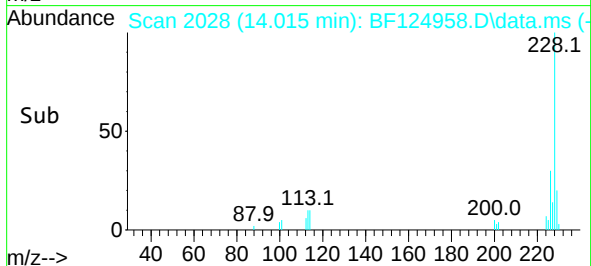
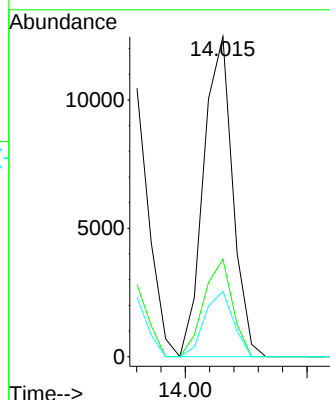
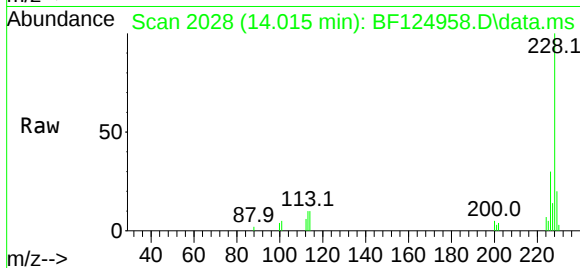
Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:228	Resp: 10341
Ion Ratio	Lower Upper
228 100	
226 30.5	22.6 34.0
229 20.5	15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.581 ng

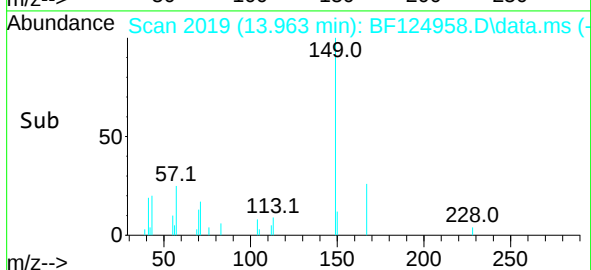
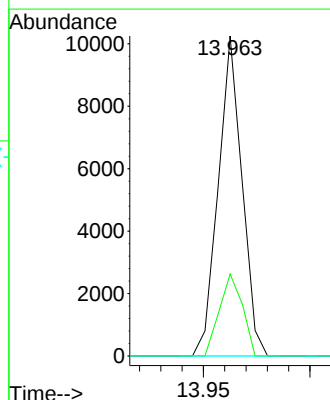
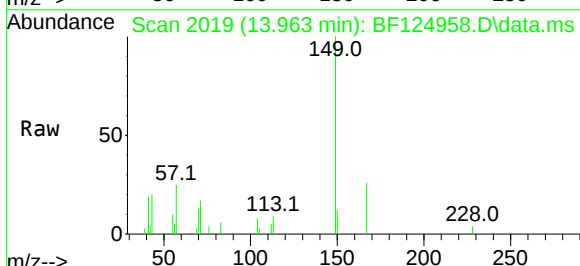
RT: 13.963 min Scan# 2019

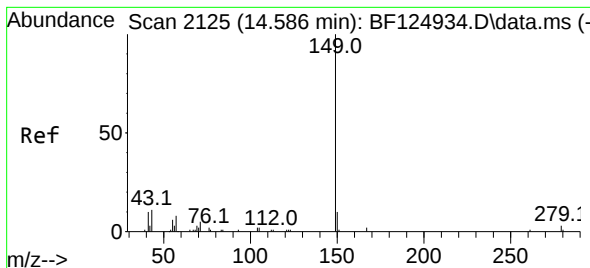
Delta R.T. 0.000 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

Tgt Ion:149	Resp: 7932
Ion Ratio	Lower Upper
149 100	
167 25.6	21.4 32.0
279 0.0	2.6 4.0#

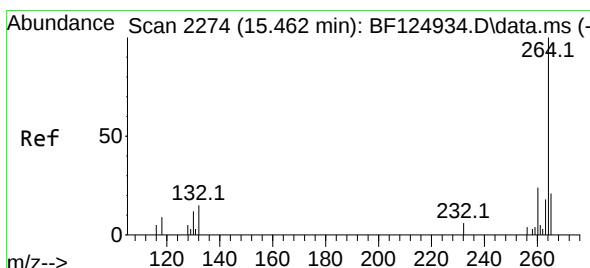
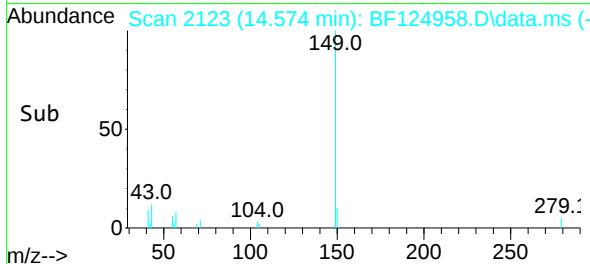
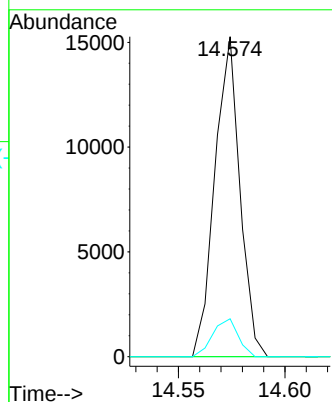
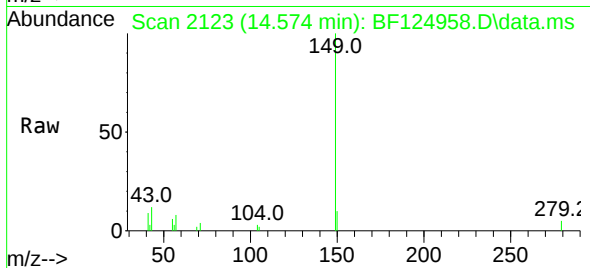




#85
Di-n-octyl phthalate
Concen: 7.559 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

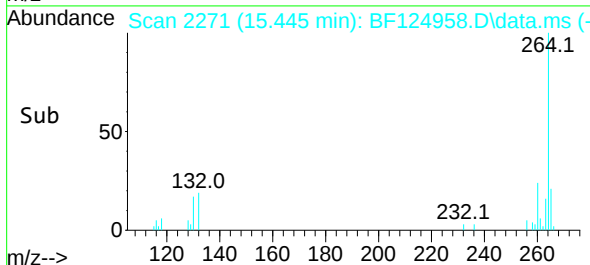
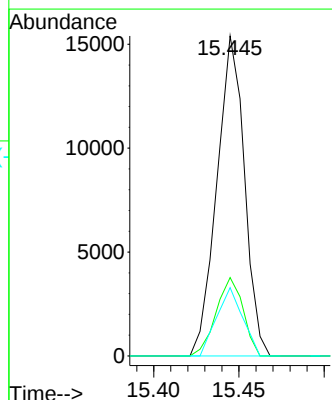
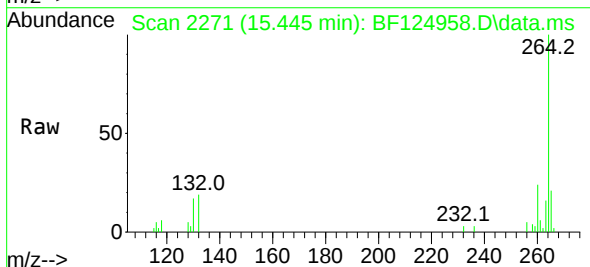
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

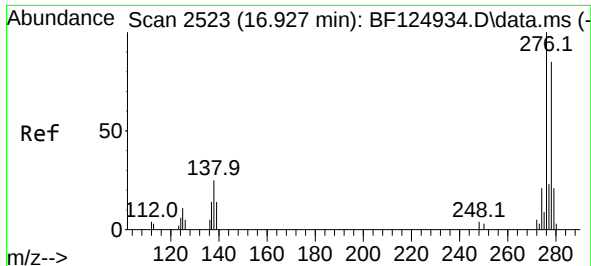
Tgt Ion:149 Resp: 12477
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 12.0 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:264 Resp: 17321
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.4 17.2 25.8

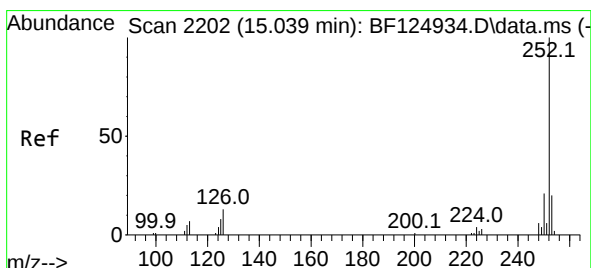
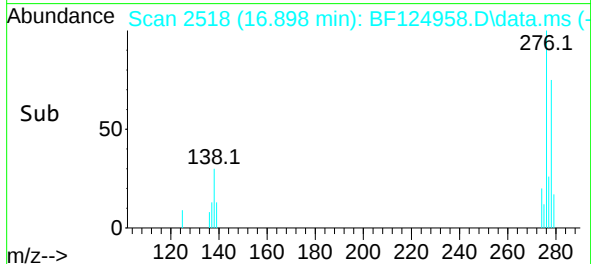
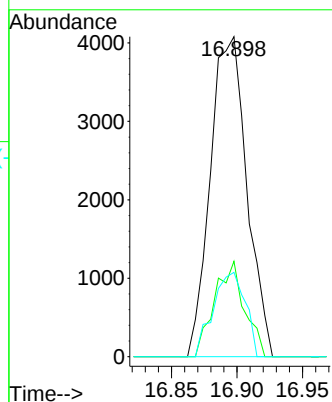
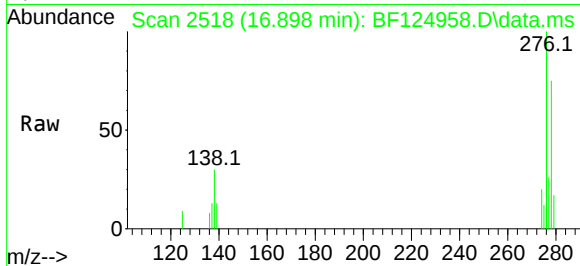




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.649 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

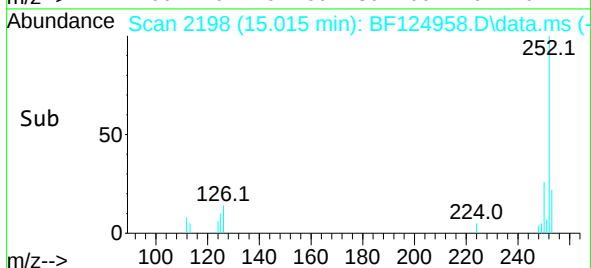
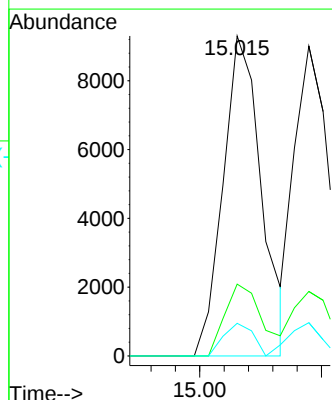
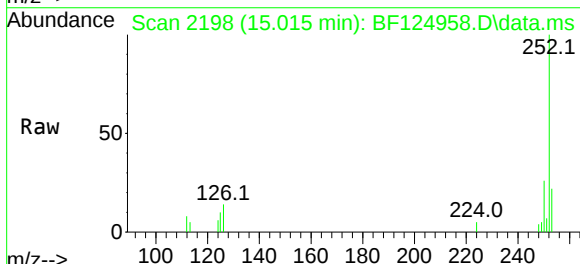
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

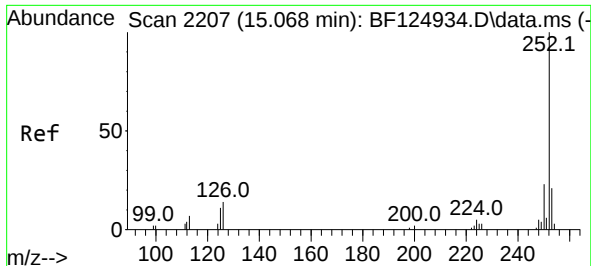
Tgt Ion:276 Resp: 7890
Ion Ratio Lower Upper
276 100
138 24.5 24.1 36.1
277 23.3 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 8.389 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:252 Resp: 10203
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 10.2 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 8.069 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

Tgt Ion:252 Resp: 8927

Ion Ratio Lower Upper

252 100

253 20.8 17.8 26.8

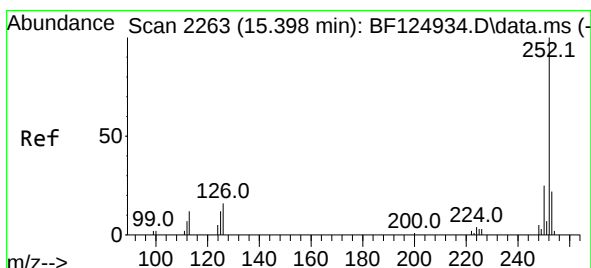
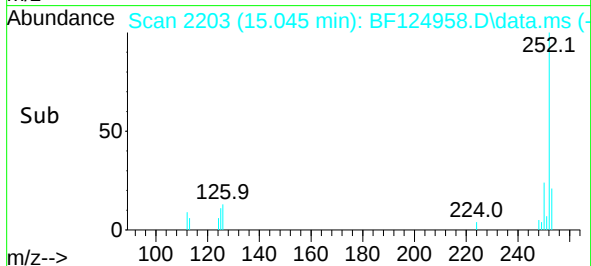
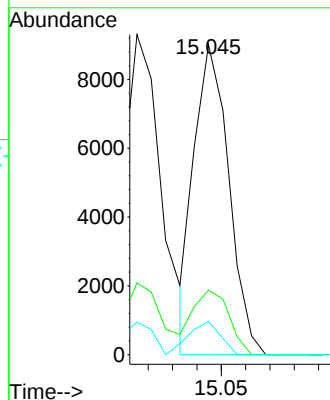
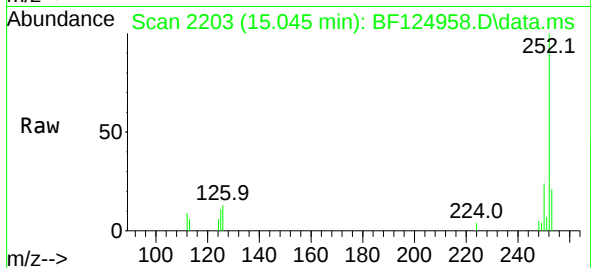
125 10.8 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT2-2021



#90

Benzo(a)pyrene

Concen: 8.415 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF124958.D

Acq: 6 Aug 2021 11:27

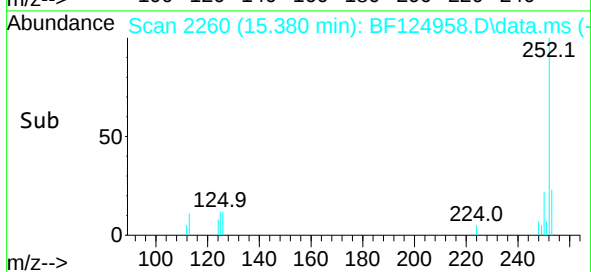
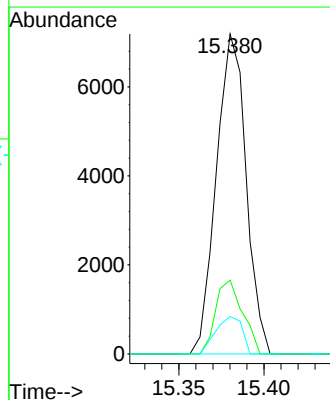
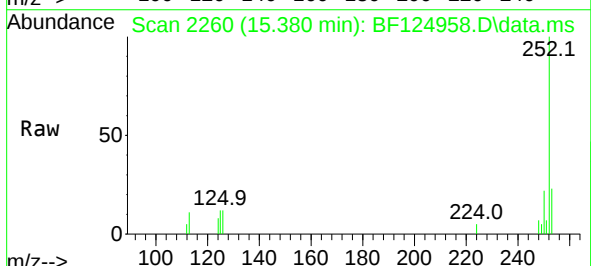
Tgt Ion:252 Resp: 8715

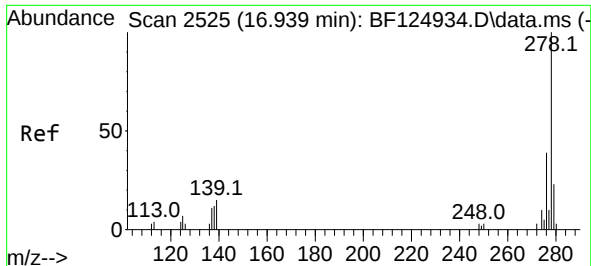
Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 11.7 9.9 14.9

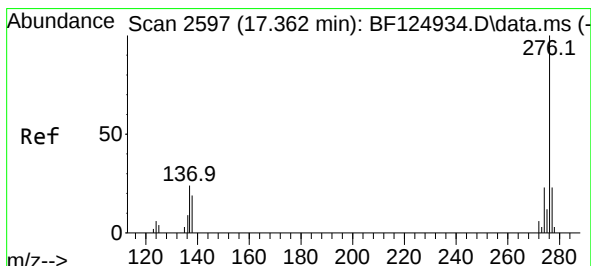
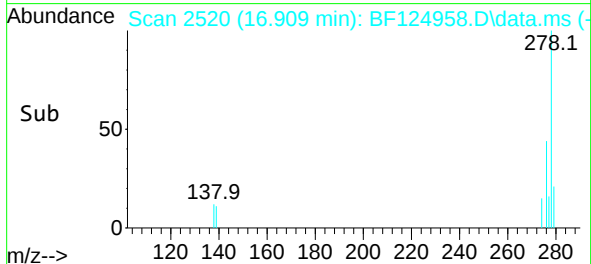
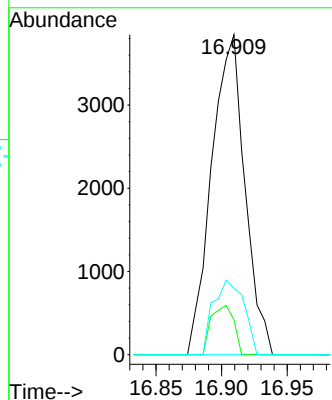
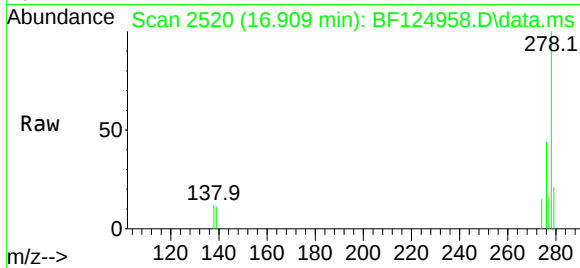




#91
Dibenzo(a,h)anthracene
Concen: 7.474 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion:278 Resp: 6778
Ion Ratio Lower Upper
278 100
139 10.9 14.9 22.3#
279 20.7 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 7.238 ng
RT: 17.333 min Scan# 2592
Delta R.T. -0.006 min
Lab File: BF124958.D
Acq: 6 Aug 2021 11:27

Tgt Ion:276 Resp: 6297
Ion Ratio Lower Upper
276 100
277 21.7 22.0 33.0#
138 27.1 22.2 33.4

