

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
 Data File : BF124562.D
 Acq On : 14 Jul 2021 13:44
 Operator : JU/CG
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 14 14:12:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 13:25:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	7411	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	29255	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	16123	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	27943	20.000	ng	0.00
76) Chrysene-d12	14.092	240	19325	20.000	ng	0.00
86) Perylene-d12	15.592	264	15387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	55415	129.551	ng	0.01
7) Phenol-d6	6.551	99	65399	125.682	ng	0.00
23) Nitrobenzene-d5	7.492	82	39147	84.472	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	16327	130.130	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	93656	84.707	ng	0.00
79) Terphenyl-d14	13.045	244	99137	86.143	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	1149	8.212	ng	# 100
3) Pyridine	3.604	79	2230	6.214	ng	# 84
4) n-Nitrosodimethylamine	3.504	42	2343	8.033	ng	87
6) Aniline	6.592	93	5168	9.426	ng	95
8) 2-Chlorophenol	6.710	128	3840	8.008	ng	94
9) Benzaldehyde	6.475	77	2646	8.668	ng	98
10) Phenol	6.557	94	3792	7.464	ng	75
11) bis(2-Chloroethyl)ether	6.657	93	3217	8.168	ng	89
12) 1,3-Dichlorobenzene	7.098	146	4309	8.210	ng	98
13) 1,4-Dichlorobenzene	6.945	146	4612	8.603	ng	96
14) 1,2-Dichlorobenzene	7.098	146	4309	8.458	ng	96
15) Benzyl Alcohol	7.057	79	2848	7.910	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	5748	8.467	ng	90
17) 2-Methylphenol	7.157	107	2743	7.815	ng	98
18) Hexachloroethane	7.439	117	1682	8.332	ng	85
19) n-Nitroso-di-n-propyla...	7.328	70	2311	7.899	ng	# 90
20) 3+4-Methylphenols	7.316	107	3653	7.905	ng	93
22) Acetophenone	7.328	105	5524	8.320	ng	96
24) Nitrobenzene	7.504	77	3649	7.941	ng	94
25) Isophorone	7.739	82	6189	7.275	ng	99
26) 2-Nitrophenol	7.816	139	2088	8.423	ng	96
27) 2,4-Dimethylphenol	7.845	122	3663	8.918	ng	# 91
28) bis(2-Chloroethoxy)met...	7.951	93	4000	8.060	ng	# 90
29) 2,4-Dichlorophenol	8.051	162	3396	8.015	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	3733	7.962	ng	91
31) Naphthalene	8.228	128	12192	8.058	ng	98
32) Benzoic acid	7.904	122	1488	5.197	ng	87
33) 4-Chloroaniline	8.269	127	4865	8.508	ng	96
34) Hexachlorobutadiene	8.345	225	2069	7.818	ng	98
35) Caprolactam	8.610	113	650	6.065	ng	# 80
36) 4-Chloro-3-methylphenol	8.739	107	3118	7.442	ng	96
37) 2-Methylnaphthalene	8.922	142	8409	8.236	ng	100
38) 1-Methylnaphthalene	9.022	142	7413	7.731	ng	96
40) 1,2,4,5-Tetrachloroben...	9.086	216	3715	8.639	ng	96
41) Hexachlorocyclopentadiene	9.075	237	2750	10.237	ng	92
43) 2,4,6-Trichlorophenol	9.192	196	2282	7.351	ng	96

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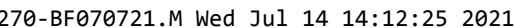
Instrument :
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 MDL-SOIL-03-QT3-2021

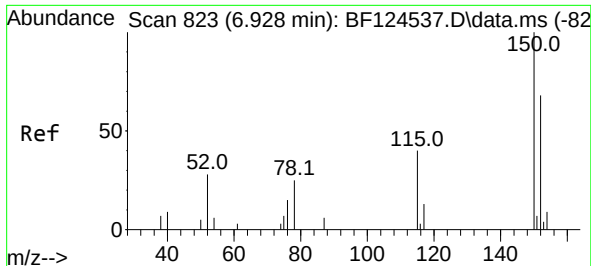
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	2626	8.201	ng	# 88
46) 1,1'-Biphenyl	9.381	154	10274	8.390	ng	96
47) 2-Chloronaphthalene	9.410	162	7787	8.111	ng	96
48) 2-Nitroaniline	9.498	65	1819	7.879	ng	83
49) Acenaphthylene	9.828	152	12264	8.186	ng	99
50) Dimethylphthalate	9.675	163	9264	8.259	ng	# 95
51) 2,6-Dinitrotoluene	9.739	165	1968	8.899	ng	94
52) Acenaphthene	9.998	154	7700	8.038	ng	97
53) 3-Nitroaniline	9.904	138	1961	7.947	ng	# 89
54) 2,4-Dinitrophenol	10.010	184	592	5.130	ng	# 73
55) Dibenzofuran	10.169	168	11182	7.939	ng	98
56) 4-Nitrophenol	10.045	139	1340	6.524	ng	# 82
57) 2,4-Dinitrotoluene	10.139	165	2420	7.994	ng	89
58) Fluorene	10.510	166	8489	7.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	1737	7.024	ng	# 94
60) Diethylphthalate	10.380	149	9430	8.040	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	4052	8.194	ng	92
62) 4-Nitroaniline	10.516	138	2052	8.251	ng	90
63) Azobenzene	10.669	77	7735	7.545	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	959	6.008	ng	92
66) n-Nitrosodiphenylamine	10.622	169	7508	8.252	ng	96
67) 4-Bromophenyl-phenylether	10.998	248	2475	8.566	ng	98
68) Hexachlorobenzene	11.057	284	2618	8.843	ng	97
69) Atrazine	11.145	200	2407	8.638	ng	89
70) Pentachlorophenol	11.245	266	1597	8.529	ng	# 85
71) Phenanthrene	11.475	178	12530	8.219	ng	97
72) Anthracene	11.527	178	13015	8.510	ng	99
73) Carbazole	11.680	167	11414	8.077	ng	96
74) Di-n-butylphthalate	12.010	149	15599	8.194	ng	99
75) Fluoranthene	12.663	202	11996	7.799	ng	94
77) Benzidine	12.786	184	7469	10.339	ng	99
78) Pyrene	12.892	202	12653	7.881	ng	98
80) Butylbenzylphthalate	13.510	149	5990	7.716	ng	100
81) Benzo(a)anthracene	14.080	228	10335	8.064	ng	98
82) 3,3'-Dichlorobenzidine	14.045	252	3675	10.947	ng	88
83) Chrysene	14.121	228	9874	8.042	ng	96
84) Bis(2-ethylhexyl)phtha...	14.074	149	8192	7.860	ng	97
85) Di-n-octyl phthalate	14.686	149	11489	7.618	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.092	276	6276	7.033	ng	97
88) Benzo(b)fluoranthene	15.145	252	8223	7.445	ng	98
89) Benzo(k)fluoranthene	15.174	252	7752	7.650	ng	96
90) Benzo(a)pyrene	15.521	252	7353	8.065	ng	# 92
91) Dibenzo(a,h)anthracene	17.115	278	5436	7.157	ng	# 87
92) Benzo(g,h,i)perylene	17.545	276	5232	7.055	ng	# 89

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

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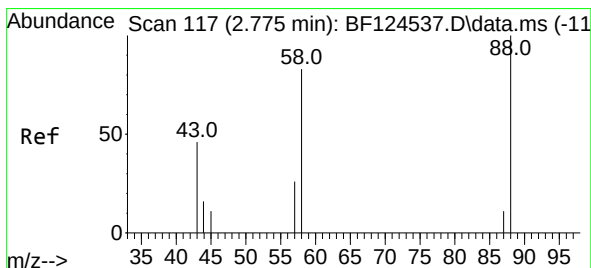
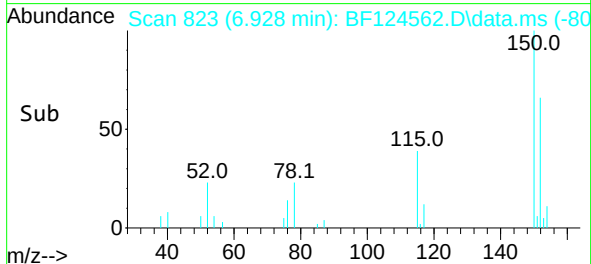
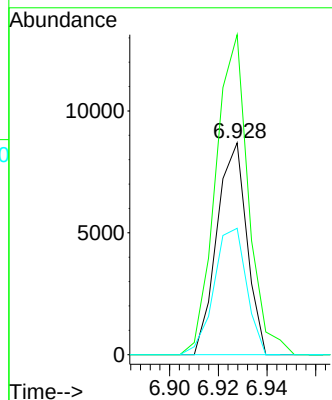
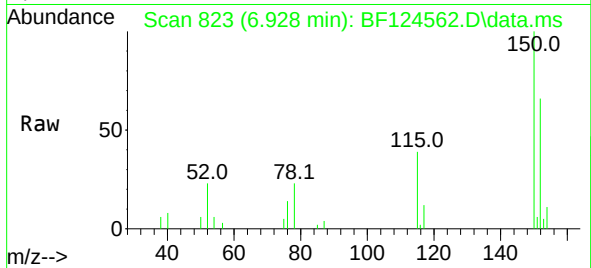




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

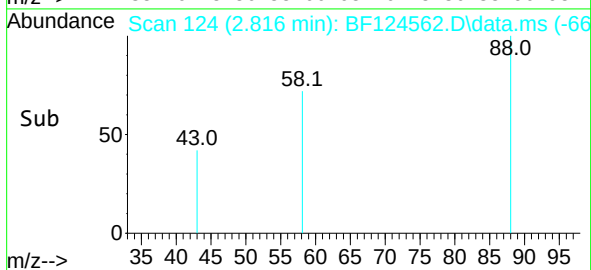
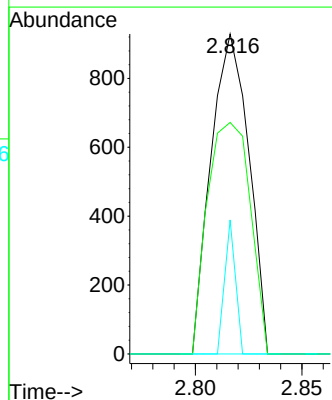
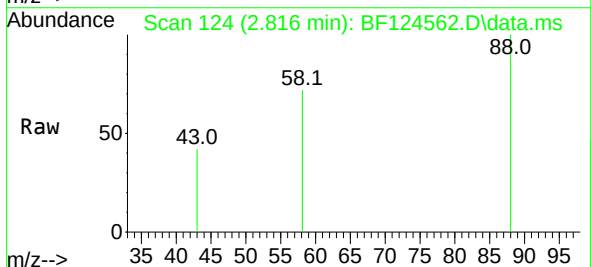
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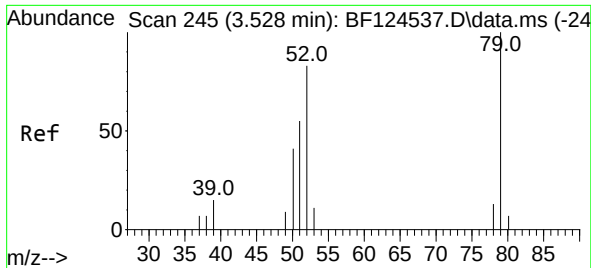
Tgt Ion:152 Resp: 7411
Ion Ratio Lower Upper
152 100
150 151.0 117.6 176.4
115 59.6 47.1 70.7



#2
1,4-Dioxane
Concen: 8.212 ng
RT: 2.816 min Scan# 124
Delta R.T. 0.041 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 88 Resp: 1149
Ion Ratio Lower Upper
88 100
58 81.8 0.0 0.0#
43 11.9 0.0 0.0#

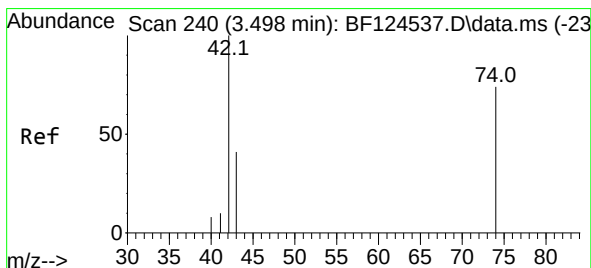
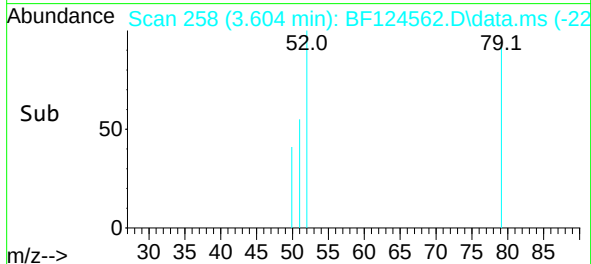
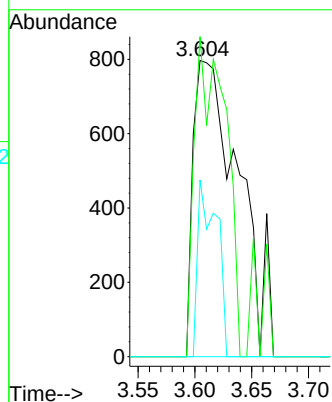
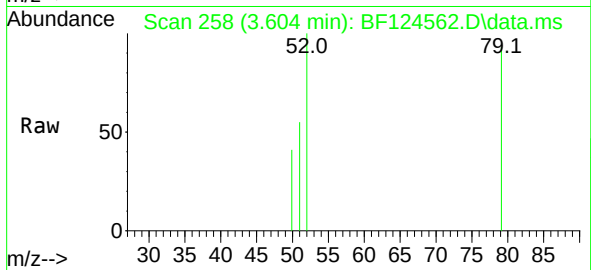




#3
Pyridine
Concen: 6.214 ng
RT: 3.604 min Scan# 258
Delta R.T. 0.077 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

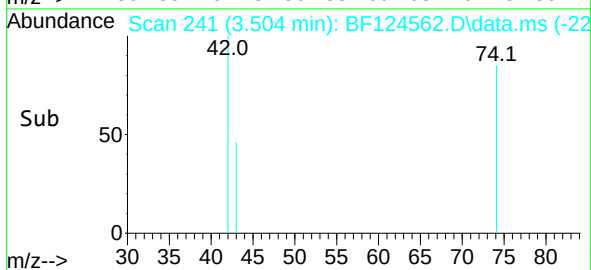
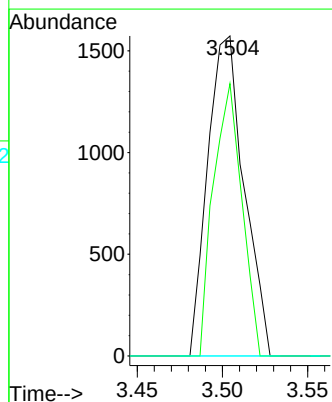
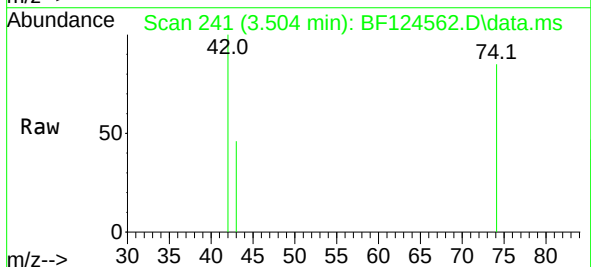
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

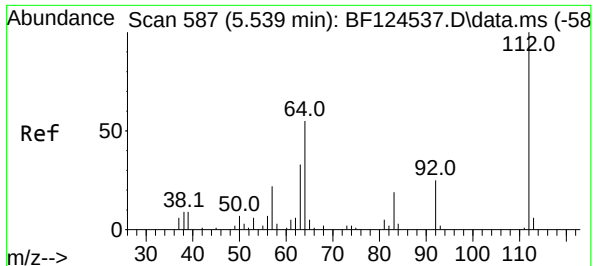
Tgt Ion: 79 Resp: 2230
Ion Ratio Lower Upper
79 100
52 108.0 70.3 105.5#
51 59.6 44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 8.033 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 42 Resp: 2343
Ion Ratio Lower Upper
42 100
74 85.1 59.0 88.6
44 0.0 0.0 0.0

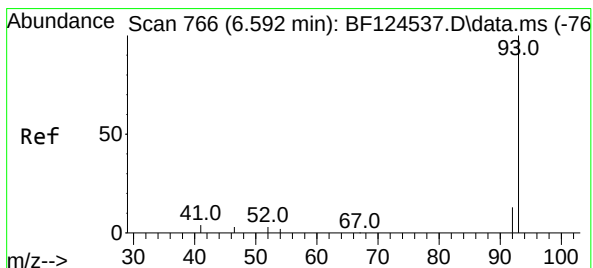
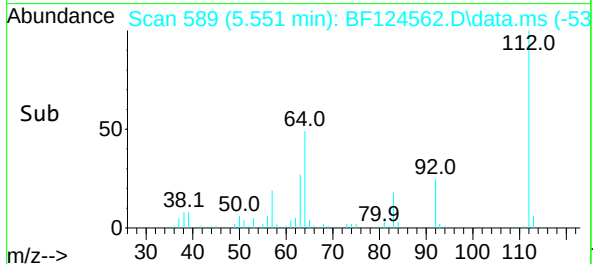
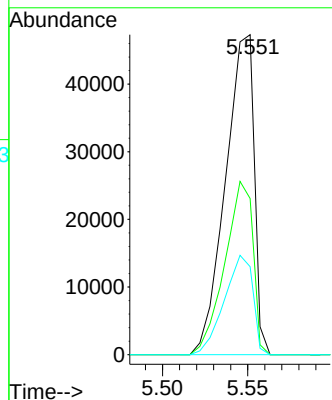
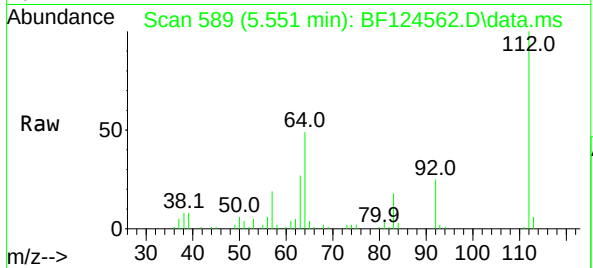




#5
2-Fluorophenol
Concen: 129.551 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

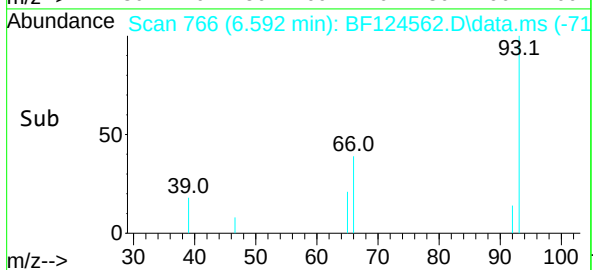
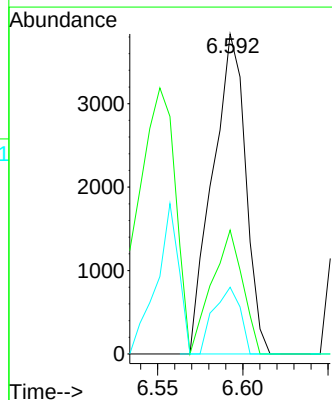
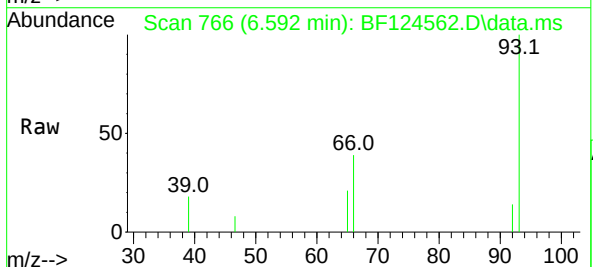
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2021

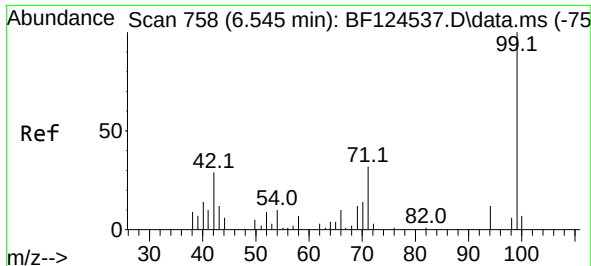
Tgt Ion:112 Resp: 55415
Ion Ratio Lower Upper
112 100
64 48.8 44.2 66.2
63 27.5 26.2 39.2



#6
Aniline
Concen: 9.426 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 93 Resp: 5168
Ion Ratio Lower Upper
93 100
66 38.7 32.7 49.1
65 20.8 14.2 21.4

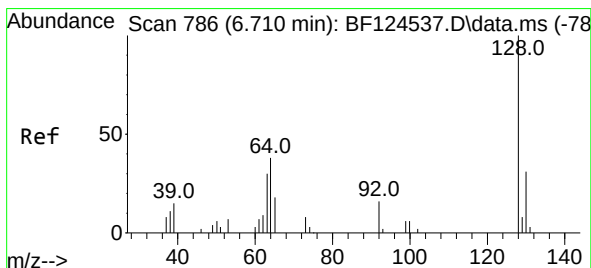
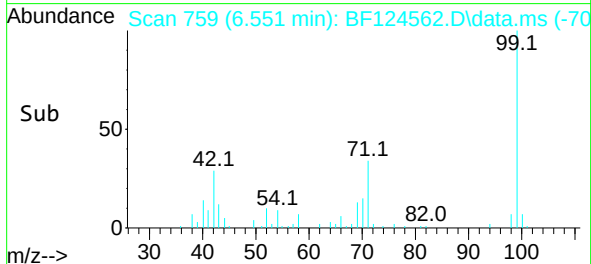
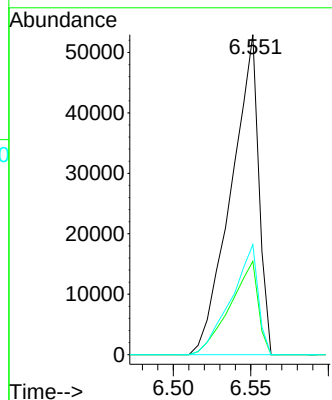
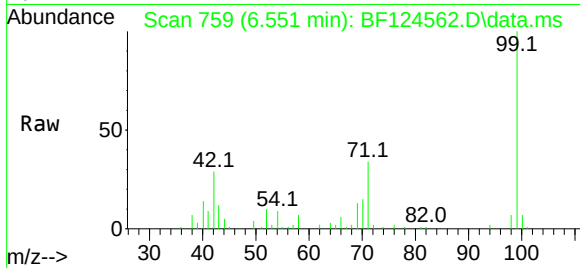




#7
Phenol-d6
Concen: 125.682 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

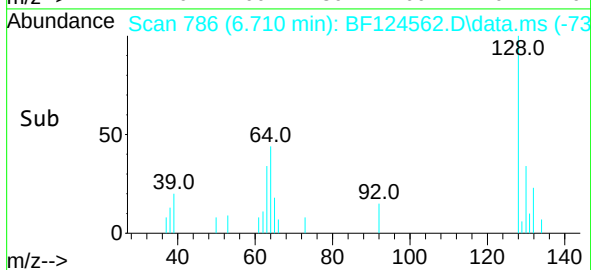
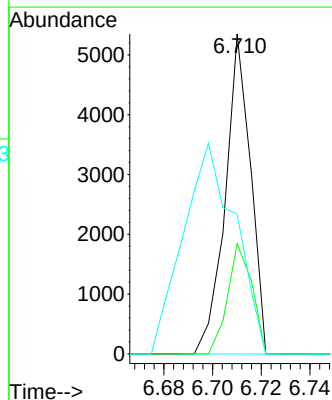
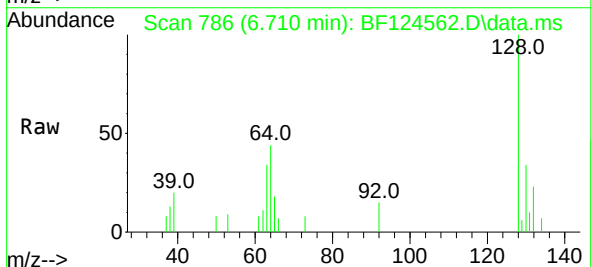
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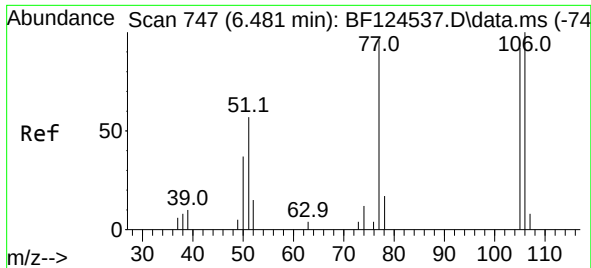
Tgt Ion: 99 Resp: 65399
Ion Ratio Lower Upper
99 100
42 29.2 23.5 35.3
71 34.4 25.6 38.4



#8
2-Chlorophenol
Concen: 8.008 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 128 Resp: 3840
Ion Ratio Lower Upper
128 100
130 34.4 10.5 50.5
64 43.8 20.3 60.3

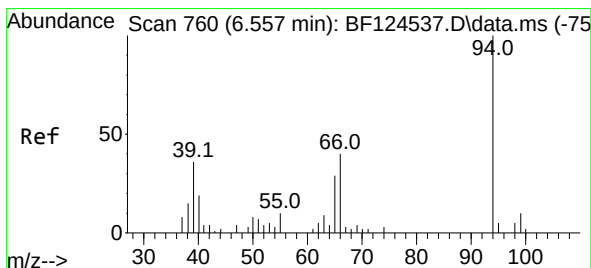
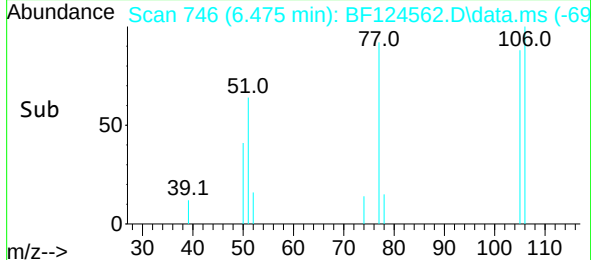
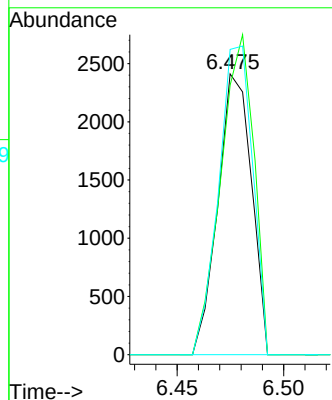
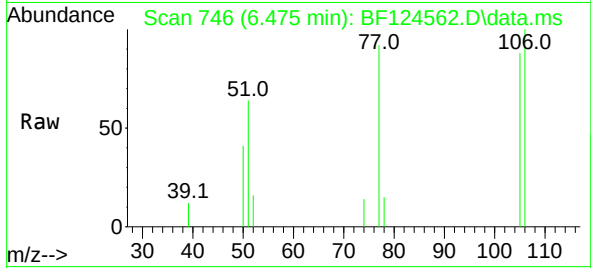




#9
Benzaldehyde
Concen: 8.668 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

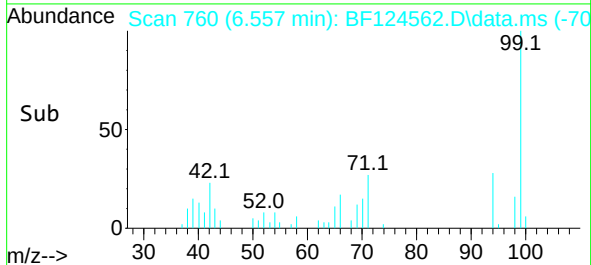
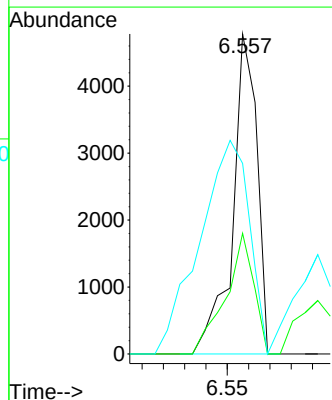
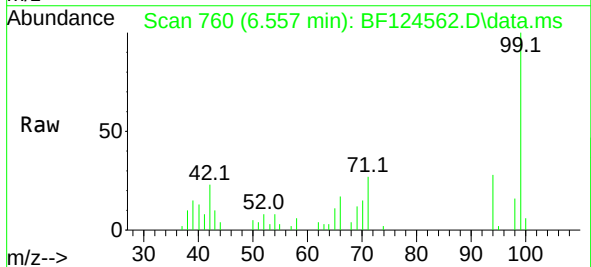
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ClientSampleId :
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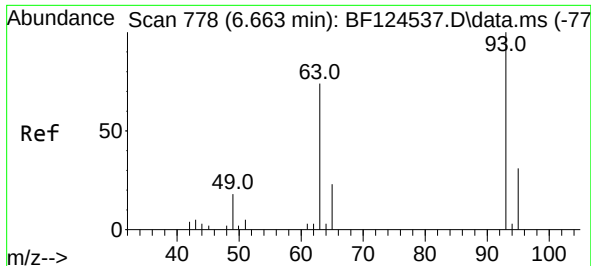
Tgt Ion: 77	Resp: 2646
Ion Ratio	Lower Upper
77 100	
105 95.9	75.9 115.9
106 108.7	84.0 124.0



#10
Phenol
Concen: 7.464 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124562.D
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Tgt Ion: 94	Resp: 3792
Ion Ratio	Lower Upper
94 100	
65 37.7	9.3 49.3
66 59.6	20.3 60.3

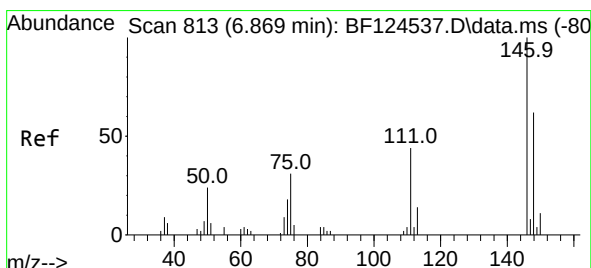
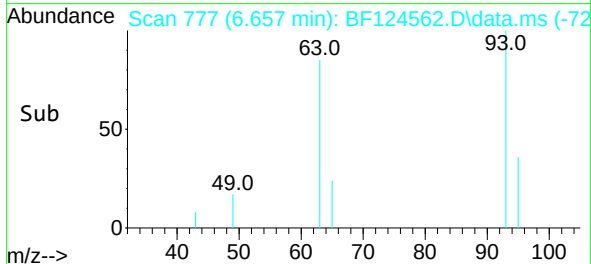
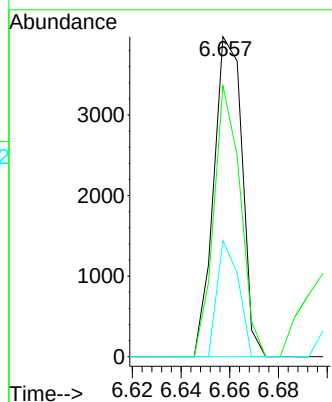
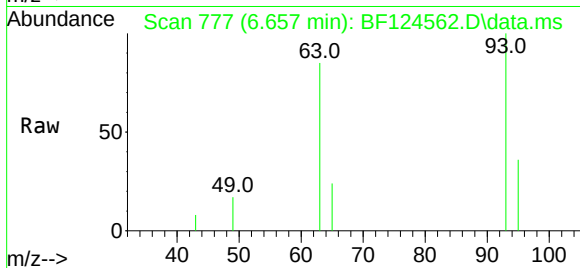




#11
bis(2-Chloroethyl)ether
Concen: 8.168 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

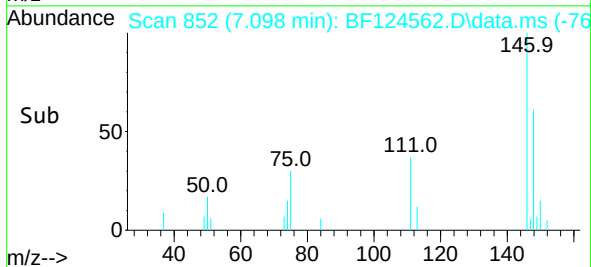
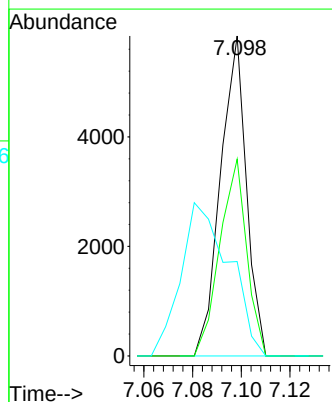
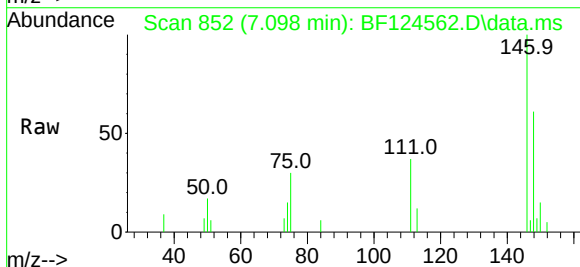
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

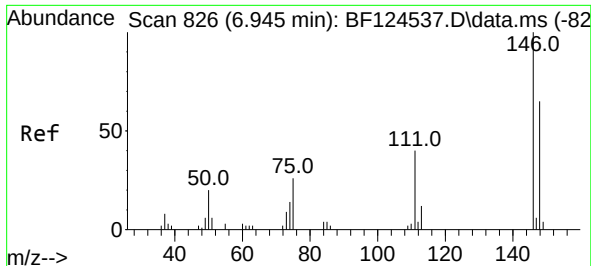
Tgt Ion: 93	Resp: 3217
Ion Ratio	Lower Upper
93 100	
63 84.7	54.4 94.4
95 36.3	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 8.210 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.229 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:146	Resp: 4309		
Ion Ratio	Lower	Upper	
146 100			
148 61.5	49.7	74.5	
75 29.5	25.2	37.8	

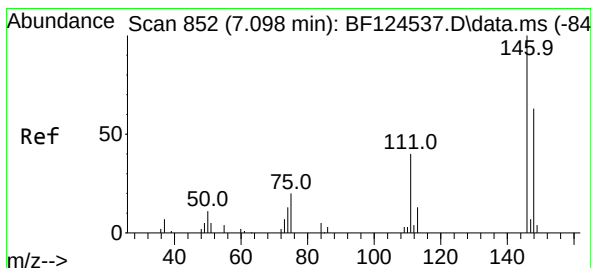
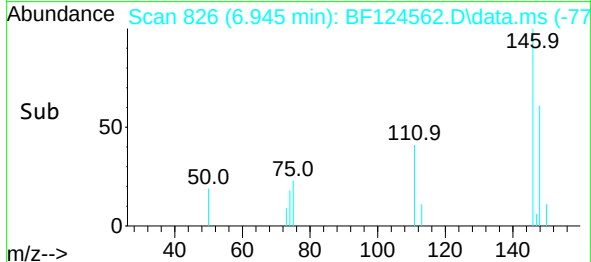
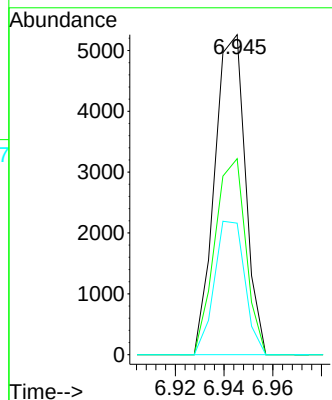
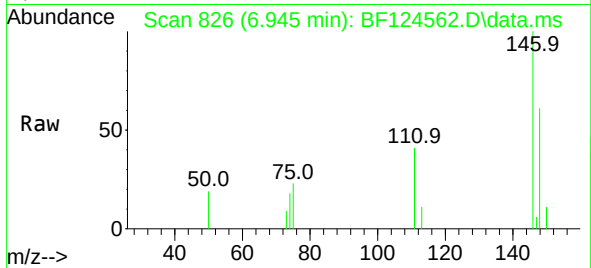




#13
1,4-Dichlorobenzene
Concen: 8.603 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

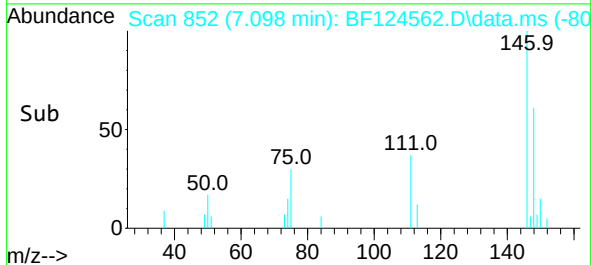
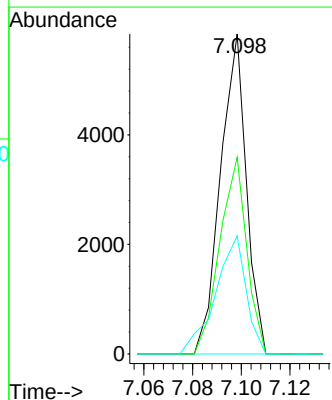
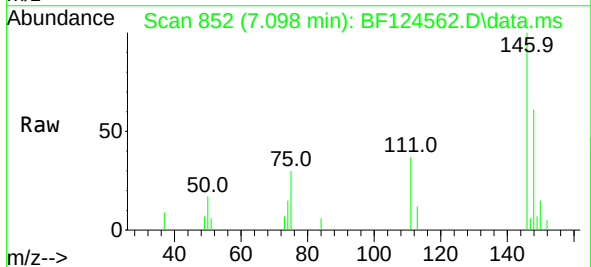
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

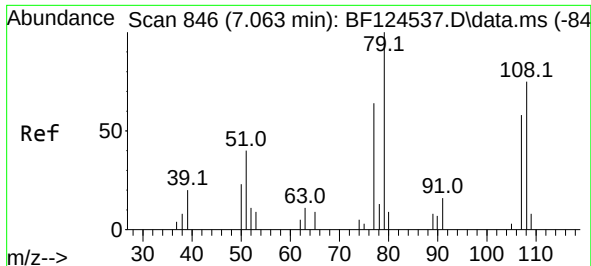
Tgt Ion:146 Resp: 4612
Ion Ratio Lower Upper
146 100
148 61.3 51.9 77.9
111 41.1 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 8.458 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:146 Resp: 4309
Ion Ratio Lower Upper
146 100
148 61.5 50.6 75.8
111 36.9 33.5 50.3





#15

Benzyl Alcohol

Concen: 7.910 ng

RT: 7.057 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

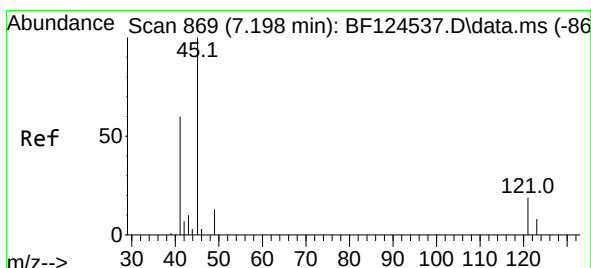
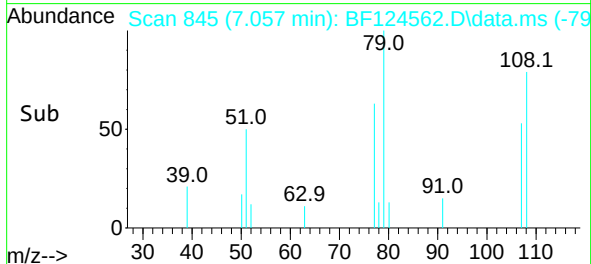
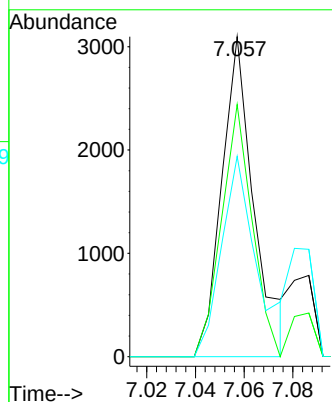
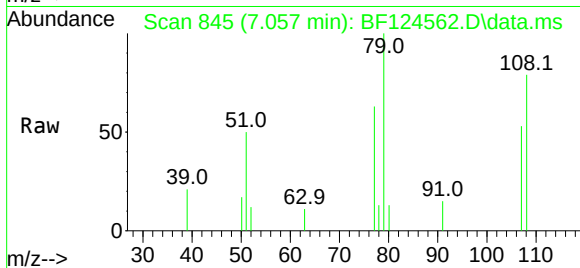
Tgt Ion: 79 Resp: 2848

Ion Ratio Lower Upper

79 100

108 78.8 60.4 90.6

77 62.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.467 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

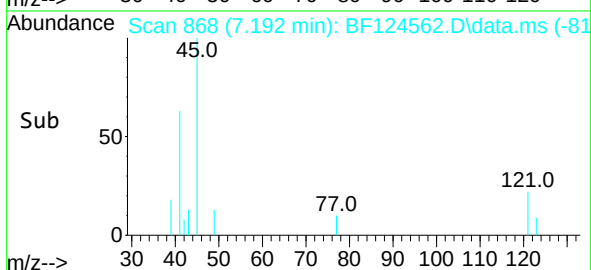
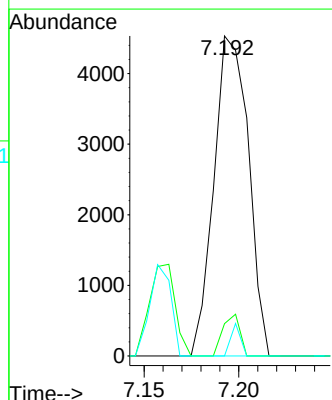
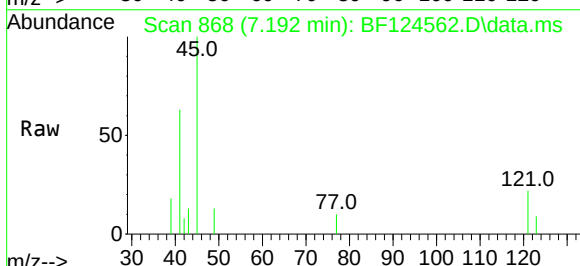
Tgt Ion: 45 Resp: 5748

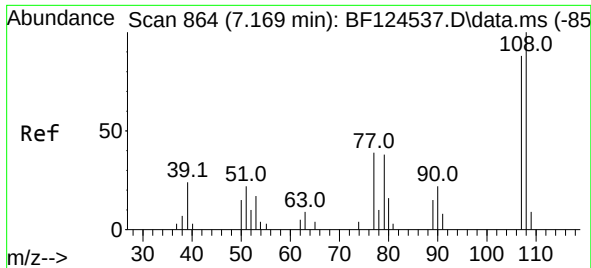
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.6

79 0.0 0.0 27.5

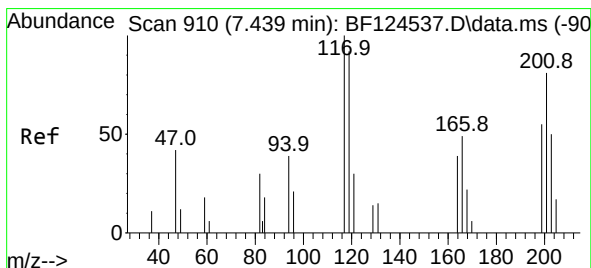
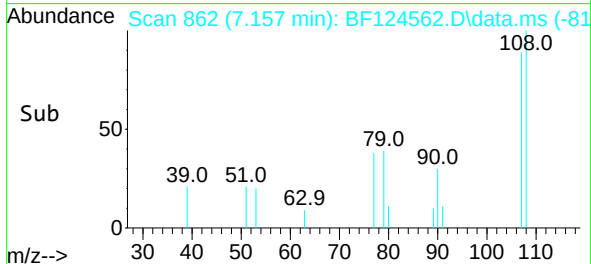
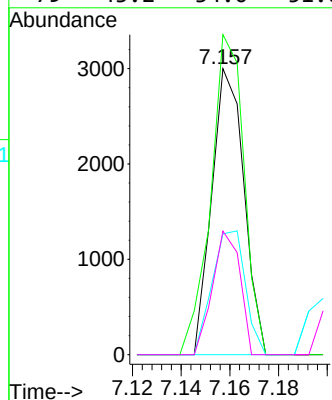
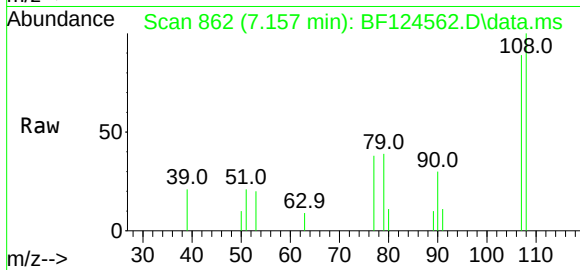




#17
2-Methylphenol
Concen: 7.815 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

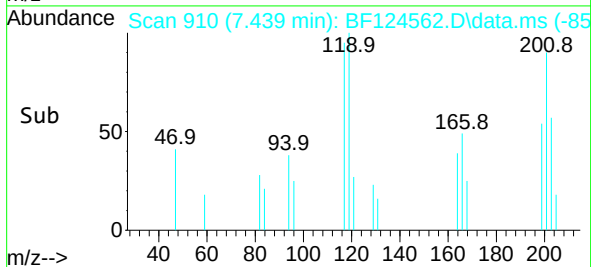
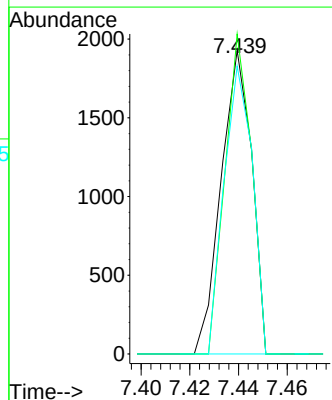
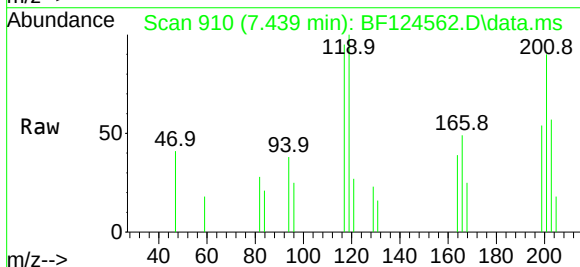
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

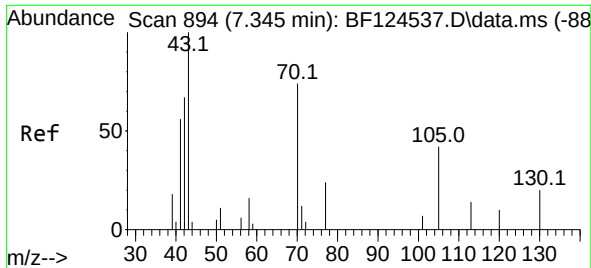
Tgt Ion:	107	Resp:	2743
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.6	135.8
77	42.2	35.7	53.5
79	43.2	34.0	51.0



#18
Hexachloroethane
Concen: 8.332 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	117	Resp:	1682
Ion	Ratio	Lower	Upper
117	100		
119	105.4	73.4	110.2
201	94.9	64.9	97.3



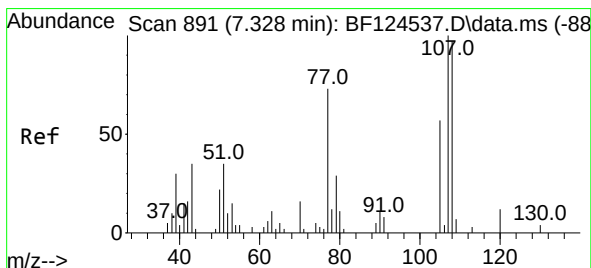
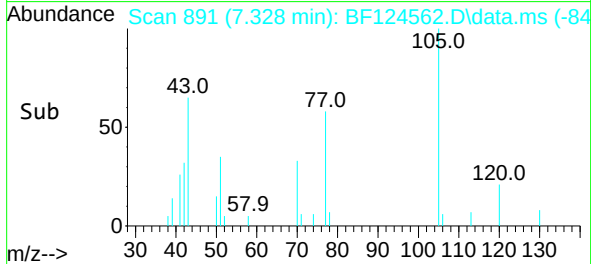
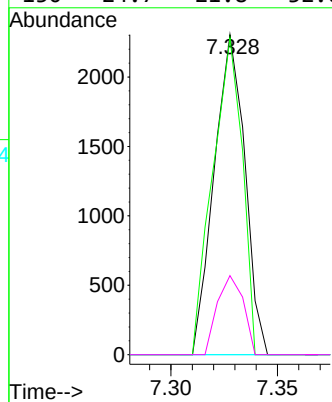
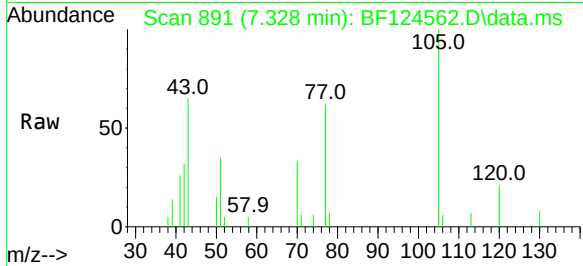


#19
n-Nitroso-di-n-propylamine
Concen: 7.899 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion: 70 Resp: 2311

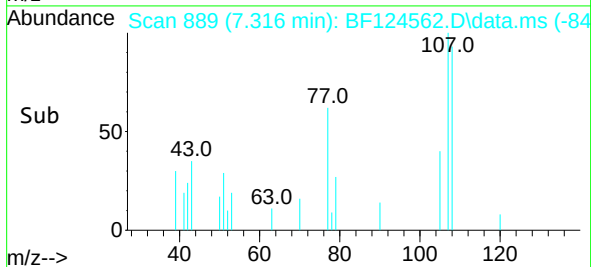
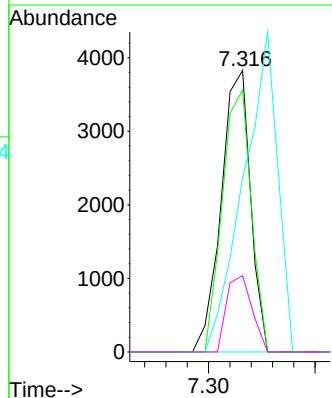
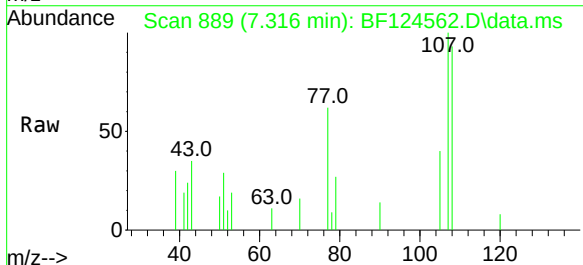
Ion	Ratio	Lower	Upper
70	100		
42	99.0	72.2	108.2
101	0.0	7.8	11.8#
130	24.7	21.8	32.6

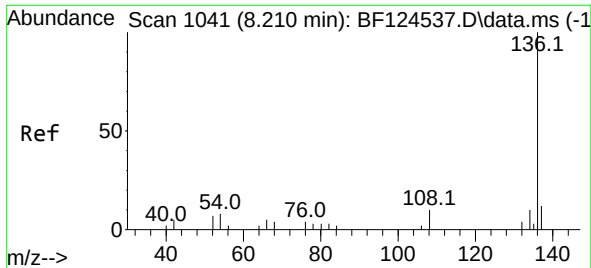


#20
3+4-Methylphenols
Concen: 7.905 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 107 Resp: 3653

Ion	Ratio	Lower	Upper
107	100		
108	93.1	76.6	116.6
77	62.1	53.3	93.3
79	27.1	8.7	48.7

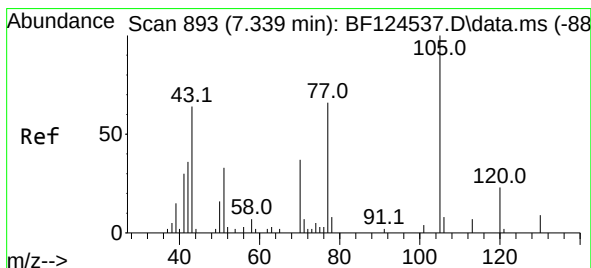
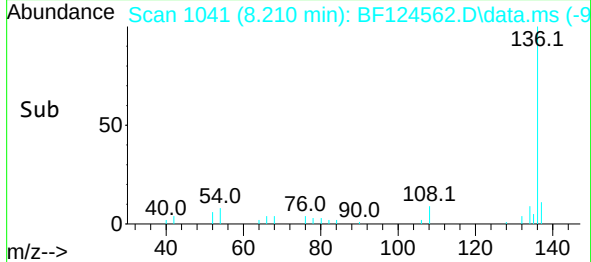
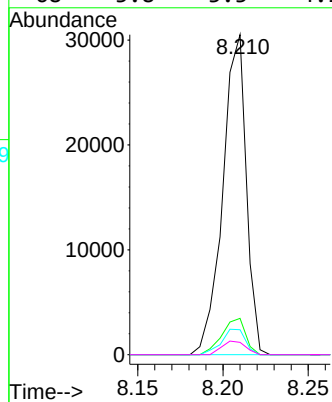
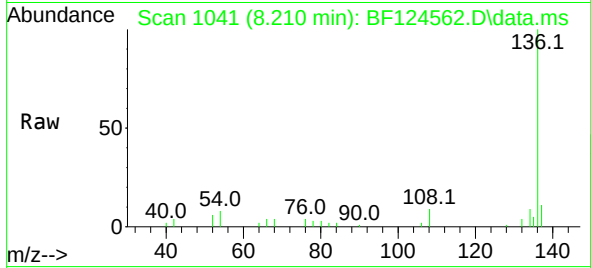




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

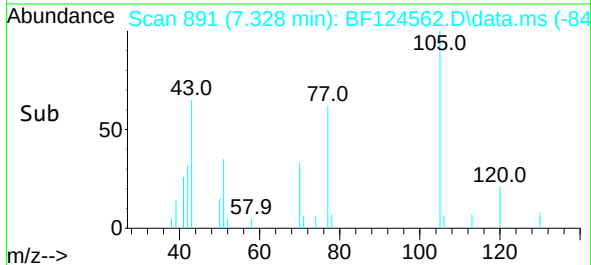
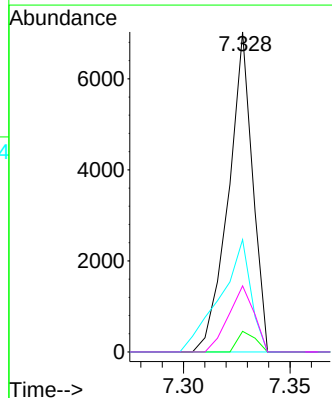
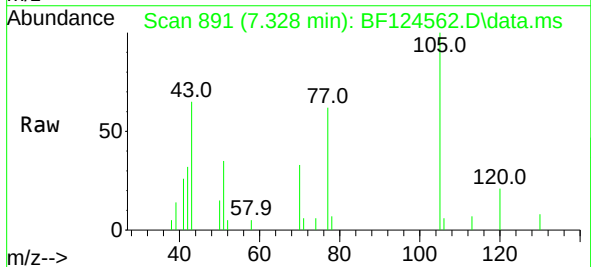
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

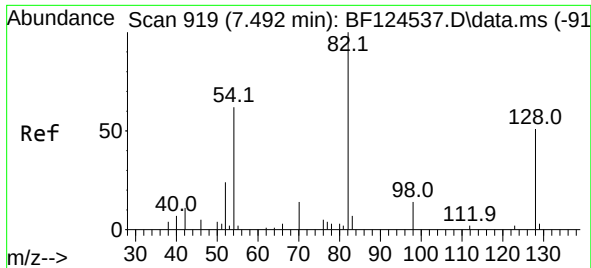
Tgt Ion:	136	Resp:	29255
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	7.8	6.4	9.6
68	3.8	3.3	4.9



#22
Acetophenone
Concen: 8.320 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	105	Resp:	5524
Ion Ratio	Lower	Upper	
105	100		
71	6.4	5.5	8.3
51	35.1	26.0	39.0
120	20.7	18.5	27.7

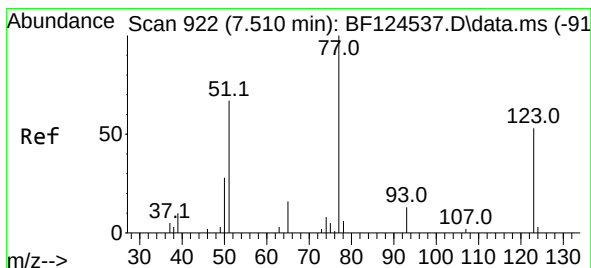
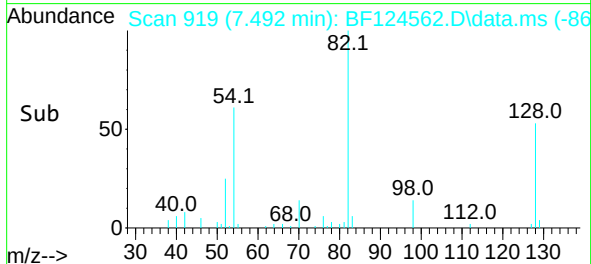
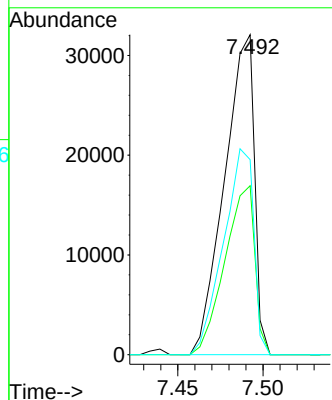
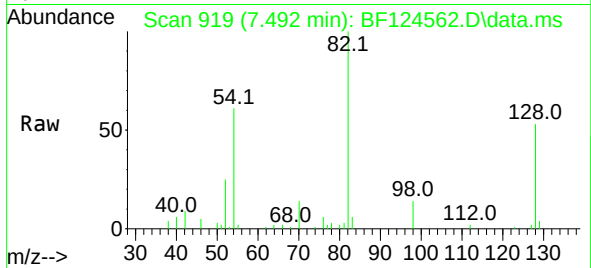




#23
Nitrobenzene-d5
Concen: 84.472 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

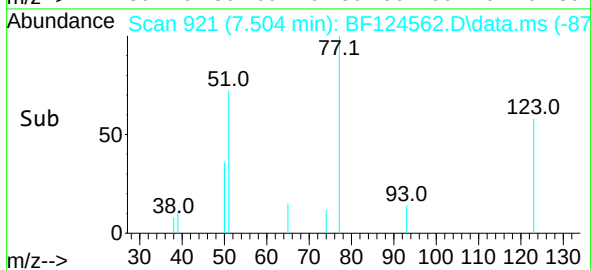
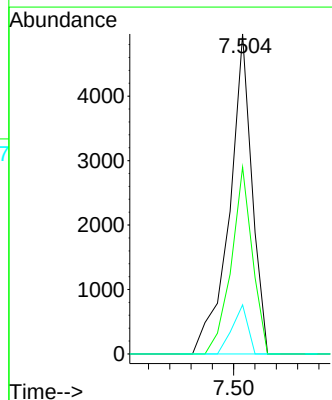
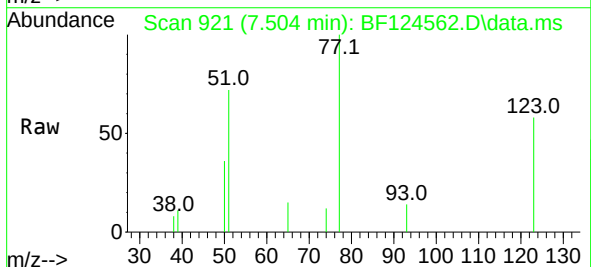
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

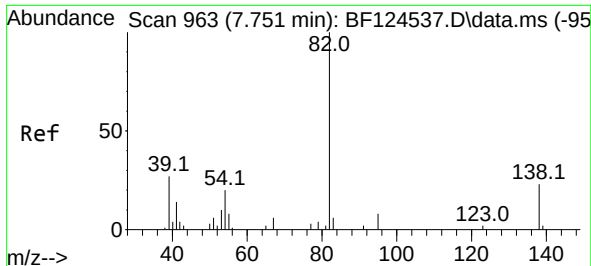
Tgt Ion: 82 Resp: 39147
Ion Ratio Lower Upper
82 100
128 52.8 40.6 60.8
54 60.9 49.6 74.4



#24
Nitrobenzene
Concen: 7.941 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion: 77 Resp: 3649
Ion Ratio Lower Upper
77 100
123 58.4 42.3 63.5
65 15.3 12.4 18.6

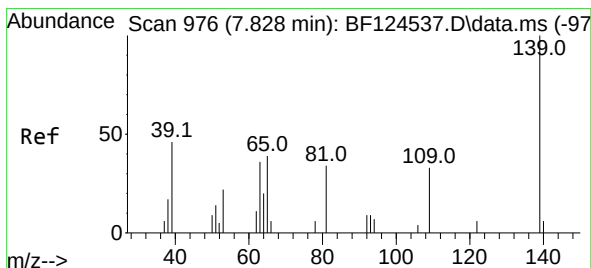
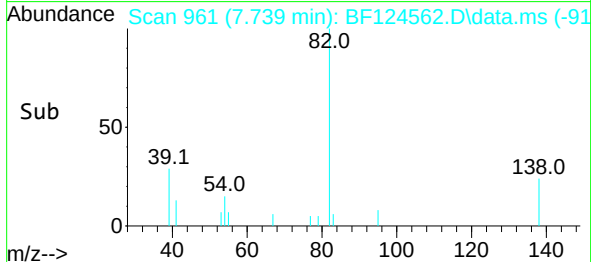
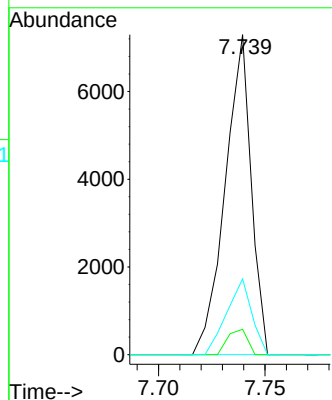
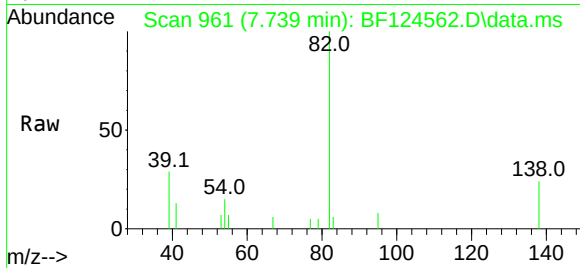




#25
Isophorone
Concen: 7.275 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

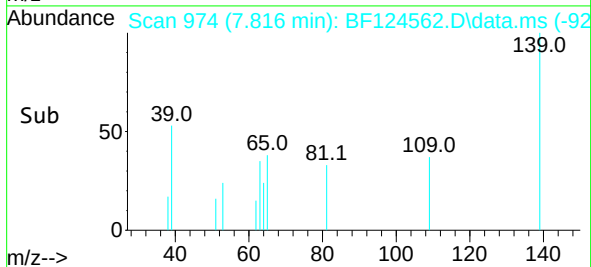
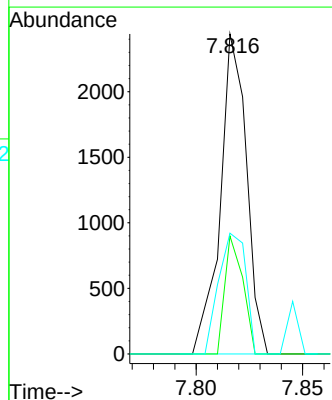
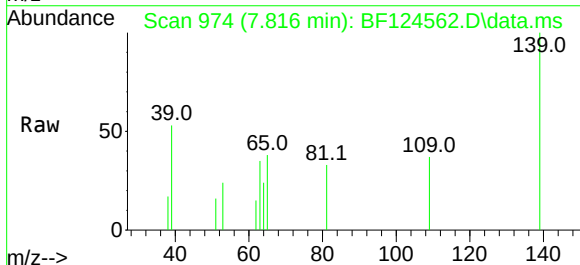
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

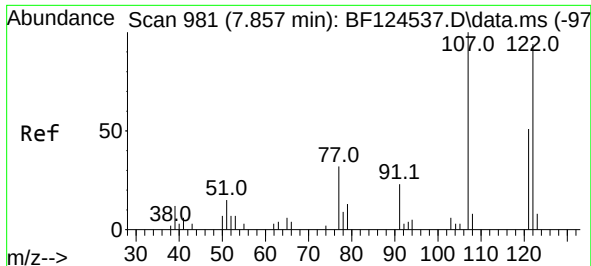
Tgt Ion:	82	Resp:	6189
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.5	9.7
138	23.7	18.4	27.6



#26
2-Nitrophenol
Concen: 8.423 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	139	Resp:	2088
Ion	Ratio	Lower	Upper
139	100		
109	36.8	26.0	39.0
65	37.7	31.0	46.4





#27

2,4-Dimethylphenol

Concen: 8.918 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

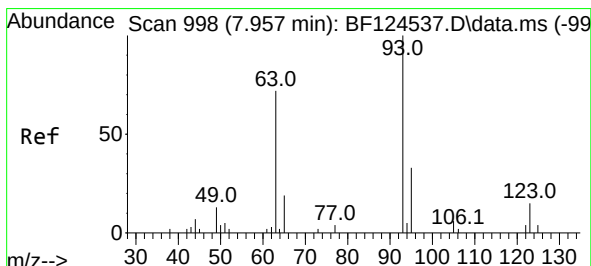
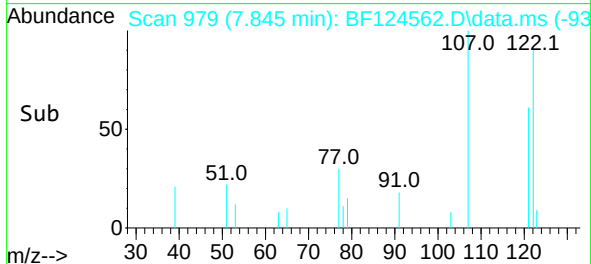
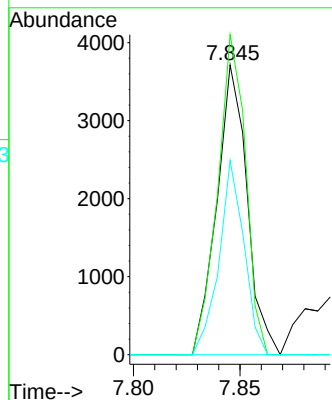
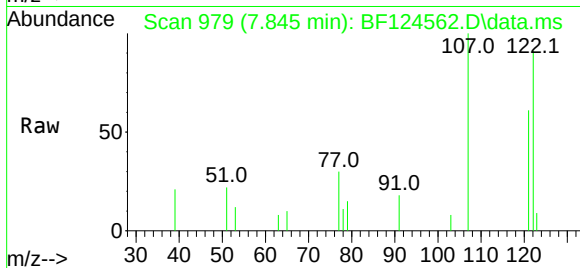
Tgt Ion:122 Resp: 3663

Ion Ratio Lower Upper

122 100

107 110.4 85.0 127.6

121 67.0 43.3 64.9#



#28

bis(2-Chloroethoxy)methane

Concen: 8.060 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

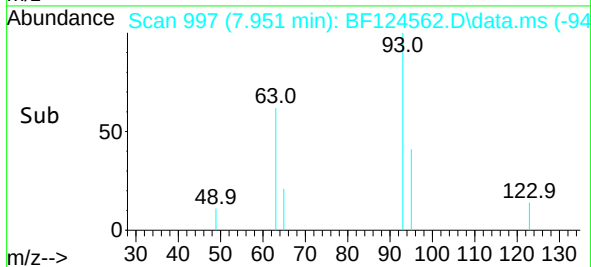
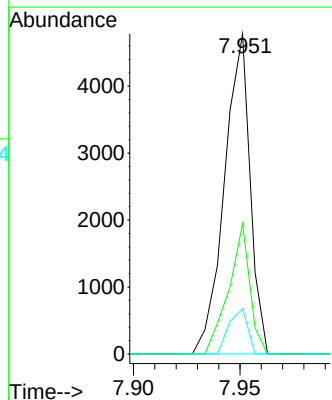
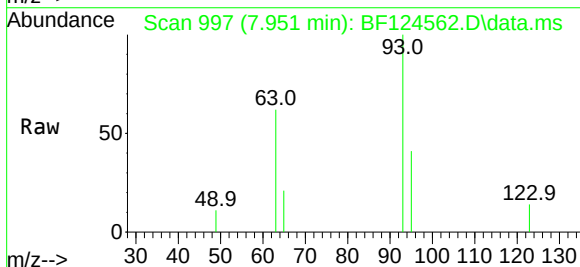
Tgt Ion: 93 Resp: 4000

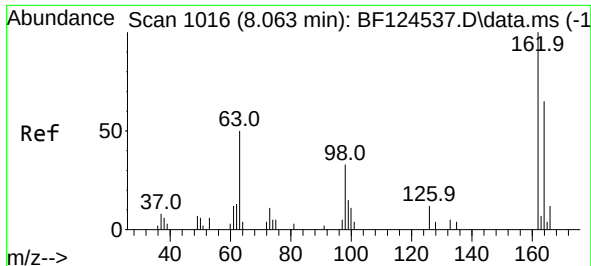
Ion Ratio Lower Upper

93 100

95 40.7 26.1 39.1#

123 14.1 11.7 17.5

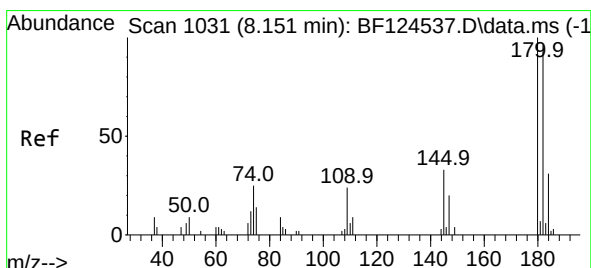
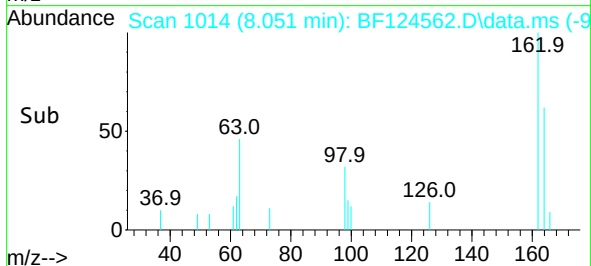
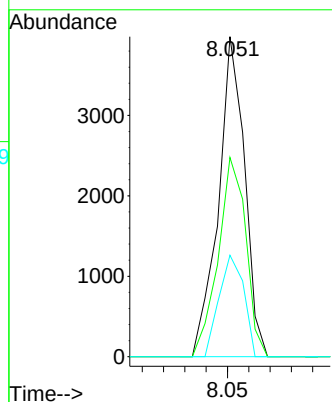
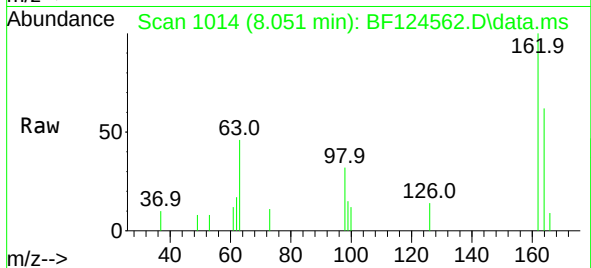




#29
2,4-Dichlorophenol
Concen: 8.015 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

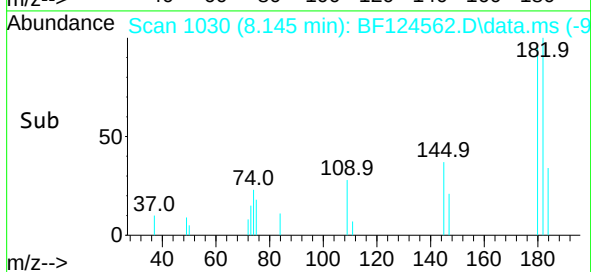
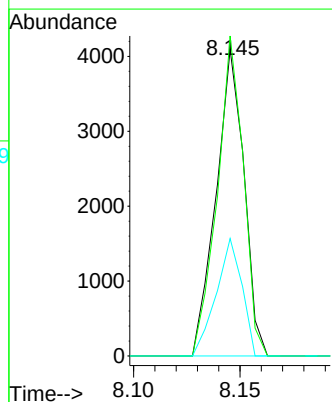
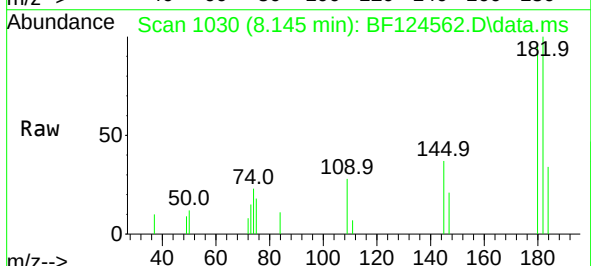
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

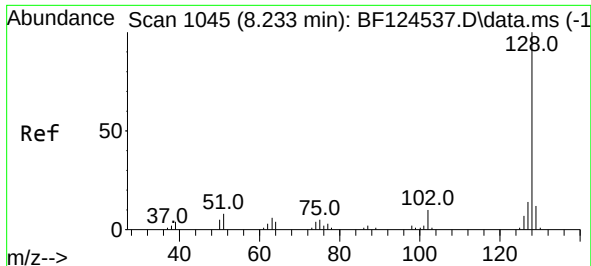
Tgt Ion:	162	Resp:	3396
Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.5	84.5
98	31.7	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 7.962 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	180	Resp:	3733
Ion	Ratio	Lower	Upper
180	100		
182	104.3	76.8	115.2
145	38.3	26.7	40.1

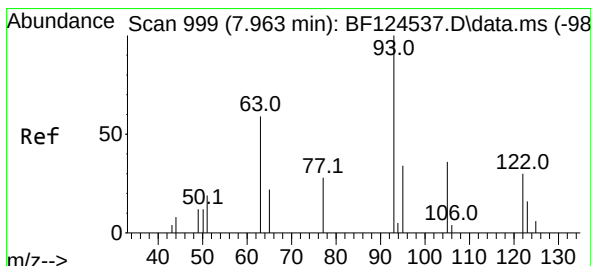
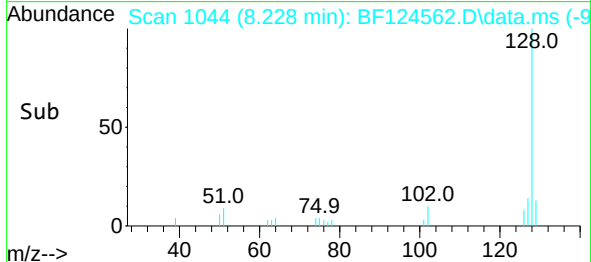
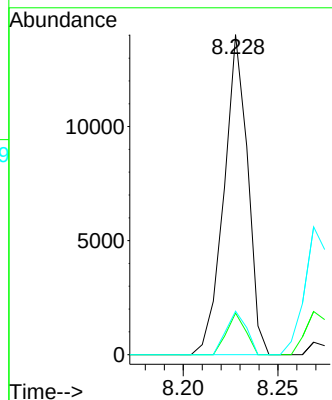
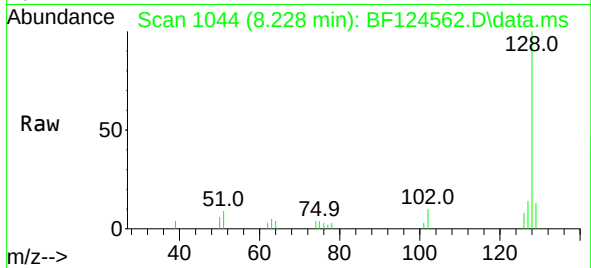




#31
Naphthalene
Concen: 8.058 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

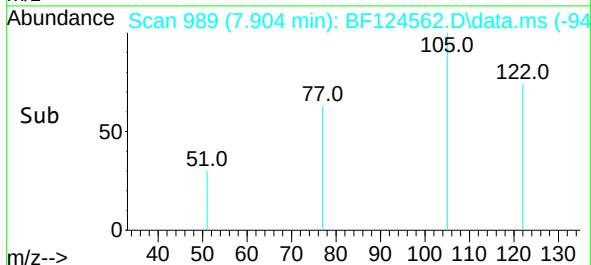
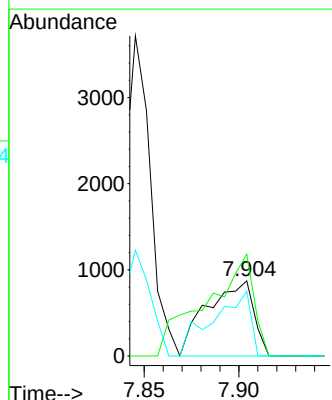
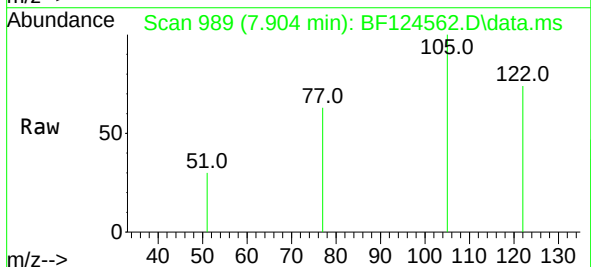
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

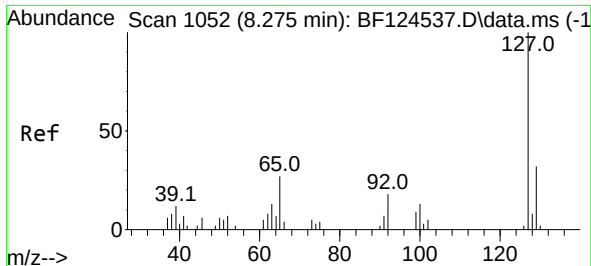
Tgt Ion:128 Resp: 12192
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 5.197 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.059 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:122 Resp: 1488
Ion Ratio Lower Upper
122 100
105 135.6 97.6 137.6
77 86.0 59.6 99.6

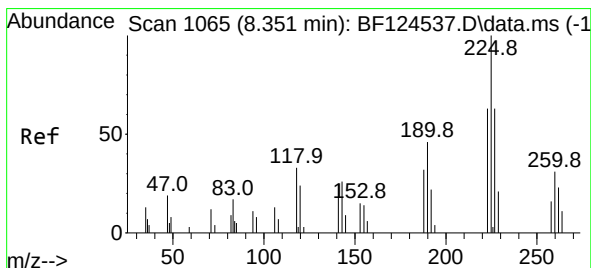
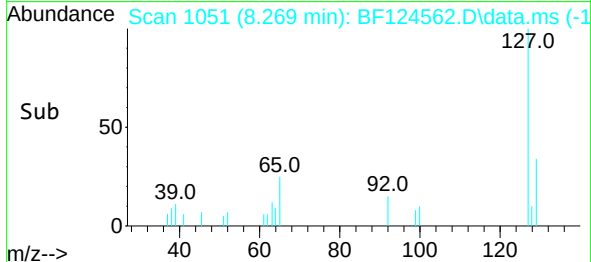
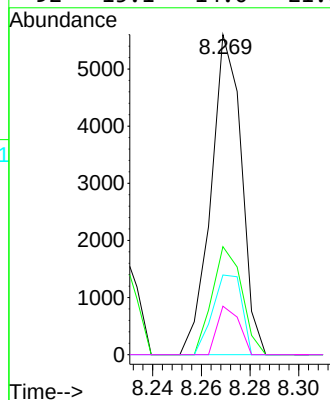
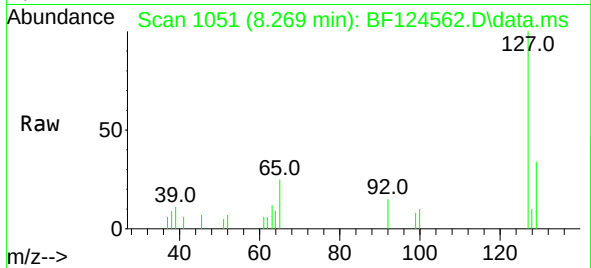




#33
4-Chloroaniline
Concen: 8.508 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

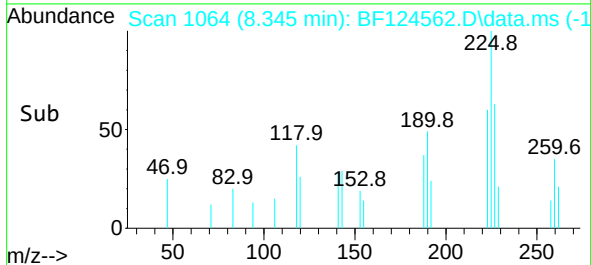
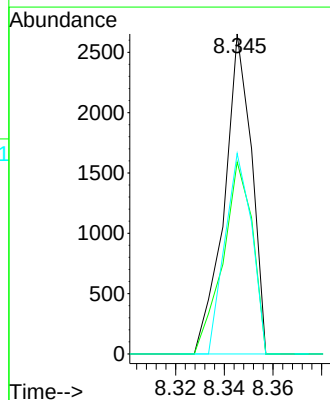
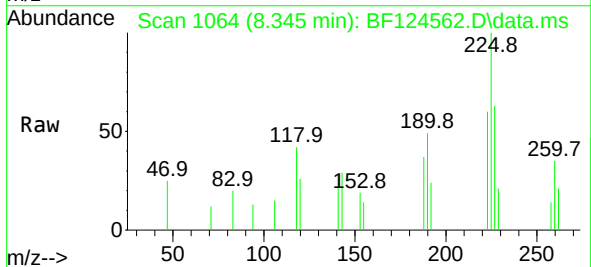
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

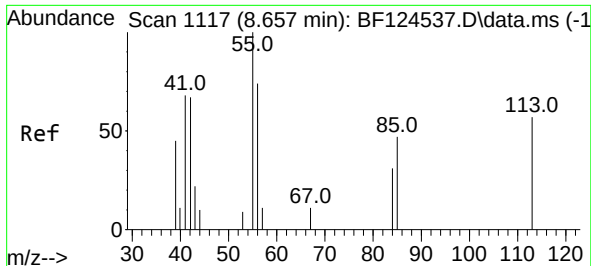
Tgt Ion:	127	Resp:	4865
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.7	38.5
65	24.9	21.2	31.8
92	15.1	14.0	21.0



#34
Hexachlorobutadiene
Concen: 7.818 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	225	Resp:	2069
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.6	76.0
227	62.6	50.6	75.8

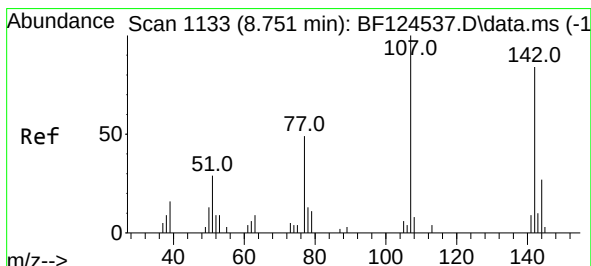
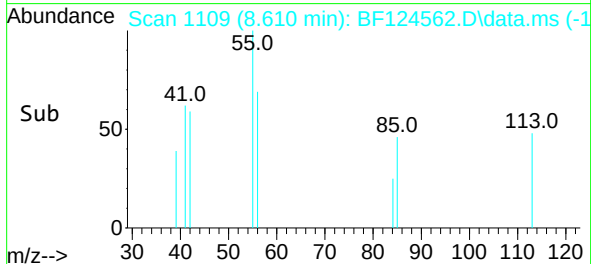
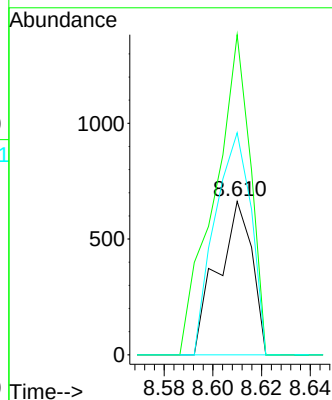
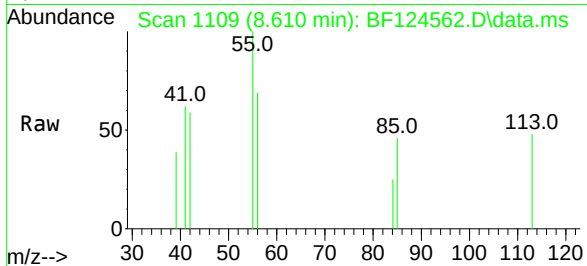




#35
Caprolactam
Concen: 6.065 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

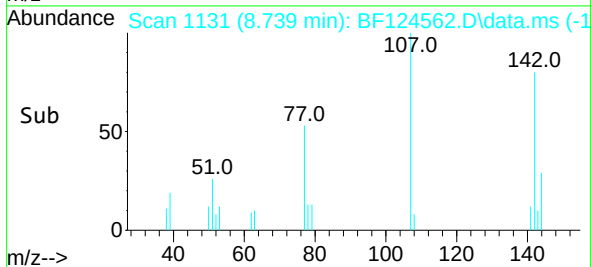
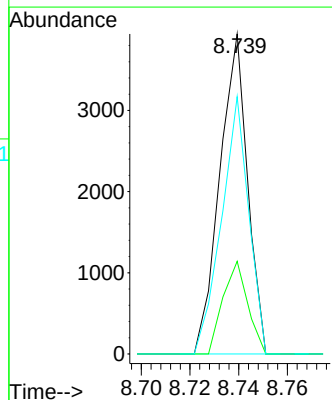
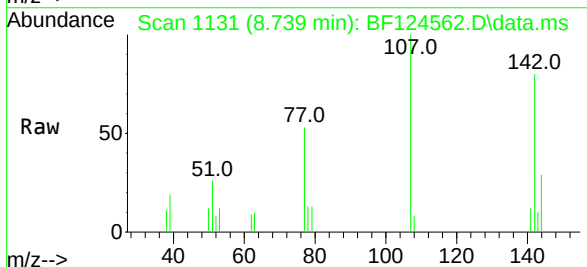
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

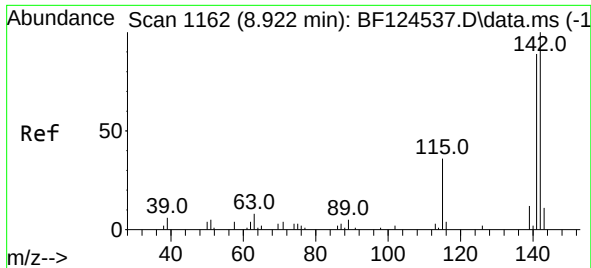
Tgt Ion:113 Resp: 650
Ion Ratio Lower Upper
113 100
55 208.6 154.1 194.1#
56 144.6 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 7.442 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:107 Resp: 3118
Ion Ratio Lower Upper
107 100
144 29.0 21.9 32.9
142 80.4 67.1 100.7

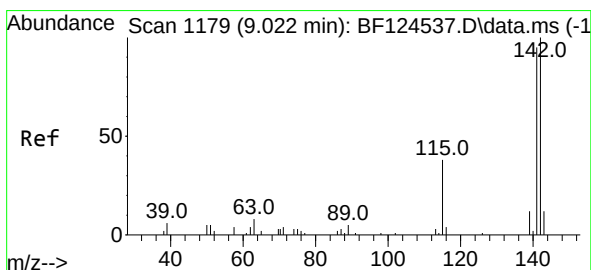
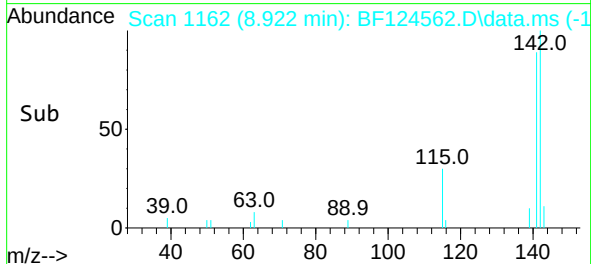
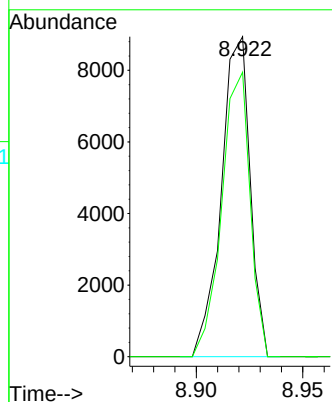
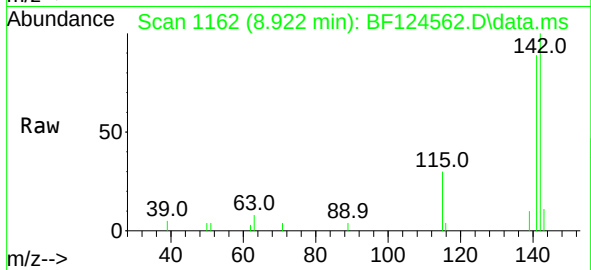




#37
2-Methylnaphthalene
Concen: 8.236 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

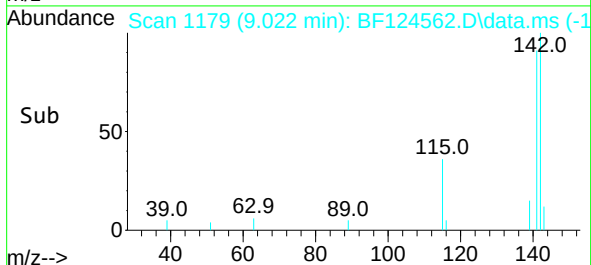
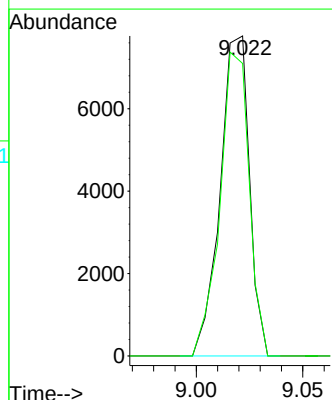
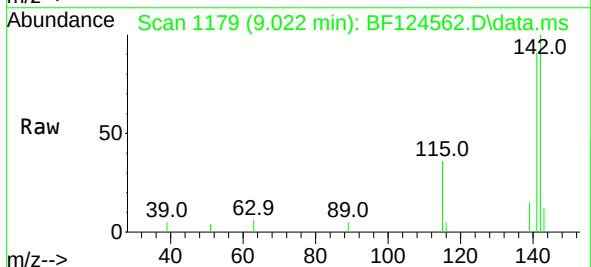
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

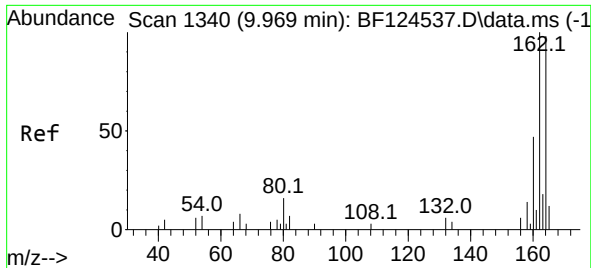
Tgt Ion:142 Resp: 8409
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 7.731 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:142 Resp: 7413
Ion Ratio Lower Upper
142 100
141 91.4 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF124562.D

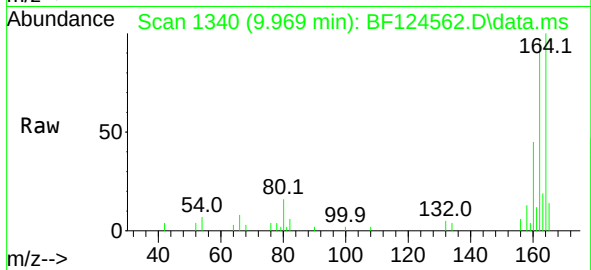
Acq: 14 Jul 2021 13:44

Instrument :

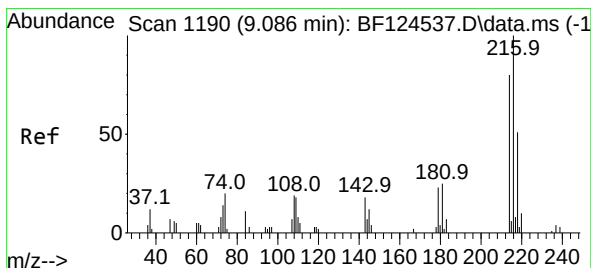
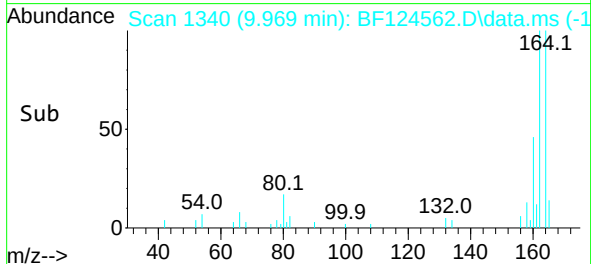
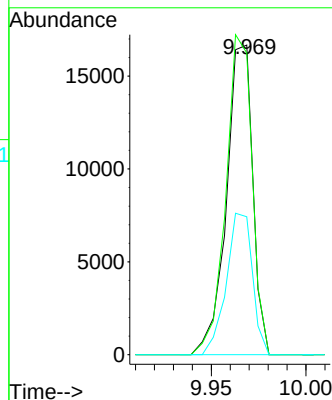
BNA_F

ClientSampleId :

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Tgt Ion:164	Resp:	16123
Ion Ratio	Lower	Upper
164	100	
162	97.5	81.3 121.9
160	44.6	38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.639 ng

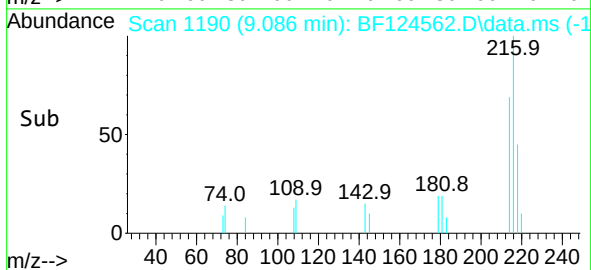
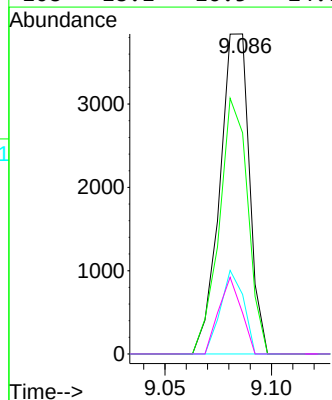
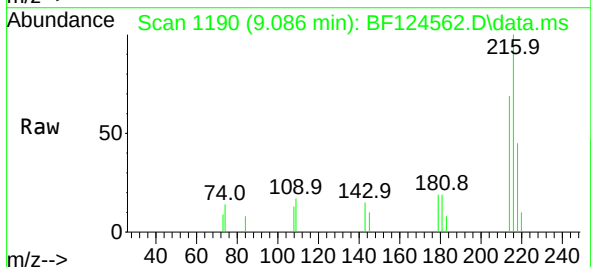
RT: 9.086 min Scan# 1190

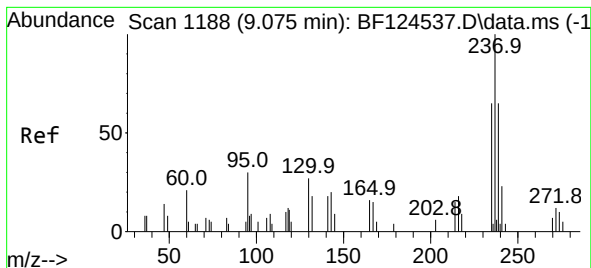
Delta R.T. 0.000 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

Tgt Ion:216	Resp:	3715
Ion Ratio	Lower	Upper
216	100	
214	77.1	64.9 97.3
179	20.2	17.4 26.2
108	18.1	16.5 24.7



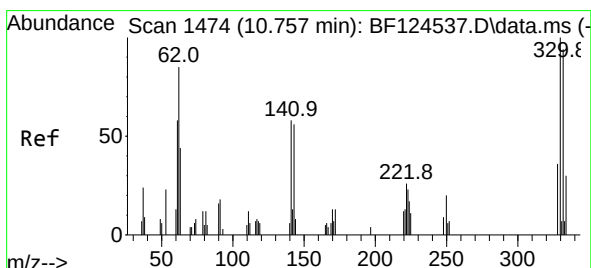
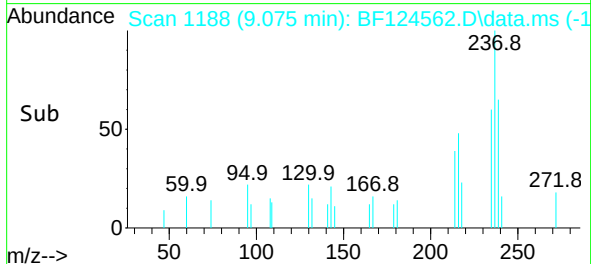
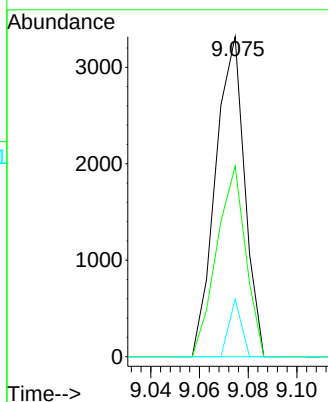
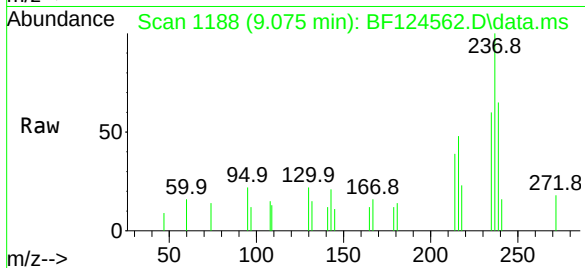


#41

Hexachlorocyclopentadiene
Concen: 10.237 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

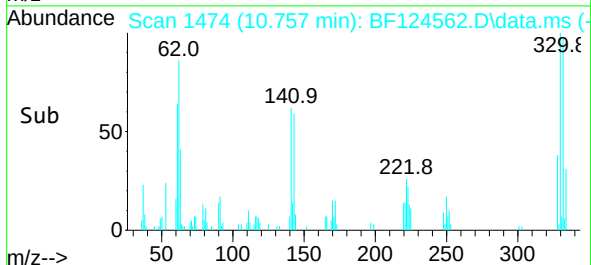
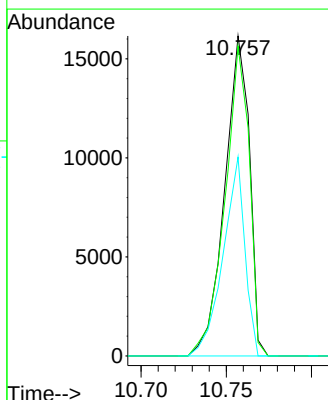
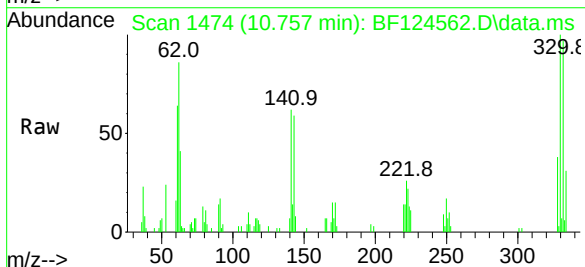
Tgt Ion:237	Resp:	2750
Ion Ratio	Lower	Upper
237	100	
235	59.5	44.7 84.7
272	18.0	0.0 31.6

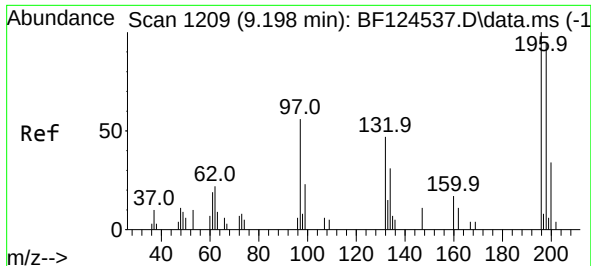


#42

2,4,6-Tribromophenol
Concen: 130.130 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:330	Resp:	16327
Ion Ratio	Lower	Upper
330	100	
332	94.9	76.2 114.4
141	54.8	44.6 66.8

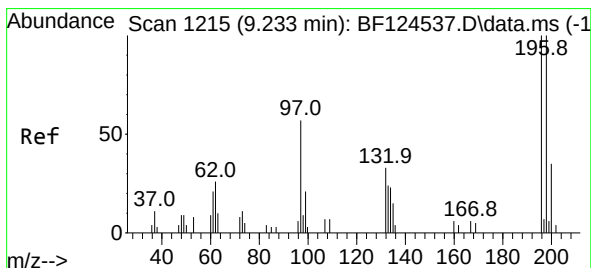
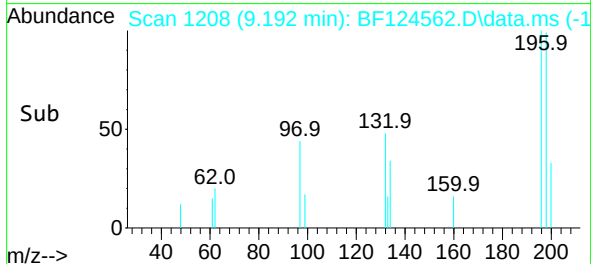
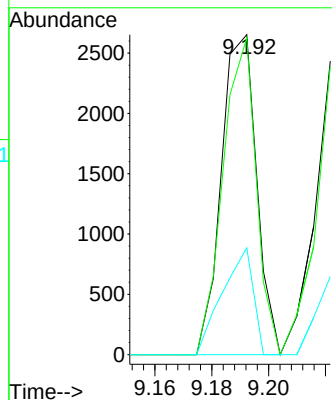
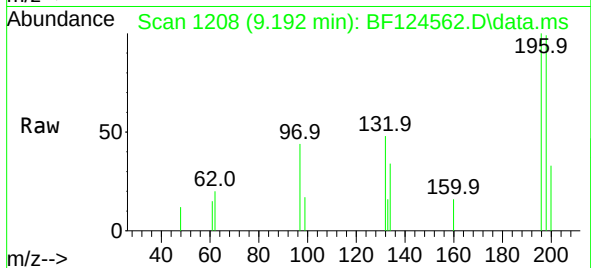




#43
2,4,6-Trichlorophenol
Concen: 7.351 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

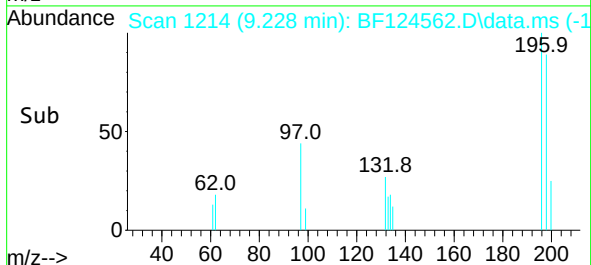
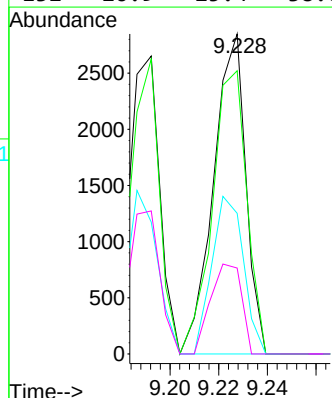
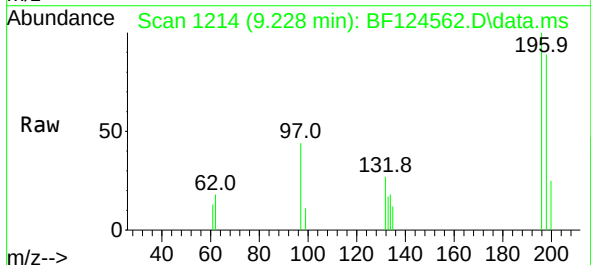
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

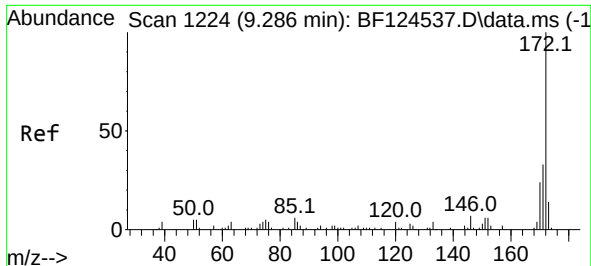
Tgt Ion:196 Resp: 2282
Ion Ratio Lower Upper
196 100
198 99.0 74.9 112.3
200 33.4 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 8.201 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:196 Resp: 2626
Ion Ratio Lower Upper
196 100
198 88.5 80.2 120.2
97 44.0 44.0 66.0#
132 26.9 25.4 38.0

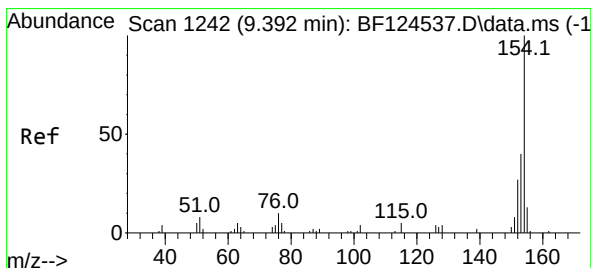
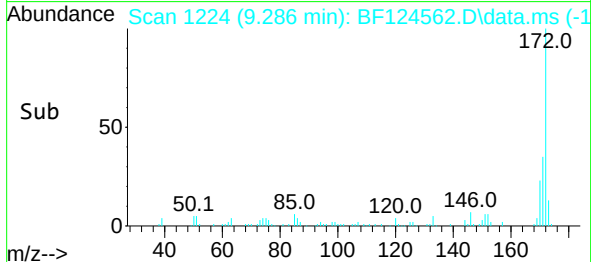
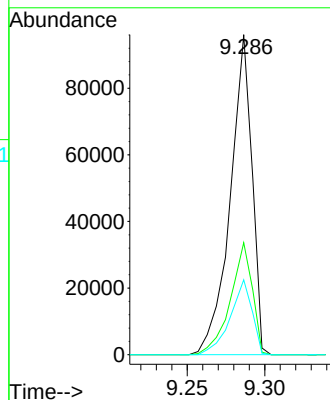
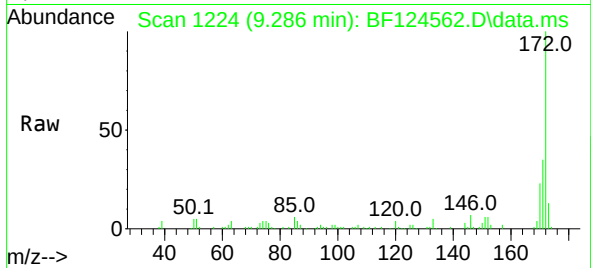




#45
2-Fluorobiphenyl
Concen: 84.707 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

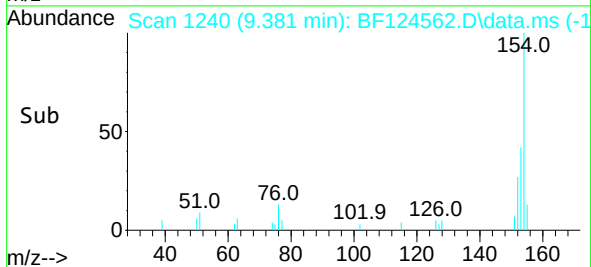
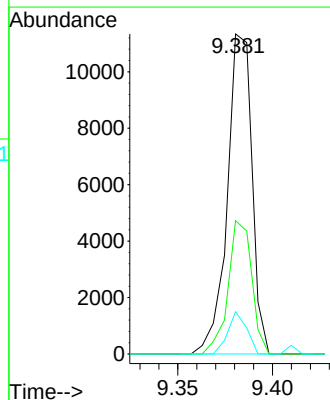
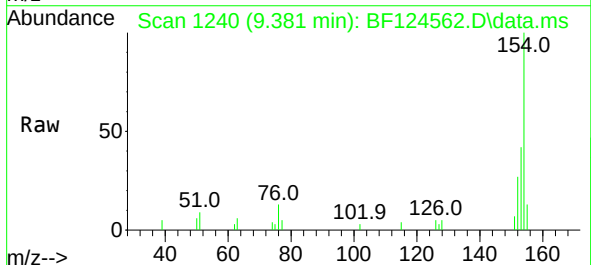
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

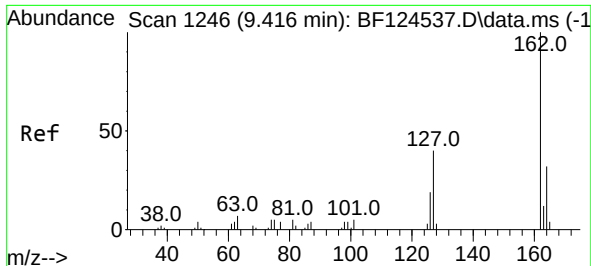
Tgt Ion:172	Resp:	93656
Ion Ratio	Lower	Upper
172	100	
171	35.0	26.5 39.7
170	23.4	18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.390 ng
RT: 9.381 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:154	Resp:	10274
Ion Ratio	Lower	Upper
154	100	
153	41.7	20.0 60.0
76	13.2	0.0 30.3

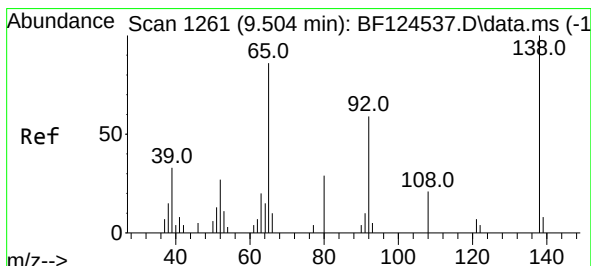
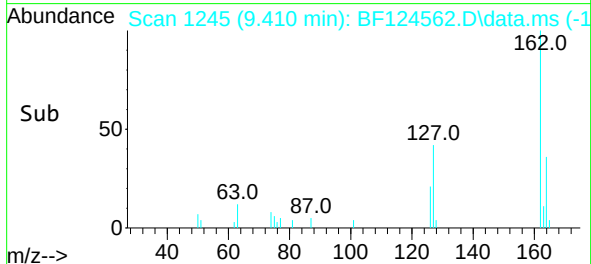
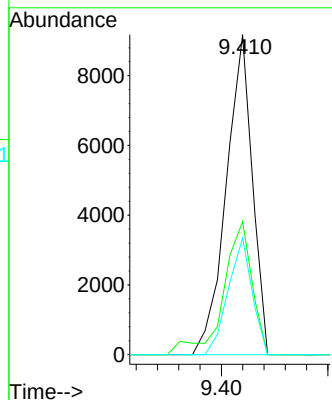
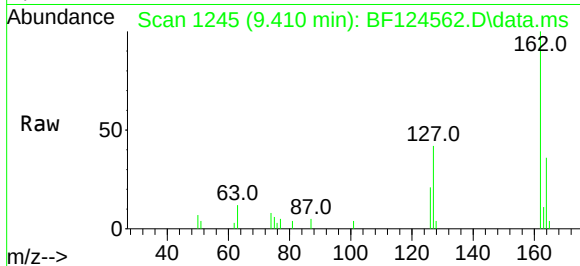




#47
2-Chloronaphthalene
Concen: 8.111 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

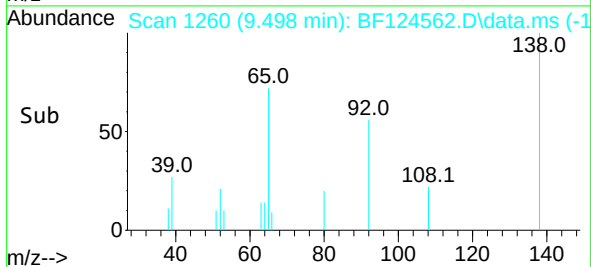
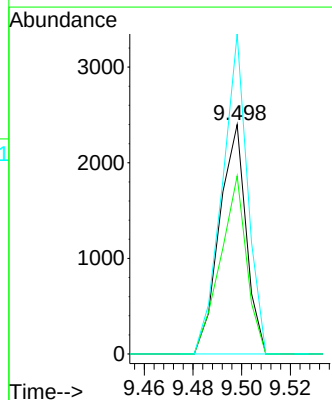
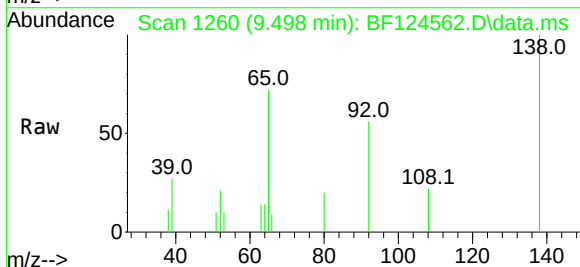
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

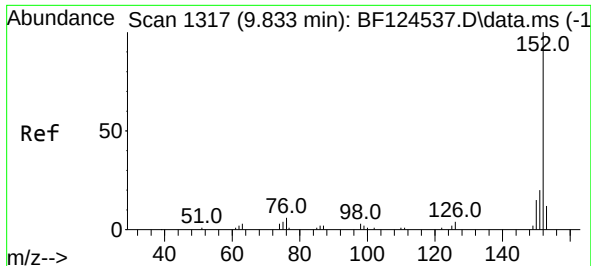
Tgt Ion:	162	Resp:	7787
Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.0	49.4
164	36.5	25.8	38.8



#48
2-Nitroaniline
Concen: 7.879 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

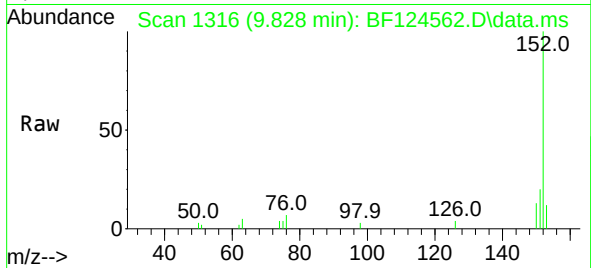
Tgt Ion:	65	Resp:	1819
Ion	Ratio	Lower	Upper
65	100		
92	77.6	55.5	83.3
138	139.5	93.5	140.3



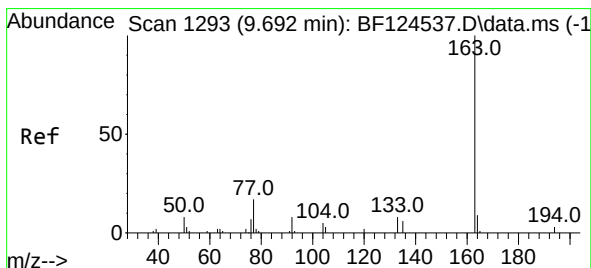
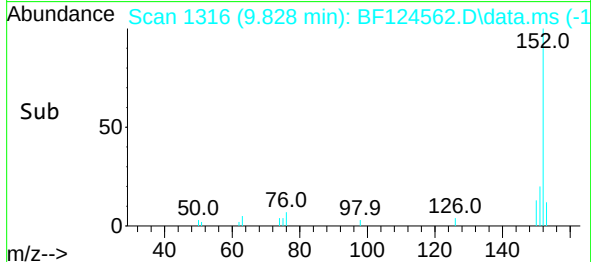
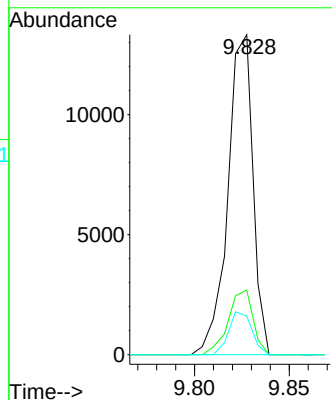


#49
Acenaphthylene
Concen: 8.186 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Instrument :
BNA_F
ClientSampleId :
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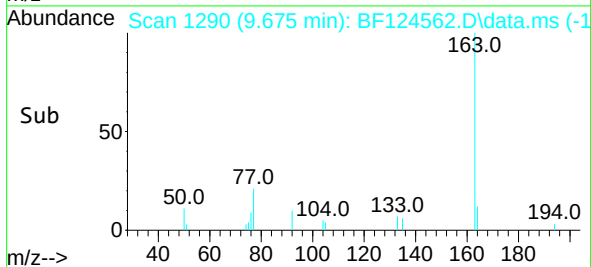
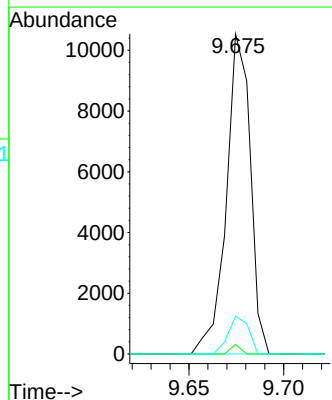
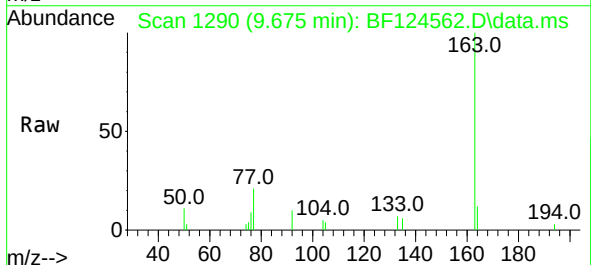


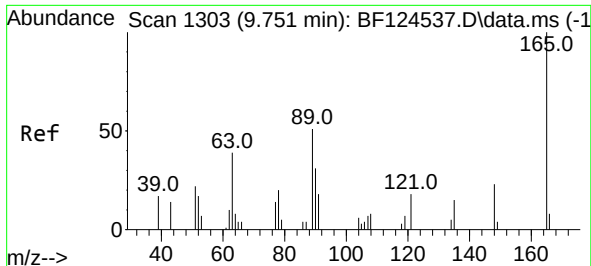
Tgt Ion:152 Resp: 12264
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.1 9.8 14.8



#50
Dimethylphthalate
Concen: 8.259 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:163 Resp: 9264
Ion Ratio Lower Upper
163 100
194 3.0 2.6 3.8
164 11.8 7.4 11.0#

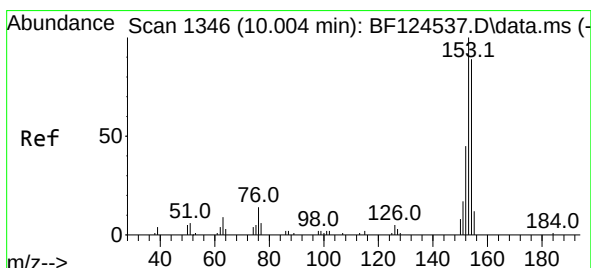
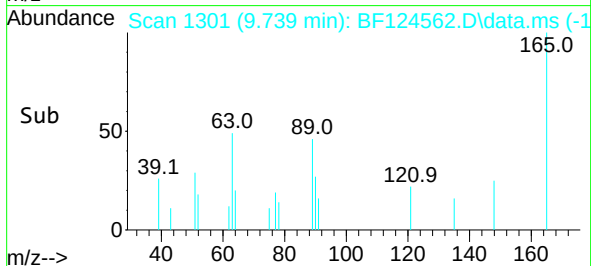
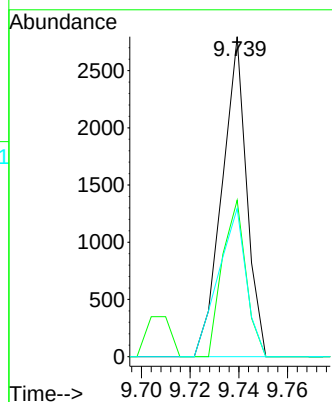
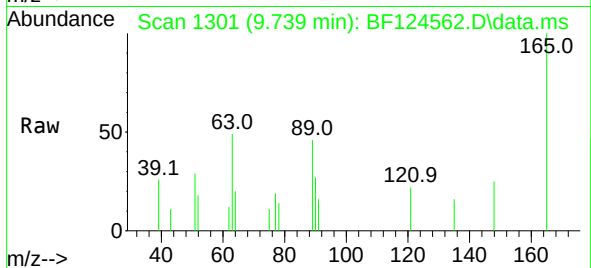




#51
2,6-Dinitrotoluene
Concen: 8.899 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

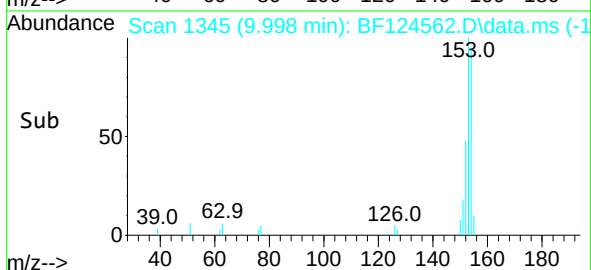
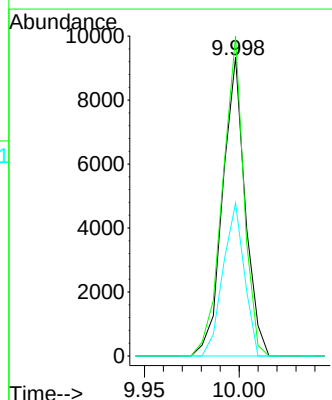
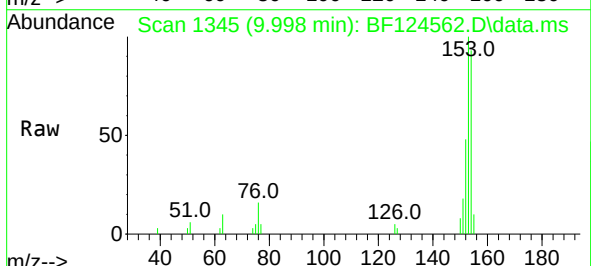
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

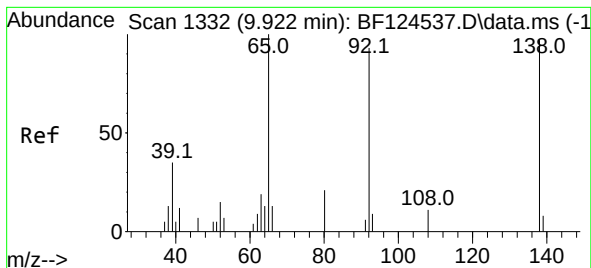
Tgt Ion:165 Resp: 1968
Ion Ratio Lower Upper
165 100
63 48.9 42.6 63.8
89 46.3 40.6 60.8



#52
Acenaphthene
Concen: 8.038 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:154 Resp: 7700
Ion Ratio Lower Upper
154 100
153 107.1 89.4 134.2
152 51.2 40.5 60.7

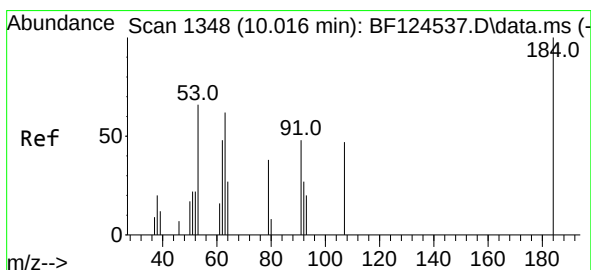
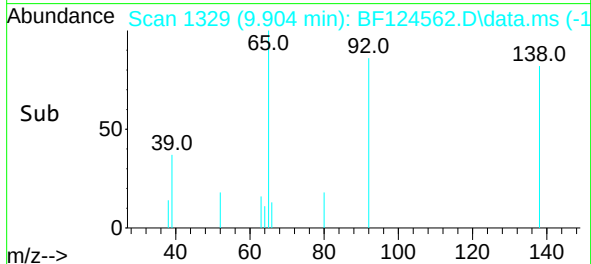
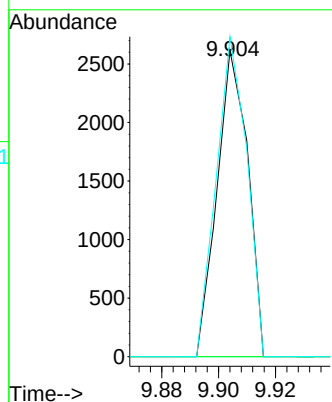
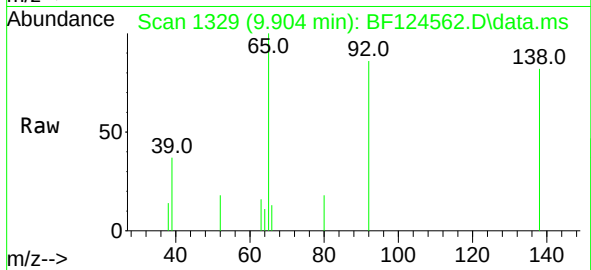




#53
3-Nitroaniline
Concen: 7.947 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

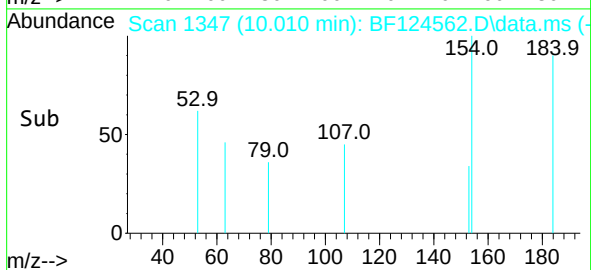
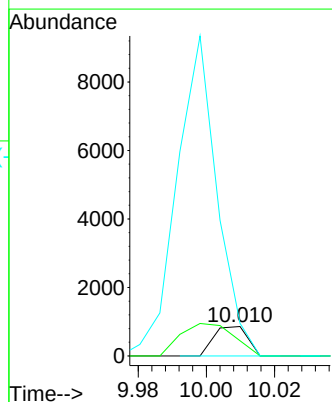
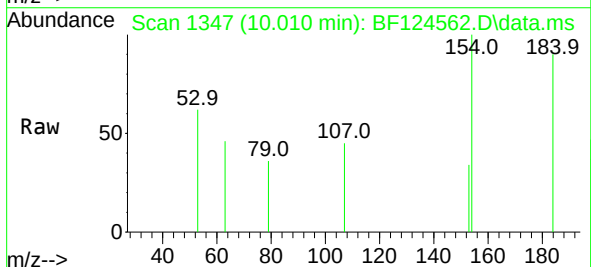
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

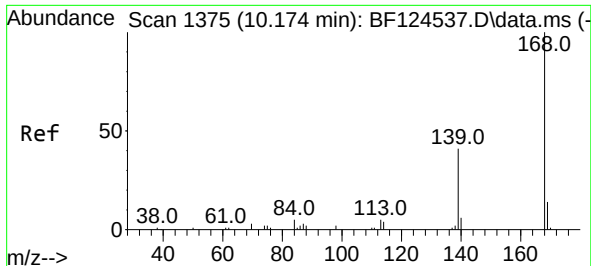
Tgt Ion:138 Resp: 1961
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 104.5 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 5.130 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:184 Resp: 592
Ion Ratio Lower Upper
184 100
63 51.7 59.3 88.9#
154 111.2 68.6 102.8#

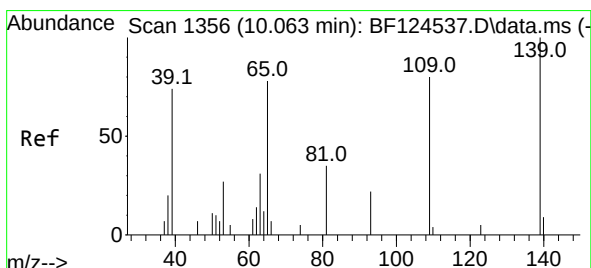
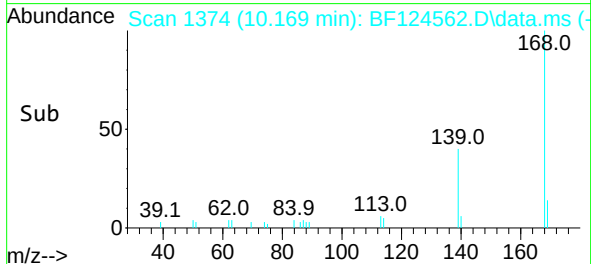
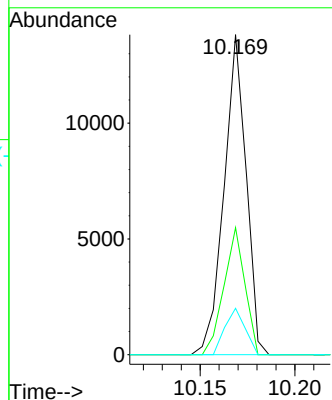
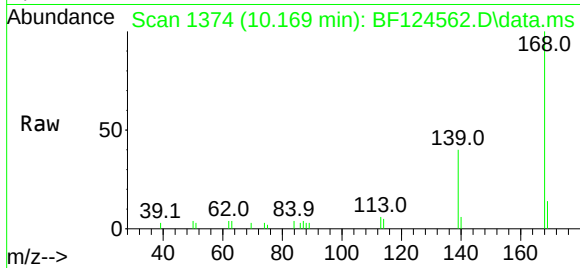




#55
Dibenzenofuran
Concen: 7.939 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

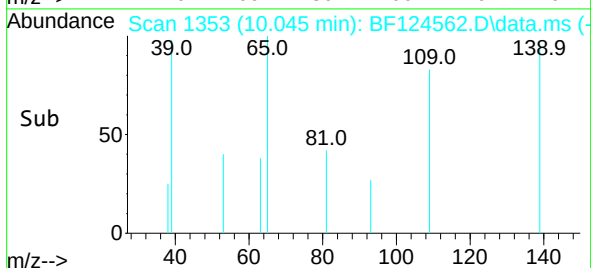
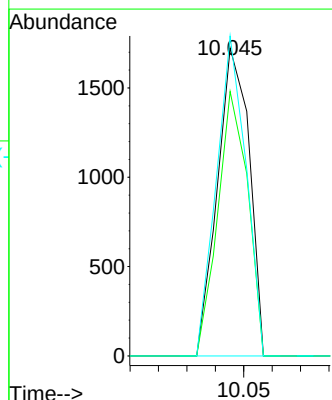
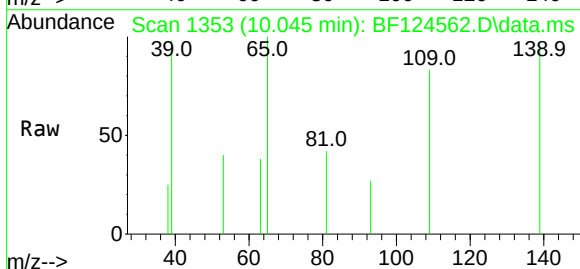
Instrument :
BNA_F
ClientSampleId :
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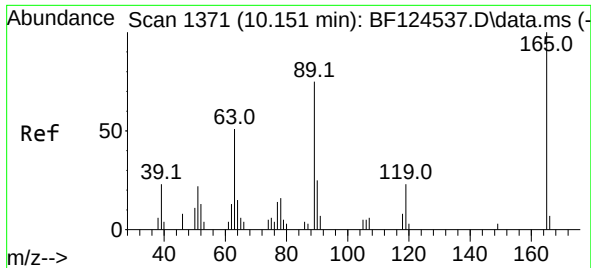
Tgt Ion:168 Resp: 11182
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1
169 14.5 11.2 16.8



#56
4-Nitrophenol
Concen: 6.524 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:139 Resp: 1340
Ion Ratio Lower Upper
139 100
109 85.8 60.4 100.4
65 103.9 58.4 98.4#

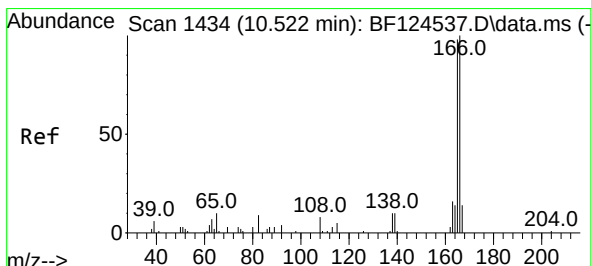
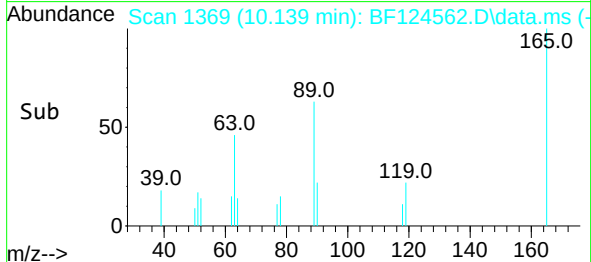
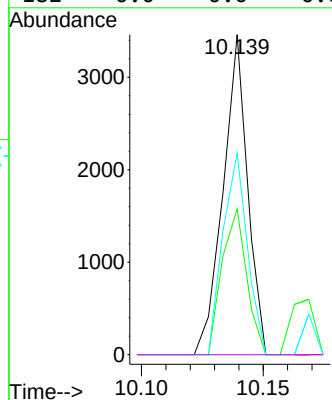
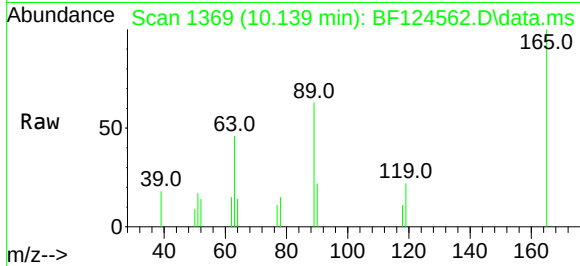




#57
2,4-Dinitrotoluene
Concen: 7.994 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

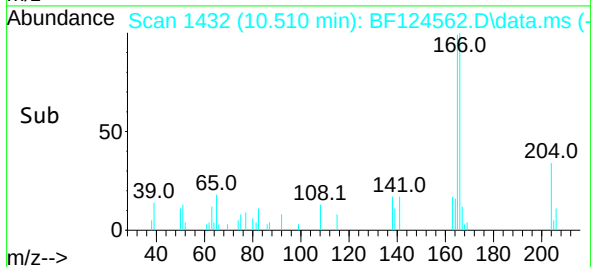
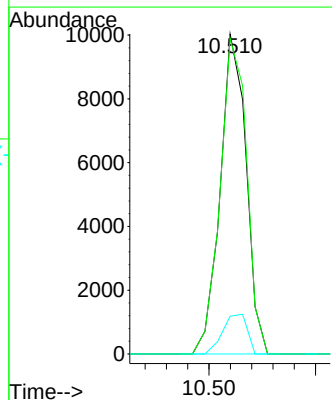
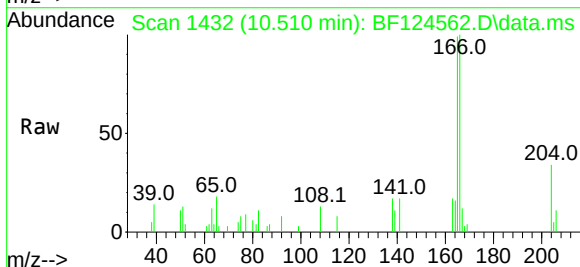
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

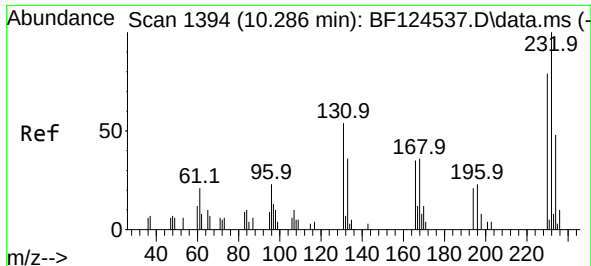
Tgt Ion:	165	Resp:	2420
Ion	Ratio	Lower	Upper
165	100		
63	45.6	40.9	61.3
89	63.0	59.7	89.5
182	0.0	0.0	0.0



#58
Fluorene
Concen: 7.792 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:	166	Resp:	8489
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.1	117.1
167	11.8	11.1	16.7

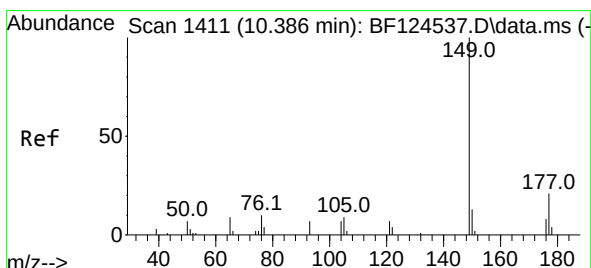
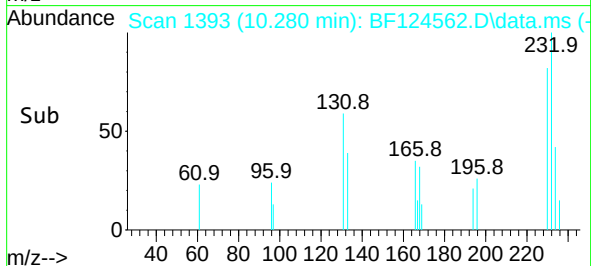
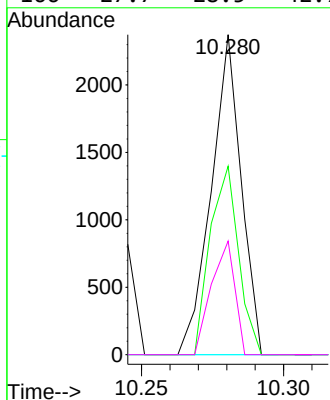
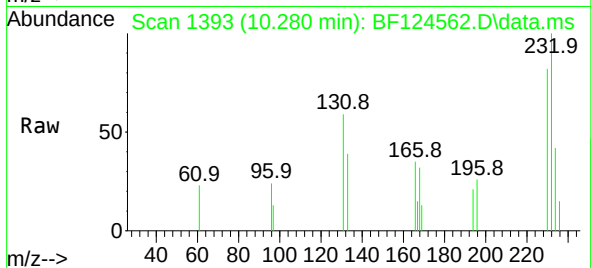




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.024 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

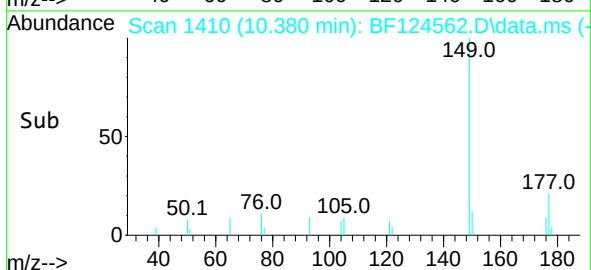
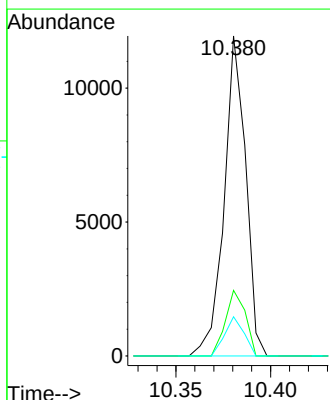
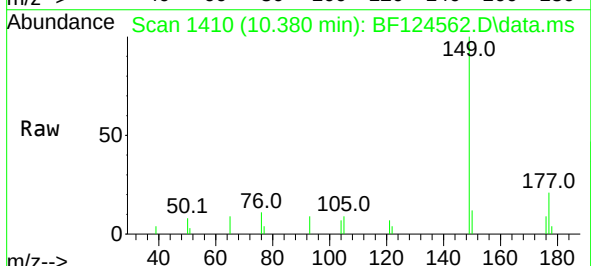
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

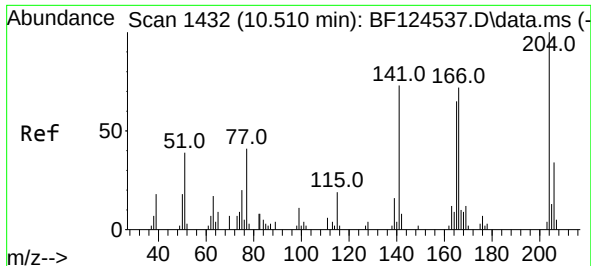
Tgt Ion:232 Resp: 1737
Ion Ratio Lower Upper
232 100
131 55.8 45.4 68.0
130 0.0 0.0 0.0
166 27.7 28.5 42.7#



#60
Diethylphthalate
Concen: 8.040 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:149 Resp: 9430
Ion Ratio Lower Upper
149 100
177 20.5 16.5 24.7
150 12.2 10.1 15.1

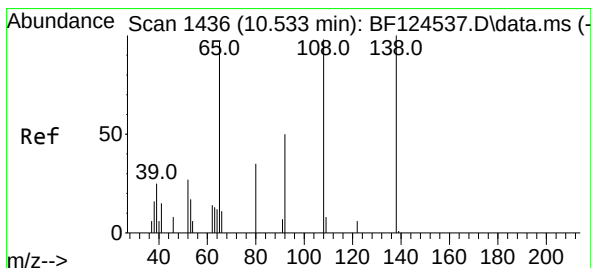
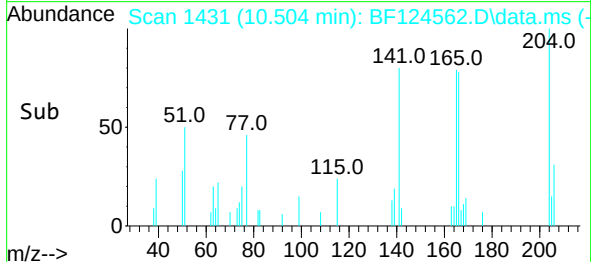
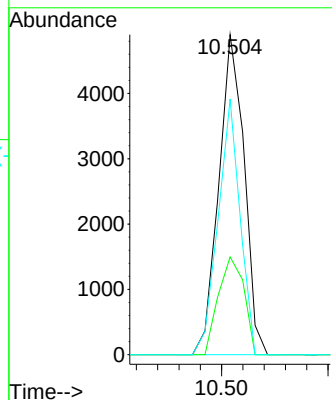
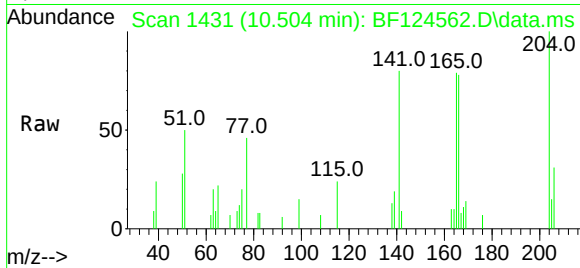




#61
4-Chlorophenyl-phenylether
Concen: 8.194 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

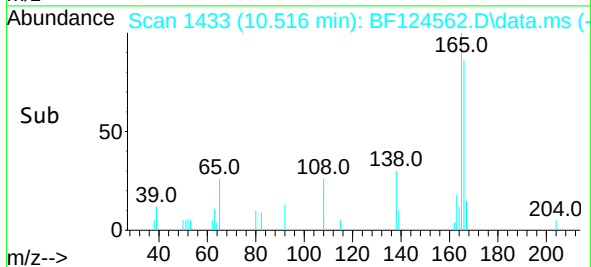
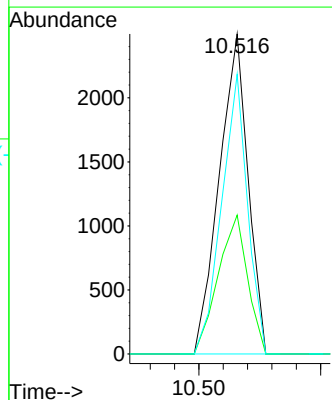
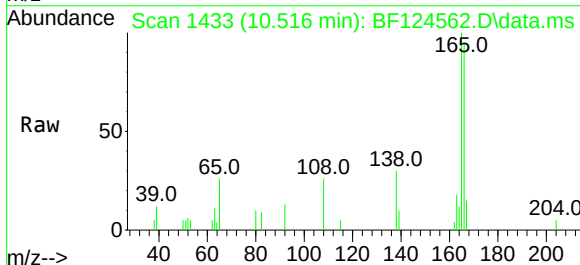
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

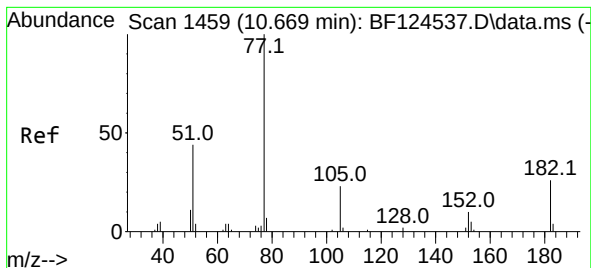
Tgt Ion:204 Resp: 4052
Ion Ratio Lower Upper
204 100
206 30.6 27.6 41.4
141 79.9 58.6 88.0



#62
4-Nitroaniline
Concen: 8.251 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:138 Resp: 2052
Ion Ratio Lower Upper
138 100
92 43.4 29.6 69.6
108 87.4 78.1 118.1

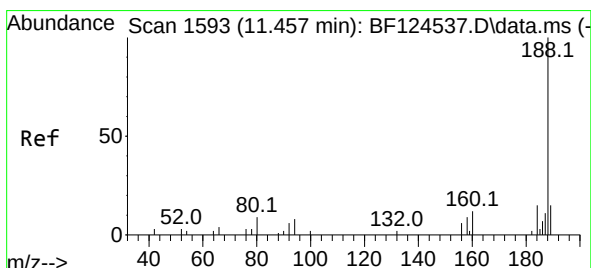
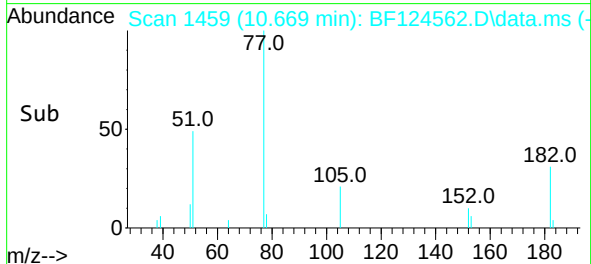
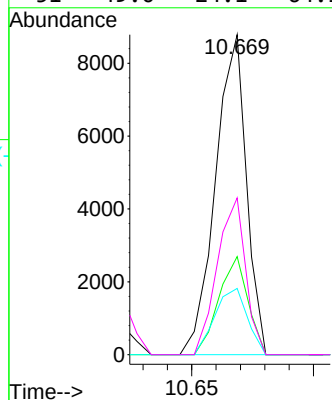
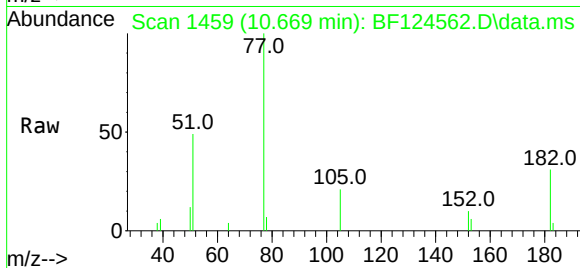




#63
Azobenzene
Concen: 7.545 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

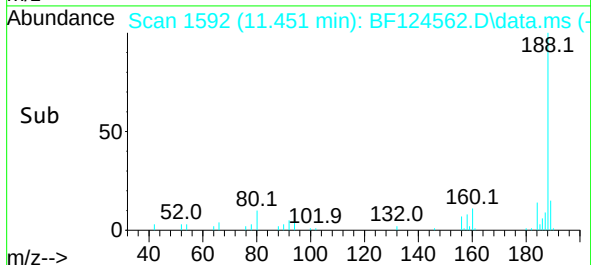
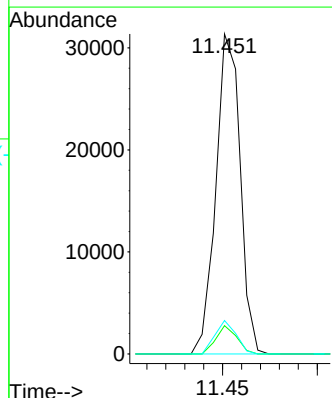
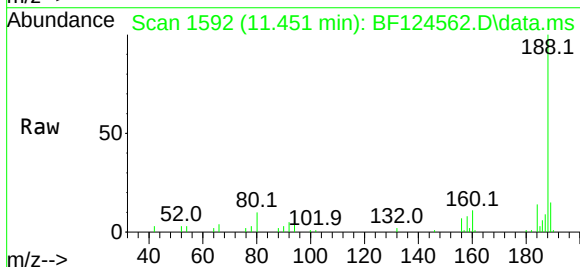
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

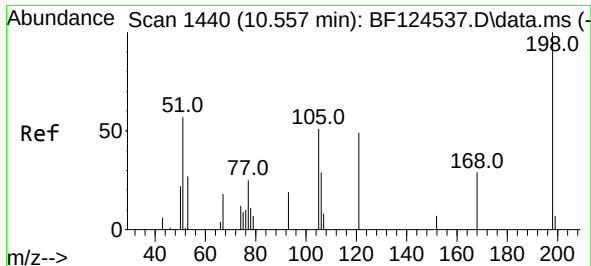
Tgt Ion: 77	Resp: 7735
Ion Ratio	Lower Upper
77 100	
182 30.6	6.3 46.3
105 20.7	2.9 42.9
51 49.0	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:188	Resp: 27943
Ion Ratio	Lower Upper
188 100	
94 8.9	6.7 10.1
80 10.4	7.5 11.3

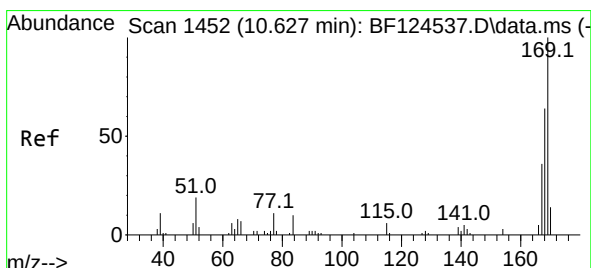
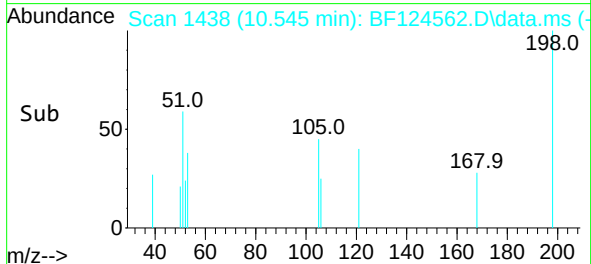
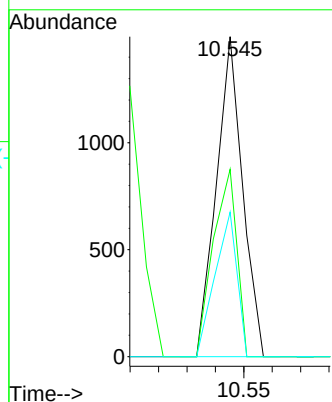
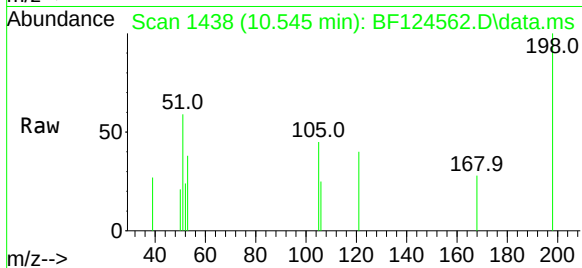




#65
4,6-Dinitro-2-methylphenol
Concen: 6.008 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

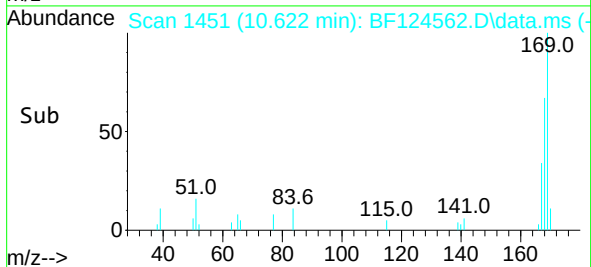
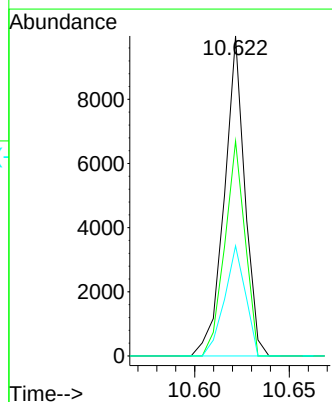
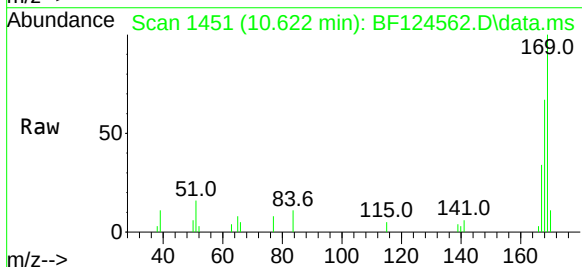
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

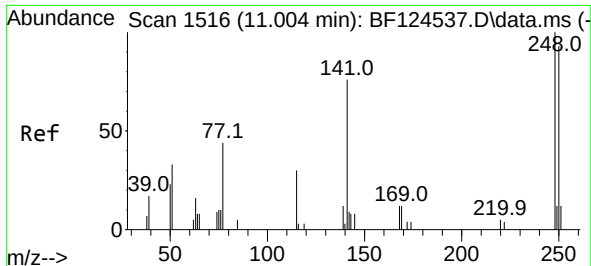
Tgt Ion:198 Resp: 959
Ion Ratio Lower Upper
198 100
51 58.6 45.3 85.3
105 45.2 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 8.252 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:169 Resp: 7508
Ion Ratio Lower Upper
169 100
168 67.1 50.8 76.2
167 34.4 28.8 43.2

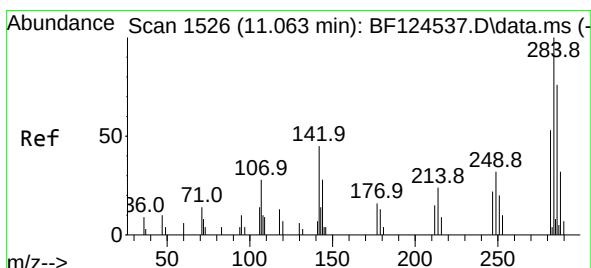
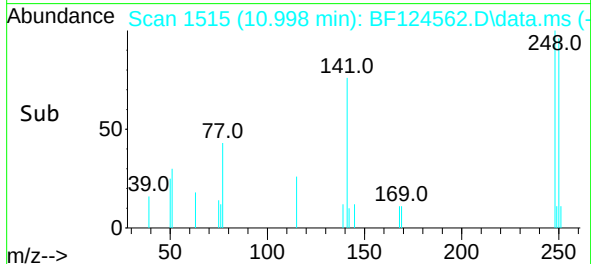
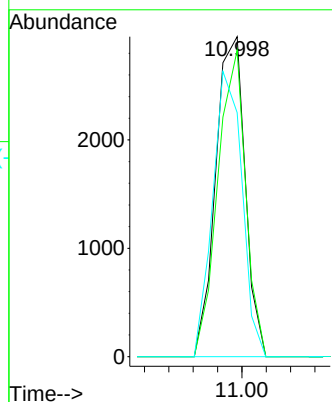
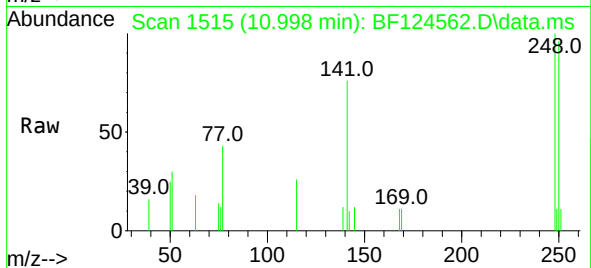




#67
4-Bromophenyl-phenylether
Concen: 8.566 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

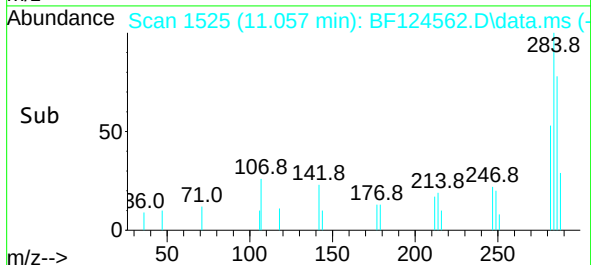
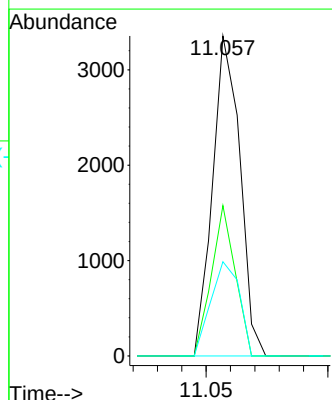
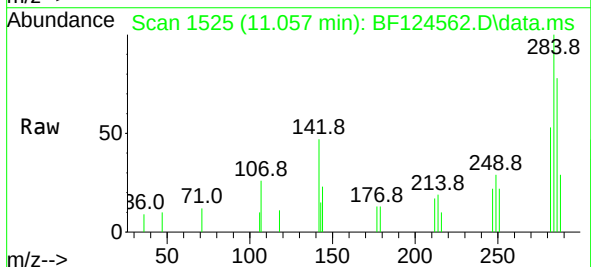
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

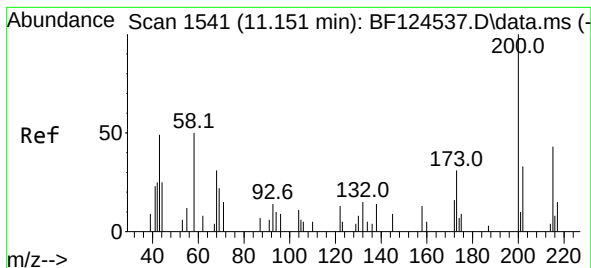
Tgt Ion:248 Resp: 2475
Ion Ratio Lower Upper
248 100
250 95.7 74.2 111.4
141 76.2 60.4 90.6



#68
Hexachlorobenzene
Concen: 8.843 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:284 Resp: 2618
Ion Ratio Lower Upper
284 100
142 47.0 36.4 54.6
249 29.4 25.6 38.4

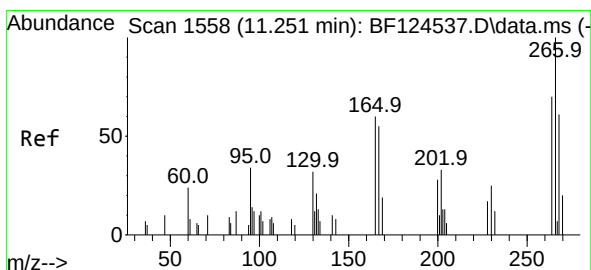
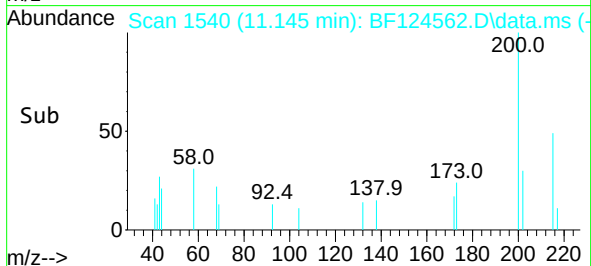
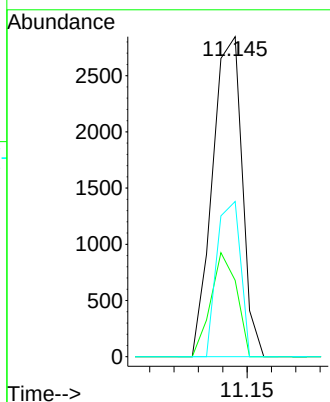
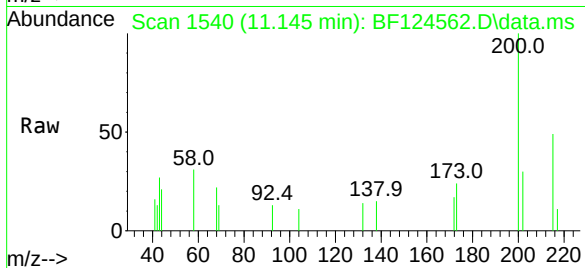




#69
Atrazine
Concen: 8.638 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

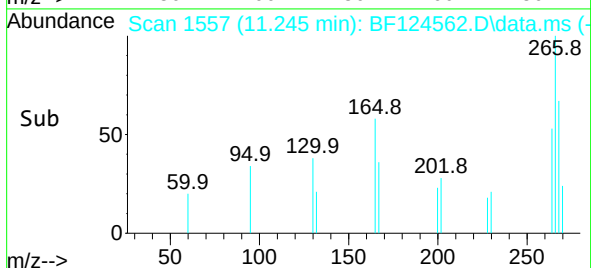
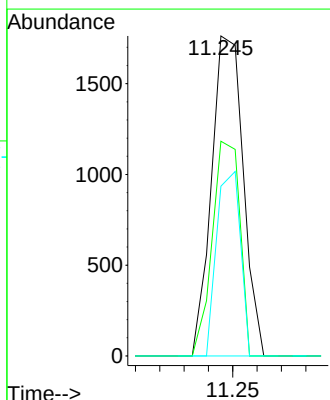
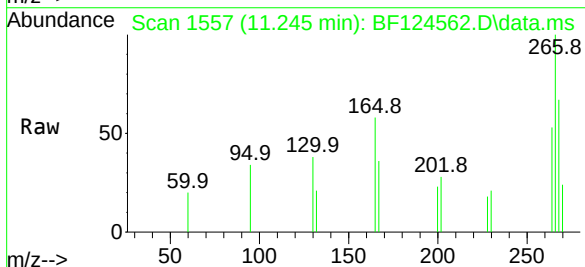
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

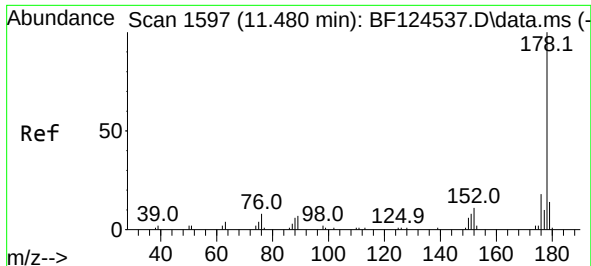
Tgt Ion:200 Resp: 2407
Ion Ratio Lower Upper
200 100
173 23.9 11.1 51.1
215 48.5 22.7 62.7



#70
Pentachlorophenol
Concen: 8.529 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:266 Resp: 1597
Ion Ratio Lower Upper
266 100
268 67.1 48.9 73.3
264 53.0 55.9 83.9#

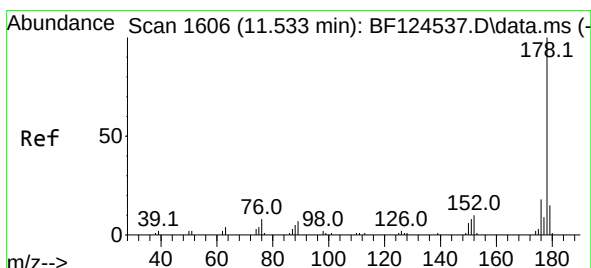
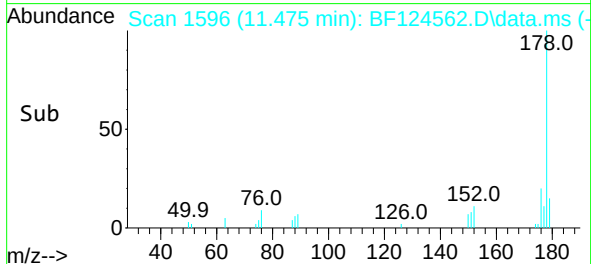
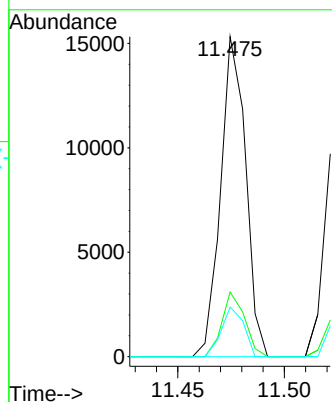
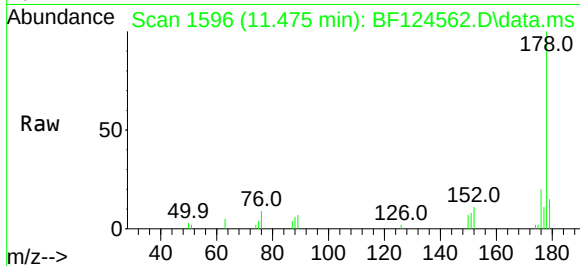




#71
Phenanthrene
Concen: 8.219 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

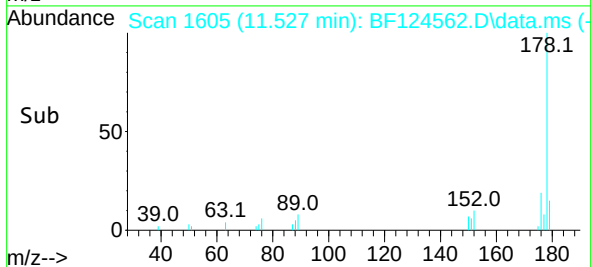
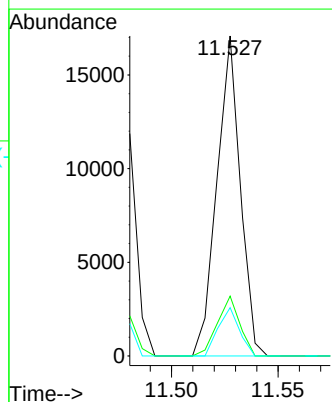
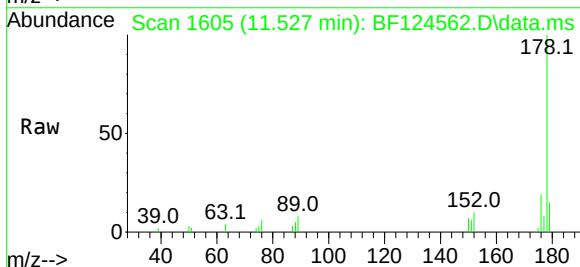
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

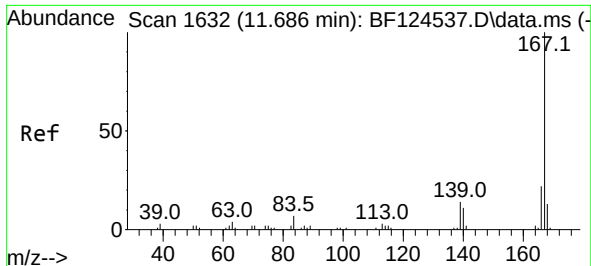
Tgt Ion:178 Resp: 12530
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 15.5 11.5 17.3



#72
Anthracene
Concen: 8.510 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

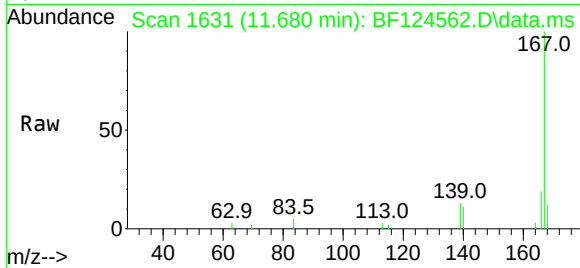
Tgt Ion:178 Resp: 13015
Ion Ratio Lower Upper
178 100
176 18.7 14.3 21.5
179 15.1 12.2 18.4



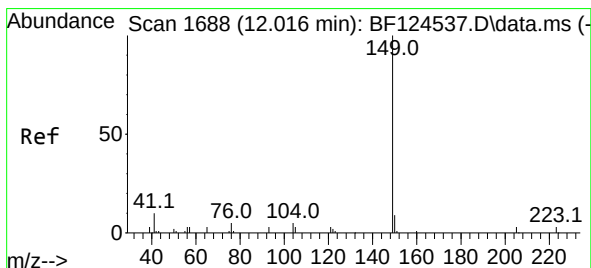
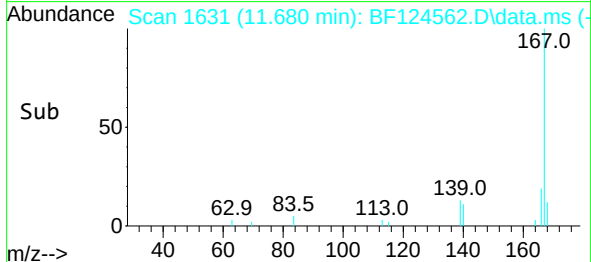
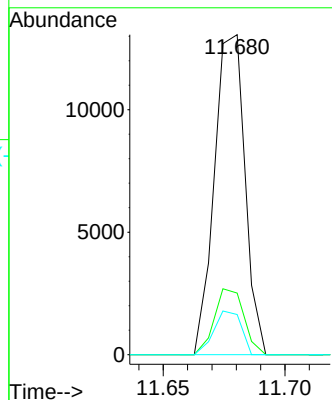


#73
Carbazole
Concen: 8.077 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

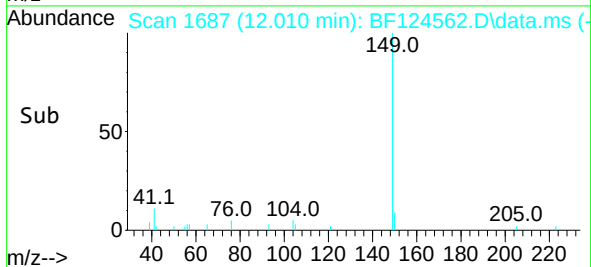
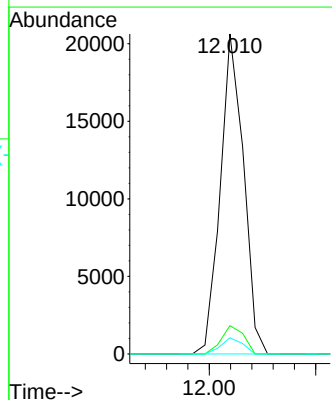
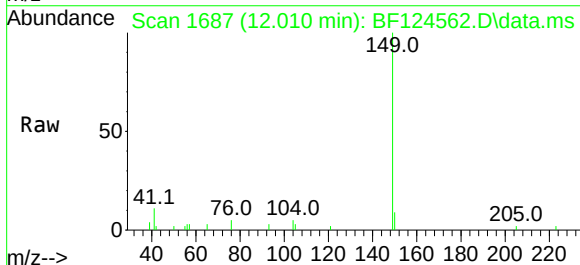


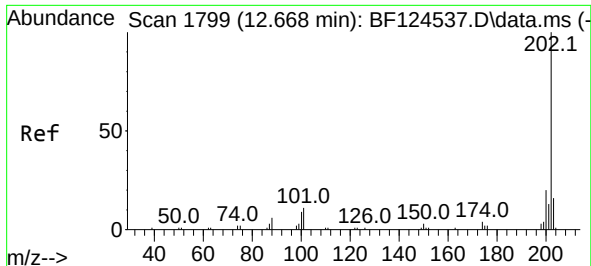
Tgt Ion:167 Resp: 11414
Ion Ratio Lower Upper
167 100
166 19.2 17.4 26.0
139 12.5 11.0 16.4



#74
Di-n-butylphthalate
Concen: 8.194 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:149 Resp: 15599
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.1 4.1 6.1

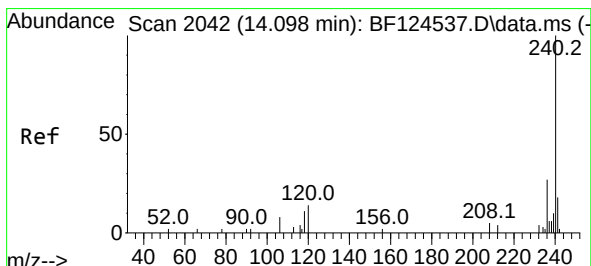
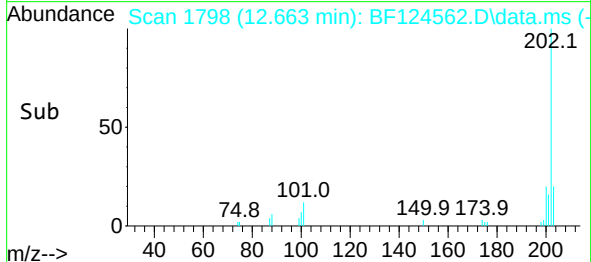
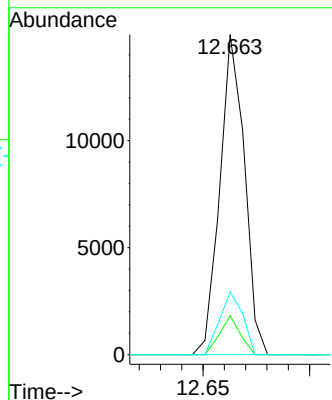
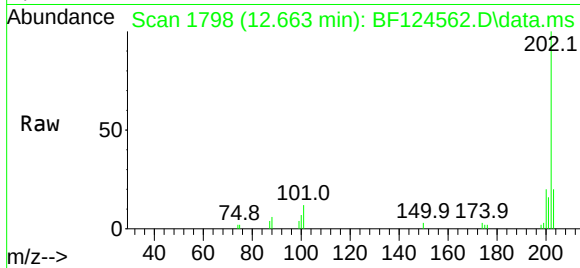




#75
Fluoranthene
Concen: 7.799 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

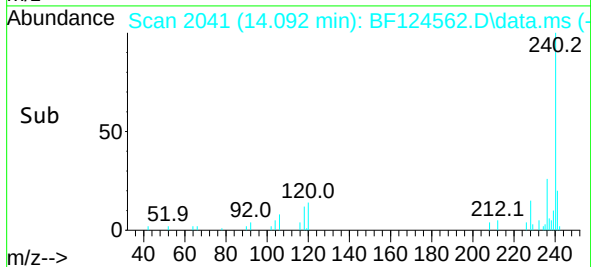
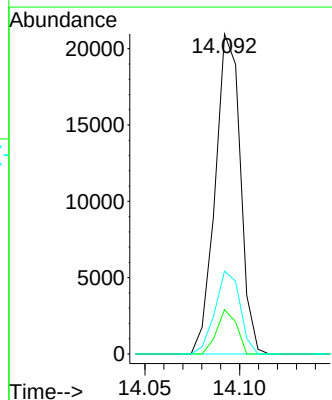
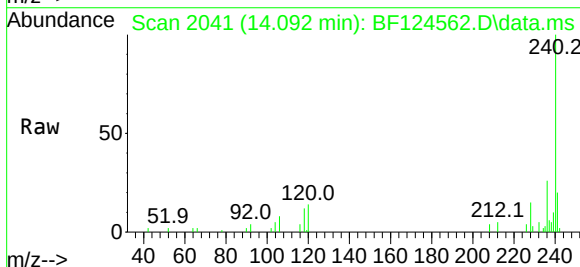
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ClientSampleId :
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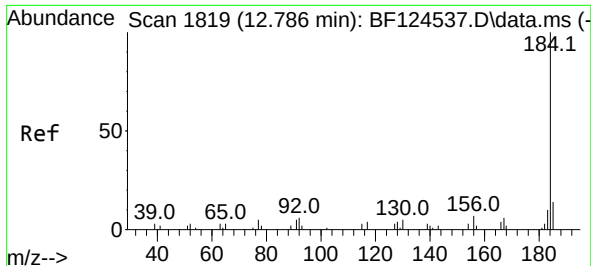
Tgt Ion:202 Resp: 11996
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 19.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:240 Resp: 19325
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.9 21.6 32.4

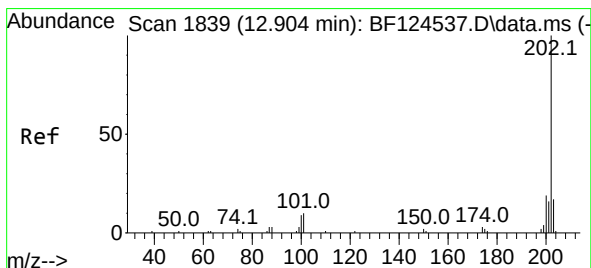
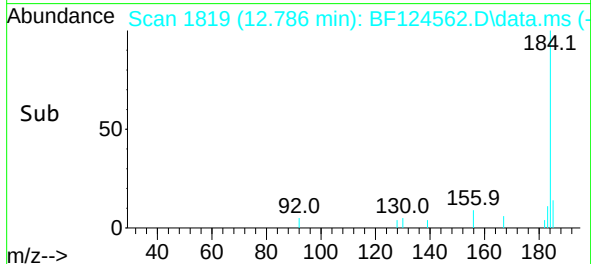
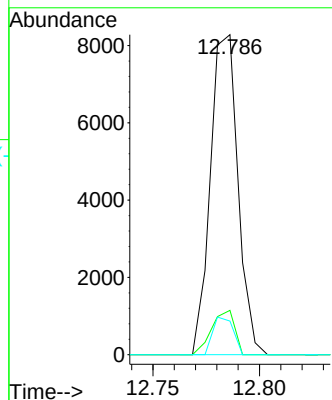
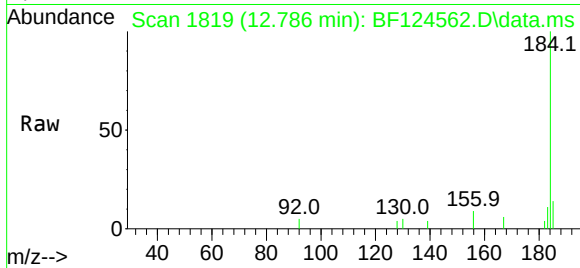




#77
Benzidine
Concen: 10.339 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

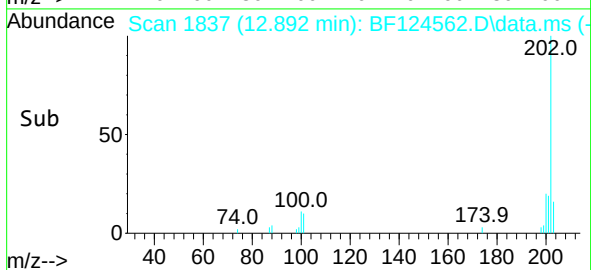
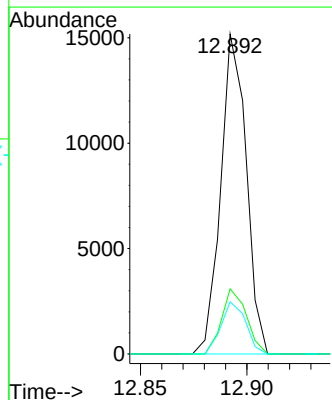
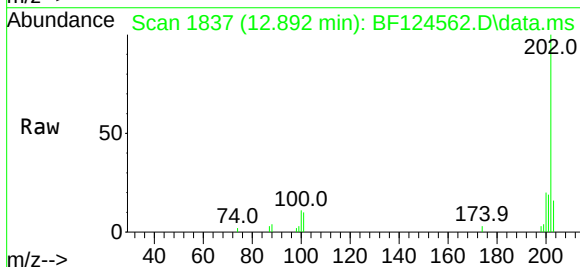
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ClientSampleId :
MDL-SOIL-03-QT3-2021

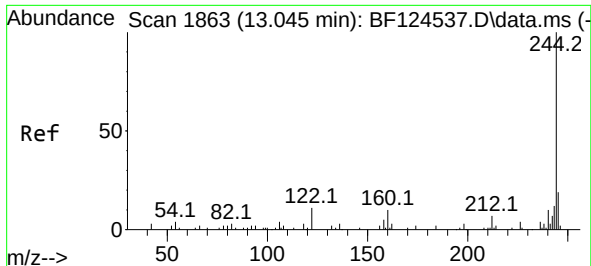
Tgt Ion:184 Resp: 7469
Ion Ratio Lower Upper
184 100
185 13.9 10.8 16.2
183 10.5 8.1 12.1



#78
Pyrene
Concen: 7.881 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:202 Resp: 12653
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 16.3 13.4 20.0

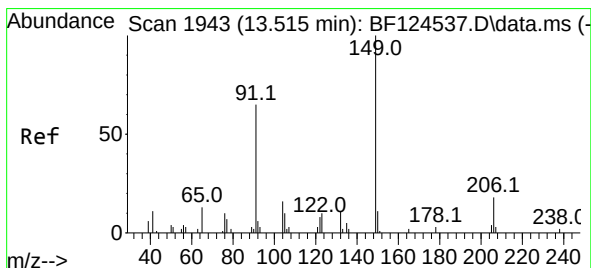
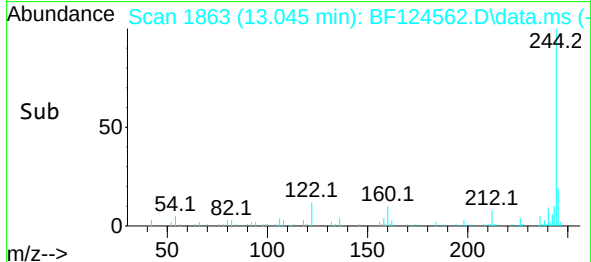
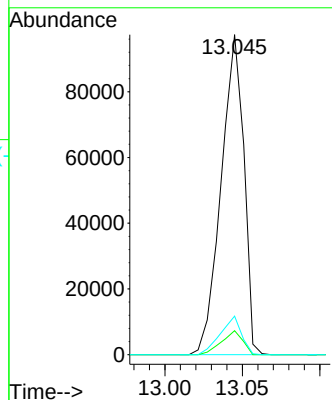
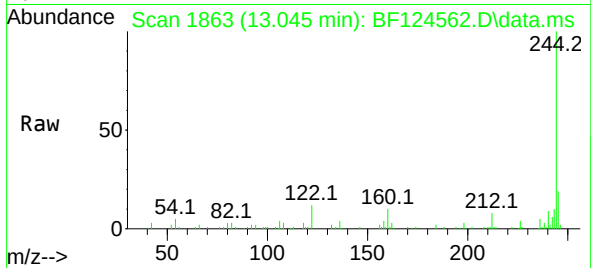




#79
Terphenyl-d14
Concen: 86.143 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

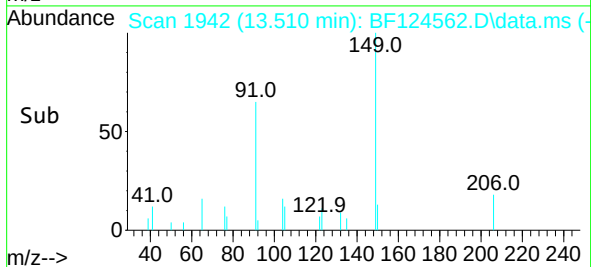
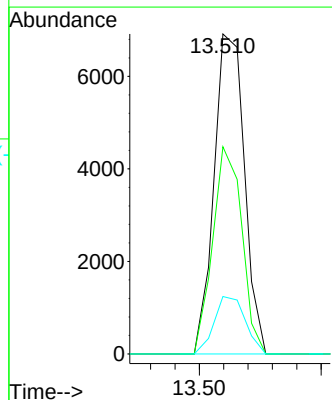
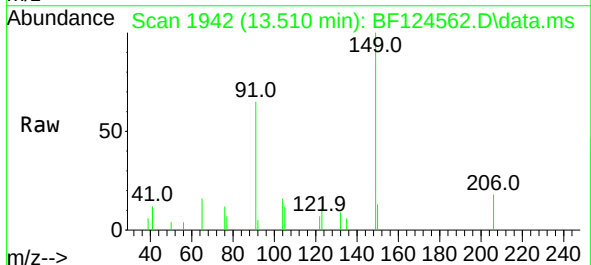
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

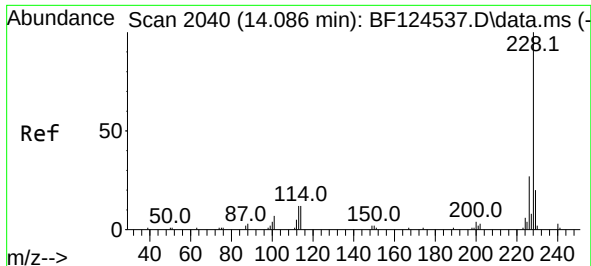
Tgt Ion:244 Resp: 99137
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.0 9.0 13.4



#80
Butylbenzylphthalate
Concen: 7.716 ng
RT: 13.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:149 Resp: 5990
Ion Ratio Lower Upper
149 100
91 64.7 51.8 77.8
206 17.9 14.5 21.7

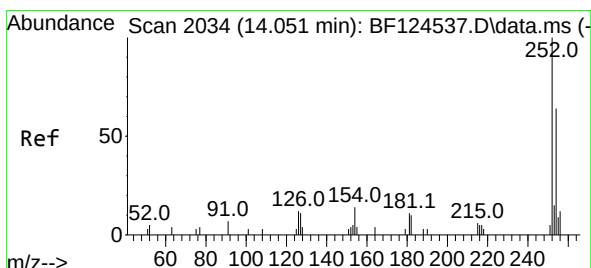
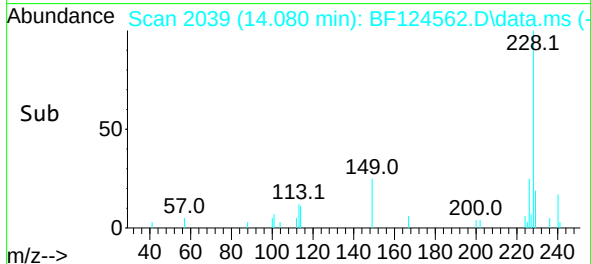
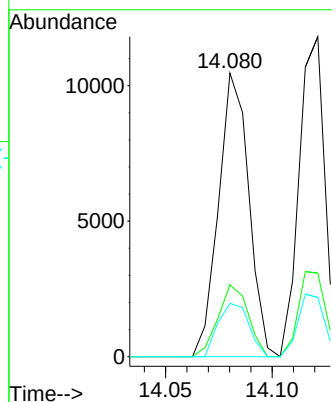
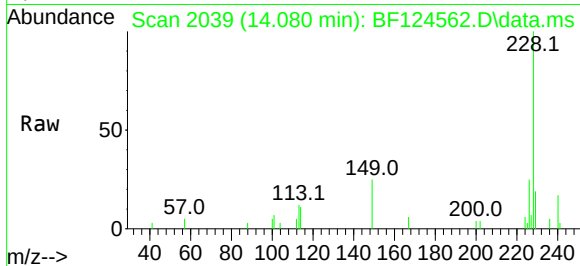




#81
Benzo(a)anthracene
Concen: 8.064 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

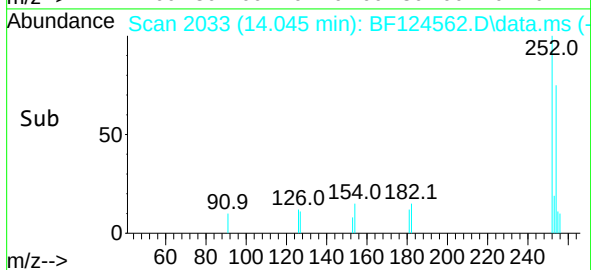
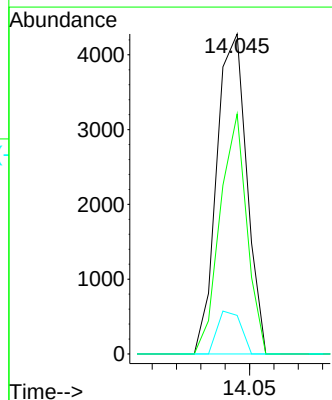
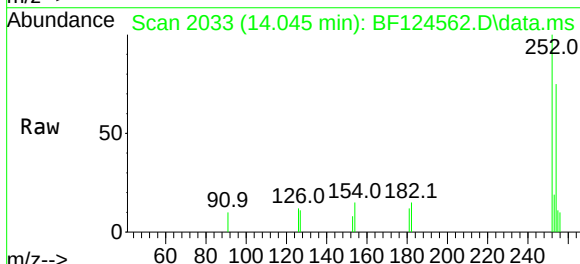
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

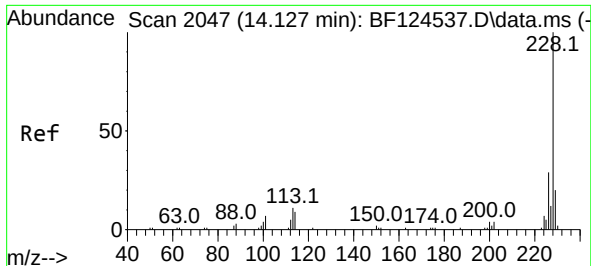
Tgt Ion:228	Resp:	10335
Ion Ratio	Lower	Upper
228	100	
226	25.4	21.6 32.4
229	18.8	15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 10.947 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:252	Resp:	3675
Ion Ratio	Lower	Upper
252	100	
254	75.0	51.4 77.0
126	12.1	9.5 14.3

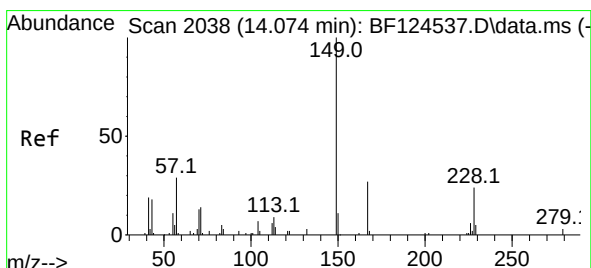
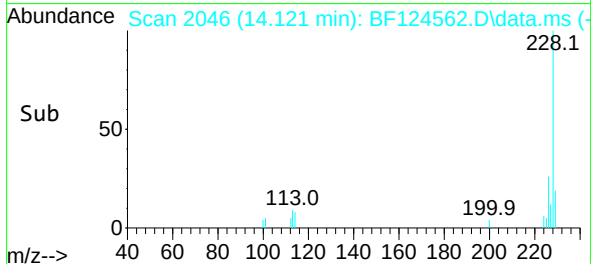
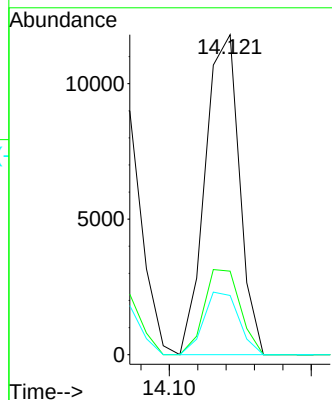
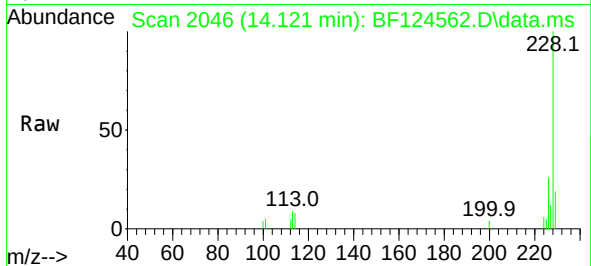




#83
Chrysene
Concen: 8.042 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

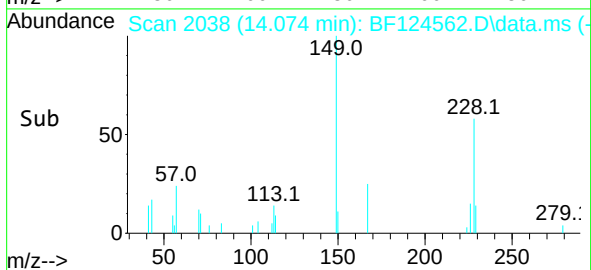
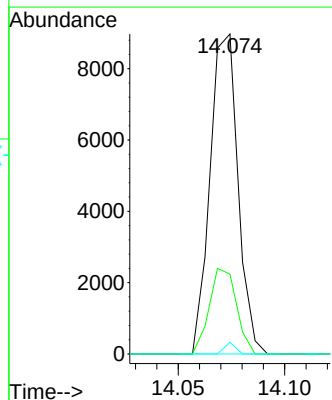
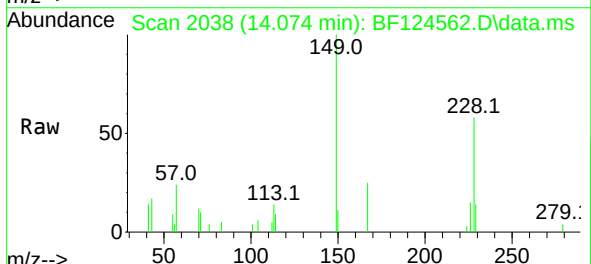
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

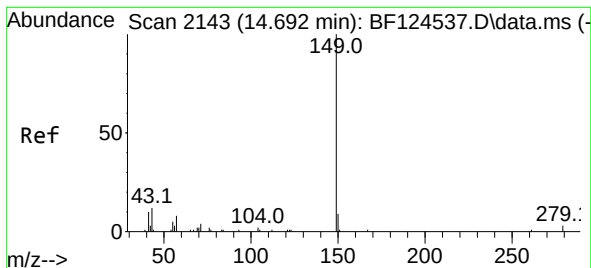
Tgt Ion:228	Resp:	9874
Ion Ratio	Lower	Upper
228	100	
226	26.1	22.6 34.0
229	18.5	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.860 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:149	Resp:	8192
Ion Ratio	Lower	Upper
149	100	
167	24.9	21.4 32.0
279	3.7	2.6 4.0

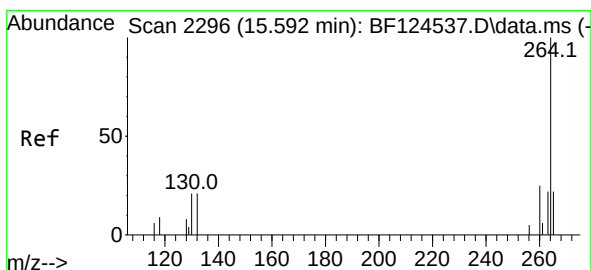
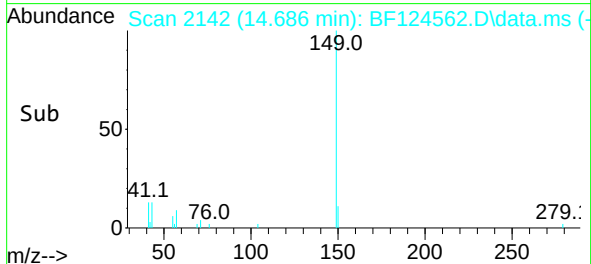
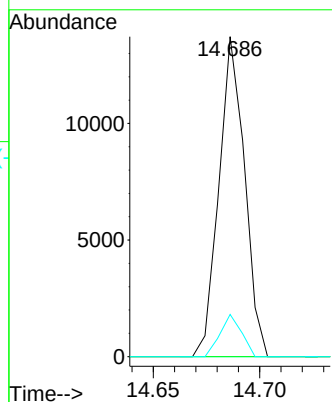
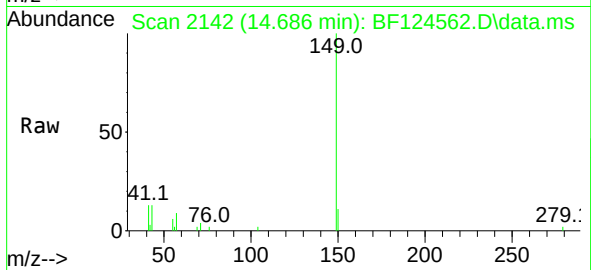




#85
Di-n-octyl phthalate
Concen: 7.618 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

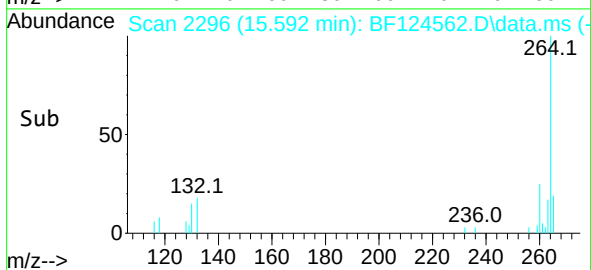
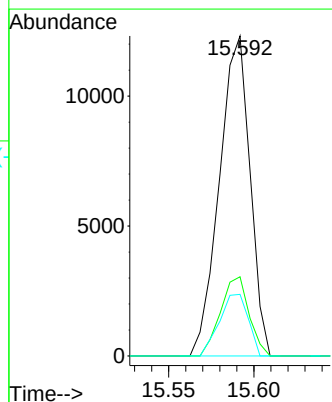
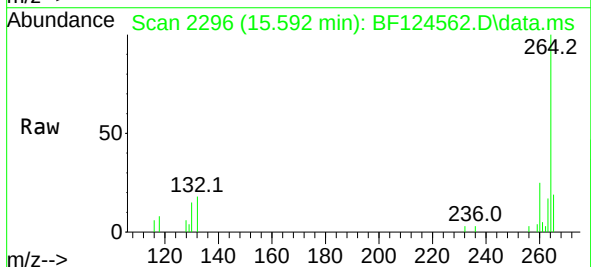
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

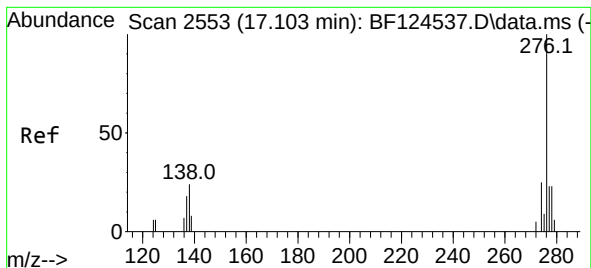
Tgt Ion:149 Resp: 11489
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.0 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:264 Resp: 15387
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 19.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.033 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.012 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

Tgt Ion:276 Resp: 6276

Ion Ratio Lower Upper

276 100

138 28.0 24.1 36.1

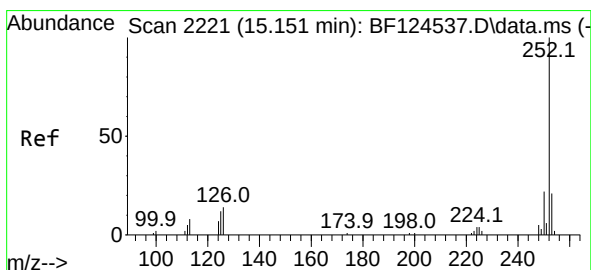
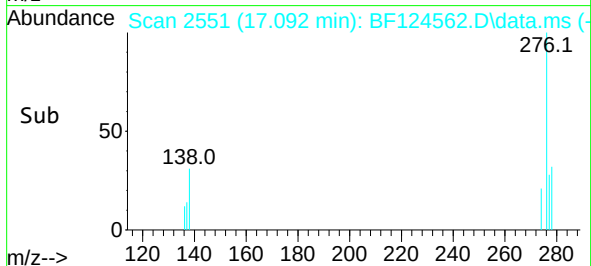
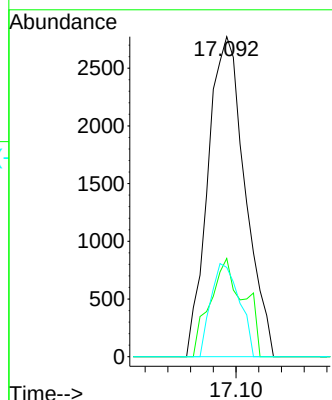
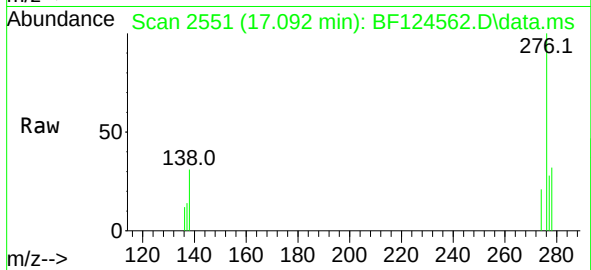
277 22.4 18.8 28.2

Instrument :

BNA_F

ClientSampleId :

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#88

Benzo(b)fluoranthene

Concen: 7.445 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF124562.D

Acq: 14 Jul 2021 13:44

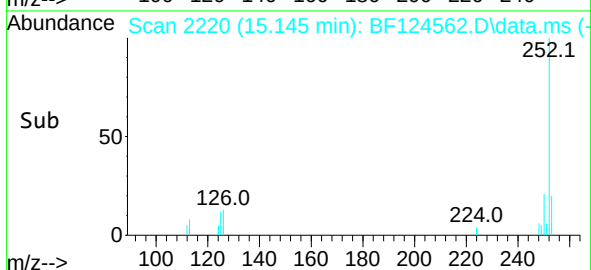
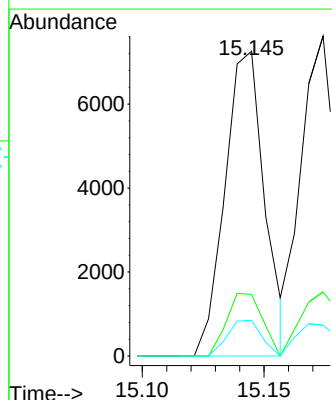
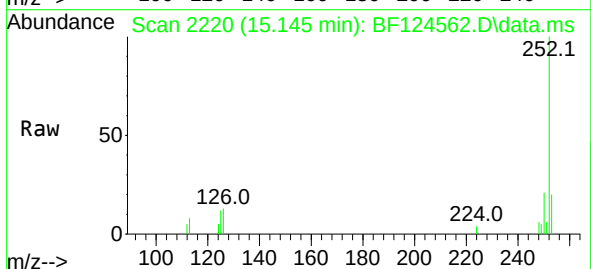
Tgt Ion:252 Resp: 8223

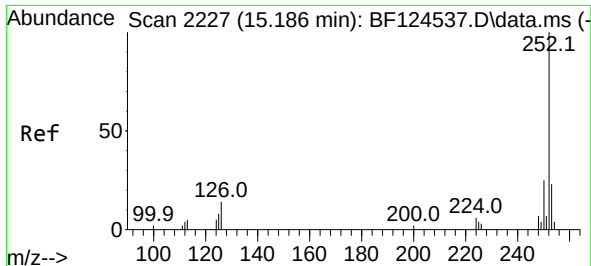
Ion Ratio Lower Upper

252 100

253 20.2 16.8 25.2

125 11.7 9.8 14.8

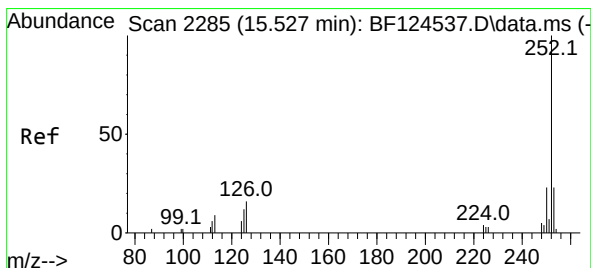
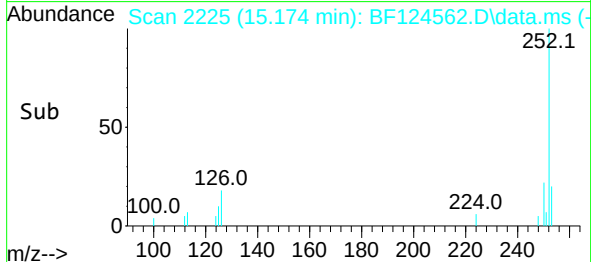
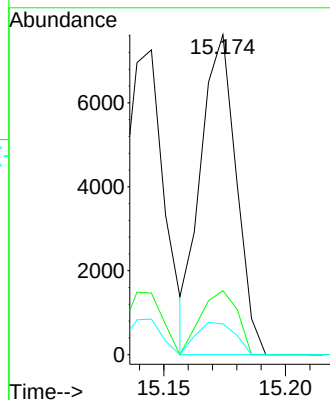
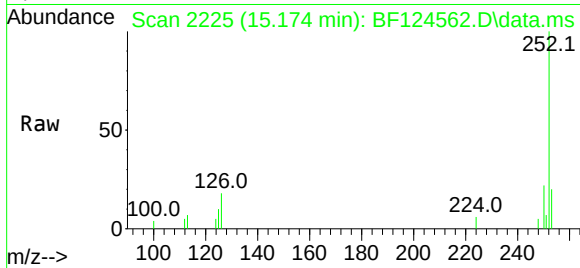




#89
Benzo(k)fluoranthene
Concen: 7.650 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

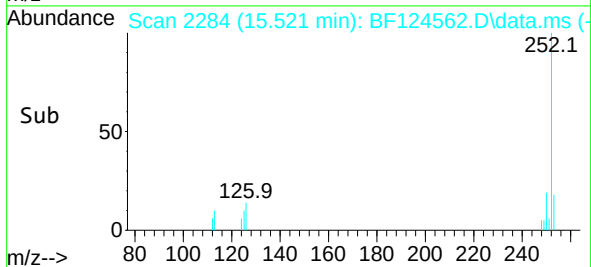
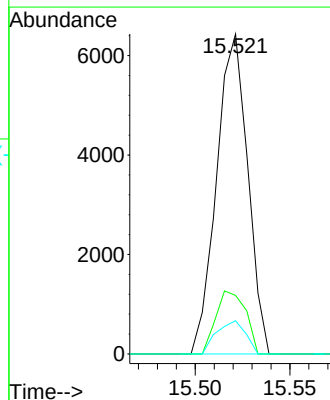
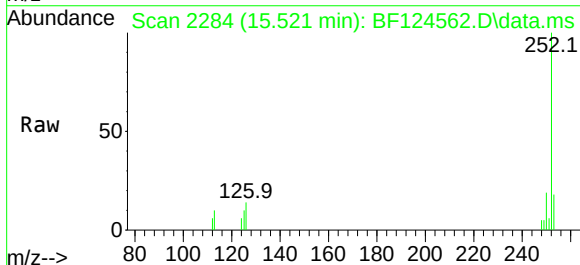
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

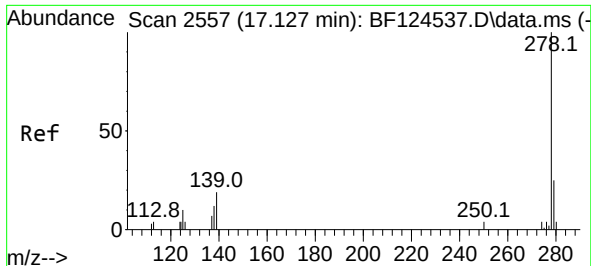
Tgt Ion:252 Resp: 7752
Ion Ratio Lower Upper
252 100
253 20.0 17.8 26.8
125 9.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 8.065 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:252 Resp: 7353
Ion Ratio Lower Upper
252 100
253 18.3 18.4 27.6#
125 10.4 9.9 14.9

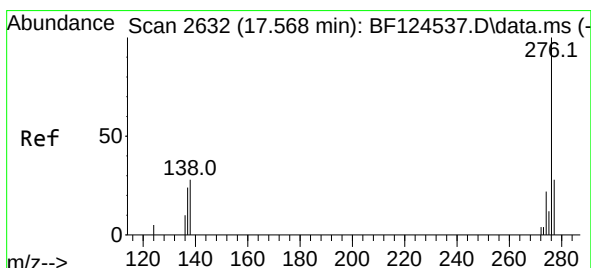
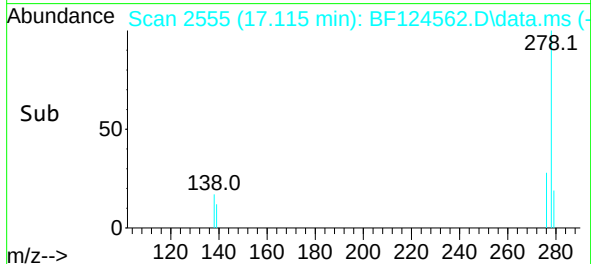
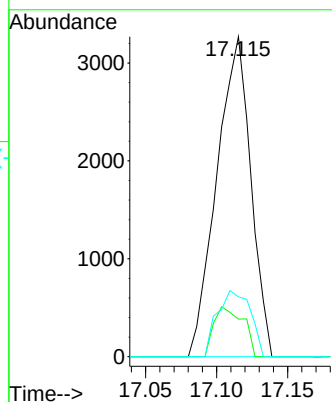
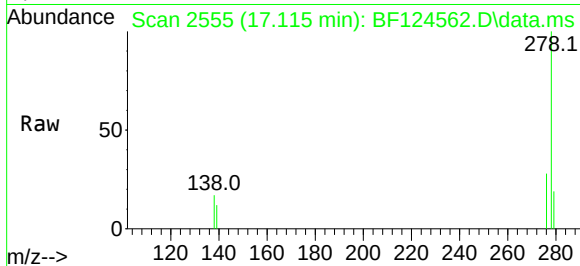




#91
Dibenzo(a,h)anthracene
Concen: 7.157 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:278 Resp: 5436
Ion Ratio Lower Upper
278 100
139 11.7 14.9 22.3#
279 18.7 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 7.055 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.023 min
Lab File: BF124562.D
Acq: 14 Jul 2021 13:44

Tgt Ion:276 Resp: 5232
Ion Ratio Lower Upper
276 100
277 22.2 22.0 33.0
138 21.2 22.2 33.4#

