

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
 Data File : BF124565.D
 Acq On : 14 Jul 2021 15:26
 Operator : JU/CG
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 14 15:54:15 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	6264	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	25727	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	13880	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	24680	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	16678	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	12078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	43095	119.197	ng	0.00
7) Phenol-d6	6.545	99	53872	122.487	ng	0.00
23) Nitrobenzene-d5	7.486	82	24971	61.272	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	12684	117.431	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	62136	65.280	ng	0.00
79) Terphenyl-d14	13.039	244	63400	63.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	156	1.319	ng	# 100
3) Pyridine	3.610	79	682	2.249	ng	# 68
4) n-Nitrosodimethylamine	3.481	42	729	2.957	ng	# 80
6) Aniline	6.592	93	2208	4.765	ng	# 89
8) 2-Chlorophenol	6.710	128	1758	4.337	ng	94
9) Benzaldehyde	6.475	77	1219	4.724	ng	96
10) Phenol	6.557	94	1564	3.642	ng	93
11) bis(2-Chloroethyl)ether	6.657	93	1531	4.599	ng	90
12) 1,3-Dichlorobenzene	6.863	146	2089	4.709	ng	91
13) 1,4-Dichlorobenzene	6.939	146	2076	4.582	ng	92
14) 1,2-Dichlorobenzene	6.939	146	2076	4.821	ng	93
15) Benzyl Alcohol	7.057	79	928	3.049	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.192	45	2494	4.347	ng	75
17) 2-Methylphenol	7.157	107	1136	3.829	ng	87
18) Hexachloroethane	7.439	117	657	3.850	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	885	3.579	ng	# 86
20) 3+4-Methylphenols	7.310	107	1692	4.332	ng	# 69
22) Acetophenone	7.328	105	2468	4.227	ng	# 96
24) Nitrobenzene	7.498	77	1479	3.660	ng	# 90
25) Isophorone	7.733	82	2682	3.585	ng	96
26) 2-Nitrophenol	7.816	139	860	3.945	ng	# 89
27) 2,4-Dimethylphenol	7.845	122	1661	4.598	ng	# 95
28) bis(2-Chloroethoxy)met...	7.945	93	1836	4.207	ng	# 83
29) 2,4-Dichlorophenol	8.051	162	1440	3.865	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	1561	3.786	ng	95
31) Naphthalene	8.228	128	5352	4.022	ng	98
32) Benzoic acid	7.886	122	464	1.843	ng	# 81
33) 4-Chloroaniline	8.269	127	1925	3.828	ng	93
34) Hexachlorobutadiene	8.345	225	941	4.043	ng	# 88
36) 4-Chloro-3-methylphenol	8.739	107	1241	3.368	ng	94
37) 2-Methylnaphthalene	8.916	142	3678	4.096	ng	98
38) 1-Methylnaphthalene	9.016	142	3516	4.169	ng	91
40) 1,2,4,5-Tetrachloroben...	9.080	216	1491	4.028	ng	# 90
41) Hexachlorocyclopentadiene	9.075	237	1216	5.258	ng	90
43) 2,4,6-Trichlorophenol	9.192	196	900	3.368	ng	88
44) 2,4,5-Trichlorophenol	9.222	196	999	3.624	ng	95

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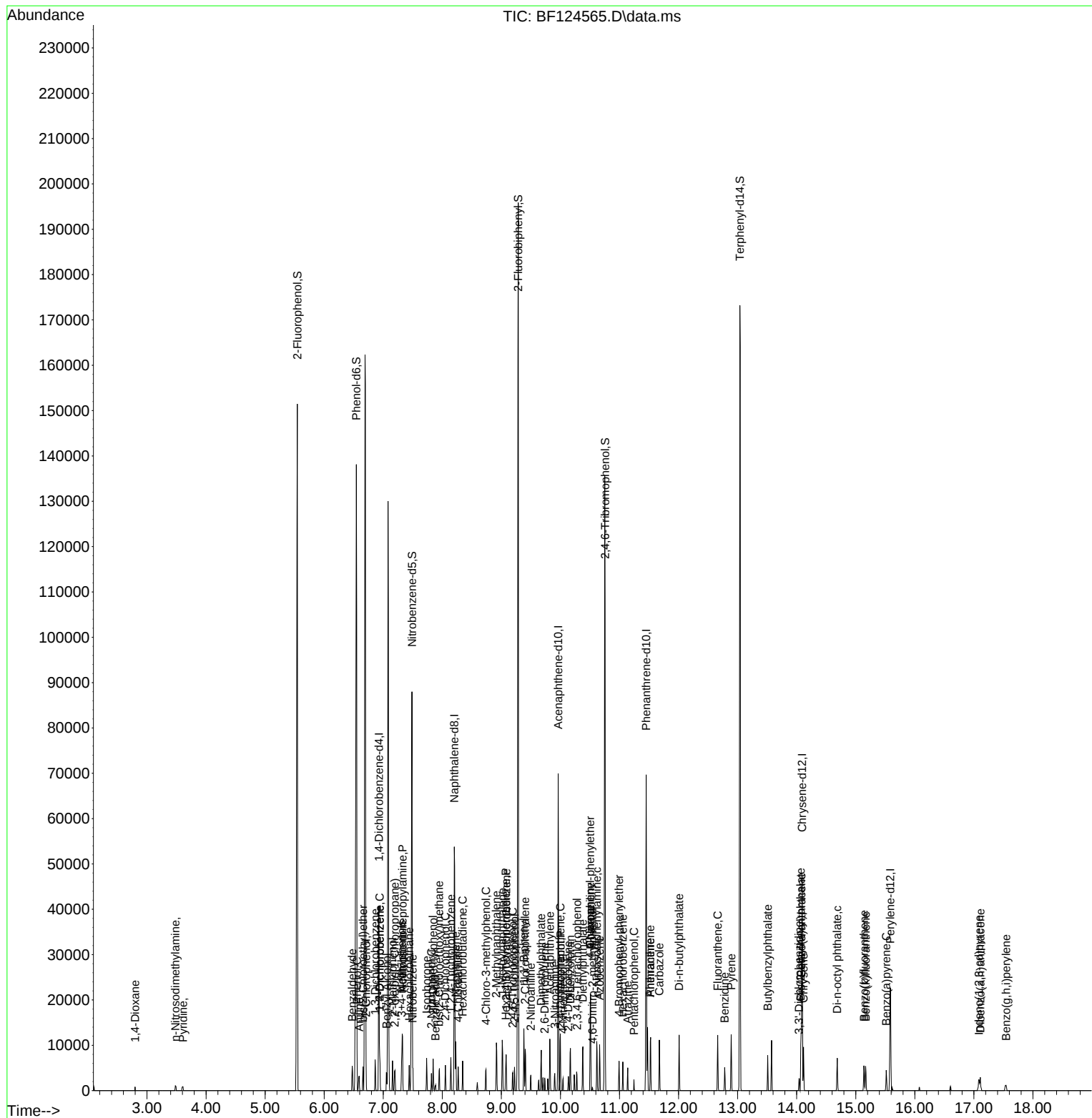
Instrument :
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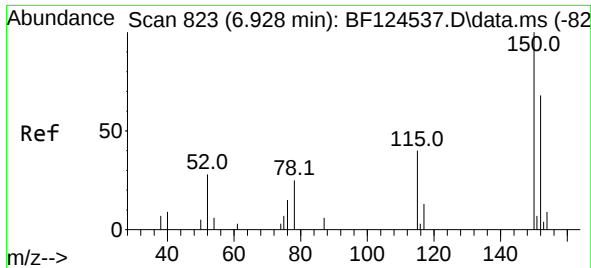
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.380	154	4513	4.281	ng	99
47) 2-Chloronaphthalene	9.404	162	3456	4.181	ng	95
48) 2-Nitroaniline	9.498	65	594	2.989	ng #	79
49) Acenaphthylene	9.822	152	5355	4.152	ng #	95
50) Dimethylphthalate	9.675	163	4062	4.206	ng #	92
51) 2,6-Dinitrotoluene	9.733	165	683	3.588	ng #	88
52) Acenaphthene	9.998	154	3271	3.966	ng	95
53) 3-Nitroaniline	9.904	138	837	3.940	ng #	95
54) 2,4-Dinitrophenol	10.004	184	132	1.329	ng #	1
55) Dibenzofuran	10.169	168	4890	4.033	ng	98
56) 4-Nitrophenol	10.045	139	505	2.856	ng	85
57) 2,4-Dinitrotoluene	10.133	165	891	3.419	ng	86
58) Fluorene	10.510	166	3562	3.798	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.280	232	664	3.119	ng #	92
60) Diethylphthalate	10.380	149	4267	4.226	ng	95
61) 4-Chlorophenyl-phenyle...	10.504	204	1608	3.777	ng	99
62) 4-Nitroaniline	10.510	138	889	4.152	ng #	73
63) Azobenzene	10.663	77	3517	3.985	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	310	2.199	ng #	22
66) n-Nitrosodiphenylamine	10.616	169	3212	3.997	ng	93
67) 4-Bromophenyl-phenylether	10.992	248	949	3.719	ng #	81
68) Hexachlorobenzene	11.057	284	1003	3.836	ng	90
69) Atrazine	11.139	200	996	4.047	ng	87
70) Pentachlorophenol	11.245	266	408	2.467	ng	93
71) Phenanthrene	11.521	178	5564	4.132	ng	98
72) Anthracene	11.521	178	5564	4.119	ng	98
73) Carbazole	11.674	167	4834	3.873	ng	99
74) Di-n-butylphthalate	12.010	149	6624	3.940	ng #	96
75) Fluoranthene	12.663	202	5570	4.100	ng	97
77) Benzidine	12.780	184	2991	4.797	ng #	95
78) Pyrene	12.892	202	5582	4.028	ng	99
80) Butylbenzylphthalate	13.510	149	2209	3.297	ng	95
81) Benzo(a)anthracene	14.080	228	4295	3.883	ng	94
82) 3,3'-Dichlorobenzidine	14.039	252	1541	5.319	ng #	83
83) Chrysene	14.115	228	3795	3.582	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	3108	3.455	ng #	94
85) Di-n-octyl phthalate	14.686	149	4050	3.112	ng #	94
87) Indeno(1,2,3-cd)pyrene	17.086	276	2616	3.735	ng #	65
88) Benzo(b)fluoranthene	15.139	252	3328	3.839	ng	98
89) Benzo(k)fluoranthene	15.168	252	3110	3.910	ng	96
90) Benzo(a)pyrene	15.515	252	2666	3.725	ng #	80
91) Dibenzo(a,h)anthracene	17.109	278	2301	3.859	ng	96
92) Benzo(g,h,i)perylene	17.545	276	1997	3.431	ng #	47

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

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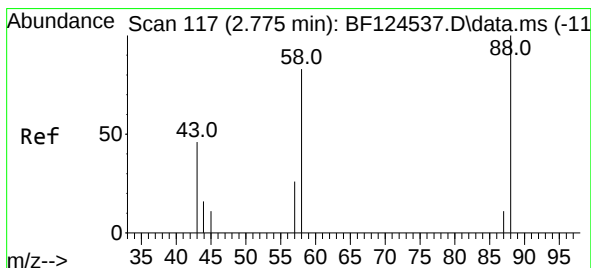
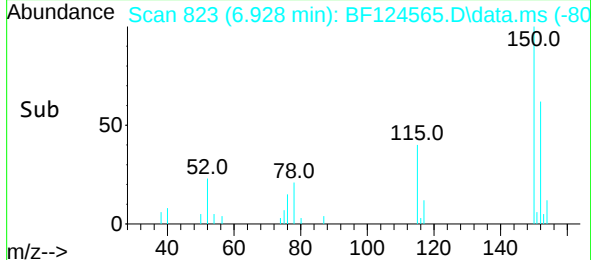
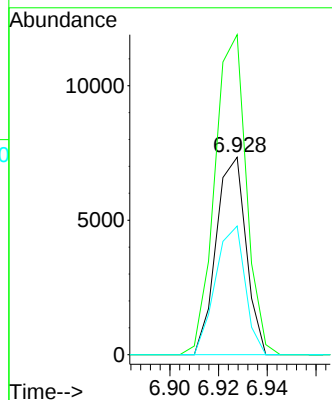
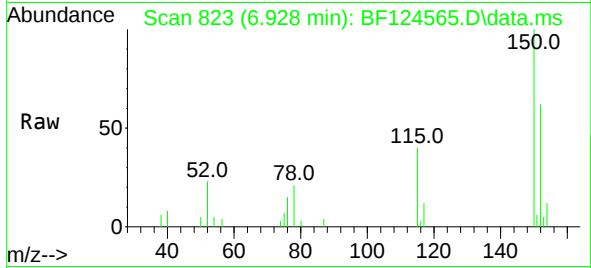




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 823
 Delta R.T. -0.000 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

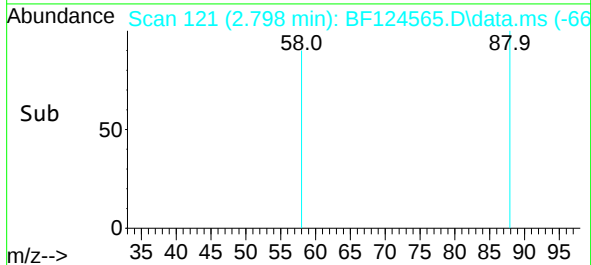
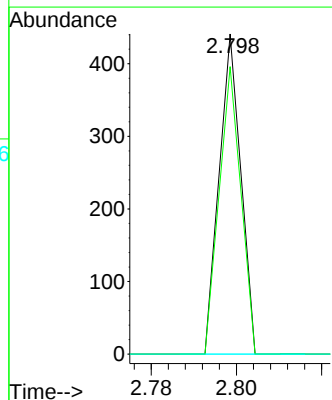
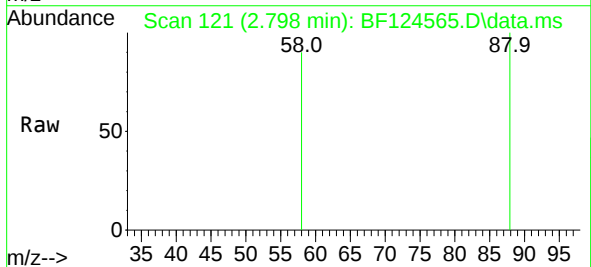
Instrument :
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 MDL-SOIL-03-QT3-2021

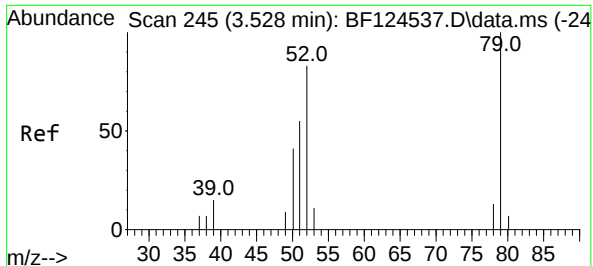
Tgt Ion:152 Resp: 6264
 Ion Ratio Lower Upper
 152 100
 150 162.1 117.6 176.4
 115 65.2 47.1 70.7



#2
 1,4-Dioxane
 Concen: 1.319 ng
 RT: 2.798 min Scan# 121
 Delta R.T. 0.023 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

Tgt Ion: 88 Resp: 156
 Ion Ratio Lower Upper
 88 100
 58 89.7 0.0 0.0#
 43 0.0 0.0 0.0

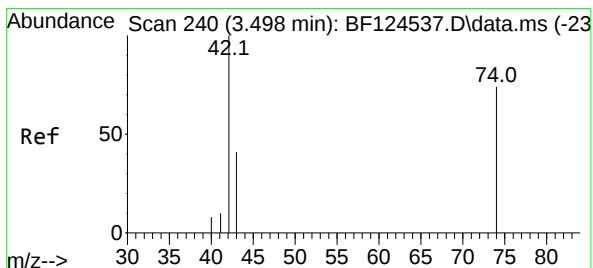
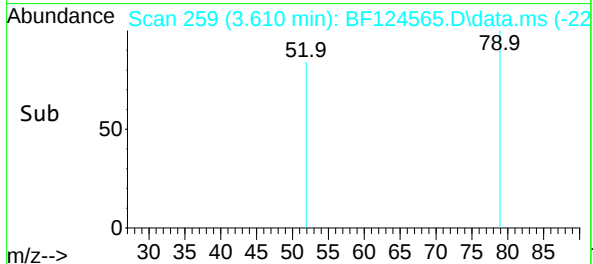
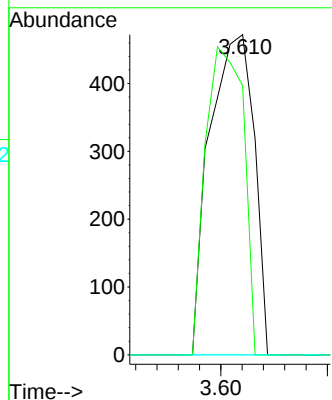
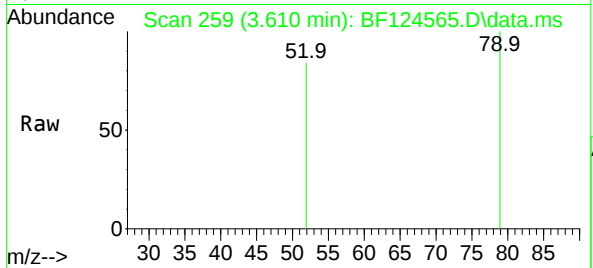




#3
Pyridine
Concen: 2.249 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.082 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

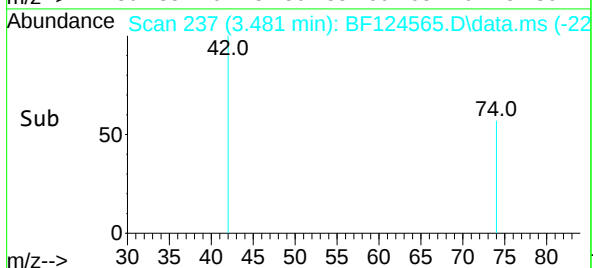
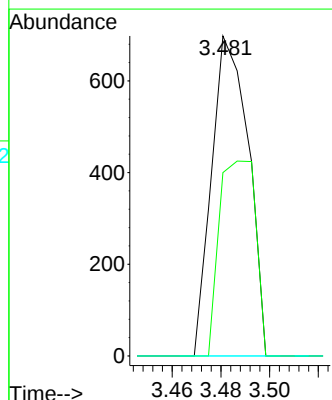
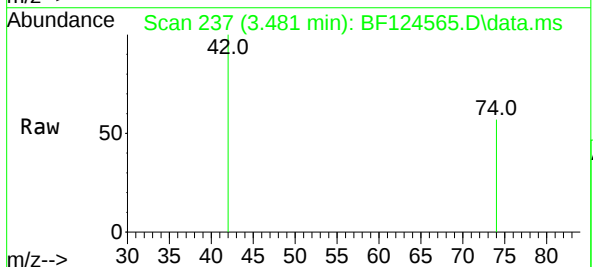
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

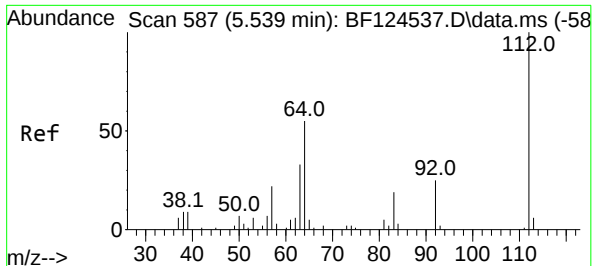
Tgt Ion: 79 Resp: 682
Ion Ratio Lower Upper
79 100
52 84.1 70.3 105.5
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 2.957 ng
RT: 3.481 min Scan# 237
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 42 Resp: 729
Ion Ratio Lower Upper
42 100
74 57.3 59.0 88.6#
44 0.0 0.0 0.0

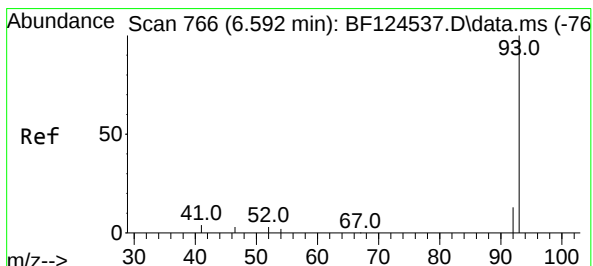
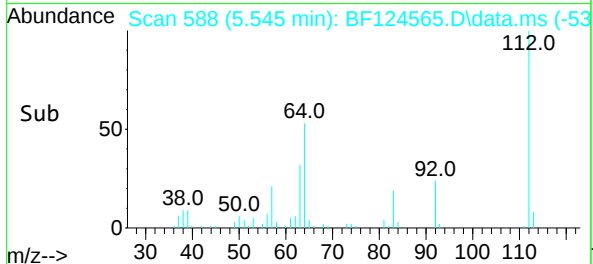
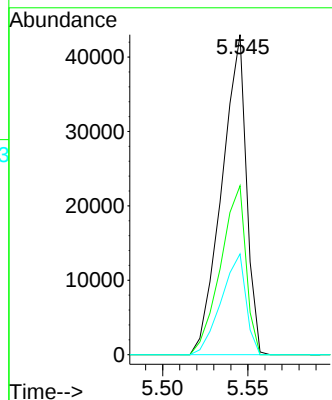
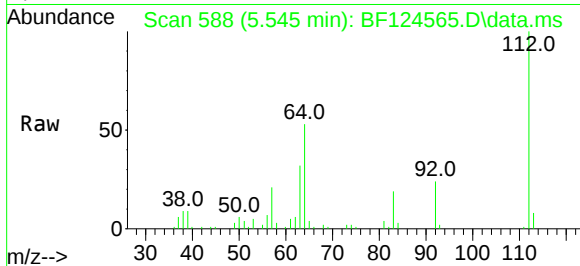




#5
2-Fluorophenol
Concen: 119.197 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

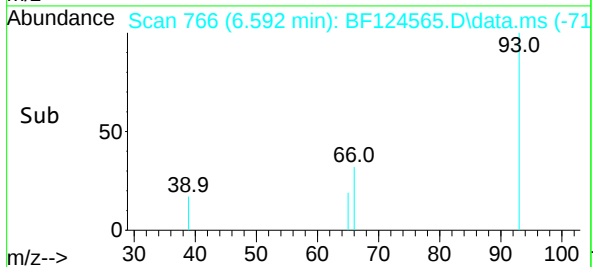
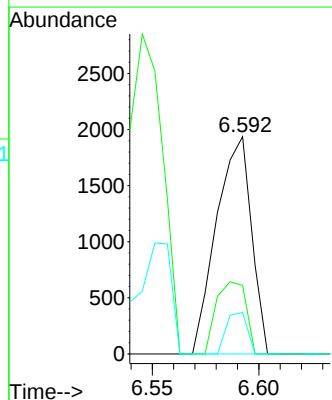
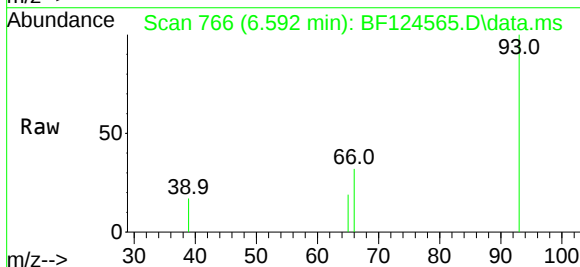
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2021

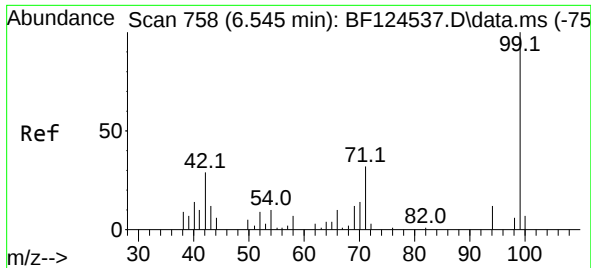
Tgt Ion:112 Resp: 43095
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 31.5 26.2 39.2



#6
Aniline
Concen: 4.765 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 93 Resp: 2208
Ion Ratio Lower Upper
93 100
66 31.6 32.7 49.1#
65 19.1 14.2 21.4

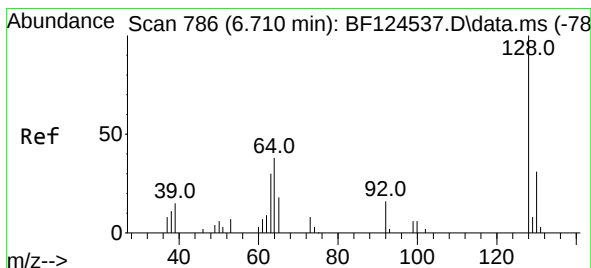
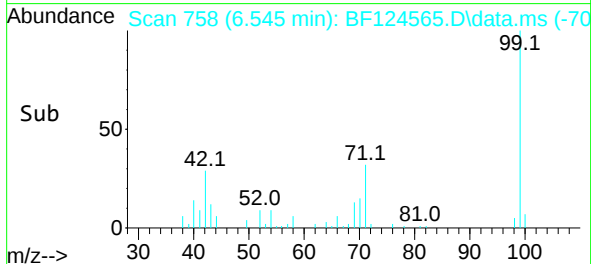
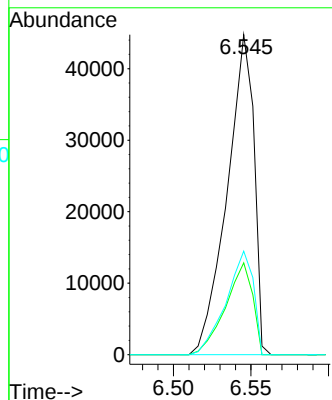
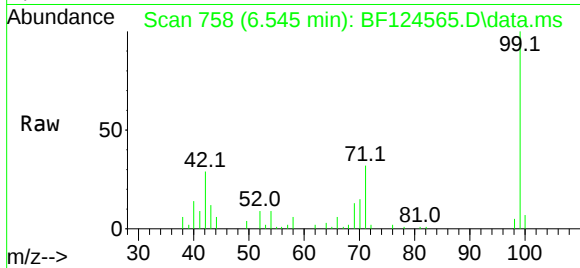




#7
Phenol-d6
Concen: 122.487 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

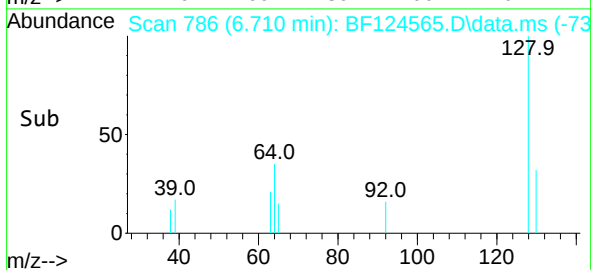
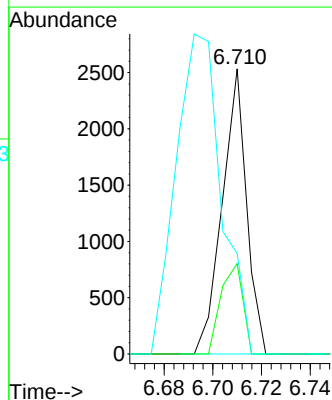
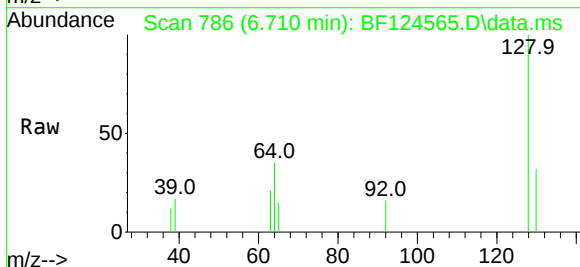
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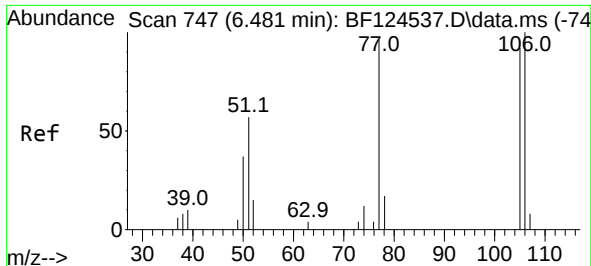
Tgt Ion:	99	Resp:	53872
Ion	Ratio	Lower	Upper
99	100		
42	28.7	23.5	35.3
71	32.4	25.6	38.4



#8
2-Chlorophenol
Concen: 4.337 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	128	Resp:	1758
Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.5	50.5
64	35.2	20.3	60.3

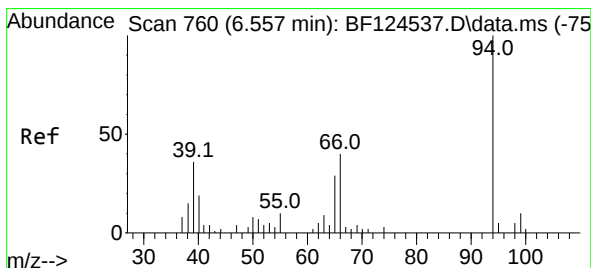
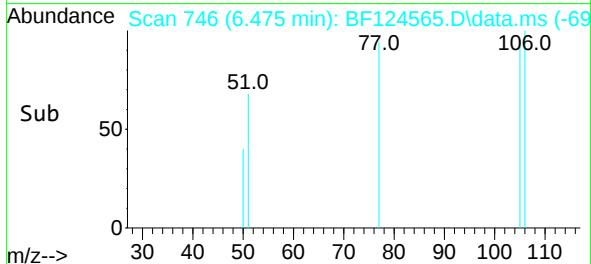
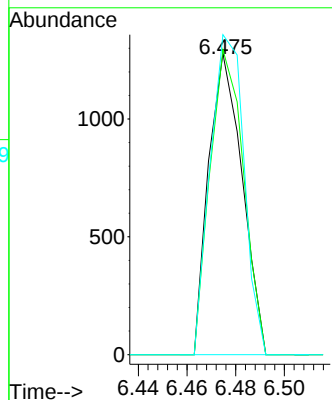
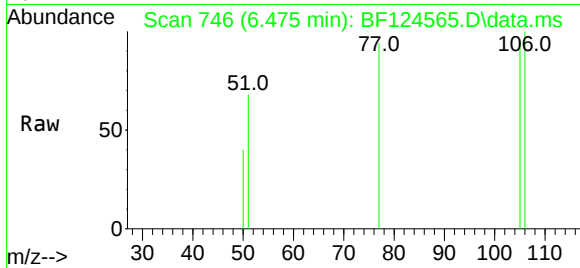




#9
Benzaldehyde
Concen: 4.724 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

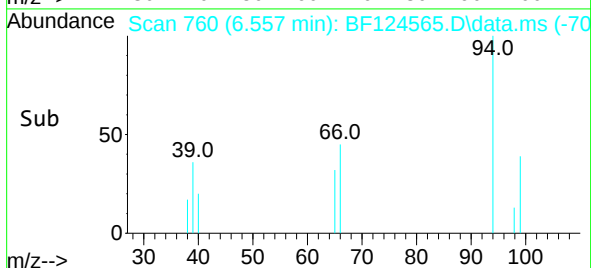
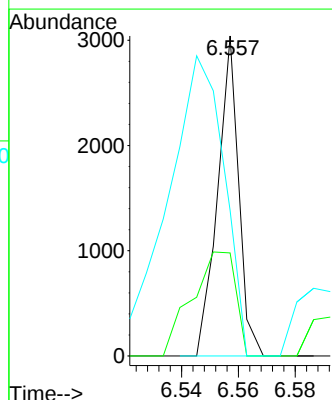
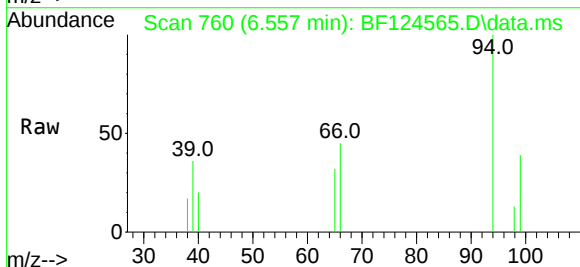
Instrument :
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MDL-SOIL-03-QT3-2021

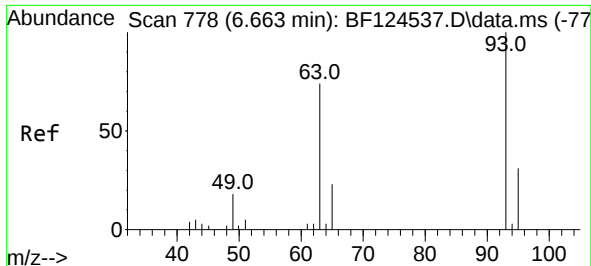
Tgt Ion:	77	Resp:	1219
Ion	Ratio	Lower	Upper
77	100		
105	101.3	75.9	115.9
106	106.3	84.0	124.0



#10
Phenol
Concen: 3.642 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	94	Resp:	1564
Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.3	49.3
66	45.4	20.3	60.3

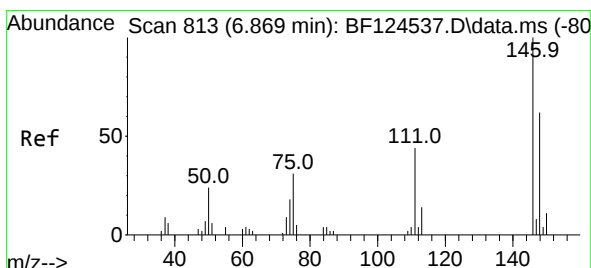
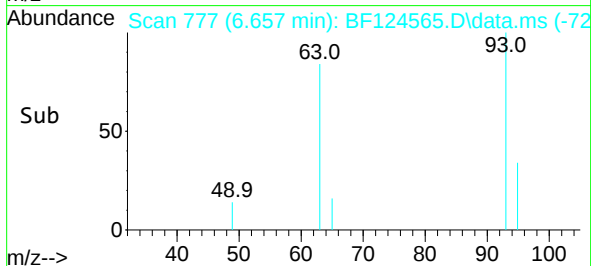
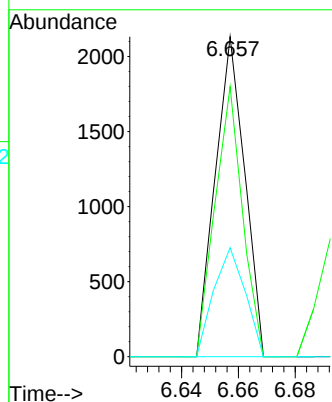
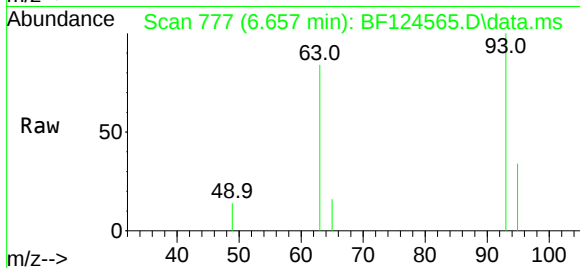




#11
bis(2-Chloroethyl)ether
Concen: 4.599 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

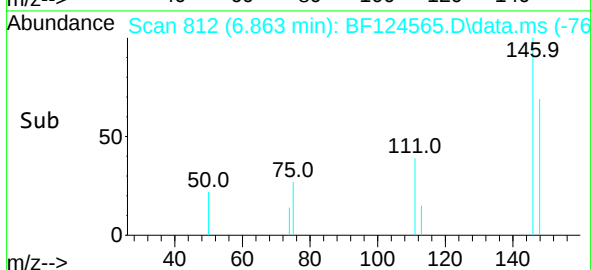
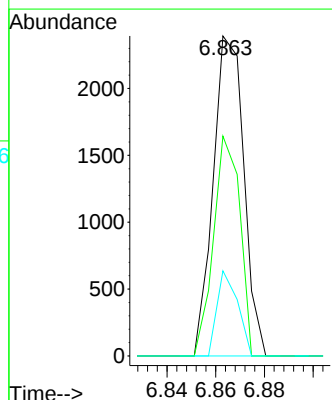
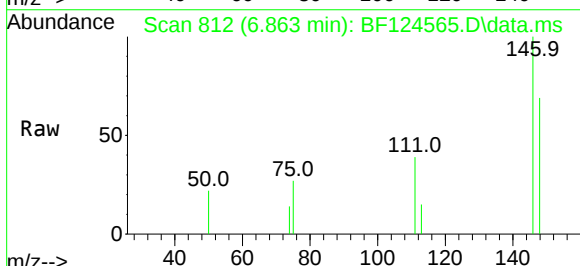
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

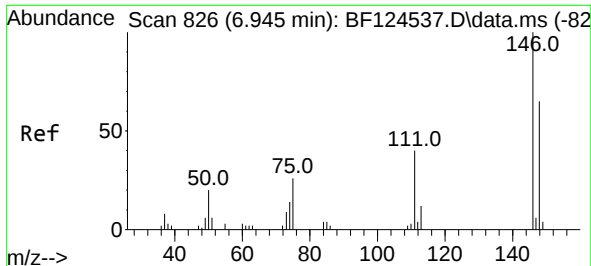
Tgt Ion: 93	Resp: 1531
Ion Ratio	Lower Upper
93 100	
63 84.4	54.4 94.4
95 34.1	11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 4.709 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:146	Resp:	2089	
Ion	Ratio	Lower	Upper
146	100		
148	68.7	49.7	74.5
75	26.6	25.2	37.8

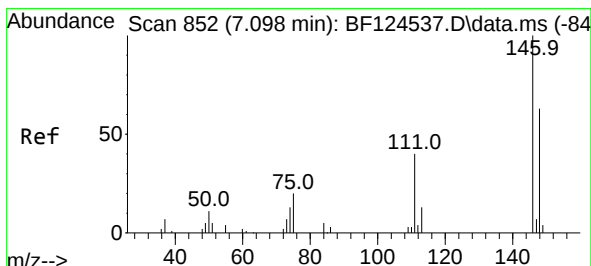
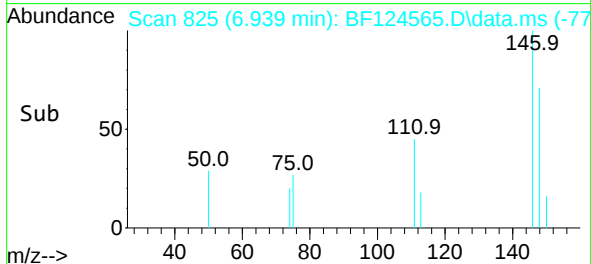
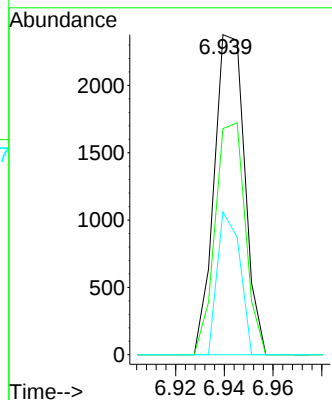
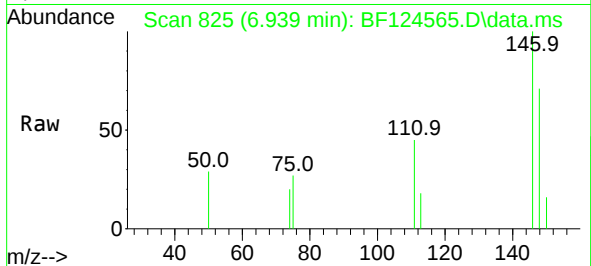




#13
1,4-Dichlorobenzene
Concen: 4.582 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

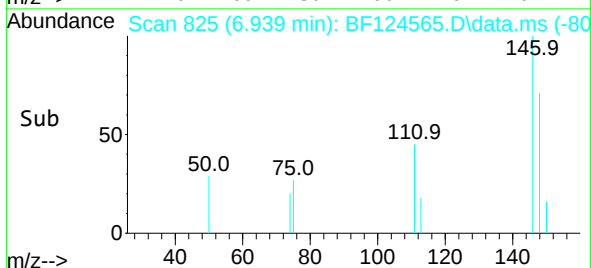
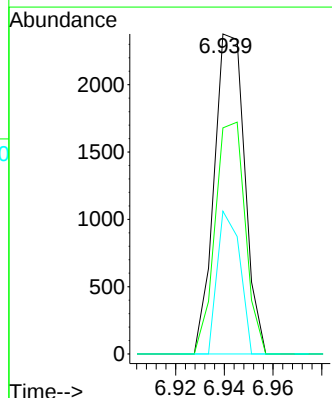
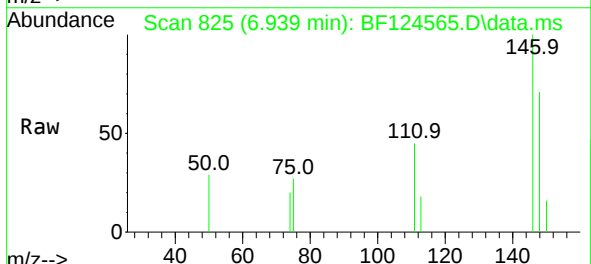
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

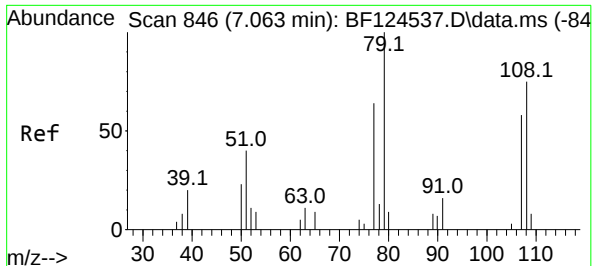
Tgt Ion:146 Resp: 2076
Ion Ratio Lower Upper
146 100
148 70.6 51.9 77.9
111 44.6 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 4.821 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.159 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:146 Resp: 2076
Ion Ratio Lower Upper
146 100
148 70.6 50.6 75.8
111 44.6 33.5 50.3





#15

Benzyl Alcohol

Concen: 3.049 ng

RT: 7.057 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

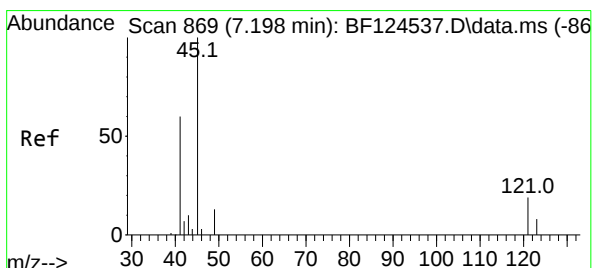
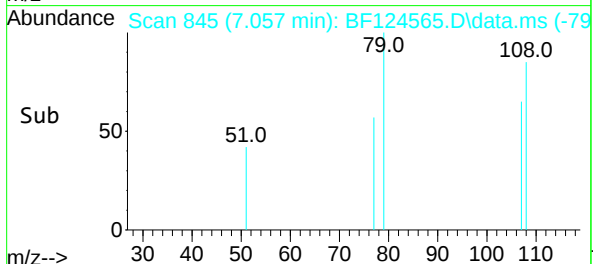
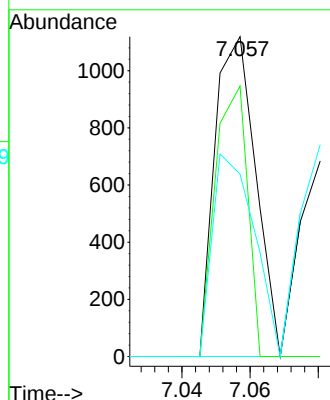
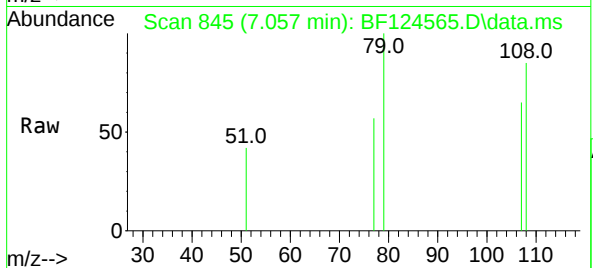
Tgt Ion: 79	Resp: 928
Ion Ratio	Lower Upper
79 100	
108 84.5	60.4 90.6
77 57.0	51.5 77.3

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2021



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.347 ng

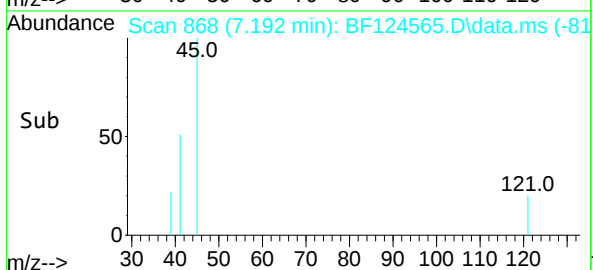
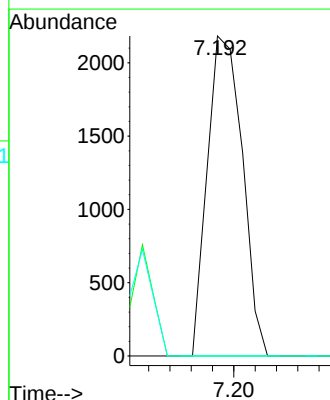
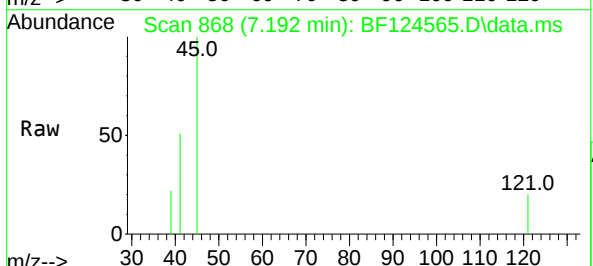
RT: 7.192 min Scan# 868

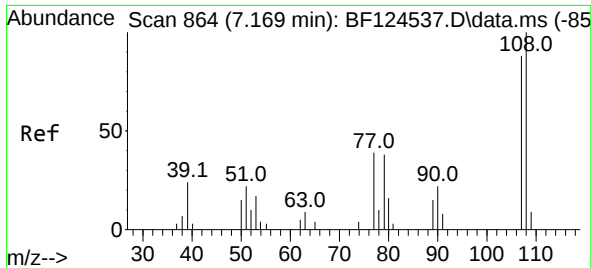
Delta R.T. -0.006 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

Tgt Ion: 45	Resp: 2494
Ion Ratio	Lower Upper
45 100	
77 0.0	0.0 30.6
79 0.0	0.0 27.5

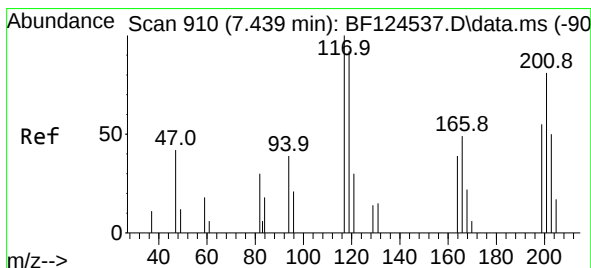
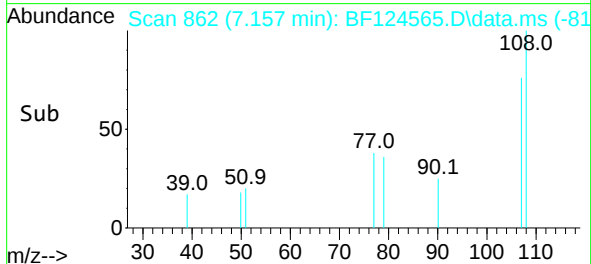
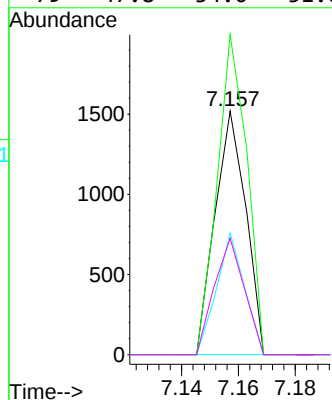
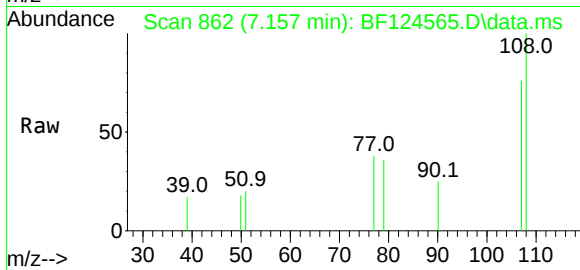




#17
2-Methylphenol
Concen: 3.829 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

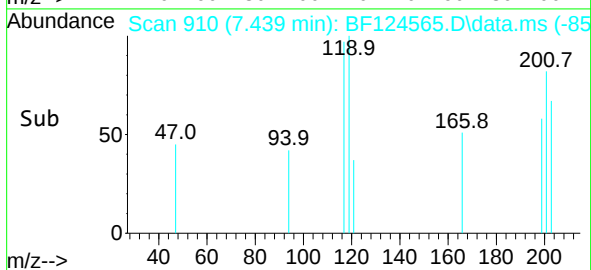
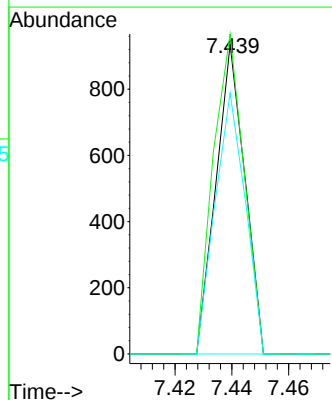
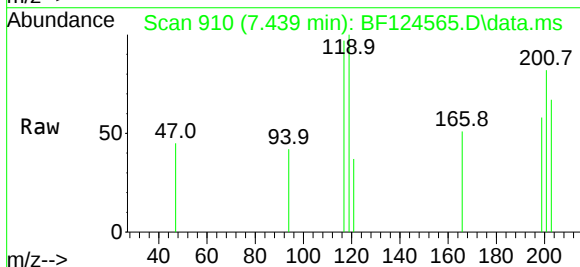
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

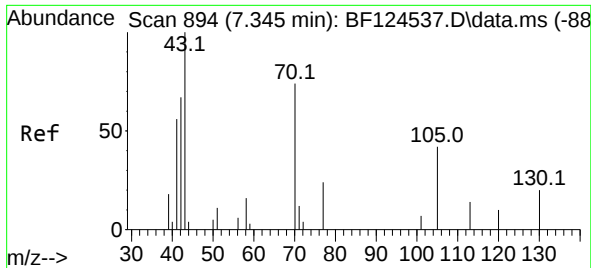
Tgt Ion:	107	Resp:	1136
Ion	Ratio	Lower	Upper
107	100		
108	131.4	90.6	135.8
77	50.0	35.7	53.5
79	47.8	34.0	51.0



#18
Hexachloroethane
Concen: 3.850 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	117	Resp:	657
Ion	Ratio	Lower	Upper
117	100		
119	103.3	73.4	110.2
201	84.3	64.9	97.3



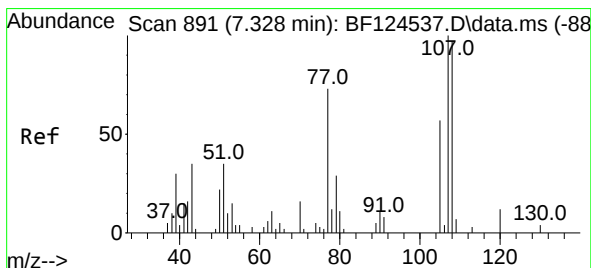
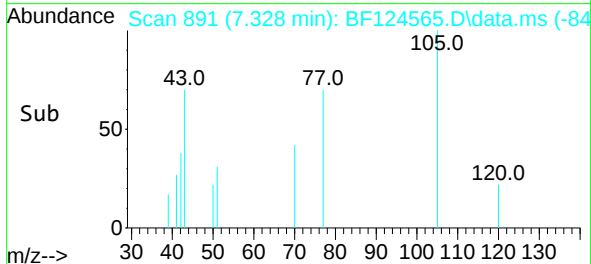
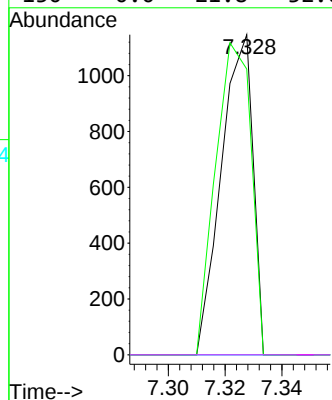
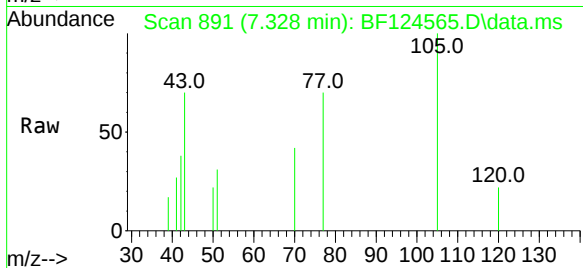


#19

n-Nitroso-di-n-propylamine
Concen: 3.579 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

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

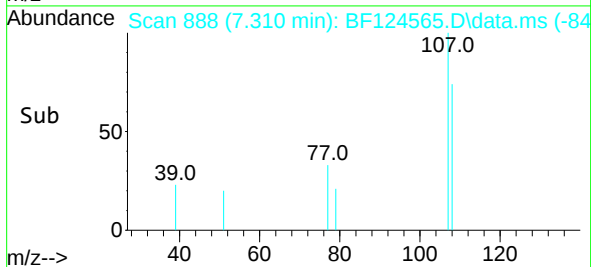
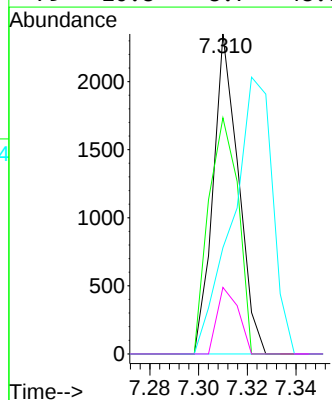
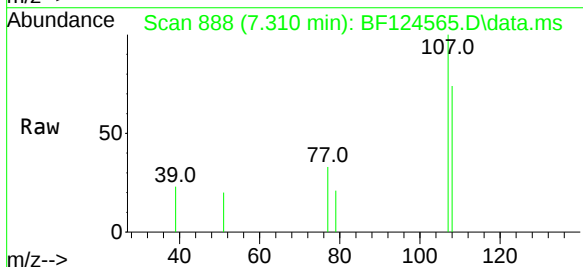
Tgt Ion: 70 Resp: 885
Ion Ratio Lower Upper
70 100
42 89.3 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

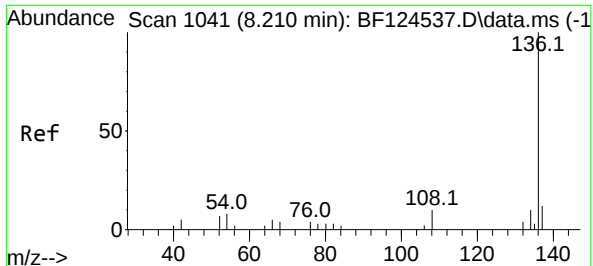


#20

3+4-Methylphenols
Concen: 4.332 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

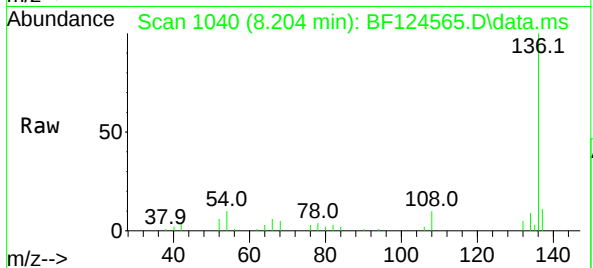
Tgt Ion: 107 Resp: 1692
Ion Ratio Lower Upper
107 100
108 73.8 76.6 116.6#
77 33.2 53.3 93.3#
79 20.8 8.7 48.7



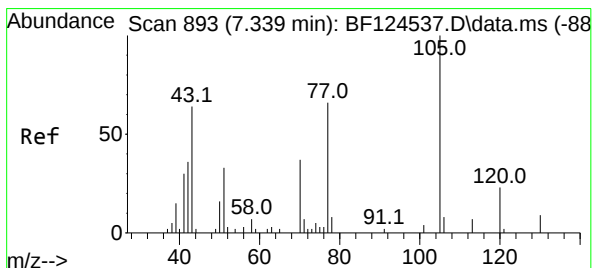
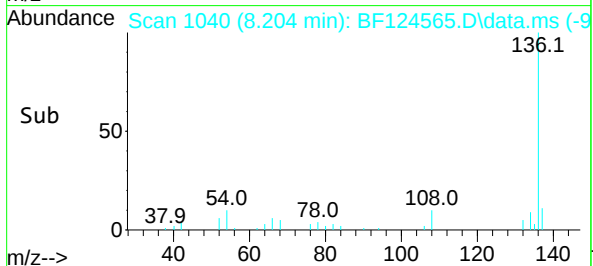
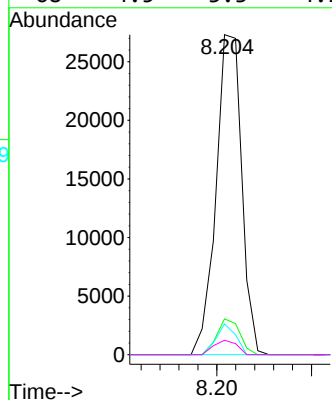


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

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

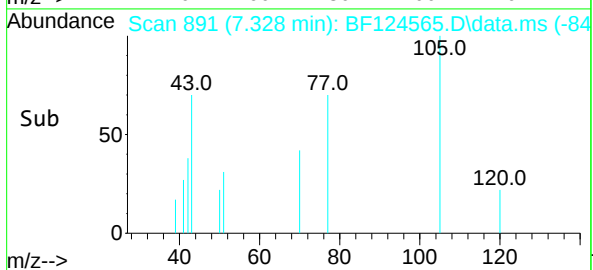
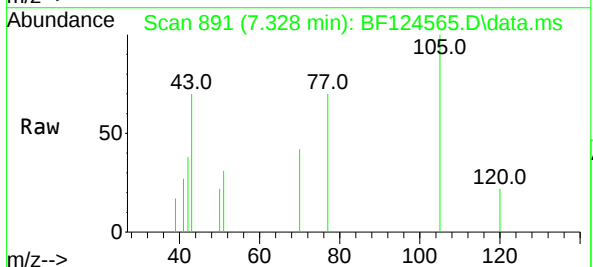
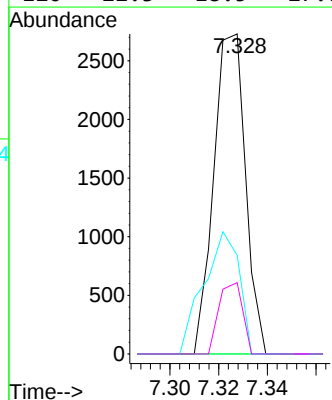


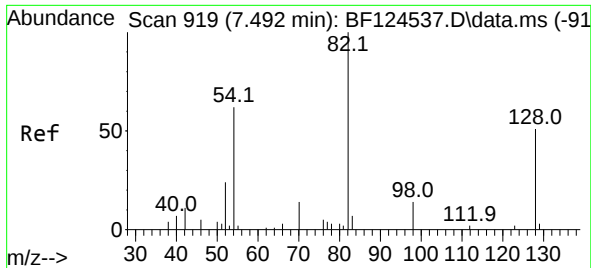
Tgt Ion:136 Resp: 25727
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 9.6 6.4 9.6
68 4.5 3.3 4.9



#22
Acetophenone
Concen: 4.227 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:105 Resp: 2468
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 30.8 26.0 39.0
120 22.3 18.5 27.7

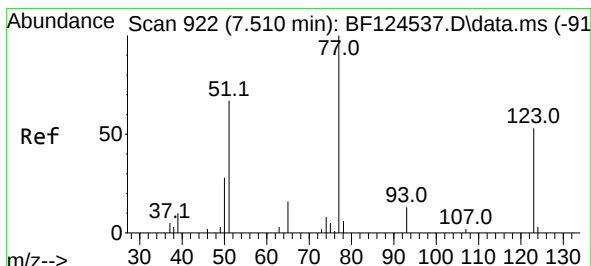
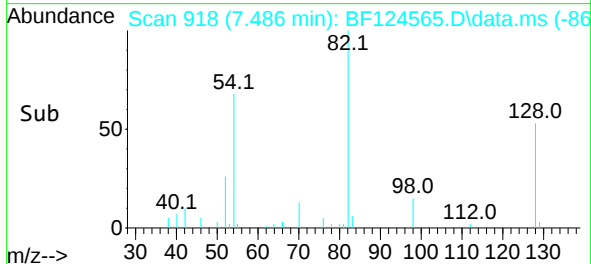
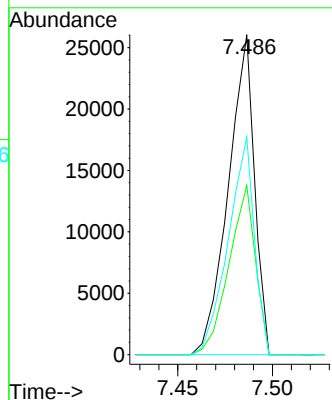
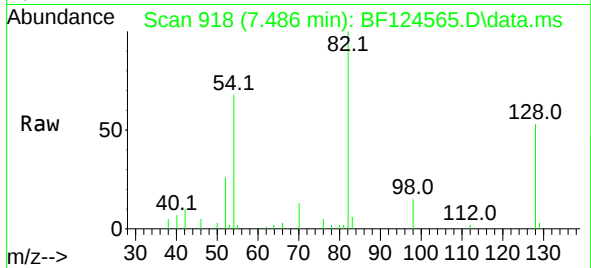




#23
Nitrobenzene-d5
Concen: 61.272 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

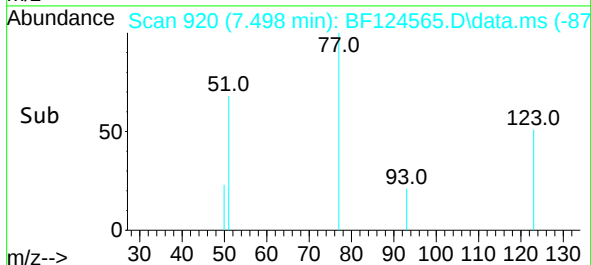
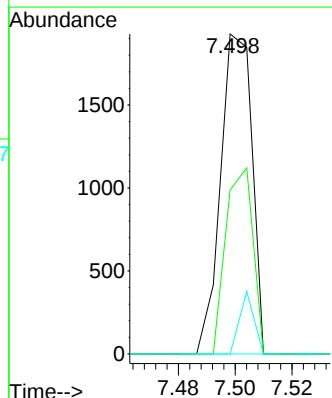
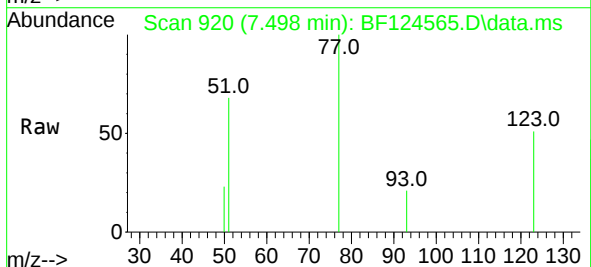
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

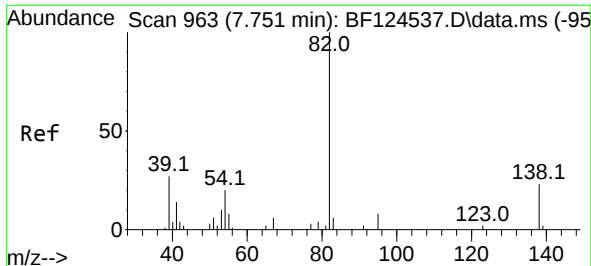
Tgt Ion: 82 Resp: 24971
Ion Ratio Lower Upper
82 100
128 52.9 40.6 60.8
54 68.1 49.6 74.4



#24
Nitrobenzene
Concen: 3.660 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 77 Resp: 1479
Ion Ratio Lower Upper
77 100
123 51.2 42.3 63.5
65 0.0 12.4 18.6#

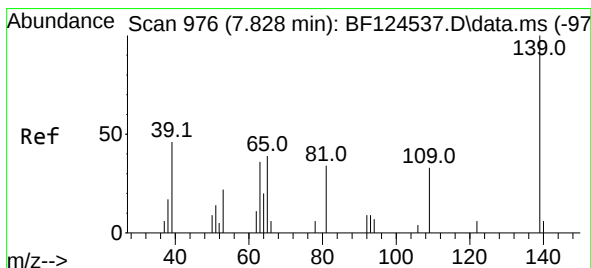
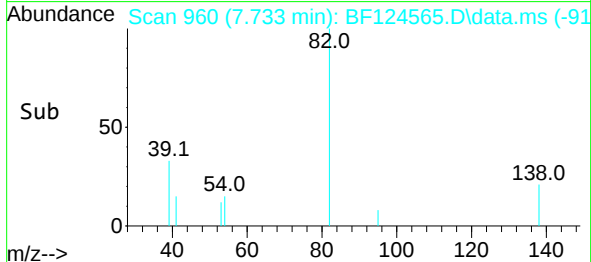
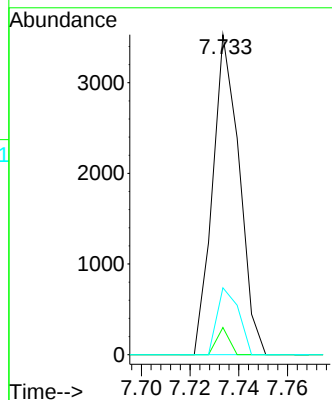
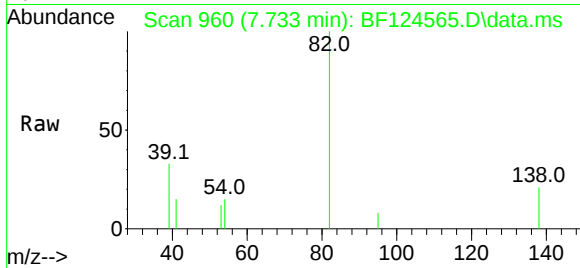




#25
Isophorone
Concen: 3.585 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

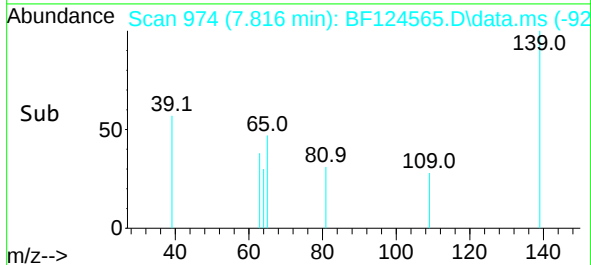
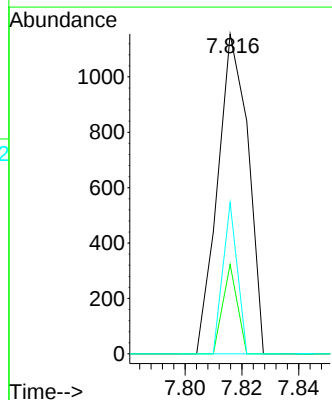
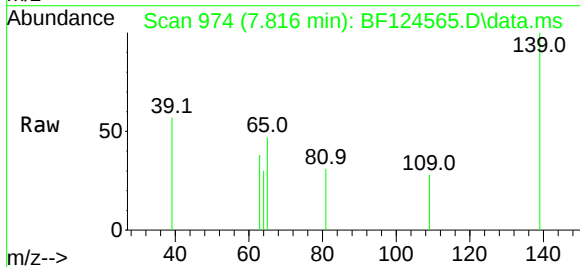
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

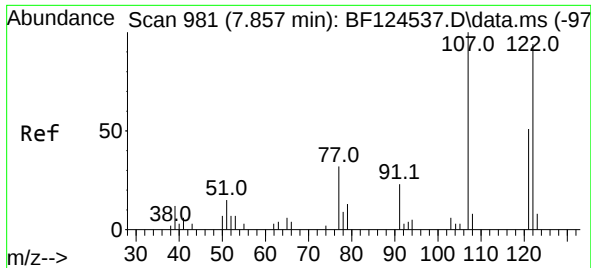
Tgt Ion: 82 Resp: 2682
Ion Ratio Lower Upper
82 100
95 8.5 6.5 9.7
138 20.9 18.4 27.6



#26
2-Nitrophenol
Concen: 3.945 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 139 Resp: 860
Ion Ratio Lower Upper
139 100
109 28.0 26.0 39.0
65 47.3 31.0 46.4#

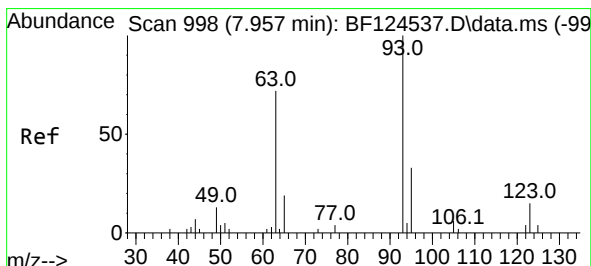
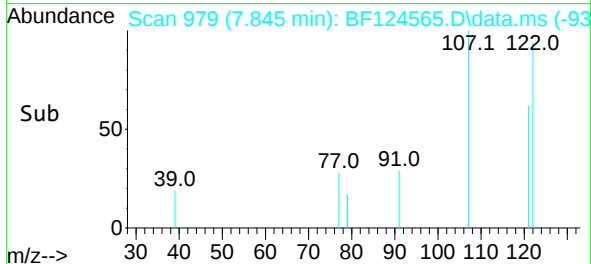
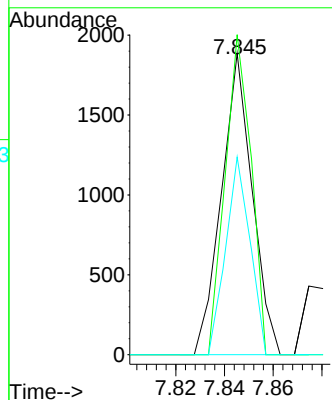
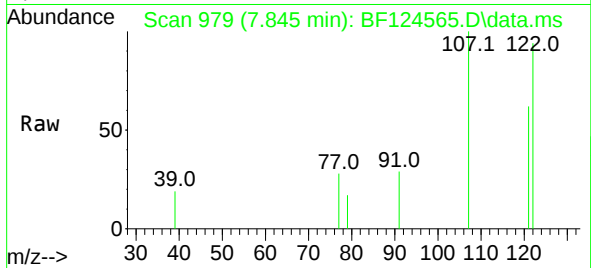




#27
2,4-Dimethylphenol
Concen: 4.598 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

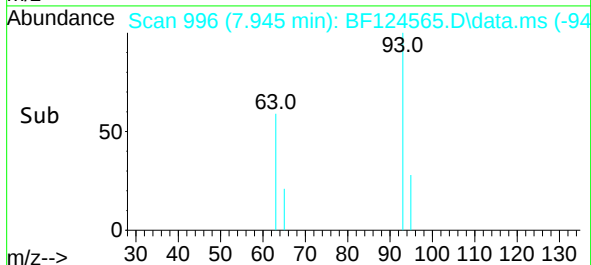
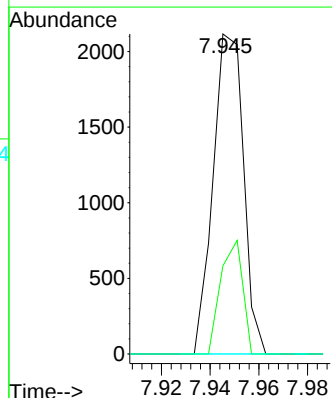
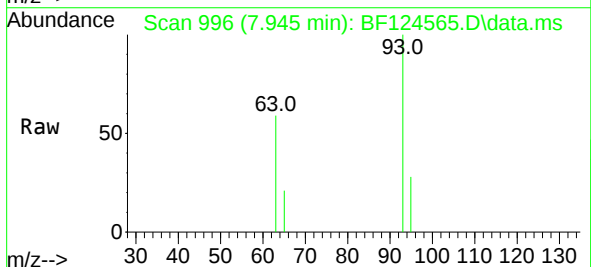
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

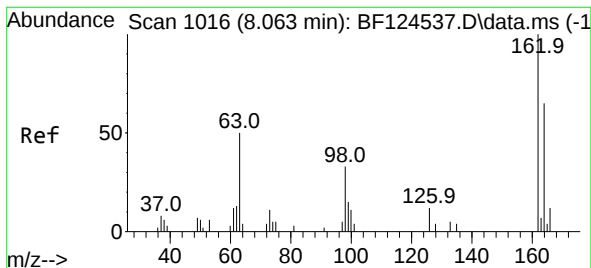
Tgt Ion:122 Resp: 1661
Ion Ratio Lower Upper
122 100
107 106.1 85.0 127.6
121 65.6 43.3 64.9#



#28
bis(2-Chloroethoxy)methane
Concen: 4.207 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 93 Resp: 1836
Ion Ratio Lower Upper
93 100
95 27.6 26.1 39.1
123 0.0 11.7 17.5#

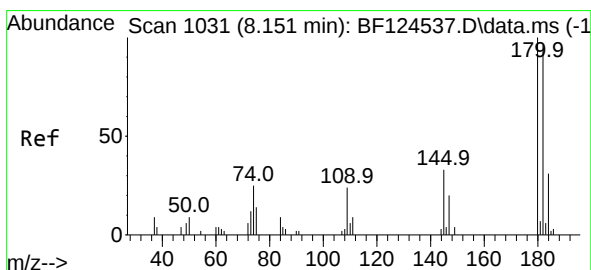
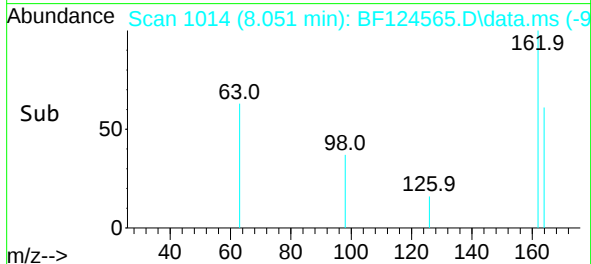
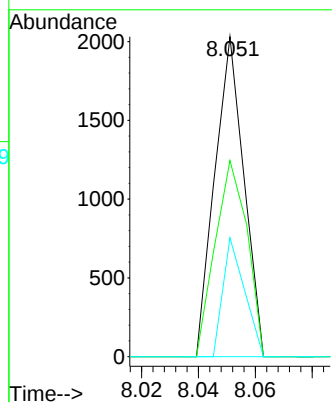
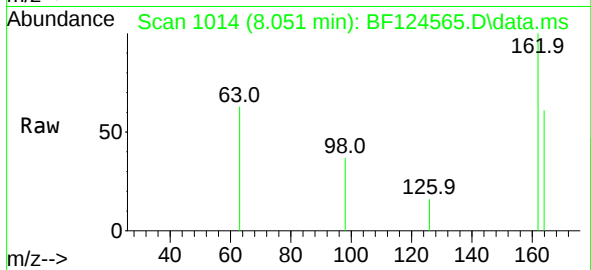




#29
2,4-Dichlorophenol
Concen: 3.865 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

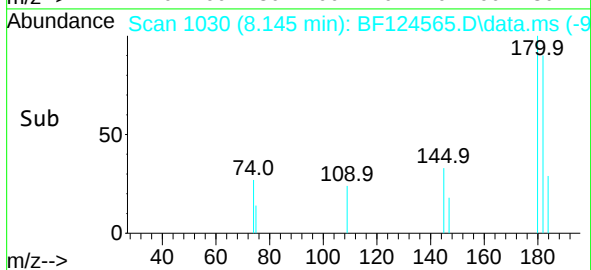
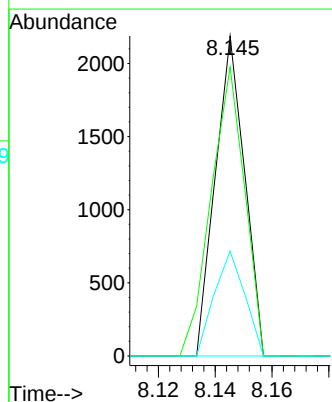
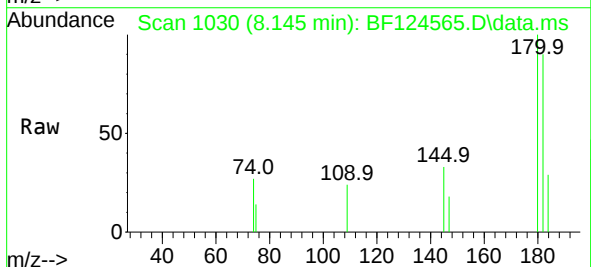
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

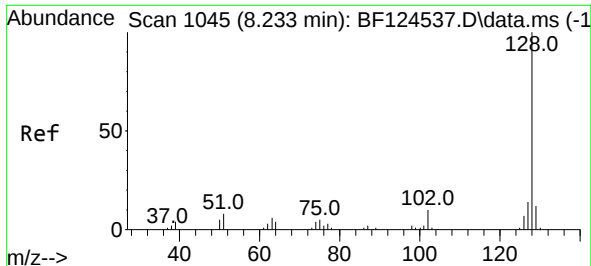
Tgt Ion:162 Resp: 1440
Ion Ratio Lower Upper
162 100
164 61.3 44.5 84.5
98 37.2 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 3.786 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:180 Resp: 1561
Ion Ratio Lower Upper
180 100
182 90.3 76.8 115.2
145 32.7 26.7 40.1

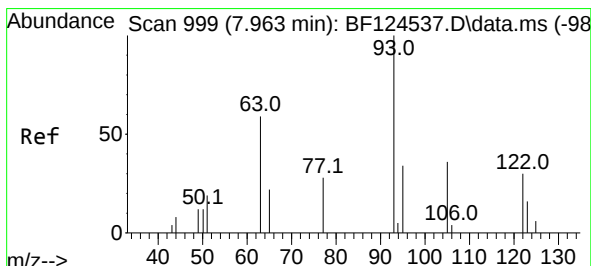
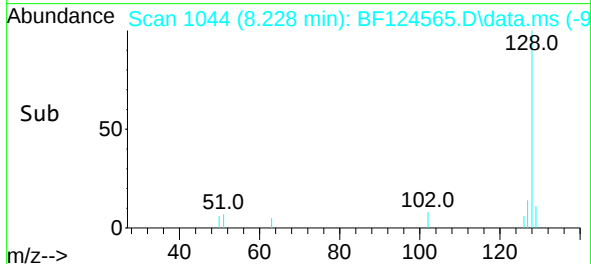
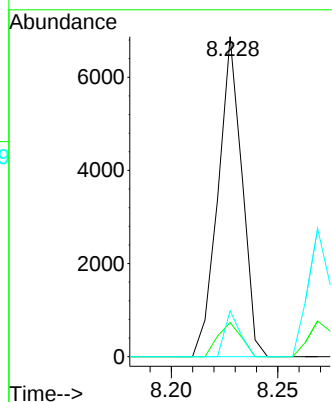
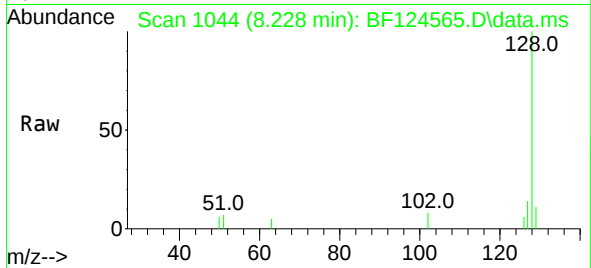




#31
Naphthalene
Concen: 4.022 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

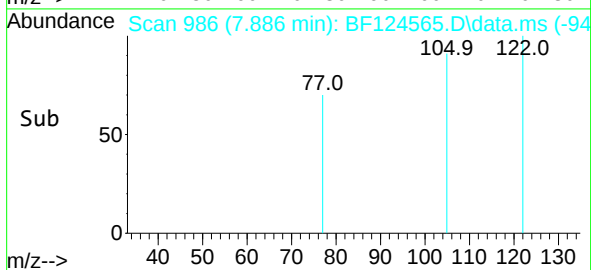
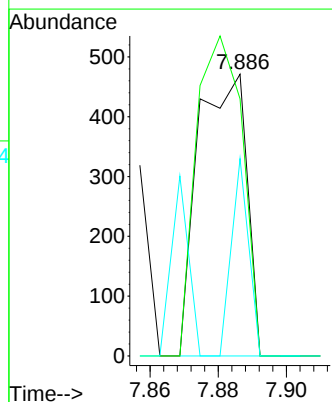
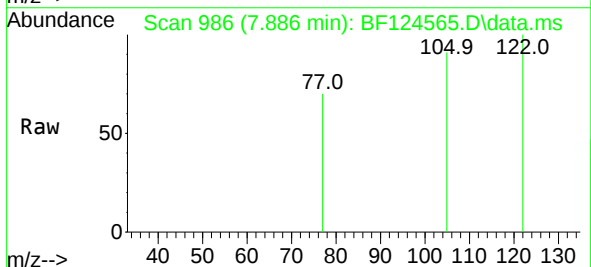
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

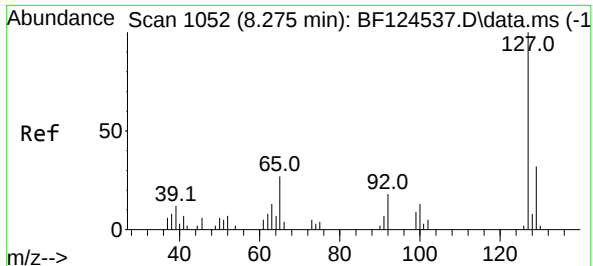
Tgt Ion:128 Resp: 5352
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 14.3 10.9 16.3



#32
Benzoic acid
Concen: 1.843 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.077 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:122 Resp: 464
Ion Ratio Lower Upper
122 100
105 91.3 97.6 137.6#
77 70.1 59.6 99.6

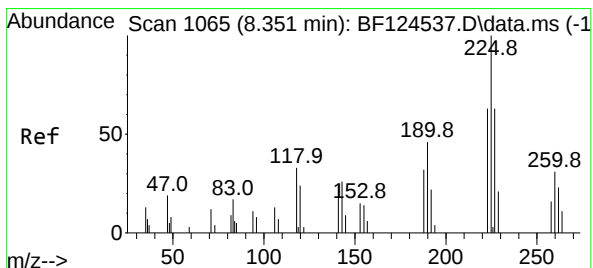
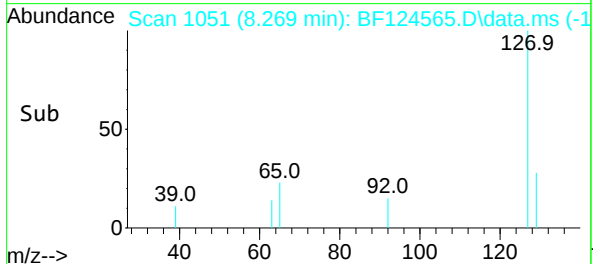
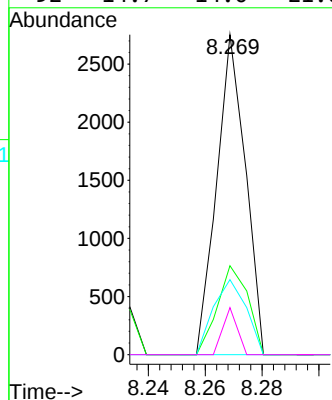
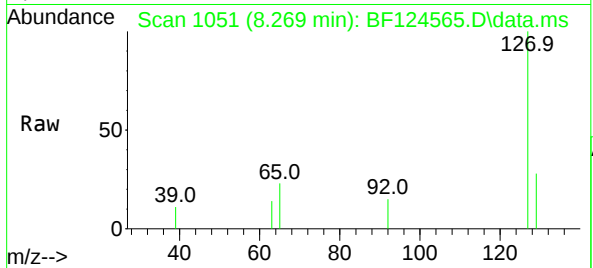




#33
4-Chloroaniline
Concen: 3.828 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

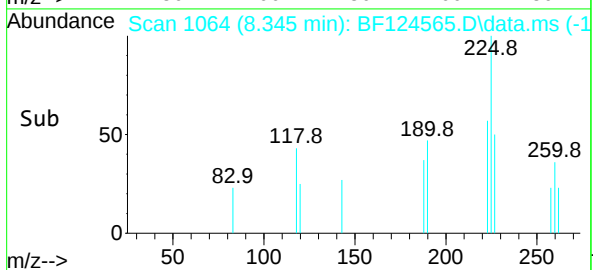
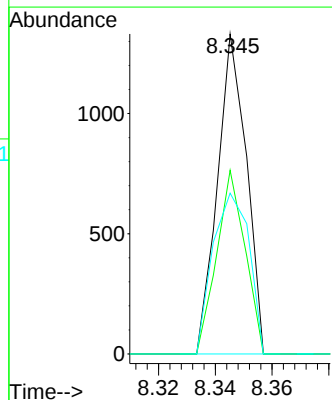
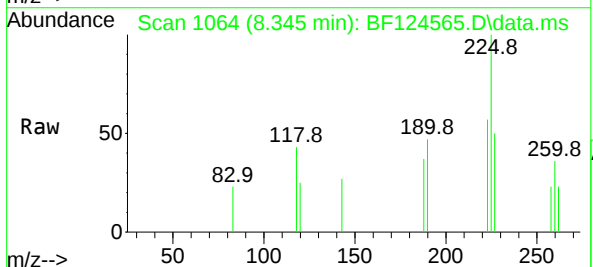
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

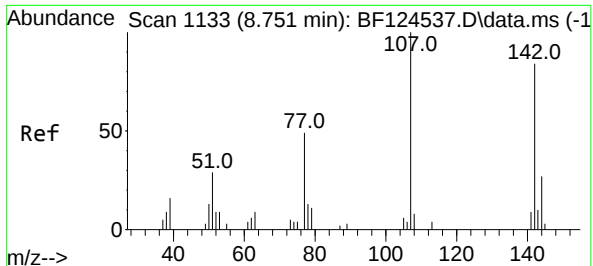
Tgt Ion:	127	Resp:	1925
Ion	Ratio	Lower	Upper
127	100		
129	27.8	25.7	38.5
65	23.4	21.2	31.8
92	14.7	14.0	21.0



#34
Hexachlorobutadiene
Concen: 4.043 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	225	Resp:	941
Ion	Ratio	Lower	Upper
225	100		
223	57.4	50.6	76.0
227	50.3	50.6	75.8

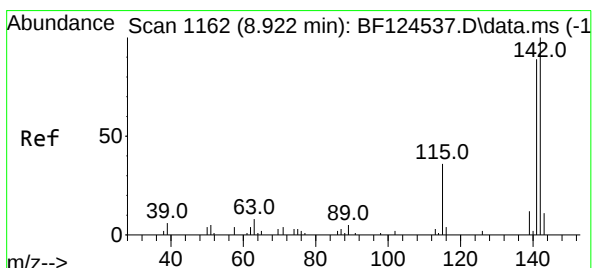
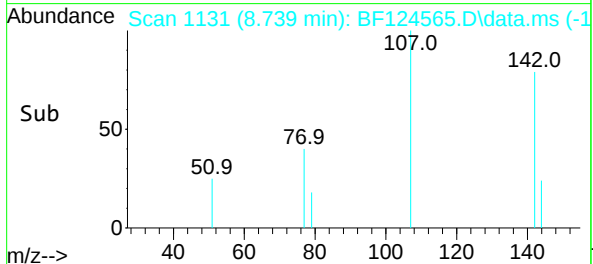
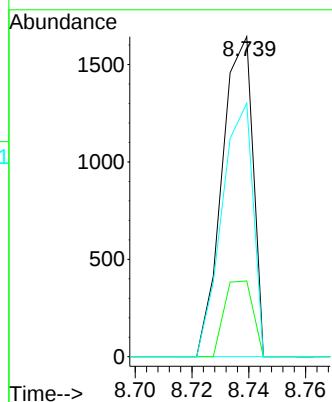
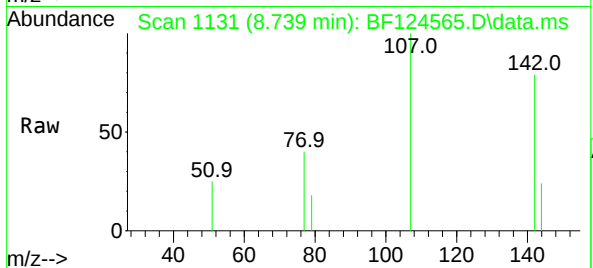




#36
4-Chloro-3-methylphenol
Concen: 3.368 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

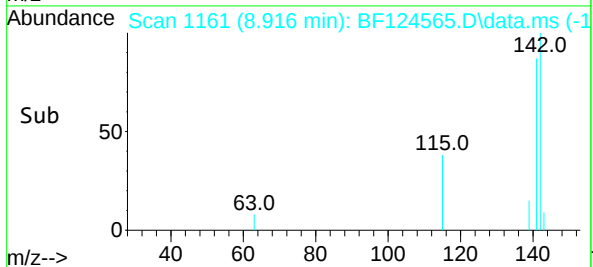
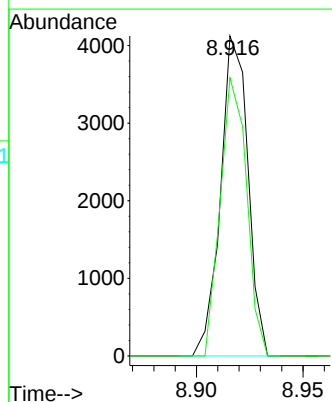
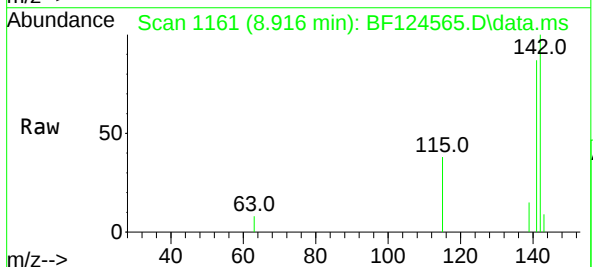
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

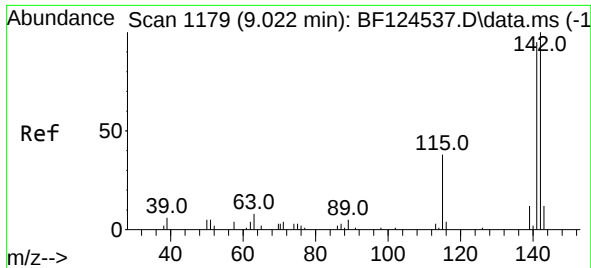
Tgt Ion:107 Resp: 1241
Ion Ratio Lower Upper
107 100
144 23.7 21.9 32.9
142 79.2 67.1 100.7



#37
2-Methylnaphthalene
Concen: 4.096 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:142 Resp: 3678
Ion Ratio Lower Upper
142 100
141 86.9 71.2 106.8

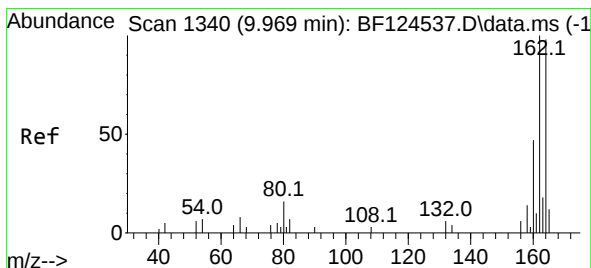
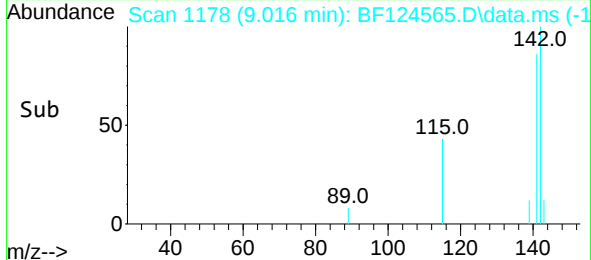
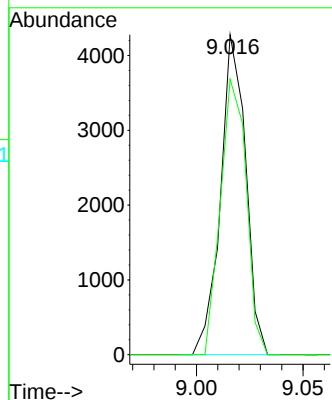
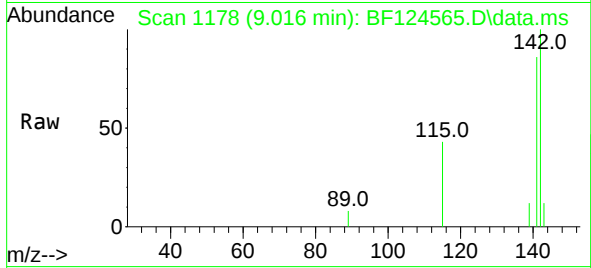




#38
1-Methylnaphthalene
Concen: 4.169 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

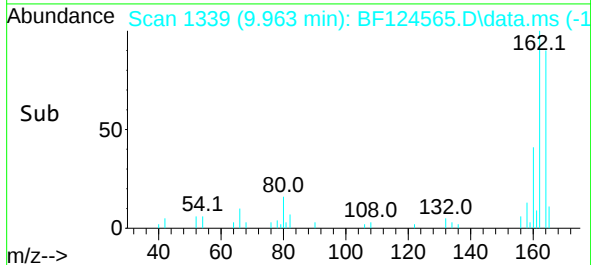
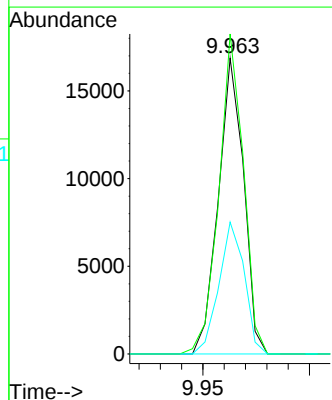
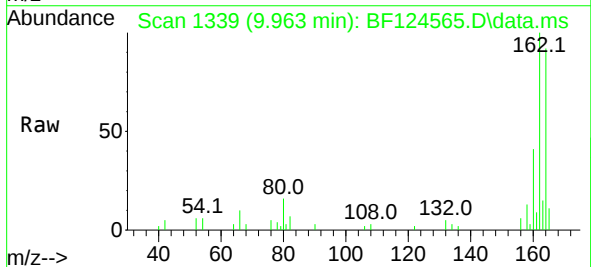
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

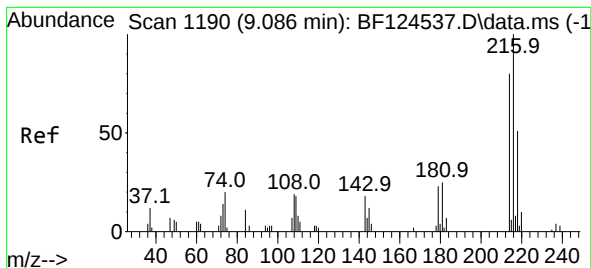
Tgt Ion:142 Resp: 3516
Ion Ratio Lower Upper
142 100
141 86.1 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:164 Resp: 13880
Ion Ratio Lower Upper
164 100
162 108.2 81.3 121.9
160 44.6 38.0 57.0

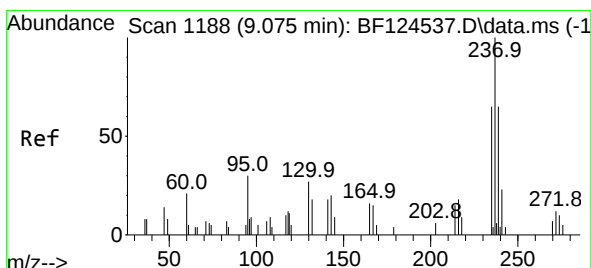
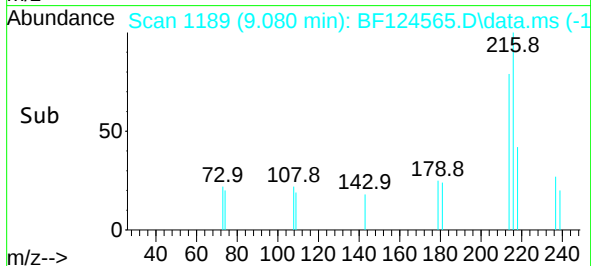
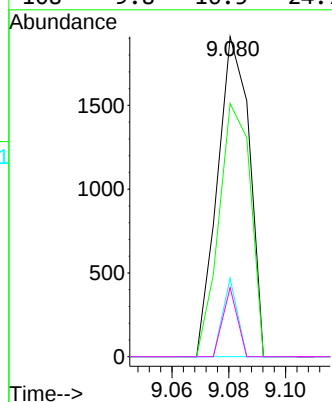
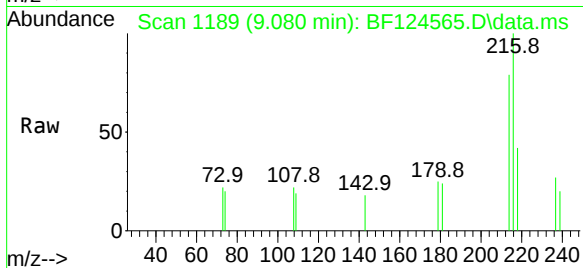




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.028 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

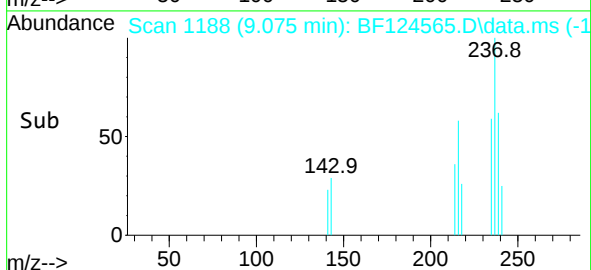
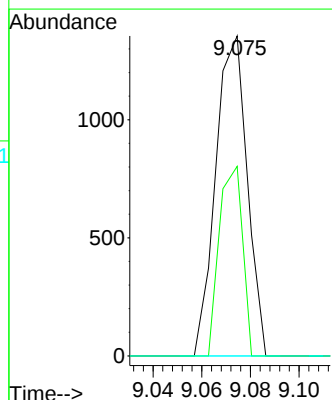
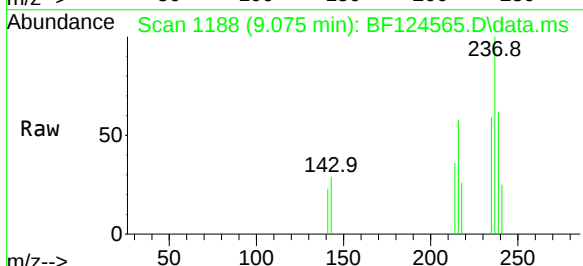
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

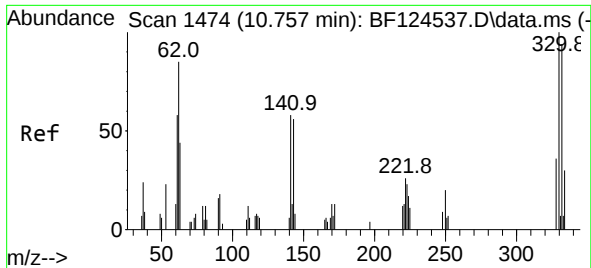
Tgt Ion:	216	Resp:	1491
Ion Ratio	Lower	Upper	
216	100		
214	78.3	64.9	97.3
179	11.1	17.4	26.2#
108	9.8	16.5	24.7#



#41
Hexachlorocyclopentadiene
Concen: 5.258 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	237	Resp:	1216
Ion Ratio	Lower	Upper	
237	100		
235	59.3	44.7	84.7
272	0.0	0.0	31.6

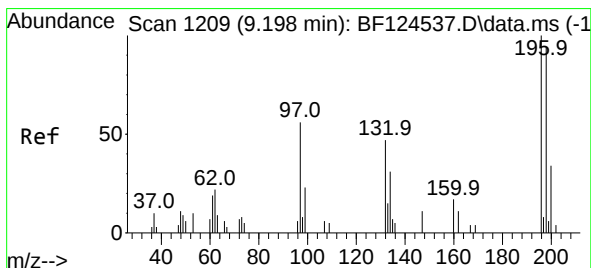
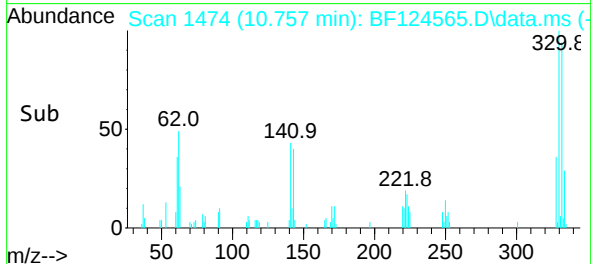
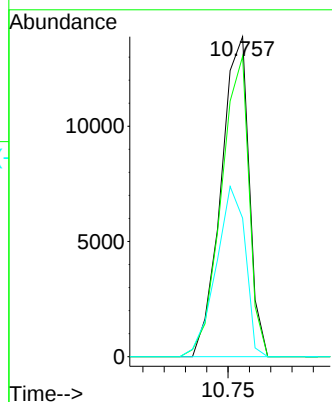
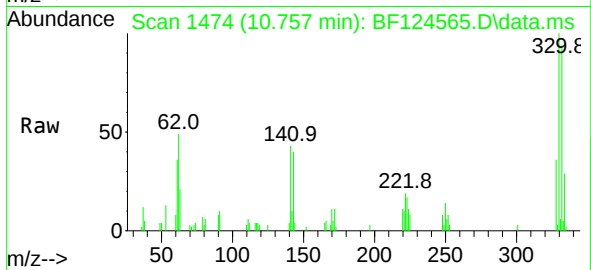




#42
2,4,6-Tribromophenol
Concen: 117.431 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

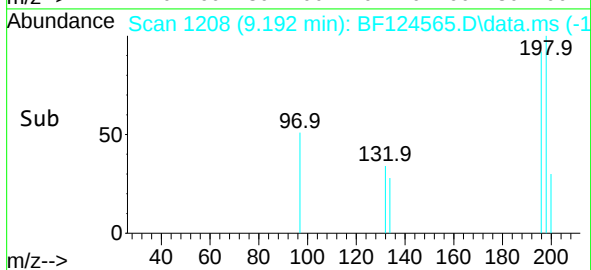
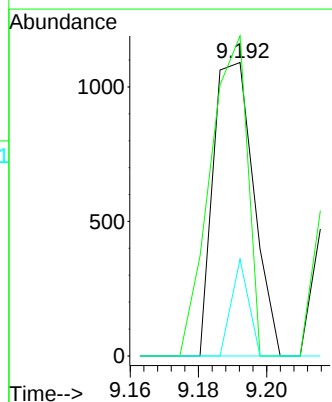
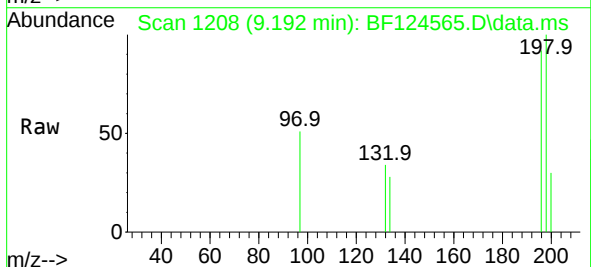
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

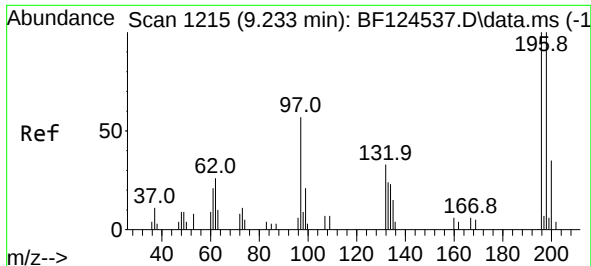
Tgt Ion:330 Resp: 12684
Ion Ratio Lower Upper
330 100
332 93.0 76.2 114.4
141 55.2 44.6 66.8



#43
2,4,6-Trichlorophenol
Concen: 3.368 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:196 Resp: 900
Ion Ratio Lower Upper
196 100
198 109.1 74.9 112.3
200 33.0 27.0 40.4

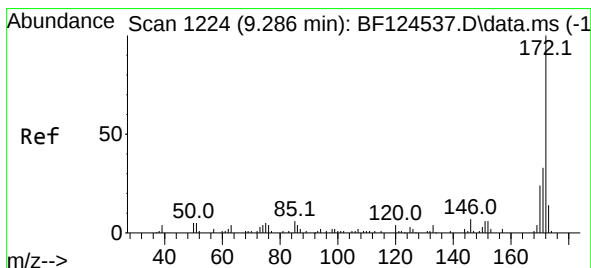
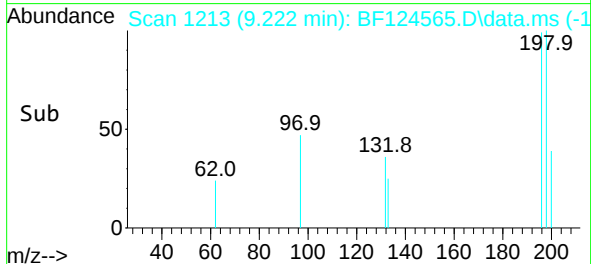
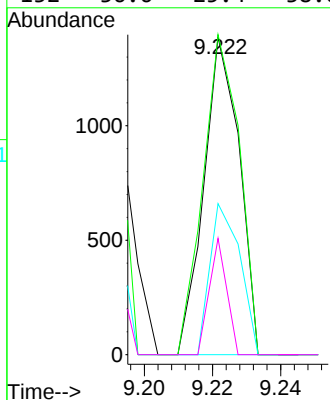
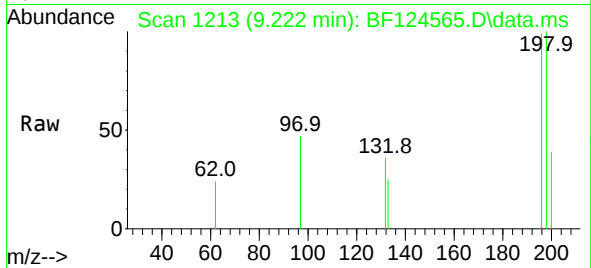




#44
2,4,5-Trichlorophenol
Concen: 3.624 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

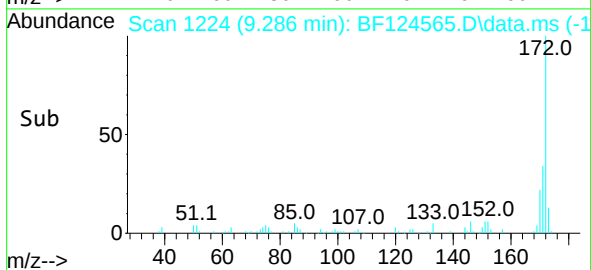
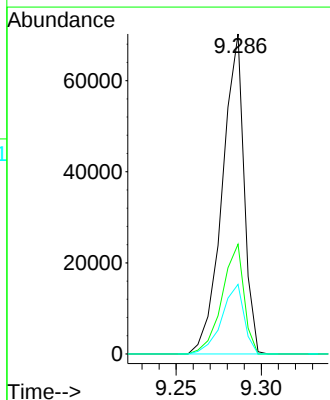
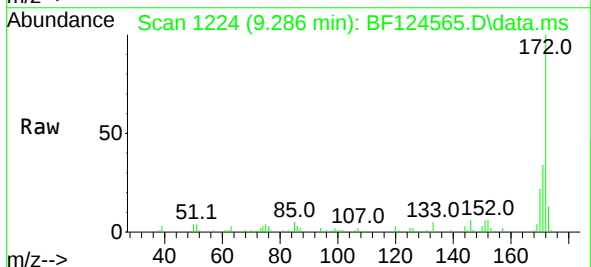
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

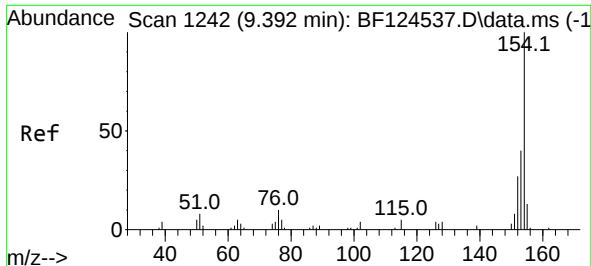
Tgt Ion:196	Resp:	999
Ion Ratio	Lower	Upper
196	100	
198	100.7	80.2 120.2
97	47.6	44.0 66.0
132	36.6	25.4 38.0



#45
2-Fluorobiphenyl
Concen: 65.280 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:172	Resp:	62136
Ion Ratio	Lower	Upper
172	100	
171	34.3	26.5 39.7
170	21.7	18.8 28.2

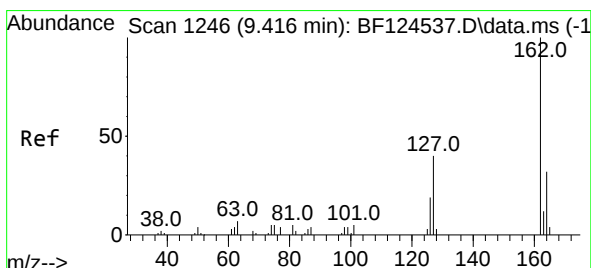
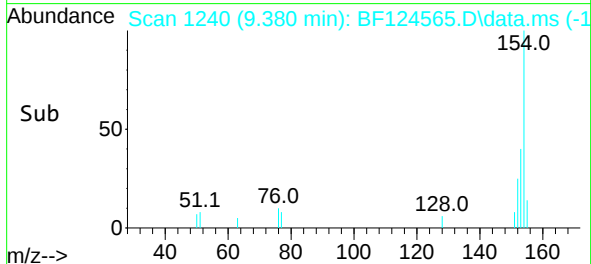
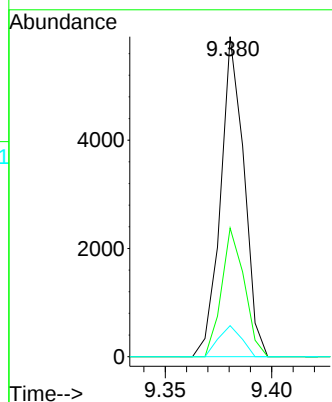
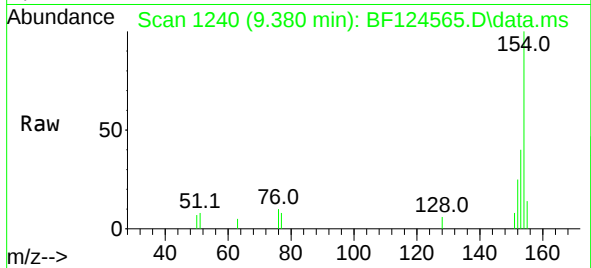




#46
1,1'-Biphenyl
Concen: 4.281 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

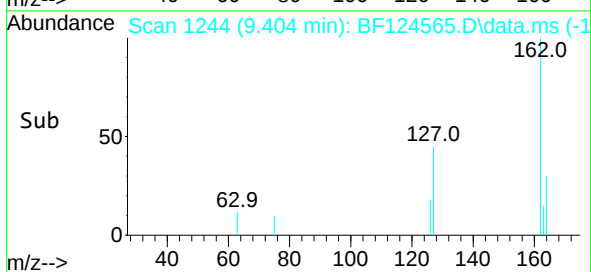
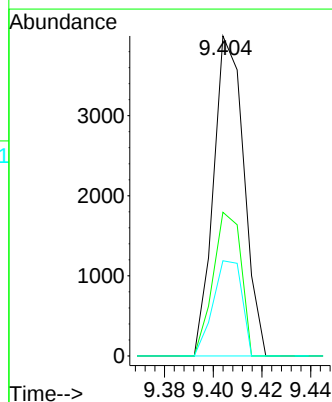
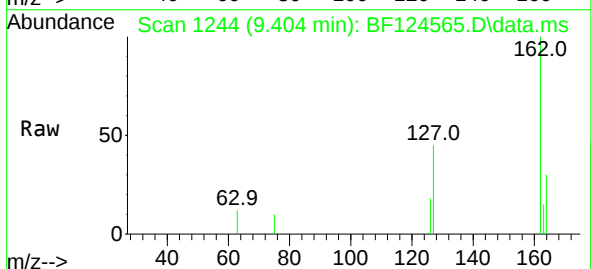
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

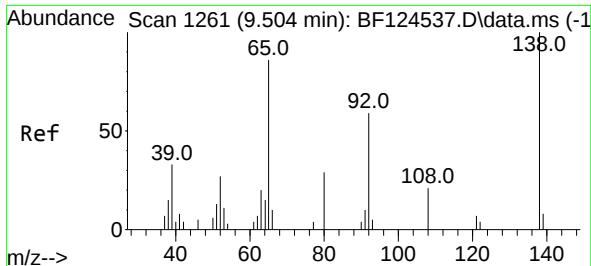
Tgt Ion:154	Resp:	4513
Ion Ratio	Lower	Upper
154	100	
153	40.2	20.0 60.0
76	9.7	0.0 30.3



#47
2-Chloronaphthalene
Concen: 4.181 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:162	Resp:	3456
Ion Ratio	Lower	Upper
162	100	
127	44.9	33.0 49.4
164	29.8	25.8 38.8

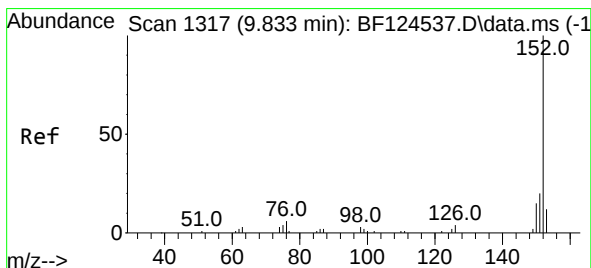
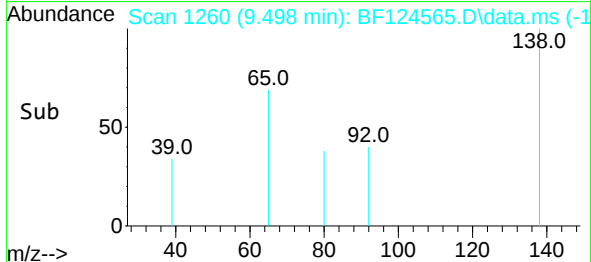
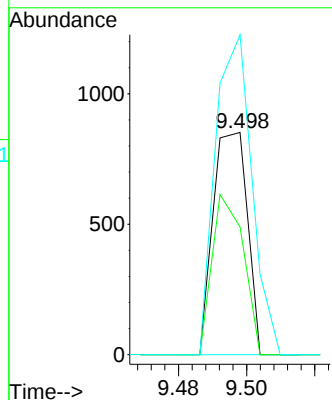
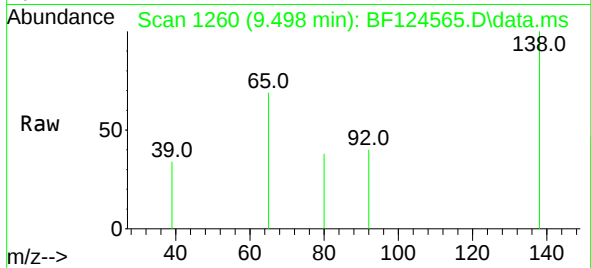




#48
2-Nitroaniline
Concen: 2.989 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

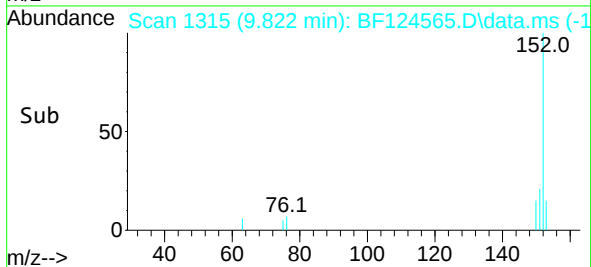
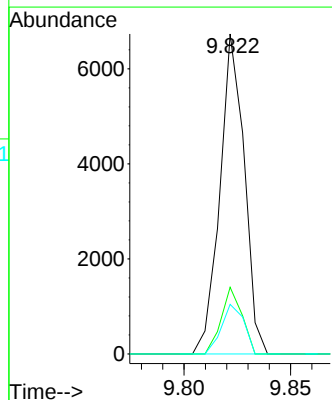
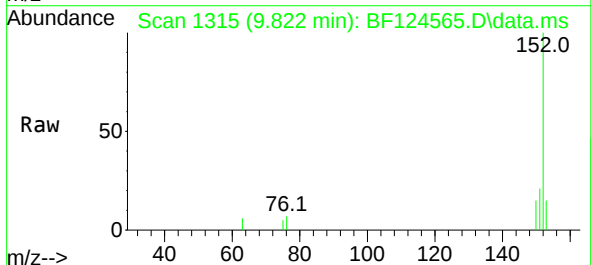
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

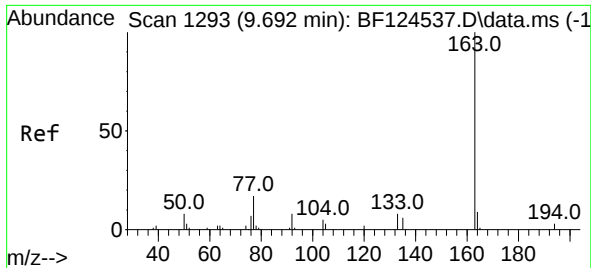
Tgt Ion: 65 Resp: 594
Ion Ratio Lower Upper
65 100
92 57.5 55.5 83.3
138 144.0 93.5 140.3#



#49
Acenaphthylene
Concen: 4.152 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 152 Resp: 5355
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 15.5 9.8 14.8#

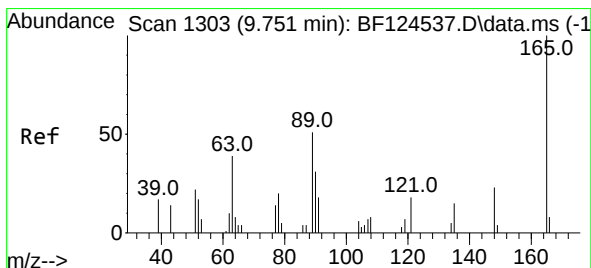
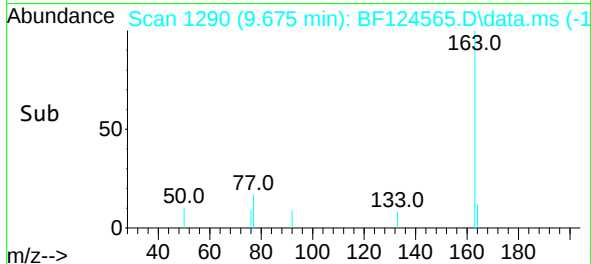
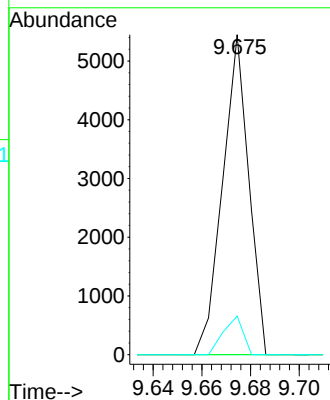
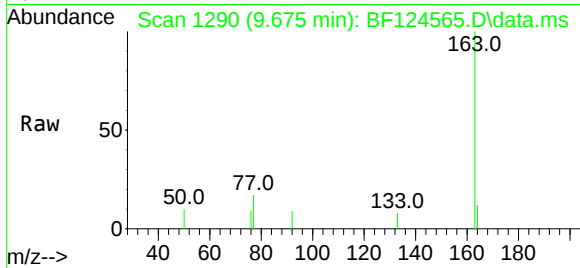




#50
Dimethylphthalate
Concen: 4.206 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

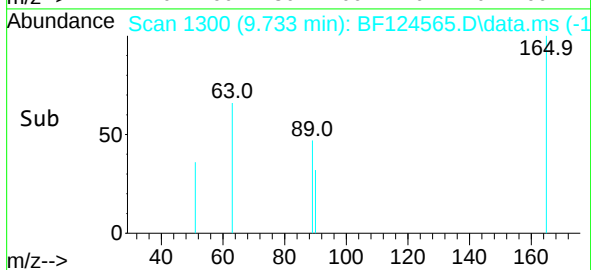
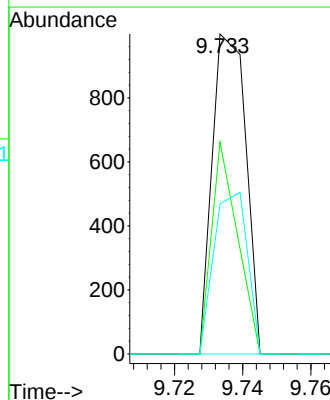
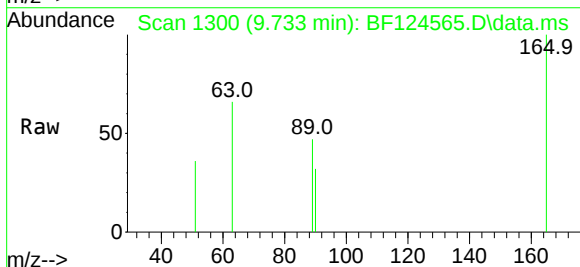
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

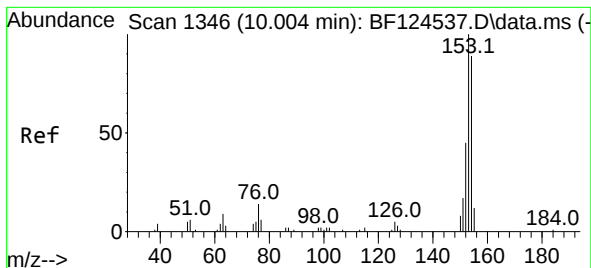
Tgt Ion:163 Resp: 4062
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 12.1 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 3.588 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:165 Resp: 683
Ion Ratio Lower Upper
165 100
63 66.2 42.6 63.8#
89 46.9 40.6 60.8

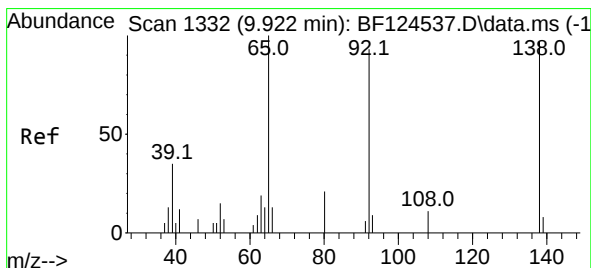
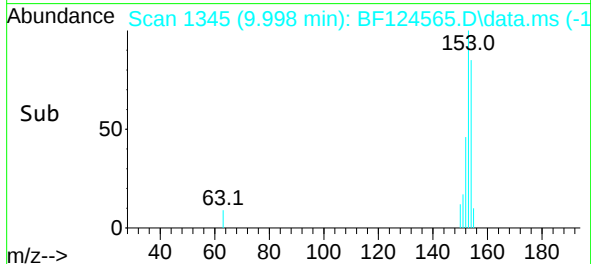
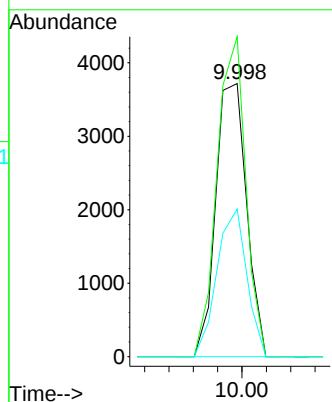
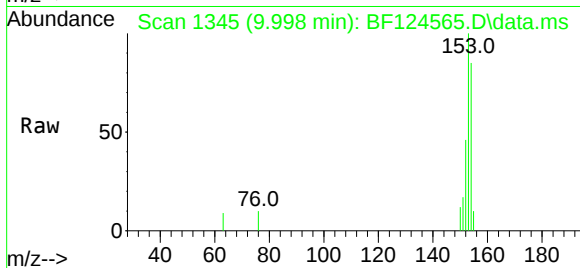




#52
Acenaphthene
Concen: 3.966 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

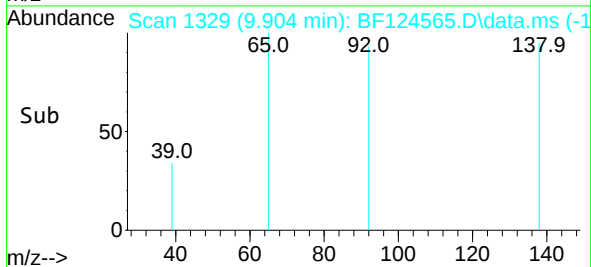
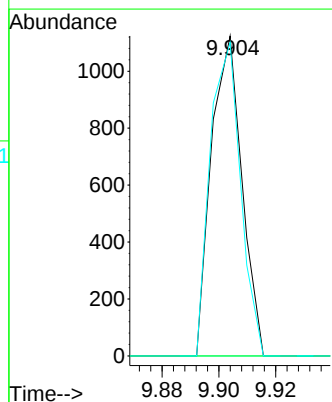
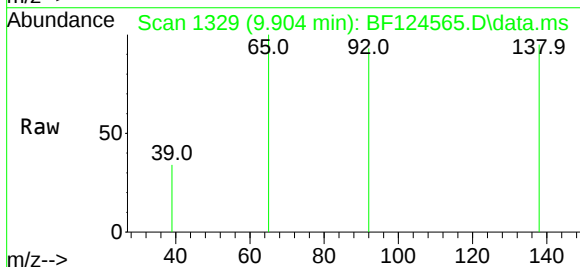
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

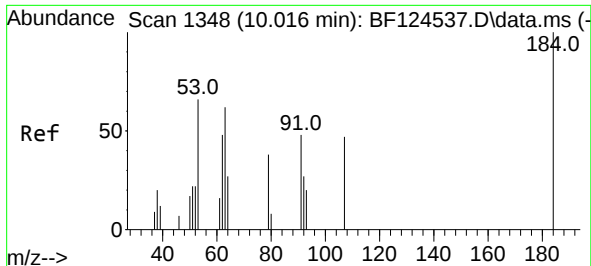
Tgt Ion:154 Resp: 3271
Ion Ratio Lower Upper
154 100
153 117.2 89.4 134.2
152 54.1 40.5 60.7



#53
3-Nitroaniline
Concen: 3.940 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:138 Resp: 837
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 98.0 76.5 114.7

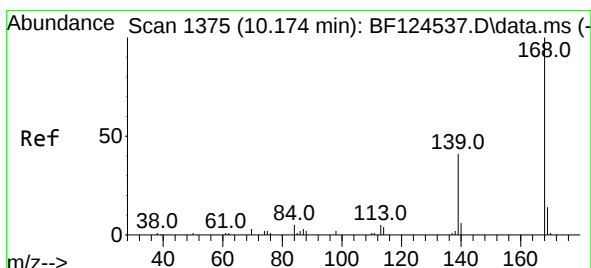
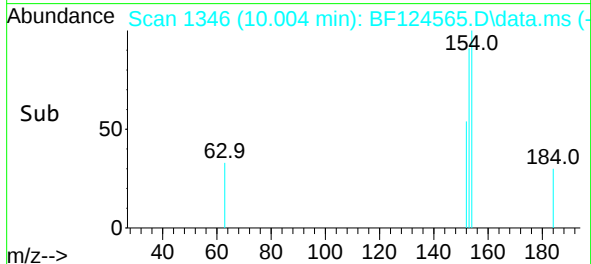
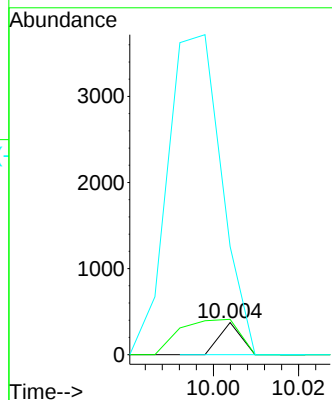
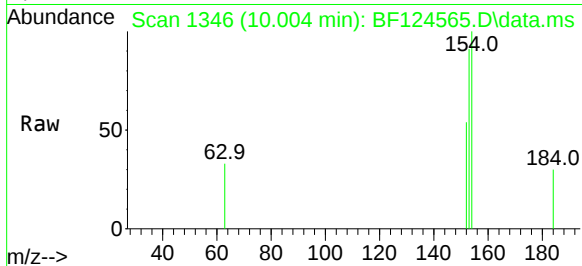




#54
2,4-Dinitrophenol
Concen: 1.329 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

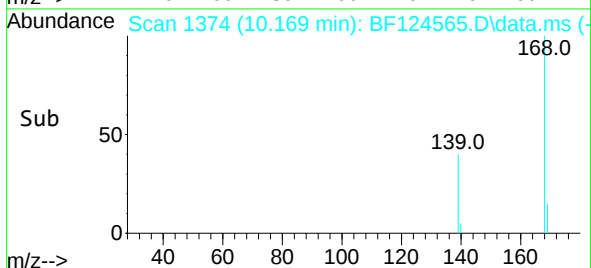
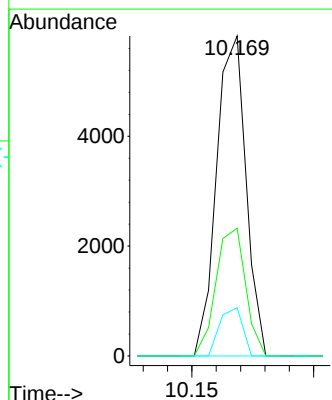
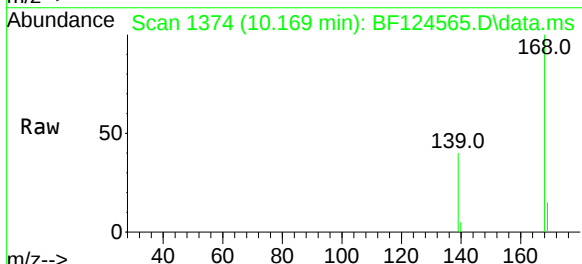
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

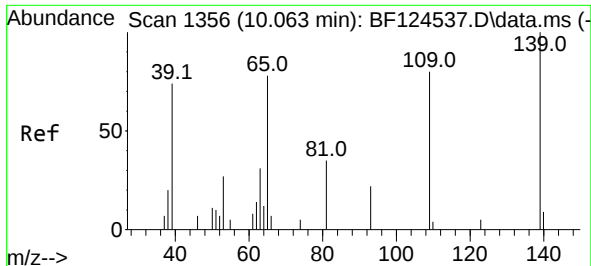
Tgt Ion:184 Resp: 132
Ion Ratio Lower Upper
184 100
63 109.9 59.3 88.9#
154 335.8 68.6 102.8#



#55
Dibenzofuran
Concen: 4.033 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:168 Resp: 4890
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 15.1 11.2 16.8

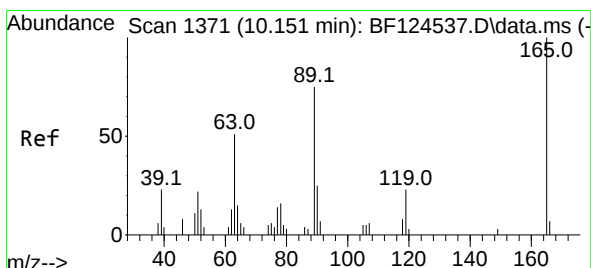
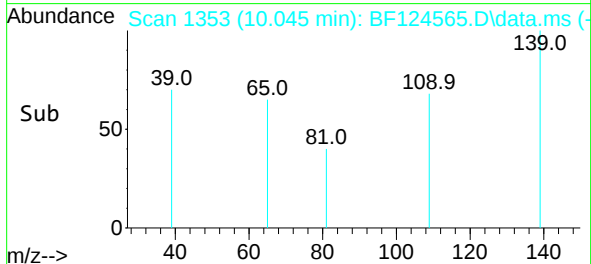
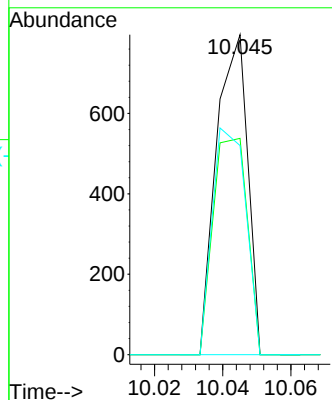
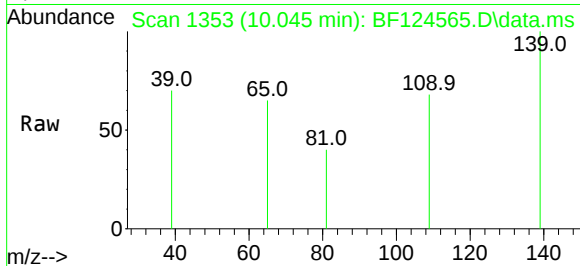




#56
4-Nitrophenol
Concen: 2.856 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

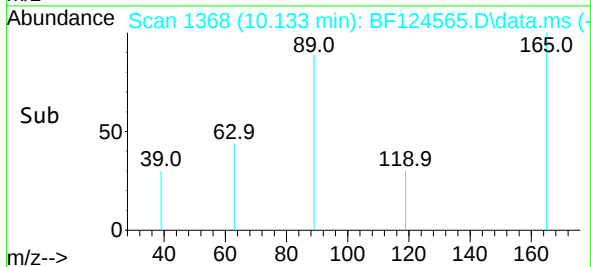
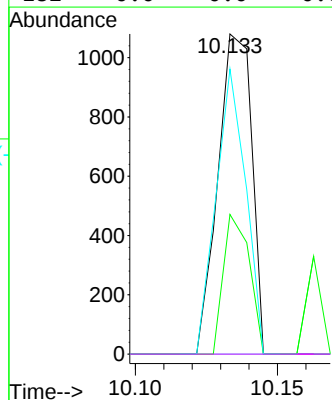
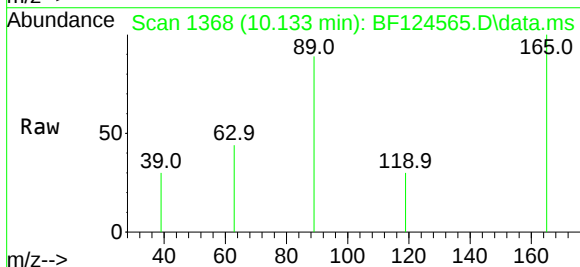
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

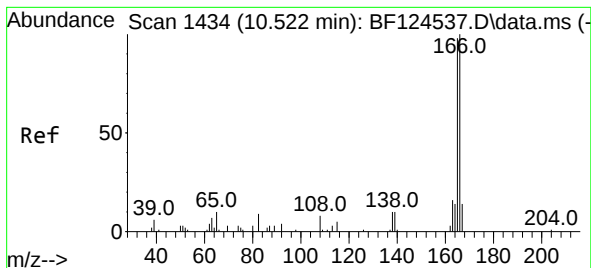
Tgt Ion:139 Resp: 505
Ion Ratio Lower Upper
139 100
109 67.6 60.4 100.4
65 65.3 58.4 98.4



#57
2,4-Dinitrotoluene
Concen: 3.419 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:165 Resp: 891
Ion Ratio Lower Upper
165 100
63 43.6 40.9 61.3
89 89.1 59.7 89.5
182 0.0 0.0 0.0





#58

Fluorene

Concen: 3.798 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

Tgt Ion:166 Resp: 3562

Ion Ratio Lower Upper

166 100

165 105.9 78.1 117.1

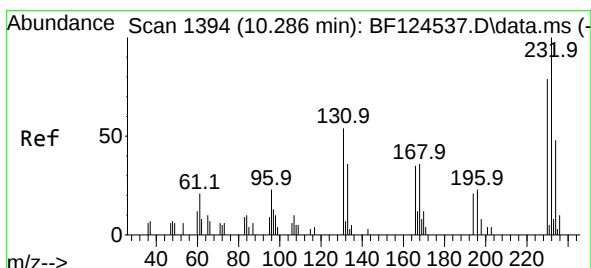
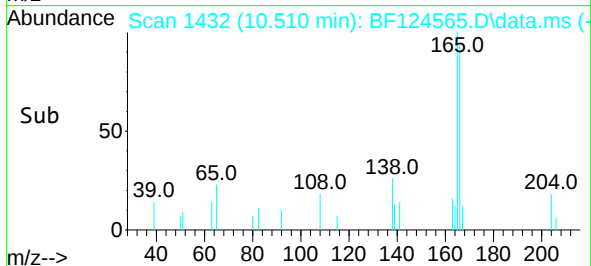
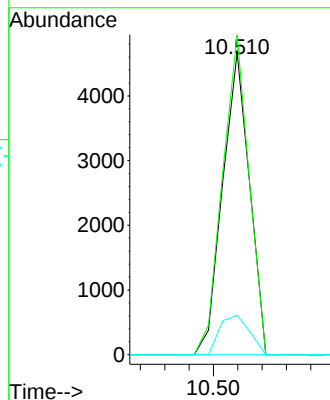
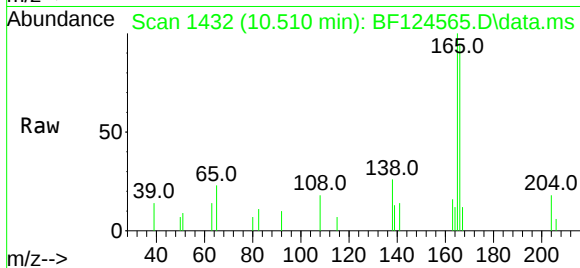
167 13.0 11.1 16.7

Instrument :

BNA_F

ClientSampleId :

MDL-SOIL-03-QT3-2021



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.119 ng

RT: 10.280 min Scan# 1393

Delta R.T. -0.006 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

Tgt Ion:232 Resp: 664

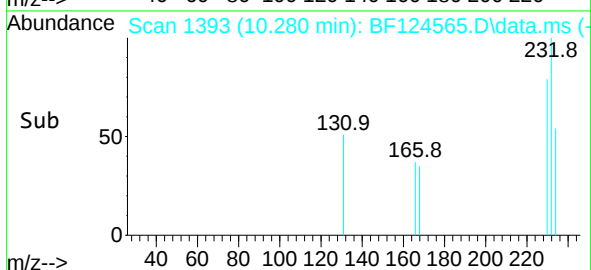
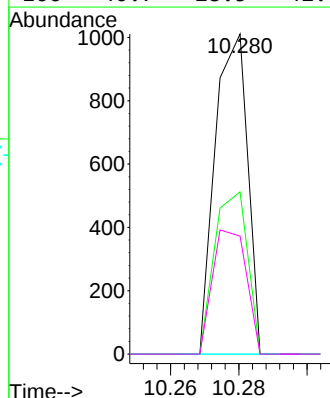
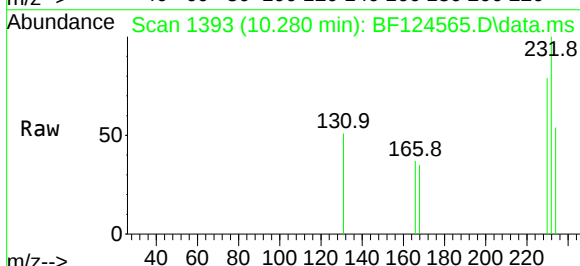
Ion Ratio Lower Upper

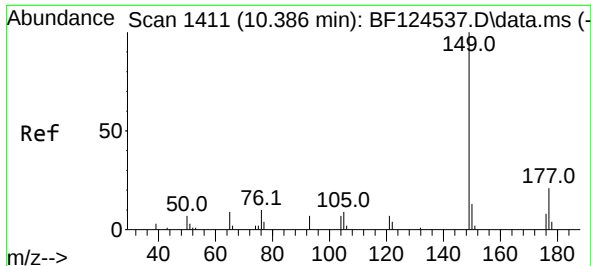
232 100

131 51.7 45.4 68.0

130 0.0 0.0 0.0

166 40.7 28.5 42.7

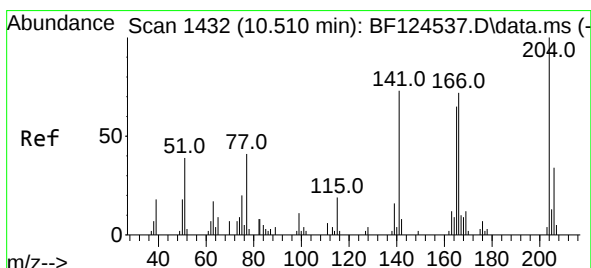
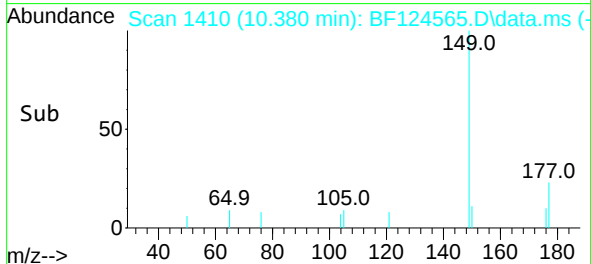
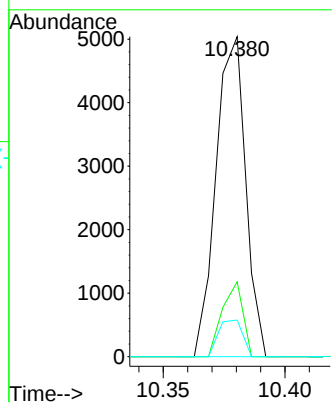
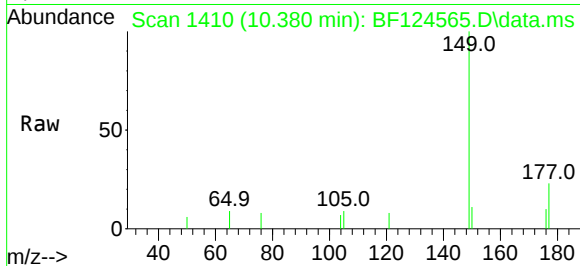




#60
Diethylphthalate
Concen: 4.226 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

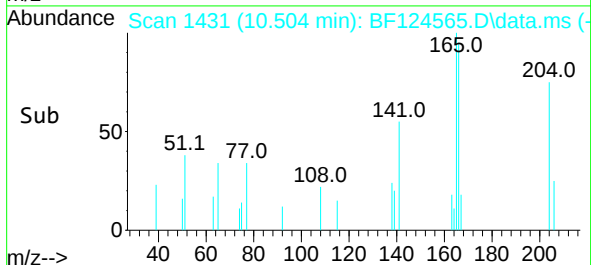
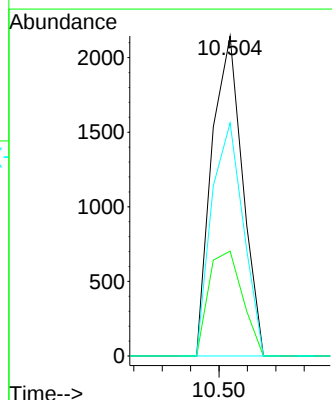
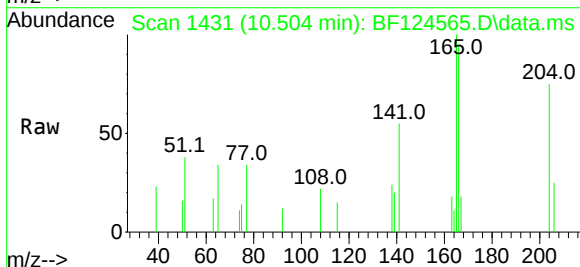
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

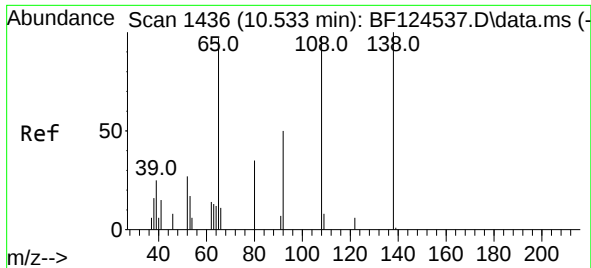
Tgt Ion:149 Resp: 4267
Ion Ratio Lower Upper
149 100
177 23.4 16.5 24.7
150 11.5 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 3.777 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:204 Resp: 1608
Ion Ratio Lower Upper
204 100
206 32.8 27.6 41.4
141 72.9 58.6 88.0

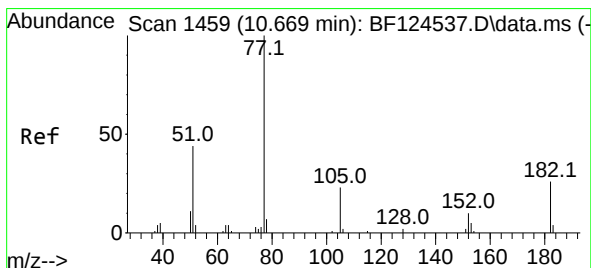
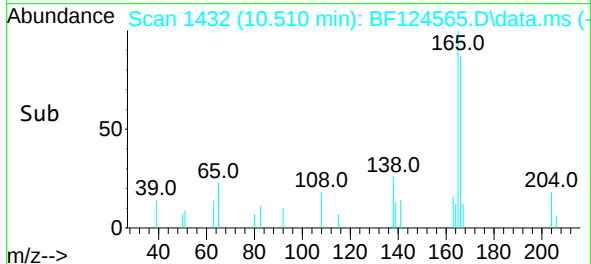
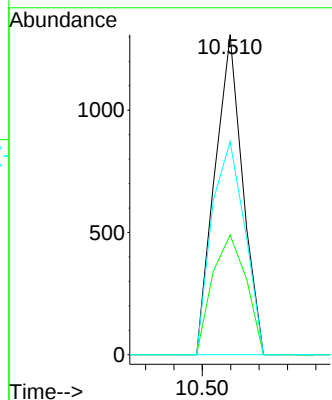
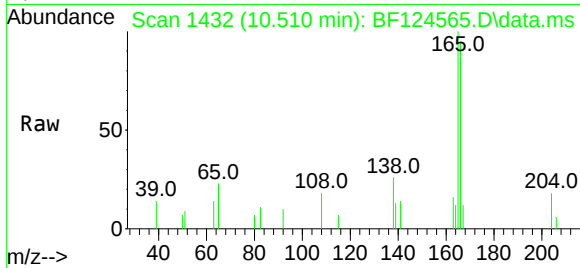




#62
4-Nitroaniline
Concen: 4.152 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.024 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

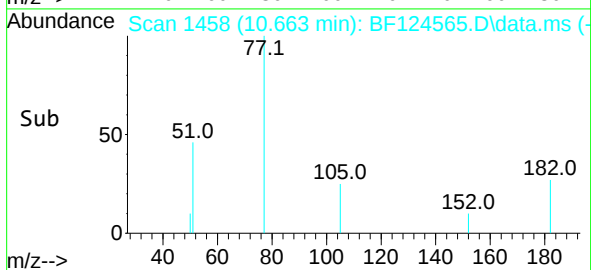
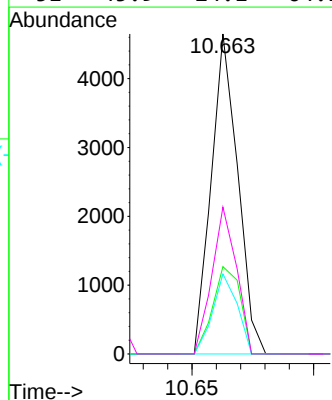
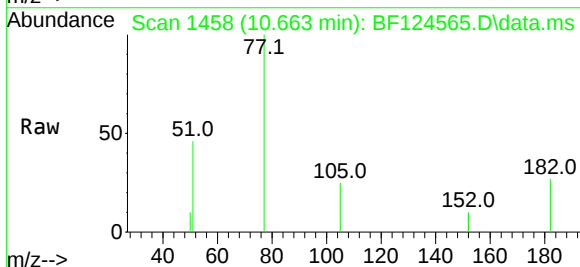
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

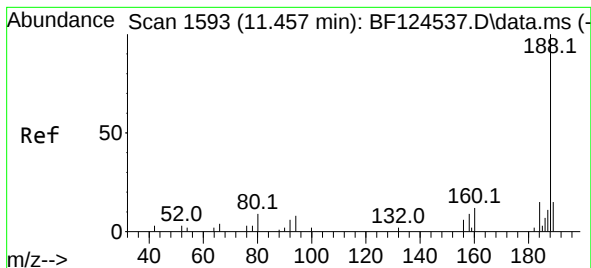
Tgt Ion:138 Resp: 889
Ion Ratio Lower Upper
138 100
92 37.4 29.6 69.6
108 66.5 78.1 118.1#



#63
Azobenzene
Concen: 3.985 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion: 77 Resp: 3517
Ion Ratio Lower Upper
77 100
182 27.3 6.3 46.3
105 25.0 2.9 42.9
51 45.9 24.1 64.1

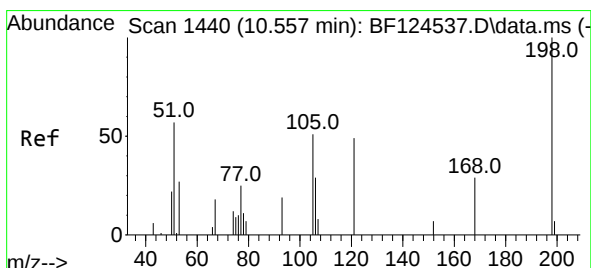
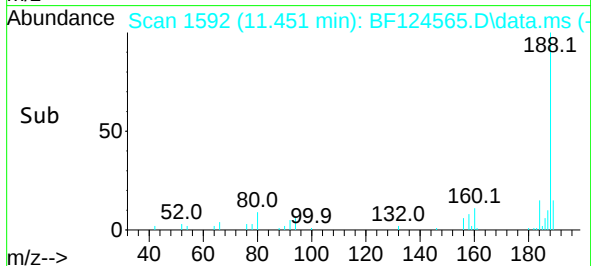
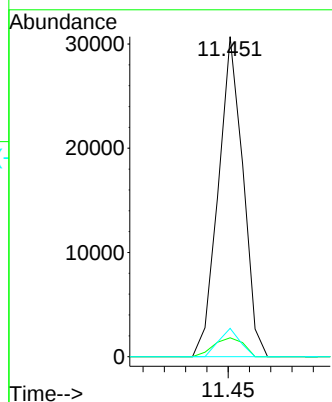
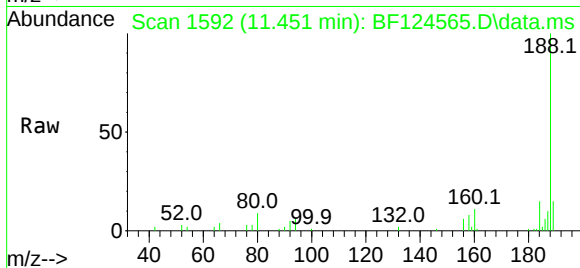




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

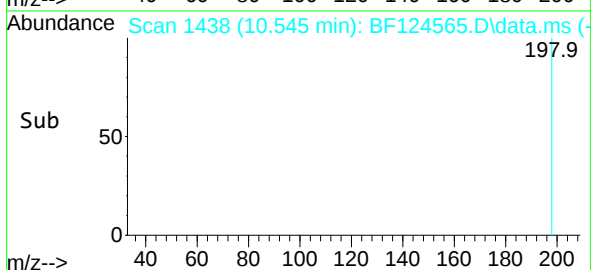
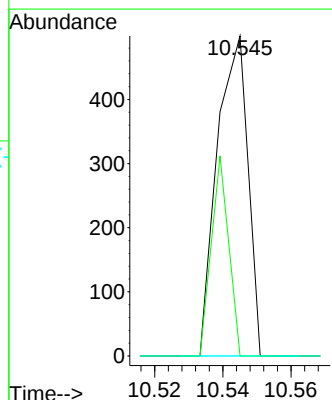
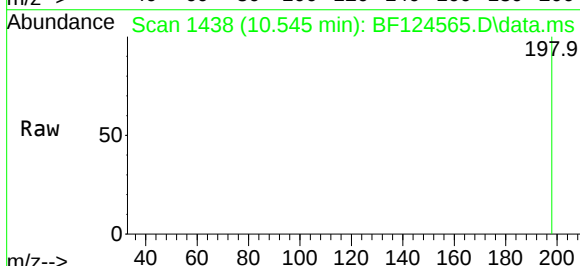
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

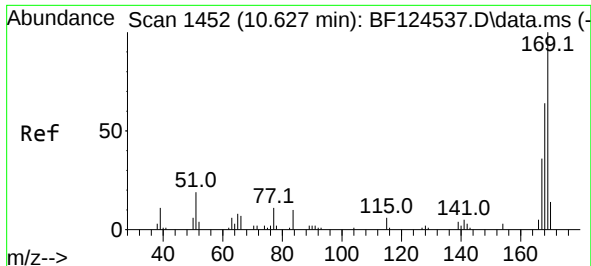
Tgt Ion:188 Resp: 24680
Ion Ratio Lower Upper
188 100
94 5.9 6.7 10.1#
80 8.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 2.199 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:198 Resp: 310
Ion Ratio Lower Upper
198 100
51 0.0 45.3 85.3#
105 0.0 30.6 70.6#

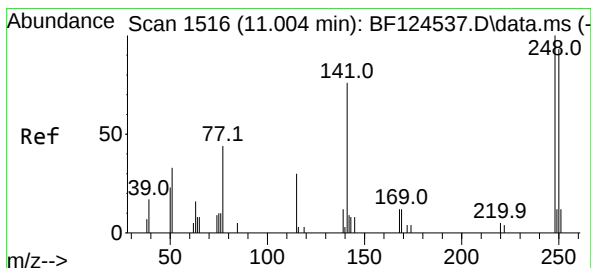
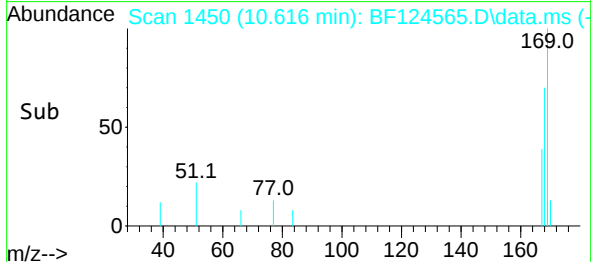
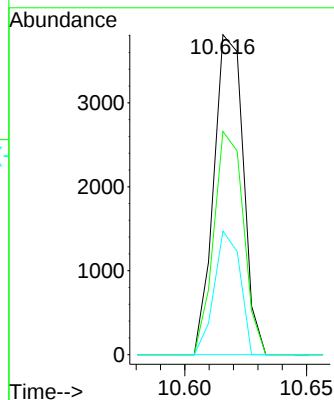
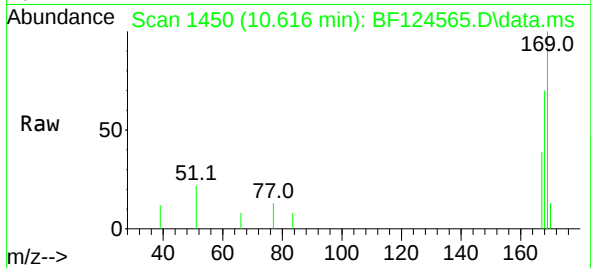




#66
n-Nitrosodiphenylamine
Concen: 3.997 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

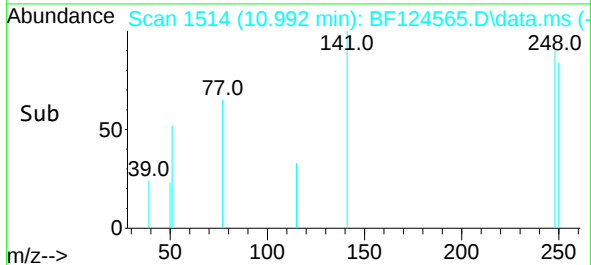
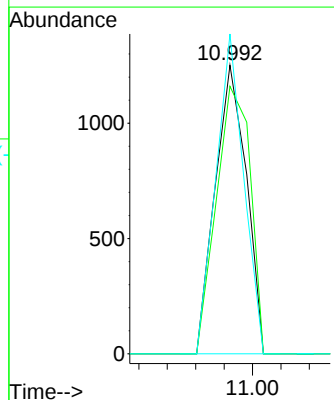
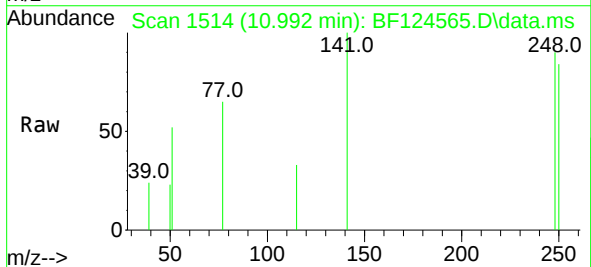
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

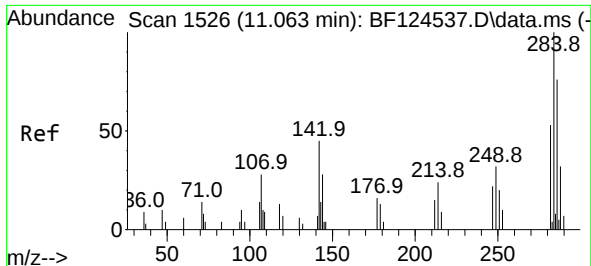
Tgt Ion:169	Resp:	3212
Ion Ratio	Lower	Upper
169	100	
168	69.8	50.8 76.2
167	38.6	28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 3.719 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:248	Resp:	949
Ion Ratio	Lower	Upper
248	100	
250	92.7	74.2 111.4
141	110.8	60.4 90.6#

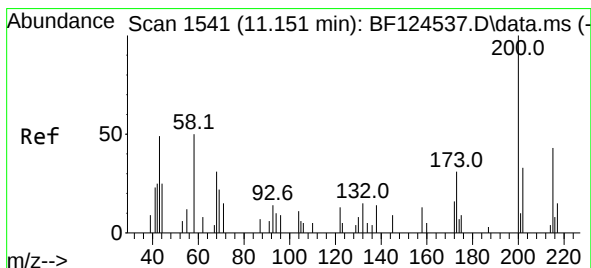
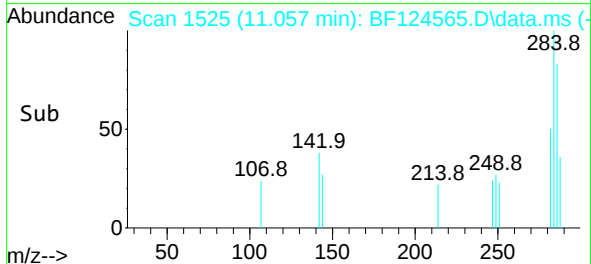
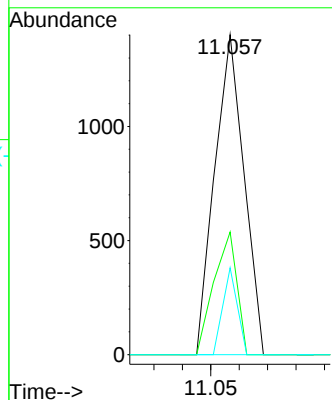
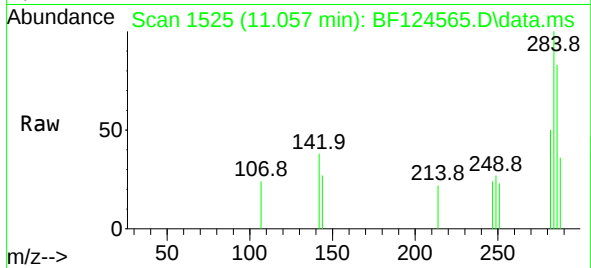




#68
Hexachlorobenzene
Concen: 3.836 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

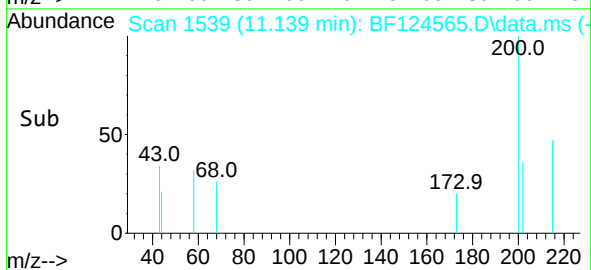
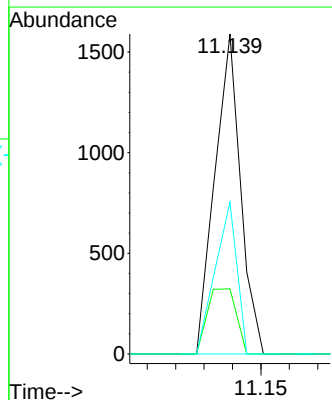
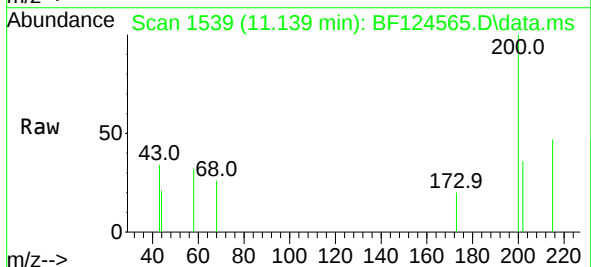
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

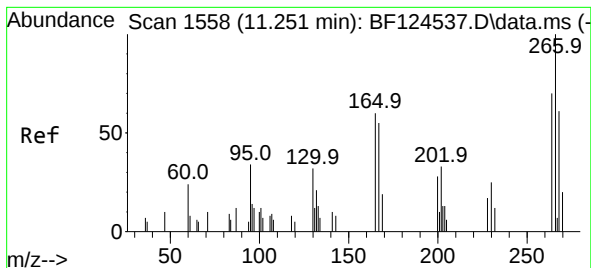
Tgt Ion:284 Resp: 1003
Ion Ratio Lower Upper
284 100
142 38.4 36.4 54.6
249 27.2 25.6 38.4



#69
Atrazine
Concen: 4.047 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:200 Resp: 996
Ion Ratio Lower Upper
200 100
173 20.3 11.1 51.1
215 47.4 22.7 62.7

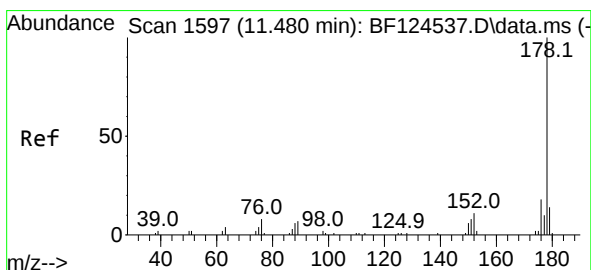
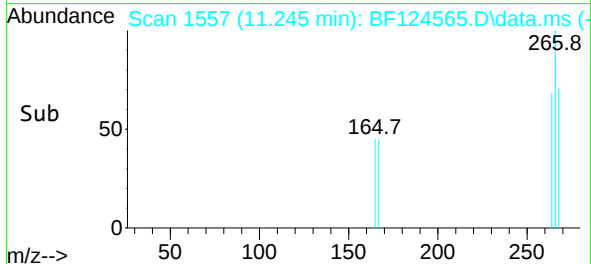
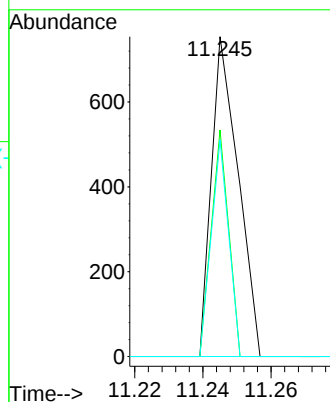
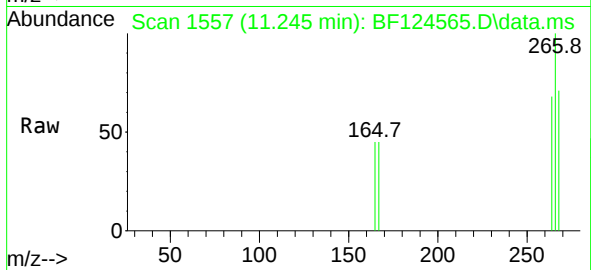




#70
Pentachlorophenol
Concen: 2.467 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

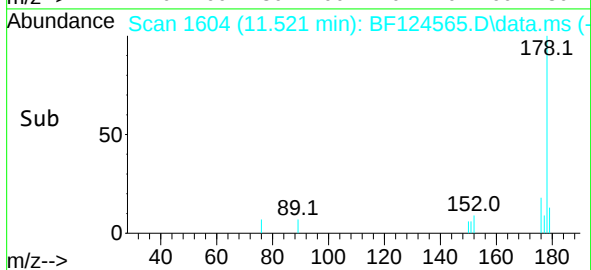
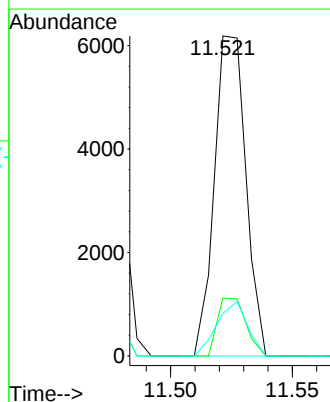
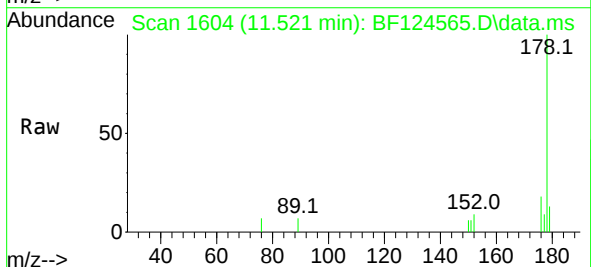
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

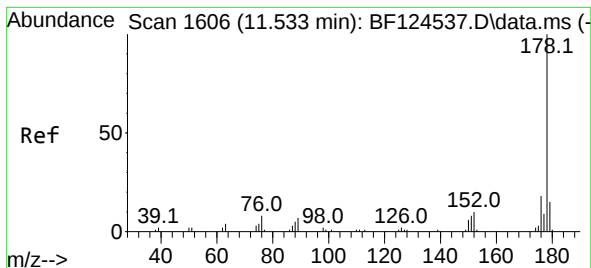
Tgt Ion:266 Resp: 408
Ion Ratio Lower Upper
266 100
268 70.8 48.9 73.3
264 67.8 55.9 83.9



#71
Phenanthrene
Concen: 4.132 ng
RT: 11.521 min Scan# 1604
Delta R.T. 0.041 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:178 Resp: 5564
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 13.3 11.5 17.3





#72

Anthracene

Concen: 4.119 ng

RT: 11.521 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

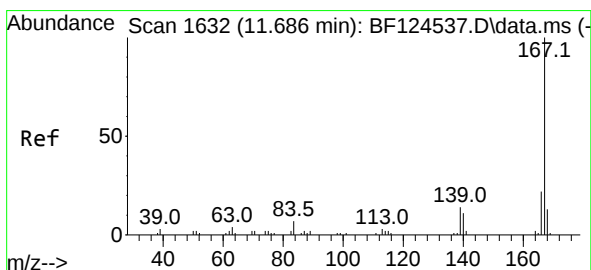
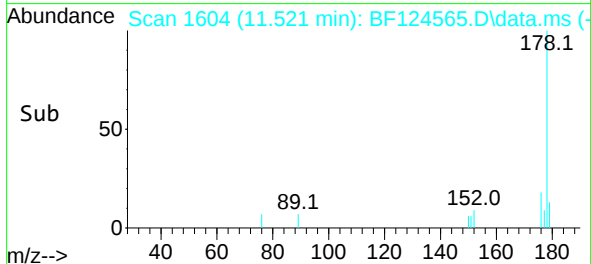
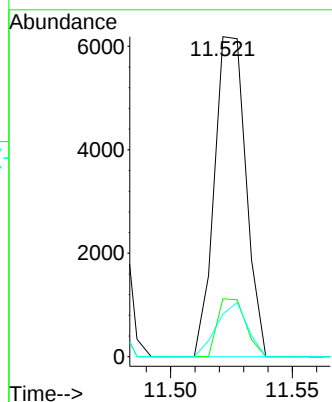
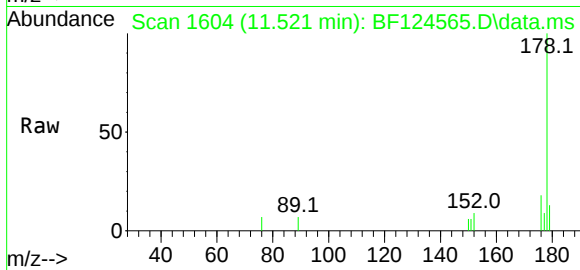
Tgt Ion:178 Resp: 5564

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

179 13.3 12.2 18.4



#73

Carbazole

Concen: 3.873 ng

RT: 11.674 min Scan# 1630

Delta R.T. -0.012 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26

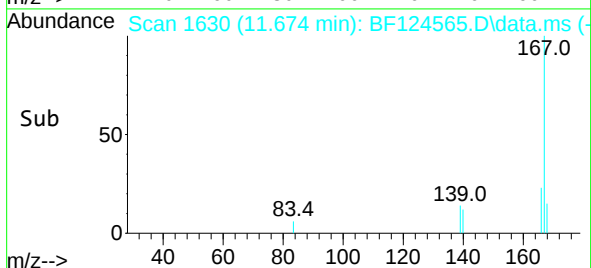
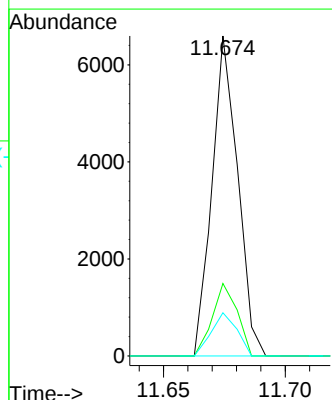
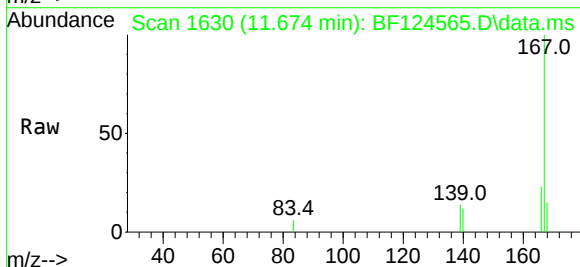
Tgt Ion:167 Resp: 4834

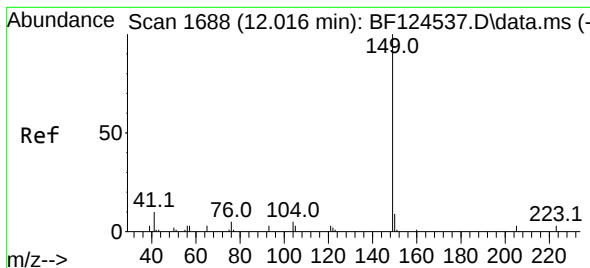
Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.0

139 13.5 11.0 16.4

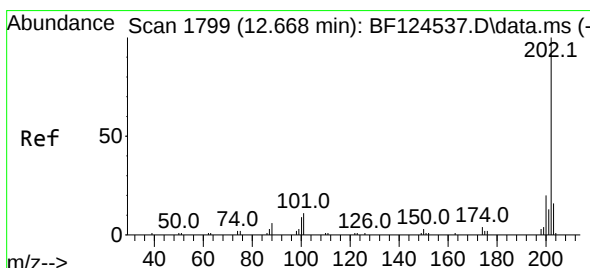
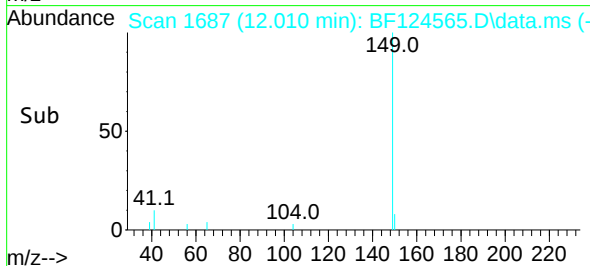
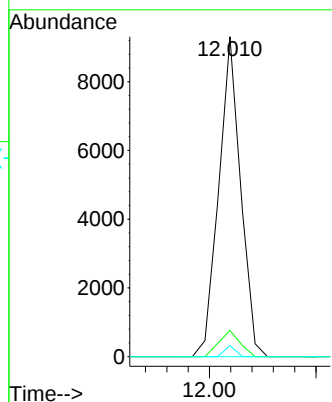
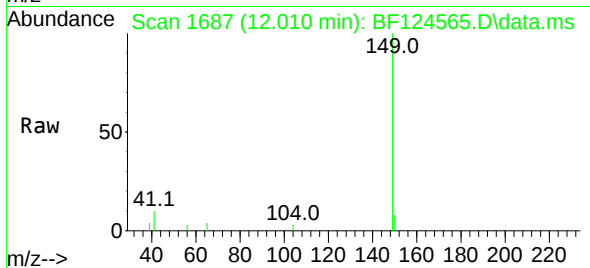




#74
Di-n-butylphthalate
Concen: 3.940 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

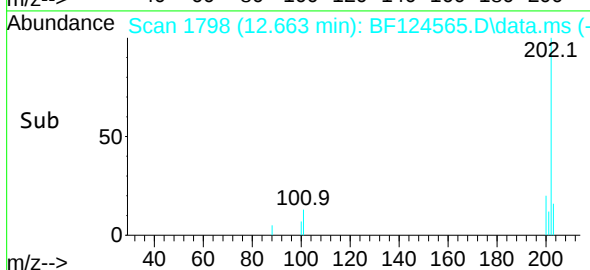
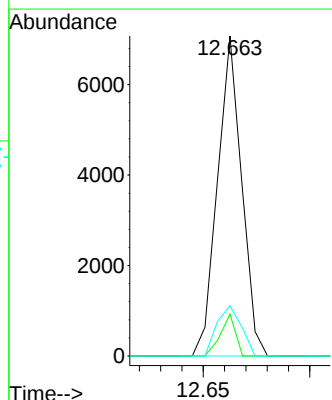
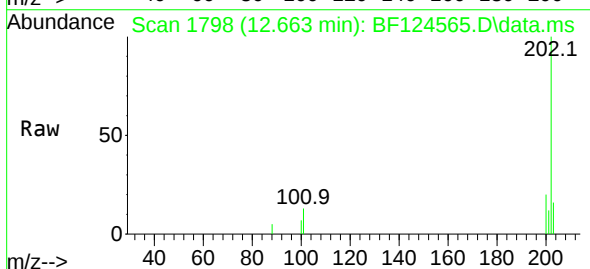
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

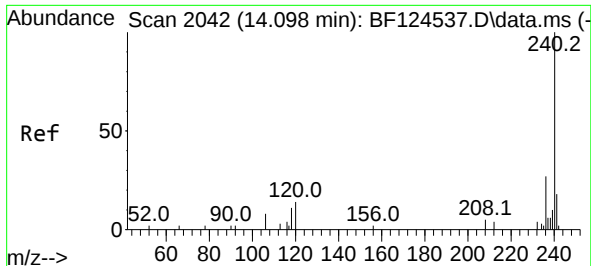
Tgt Ion:149 Resp: 6624
Ion Ratio Lower Upper
149 100
150 8.2 7.4 11.2
104 3.4 4.1 6.1#



#75
Fluoranthene
Concen: 4.100 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:202 Resp: 5570
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.7
203 15.7 0.0 36.3

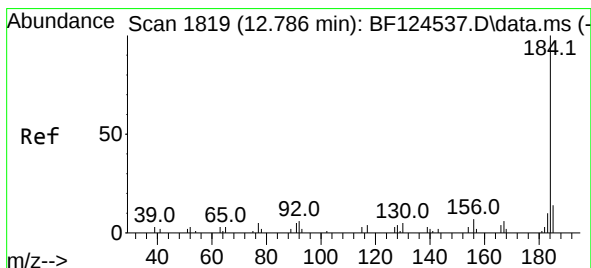
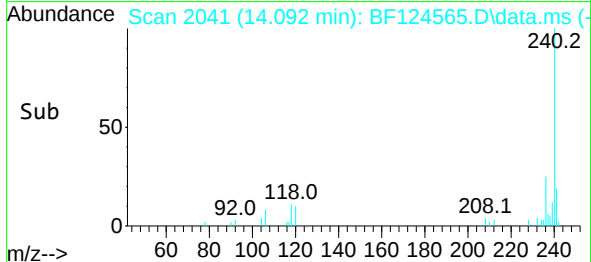
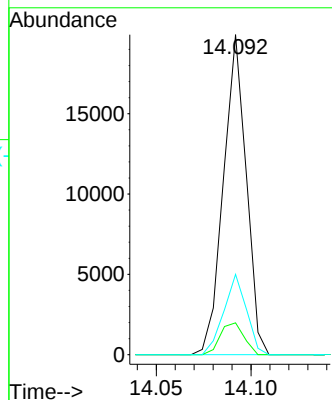
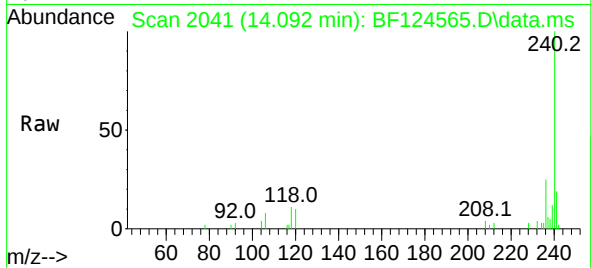




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

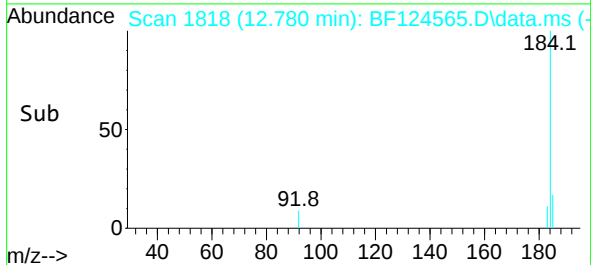
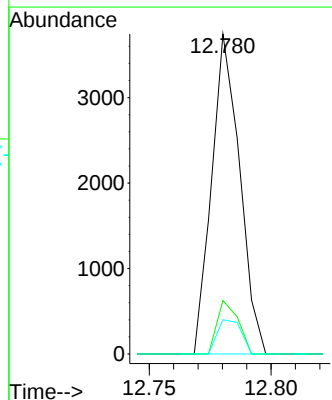
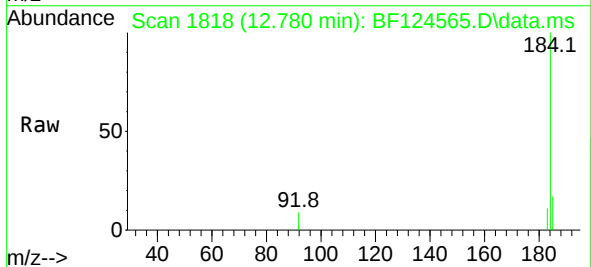
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

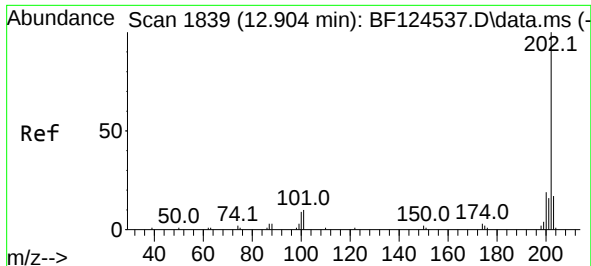
Tgt Ion:240 Resp: 16678
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.1 21.6 32.4



#77
Benzidine
Concen: 4.797 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:184 Resp: 2991
Ion Ratio Lower Upper
184 100
185 16.7 10.8 16.2#
183 10.7 8.1 12.1

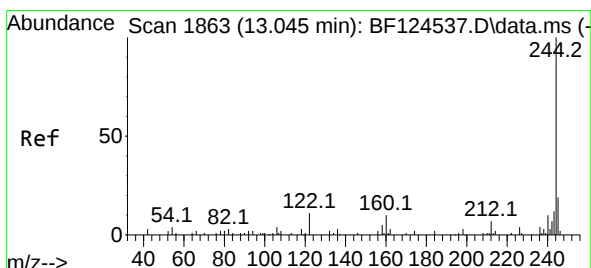
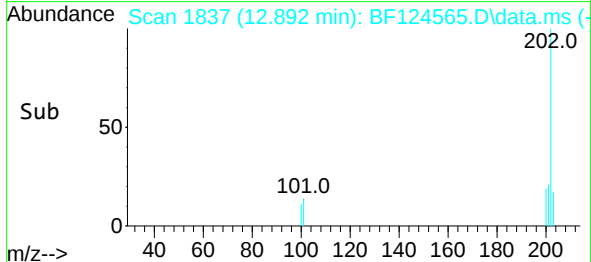
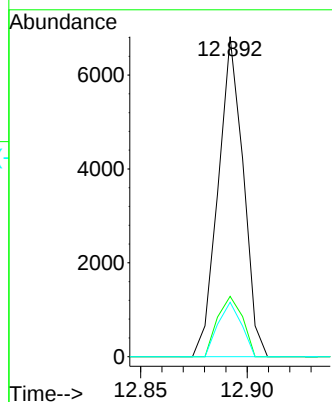
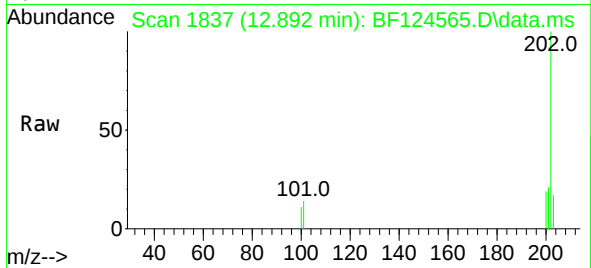




#78
Pyrene
Concen: 4.028 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

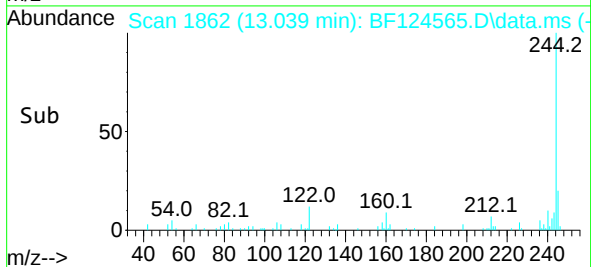
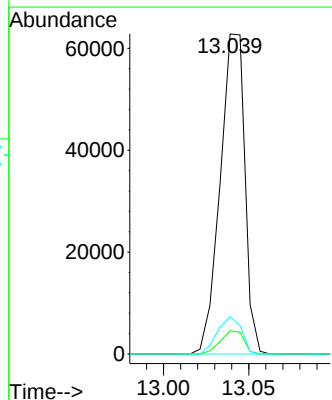
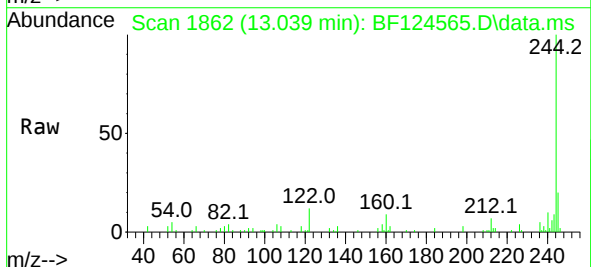
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

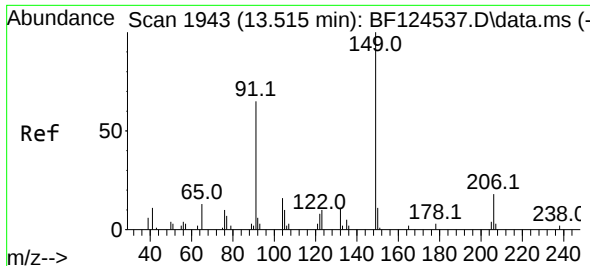
Tgt Ion:	202	Resp:	5582
Ion Ratio	Lower	Upper	
202	100		
200	18.8	15.3	22.9
203	17.0	13.4	20.0



#79
Terphenyl-d14
Concen: 63.834 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:	244	Resp:	63400
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.9	8.9
122	11.7	9.0	13.4

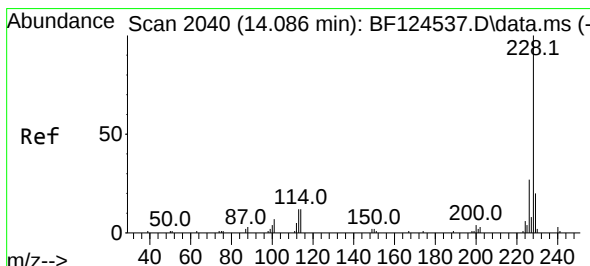
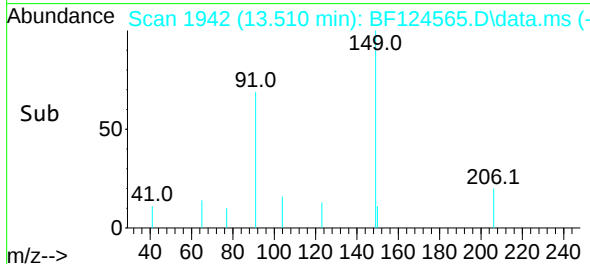
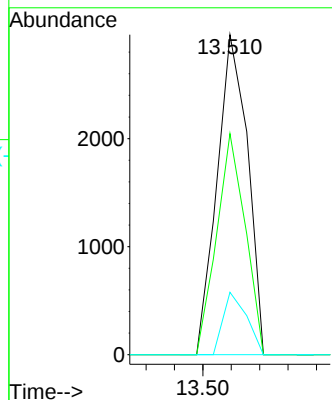
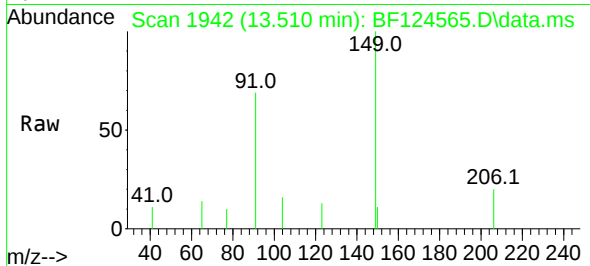




#80
Butylbenzylphthalate
Concen: 3.297 ng
RT: 13.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

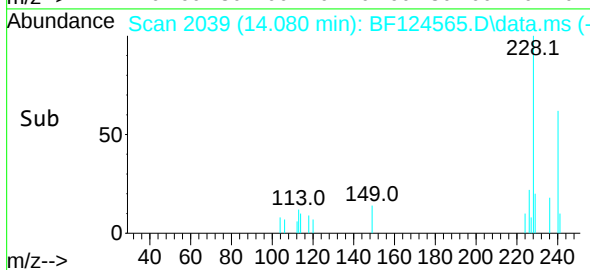
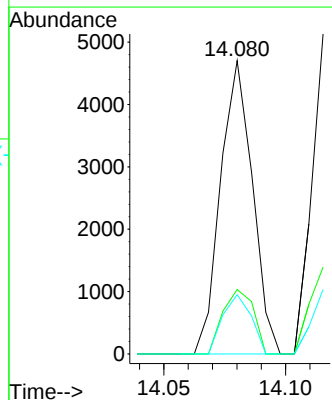
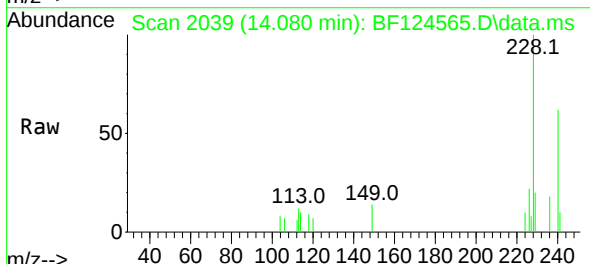
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

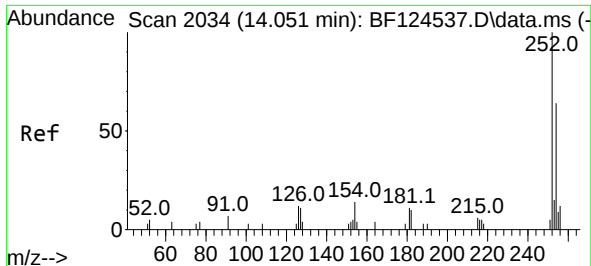
Tgt Ion:149 Resp: 2209
Ion Ratio Lower Upper
149 100
91 69.1 51.8 77.8
206 19.5 14.5 21.7



#81
Benzo(a)anthracene
Concen: 3.883 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:228 Resp: 4295
Ion Ratio Lower Upper
228 100
226 22.0 21.6 32.4
229 20.2 15.6 23.4

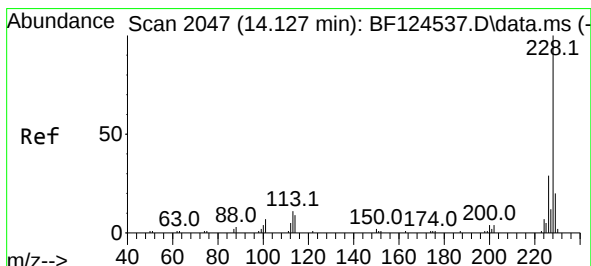
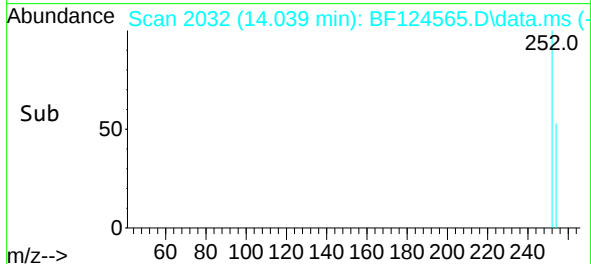
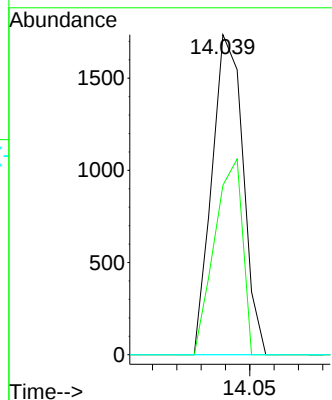
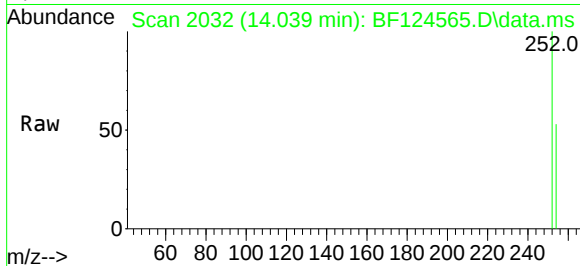




#82
 3,3'-Dichlorobenzidine
 Concen: 5.319 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.012 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

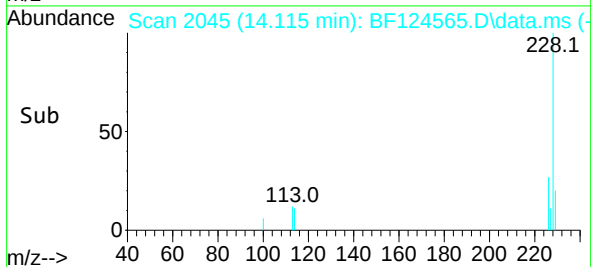
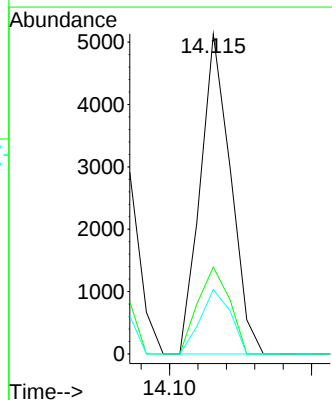
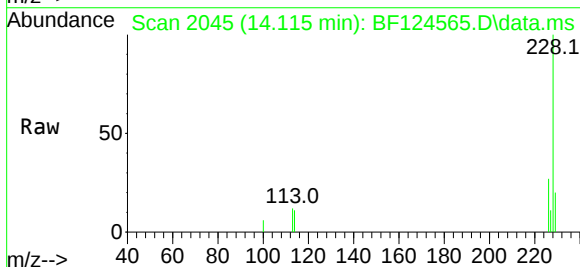
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

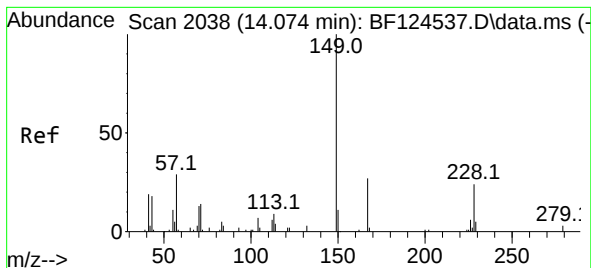
Tgt Ion:252 Resp: 1541
 Ion Ratio Lower Upper
 252 100
 254 52.9 51.4 77.0
 126 0.0 9.5 14.3#



#83
 Chrysene
 Concen: 3.582 ng
 RT: 14.115 min Scan# 2045
 Delta R.T. -0.012 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

Tgt Ion:228 Resp: 3795
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.6 34.0
 229 20.1 15.9 23.9

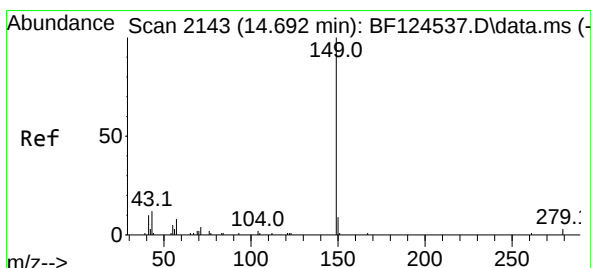
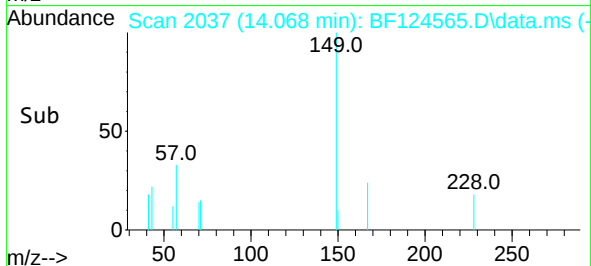
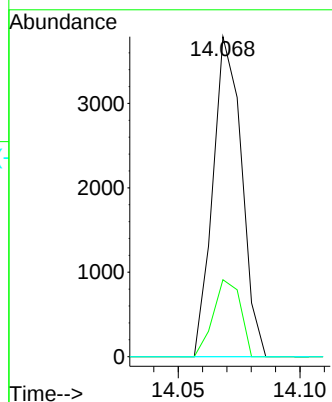
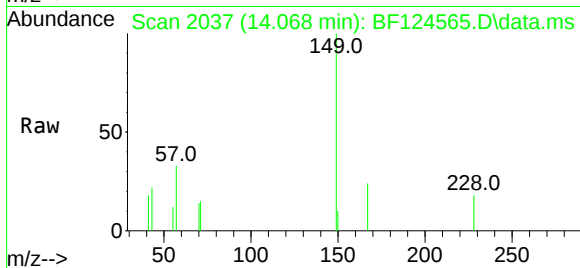




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.455 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. -0.006 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

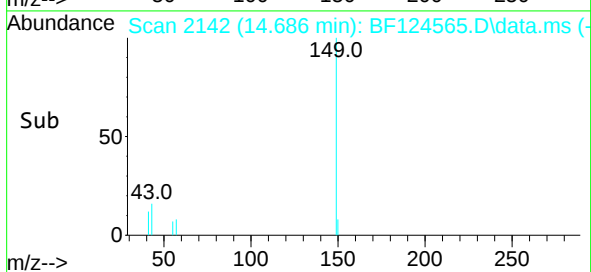
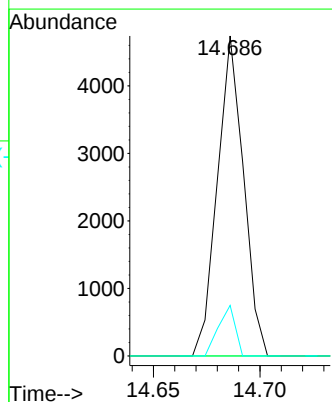
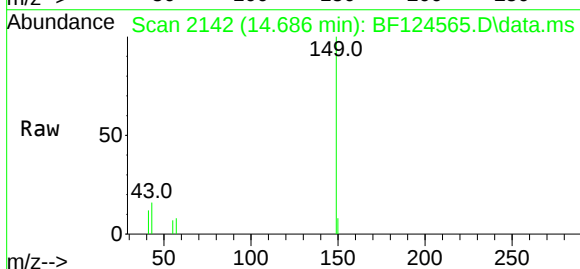
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

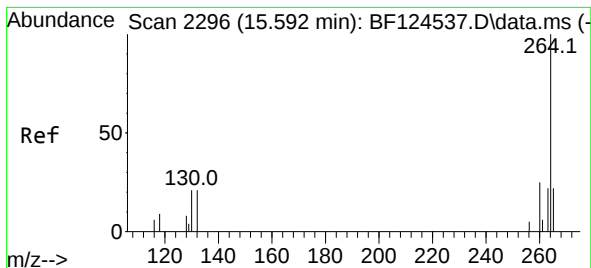
Tgt Ion:149 Resp: 3108
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.4 32.0
 279 0.0 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 3.112 ng
 RT: 14.686 min Scan# 2142
 Delta R.T. -0.006 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

Tgt Ion:149 Resp: 4050
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 10.1 9.9 14.9

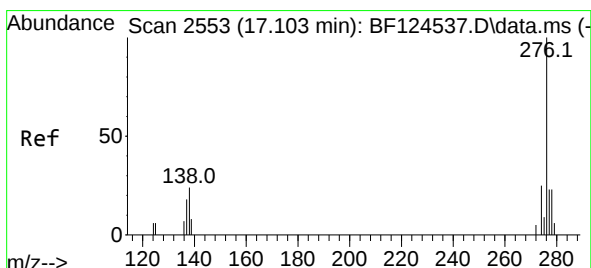
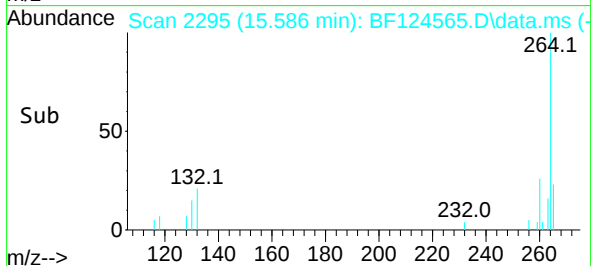
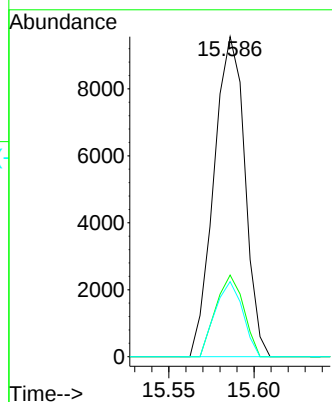
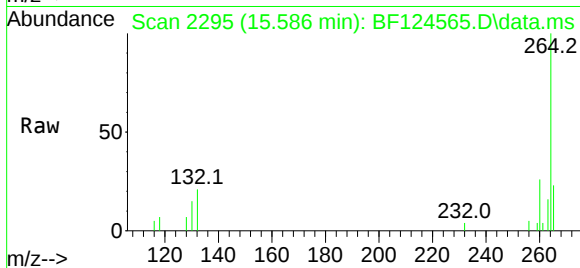




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

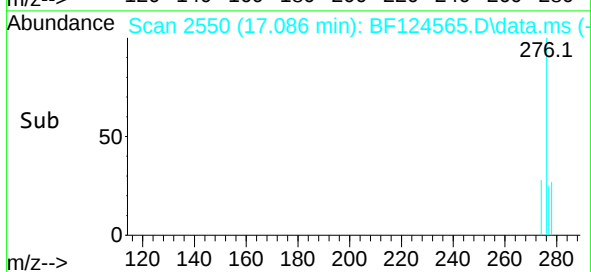
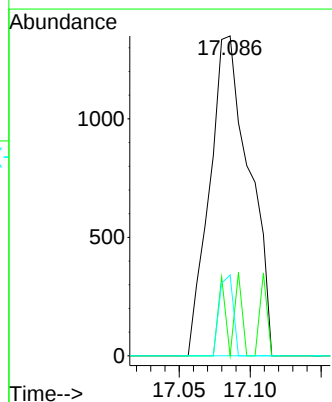
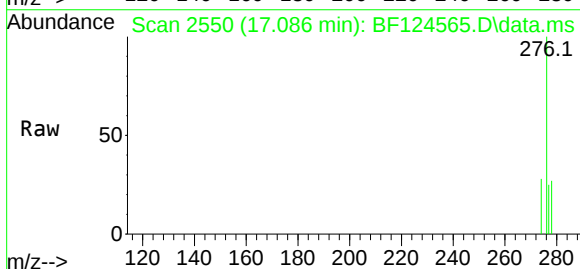
Instrument :
 BNA_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

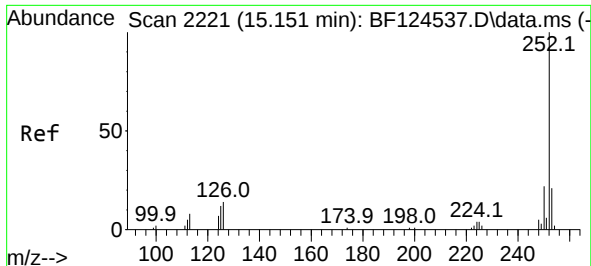
Tgt Ion:264	Resp:	12078
Ion Ratio	Lower	Upper
264	100	
260	25.5	19.6 29.4
265	23.5	17.2 25.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.735 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.018 min
 Lab File: BF124565.D
 Acq: 14 Jul 2021 15:26

Tgt Ion:276	Resp:	2616
Ion Ratio	Lower	Upper
276	100	
138	9.3	24.1 36.1#
277	8.7	18.8 28.2#

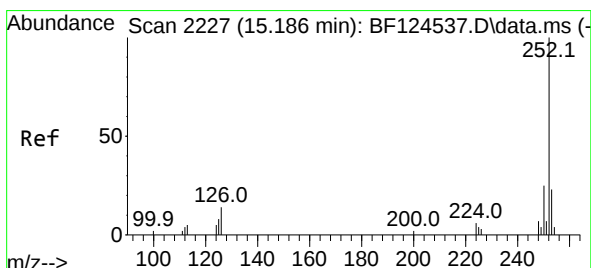
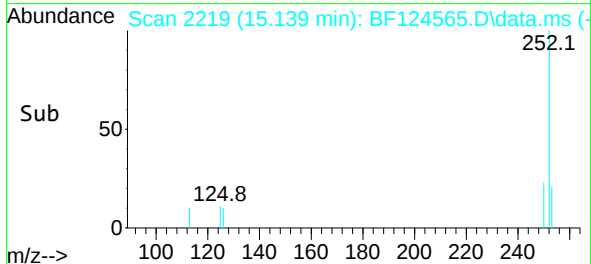
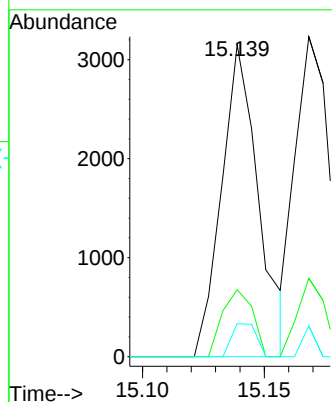
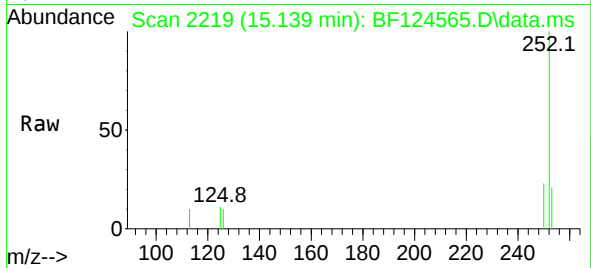




#88
Benzo(b)fluoranthene
Concen: 3.839 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

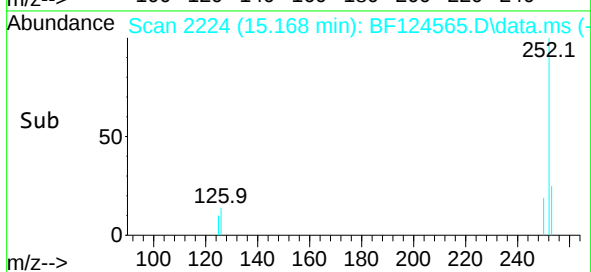
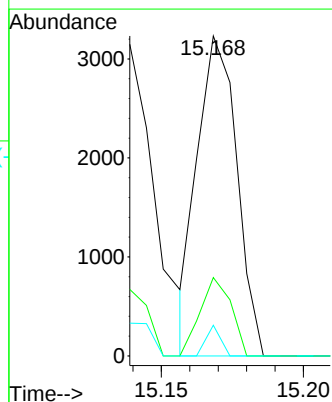
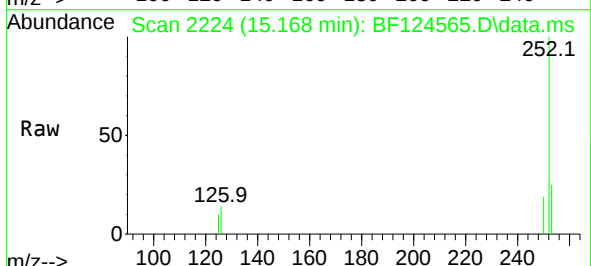
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

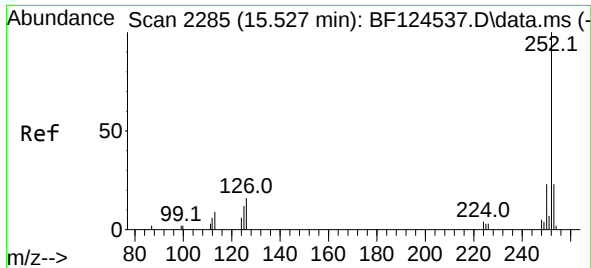
Tgt Ion:252 Resp: 3328
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 10.6 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 3.910 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:252 Resp: 3110
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 9.6 7.2 10.8

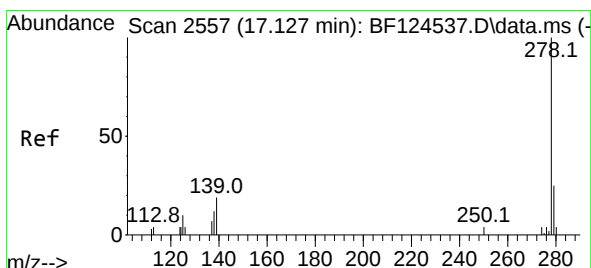
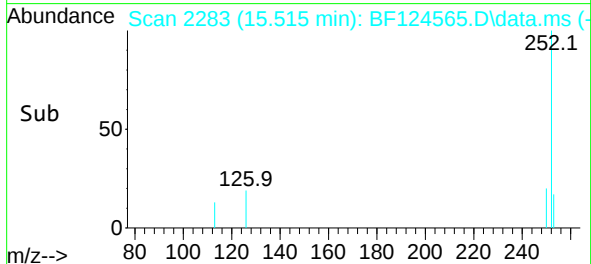
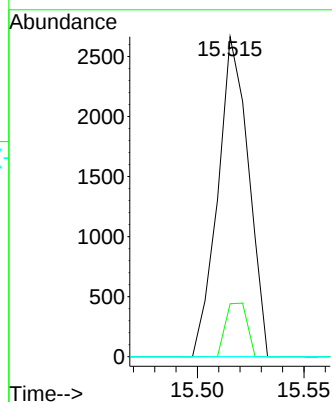
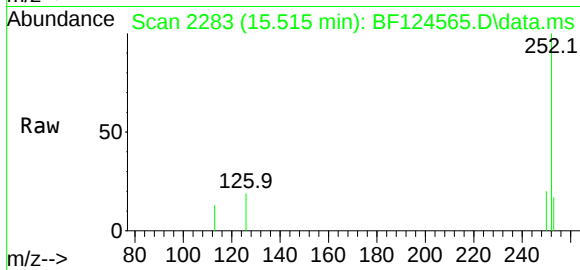




#90
Benzo(a)pyrene
Concen: 3.725 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.012 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

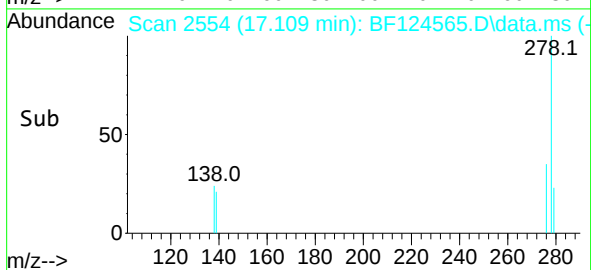
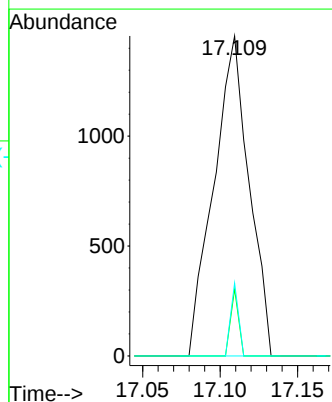
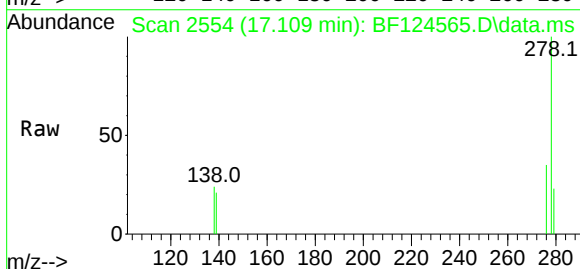
Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2021

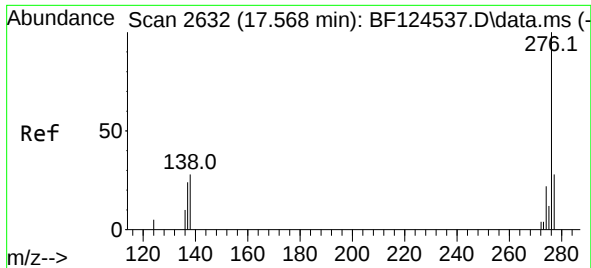
Tgt Ion:252 Resp: 2666
Ion Ratio Lower Upper
252 100
253 16.5 18.4 27.6#
125 0.0 9.9 14.9#



#91
Dibenzo(a,h)anthracene
Concen: 3.859 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF124565.D
Acq: 14 Jul 2021 15:26

Tgt Ion:278 Resp: 2301
Ion Ratio Lower Upper
278 100
139 20.8 14.9 22.3
279 22.8 19.7 29.5





#92

Benzo(g,h,i)perylene

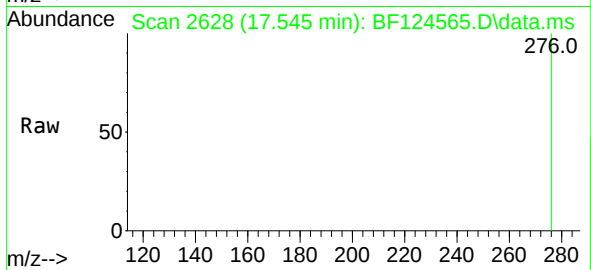
Concen: 3.431 ng

RT: 17.545 min Scan# 2628

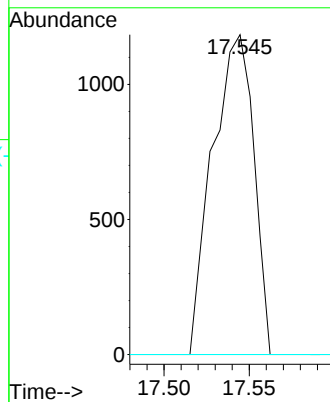
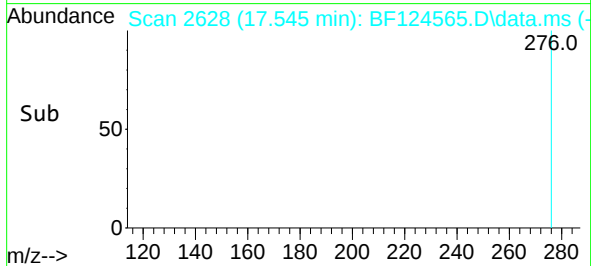
Delta R.T. -0.024 min

Lab File: BF124565.D

Acq: 14 Jul 2021 15:26



Tgt Ion:	276	Resp:	1997
Ion	Ratio	Lower	Upper
276	100		
277	0.0	22.0	33.0#
138	0.0	22.2	33.4#



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